

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Jessica Taylor
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia NY 11749

Generated 12/16/2022 11:24 AM

JOB DESCRIPTION

Inwood - Lot 9

JOB NUMBER

460-271282-1

Eurofins Edison

Job Notes

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Inwood - Lot 9

Report Number: 460-271282-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/13/2022 7:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample BCS-09-13_(7-7.5) (460-271282-1) was analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 12/13/2022 and analyzed on 12/14/2022.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES

Sample BCS-09-16_(7-7.5) (460-271282-2) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 12/14/2022 and analyzed on 12/15/2022.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples BCS-09-13_(7-7.5) (460-271282-1) and BCS-09-16_(7-7.5) (460-271282-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 12/14/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-271282-1	BCS-09-13_(7-7.5)	Solid	12/13/22 13:00	12/13/22 19:30
460-271282-2	BCS-09-16_(7-7.5)	Solid	12/13/22 13:10	12/13/22 19:30

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Client Sample ID: BCS-09-13_(7-7.5)

Lab Sample ID: 460-271282-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.038		0.0058	0.0055	mg/Kg	1	☼	8260D	Total/NA

Client Sample ID: BCS-09-16_(7-7.5)

Lab Sample ID: 460-271282-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
 Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Client Sample ID: BCS-09-13_(7-7.5)

Lab Sample ID: 460-271282-1

Date Collected: 12/13/22 13:00

Matrix: Solid

Date Received: 12/13/22 19:30

Percent Solids: 84.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.038		0.0058	0.0055	mg/Kg	☼	12/13/22 23:02	12/14/22 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		72 - 145				12/13/22 23:02	12/14/22 22:56	1
4-Bromofluorobenzene	91		75 - 139				12/13/22 23:02	12/14/22 22:56	1
Dibromofluoromethane (Surr)	114		73 - 139				12/13/22 23:02	12/14/22 22:56	1
Toluene-d8 (Surr)	100		80 - 120				12/13/22 23:02	12/14/22 22:56	1

Client Sample ID: BCS-09-16_(7-7.5)

Lab Sample ID: 460-271282-2

Date Collected: 12/13/22 13:10

Matrix: Solid

Date Received: 12/13/22 19:30

Percent Solids: 82.4

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0081	U	0.0081	0.0015	mg/Kg	☼	12/14/22 17:16	12/15/22 05:57	1
4,4'-DDD	0.0081	U	0.0081	0.0014	mg/Kg	☼	12/14/22 17:16	12/15/22 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		43 - 150				12/14/22 17:16	12/15/22 05:57	1
DCB Decachlorobiphenyl	78		43 - 150				12/14/22 17:16	12/15/22 05:57	1
Tetrachloro-m-xylene	90		26 - 137				12/14/22 17:16	12/15/22 05:57	1
Tetrachloro-m-xylene	79		26 - 137				12/14/22 17:16	12/15/22 05:57	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (72-145)	BFB (75-139)	DBFM (73-139)	TOL (80-120)
460-271282-1	BCS-09-13_(7-7.5)	99	91	114	100
LB3 460-883060/1-A	Method Blank	96	90	108	104
LCS 460-883192/3	Lab Control Sample	92	93	107	103
LCSD 460-883192/4	Lab Control Sample Dup	93	94	105	104
MB 460-883192/8	Method Blank	97	89	110	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (43-150)	DCBP2 (43-150)	TCX1 (26-137)	TCX2 (26-137)
460-271282-2	BCS-09-16_(7-7.5)	78	89	79	90
LCS 460-883205/2-A	Lab Control Sample	73	86	73	82
LCSD 460-883205/3-A	Lab Control Sample Dup	72	84	70	80
MB 460-883205/1-A	Method Blank	82	96	80	92

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
 Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-883060/1-A

Matrix: Solid

Analysis Batch: 883192

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 883060

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		12/13/22 22:51	12/14/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		72 - 145				12/13/22 22:51	12/14/22 19:56	1
4-Bromofluorobenzene	90		75 - 139				12/13/22 22:51	12/14/22 19:56	1
Dibromofluoromethane (Surr)	108		73 - 139				12/13/22 22:51	12/14/22 19:56	1
Toluene-d8 (Surr)	104		80 - 120				12/13/22 22:51	12/14/22 19:56	1

Lab Sample ID: MB 460-883192/8

Matrix: Solid

Analysis Batch: 883192

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			12/14/22 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		72 - 145					12/14/22 19:34	1
4-Bromofluorobenzene	89		75 - 139					12/14/22 19:34	1
Dibromofluoromethane (Surr)	110		73 - 139					12/14/22 19:34	1
Toluene-d8 (Surr)	102		80 - 120					12/14/22 19:34	1

Lab Sample ID: LCS 460-883192/3

Matrix: Solid

Analysis Batch: 883192

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Acetone	0.100	0.103		mg/Kg		103	63 - 131	
Surrogate	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)	92		72 - 145					
4-Bromofluorobenzene	93		75 - 139					
Dibromofluoromethane (Surr)	107		73 - 139					
Toluene-d8 (Surr)	103		80 - 120					

Lab Sample ID: LCSD 460-883192/4

Matrix: Solid

Analysis Batch: 883192

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	0.100	0.101		mg/Kg		101	63 - 131	1	30
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	93		72 - 145						
4-Bromofluorobenzene	94		75 - 139						
Dibromofluoromethane (Surr)	105		73 - 139						
Toluene-d8 (Surr)	104		80 - 120						

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
 Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-883205/1-A

Matrix: Solid

Analysis Batch: 883285

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 883205

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		12/14/22 17:16	12/15/22 04:19	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		12/14/22 17:16	12/15/22 04:19	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		12/14/22 17:16	12/15/22 04:19	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		12/14/22 17:16	12/15/22 04:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	96		43 - 150	12/14/22 17:16	12/15/22 04:19	1
DCB Decachlorobiphenyl	82		43 - 150	12/14/22 17:16	12/15/22 04:19	1
Tetrachloro-m-xylene	92		26 - 137	12/14/22 17:16	12/15/22 04:19	1
Tetrachloro-m-xylene	80		26 - 137	12/14/22 17:16	12/15/22 04:19	1

Lab Sample ID: LCS 460-883205/2-A

Matrix: Solid

Analysis Batch: 883285

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 883205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits
4,4'-DDT	0.133	0.121		mg/Kg		90		55 - 138
4,4'-DDT	0.133	0.105		mg/Kg		79		55 - 138
4,4'-DDD	0.133	0.139		mg/Kg		104		64 - 132
4,4'-DDD	0.133	0.124		mg/Kg		93		64 - 132

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	86		43 - 150
DCB Decachlorobiphenyl	73		43 - 150
Tetrachloro-m-xylene	82		26 - 137
Tetrachloro-m-xylene	73		26 - 137

Lab Sample ID: LCSD 460-883205/3-A

Matrix: Solid

Analysis Batch: 883285

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 883205

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	RPD Limit
4,4'-DDT	0.133	0.118		mg/Kg		89		55 - 138	2	30
4,4'-DDT	0.133	0.105		mg/Kg		79		55 - 138	0	30
4,4'-DDD	0.133	0.136		mg/Kg		102		64 - 132	2	30
4,4'-DDD	0.133	0.125		mg/Kg		93		64 - 132	1	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	84		43 - 150
DCB Decachlorobiphenyl	72		43 - 150
Tetrachloro-m-xylene	80		26 - 137
Tetrachloro-m-xylene	70		26 - 137

Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

GC/MS VOA

Prep Batch: 883060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-1	BCS-09-13_(7-7.5)	Total/NA	Solid	5035	
LB3 460-883060/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 883192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-1	BCS-09-13_(7-7.5)	Total/NA	Solid	8260D	883060
LB3 460-883060/1-A	Method Blank	Total/NA	Solid	8260D	883060
MB 460-883192/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-883192/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-883192/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC Semi VOA

Prep Batch: 883205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-2	BCS-09-16_(7-7.5)	Total/NA	Solid	3546	
MB 460-883205/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-883205/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-883205/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 883285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-2	BCS-09-16_(7-7.5)	Total/NA	Solid	8081B	883205
MB 460-883205/1-A	Method Blank	Total/NA	Solid	8081B	883205
LCS 460-883205/2-A	Lab Control Sample	Total/NA	Solid	8081B	883205
LCSD 460-883205/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	883205

General Chemistry

Analysis Batch: 883122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-1	BCS-09-13_(7-7.5)	Total/NA	Solid	Moisture	
460-271286-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 883269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-271282-2	BCS-09-16_(7-7.5)	Total/NA	Solid	Moisture	
460-271077-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-271077-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-271282-2 DU	BCS-09-16_(7-7.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Client Sample ID: BCS-09-13_(7-7.5)

Lab Sample ID: 460-271282-1

Date Collected: 12/13/22 13:00

Matrix: Solid

Date Received: 12/13/22 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	883122	MVA	EET EDI	12/14/22 09:07

Client Sample ID: BCS-09-13_(7-7.5)

Lab Sample ID: 460-271282-1

Date Collected: 12/13/22 13:00

Matrix: Solid

Date Received: 12/13/22 19:30

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			883060	JJC	EET EDI	12/13/22 23:02
Total/NA	Analysis	8260D		1	883192	AAT	EET EDI	12/14/22 22:56

Client Sample ID: BCS-09-16_(7-7.5)

Lab Sample ID: 460-271282-2

Date Collected: 12/13/22 13:10

Matrix: Solid

Date Received: 12/13/22 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	883269	CJC	EET EDI	12/14/22 22:06

Client Sample ID: BCS-09-16_(7-7.5)

Lab Sample ID: 460-271282-2

Date Collected: 12/13/22 13:10

Matrix: Solid

Date Received: 12/13/22 19:30

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			883205	ARA	EET EDI	12/14/22 17:16
Total/NA	Analysis	8081B		1	883285	FAM	EET EDI	12/15/22 05:57

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Inwood - Lot 9

Job ID: 460-271282-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
BCS-09-13_(7-7.5)	460-271282-1	114	99	100	91
	MB 460-883192/8	110	97	102	89
	LB3 460-883060/1-A	108	96	104	90
	LCS 460-883192/3	107	92	103	93
	LCSD 460-883192/4	105	93	104	94

DBFM = Dibromofluoromethane (Surr)
 DCA = 1,2-Dichloroethane-d4 (Surr)
 TOL = Toluene-d8 (Surr)
 BFB = 4-Bromofluorobenzene

QC LIMITS
 73-139
 72-145
 80-120
 75-139

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: K41750.D
 Lab ID: LCS 460-883192/3 Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Acetone	0.100	0.103	103	63-131	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: K41751.D
 Lab ID: LCSD 460-883192/4 Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	0.100	0.101	101	1	30	63-131	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
SDG No.: _____
Lab File ID: K41755.D Lab Sample ID: MB 460-883192/8
Matrix: Solid Heated Purge: (Y/N) Y
Instrument ID: CVOAMS9 Date Analyzed: 12/14/2022 19:34
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-883192/3	K41750.D	12/14/2022 17:33
	LCSD 460-883192/4	K41751.D	12/14/2022 18:04
	LB3 460-883060/1-A	K41756.D	12/14/2022 19:56
BCS-09-13_(7-7.5)	460-271282-1	K41764.D	12/14/2022 22:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab File ID: K40801.D BFB Injection Date: 11/18/2022
 Instrument ID: CVOAMS9 BFB Injection Time: 14:52
 Analysis Batch No.: 878754

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	115.9
96	5 - 9% of m/z 95	6.1
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	86.3
175	5 - 9% of m/z 174	8.2
176	95 -105% of m/z 174	99.2
177	5 - 10% of m/z 176	6.0

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-878754/3	K40803.D	11/18/2022	15:37
	STD5 460-878754/4	K40804.D	11/18/2022	16:00
	STD20 460-878754/5	K40805.D	11/18/2022	16:23
	STD50 460-878754/6	K40806.D	11/18/2022	16:45
	STD200 460-878754/7	K40807.D	11/18/2022	17:08
	STD500 460-878754/8	K40808.D	11/18/2022	17:30
	ICV 460-878754/14	K40814.D	11/18/2022	19:45

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: STD20 460-878754/5 Date Analyzed: 11/18/2022 16:23
 Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): K40805.D Heated Purge: (Y/N) Y
 Calibration ID: 91650

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	114640	2.54	287857	3.46	592712	4.61
UPPER LIMIT	229280	3.04	575714	3.96	1185424	5.11
LOWER LIMIT	57320	2.04	143929	2.96	296356	4.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-878754/14	116716	2.53	265723	3.45	538995	4.59

TBA_d9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: STD20 460-878754/5 Date Analyzed: 11/18/2022 16:23
 Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): K40805.D Heated Purge: (Y/N) Y
 Calibration ID: 91650

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	30646	5.41	419035	8.45	243686	11.01
UPPER LIMIT	61292	5.91	838070	8.95	487372	11.51
LOWER LIMIT	15323	4.91	209518	7.95	121843	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-878754/14	28623	5.34	393364	8.45	234142	11.01

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: CCVIS 460-883192/2 Date Analyzed: 12/14/2022 17:10
 Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): K41749.D Heated Purge: (Y/N) Y
 Calibration ID: 91650

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	111089	2.55	270213	3.45	534329	4.59	
UPPER LIMIT	222178	3.05	540426	3.95	1068658	5.09	
LOWER LIMIT	55545	2.05	135107	2.95	267165	4.09	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-883192/3	111870	2.55	260738	3.45	531863	4.59	
LCSD 460-883192/4	100949	2.54	259018	3.44	519616	4.58	
MB 460-883192/8	87781	2.50	210833	3.45	488235	4.59	
LB3 460-883060/1-A	91524	2.54	206850	3.43	481330	4.58	
460-271282-1	BCS-09-13_ (7-7.5)	93028	2.51	217818	3.44	479343	4.58

TBA_d9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: CCVIS 460-883192/2 Date Analyzed: 12/14/2022 17:10
 Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): K41749.D Heated Purge: (Y/N) Y
 Calibration ID: 91650

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	30687	5.34	377790	8.43	224439	11.01	
UPPER LIMIT	61374	5.84	755580	8.93	448878	11.51	
LOWER LIMIT	15344	4.84	188895	7.93	112220	10.51	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-883192/3	33440	5.34	374712	8.43	215347	11.01	
LCSD 460-883192/4	30320	5.33	372147	8.43	219075	11.01	
MB 460-883192/8	24787	5.35	348380	8.43	192698	11.01	
LB3 460-883060/1-A	25326	5.33	340775	8.43	190175	11.01	
460-271282-1	BCS-09-13_ (7-7.5)	24593	5.33	345717	8.43	188191	11.01

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: BCS-09-13_(7-7.5) Lab Sample ID: 460-271282-1
 Matrix: Solid Lab File ID: K41764.D
 Analysis Method: 8260D Date Collected: 12/13/2022 13:00
 Sample wt/vol: 6.13(g) Date Analyzed: 12/14/2022 22:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: 15.5 % Solids: 84.5 Level: (low/med) Low
 Analysis Batch No.: 883192 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	0.038		0.0058	0.0055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-145
460-00-4	4-Bromofluorobenzene	91		75-139
1868-53-7	Dibromofluoromethane (Surr)	114		73-139
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41764.D
 Lims ID: 460-271282-B-1-A
 Client ID: BCS-09-13_(7-7.5)
 Sample Type: Client
 Inject. Date: 14-Dec-2022 22:56:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-271282-B-1-A
 Misc. Info.: 460-0154493-017
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 17:55:51 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: C1JX

Date: 14-Dec-2022 23:37:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.148	2.147	0.001	85	35974	39.1	
* 30 TBA-d9 (IS)	46	2.513	2.547	-0.034	95	93028	1000.0	
* 42 2-Butanone-d5	46	3.439	3.450	-0.011	97	217818	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.919	0.000	96	141553	57.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.239	4.239	0.000	0	128282	49.4	
* 66 Fluorobenzene	96	4.582	4.593	-0.011	99	479343	50.0	
* 73 1,4-Dioxane-d8	96	5.325	5.336	-0.011	92	24593	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.434	6.434	0.000	99	492957	50.1	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	85	345717	50.0	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	91	136497	45.4	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.005	0.001	94	188191	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41764.D

Injection Date: 14-Dec-2022 22:56:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: 460-271282-B-1-A

Lab Sample ID: 460-271282-1

Worklist Smp#: 17

Client ID: BCS-09-13_(7-7.5)

Purge Vol: 5.000 mL

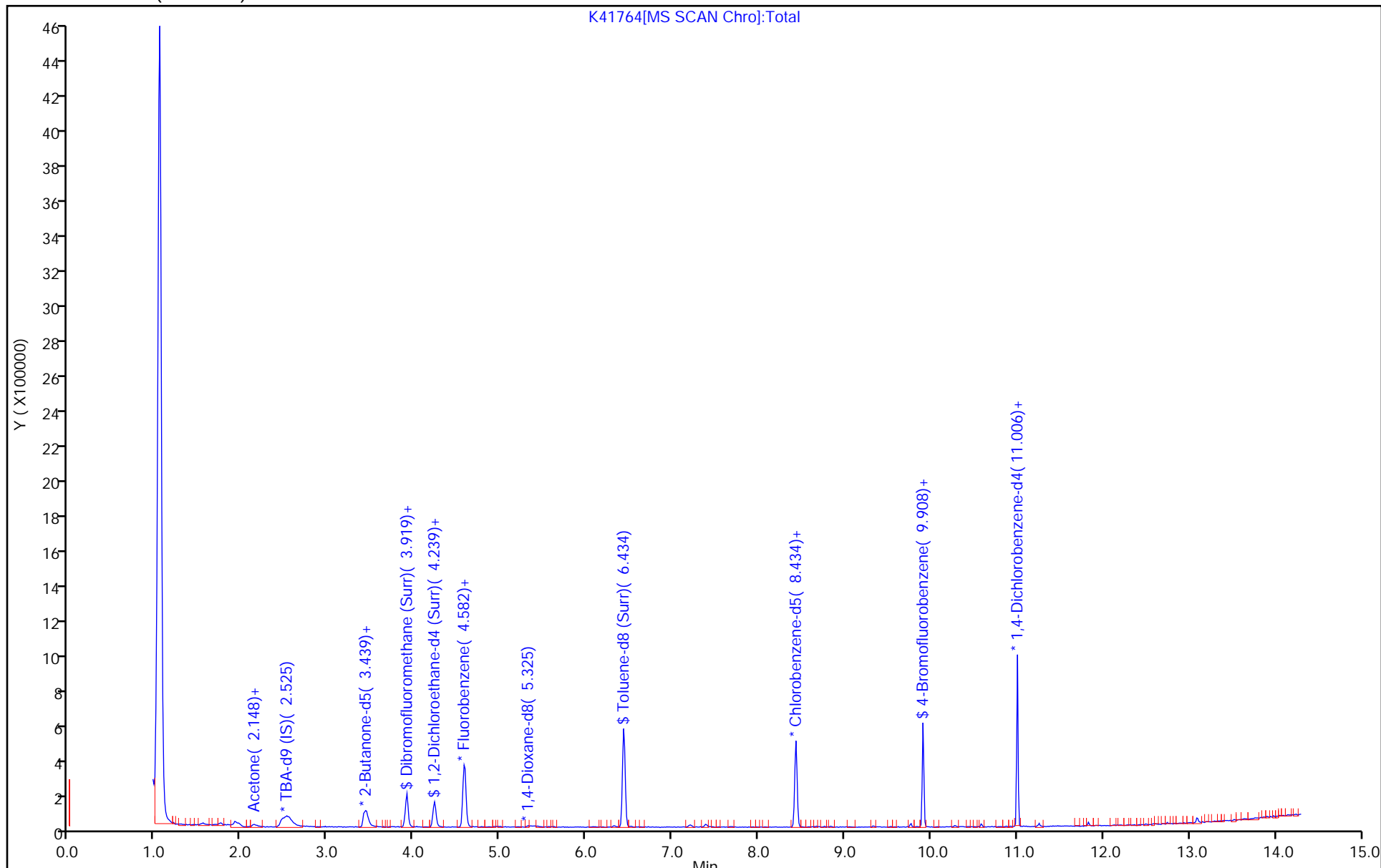
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41764.D
 Lims ID: 460-271282-B-1-A
 Client ID: BCS-09-13_(7-7.5)
 Sample Type: Client
 Inject. Date: 14-Dec-2022 22:56:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-271282-B-1-A
 Misc. Info.: 460-0154493-017
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 17:55:51 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: C1JX Date: 14-Dec-2022 23:37:55

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	57.2	114.44
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	49.4	98.88
\$ 83 Toluene-d8 (Surr)	50.0	50.1	100.24
\$ 105 4-Bromofluorobenzene	50.0	45.4	90.72

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41764.D

Injection Date: 14-Dec-2022 22:56:30

Instrument ID: CVOAMS9

Lims ID: 460-271282-B-1-A

Lab Sample ID: 460-271282-1

Client ID: BCS-09-13_(7-7.5)

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

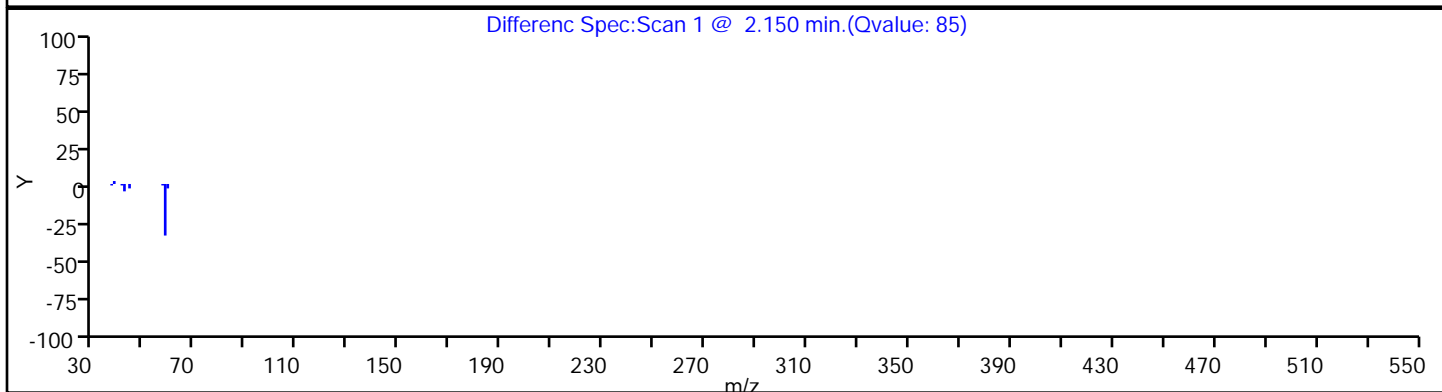
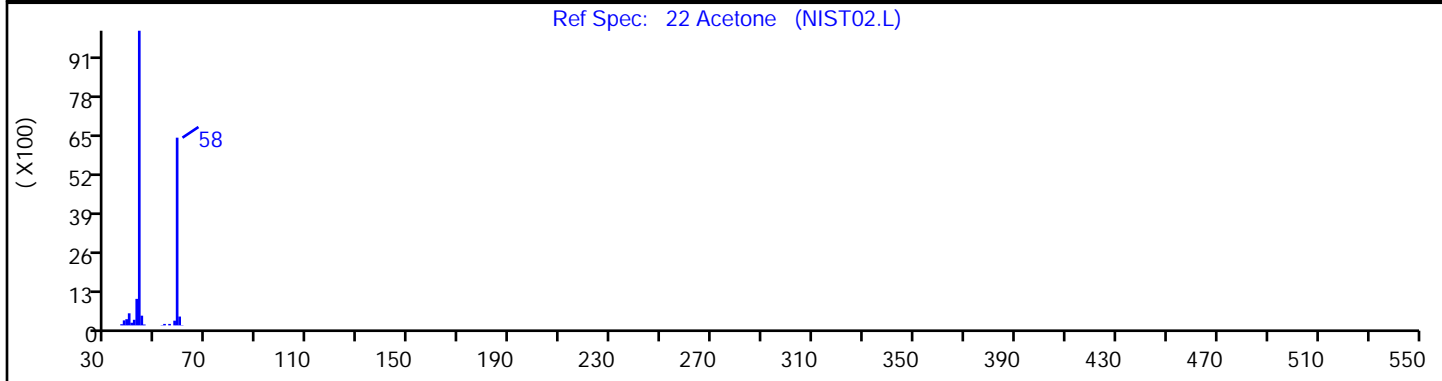
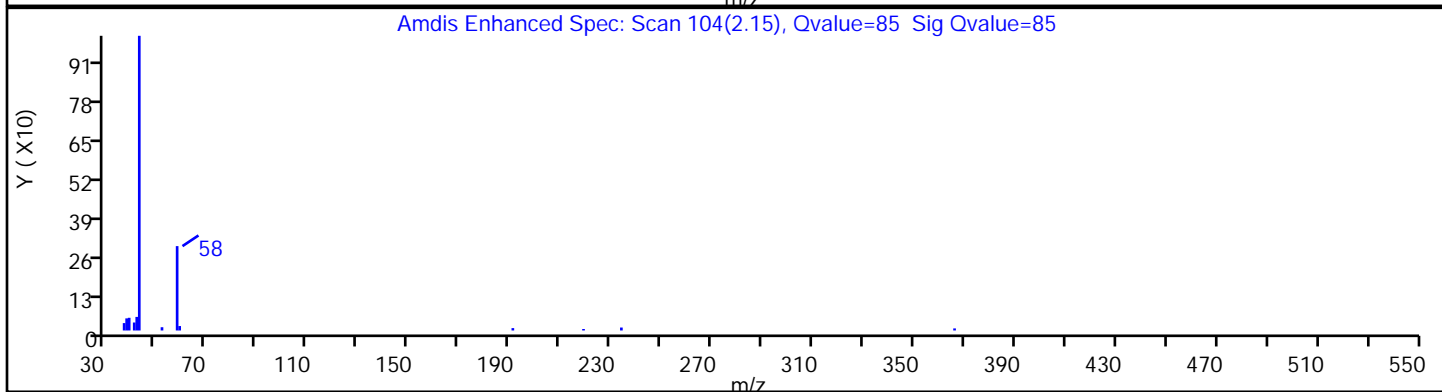
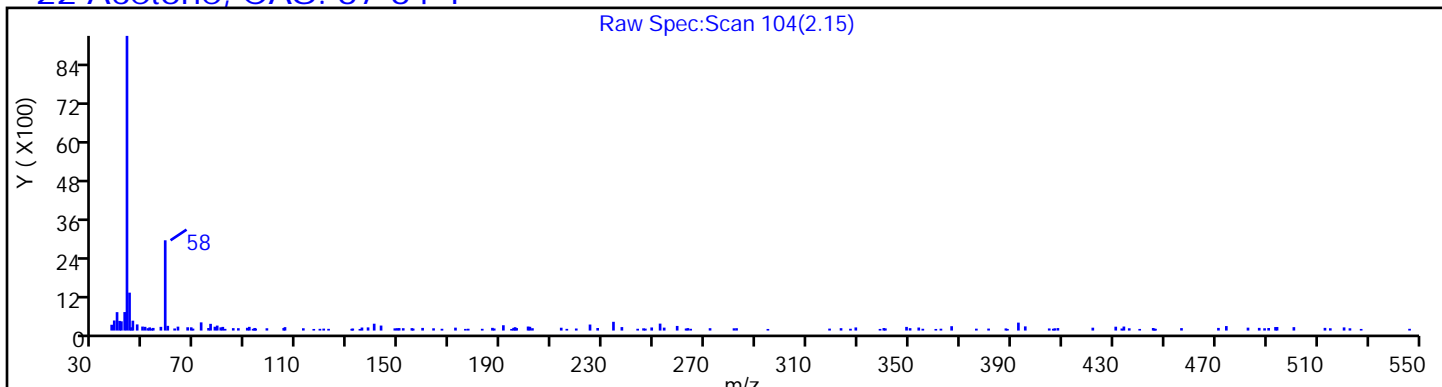
Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-878754/3	K40803.D
Level 2	STD5 460-878754/4	K40804.D
Level 3	STD20 460-878754/5	K40805.D
Level 4	STD50 460-878754/6	K40806.D
Level 5	STD200 460-878754/7	K40807.D
Level 6	STD500 460-878754/8	K40808.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1383 0.1990	0.2585	0.2448	0.2527	0.2036	QuaF		0.214 0	-0.000031					0.9990		0.9900	
Dichlorodifluoromethane	0.5271 0.7303	0.5608	0.7659	0.7540	0.7660	Ave		0.684 0		0.1000	16.1		20.0				
Chlorodifluoromethane	0.1523 0.0873	0.1059	0.1003	0.1090	0.0873	QuaF		0.090 6	-0.000007					0.9990		0.9900	
Chloromethane	0.6155 0.6842	0.6854	0.7097	0.7229	0.7133	Ave		0.688 5		0.1000	5.7		20.0				
Butadiene	0.5525 0.4102	0.3985	0.4314	0.4240	0.4227	Ave		0.439 9			12.8		20.0				
Vinyl chloride	0.5048 0.4552	0.4489	0.4925	0.4969	0.4799	Ave		0.479 7		0.1000	4.8		20.0				
Bromomethane	0.4163 0.3297	0.3992	0.3499	0.3632	0.3468	Ave		0.367 5		0.1000	9.1		20.0				
Chloroethane	0.3783 0.2408	0.2751	0.2618	0.2549	0.2445	Ave		0.275 9		0.1000	18.7		20.0				
Dichlorofluoromethane	0.6146 0.6690	0.6246	0.7240	0.7266	0.6866	Ave		0.674 2			7.1		20.0				
Trichlorofluoromethane	0.6000 0.5742	0.5055	0.6055	0.6035	0.5941	Ave		0.580 4		0.1000	6.6		20.0				
Pentane	6.7724 5.7225	4.9979	6.1091	5.6081	6.0069	Ave		5.869 5			10.1		20.0				
Ethyl ether	0.2794 0.2044	0.2130	0.2184	0.2150	0.2011	Ave		0.221 9			13.0		20.0				
2-Methyl-1,3-butadiene	0.2829 0.2705	0.2520	0.3139	0.2917	0.2796	Ave		0.281 8			7.4		20.0				
1,2-Dichloro-1,1,2-trifluoroethane	0.2728 0.3014	0.3175	0.3360	0.3303	0.2948	Ave		0.308 8			7.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	++++ 0.1467	0.2673	0.2003	0.1913	0.1695	Ave		0.195 0			23.3	*	20.0				
1,1,1-Trifluoro-2,2-dichloroethane	0.8193 0.4666	0.5167	0.5255	0.5062	0.4545	Lin2	0.340 1	0.475 7						0.9970		0.9900	
Acrolein	4.8274 4.0832	4.7741	4.4984	3.9812	4.2187	Ave		4.397 2			8.1		20.0				
1,1-Dichloroethene	0.2691 0.2730	0.2730	0.3053	0.2963	0.2697	Ave		0.281 1		0.1000	5.6		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4281 0.3814	0.3226	0.3912	0.3758	0.3707	Ave		0.378 3		0.1000	9.0		20.0				
Acetone	2.0586 1.0745	1.2342	0.9141	0.9736	1.0735	QuaF		1.055 9	0.0000076	0.0500				1.0000		0.9900	
Iodomethane	0.7099 0.5678	0.5897	0.6104	0.6112	0.5552	Ave		0.607 4			9.1		20.0				
Carbon disulfide	1.1015 1.0862	1.0355	1.1795	1.2065	1.0589	Ave		1.111 4		0.1000	6.1		20.0				
Isopropyl alcohol	++++ 2.3289	1.6168	1.7430	1.6551	1.9726	Ave		1.863 3			15.8		20.0				
3-Chloro-1-propene	0.4898 0.3649	0.4762	0.4392	0.4199	0.3870	Ave		0.429 5			11.4		20.0				
Methyl acetate	11.060 17.634	21.464	18.727	18.249	18.138	Ave		17.54 5		0.1000	19.7		20.0				
Acetonitrile	1.7543 2.1919	2.1190	2.4023	2.4456	2.1442	Ave		2.176 2			11.4		20.0				
Cyclopentene	0.7563 0.6489	0.5984	0.7288	0.7178	0.6552	Ave		0.684 2			8.7		20.0				
Methylene Chloride	0.3525 0.3065	0.3299	0.3404	0.3269	0.3040	Ave		0.326 7		0.1000	5.8		20.0				
2-Methyl-2-propanol	4.7652 4.3847	5.3854	4.6257	4.8462	4.6641	Ave		4.778 5			7.0		20.0				
Acrylonitrile	0.1049 0.0957	0.1047	0.1021	0.1040	0.0938	Ave		0.100 9			4.8		20.0				
trans-1,2-Dichloroethene	0.3984 0.2923	0.3222	0.3215	0.3204	0.2920	Ave		0.324 5		0.1000	12.0		20.0				
Methyl tert-butyl ether	1.0877 0.8935	0.9602	0.9260	0.9473	0.8877	Ave		0.950 4		0.1000	7.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.4669 0.2579	0.2703	0.2774	0.2821	0.2746	Lin2	0.198 5	0.262 6						0.9950		0.9900	
1,1-Dichloroethane	0.6278 0.5007	0.5237	0.5587	0.5490	0.5001	Ave		0.543 3		0.2000	8.8		20.0				
Vinyl acetate	4.7821 4.9715	6.2105	5.9508	5.0503	5.4215	Ave		5.397 8			10.6		20.0				
Isopropyl ether	1.0814 0.9412	0.9765	0.9556	0.9705	0.9468	Ave		0.978 7			5.3		20.0				
2-Chloro-1,3-butadiene	0.2801 0.2763	0.2865	0.2894	0.2958	0.2815	Ave		0.285 0			2.5		20.0				
Tert-butyl ethyl ether	0.3892 0.4060	0.4133	0.3991	0.4037	0.4027	Ave		0.402 3			2.0		20.0				
cis-1,2-Dichloroethene	0.4507 0.3295	0.3718	0.3475	0.3528	0.3230	Ave		0.362 5		0.1000	12.8		20.0				
2,2-Dichloropropane	0.2713 0.1767	0.2165	0.1933	0.1859	0.1748	Ave		0.203 1			18.1		20.0				
2-Butanone (MEK)	0.7966 0.3651	0.4508	0.3698	0.3485	0.3713	QuaF		0.371 9	-0.000003	0.0500				1.0000		0.9900	
Ethyl acetate	0.3690 0.2947	0.4430	0.3331	0.3199	0.3067	Ave		0.344 4			15.9		20.0				
Propionitrile	4.5194 4.0432	4.3339	4.3507	4.2292	4.2327	Ave		4.284 8			3.7		20.0				
Methyl acrylate	0.3403 0.3063	0.2720	0.3098	0.3089	0.3020	Ave		0.306 5			7.1		20.0				
Methacrylonitrile	0.1102 0.1146	0.1093	0.1113	0.1142	0.1107	Ave		0.111 7			1.9		20.0				
Chlorobromomethane	0.2082 0.1630	0.1750	0.1681	0.1682	0.1592	Ave		0.173 6			10.2		20.0				
Tetrahydrofuran	1.0905 0.4122	0.4771	0.4212	0.4209	0.4176	QuaF		0.421 4	-0.000009					1.0000		0.9900	
Chloroform	0.5937 0.5140	0.5592	0.5344	0.5400	0.5076	Ave		0.541 5		0.2000	5.8		20.0				
1,1,1-Trichloroethane	0.5140 0.5393	0.5138	0.5605	0.5529	0.5270	Ave		0.534 6		0.1000	3.7		20.0				
Cyclohexane	0.5238 0.5676	0.4606	0.5584	0.5642	0.5541	Ave		0.538 1		0.1000	7.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.4361 0.3997	0.3891	0.4186	0.4223	0.3981	Ave		0.410 7			4.3		20.0				
Carbon tetrachloride	0.4570 0.4675	0.4232	0.4859	0.4876	0.4571	Ave		0.463 0		0.1000	5.1		20.0				
Isobutyl alcohol	++++ 0.4266	0.4678	0.4841	0.4328	0.4505	Ave		0.452 4			5.3		20.0				
Benzene	1.6619 1.5314	1.8162	1.7457	1.7418	1.5179	Ave		1.669 2		0.5000	7.3		20.0				
1,2-Dichloroethane	0.4948 0.3853	0.4029	0.3872	0.3968	0.3711	Ave		0.406 4		0.1000	11.0		20.0				
Isooctane	1.2661 1.4204	1.0412	1.1805	1.1645	1.3844	Ave		1.242 8			11.5		20.0				
Isopropyl acetate	0.1174 0.1076	0.1214	0.1002	0.1042	0.1073	Ave		0.109 7			7.4		20.0				
Tert-amyl methyl ether	0.9638 1.0009	0.9734	0.9834	0.9690	0.9682	Ave		0.976 4			1.4		20.0				
n-Heptane	0.9003 0.4642	0.4291	0.4776	0.4554	0.4731	QuaF		0.475 9	-0.000023					1.0000		0.9900	
n-Butanol	1.4886 1.0212	1.2091	1.0615	1.0354	1.0796	Ave		1.149 2			15.6		20.0				
Trichloroethene	0.4238 0.3132	0.2880	0.3099	0.3147	0.3036	Ave		0.325 6		0.2000	15.1		20.0				
Ethyl acrylate	0.3535 0.3397	0.3014	0.3012	0.3035	0.3242	Ave		0.320 6			7.0		20.0				
Methylcyclohexane	0.8091 0.6764	0.5016	0.6486	0.6289	0.6574	Ave		0.653 7		0.1000	15.1		20.0				
1,2-Dichloropropane	0.3948 0.2936	0.2914	0.3017	0.2933	0.2863	Ave		0.310 2		0.1000	13.5		20.0				
Dibromomethane	0.1935 0.1810	0.1891	0.1761	0.1801	0.1732	Ave		0.182 2			4.2		20.0				
Methyl methacrylate	0.2294 0.1928	0.1869	0.1775	0.1842	0.1865	Ave		0.192 9			9.6		20.0				
1,4-Dioxane	2.0633 0.9970	1.6082	1.4198	1.2743	1.2009	QuaF		1.335 7	-0.000034					1.0000		0.9900	
n-Propyl acetate	0.5124 0.3900	0.4381	0.3639	0.3728	0.3888	Ave		0.411 0			13.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.5164 0.4144	0.4058	0.3820	0.3954	0.3942	Ave		0.418 0		0.2000	11.8		20.0				
2-Nitropropane	0.1033 0.0844	0.1014	0.0808	0.0862	0.0821	Ave		0.089 7			11.2		20.0				
Epichlorohydrin	0.3104 0.3052	0.3118	0.2855	0.2940	0.3052	Ave		0.302 0			3.4		20.0				
cis-1,3-Dichloropropene	0.7352 0.6288	0.7008	0.6559	0.6444	0.6067	Ave		0.662 0		0.2000	7.2		20.0				
4-Methyl-2-pentanone (MIBK)	3.5116 2.9432	3.1626	2.8457	2.8568	2.9335	Ave		3.042 2		0.0500	8.4		20.0				
Toluene	2.0426 1.7507	1.7486	1.9056	1.8540	1.6960	Ave		1.832 9		0.4000	7.0		20.0				
trans-1,3-Dichloropropene	0.7026 0.5611	0.5758	0.5618	0.5746	0.5419	Ave		0.586 3		0.1000	9.9		20.0				
Ethyl methacrylate	0.6935 0.4718	0.4959	0.4944	0.4916	0.4583	Ave		0.517 6			16.9		20.0				
1,1,2-Trichloroethane	0.3514 0.2651	0.2952	0.2777	0.2661	0.2547	Ave		0.285 0		0.1000	12.4		20.0				
Tetrachloroethene	0.5665 0.4408	0.4229	0.4687	0.4695	0.4348	Ave		0.467 2		0.2000	11.2		20.0				
1,3-Dichloropropane	0.5401 0.5200	0.5730	0.5358	0.5389	0.5042	Ave		0.535 3			4.3		20.0				
2-Hexanone	2.6210 1.9182	1.8298	1.6824	1.6914	1.8339	Ave		1.929 5		0.0500	18.2		20.0				
Chlorodibromomethane	0.4472 0.4034	0.4313	0.3921	0.3973	0.3811	Ave		0.408 7		0.1000	6.2		20.0				
n-Butyl acetate	0.6930 0.5129	0.5505	0.5290	0.5129	0.4962	Ave		0.549 1			13.3		20.0				
Ethylene Dibromide	0.4871 0.3310	0.3464	0.3488	0.3350	0.3223	Ave		0.361 8		0.1000	17.2		20.0				
Chlorobenzene	1.2020 1.1275	1.1339	1.1532	1.1354	1.0833	Ave		1.139 2		0.5000	3.4		20.0				
1,1,1,2-Tetrachloroethane	0.5183 0.4503	0.4821	0.4849	0.4709	0.4354	Ave		0.473 7			6.1		20.0				
Ethylbenzene	0.8244 0.6291	0.6427	0.6562	0.6574	0.6141	Ave		0.670 7		0.1000	11.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.8735 0.8015	0.7860	0.8064	0.7987	0.7654	Ave		0.805 2			0.1000	4.5	20.0				
o-Xylene	0.8989 0.8526	0.8913	0.9031	0.8615	0.8174	Ave		0.870 8			0.3000	3.8	20.0				
Styrene	1.3437 1.3199	1.3358	1.3012	1.2758	1.2519	Ave		1.304 7			0.3000	2.7	20.0				
n-Butyl acrylate	0.3644 0.3006	0.3420	0.2920	0.2892	0.2821	Ave		0.311 7				10.7	20.0				
Bromoform	0.3147 0.2835	0.2759	0.2674	0.2712	0.2675	Ave		0.280 0			0.1000	6.4	20.0				
Amyl acetate (mixed isomers)	1.5139 1.0655	0.9447	0.9193	0.9858	0.9418	QuaF		0.875 1	0.0003798					1.0000		0.9900	
Isopropylbenzene	2.3367 2.3296	2.1665	2.3285	2.2819	2.2585	Ave		2.283 6			0.1000	2.9	20.0				
Bromobenzene	0.9078 0.9087	0.8227	0.8966	0.8827	0.8639	Ave		0.880 4				3.7	20.0				
1,1,2,2-Tetrachloroethane	1.0958 0.8584	0.8784	0.8510	0.8962	0.8280	Ave		0.901 3			0.3000	10.9	20.0				
1,2,3-Trichloropropane	0.2388 0.2287	0.2551	0.2213	0.2380	0.2190	Ave		0.233 5				5.7	20.0				
trans-1,4-Dichloro-2-butene	0.2063 0.2181	0.2652	0.2366	0.2290	0.2142	Ave		0.228 2				9.2	20.0				
N-Propylbenzene	4.5489 4.1408	4.3138	4.5184	4.5397	4.6101	Ave		4.445 3				4.1	20.0				
2-Chlorotoluene	2.7153 2.7412	2.5544	2.7372	2.6452	2.6344	Ave		2.671 3				2.7	20.0				
4-Ethyltoluene	4.0702 3.8417	3.6406	3.8311	3.8059	3.7707	Ave		3.826 7				3.7	20.0				
4-Chlorotoluene	3.0933 3.0654	2.7761	2.8281	2.8583	2.8417	Ave		2.910 5				4.6	20.0				
1,3,5-Trimethylbenzene	3.1682 3.5811	3.3224	3.4823	3.4838	3.4920	Ave		3.421 6				4.4	20.0				
Butyl Methacrylate	1.3081 1.0616	0.8257	0.8395	0.8809	0.9090	Ave		0.970 8				19.1	20.0				
tert-Butylbenzene	2.7258 3.0926	2.4426	2.6880	2.8001	2.9133	Ave		2.777 0				7.9	20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	4.1363 3.6261	3.3468	3.5113	3.5167	3.5653	Ave		3.617 1			7.5		20.0				
sec-Butylbenzene	4.6636 4.1633	4.0783	4.5198	4.5278	4.8052	Ave		4.459 7			6.4		20.0				
1,3-Dichlorobenzene	2.0114 1.8060	1.7916	1.7669	1.7169	1.6758	Ave		1.794 7		0.6000	6.5		20.0				
4-Isopropyltoluene	4.0312 3.6885	3.5609	4.0225	4.0094	4.1032	Ave		3.902 6			5.7		20.0				
1,4-Dichlorobenzene	1.9080 1.7742	1.7905	1.7229	1.6700	1.6858	Ave		1.758 6		0.5000	5.0		20.0				
1,2,3-Trimethylbenzene	3.5669 3.8951	3.6180	3.6327	3.7593	3.7768	Ave		3.708 1			3.3		20.0				
Benzyl chloride	2.2192 1.8413	1.7785	1.8192	1.7895	1.7240	Ave		1.861 9			9.6		20.0				
Indan	3.3720 3.5137	3.3447	3.3513	3.3825	3.3866	Ave		3.391 8			1.8		20.0				
1,2-Dichlorobenzene	1.7273 1.7632	1.7546	1.7898	1.7568	1.7048	Ave		1.749 4		0.4000	1.7		20.0				
p-Diethylbenzene	2.7574 2.4581	2.2752	2.4075	2.4087	2.4718	Ave		2.463 1			6.5		20.0				
n-Butylbenzene	2.0755 2.1707	1.9149	2.0968	2.0400	2.0980	Ave		2.066 0			4.1		20.0				
1,2,4,5-Tetramethylbenzene	4.0686 3.6788	3.8104	3.8488	3.8734	4.1523	Ave		3.905 4			4.5		20.0				
1,2-Dibromo-3-Chloropropane	0.3030 0.2341	0.2450	0.2253	0.2422	0.2223	Ave		0.245 3		0.0500	12.1		20.0				
1,3,5-Trichlorobenzene	1.6193 1.6063	1.6648	1.5896	1.5520	1.5739	Ave		1.601 0			2.5		20.0				
1,2,4-Trichlorobenzene	1.9303 1.5466	1.6012	1.5220	1.4478	1.4566	Ave		1.584 1		0.2000	11.3		20.0				
Hexachlorobutadiene	0.8062 0.7921	0.6511	0.7258	0.7158	0.7754	Ave		0.744 4			7.8		20.0				
Naphthalene	5.7260 3.6174	3.8637	3.5743	3.5679	3.4412	Lin2	2.217 3	3.493 2						1.0000		0.9900	
1,2,3-Trichlorobenzene	1.7643 1.4763	1.5476	1.4949	1.4251	1.4467	Ave		1.525 8			8.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.2540 0.2529	0.2588	0.2622	0.2657	0.2546	Ave		0.258 0			2.0		20.0				
1,2-Dichloroethane-d4 (Surr)	0.2680 0.2658	0.2714	0.2740	0.2747	0.2701	Ave		0.270 7			1.3		20.0				
Toluene-d8 (Surr)	1.4322 1.3541	1.4473	1.4696	1.4618	1.3698	Ave		1.422 5			3.4		20.0				
4-Bromofluorobenzene	0.4233 0.4375	0.4374	0.4441	0.4285	0.4404	Ave		0.435 2			1.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-878754/3	K40803.D
Level 2	STD5 460-878754/4	K40804.D
Level 3	STD20 460-878754/5	K40805.D
Level 4	STD50 460-878754/6	K40806.D
Level 5	STD200 460-878754/7	K40807.D
Level 6	STD500 460-878754/8	K40808.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	1547 1296821	14827	58037	143501	491805	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5896 4759437	32173	181576	428134	1850559	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	QuaF	1704 568739	6078	23783	61874	210866	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6885 4458974	39323	168270	410470	1723117	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	6180 2673206	22862	102278	240768	1021117	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5646 2966942	25750	116763	282111	1159358	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4657 2148820	22899	82967	206251	837839	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4232 1569328	15780	62064	144717	590535	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6875 4360021	35834	171651	412570	1658704	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6711 3742226	28998	143548	342646	1435211	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd 9	Ave	1521 769518	5597	28014	66164	284724	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3125 1332237	12221	51787	122090	485809	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3164 1763289	14456	74428	165622	675460	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3052 1964125	18214	79651	187544	712058	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd 9	Ave	++++ 394413	5987	18373	45150	160665	++++ 20000	200	800	2000	8000
1,1,1-Trifluoro-2,2-dichloroethane	FB	Lin2	9164 3041209	29643	124587	287395	1097917	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd 9	Ave	54209 329446	106929	154709	187881	249955	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	3010 1779369	15660	72393	168234	651449	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4789 2485442	18506	92754	213387	895507	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	10642 3434065	32376	105250	277598	1222550	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	7941 3700841	33830	144717	347019	1341130	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	12321 7079189	59406	279646	685074	2557946	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd 9	Ave	++++ 1565874	9053	39963	97632	467491	++++ 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	5479 2377978	27317	104133	238406	934940	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd 9	Ave	2484 2371240	24037	85876	215300	859736	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd 9	Ave	1970 1473724	11865	55081	144263	508172	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	8460 4229335	34328	172780	407574	1582837	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	3943 1997833	18924	80702	185621	734330	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd 9	Ave	5351 2948146	30155	106058	285879	1105374	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	11732 6237121	60052	241993	590703	2264788	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	4456 1904973	18484	76230	181948	705463	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	12167 5823432	55086	219531	537881	2144378	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Lin2	5223 1681071	15508	65757	160179	663308	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7022 3263300	30043	132449	311730	1208061	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd 9	Ave	1074 668527	6955	27288	59584	256979	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	12096 6133913	56021	226570	551073	2287301	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	3133 1800643	16438	68619	167973	680141	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	4353 2646176	23711	94611	229228	972919	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5041 2147351	21331	82391	200320	780271	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3035 1151618	12421	45838	105550	422206	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	QuaF	4118 1166726	11827	42575	99353	422788	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	763 376795	4648	15342	36481	139705	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd 9	Ave	5075 2718519	24267	99752	249479	1003137	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	3806	15605	73445	175372	729562	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			1996059					500				
Methacrylonitrile	FB	Ave	12332 7471345	62700	263904	648179	2674507	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2329 1062174	10039	39856	95508	384708	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	QuaF	2255 526940	5006	19397	48002	190235	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	6641 3349787	32083	126689	306627	1226198	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5749 3515047	29475	132894	313962	1273067	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5859 3699223	26423	132397	320365	1338586	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4878 2605255	22324	99246	239809	961766	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5112 3046606	24276	115191	276882	1104129	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd 9	Ave	++++ 717033	6549	27748	63820	266937	++++ 12500	125	500	1250	5000
Benzene	CBNZ d5	Ave	13138 7983090	72225	292603	716438	2861823	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5535 2511371	23113	91808	225309	896526	1.00 500	5.00	20.0	50.0	200
Isooctane	FB	Ave	14162 9257090	59731	279886	661204	3344367	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1313 701224	6963	23758	59158	259190	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	10781 6523243	55844	233138	550191	2338907	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	10070 3025067	24615	113241	258590	1142821	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd 9	Ave	4179 1716533	16925	60845	152691	639666	25.0 12500	125	500	1250	5000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	4741 2041465	16524	73480	178685	733424	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3954 2214204	17291	71407	172306	783249	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	9050 4408144	28775	153780	357094	1588009	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4416 1913489	16715	71534	166556	691598	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2164 1179338	10848	41742	102274	418507	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	5131 2512916	21448	84164	209151	901259	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	1251 459363	4951	17404	42116	172033	20.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Ave	5732 2542051	25132	86276	211696	939225	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	5776 2701086	23282	90576	224493	952344	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2311 1099945	11640	38333	97856	396552	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	BUT	Ave	6419 3901265	32713	131488	335264	1390317	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	5812 3277856	27870	109938	265053	1143860	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	18153 9406541	82964	327666	814514	3340743	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	16147 9126261	69538	319411	762565	3197479	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	5554 2924881	22898	94160	236346	1021625	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBNZ d5	Ave	5482 2459528	19719	82871	202221	864134	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	2778 1381773	11741	46541	109442	480172	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZ d5	Ave	4478 2297900	16816	78554	193098	819672	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	4270 2710484	22788	89815	221644	950658	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	13549 6130623	48001	193722	482243	2088514	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZ d5	Ave	3535 2102657	17153	65718	163411	718583	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZ d5	Ave	5478 2673896	21891	88672	210958	935497	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	3851 1725589	13775	58458	137773	607728	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	9502 5877606	45093	193288	467003	2042363	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	4097 2347255	19173	81271	193705	820966	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	6517 3279640	25558	109990	270395	1157754	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	6905 4177985	31257	135160	328507	1443020	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	7106 4444445	35445	151377	354327	1541055	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	10622	53122	218097	524769	2360310	1.00	5.00	20.0	50.0	200
			6880354					500				
n-Butyl acrylate	CBNZ d5	Ave	2881	13600	48942	118965	531900	1.00	5.00	20.0	50.0	200
			1567169					500				
Bromoform	CBNZ d5	Ave	2488	10972	44812	111529	504389	1.00	5.00	20.0	50.0	200
			1477765					500				
Amyl acetate (mixed isomers)	DCBd 4	QuaF	6796	22065	89613	226559	985177	1.00	5.00	20.0	50.0	200
			3129267					500				
Isopropylbenzene	CBNZ d5	Ave	18472	86157	390282	938591	4258009	1.00	5.00	20.0	50.0	200
			12144221					500				
Bromobenzene	DCBd 4	Ave	4075	19217	87400	202867	903682	1.00	5.00	20.0	50.0	200
			2668599					500				
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	4919	20517	82954	205975	866157	1.00	5.00	20.0	50.0	200
			2520860					500				
1,2,3-Trichloropropane	DCBd 4	Ave	1072	5958	21568	54688	229091	1.00	5.00	20.0	50.0	200
			671653					500				
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	926	6195	23065	52620	224093	1.00	5.00	20.0	50.0	200
			640636					500				
N-Propylbenzene	DCBd 4	Ave	20420	100761	440426	1043338	4822347	1.00	5.00	20.0	50.0	200
			12160592					500				
2-Chlorotoluene	DCBd 4	Ave	12189	59665	266807	607930	2755661	1.00	5.00	20.0	50.0	200
			8050252					500				
4-Ethyltoluene	DCBd 4	Ave	18271	85036	373434	874696	3944269	1.00	5.00	20.0	50.0	200
			11282188					500				

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	13886 9002502	64844	275668	656914	2972490	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	14222 10516822	77604	339439	800661	3652700	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	5872 3117819	19287	81828	202464	950815	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	12236 9082239	57054	262007	643528	3047369	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	18568 10648980	78175	342258	808227	3729456	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	20935 12226662	95260	440563	1040593	5026395	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	9029 5303901	41847	172223	394589	1752915	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	18096 10832298	83174	392092	921470	4292040	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	8565 5210535	41821	167935	383801	1763438	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	16012 11438978	84508	354098	863980	3950697	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	9962 5407357	41541	177326	411265	1803398	1.00 500	5.00	20.0	50.0	200
Indan	DCBd 4	Ave	15137 10318841	78125	326670	777376	3542446	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCBd 4	Ave	7754 5178212	40984	174456	403754	1783267	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	12378 7218850	53144	234665	553581	2585533	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	9317 6374821	44729	204384	468847	2194583	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	18264 10803936	89002	375163	890197	4343439	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1360 687478	5722	21957	55663	232544	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	7269 4717236	38886	154943	356684	1646371	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	8665 4541895	37400	148356	332752	1523664	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	3619 2326327	15208	70750	164515	811062	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Lin2	25704 10623399	90247	348400	820004	3599641	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	7920 4335462	36149	145711	327528	1513335	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	142066 164823	148441	155432	150867	153790	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	149897 173239	155703	162396	155952	163129	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	566092	575543	615833	601265	645652	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			705877					50.0				
4-Bromofluorobenzene	CBNZ d5	Ave	167296	173940	186083	176251	207584	50.0	50.0	50.0	50.0	50.0
			228074					50.0				

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 878754

SDG No.: _____

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/18/2022 15:37 Calibration End Date: 11/18/2022 17:30 Calibration ID: 91650

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-878754/3	K40803.D
Level 2	STD5 460-878754/4	K40804.D
Level 3	STD20 460-878754/5	K40805.D
Level 4	STD50 460-878754/6	K40806.D
Level 5	STD200 460-878754/7	K40807.D
Level 6	STD500 460-878754/8	K40808.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,1,1-Trifluoro-2,2-dichloroethane	0.7						30					
Hexane	2.2						30					
Naphthalene	0.4						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 18-Nov-2022 15:37:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0153407-003
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:37 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:24:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.096	1.153	-0.057	1	1547	1.00	0.6463	M
4 Dichlorodifluoromethane	85	1.153	1.176	-0.023	1	5896	1.00	0.7706	M
5 Chlorodifluoromethane	67	1.187	1.176	0.011	28	1704	1.00	1.68	Ma
6 Chloromethane	50	1.279	1.302	-0.023	77	6885	1.00	0.8940	
7 Butadiene	54	1.336	1.359	-0.023	33	6180	1.00	1.26	
8 Vinyl chloride	62	1.347	1.382	-0.035	30	5646	1.00	1.05	
9 Bromomethane	94	1.565	1.576	-0.011	73	4657	1.00	1.13	M
10 Chloroethane	64	1.622	1.610	0.012	7	4232	1.00	1.37	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	92	6875	1.00	0.9116	
12 Trichlorofluoromethane	101	1.759	1.805	-0.046	35	6711	1.00	1.03	M
13 Pentane	72	1.816	1.816	0.000	95	1521	2.00	2.31	Ma
15 Ethyl ether	59	1.930	1.953	-0.023	26	3125	1.00	1.26	M
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	85	3164	1.00	1.00	M
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.953	1.976	-0.023	74	3052	1.00	0.8836	M
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.976	2.010	-0.034	42	9164	1.00	1.01	
19 Acrolein	56	2.033	2.045	-0.012	96	54209	100.0	109.8	
21 1,1-Dichloroethene	96	2.102	2.113	-0.011	88	3010	1.00	0.9574	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.125	2.147	-0.022	69	4789	1.00	1.13	
22 Acetone	43	2.136	2.159	-0.023	63	10642	5.00	9.75	M
23 Iodomethane	142	2.216	2.227	-0.011	94	7941	1.00	1.17	
25 Carbon disulfide	76	2.262	2.273	-0.011	96	12321	1.00	0.99	
26 3-Chloro-1-propene	39	2.353	2.376	-0.023	79	5479	1.00	1.14	
27 Methyl acetate	43	2.376	2.388	-0.012	48	2484	2.00	1.26	M
28 Cyclopentene	67	2.433	2.433	0.000	65	8460	1.00	1.11	
29 Acetonitrile	39	2.433	2.433	0.000	2	1970	10.0	8.06	Ma
31 Methylene Chloride	84	2.445	2.456	-0.011	92	3943	1.00	1.08	
* 30 TBA-d9 (IS)	46	2.525	2.536	-0.011	95	112294	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.536	2.593	-0.057	33	5351	10.0	9.97	M
35 Acrylonitrile	53	2.627	2.650	-0.023	46	11732	10.0	10.4	
33 Methyl tert-butyl ether	73	2.662	2.673	-0.011	58	12167	1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	58	4456	1.00	1.23	
36 Hexane	43	2.890	2.890	0.000	71	5223	1.00	1.02	Ma
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	70	7022	1.00	1.16	
39 Vinyl acetate	86	3.039	3.050	-0.011	87	1074	2.00	1.77	
37 Isopropyl ether	45	3.050	3.073	-0.023	57	12096	1.00	1.10	
40 2-Chloro-1,3-butadiene	88	3.085	3.073	0.012	40	3133	1.00	0.9829	
41 Tert-butyl ethyl ether	87	3.370	3.370	0.000	63	4353	1.00	0.9673	
* 42 2-Butanone-d5	46	3.439	3.462	-0.023	97	258474	250.0	250.0	
43 2,2-Dichloropropane	79	3.496	3.496	0.000	37	3035	1.00	1.34	
44 cis-1,2-Dichloroethene	96	3.496	3.496	0.000	33	5041	1.00	1.24	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	40	4118	5.00	10.7	
45 Ethyl acetate	70	3.542	3.565	-0.023	68	763	2.00	2.14	
48 Propionitrile	54	3.553	3.565	-0.012	30	5075	10.0	10.5	a
47 Methyl acrylate	55	3.599	3.599	0.000	52	3806	1.00	1.11	Ma
50 Chlorobromomethane	128	3.702	3.702	0.000	56	2329	1.00	1.20	
51 Methacrylonitrile	67	3.668	3.702	-0.034	87	12332	10.0	9.87	
49 Tetrahydrofuran	72	3.770	3.771	0.000	20	2255	2.00	5.18	Ma
52 Chloroform	83	3.759	3.782	-0.023	65	6641	1.00	1.10	M
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.931	-0.012	96	142066	50.0	49.2	
54 1,1,1-Trichloroethane	97	3.953	3.965	-0.012	96	5749	1.00	0.9614	
53 Cyclohexane	84	4.010	4.022	-0.012	82	5859	1.00	0.9734	
57 1,1-Dichloropropene	75	4.102	4.113	-0.011	76	4878	1.00	1.06	
56 Carbon tetrachloride	117	4.125	4.125	0.000	78	5112	1.00	0.9870	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	149897	50.0	49.5	
60 Benzene	78	4.308	4.319	-0.011	84	13138	1.00	1.00	
64 1,2-Dichloroethane	62	4.319	4.331	-0.012	41	5535	1.00	1.22	a
59 Isooctane	57	4.399	4.411	-0.012	94	14162	1.00	1.02	
62 Isopropyl acetate	61	4.422	4.411	0.011	64	1313	1.00	1.07	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	81	10781	1.00	0.9871	
* 66 Fluorobenzene	96	4.593	4.605	-0.012	99	559285	50.0	50.0	
65 n-Heptane	43	4.593	4.616	-0.023	55	10070	1.00	1.89	
68 n-Butanol	56	4.925	4.936	-0.011	46	4179	25.0	32.4	M
69 Trichloroethene	95	4.993	4.993	0.000	92	4741	1.00	1.30	
70 Ethyl acrylate	55	5.119	5.131	-0.012	11	3954	1.00	1.10	a
71 Methylcyclohexane	83	5.211	5.211	0.000	86	9050	1.00	1.24	
72 1,2-Dichloropropane	63	5.222	5.234	-0.012	51	4416	1.00	1.27	
77 Dibromomethane	93	5.359	5.359	0.000	53	2164	1.00	1.06	
74 Methyl methacrylate	69	5.382	5.394	-0.012	92	5131	2.00	2.38	M
* 73 1,4-Dioxane-d8	96	5.336	5.405	-0.069	95	30315	1000.0	1000.0	
75 1,4-Dioxane	88	5.439	5.416	0.023	30	1251	20.0	30.9	Ma
76 n-Propyl acetate	43	5.462	5.485	-0.023	73	5732	1.00	1.25	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	81	5776	1.00	1.24	
79 2-Nitropropane	41	5.828	5.839	-0.011	76	2311	2.00	2.30	
80 Epichlorohydrin	57	5.999	5.999	0.000	67	6419	20.0	20.6	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	90	5812	1.00	1.11	
82 4-Methyl-2-pentanone (MIBK)	43	6.342	6.331	0.011	94	18153	5.00	5.77	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	566092	50.0	50.3	
84 Toluene	91	6.525	6.536	-0.011	90	16147	1.00	1.11	
85 trans-1,3-Dichloropropene	75	6.845	6.834	0.011	89	5554	1.00	1.20	
86 Ethyl methacrylate	69	7.005	7.017	-0.012	75	5482	1.00	1.34	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	65	2778	1.00	1.23	
88 Tetrachloroethene	166	7.257	7.257	0.000	92	4478	1.00	1.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.302	7.302	0.000	87	4270	1.00	1.01	M
90 2-Hexanone	43	7.474	7.462	0.012	96	13549	5.00	6.79	
92 Chlorodibromomethane	129	7.599	7.611	-0.012	91	3535	1.00	1.09	
91 n-Butyl acetate	43	7.691	7.691	0.000	89	5478	1.00	1.26	
93 Ethylene Dibromide	107	7.748	7.748	0.000	85	3851	1.00	1.35	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	86	395261	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	87	9502	1.00	1.06	
97 1,1,1,2-Tetrachloroethane	131	8.617	8.628	-0.011	67	4097	1.00	1.09	
96 Ethylbenzene	106	8.674	8.674	0.000	97	6517	1.00	1.23	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	6905	1.00	1.08	
100 o-Xylene	106	9.337	9.337	0.000	88	7106	1.00	1.03	
101 Styrene	104	9.360	9.360	0.000	93	10622	1.00	1.03	
99 n-Butyl acrylate	73	9.371	9.371	0.000	85	2881	1.00	1.17	
103 Bromoform	173	9.542	9.543	0.000	95	2488	1.00	1.12	
102 Amyl acetate (mixed isomers)	43	9.645	9.657	-0.012	90	6796	1.00	1.73	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	18472	1.00	1.02	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	96	167296	50.0	48.6	
106 Bromobenzene	156	10.057	10.045	0.012	92	4075	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	80	4919	1.00	1.22	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	12	1072	1.00	1.02	a
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	31	926	1.00	0.9038	Ma
108 N-Propylbenzene	91	10.194	10.194	0.000	99	20420	1.00	1.02	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	12189	1.00	1.02	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	18271	1.00	1.06	
114 4-Chlorotoluene	91	10.365	10.365	0.000	95	13886	1.00	1.06	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	14222	1.00	0.9259	
115 Butyl Methacrylate	87	10.514	10.514	0.000	90	5872	1.00	1.35	
116 tert-Butylbenzene	119	10.674	10.674	0.000	94	12236	1.00	0.9815	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	96	18568	1.00	1.14	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	20935	1.00	1.05	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	95	9029	1.00	1.12	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.006	-0.001	96	224450	50.0	50.0	
119 4-Isopropyltoluene	119	11.005	11.017	-0.012	94	18096	1.00	1.03	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	95	8565	1.00	1.08	
123 1,2,3-Trimethylbenzene	105	11.085	11.086	-0.001	97	16012	1.00	0.9619	
124 Benzyl chloride	91	11.154	11.154	0.000	97	9962	1.00	1.19	
125 2,3-Dihydroindene	117	11.245	11.246	-0.001	94	15137	1.00	0.99	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	77	7754	1.00	0.9874	
126 p-Diethylbenzene	119	11.337	11.337	0.000	93	12378	1.00	1.12	
127 n-Butylbenzene	92	11.348	11.348	0.000	96	9317	1.00	1.00	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	97	18264	1.00	1.04	
130 1,2-Dibromo-3-Chloropropane	157	11.966	11.966	0.000	47	1360	1.00	1.24	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	94	7269	1.00	1.01	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	90	8665	1.00	1.22	
133 Hexachlorobutadiene	225	12.708	12.709	-0.001	93	3619	1.00	1.08	
134 Naphthalene	128	12.743	12.743	0.000	99	25704	1.00	1.00	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	92	7920	1.00	1.16	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.47	
S 137 Xylenes, Total	100				0		2.00	2.12	
S 139 Total BTEX	1				0		5.00	5.46	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00502	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00162	Amount Added: 1.00	Units: uL	
ACROLEIN W_00146	Amount Added: 10.00	Units: uL	
524freon_00060	Amount Added: 1.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D

Injection Date: 18-Nov-2022 15:37:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD1

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

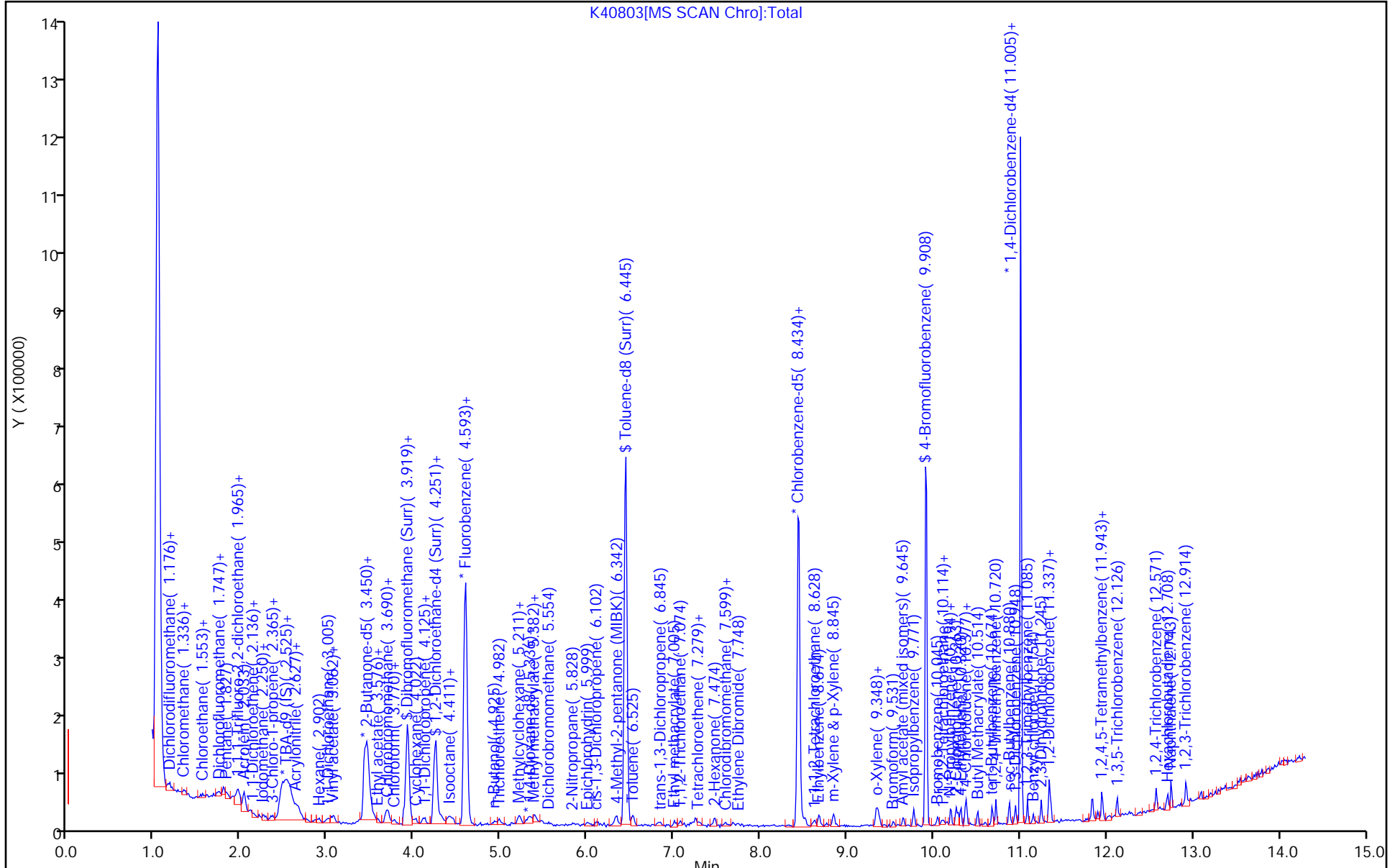
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



K40803[MS SCAN Chro]:Total

Eurofins Edison

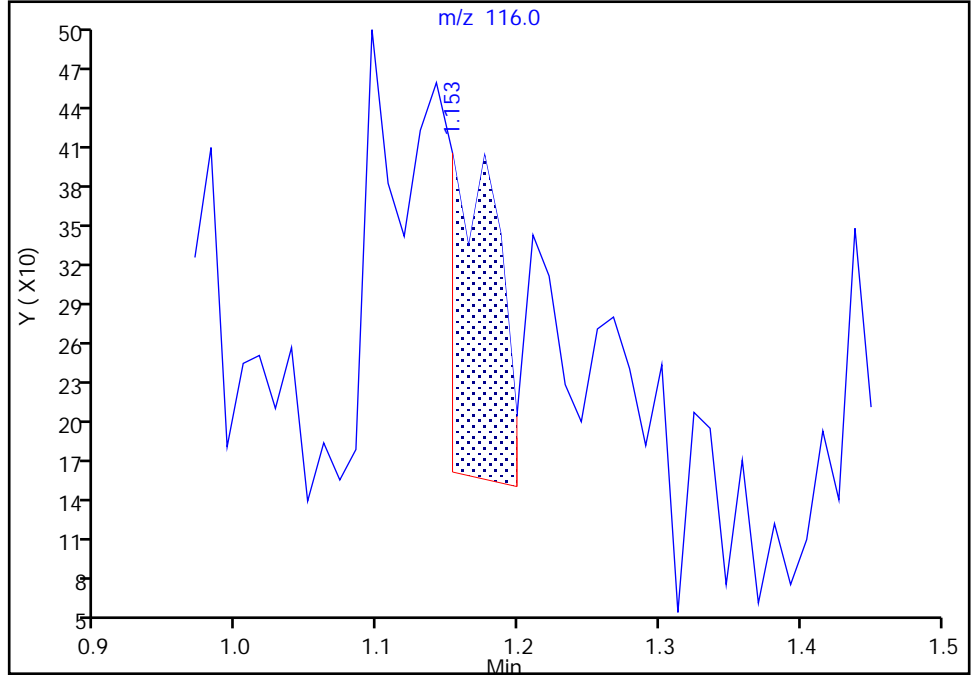
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Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

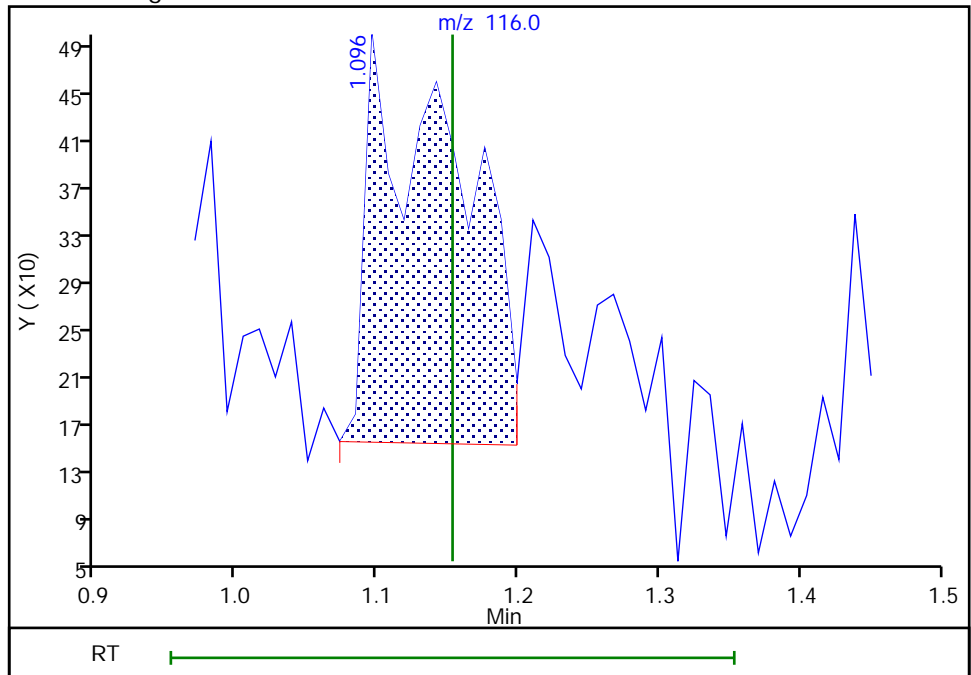
RT: 1.15
Area: 617
Amount: 0.257765
Amount Units: ug/l

Processing Integration Results



RT: 1.10
Area: 1547
Amount: 0.646314
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:11:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

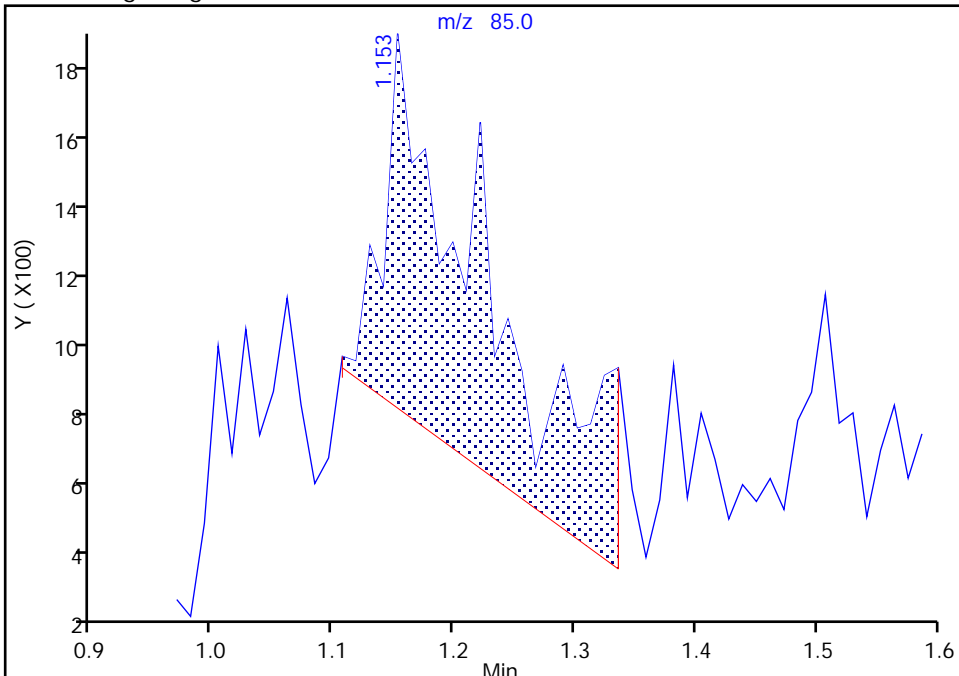
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Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

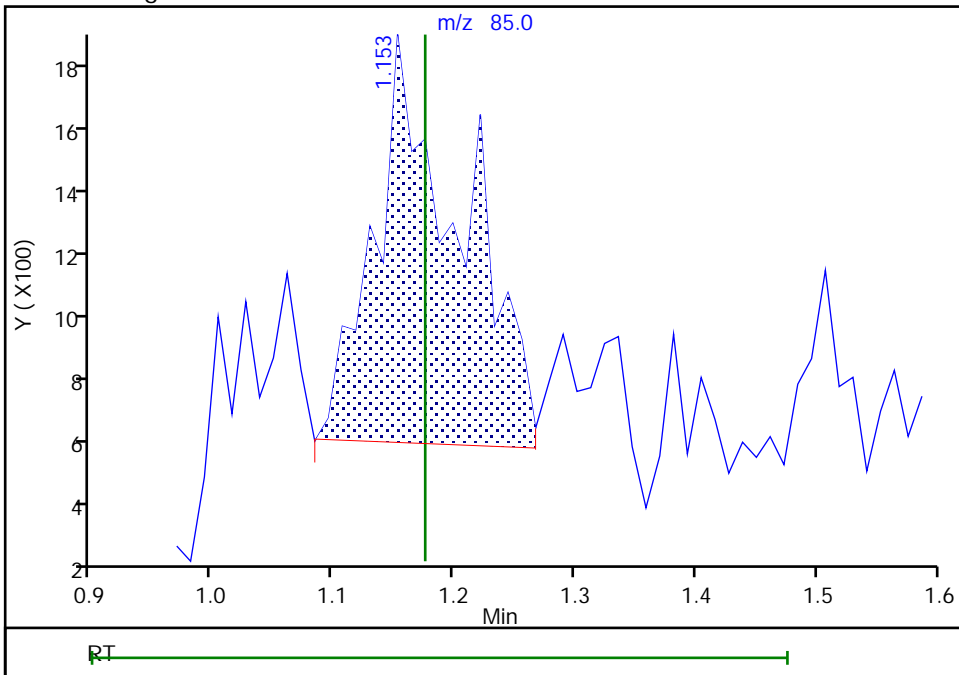
RT: 1.15
Area: 6139
Amount: 0.798132
Amount Units: ug/l

Processing Integration Results



RT: 1.15
Area: 5896
Amount: 0.770597
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:10:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

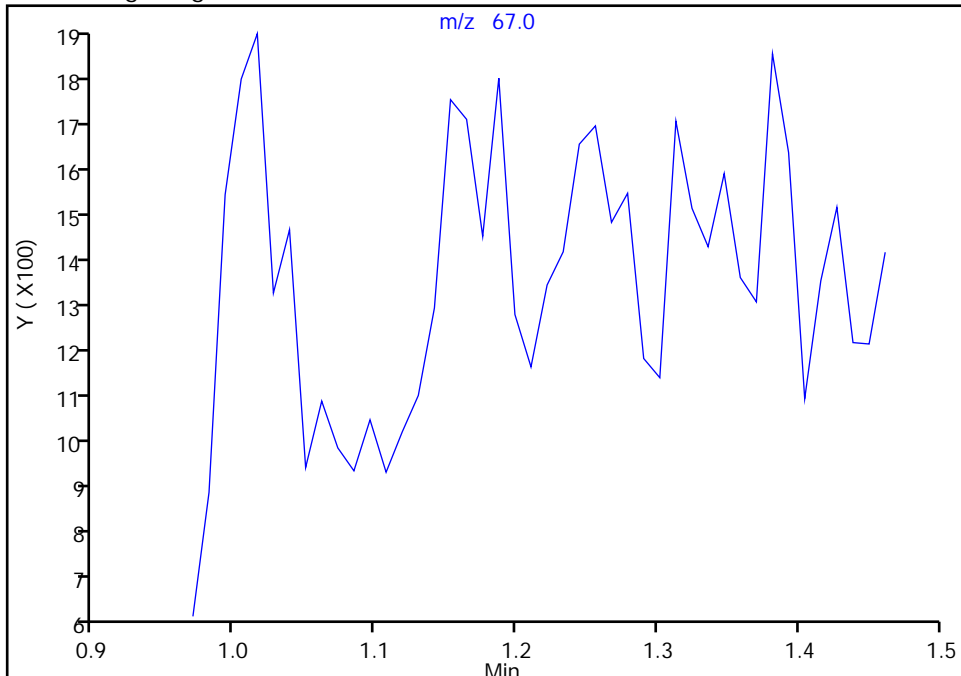
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

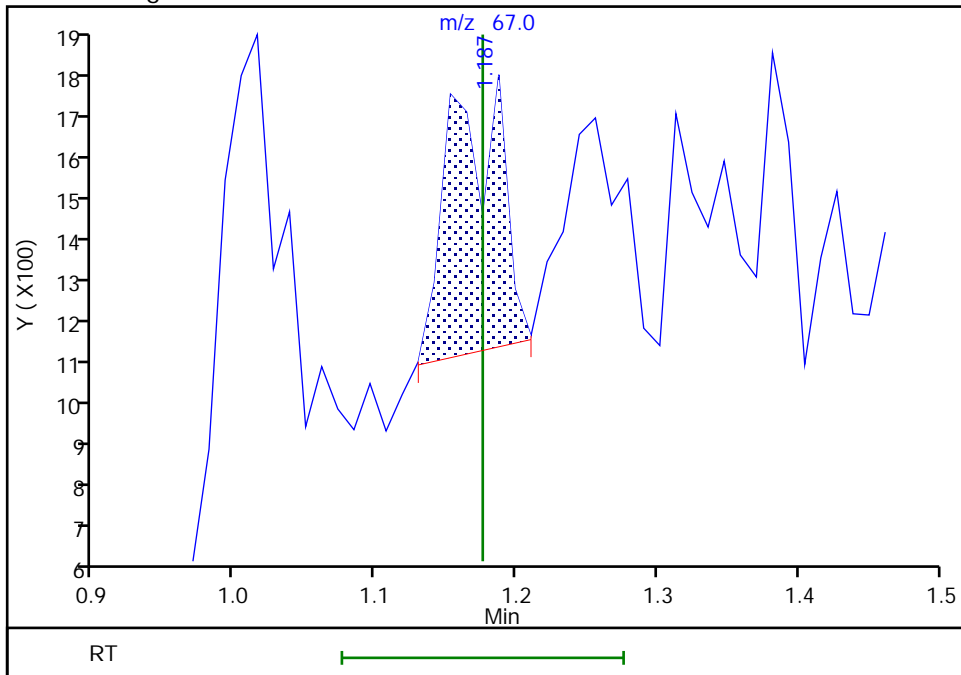
Not Detected
Expected RT: 1.18

Processing Integration Results



Manual Integration Results

RT: 1.19
Area: 1704
Amount: 1.681801
Amount Units: ug/l



Reviewer: W9CM, 19-Nov-2022 08:33:24
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 58 of 617

Eurofins Edison

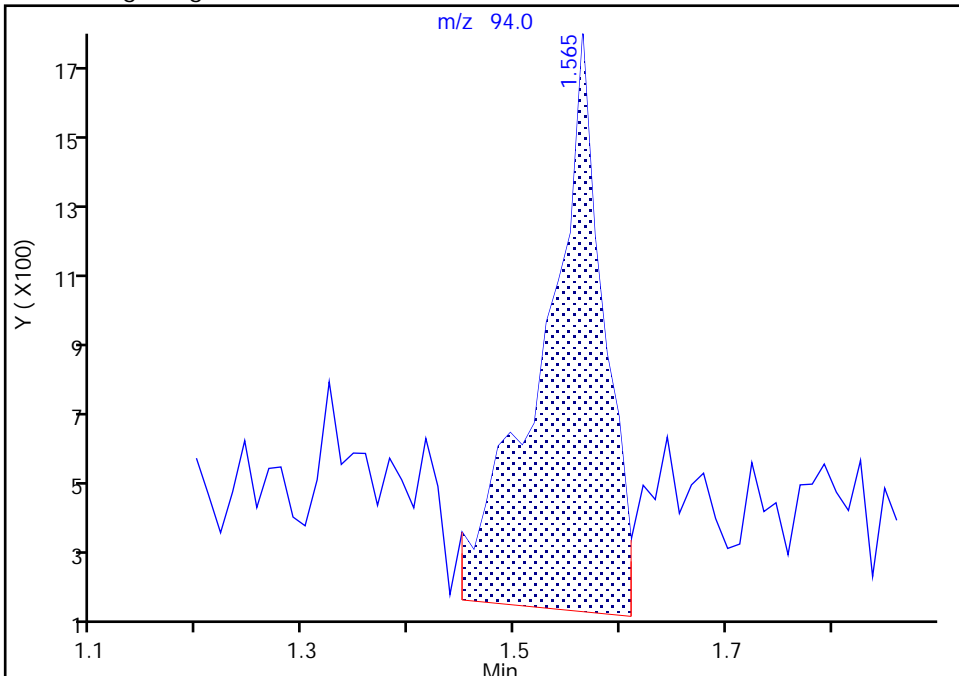
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

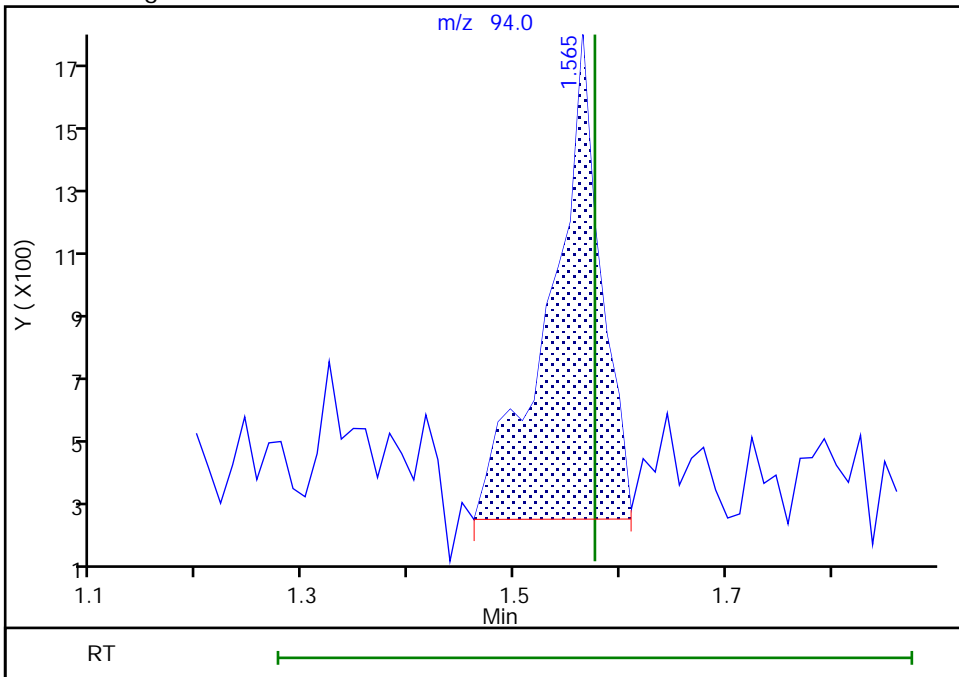
RT: 1.56
Area: 6336
Amount: 1.577296
Amount Units: ug/l

Processing Integration Results



RT: 1.56
Area: 4657
Amount: 1.132777
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:11:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

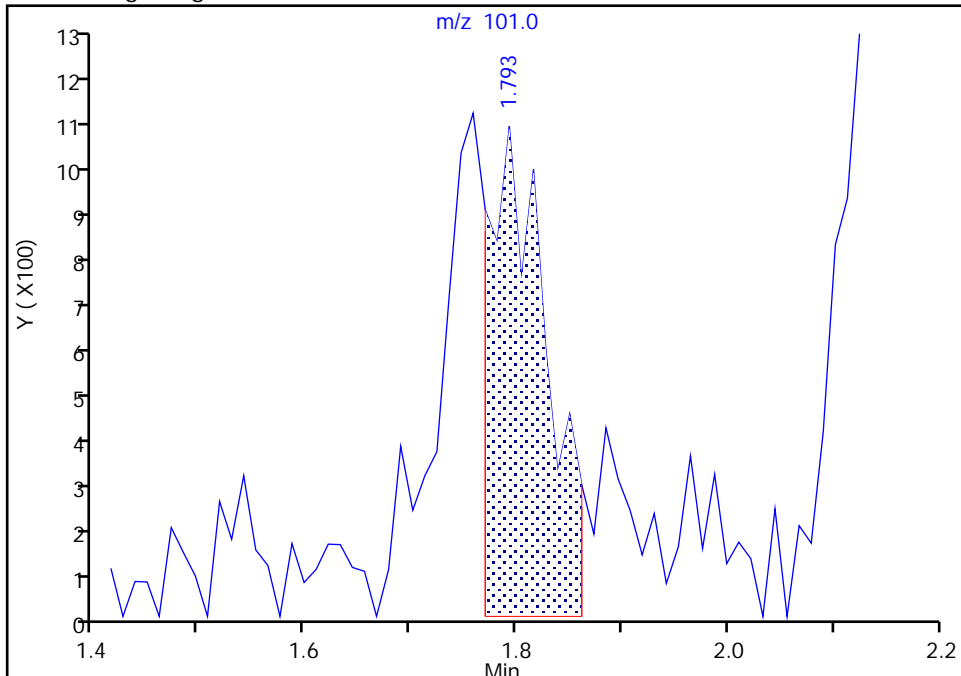
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

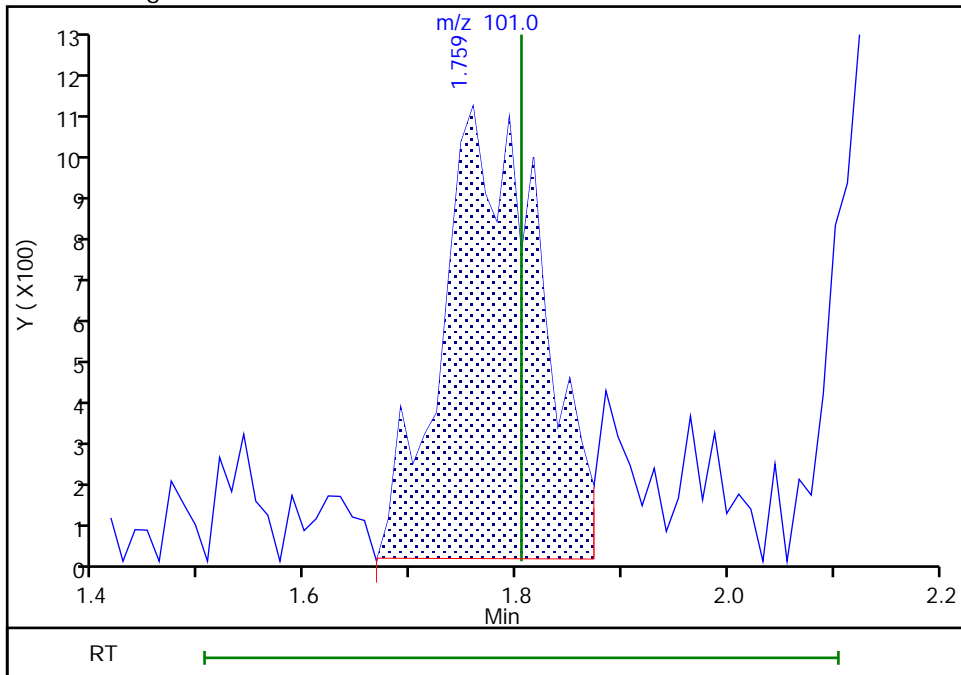
RT: 1.79
Area: 3966
Amount: 0.657149
Amount Units: ug/l

Processing Integration Results



RT: 1.76
Area: 6711
Amount: 1.033629
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:11:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

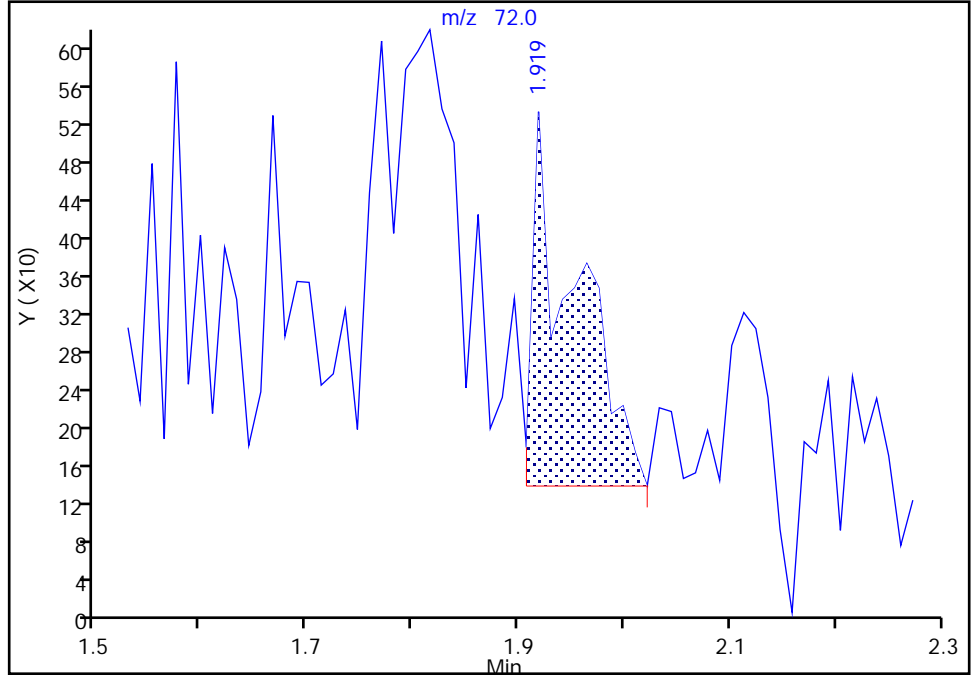
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

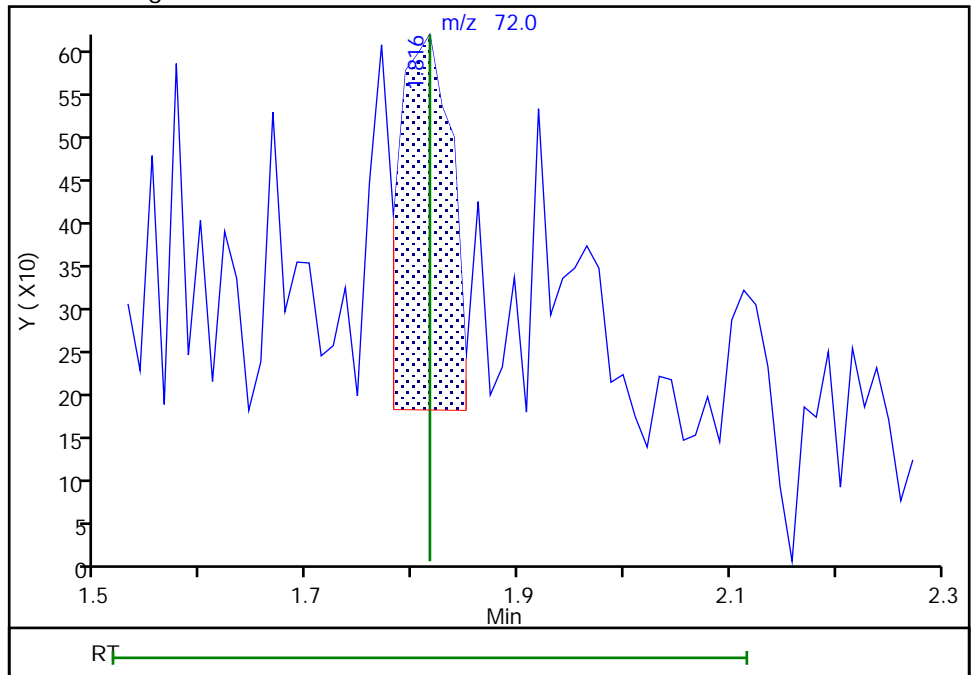
RT: 1.92
Area: 1127
Amount: 2.034609
Amount Units: ug/l

Processing Integration Results



RT: 1.82
Area: 1521
Amount: 2.307671
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:33:56
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins Edison

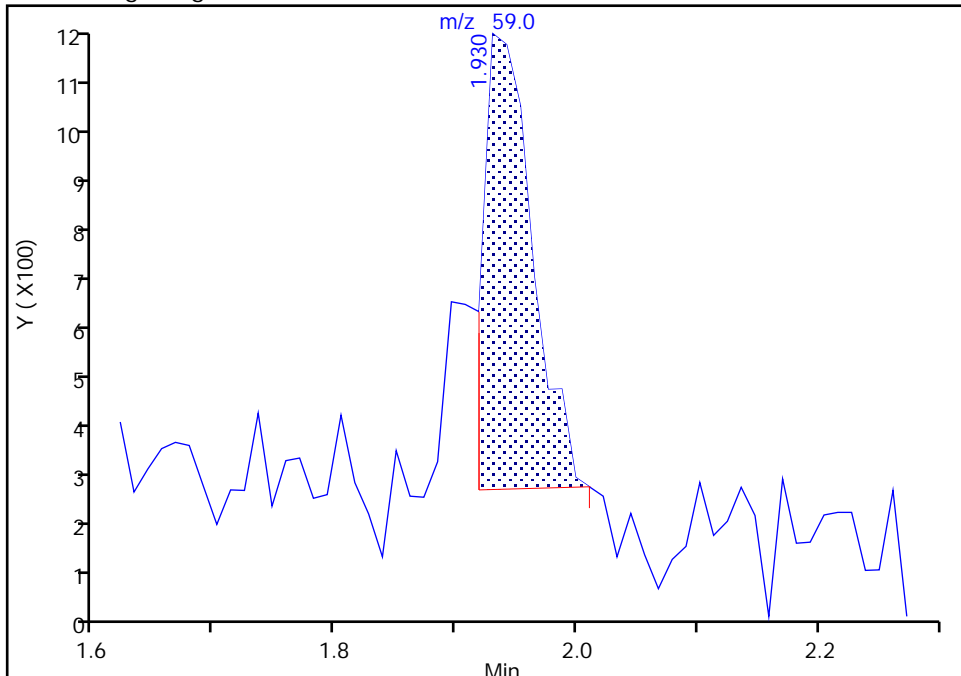
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

15 Ethyl ether, CAS: 60-29-7

Signal: 1

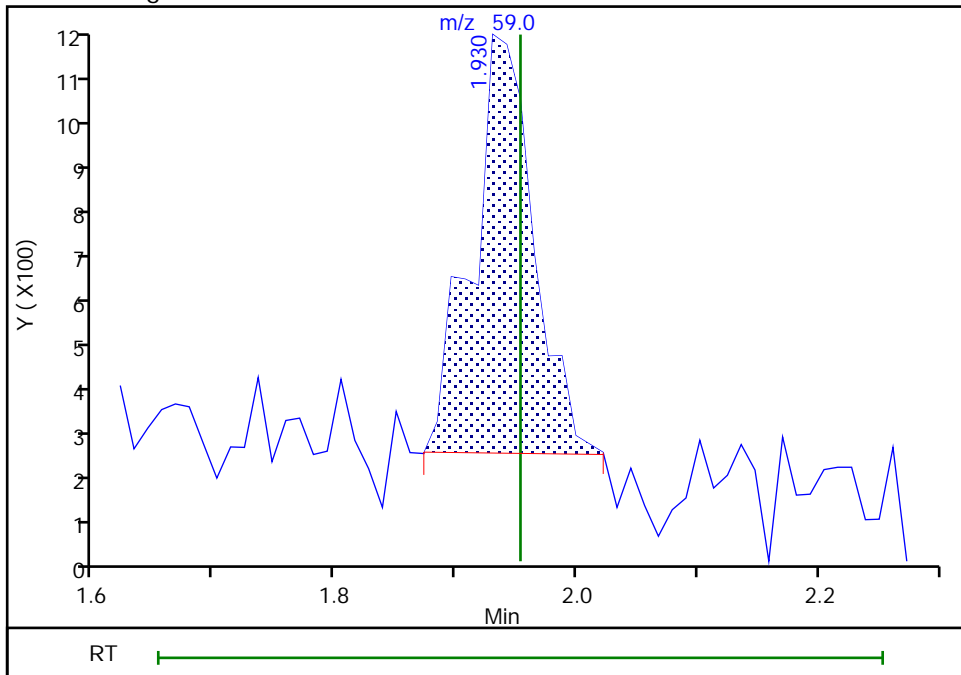
RT: 1.93
Area: 2467
Amount: 1.039884
Amount Units: ug/l

Processing Integration Results



RT: 1.93
Area: 3125
Amount: 1.259042
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:12:20
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

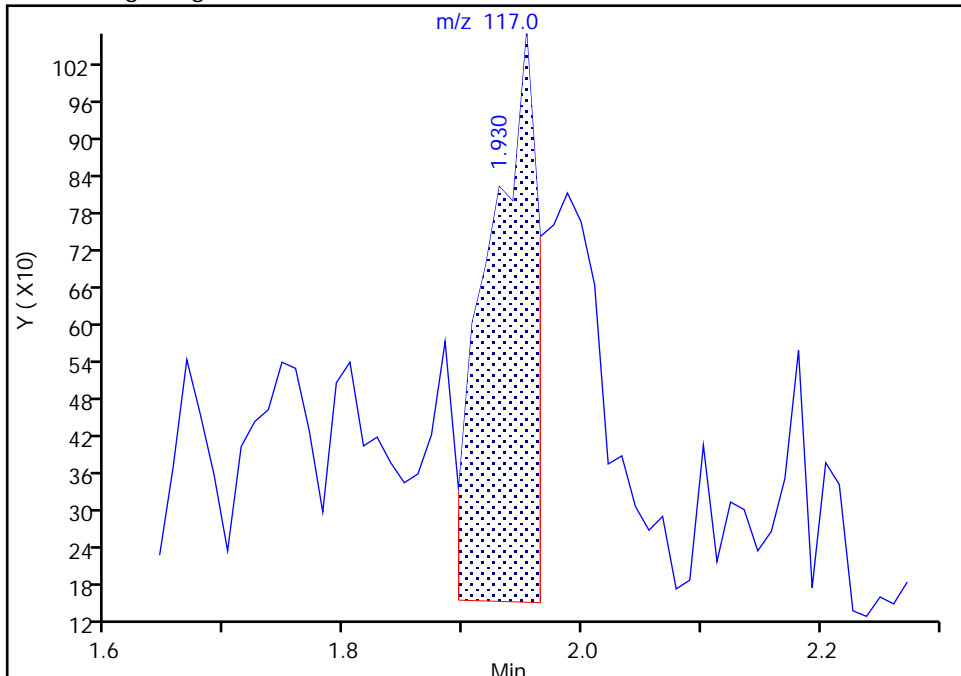
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

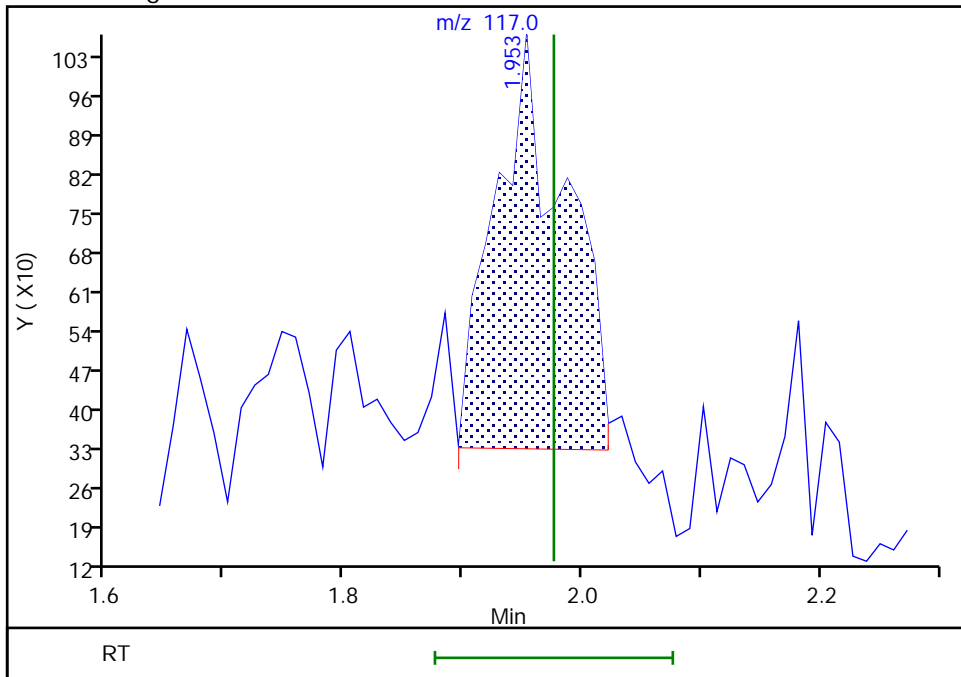
RT: 1.93
Area: 2715
Amount: 0.799040
Amount Units: ug/l

Processing Integration Results



RT: 1.95
Area: 3052
Amount: 0.883615
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:12:37
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

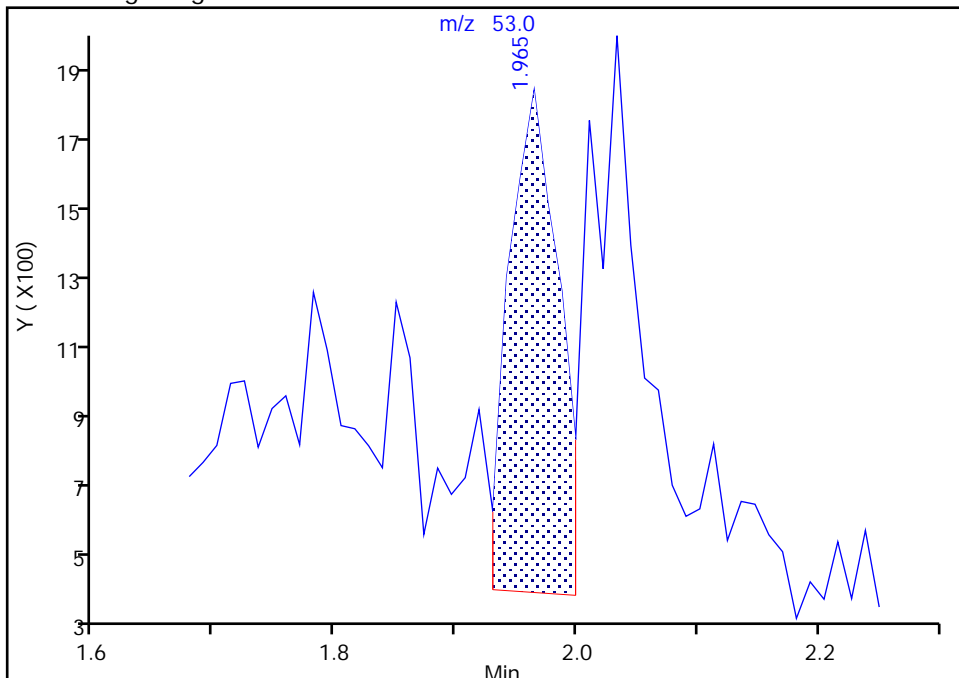
Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D		
Injection Date:	18-Nov-2022 15:37:30	Instrument ID:	CVOAMS9
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	3

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

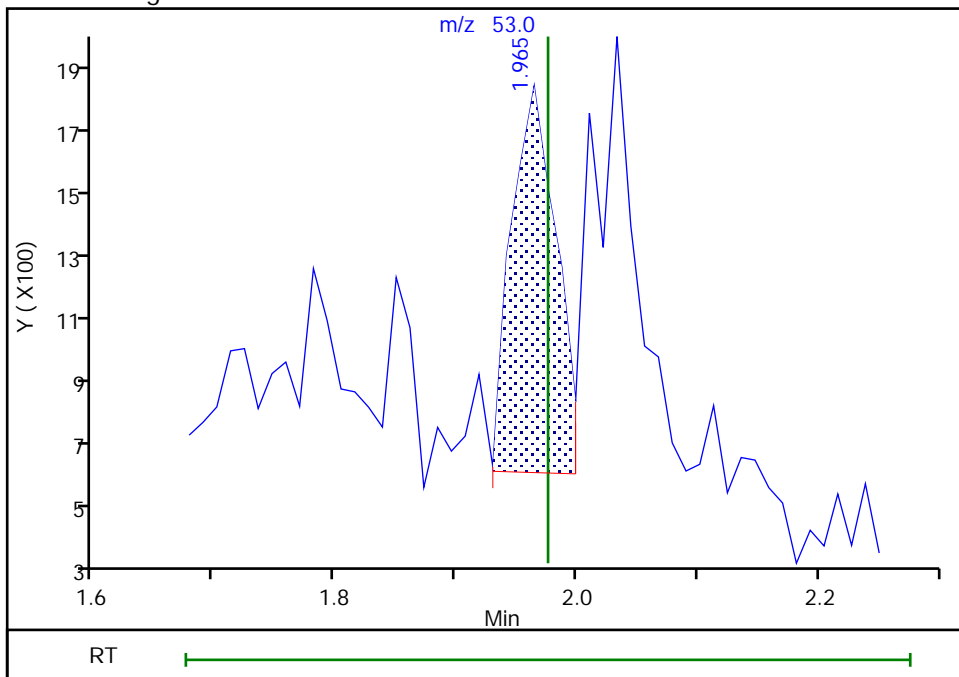
RT: 1.96
 Area: 4172
 Amount: 1.256703
 Amount Units: ug/l

Processing Integration Results



RT: 1.96
 Area: 3164
 Amount: 1.003871
 Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:34:12
 Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

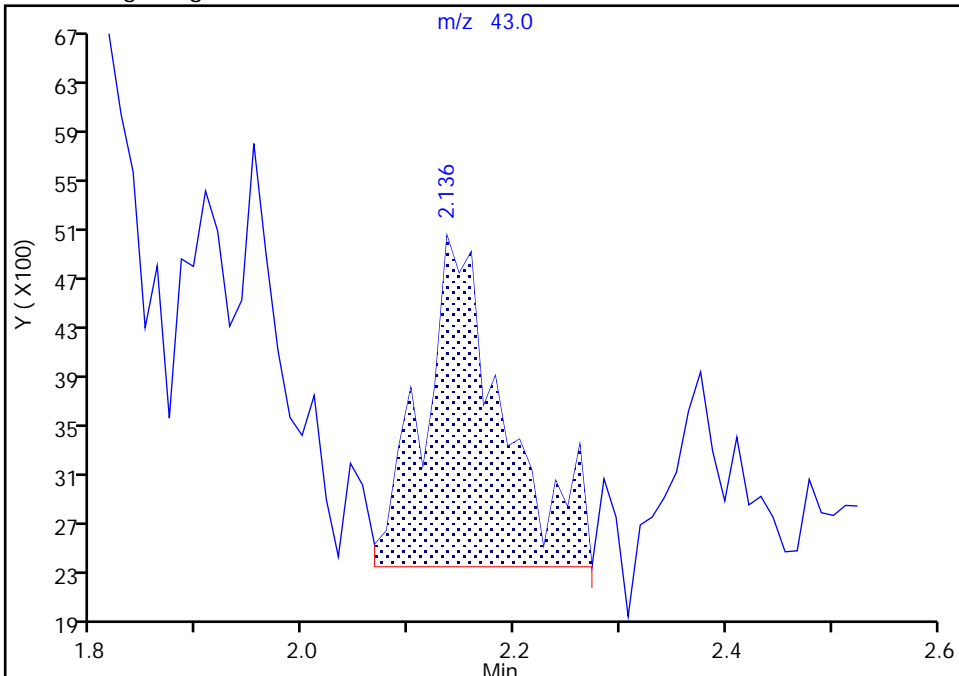
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

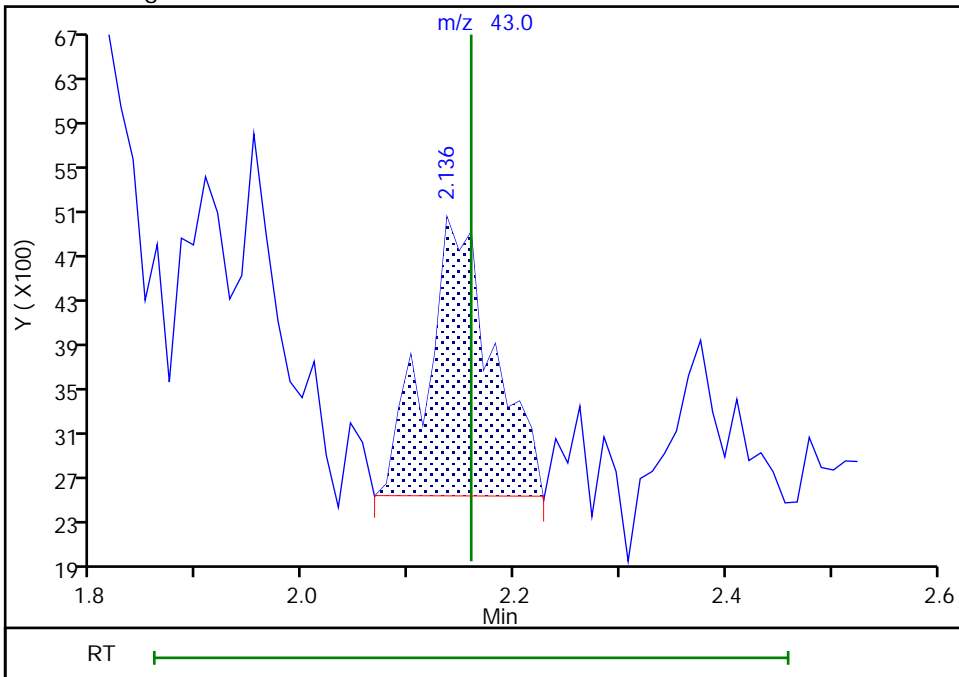
RT: 2.14
Area: 13958
Amount: 12.783612
Amount Units: ug/l

Processing Integration Results



RT: 2.14
Area: 10642
Amount: 9.747183
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:13:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

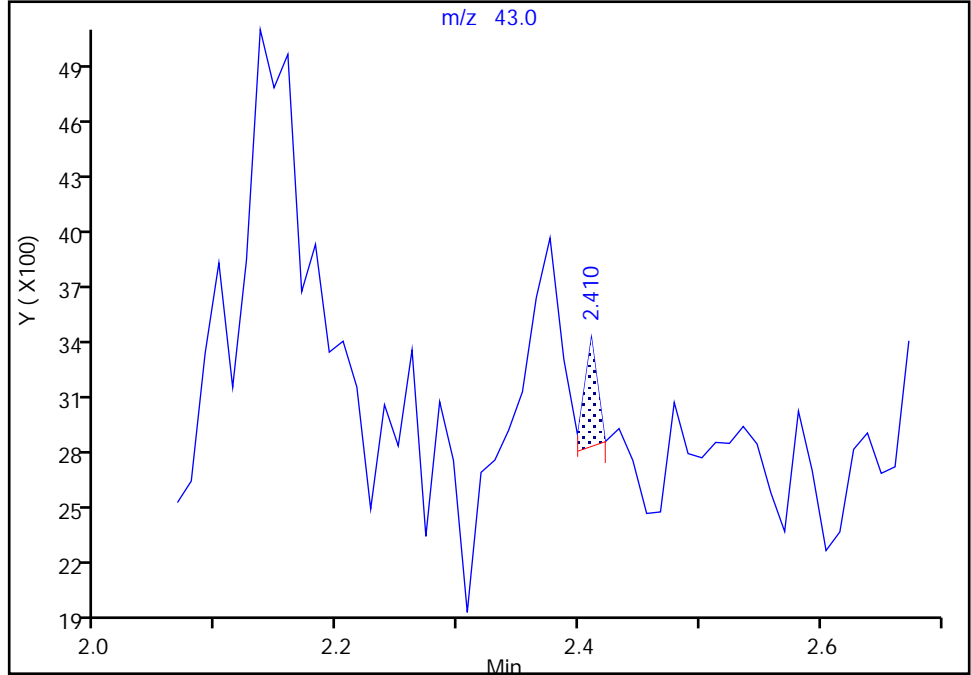
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

27 Methyl acetate, CAS: 79-20-9

Signal: 1

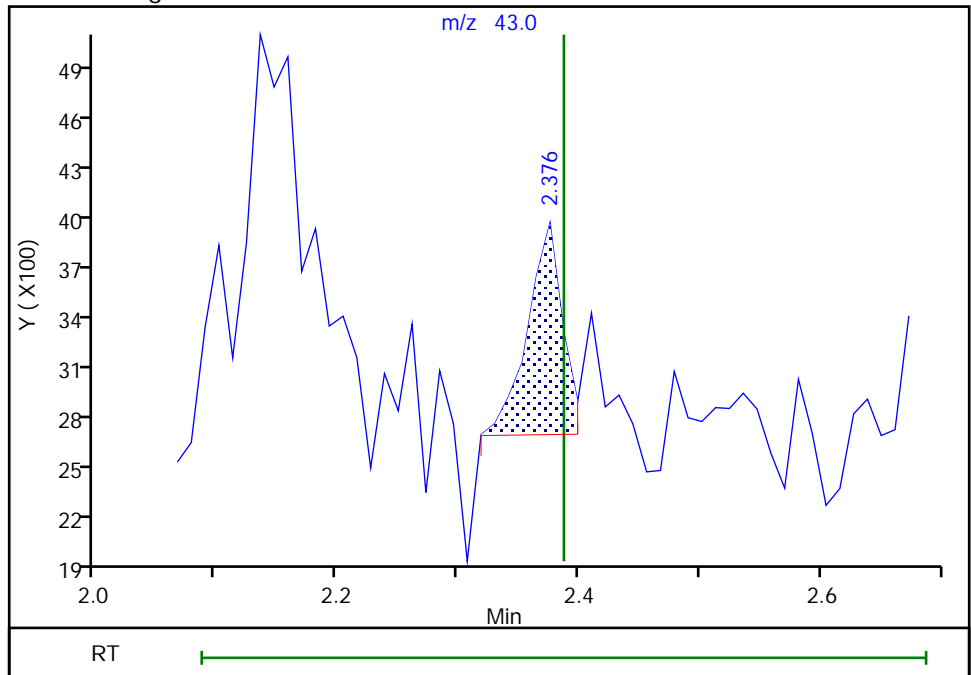
RT: 2.41
Area: 444
Amount: 0.246634
Amount Units: ug/l

Processing Integration Results



RT: 2.38
Area: 2484
Amount: 1.260763
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:13:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

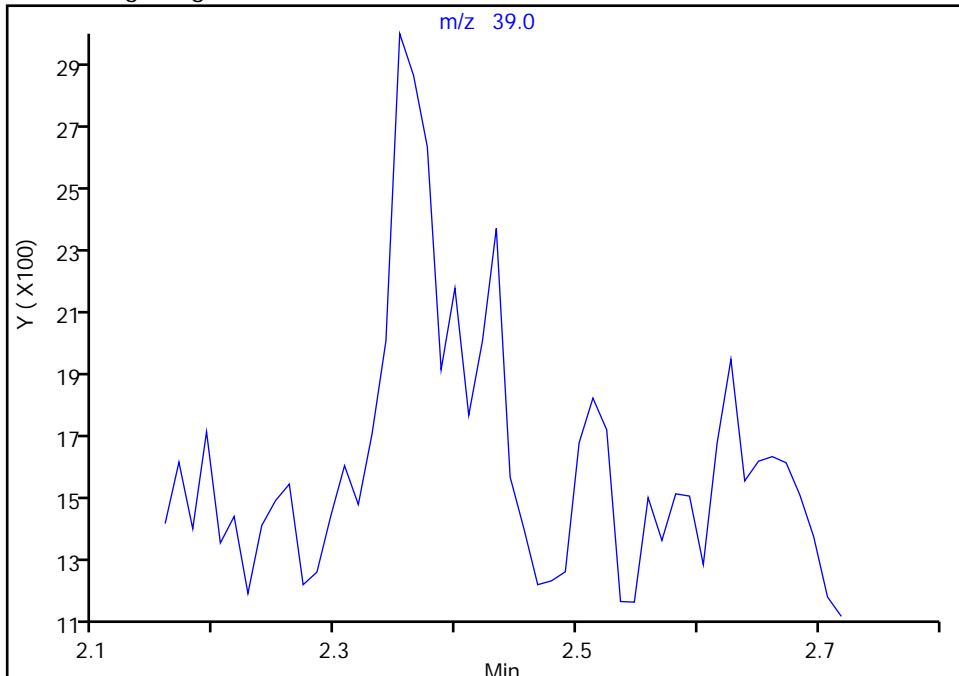
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

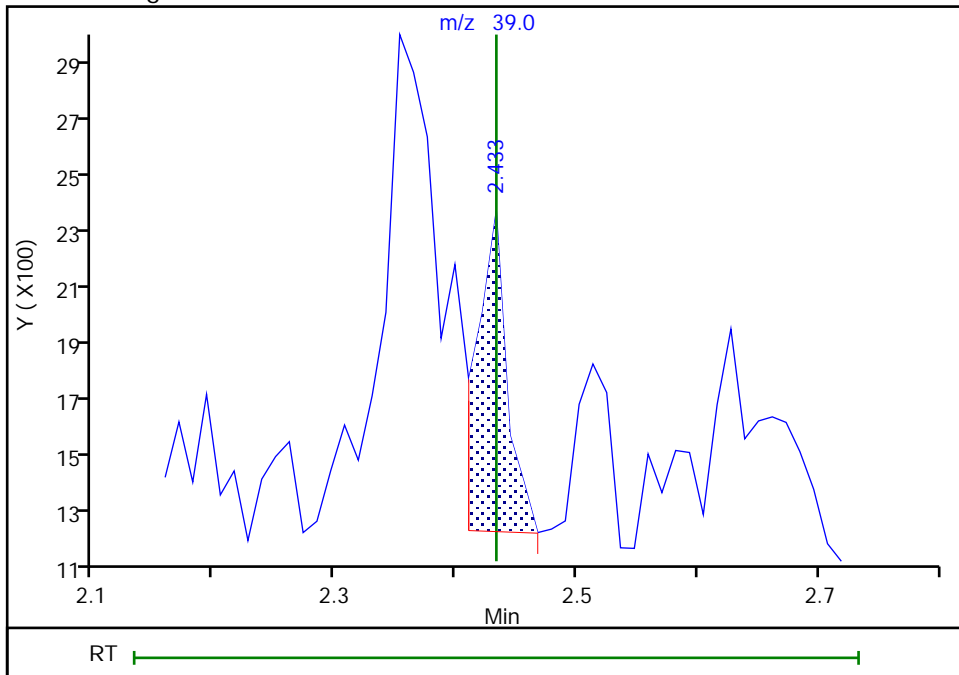
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 1970
Amount: 8.061375
Amount Units: ug/l



Eurofins Edison

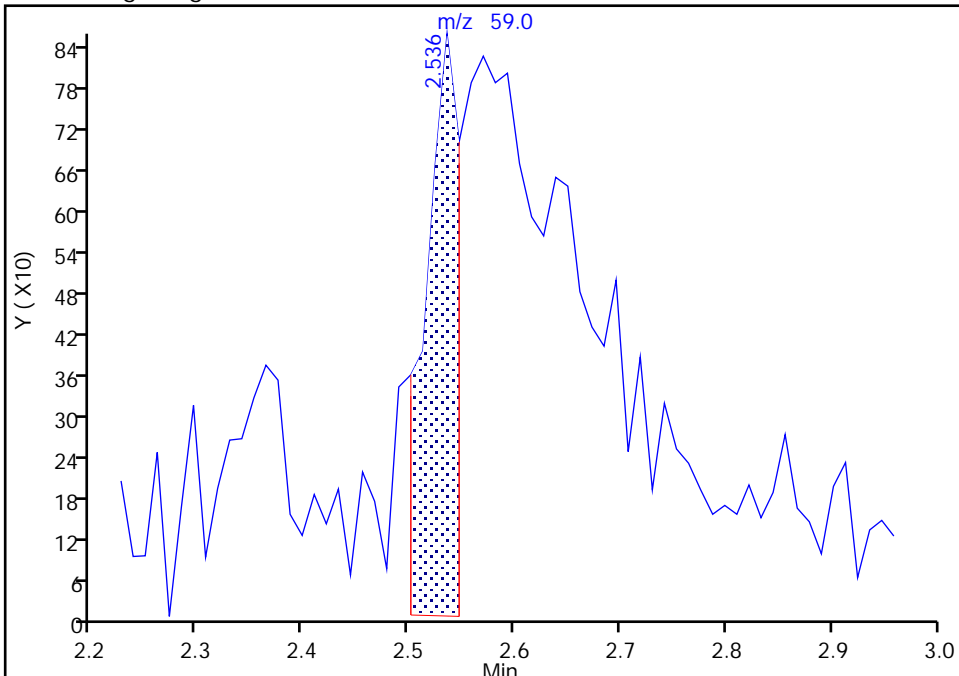
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

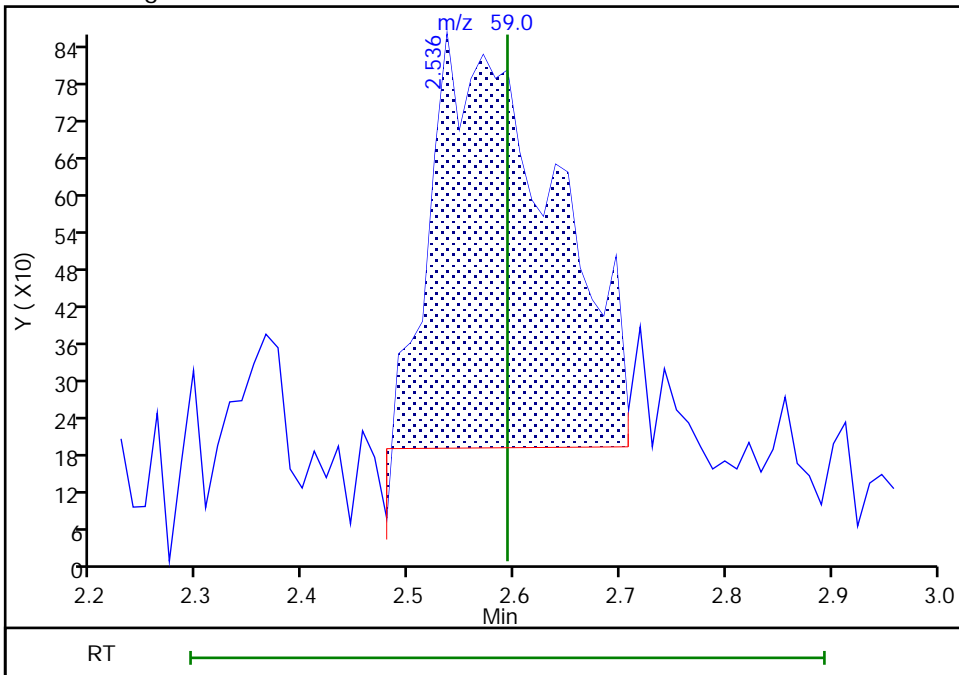
RT: 2.54
Area: 2025
Amount: 23.006944
Amount Units: ug/l

Processing Integration Results



RT: 2.54
Area: 5351
Amount: 9.972000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:13:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

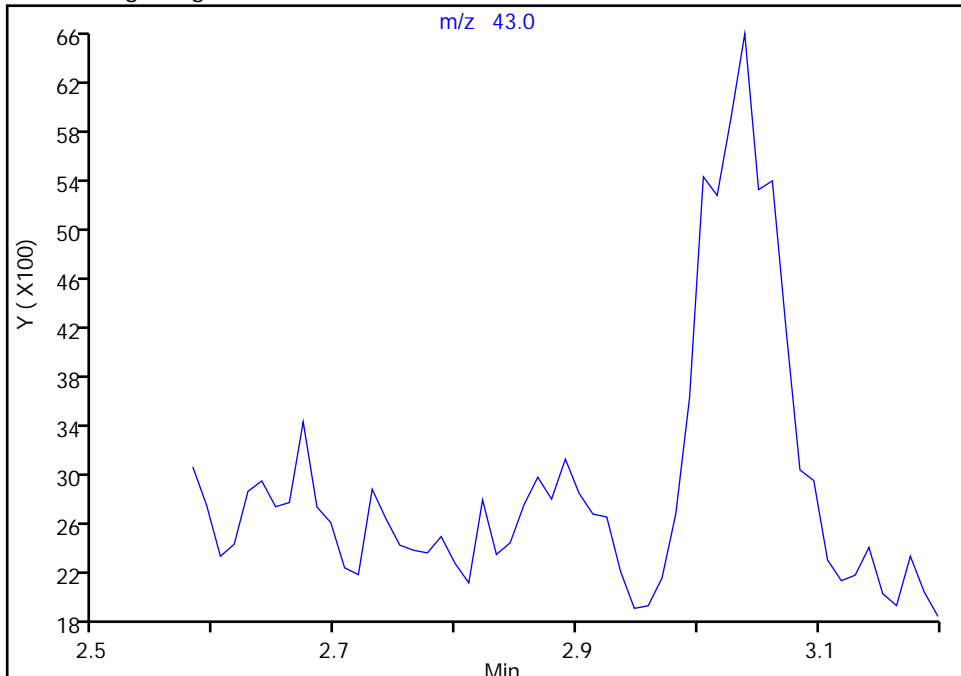
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

36 Hexane, CAS: 110-54-3

Signal: 1

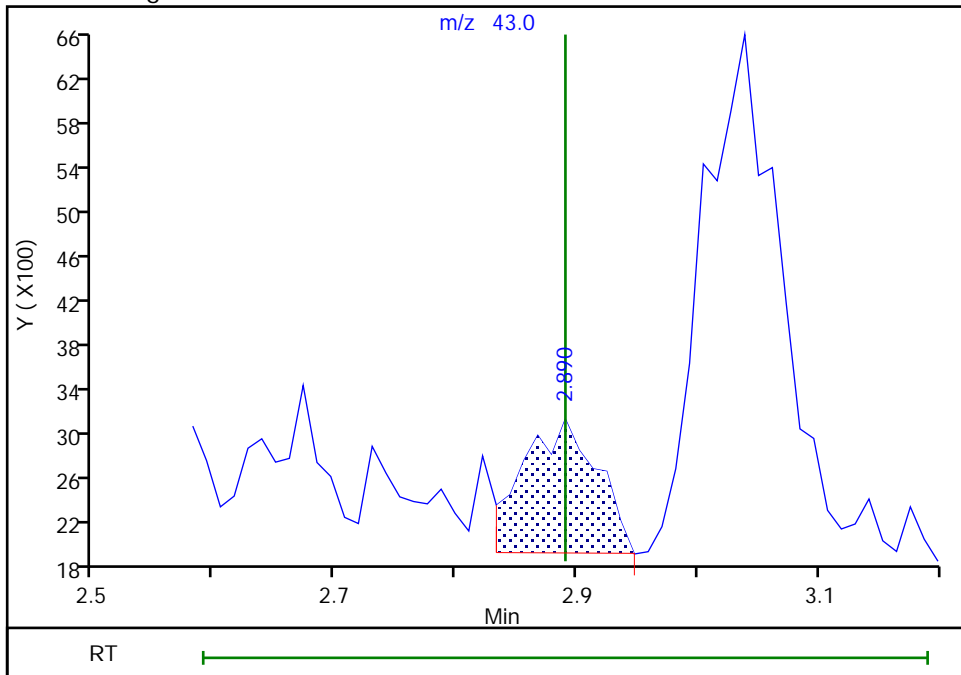
Not Detected
Expected RT: 2.89

Processing Integration Results



RT: 2.89
Area: 5223
Amount: 1.022104
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:34:57
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins Edison

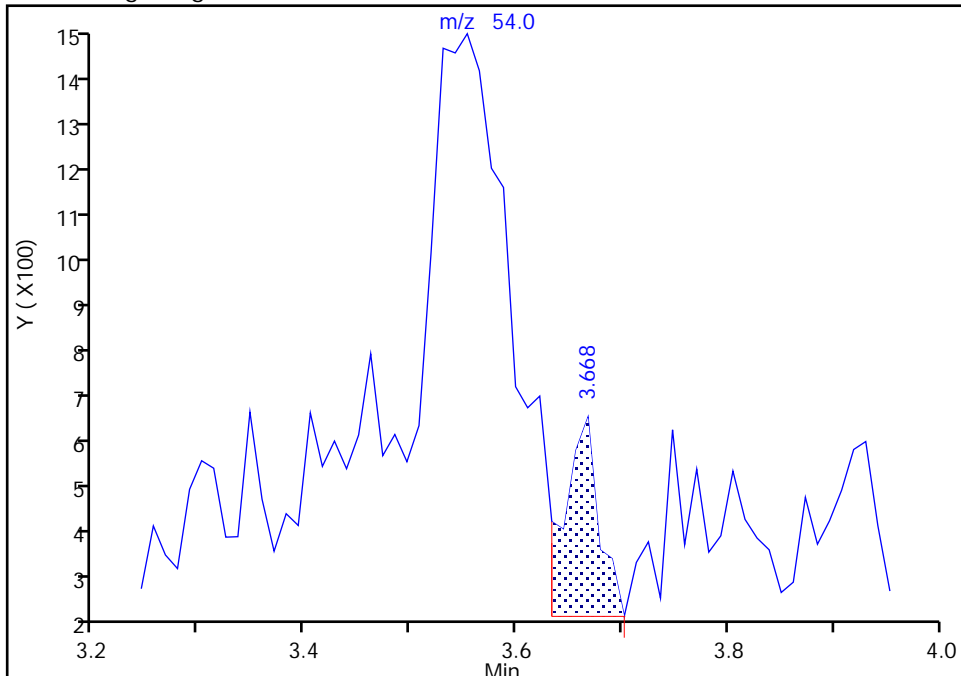
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

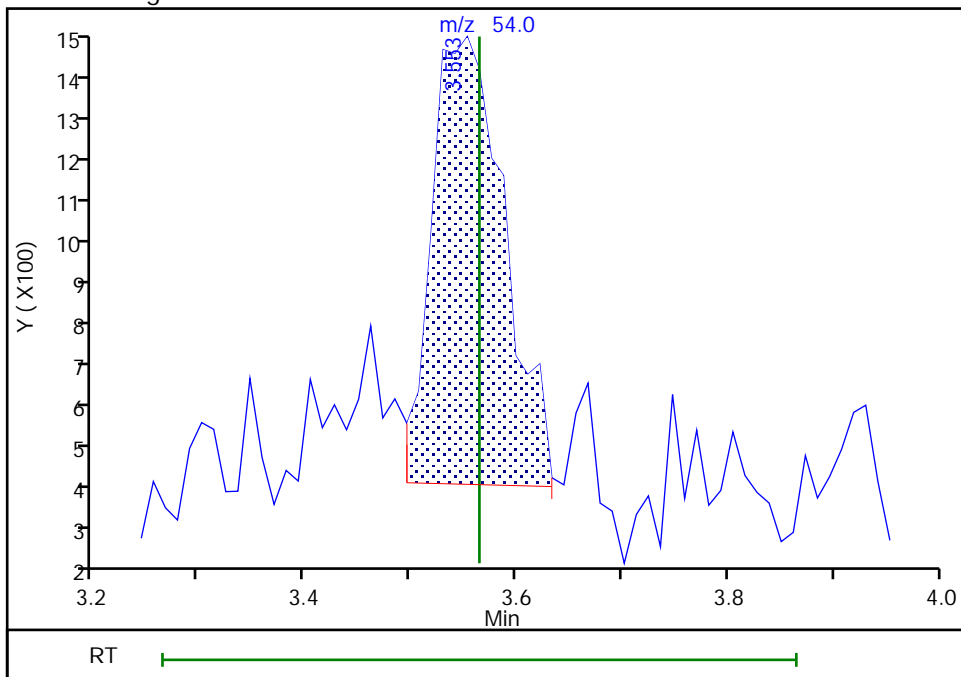
RT: 3.67
Area: 981
Amount: 2.012573
Amount Units: ug/l

Processing Integration Results



RT: 3.55
Area: 5075
Amount: 10.547411
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:31:05
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

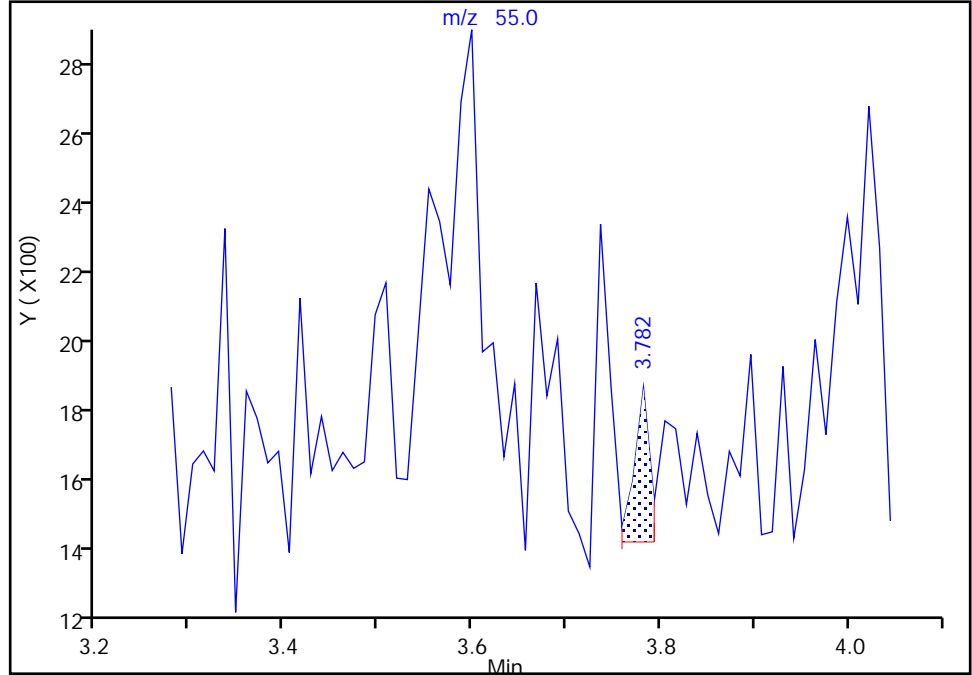
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

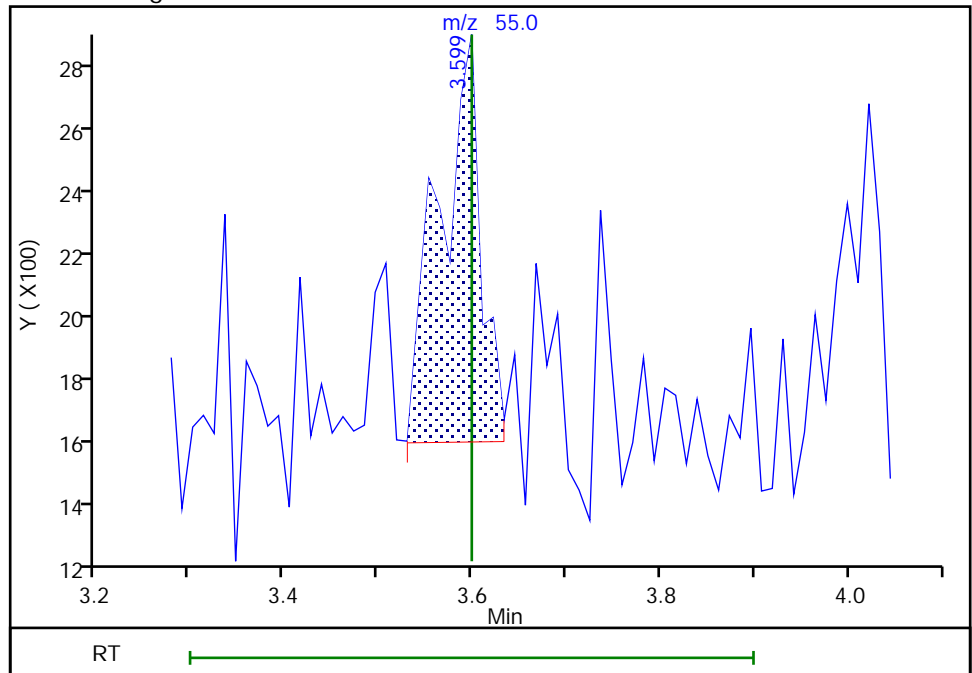
RT: 3.78
Area: 511
Amount: 0.151989
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 3806
Amount: 1.110024
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:14:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

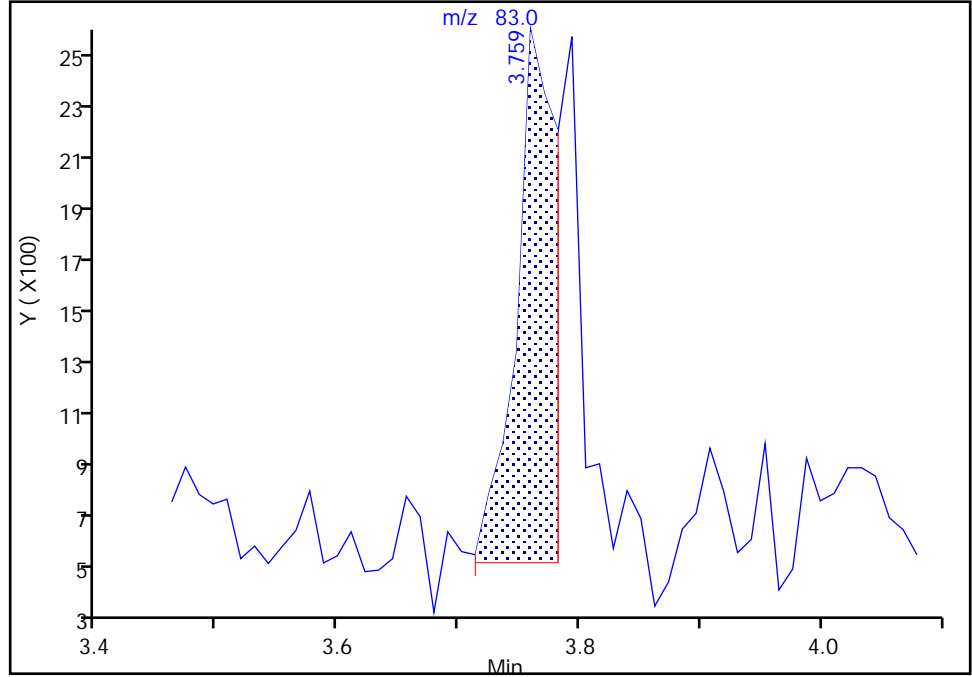
ALS Bottle#: 2 Worklist Smp#: 3
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

52 Chloroform, CAS: 67-66-3

Signal: 1

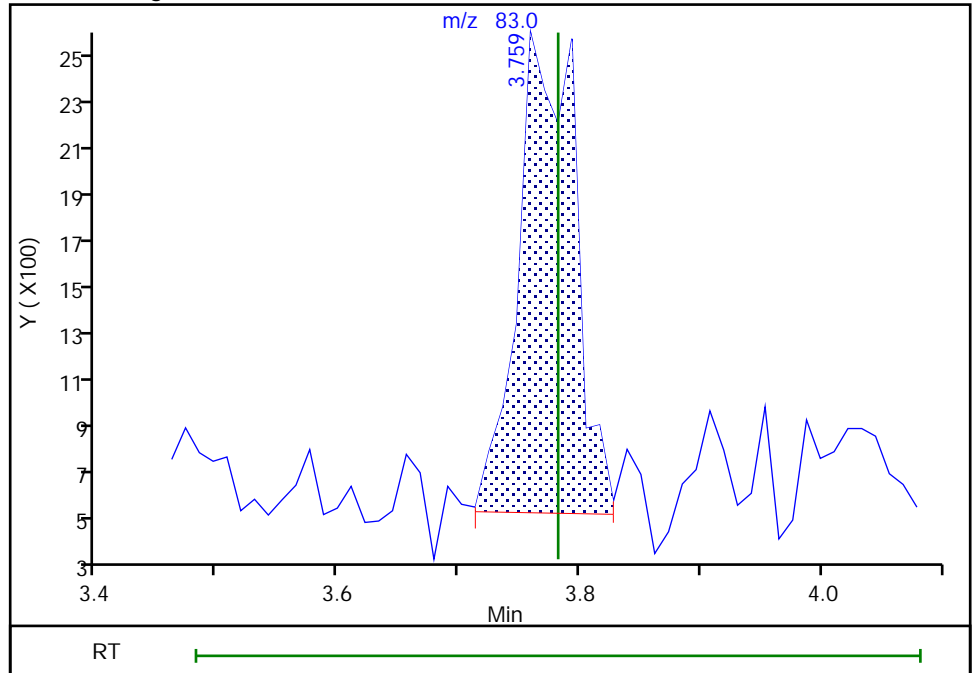
RT: 3.76
Area: 4778
Amount: 0.831483
Amount Units: ug/l

Processing Integration Results



RT: 3.76
Area: 6641
Amount: 1.096443
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:24:09
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins Edison

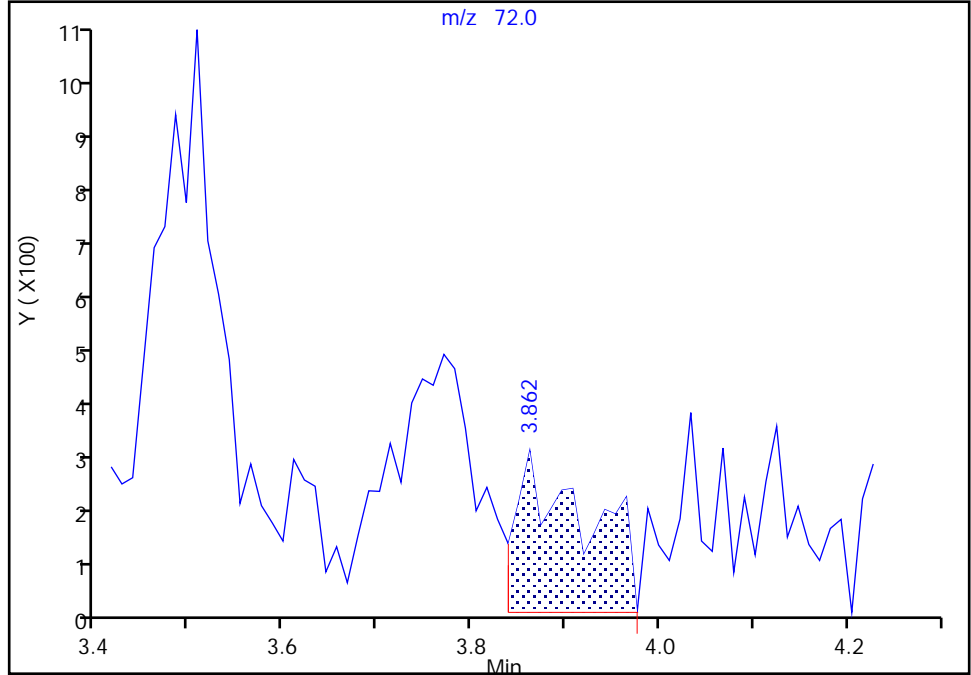
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

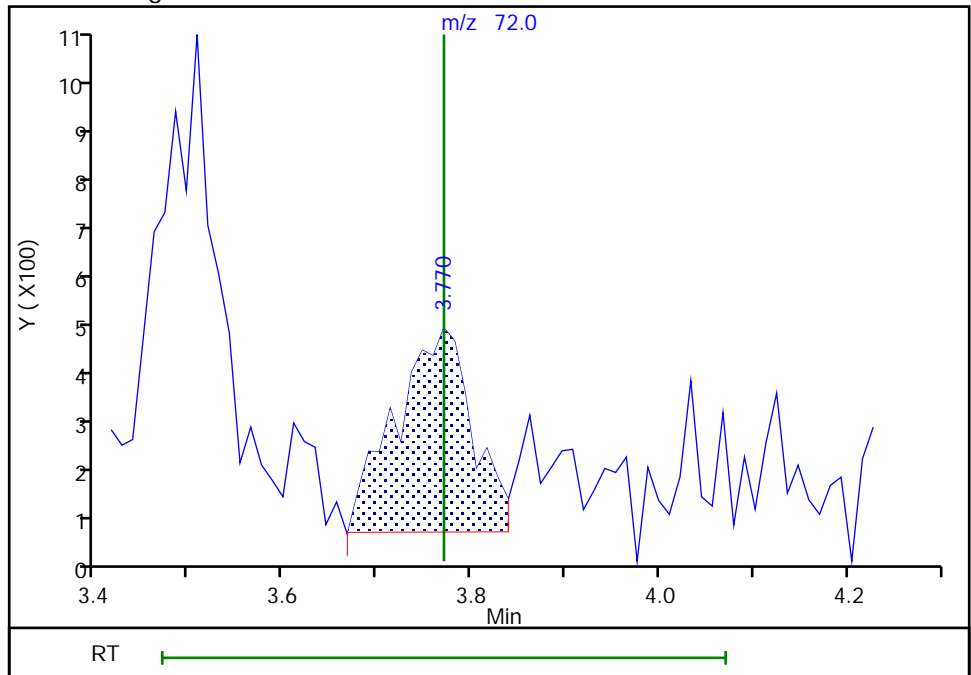
RT: 3.86
Area: 1477
Amount: 3.390170
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 2255
Amount: 5.175844
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:14:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

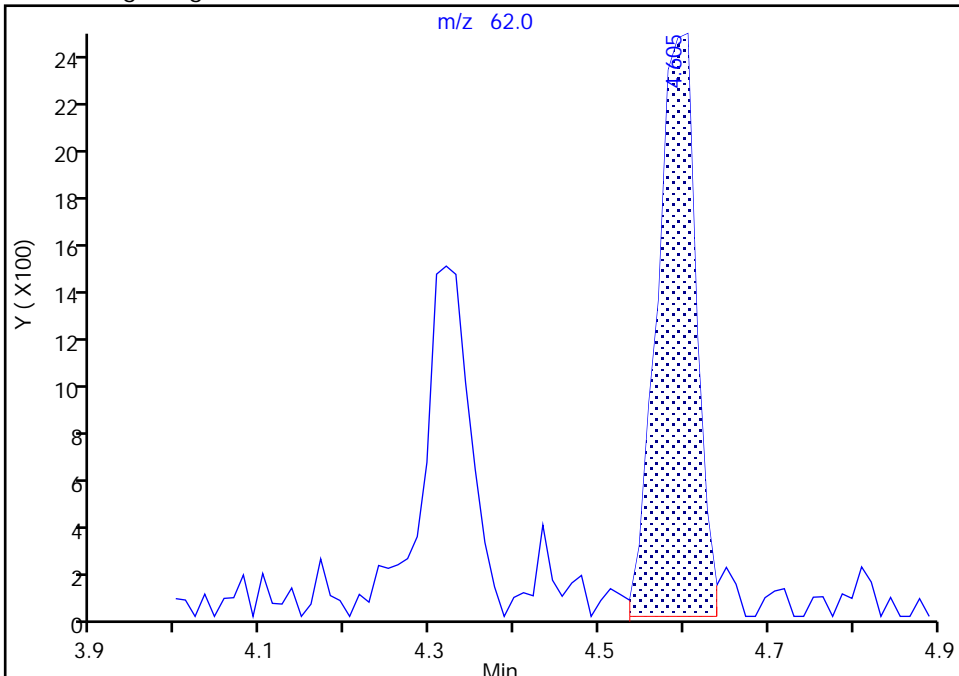
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

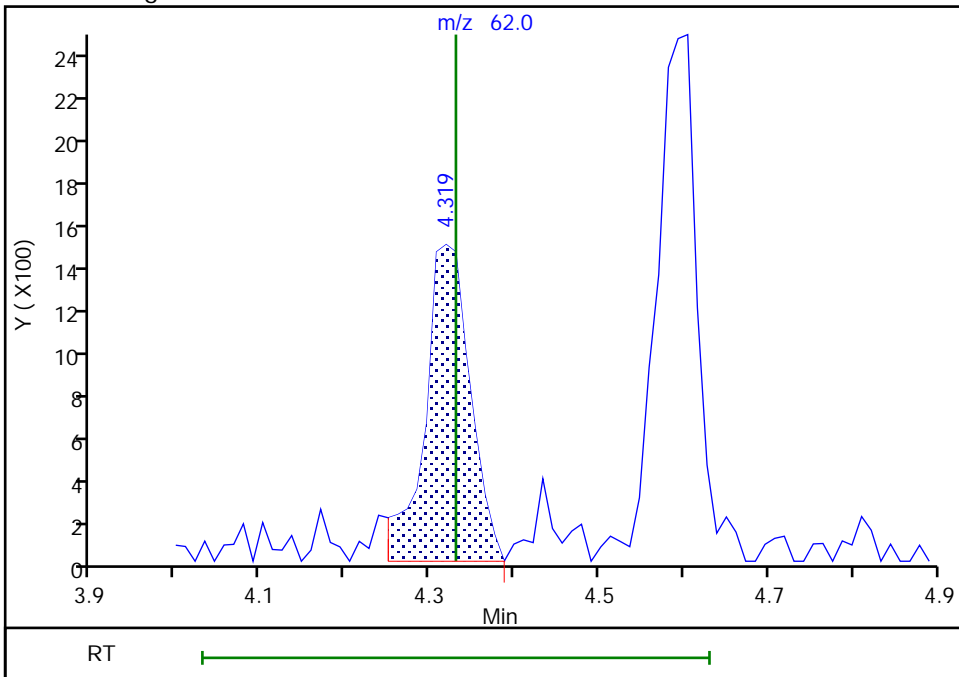
RT: 4.60
Area: 7948
Amount: 1.936972
Amount Units: ug/l

Processing Integration Results



RT: 4.32
Area: 5535
Amount: 1.217684
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:24:22
Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

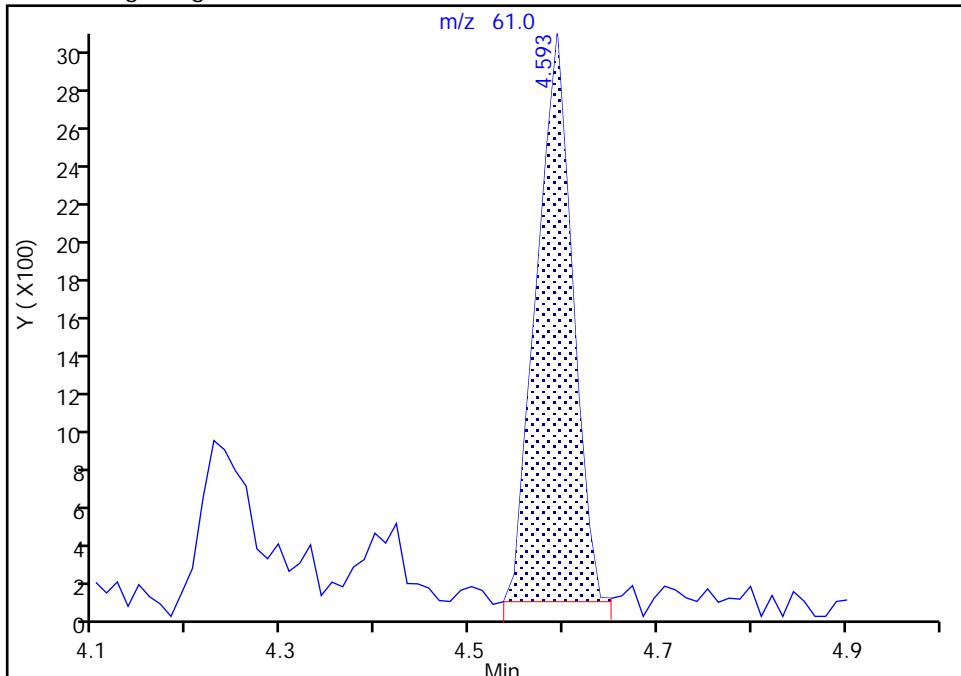
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

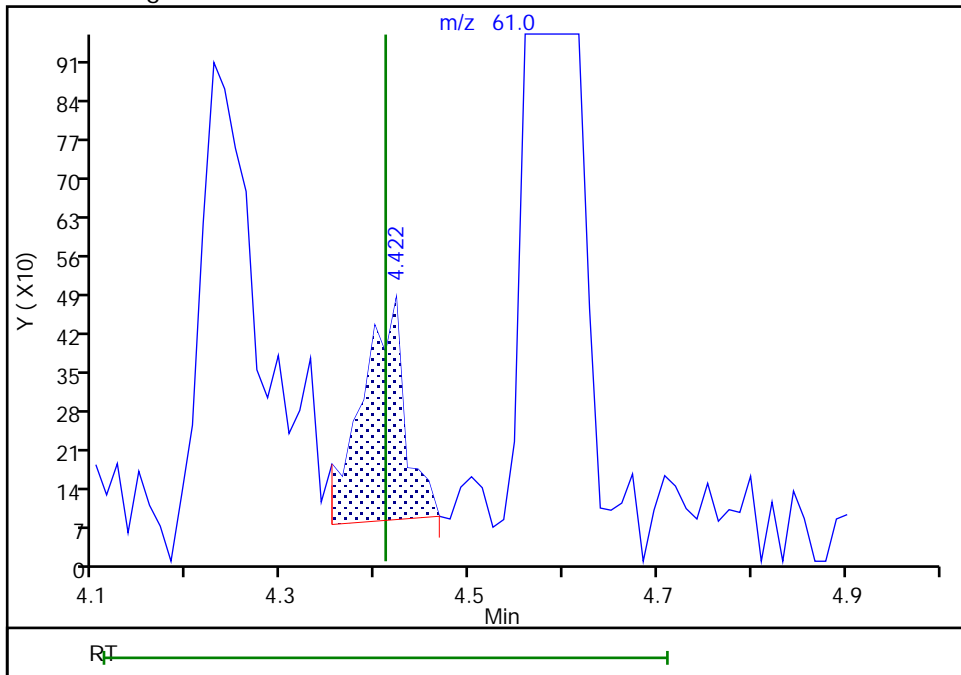
RT: 4.59
Area: 7861
Amount: 6.590234
Amount Units: ug/l

Processing Integration Results



RT: 4.42
Area: 1313
Amount: 1.070295
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:31:13
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

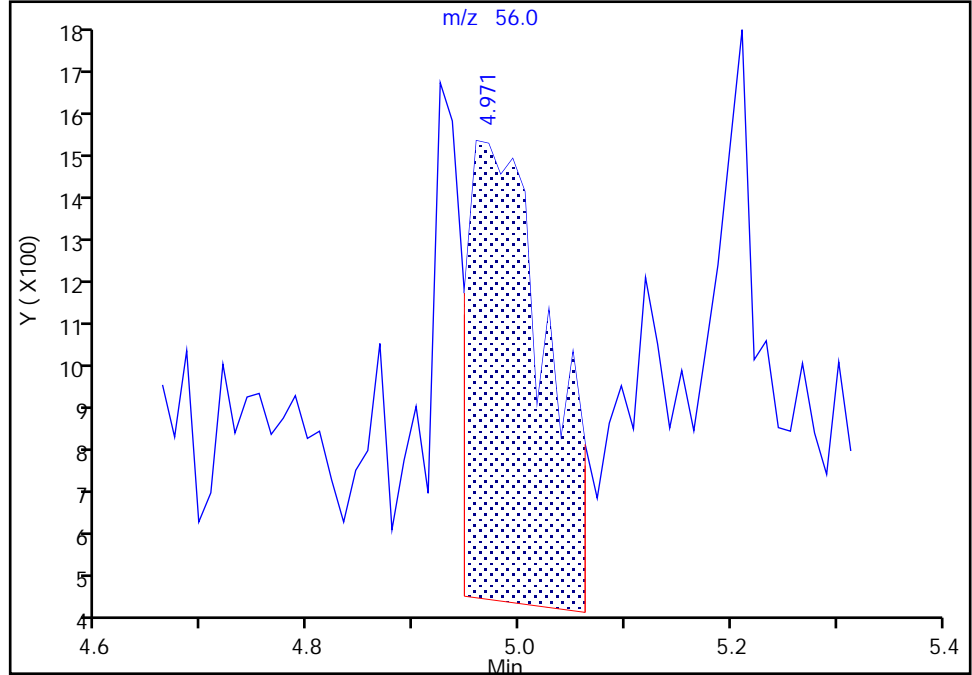
ALS Bottle#: 2 Worklist Smp#: 3
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

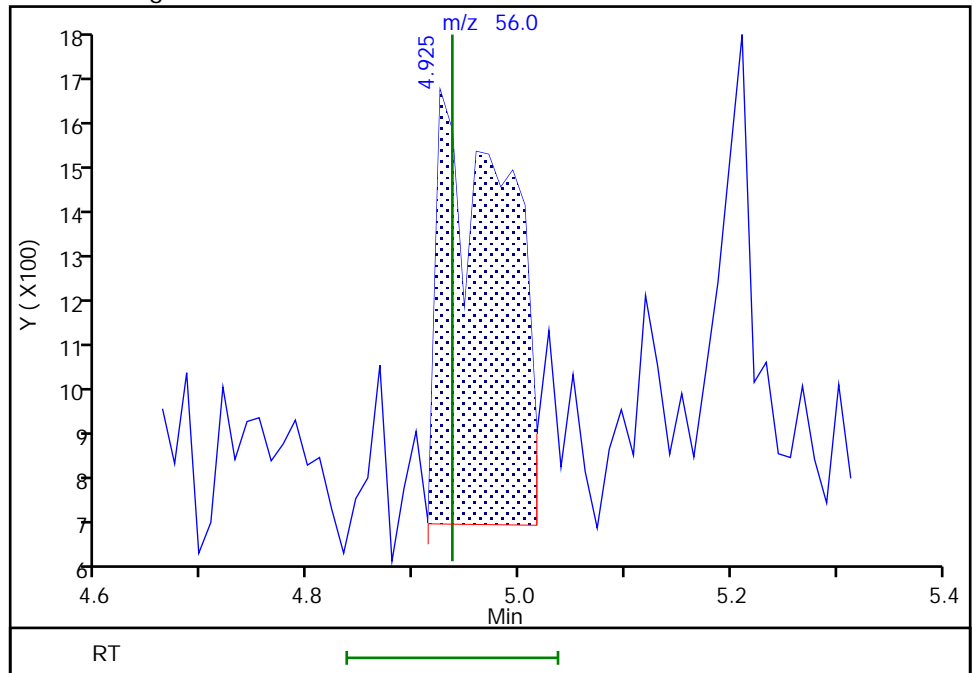
RT: 4.97
Area: 5473
Amount: 50.847181
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 4179
Amount: 32.382662
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:35:42
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 76 of 617

Eurofins Edison

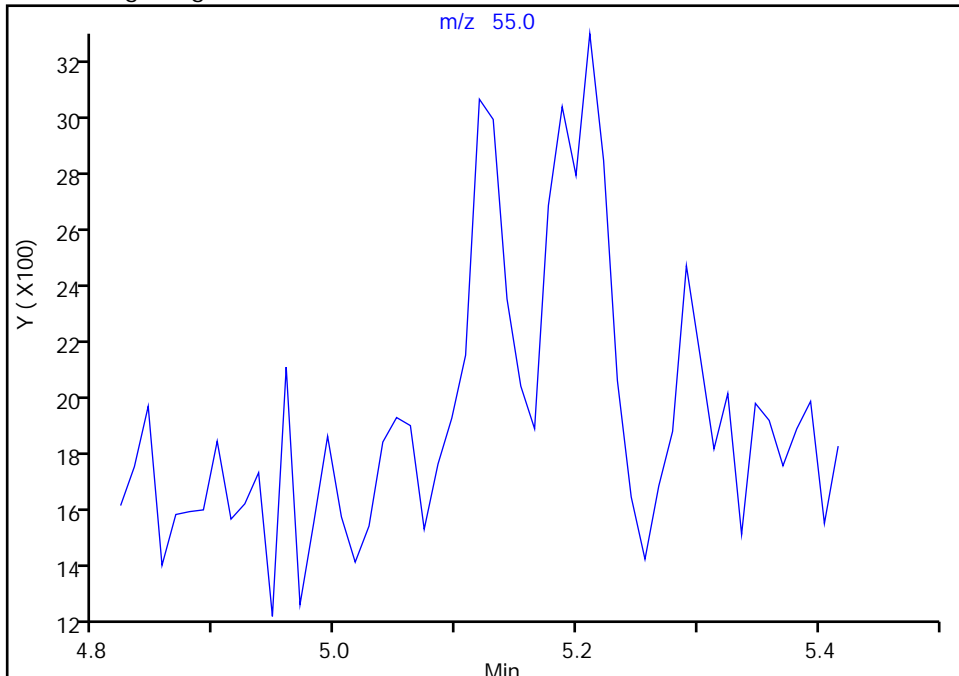
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

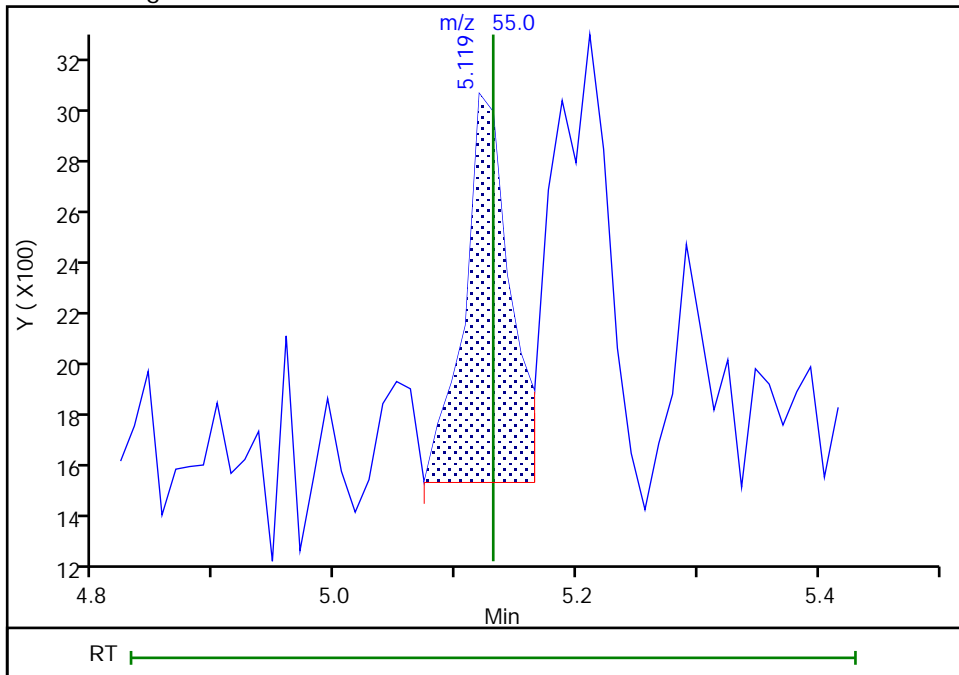
Not Detected
Expected RT: 5.13

Processing Integration Results



Manual Integration Results

RT: 5.12
Area: 3954
Amount: 1.102637
Amount Units: ug/l



Reviewer: W9CM, 19-Nov-2022 08:15:23
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

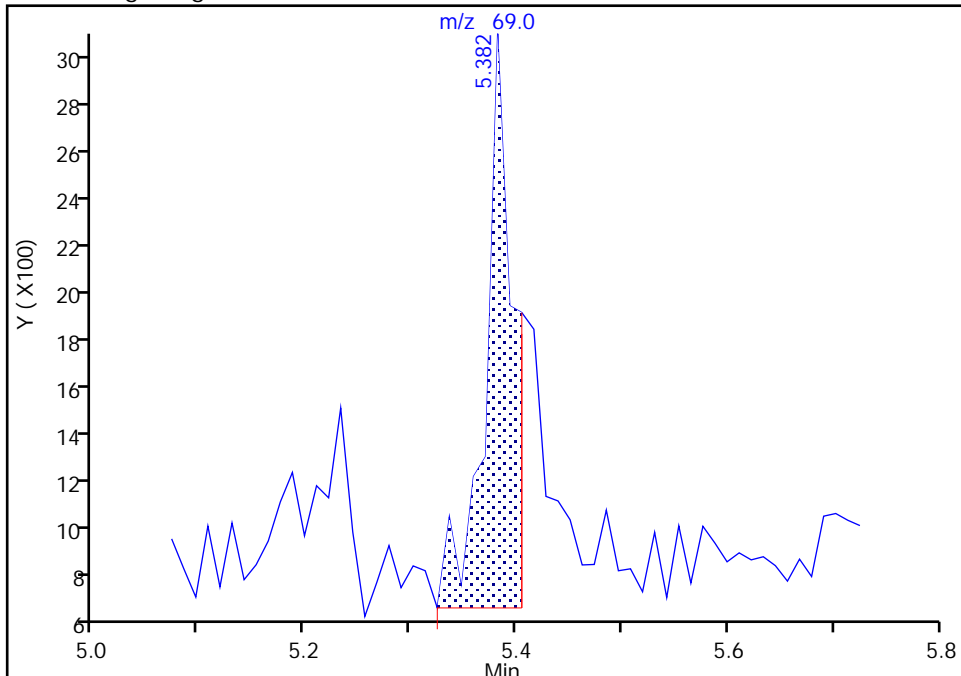
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

74 Methyl methacrylate, CAS: 80-62-6

Signal: 1

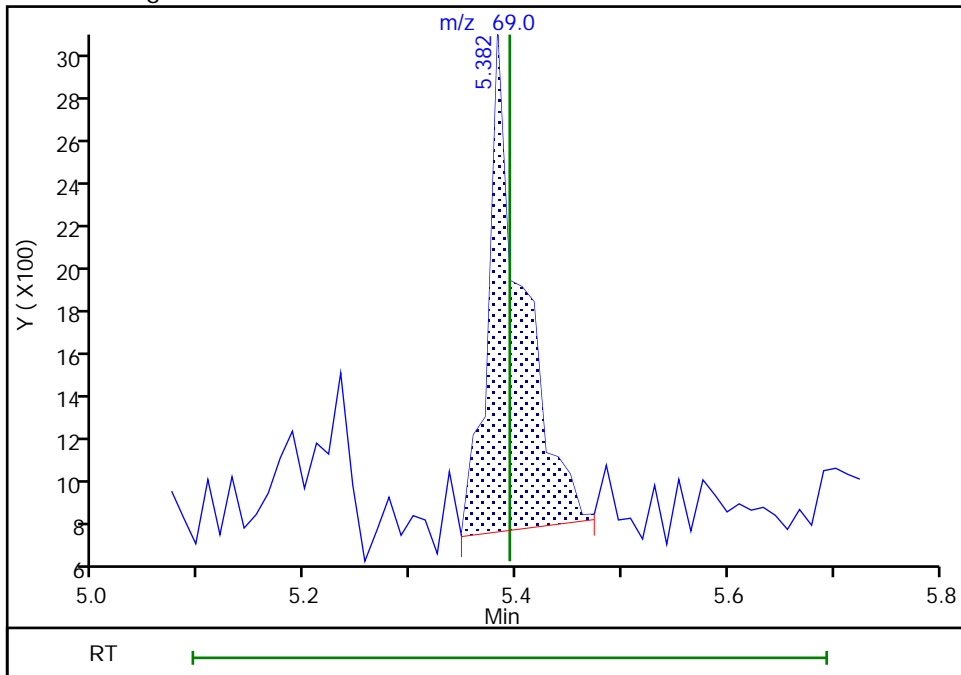
RT: 5.38
Area: 4444
Amount: 2.115935
Amount Units: ug/l

Processing Integration Results



RT: 5.38
Area: 5131
Amount: 2.378211
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:16:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

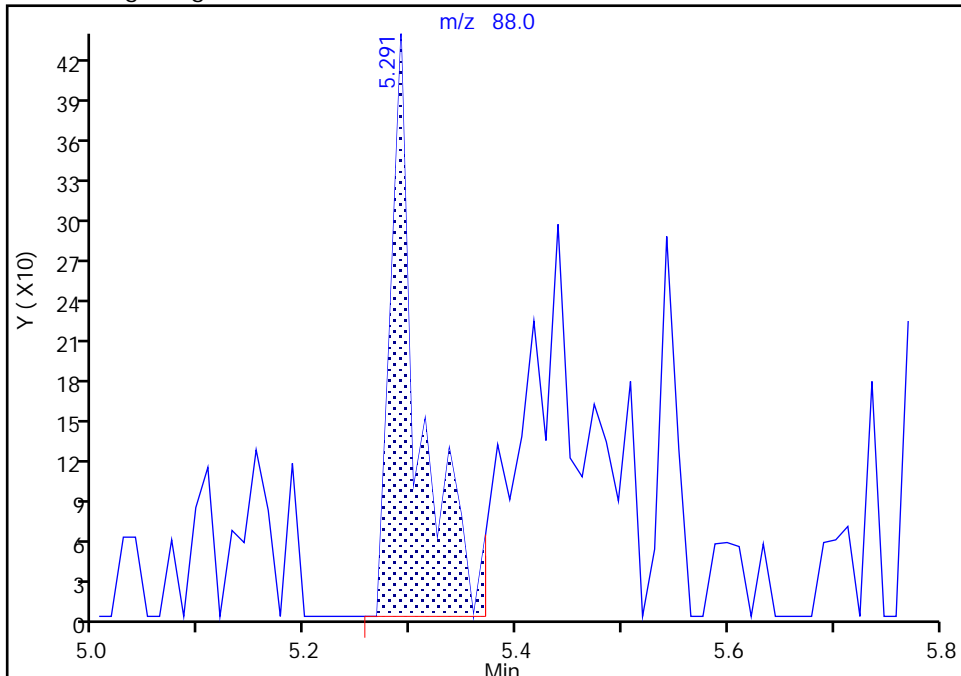
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

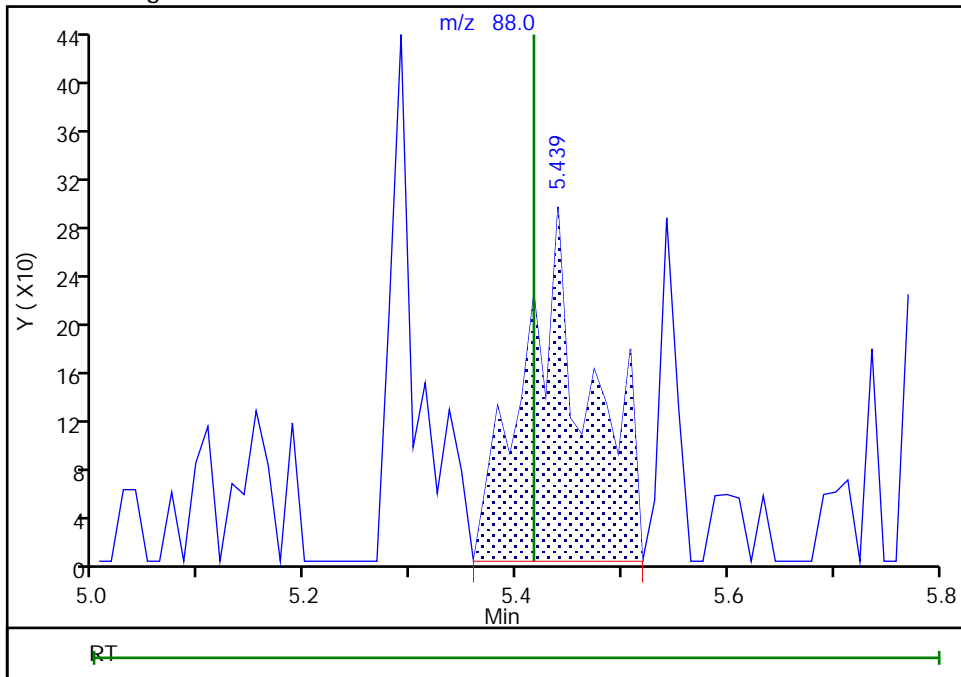
RT: 5.29
Area: 820
Amount: 20.667487
Amount Units: ug/l

Processing Integration Results



RT: 5.44
Area: 1251
Amount: 30.919472
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:16:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

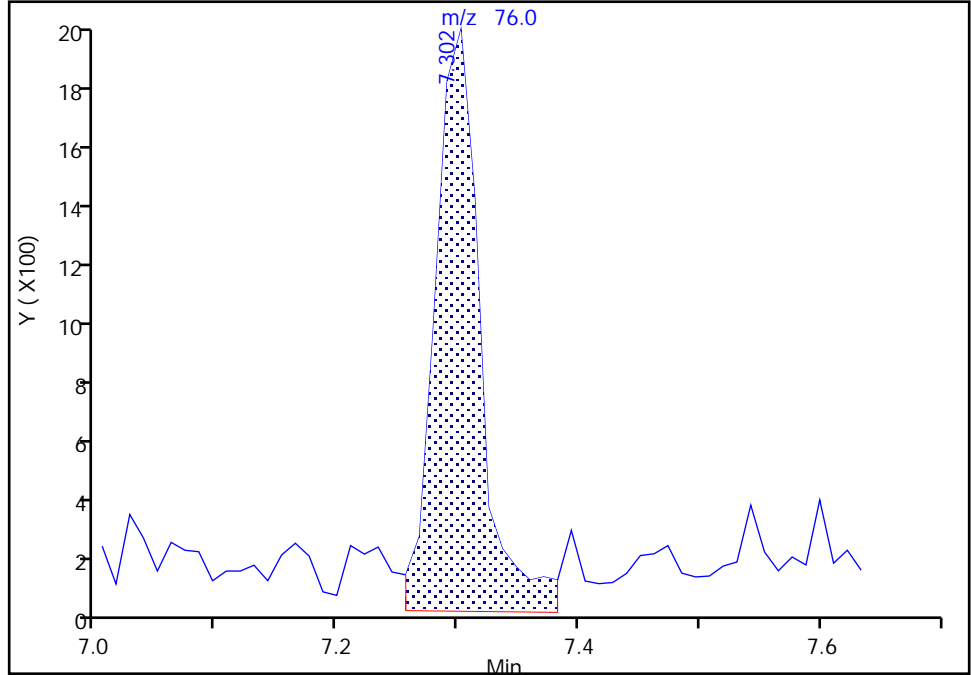
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

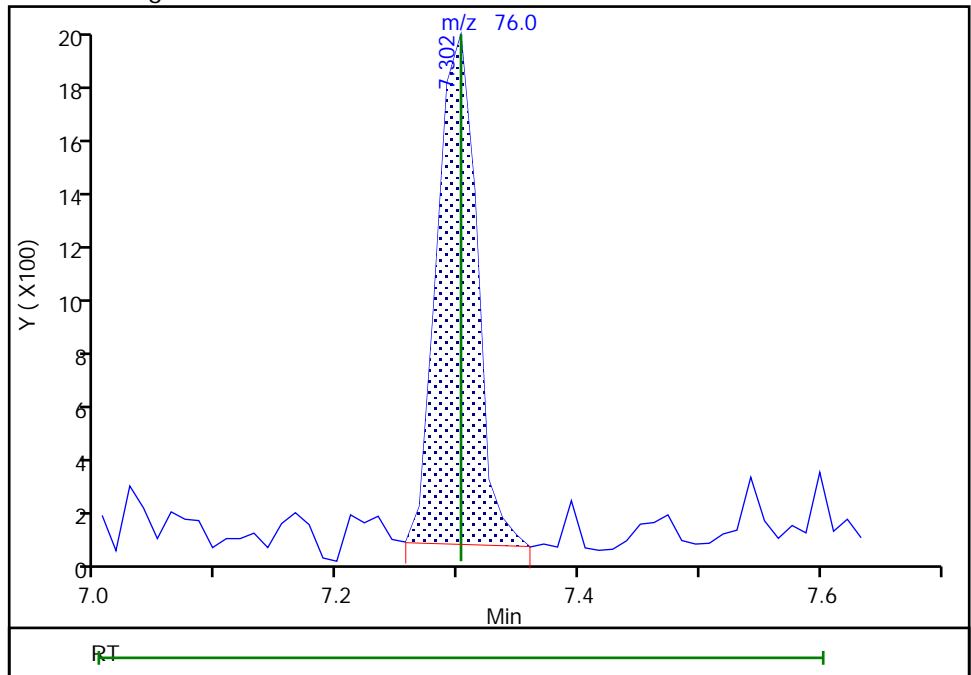
RT: 7.30
Area: 5220
Amount: 1.188964
Amount Units: ug/l

Processing Integration Results



RT: 7.30
Area: 4270
Amount: 1.008969
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:17:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

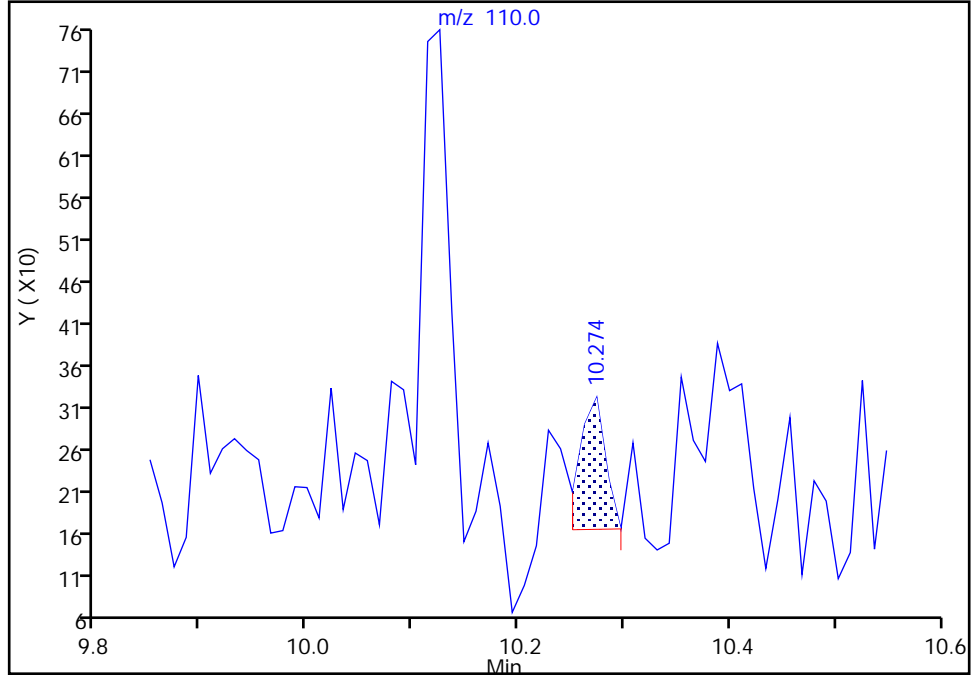
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

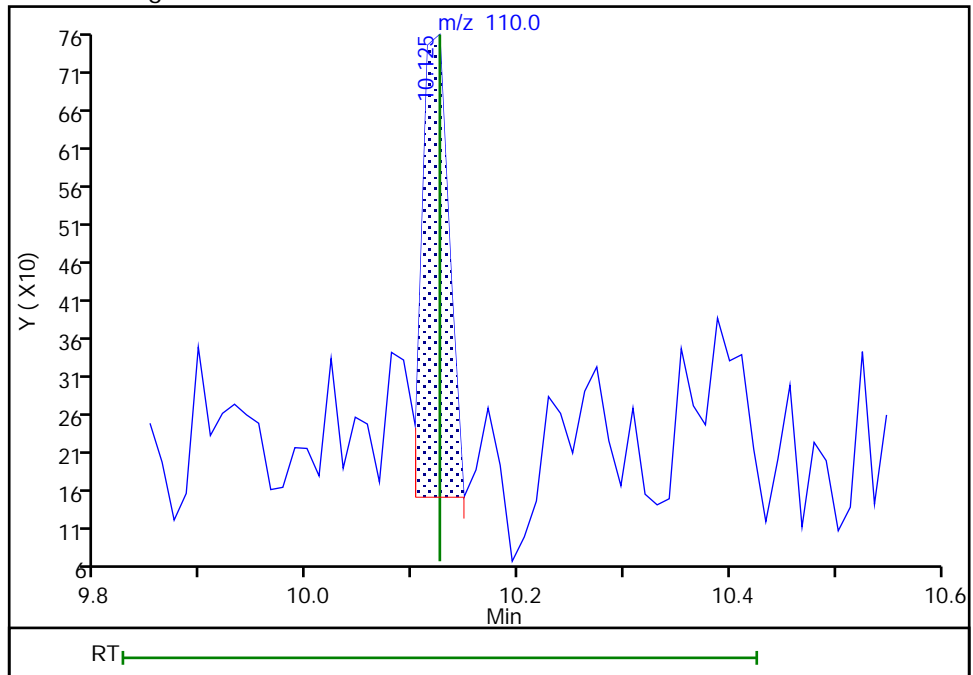
RT: 10.27
Area: 264
Amount: 0.272223
Amount Units: ug/l

Processing Integration Results



RT: 10.13
Area: 1072
Amount: 1.022856
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:17:21
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

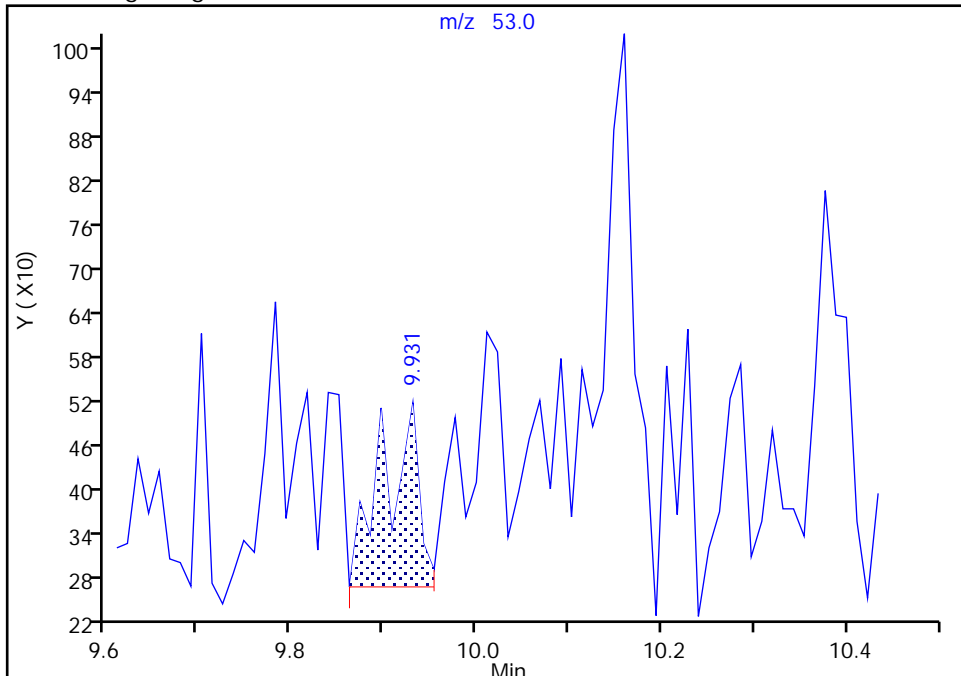
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

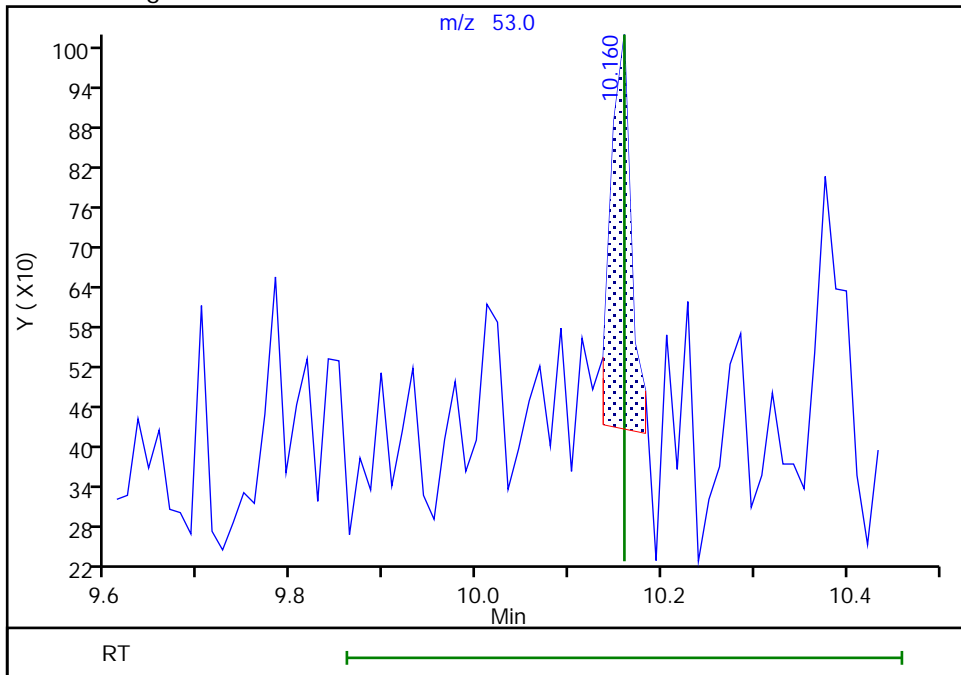
RT: 9.93
Area: 676
Amount: 0.687748
Amount Units: ug/l

Processing Integration Results



RT: 10.16
Area: 926
Amount: 0.903780
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:26:16
Audit Action: Manually Integrated

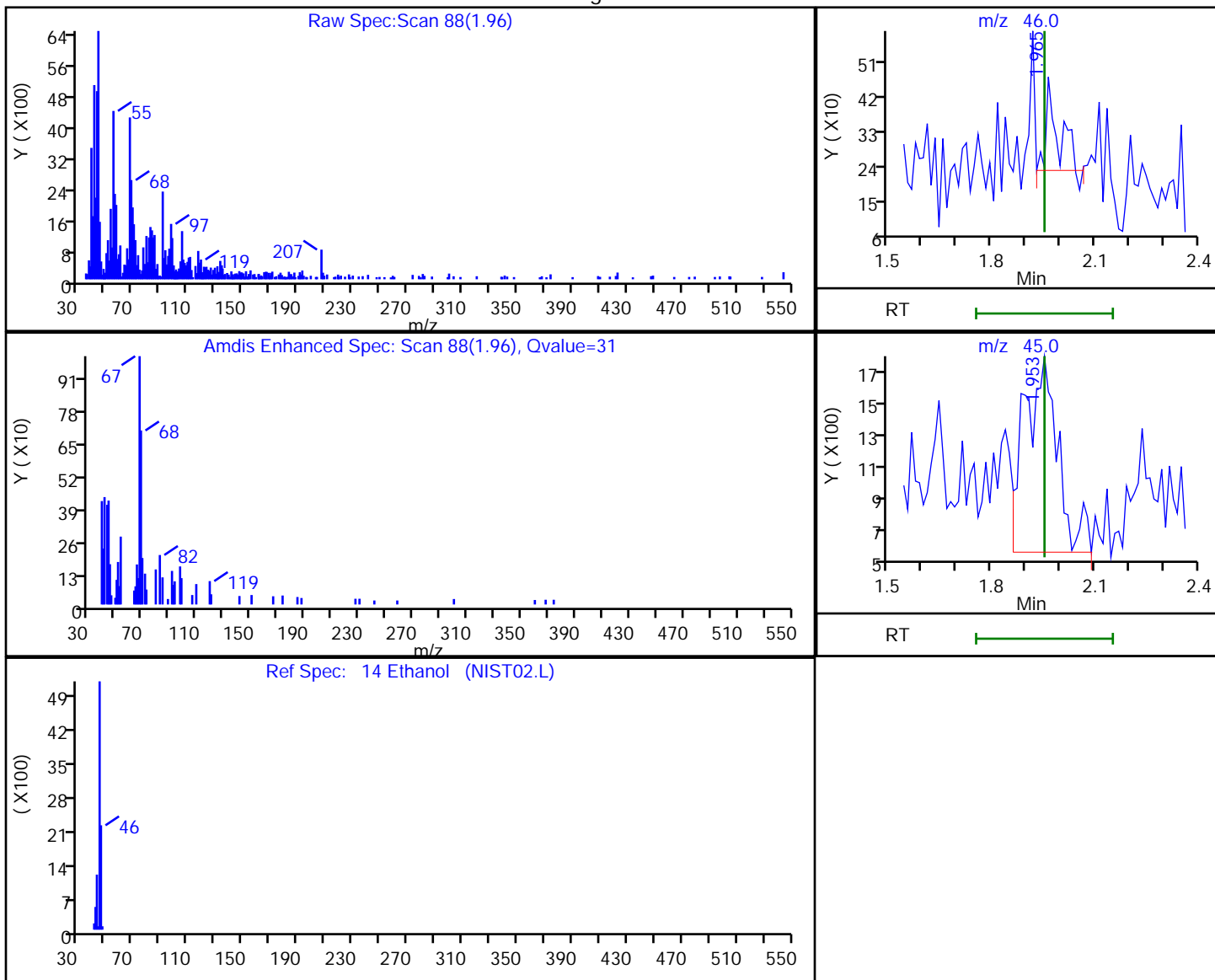
Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D
 Injection Date: 18-Nov-2022 15:37:30 Instrument ID: CVOAMS9
 Lims ID: STD1
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.96	46.00	554	26.440133
1.95	45.00	7807	

Reviewer: W9CM, 19-Nov-2022 08:12:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D

Injection Date: 18-Nov-2022 15:37:30

Instrument ID: CVOAMS9

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260S9

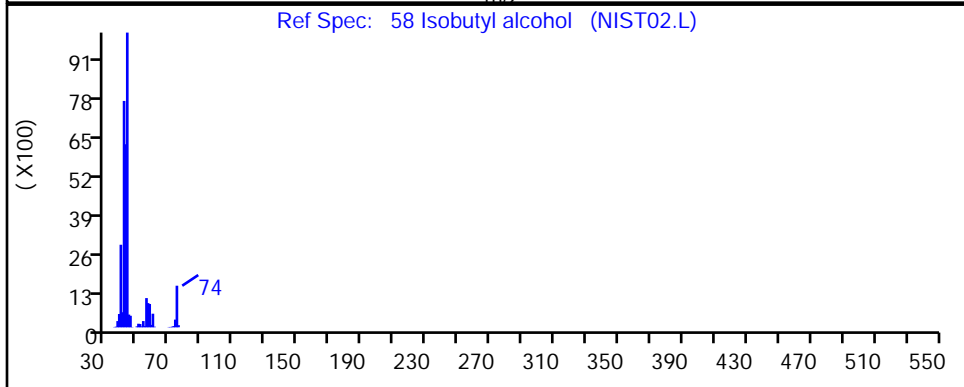
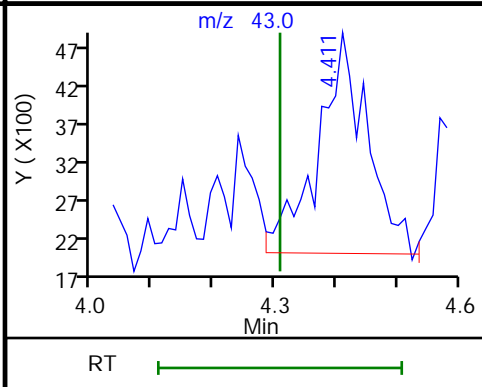
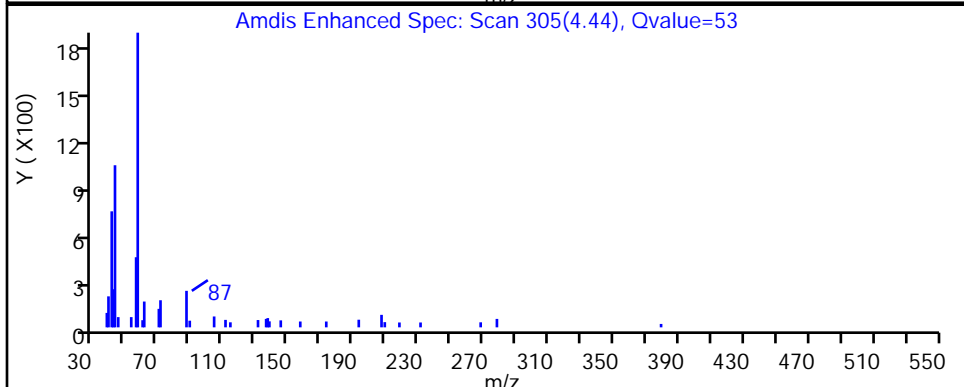
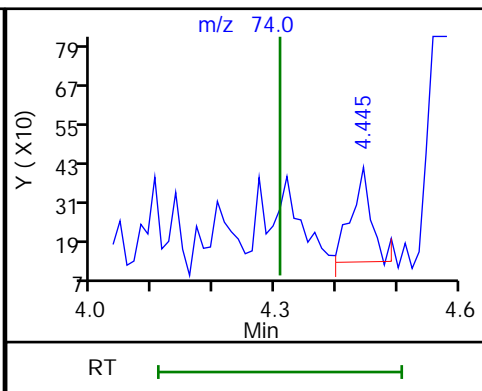
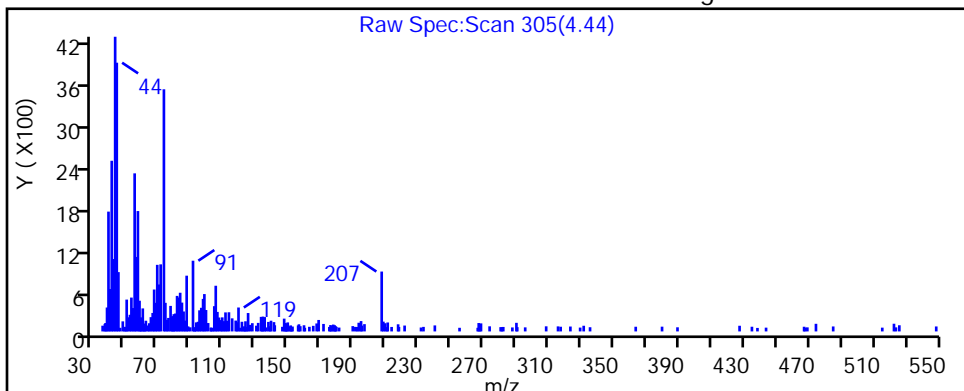
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.44	74.00	688	13.237211
4.41	43.00	16447	

Reviewer: W9CM, 19-Nov-2022 08:15:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40803.D

Injection Date: 18-Nov-2022 15:37:30

Instrument ID: CVOAMS9

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260S9

Limit Group:

VOA - 8260D Water and Solid

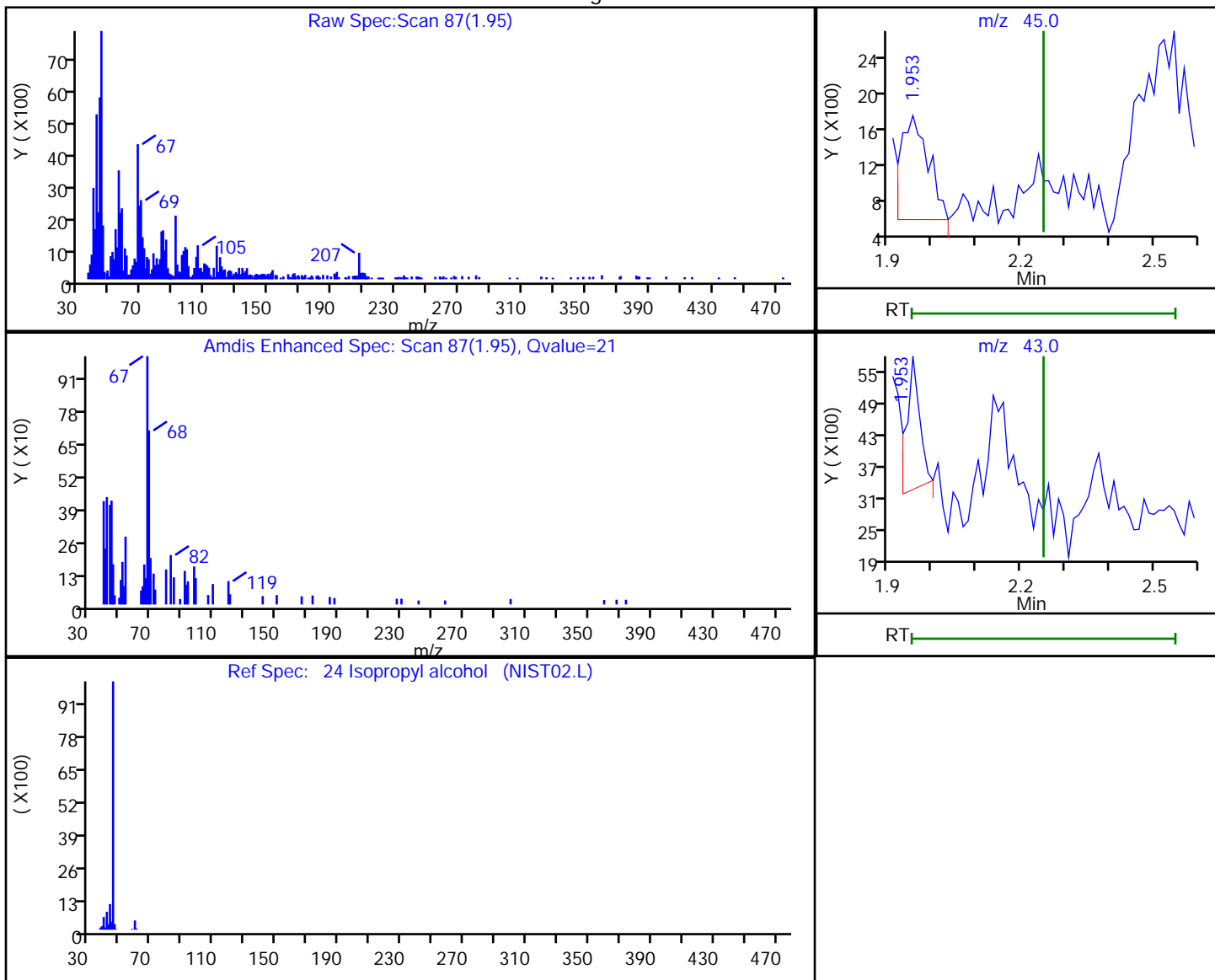
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.95	45.00	4868	19.053311
1.95	43.00	5111	

Reviewer: W9CM, 19-Nov-2022 08:13:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40804.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 18-Nov-2022 16:00:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0153407-004
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:41 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:42:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.142	1.142	0.000	92	12599	NC	NC	
2 Chlorotrifluoroethene	116	1.142	1.153	-0.011	53	14827	5.00	6.04	
4 Dichlorodifluoromethane	85	1.187	1.176	0.011	47	32173	5.00	4.10	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	91	6078	5.00	5.85	
6 Chloromethane	50	1.302	1.302	0.000	98	39323	5.00	4.98	
7 Butadiene	54	1.347	1.359	-0.012	91	22862	5.00	4.53	
8 Vinyl chloride	62	1.382	1.382	0.000	77	25750	5.00	4.68	
9 Bromomethane	94	1.576	1.576	0.000	95	22899	5.00	5.43	
10 Chloroethane	64	1.610	1.610	0.000	65	15780	5.00	4.99	
11 Dichlorofluoromethane	67	1.759	1.759	0.000	98	35834	5.00	4.63	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	52	28998	5.00	4.35	
13 Pentane	72	1.816	1.816	0.000	93	5597	10.0	8.52	
14 Ethanol	46	2.170	1.953	0.217	69	5987	200.0	274.1	a
15 Ethyl ether	59	1.953	1.953	0.000	95	12221	5.00	4.80	M
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	85	14456	5.00	4.47	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.965	1.976	-0.011	85	18214	5.00	5.14	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.010	2.010	0.000	58	29643	5.00	4.72	
19 Acrolein	56	2.045	2.045	0.000	96	106929	200.0	217.1	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	97	15660	5.00	4.86	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.136	2.147	-0.011	93	18506	5.00	4.26	
22 Acetone	43	2.159	2.159	0.000	78	32376	25.0	29.2	
23 Iodomethane	142	2.228	2.227	0.001	99	33830	5.00	4.85	
24 Isopropyl alcohol	45	2.353	2.250	0.103	24	9053	50.0	43.4	Ma
25 Carbon disulfide	76	2.273	2.273	0.000	100	59406	5.00	4.66	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	88	27317	5.00	5.54	
27 Methyl acetate	43	2.399	2.388	0.011	77	24037	10.0	12.2	
28 Cyclopentene	67	2.433	2.433	0.000	90	34328	5.00	4.37	a
29 Acetonitrile	39	2.433	2.433	0.000	21	11865	50.0	48.7	a
31 Methylene Chloride	84	2.468	2.456	0.012	94	18924	5.00	5.05	
* 30 TBA-d9 (IS)	46	2.536	2.536	0.000	96	111988	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.570	2.593	-0.023	90	30155	50.0	56.3	M
35 Acrylonitrile	53	2.639	2.650	-0.011	97	60052	50.0	51.9	
33 Methyl tert-butyl ether	73	2.685	2.673	0.012	95	55086	5.00	5.05	
34 trans-1,2-Dichloroethene	96	2.673	2.673	0.000	95	18484	5.00	4.96	
36 Hexane	43	2.891	2.890	0.000	89	15508	5.00	4.39	
38 1,1-Dichloroethane	63	3.005	3.005	0.000	98	30043	5.00	4.82	
39 Vinyl acetate	86	3.051	3.050	0.001	100	6955	10.0	11.5	M
37 Isopropyl ether	45	3.073	3.073	0.000	84	56021	5.00	4.99	
40 2-Chloro-1,3-butadiene	88	3.085	3.073	0.012	79	16438	5.00	5.03	
41 Tert-butyl ethyl ether	87	3.371	3.370	0.001	90	23711	5.00	5.14	
* 42 2-Butanone-d5	46	3.462	3.462	0.000	97	262328	250.0	250.0	
43 2,2-Dichloropropane	79	3.496	3.496	0.000	81	12421	5.00	5.33	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	95	21331	5.00	5.13	
46 2-Butanone (MEK)	72	3.519	3.519	0.000	95	11827	25.0	30.3	
45 Ethyl acetate	70	3.565	3.565	0.000	96	4648	10.0	12.9	
48 Propionitrile	54	3.576	3.565	0.011	48	24267	50.0	50.6	
47 Methyl acrylate	55	3.599	3.599	0.000	95	15605	5.00	4.44	Ma
50 Chlorobromomethane	128	3.713	3.702	0.011	52	10039	5.00	5.04	
51 Methacrylonitrile	67	3.691	3.702	-0.011	91	62700	50.0	48.9	
49 Tetrahydrofuran	72	3.771	3.771	0.001	37	5006	10.0	11.3	
52 Chloroform	83	3.782	3.782	0.000	98	32083	5.00	5.16	
\$ 55 Dibromofluoromethane (Surr)	113	3.931	3.931	0.000	96	148441	50.0	50.1	
54 1,1,1-Trichloroethane	97	3.965	3.965	0.000	99	29475	5.00	4.81	
53 Cyclohexane	84	4.022	4.022	0.000	92	26423	5.00	4.28	
57 1,1-Dichloropropene	75	4.113	4.113	0.000	94	22324	5.00	4.74	
56 Carbon tetrachloride	117	4.113	4.125	-0.012	94	24276	5.00	4.57	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	155703	50.0	50.1	
58 Isobutyl alcohol	74	4.331	4.308	0.023	33	6549	125.0	129.3	a
60 Benzene	78	4.319	4.319	0.000	94	72225	5.00	5.44	
64 1,2-Dichloroethane	62	4.331	4.331	0.000	95	23113	5.00	4.96	
59 Isooctane	57	4.399	4.411	-0.012	90	59731	5.00	4.19	
62 Isopropyl acetate	61	4.399	4.411	-0.012	86	6963	5.00	5.53	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	96	55844	5.00	4.98	
* 66 Fluorobenzene	96	4.594	4.605	-0.011	99	573684	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	93	24615	5.00	4.51	
68 n-Butanol	56	4.936	4.936	0.000	60	16925	125.0	131.5	
69 Trichloroethene	95	4.994	4.993	0.001	95	16524	5.00	4.42	
70 Ethyl acrylate	55	5.119	5.131	-0.012	96	17291	5.00	4.70	a
71 Methylcyclohexane	83	5.211	5.211	0.000	90	28775	5.00	3.84	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	86	16715	5.00	4.70	
77 Dibromomethane	93	5.359	5.359	0.000	93	10848	5.00	5.19	
74 Methyl methacrylate	69	5.394	5.394	0.000	96	21448	10.0	9.69	
* 73 1,4-Dioxane-d8	96	5.359	5.405	-0.046	67	30786	1000.0	1000.0	
75 1,4-Dioxane	88	5.394	5.416	-0.022	32	4951	100.0	120.8	
76 n-Propyl acetate	43	5.474	5.485	-0.011	97	25132	5.00	5.33	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	98	23282	5.00	4.85	
79 2-Nitropropane	41	5.839	5.839	0.000	93	11640	10.0	11.3	
80 Epichlorohydrin	57	5.999	5.999	0.000	99	32713	100.0	103.2	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	93	27870	5.00	5.29	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	82964	25.0	26.0	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	575543	50.0	50.9	
84 Toluene	91	6.525	6.536	-0.011	93	69538	5.00	4.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	22898	5.00	4.91	
86 Ethyl methacrylate	69	7.017	7.017	0.000	91	19719	5.00	4.79	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	92	11741	5.00	5.18	
88 Tetrachloroethene	166	7.257	7.257	0.000	93	16816	5.00	4.53	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	97	22788	5.00	5.35	
90 2-Hexanone	43	7.462	7.462	0.000	97	48001	25.0	23.7	
92 Chlorodibromomethane	129	7.600	7.611	-0.011	96	17153	5.00	5.28	
91 n-Butyl acetate	43	7.691	7.691	0.000	98	21891	5.00	5.01	
93 Ethylene Dibromide	107	7.748	7.748	0.000	97	13775	5.00	4.79	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	86	397674	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	96	45093	5.00	4.98	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	91	19173	5.00	5.09	
96 Ethylbenzene	106	8.674	8.674	0.000	98	25558	5.00	4.79	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	31257	5.00	4.88	
100 o-Xylene	106	9.337	9.337	0.000	94	35445	5.00	5.12	
101 Styrene	104	9.360	9.360	0.000	96	53122	5.00	5.12	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	13600	5.00	5.49	
103 Bromoform	173	9.543	9.543	0.001	95	10972	5.00	4.93	
102 Amyl acetate (mixed isomers)	43	9.657	9.657	0.000	92	22065	5.00	5.38	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	86157	5.00	4.74	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	96	173940	50.0	50.3	
106 Bromobenzene	156	10.046	10.045	0.001	97	19217	5.00	4.67	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	96	20517	5.00	4.87	
109 1,2,3-Trichloropropane	110	10.126	10.125	0.001	95	5958	5.00	5.46	
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	83	6195	5.00	5.81	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	100761	5.00	4.85	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	59665	5.00	4.78	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	85036	5.00	4.76	
114 4-Chlorotoluene	91	10.366	10.365	0.001	99	64844	5.00	4.77	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	92	77604	5.00	4.86	
115 Butyl Methacrylate	87	10.514	10.514	0.000	91	19287	5.00	4.25	
116 tert-Butylbenzene	119	10.674	10.674	0.000	93	57054	5.00	4.40	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	98	78175	5.00	4.63	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	95260	5.00	4.57	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	96	41847	5.00	4.99	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	97	233578	50.0	50.0	
119 4-Isopropyltoluene	119	11.006	11.017	-0.011	98	83174	5.00	4.56	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	94	41821	5.00	5.09	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	99	84508	5.00	4.88	
124 Benzyl chloride	91	11.154	11.154	0.000	99	41541	5.00	4.78	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	95	78125	5.00	4.93	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	86	40984	5.00	5.01	
126 p-Diethylbenzene	119	11.337	11.337	0.000	93	53144	5.00	4.62	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	44729	5.00	4.63	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	89002	5.00	4.88	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.966	-0.012	89	5722	5.00	4.99	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	97	38886	5.00	5.20	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	37400	5.00	5.05	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	95	15208	5.00	4.37	
134 Naphthalene	128	12.743	12.743	0.000	99	90247	5.00	4.90	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	36149	5.00	5.07	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	10.0	
S 139 Total BTEX	1				0		25.0	25.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00502	Amount Added: 5.00	Units: uL	
8260MIX1COMB_00162	Amount Added: 5.00	Units: uL	
ACROLEIN W_00146	Amount Added: 20.00	Units: uL	
524freon_00060	Amount Added: 5.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40804.D

Injection Date: 18-Nov-2022 16:00:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD5

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

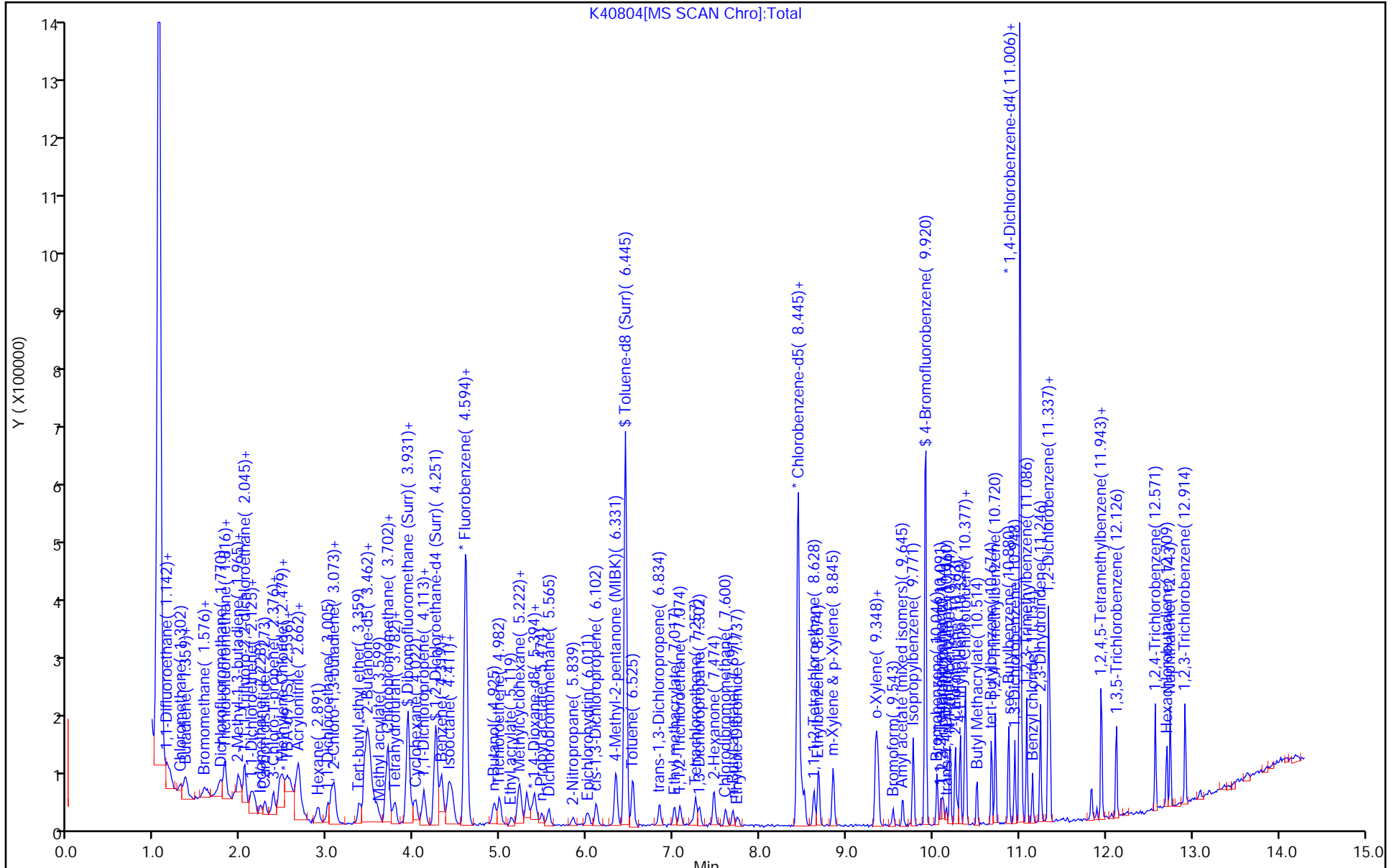
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

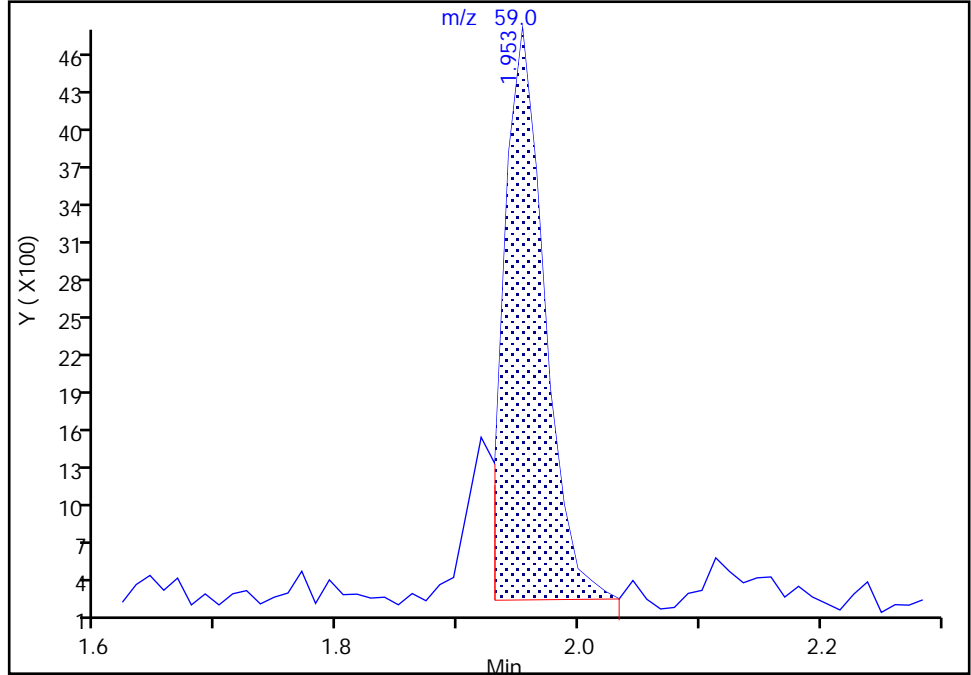
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

15 Ethyl ether, CAS: 60-29-7

Signal: 1

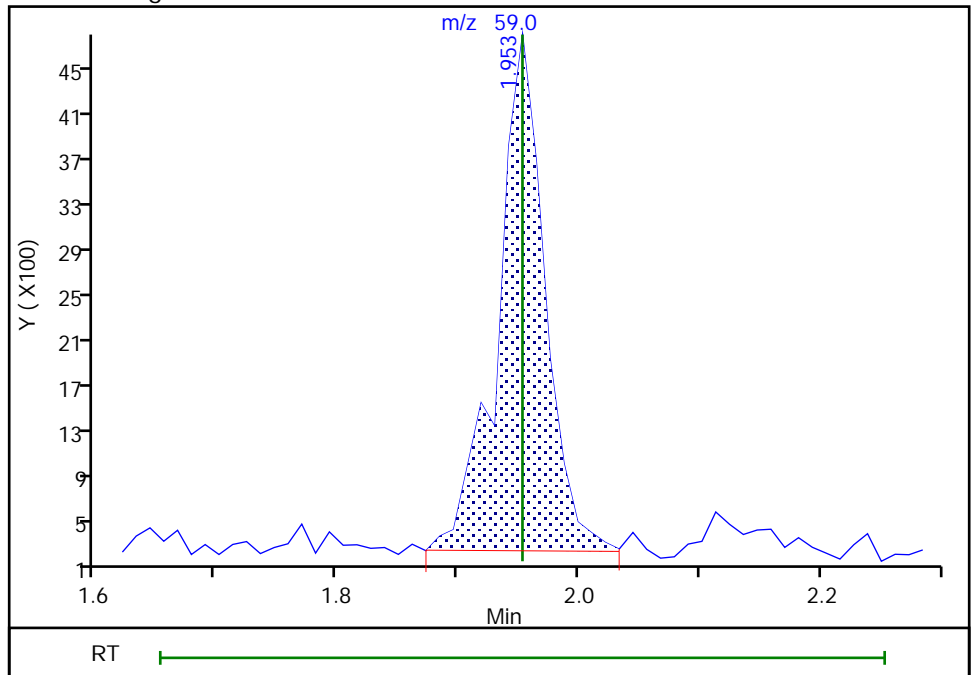
RT: 1.95
Area: 10551
Amount: 4.437312
Amount Units: ug/l

Processing Integration Results



RT: 1.95
Area: 12221
Amount: 4.800178
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:06:37
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

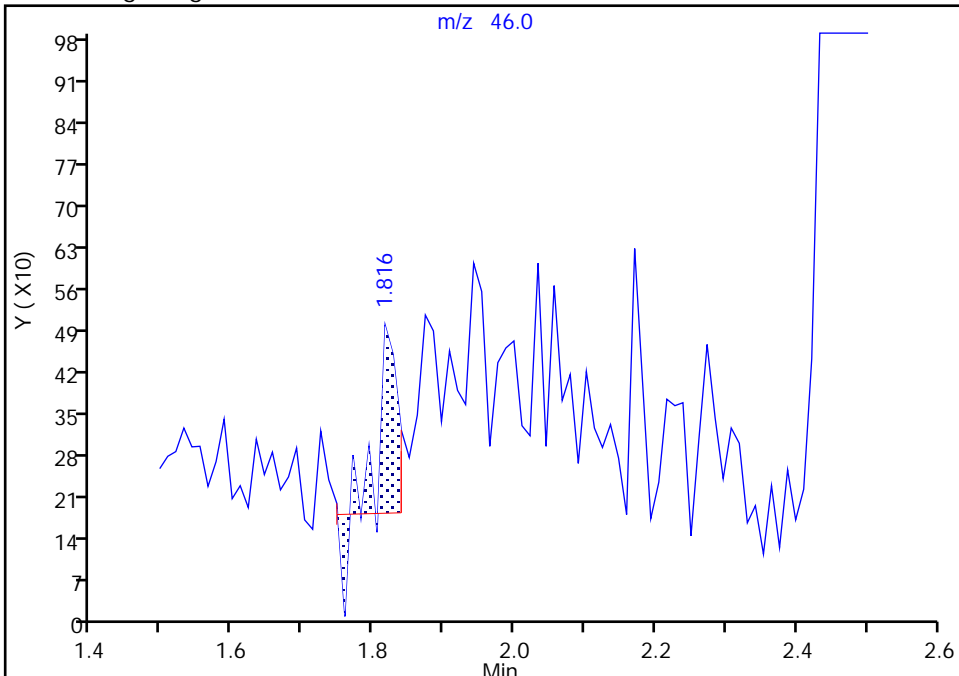
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

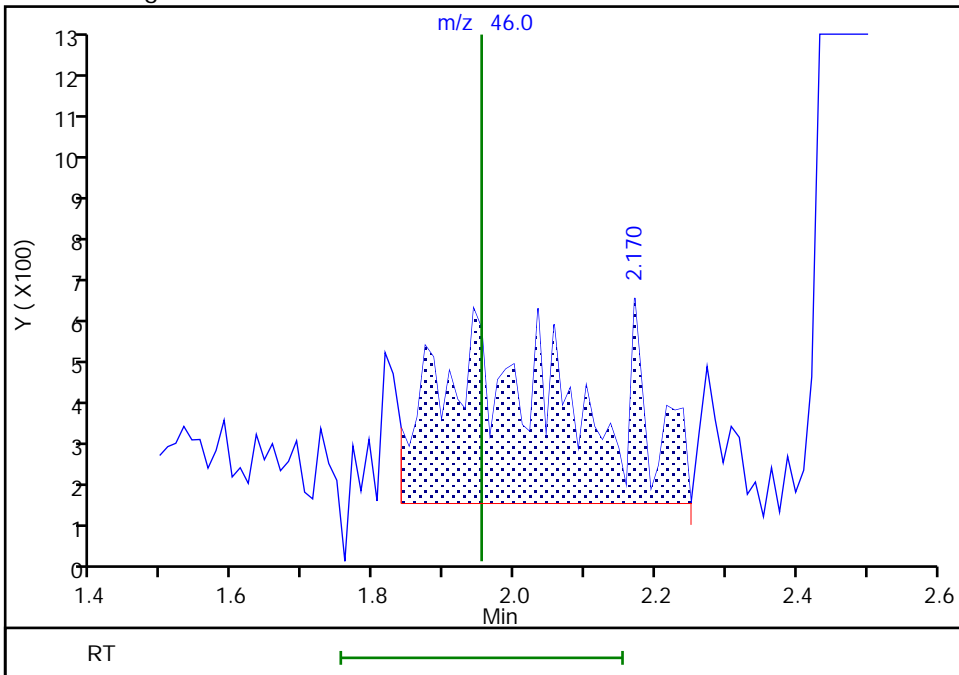
RT: 1.82
Area: 515
Amount: 38.435450
Amount Units: ug/l

Processing Integration Results



RT: 2.17
Area: 5987
Amount: 274.1269
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:35:40
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

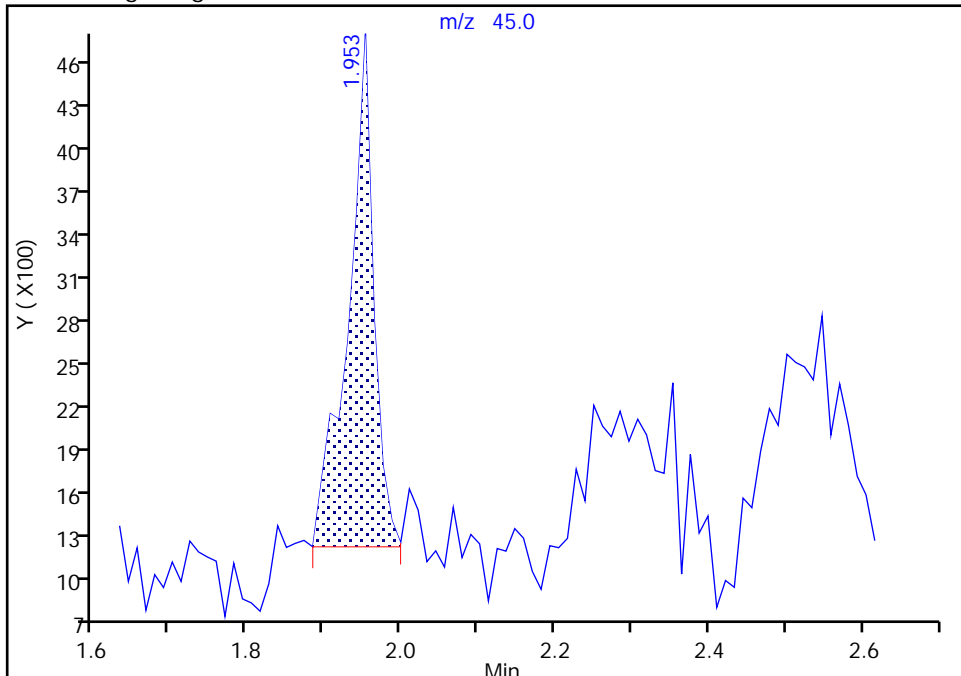
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

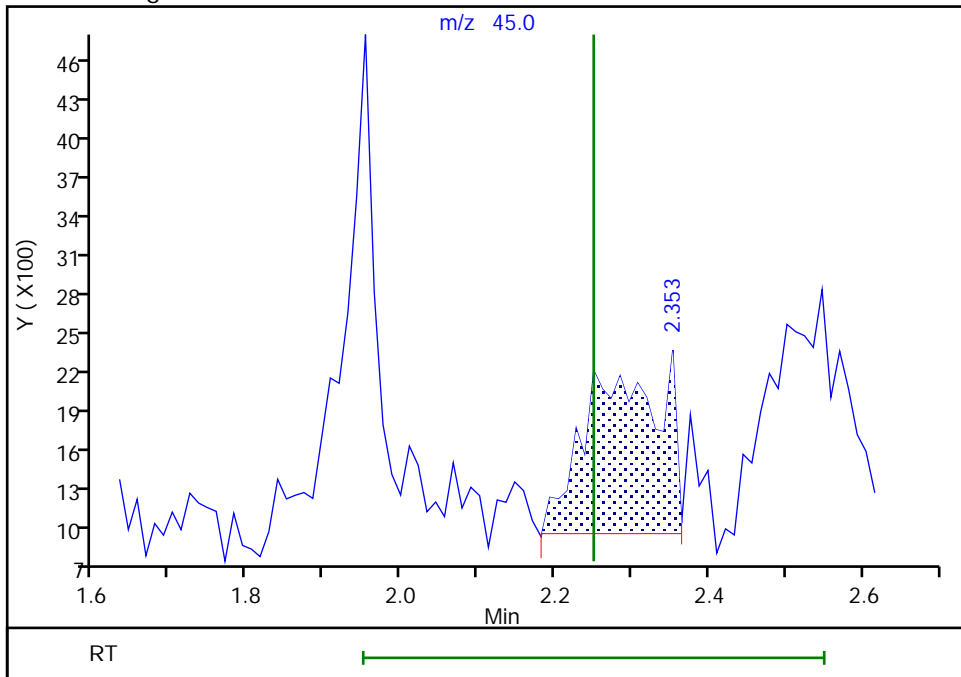
RT: 1.95
Area: 8226
Amount: 30.008510
Amount Units: ug/l

Processing Integration Results



RT: 2.35
Area: 9053
Amount: 43.385909
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:06:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

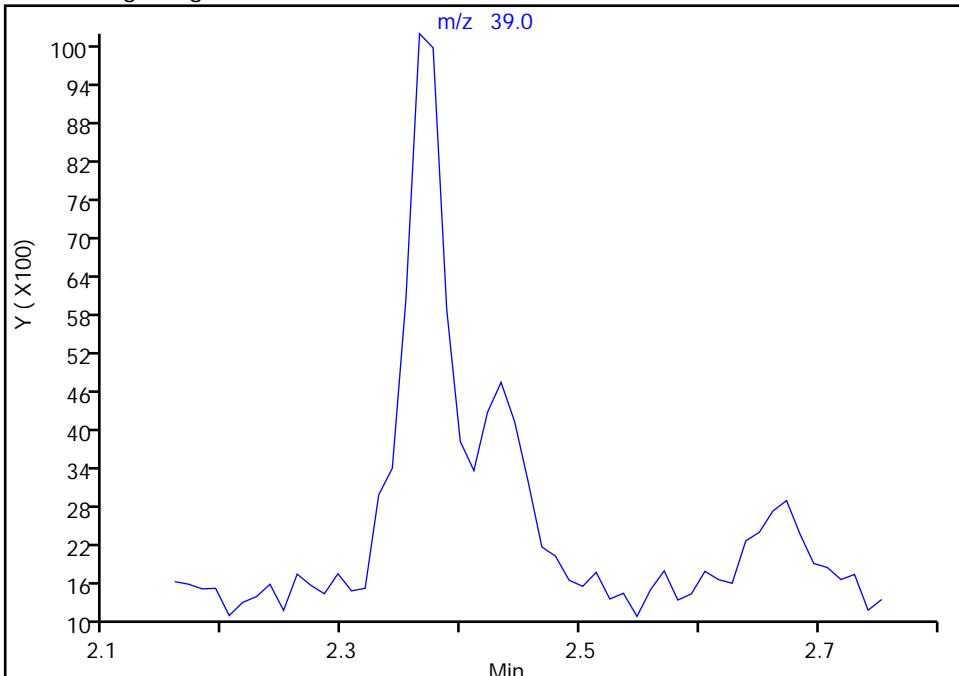
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

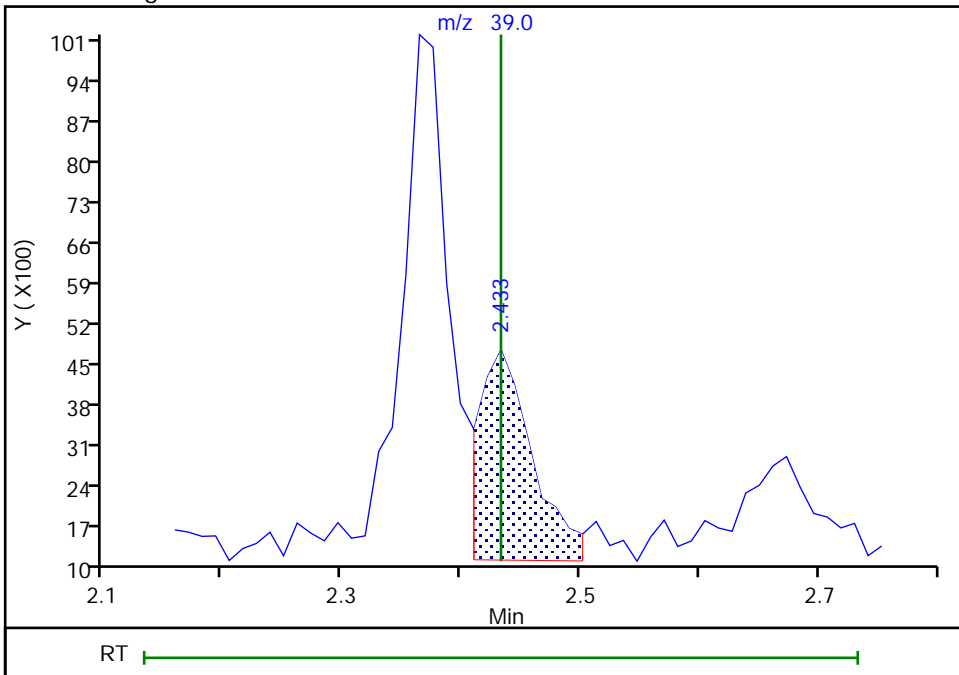
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 11865
Amount: 48.685061
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:31:34
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

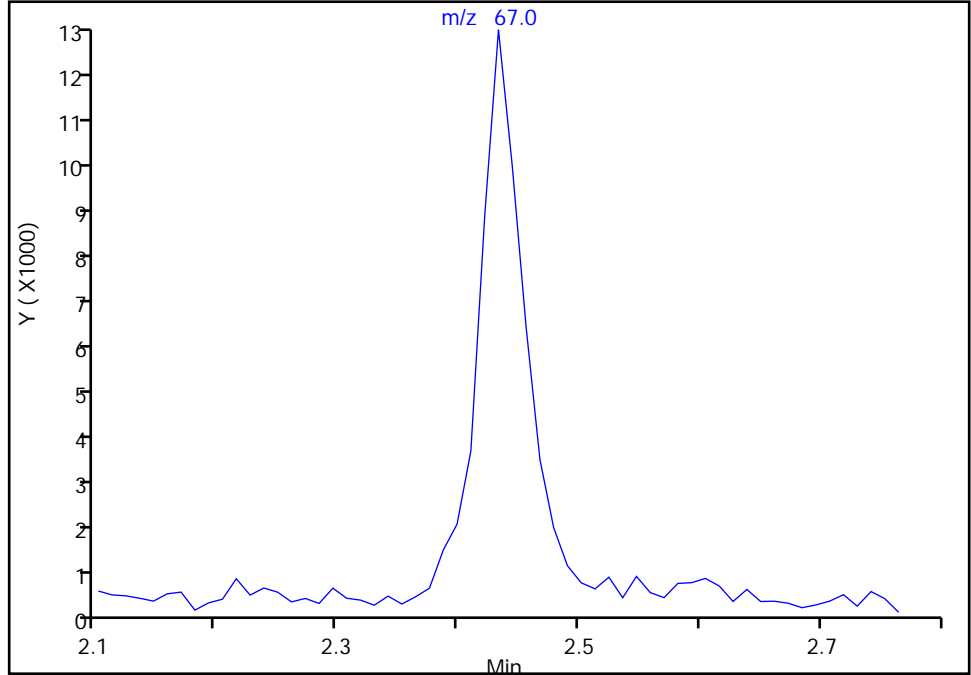
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

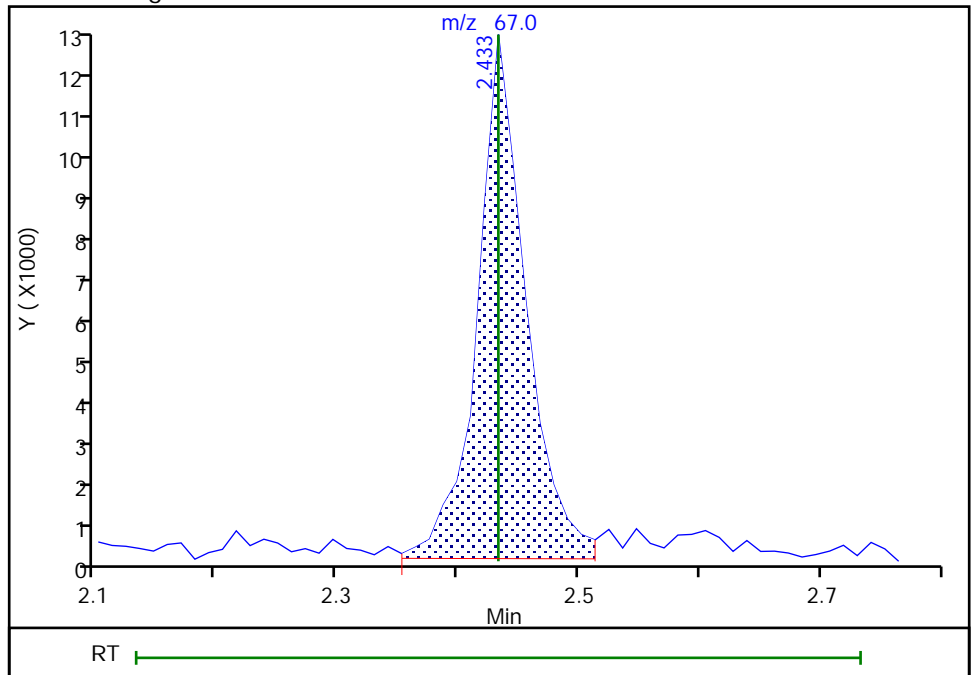
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 34328
Amount: 4.372596
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:31:39
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

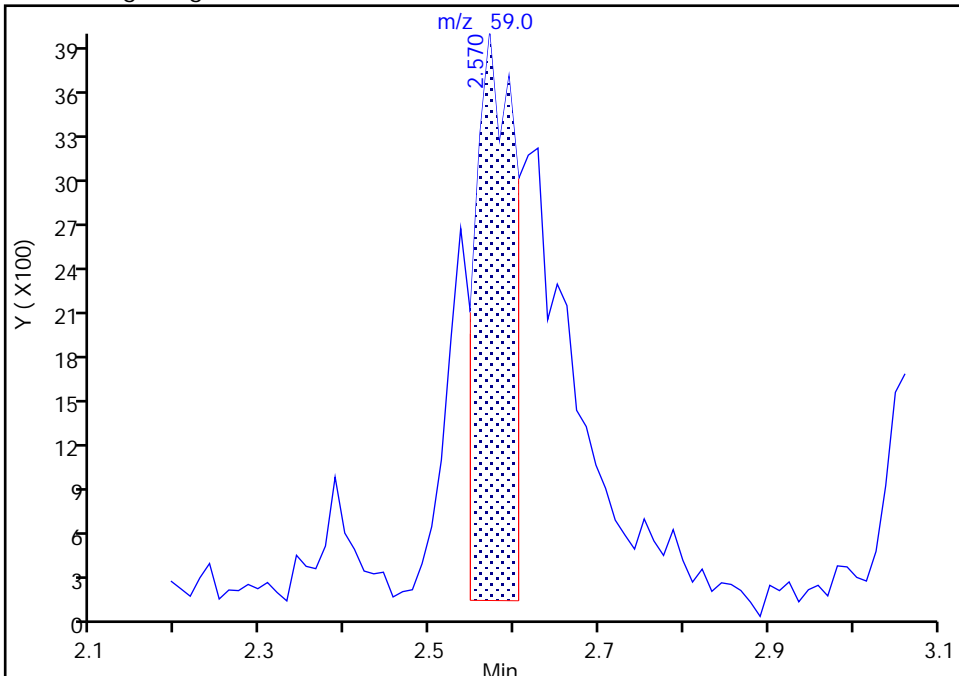
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

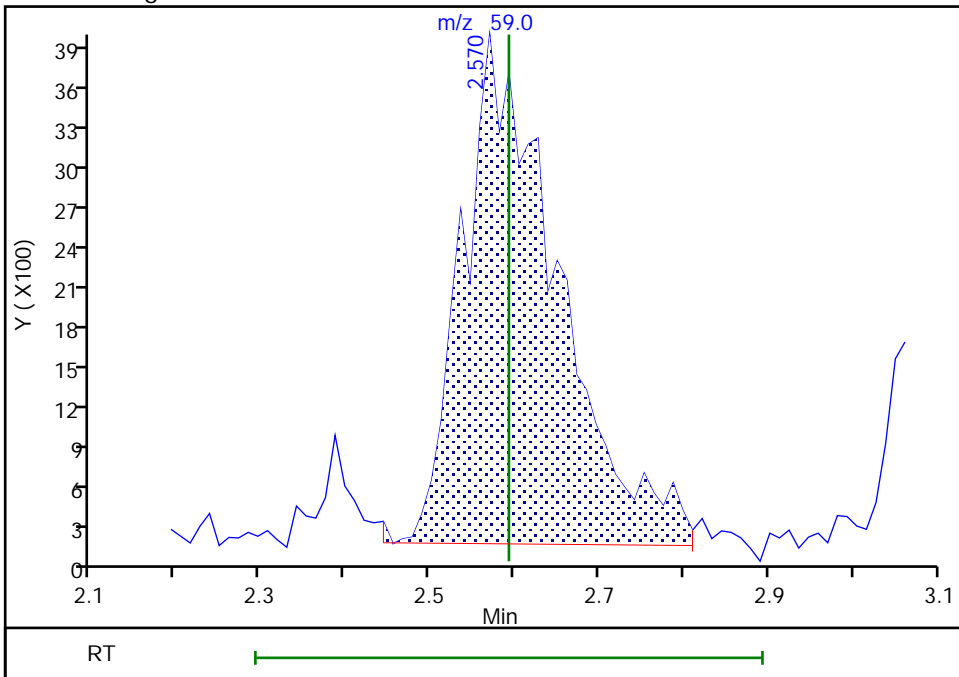
RT: 2.57
Area: 12682
Amount: 48.889138
Amount Units: ug/l

Processing Integration Results



RT: 2.57
Area: 30155
Amount: 56.349714
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:07:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

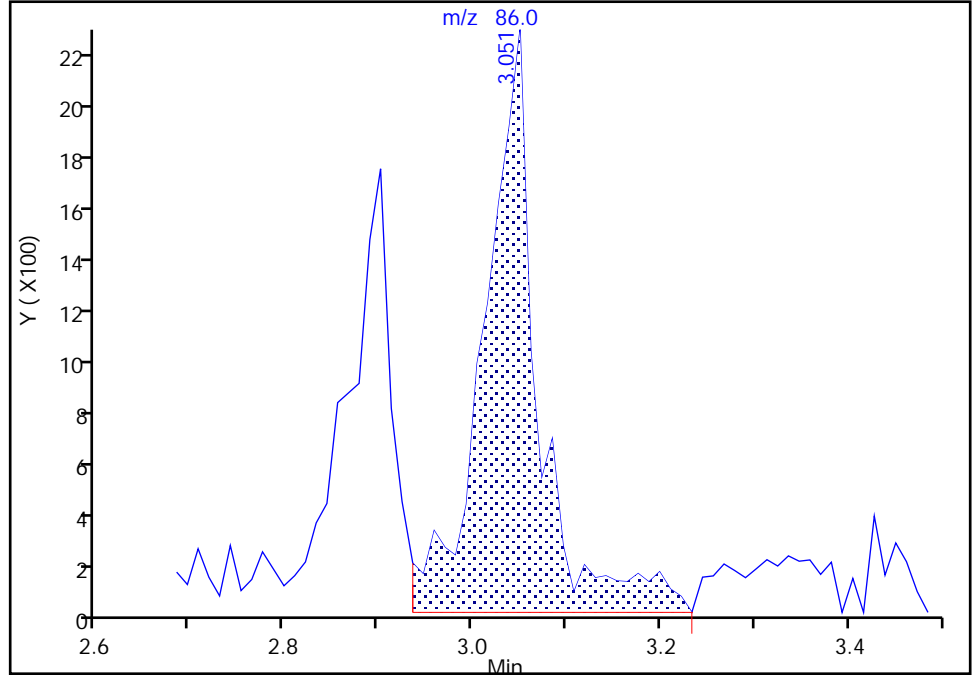
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40804.D
Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

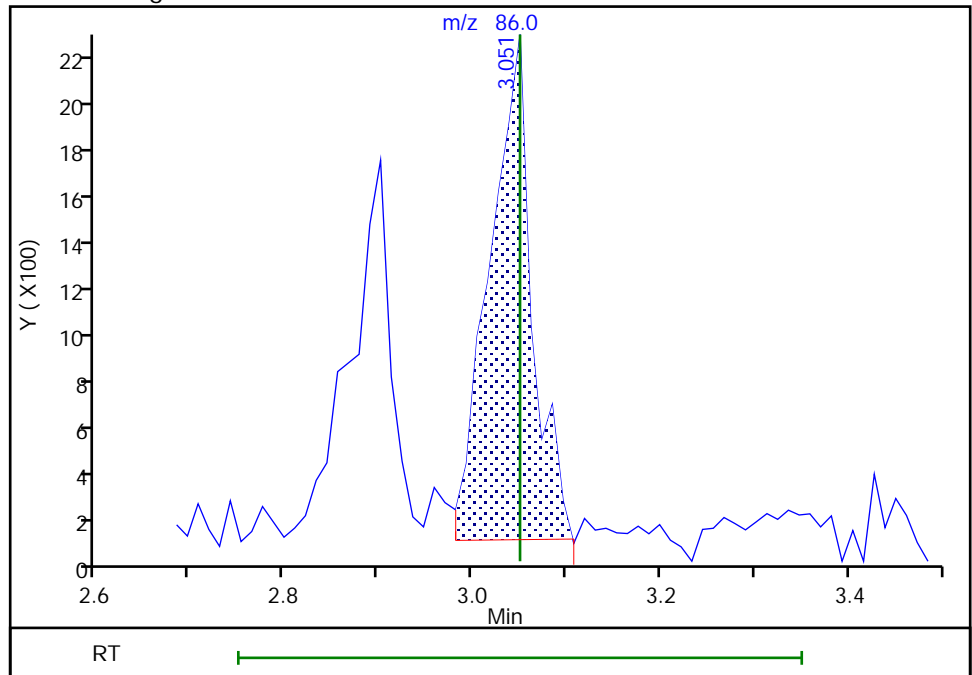
RT: 3.05
Area: 9252
Amount: 14.647539
Amount Units: ug/l

Processing Integration Results



RT: 3.05
Area: 6955
Amount: 11.505614
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:42:33
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 97 of 617

Eurofins Edison

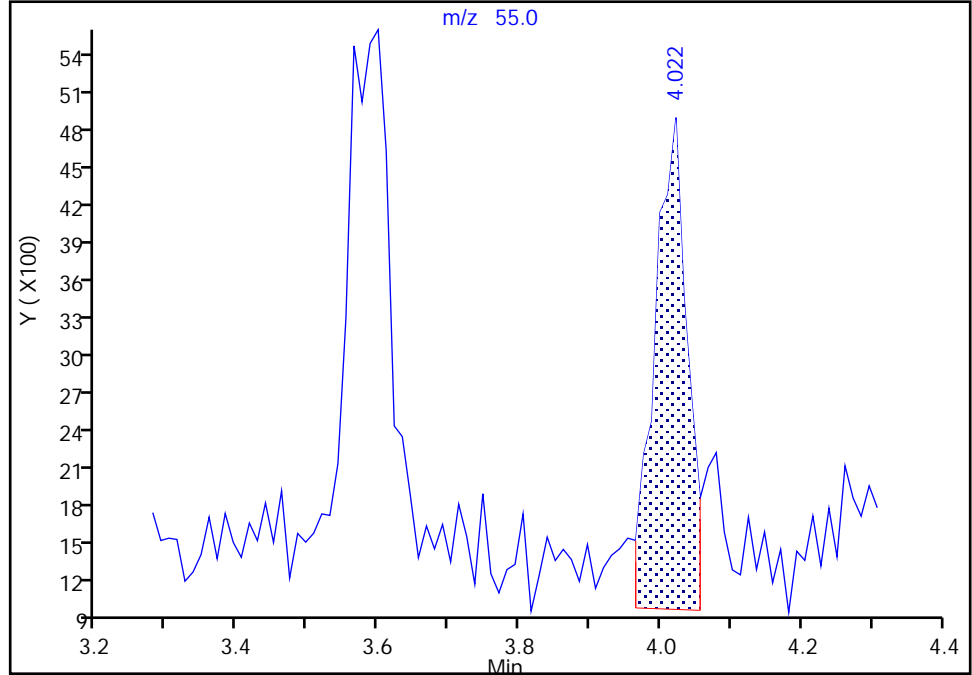
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

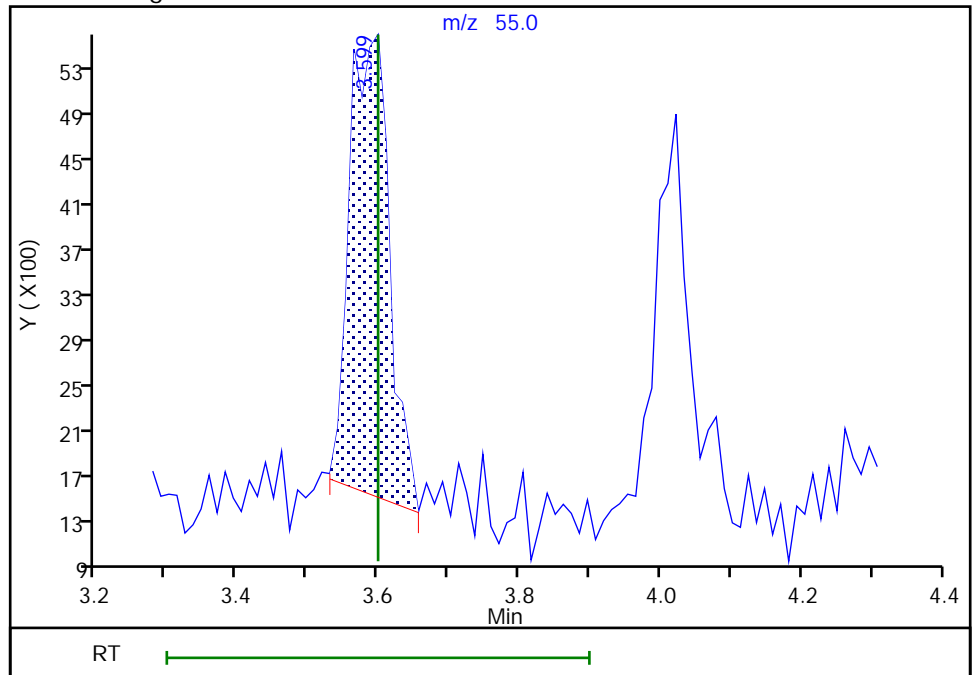
RT: 4.02
Area: 12629
Amount: 8.281200
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 15605
Amount: 4.436984
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:08:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 98 of 617

Eurofins Edison

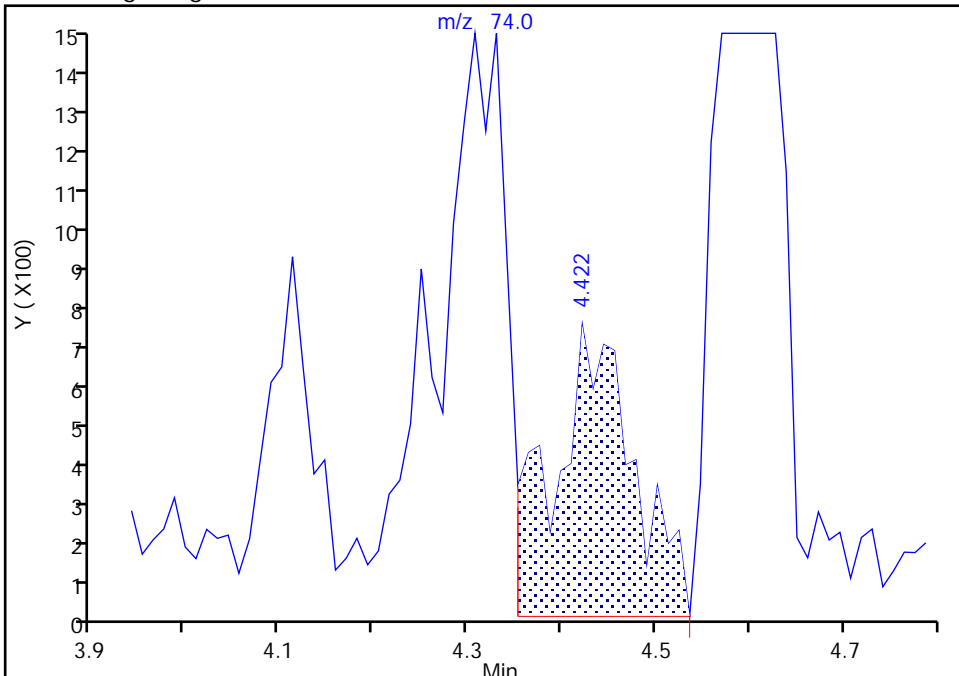
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

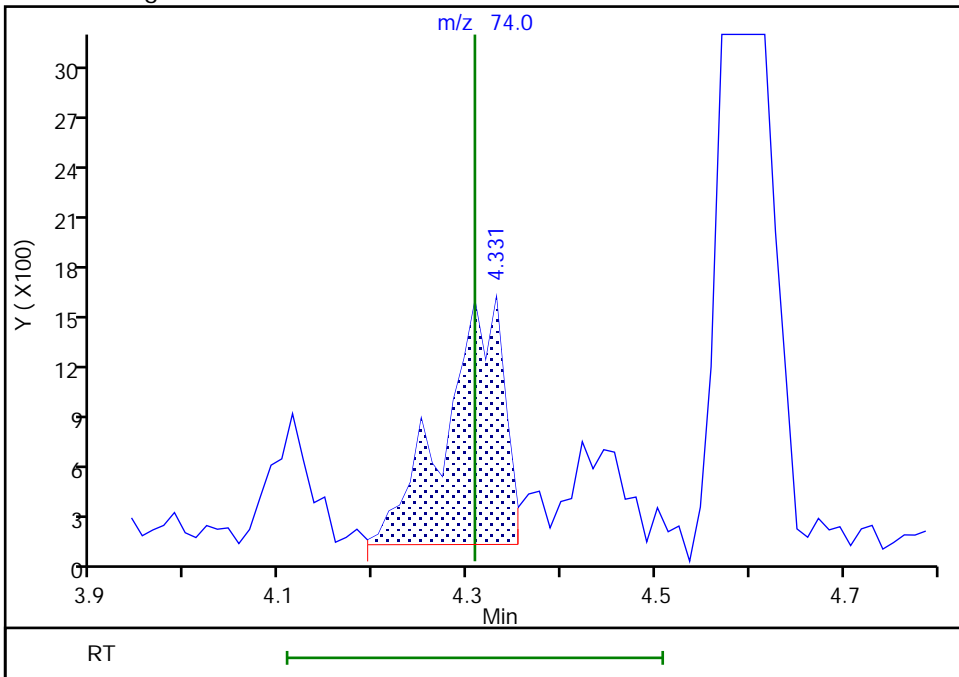
RT: 4.42
Area: 4290
Amount: 82.844945
Amount Units: ug/l

Processing Integration Results



RT: 4.33
Area: 6549
Amount: 129.2775
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:08:32
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

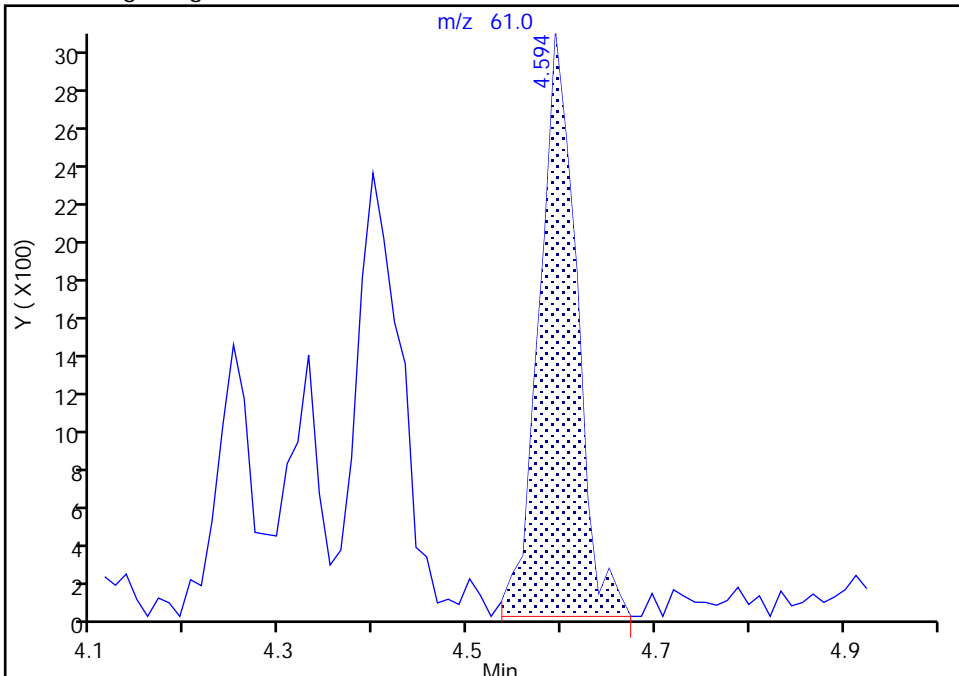
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40804.D
Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

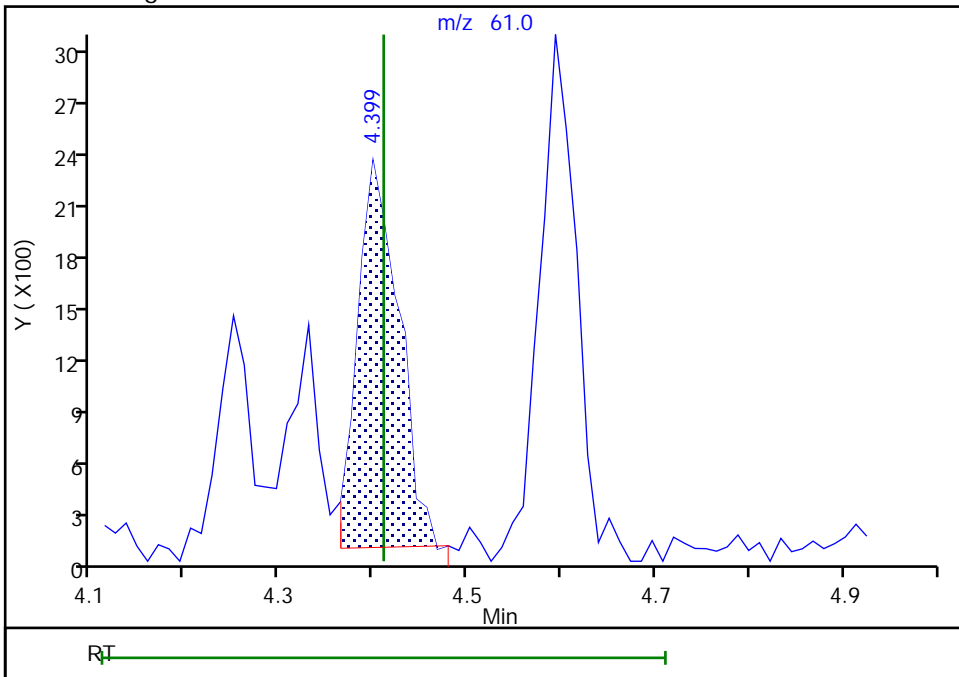
RT: 4.59
Area: 8523
Amount: 6.504377
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 6963
Amount: 5.533444
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:31:27
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

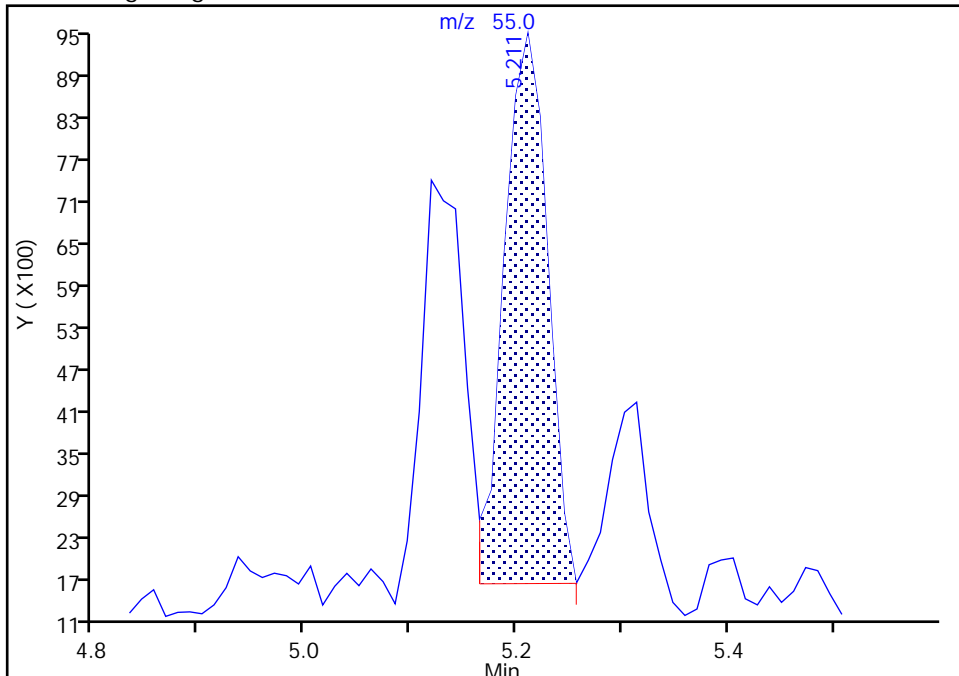
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Injection Date: 18-Nov-2022 16:00:30 Instrument ID: CVOAMS9
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

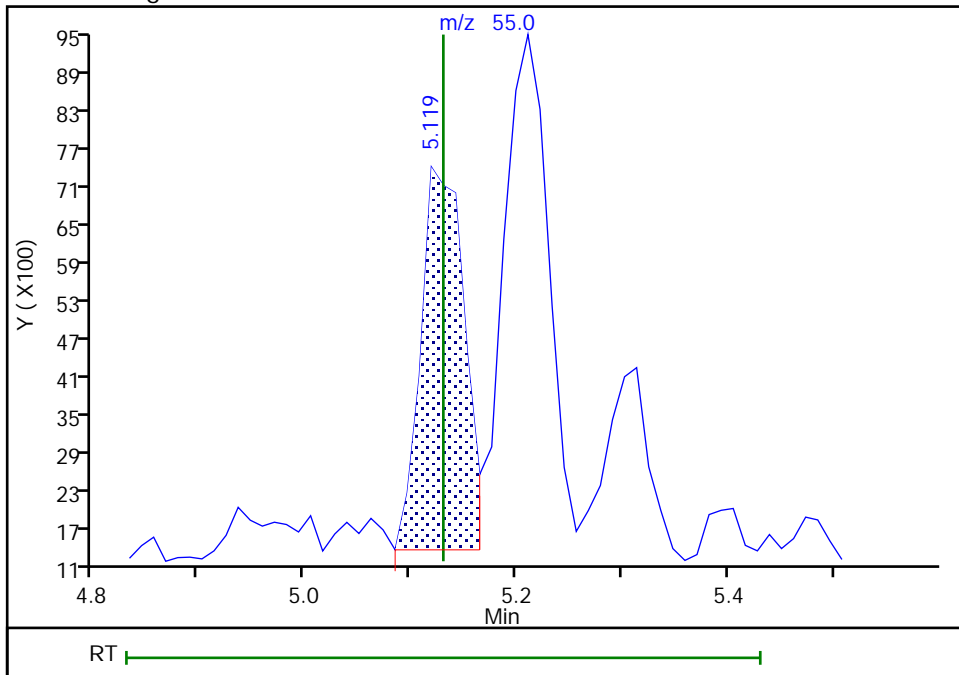
RT: 5.21
Area: 22457
Amount: 5.904100
Amount Units: ug/l

Processing Integration Results



RT: 5.12
Area: 17291
Amount: 4.700851
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:08:46
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 18-Nov-2022 16:23:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0153407-005
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:45 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:39:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.073	1.073	0.000	72	16700	NC	NC	a
3 1,1-Difluoroethane	65	1.142	1.142	0.000	94	54770	NC	NC	
2 Chlorotrifluoroethene	116	1.153	1.153	0.000	62	58037	20.0	23.0	
4 Dichlorodifluoromethane	85	1.176	1.176	0.000	83	181576	20.0	22.4	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	96	23783	20.0	22.2	M
6 Chloromethane	50	1.302	1.302	0.000	99	168270	20.0	20.6	
7 Butadiene	54	1.359	1.359	0.000	95	102278	20.0	19.6	
8 Vinyl chloride	62	1.382	1.382	0.000	97	116763	20.0	20.5	
9 Bromomethane	94	1.576	1.576	0.000	98	82967	20.0	19.0	
10 Chloroethane	64	1.610	1.610	0.000	100	62064	20.0	19.0	
11 Dichlorofluoromethane	67	1.759	1.759	0.000	99	171651	20.0	21.5	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	57	143548	20.0	20.9	
13 Pentane	72	1.816	1.816	0.000	96	28014	40.0	41.6	
14 Ethanol	46	1.953	1.953	0.000	64	18373	800.0	821.8	M
15 Ethyl ether	59	1.953	1.953	0.000	96	51787	20.0	19.7	
16 2-Methyl-1,3-butadiene	53	1.976	1.976	0.000	87	74428	20.0	22.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.976	1.976	0.000	87	79651	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.010	2.010	0.000	95	124587	20.0	21.4	
19 Acrolein	56	2.045	2.045	0.000	97	154709	300.0	306.9	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	96	72393	20.0	21.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.147	2.147	0.000	98	92754	20.0	20.7	
22 Acetone	43	2.159	2.159	0.000	70	105250	100.0	86.5	
23 Iodomethane	142	2.227	2.227	0.000	97	144717	20.0	20.1	
24 Isopropyl alcohol	45	2.250	2.250	0.000	26	39963	200.0	187.1	Ma
25 Carbon disulfide	76	2.273	2.273	0.000	100	279646	20.0	21.2	
26 3-Chloro-1-propene	39	2.376	2.376	0.000	89	104133	20.0	20.5	
27 Methyl acetate	43	2.388	2.388	0.000	99	85876	40.0	42.7	
28 Cyclopentene	67	2.433	2.433	0.000	93	172780	20.0	21.3	a
29 Acetonitrile	39	2.433	2.433	0.000	27	55081	200.0	220.8	a
31 Methylene Chloride	84	2.456	2.456	0.000	92	80702	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	46	2.536	2.536	0.000	95	114640	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.593	2.593	0.000	91	106058	200.0	193.6	M
35 Acrylonitrile	53	2.650	2.650	0.000	94	241993	200.0	202.4	
33 Methyl tert-butyl ether	73	2.673	2.673	0.000	91	219531	20.0	19.5	
34 trans-1,2-Dichloroethene	96	2.673	2.673	0.000	95	76230	20.0	19.8	
36 Hexane	43	2.890	2.890	0.000	91	65757	20.0	20.4	
38 1,1-Dichloroethane	63	3.005	3.005	0.000	100	132449	20.0	20.6	
39 Vinyl acetate	86	3.050	3.050	0.000	100	27288	40.0	44.1	
37 Isopropyl ether	45	3.073	3.073	0.000	86	226570	20.0	19.5	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	93	68619	20.0	20.3	
41 Tert-butyl ethyl ether	87	3.370	3.370	0.000	90	94611	20.0	19.8	
* 42 2-Butanone-d5	46	3.462	3.462	0.000	97	287857	250.0	250.0	
43 2,2-Dichloropropane	79	3.496	3.496	0.000	84	45838	20.0	19.0	
44 cis-1,2-Dichloroethene	96	3.496	3.496	0.000	97	82391	20.0	19.2	
46 2-Butanone (MEK)	72	3.519	3.519	0.000	98	42575	100.0	99.5	
45 Ethyl acetate	70	3.565	3.565	0.000	98	15342	40.0	38.7	
48 Propionitrile	54	3.565	3.565	0.000	90	99752	200.0	203.1	a
47 Methyl acrylate	55	3.599	3.599	0.000	98	73445	20.0	20.2	a
50 Chlorobromomethane	128	3.702	3.702	0.000	85	39856	20.0	19.4	
51 Methacrylonitrile	67	3.702	3.702	0.000	92	263904	200.0	199.3	
49 Tetrahydrofuran	72	3.771	3.771	0.000	51	19397	40.0	40.0	
52 Chloroform	83	3.782	3.782	0.000	98	126689	20.0	19.7	
\$ 55 Dibromofluoromethane (Surr)	113	3.931	3.931	0.000	96	155432	50.0	50.8	
54 1,1,1-Trichloroethane	97	3.965	3.965	0.000	97	132894	20.0	21.0	
53 Cyclohexane	84	4.022	4.022	0.000	92	132397	20.0	20.8	
57 1,1-Dichloropropene	75	4.113	4.113	0.000	96	99246	20.0	20.4	
56 Carbon tetrachloride	117	4.125	4.125	0.000	96	115191	20.0	21.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	162396	50.0	50.6	
58 Isobutyl alcohol	74	4.308	4.308	0.000	39	27748	500.0	535.1	a
60 Benzene	78	4.319	4.319	0.000	95	292603	20.0	20.9	
64 1,2-Dichloroethane	62	4.331	4.331	0.000	98	91808	20.0	19.1	
59 Isooctane	57	4.411	4.411	0.000	96	279886	20.0	19.0	
62 Isopropyl acetate	61	4.411	4.411	0.000	95	23758	20.0	18.3	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	96	233138	20.0	20.1	
* 66 Fluorobenzene	96	4.605	4.605	0.000	99	592712	50.0	50.0	
65 n-Heptane	43	4.616	4.616	0.000	92	113241	20.0	20.1	
68 n-Butanol	56	4.936	4.936	0.000	24	60845	500.0	461.8	a
69 Trichloroethene	95	4.993	4.993	0.000	97	73480	20.0	19.0	
70 Ethyl acrylate	55	5.131	5.131	0.000	98	71407	20.0	18.8	a
71 Methylcyclohexane	83	5.211	5.211	0.000	93	153780	20.0	19.8	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	91	71534	20.0	19.5	
77 Dibromomethane	93	5.359	5.359	0.000	97	41742	20.0	19.3	
74 Methyl methacrylate	69	5.394	5.394	0.000	89	84164	40.0	36.8	
* 73 1,4-Dioxane-d8	96	5.405	5.405	0.000	28	30646	1000.0	1000.0	
75 1,4-Dioxane	88	5.416	5.416	0.000	31	17404	400.0	429.9	
76 n-Propyl acetate	43	5.485	5.485	0.000	98	86276	20.0	17.7	
78 Dichlorobromomethane	83	5.565	5.565	0.000	99	90576	20.0	18.3	
79 2-Nitropropane	41	5.839	5.839	0.000	100	38333	40.0	36.0	
80 Epichlorohydrin	57	5.999	5.999	0.000	99	131488	400.0	378.1	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	94	109938	20.0	19.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	327666	100.0	93.5	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	615833	50.0	51.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.536	6.536	0.000	93	319411	20.0	20.8	
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	94160	20.0	19.2	
86 Ethyl methacrylate	69	7.017	7.017	0.000	89	82871	20.0	19.1	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	92	46541	20.0	19.5	
88 Tetrachloroethene	166	7.257	7.257	0.000	97	78554	20.0	20.1	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	95	89815	20.0	20.0	
90 2-Hexanone	43	7.462	7.462	0.000	96	193722	100.0	87.2	
92 Chlorodibromomethane	129	7.611	7.611	0.000	98	65718	20.0	19.2	
91 n-Butyl acetate	43	7.691	7.691	0.000	98	88672	20.0	19.3	
93 Ethylene Dibromide	107	7.748	7.748	0.000	97	58458	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	86	419035	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	95	193288	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	94	81271	20.0	20.5	
96 Ethylbenzene	106	8.674	8.674	0.000	98	109990	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	135160	20.0	20.0	
100 o-Xylene	106	9.337	9.337	0.000	95	151377	20.0	20.7	
101 Styrene	104	9.360	9.360	0.000	95	218097	20.0	19.9	
99 n-Butyl acrylate	73	9.371	9.371	0.000	96	48942	20.0	18.7	
103 Bromoform	173	9.543	9.543	0.000	96	44812	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.657	9.657	0.000	91	89613	20.0	20.8	
104 Isopropylbenzene	105	9.771	9.771	0.000	96	390282	20.0	20.4	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	95	186083	50.0	51.0	
106 Bromobenzene	156	10.045	10.045	0.000	93	87400	20.0	20.4	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	99	82954	20.0	18.9	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	96	21568	20.0	19.0	
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	83	23065	20.0	20.7	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	440426	20.0	20.3	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	266807	20.0	20.5	
112 4-Ethyltoluene	105	10.320	10.320	0.000	100	373434	20.0	20.0	
114 4-Chlorotoluene	91	10.365	10.365	0.000	99	275668	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	339439	20.0	20.4	
115 Butyl Methacrylate	87	10.514	10.514	0.000	89	81828	20.0	17.3	
116 tert-Butylbenzene	119	10.674	10.674	0.000	94	262007	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	97	342258	20.0	19.4	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	440563	20.0	20.3	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	97	172223	20.0	19.7	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	97	243686	50.0	50.0	
119 4-Isopropyltoluene	119	11.017	11.017	0.000	98	392092	20.0	20.6	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	95	167935	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	98	354098	20.0	19.6	
124 Benzyl chloride	91	11.154	11.154	0.000	99	177326	20.0	19.5	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	95	326670	20.0	19.8	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	85	174456	20.0	20.5	
126 p-Diethylbenzene	119	11.337	11.337	0.000	93	234665	20.0	19.5	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	204384	20.0	20.3	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	97	375163	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.966	11.966	0.000	92	21957	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	98	154943	20.0	19.9	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	93	148356	20.0	19.2	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	96	70750	20.0	19.5	
134 Naphthalene	128	12.743	12.743	0.000	99	348400	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	145711	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 137 Xylenes, Total	100				0		40.0	40.8	
S 139 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00502	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00162	Amount Added: 2.00	Units: uL	
ACROLEIN W_00146	Amount Added: 3.00	Units: uL	
524freon_00060	Amount Added: 2.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D

Injection Date: 18-Nov-2022 16:23:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

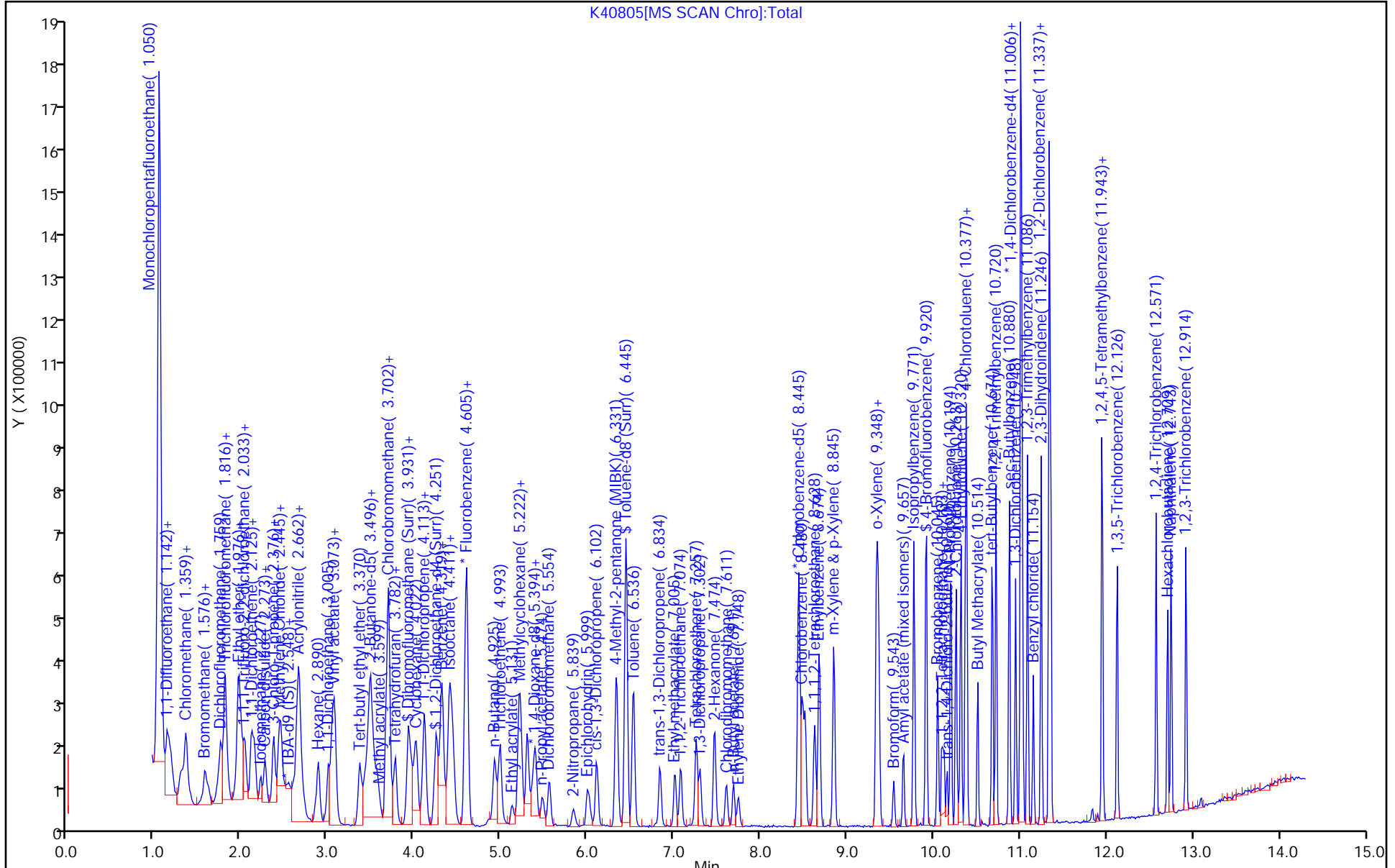
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

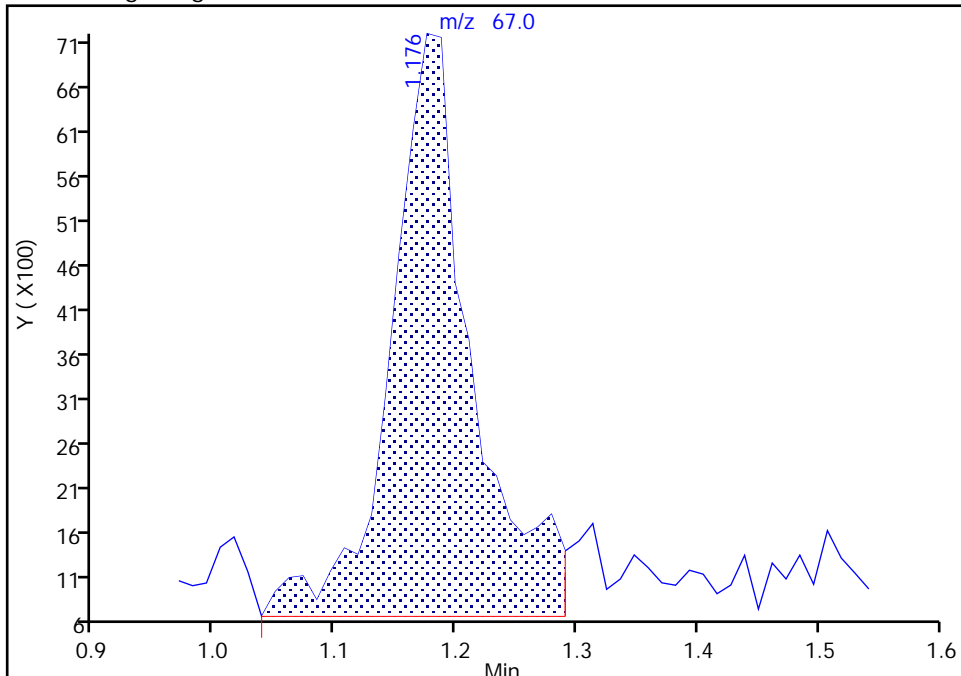
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

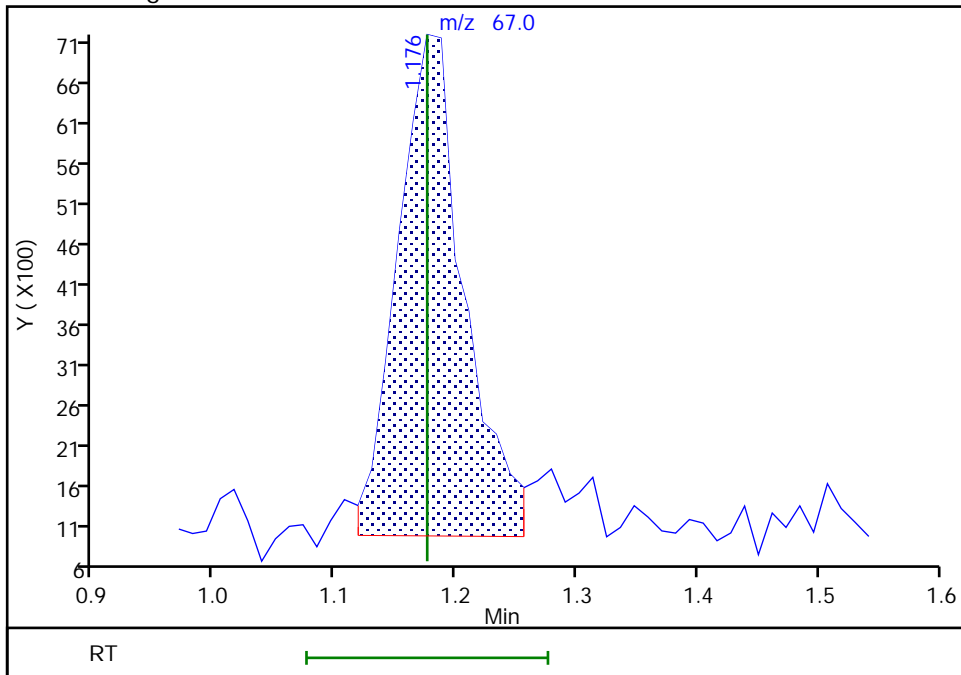
RT: 1.18
Area: 30279
Amount: 28.068797
Amount Units: ug/l

Processing Integration Results



RT: 1.18
Area: 23783
Amount: 22.183820
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:37:14
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins Edison

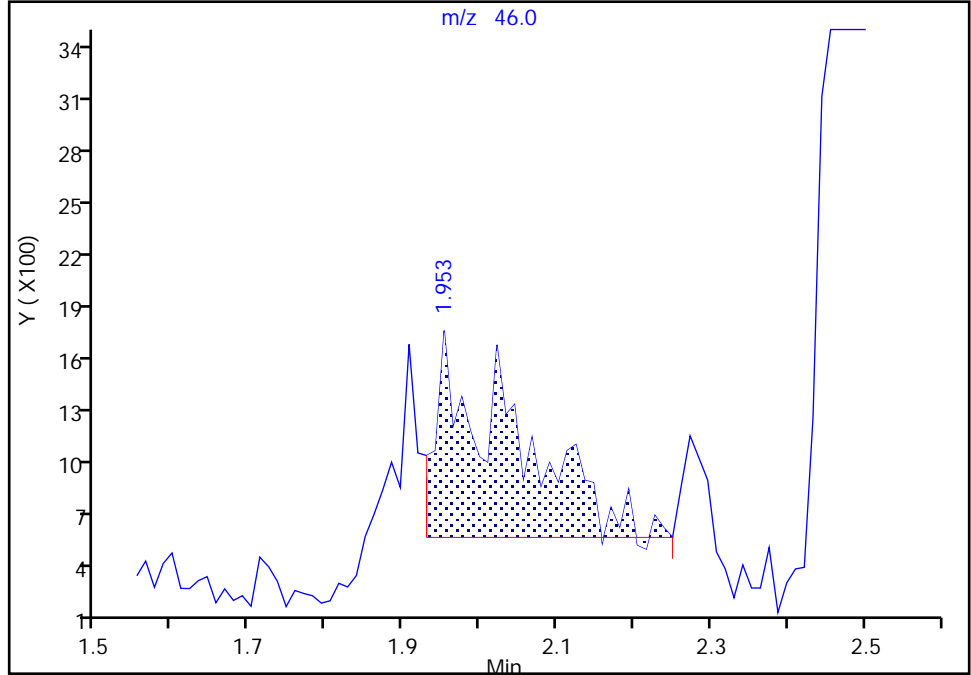
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

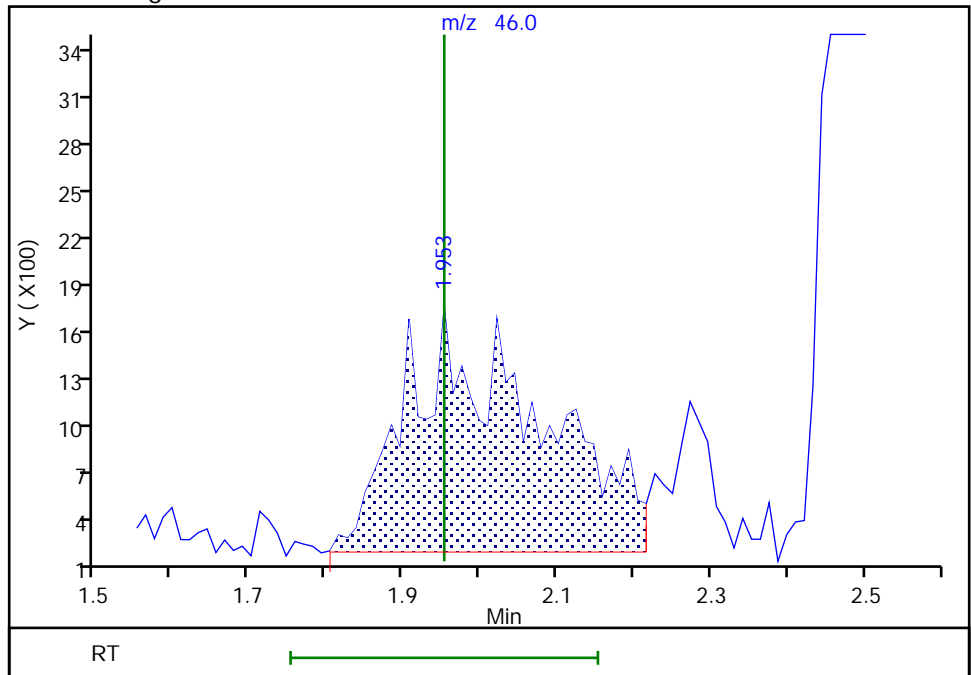
RT: 1.95
Area: 8023
Amount: 388.4524
Amount Units: ug/l

Processing Integration Results



RT: 1.95
Area: 18373
Amount: 821.7841
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:55:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

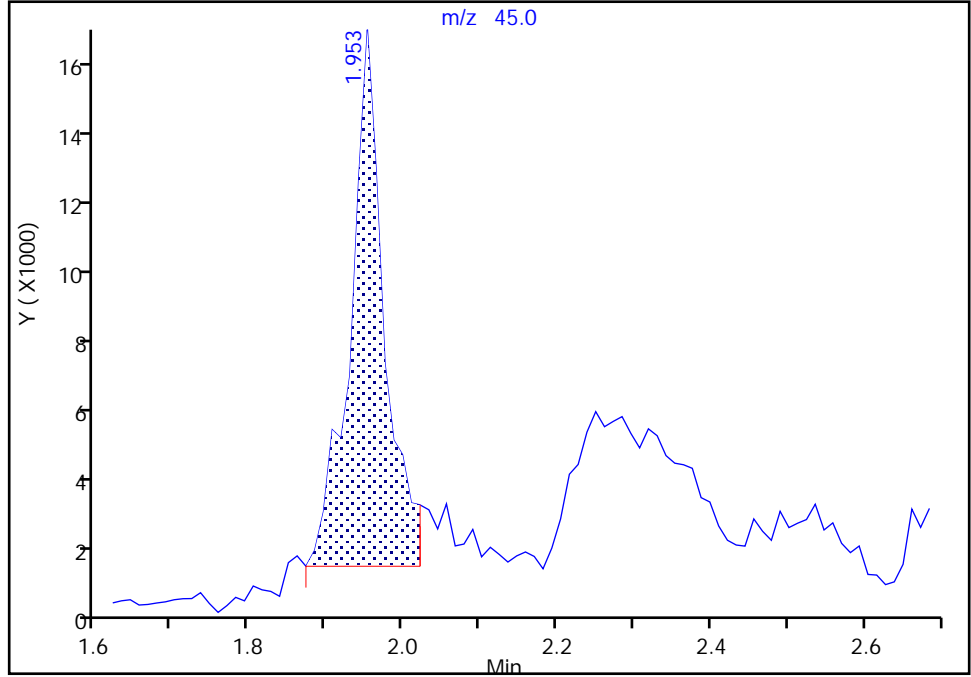
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

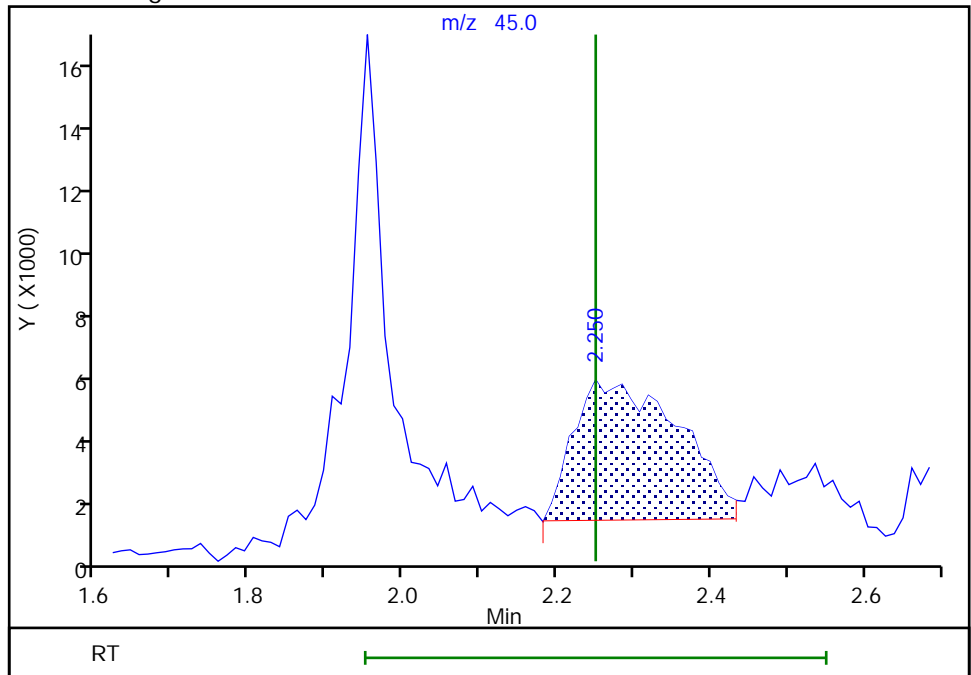
RT: 1.95
Area: 44982
Amount: 160.2986
Amount Units: ug/l

Processing Integration Results



RT: 2.25
Area: 39963
Amount: 187.0896
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:56:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Edison

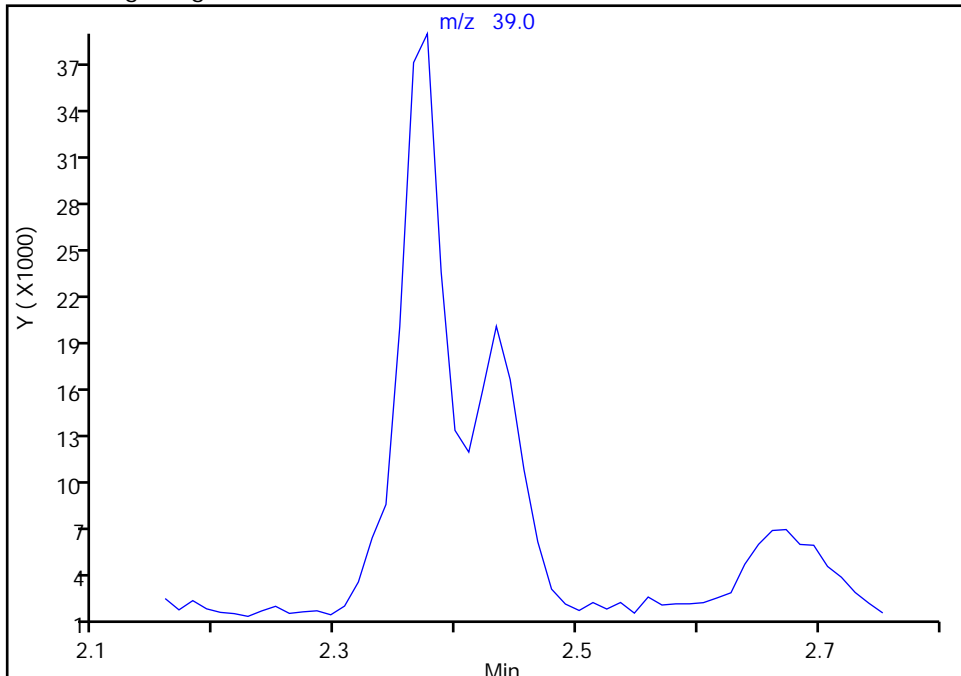
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

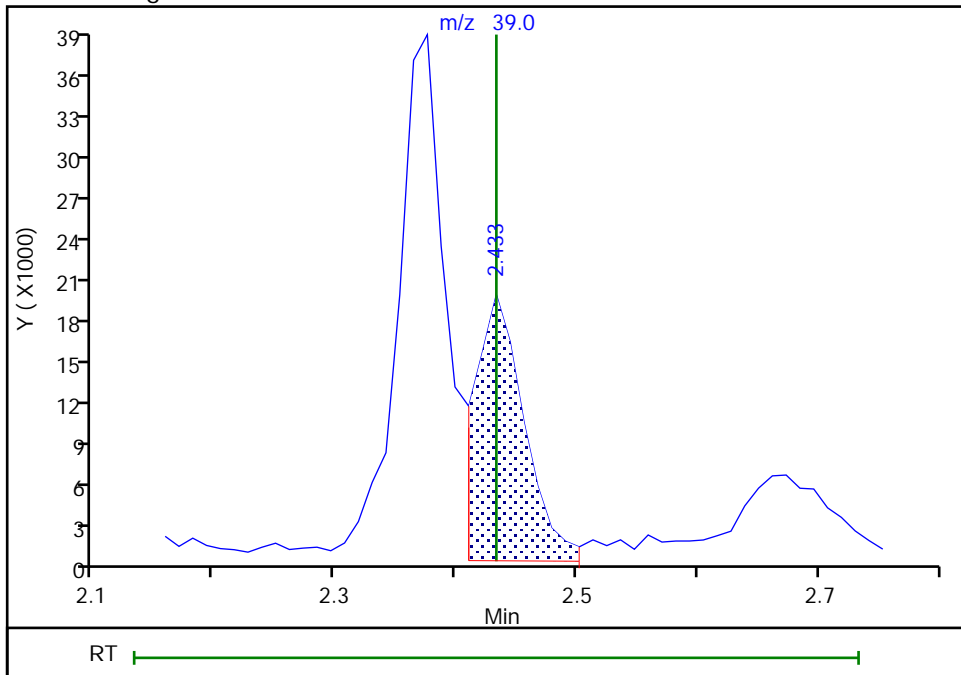
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 55081
Amount: 220.7827
Amount Units: ug/l



Eurofins Edison

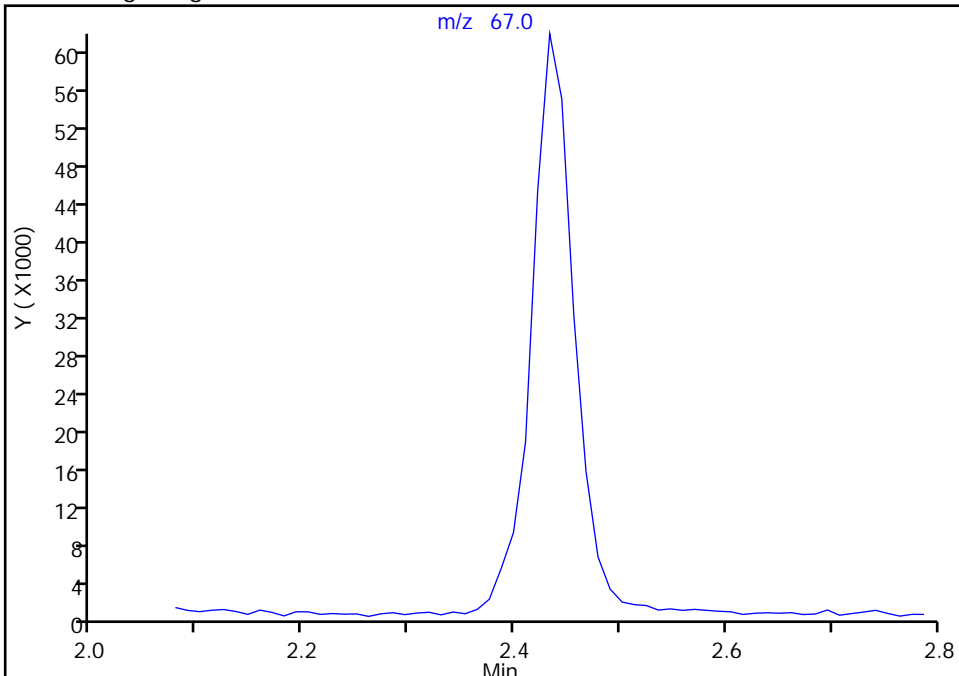
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

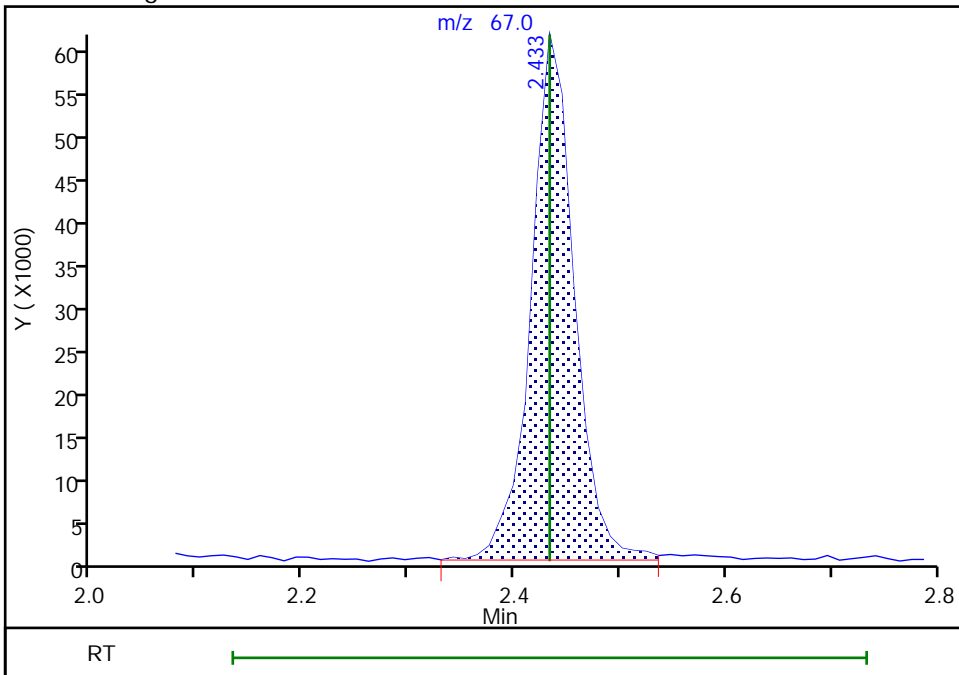
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 172780
Amount: 21.301652
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:21:25
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

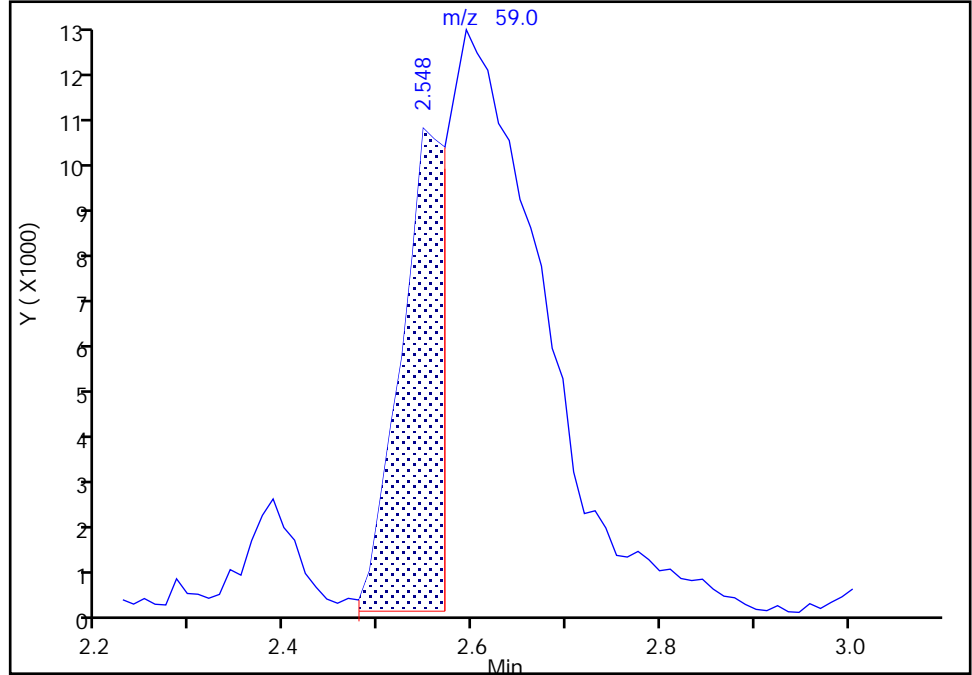
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

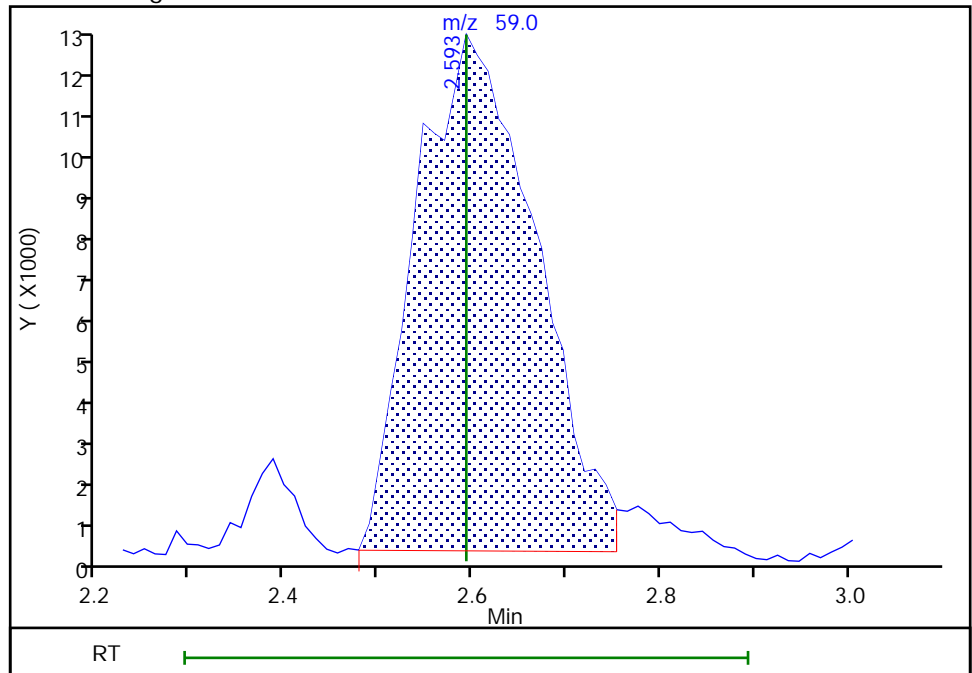
RT: 2.55
Area: 34129
Amount: 83.021371
Amount Units: ug/l

Processing Integration Results



RT: 2.59
Area: 106058
Amount: 193.6026
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:56:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

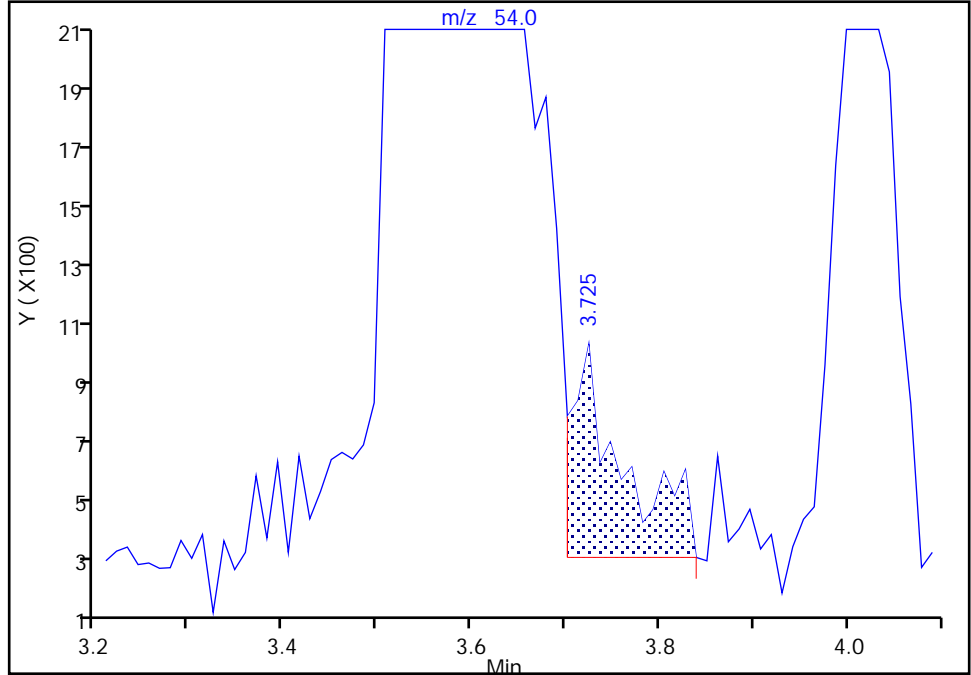
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D
Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

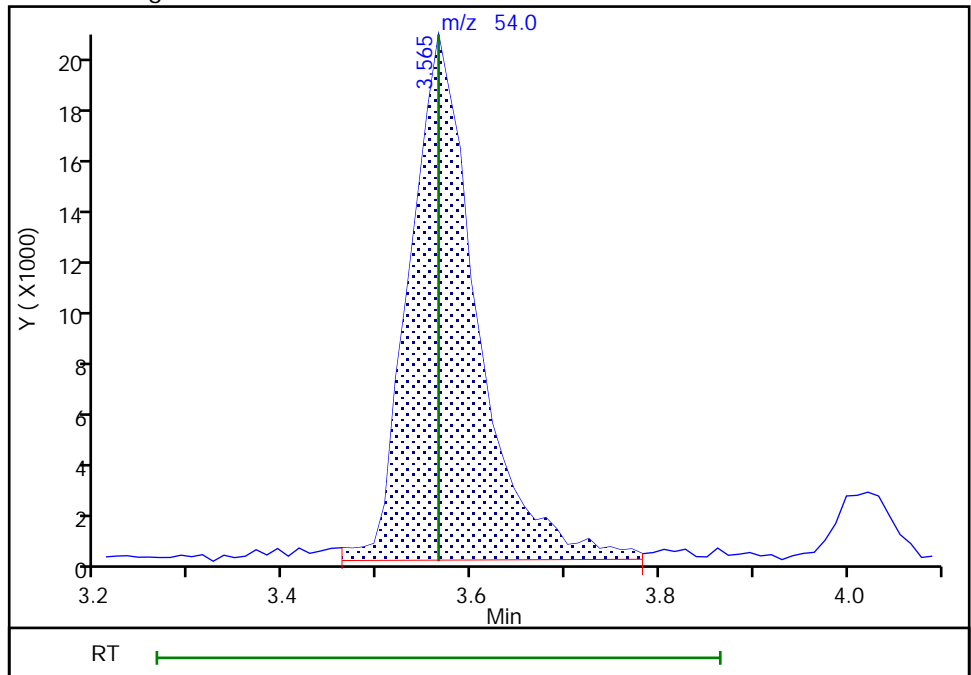
RT: 3.72
Area: 2640
Amount: 9.366226
Amount Units: ug/l

Processing Integration Results



RT: 3.56
Area: 99752
Amount: 203.0728
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

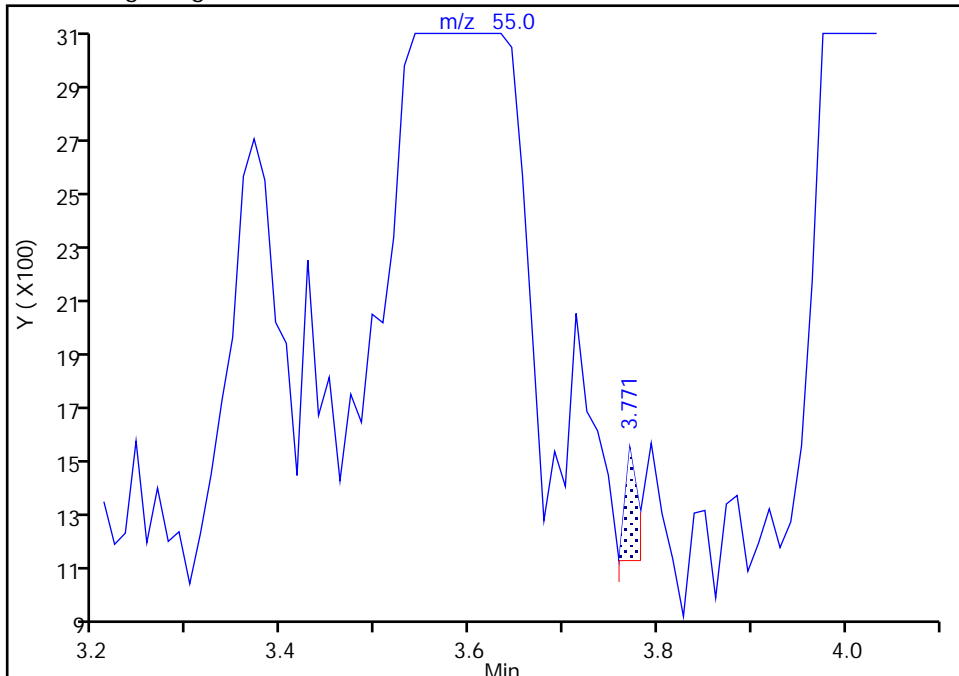
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

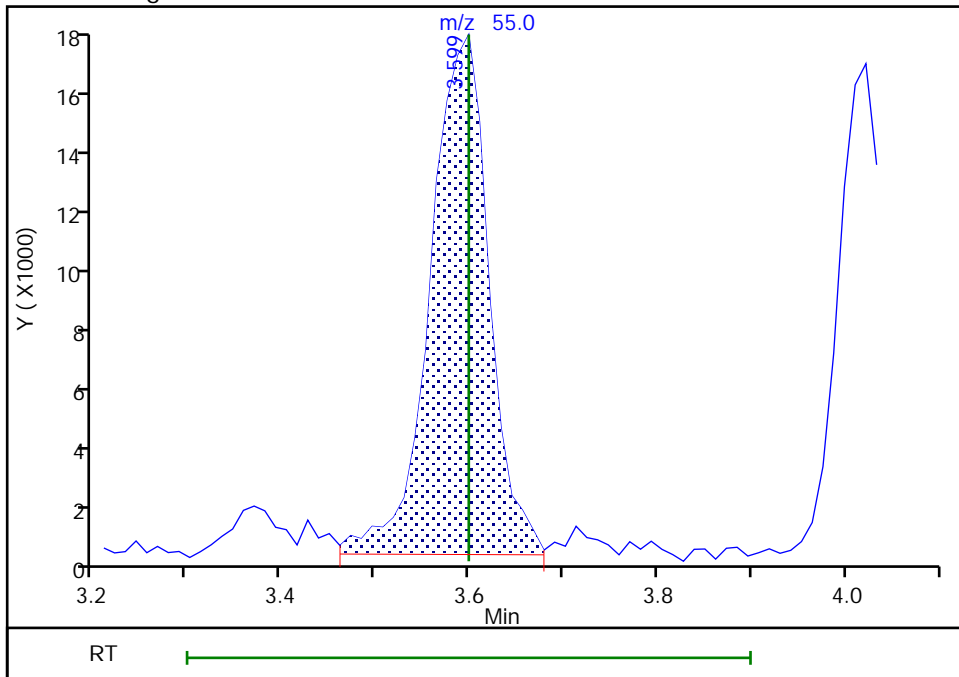
RT: 3.77
Area: 415
Amount: 0.352146
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 73445
Amount: 20.212280
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:56:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

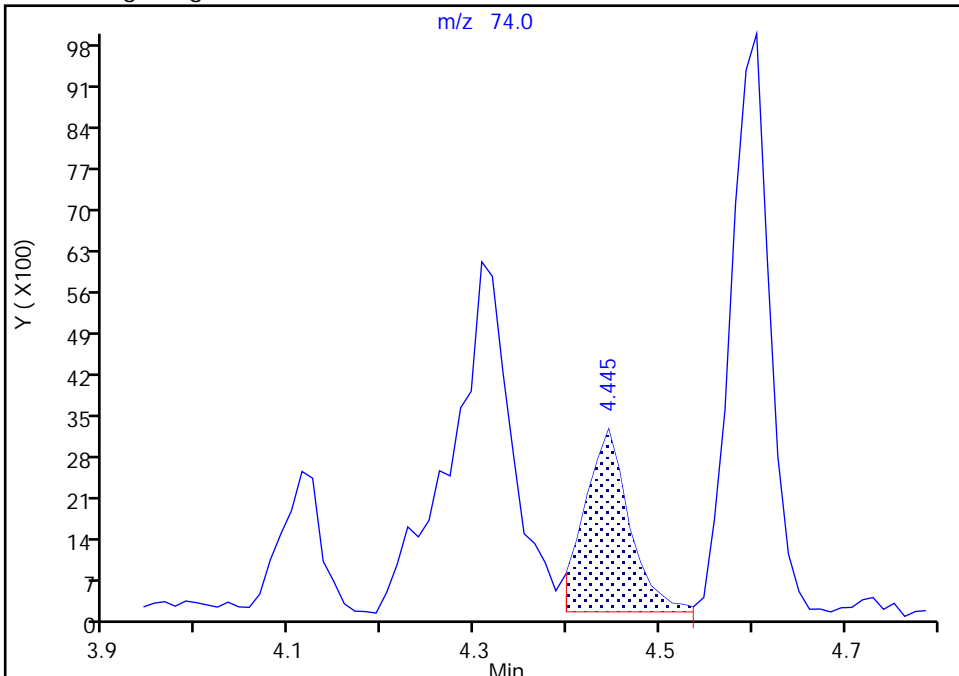
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D
Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

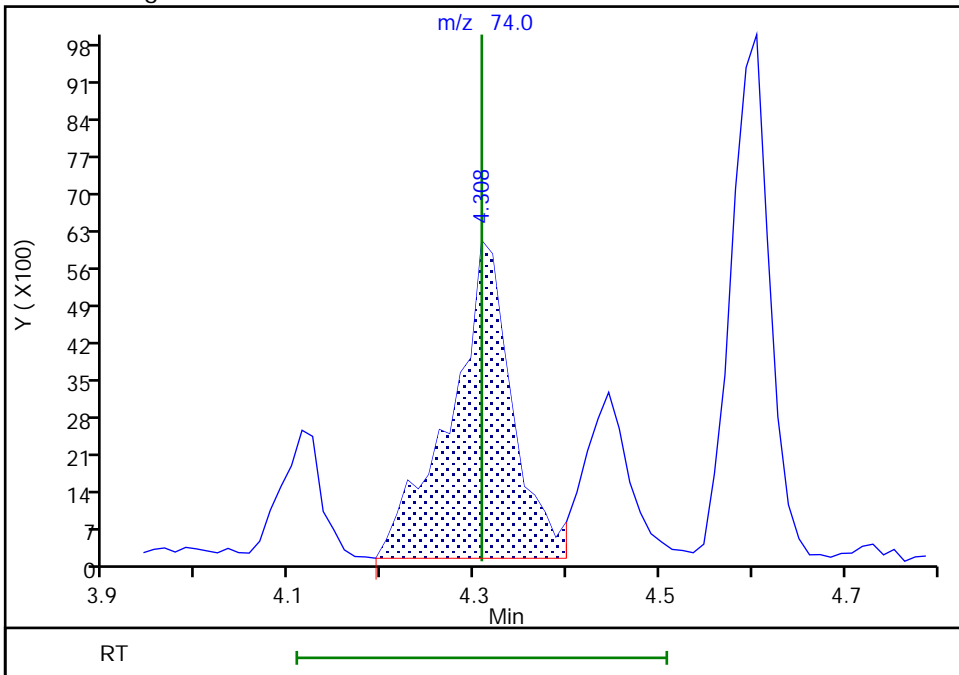
RT: 4.44
Area: 10518
Amount: 502.0827
Amount Units: ug/l

Processing Integration Results



RT: 4.31
Area: 27748
Amount: 535.0755
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:57:38
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

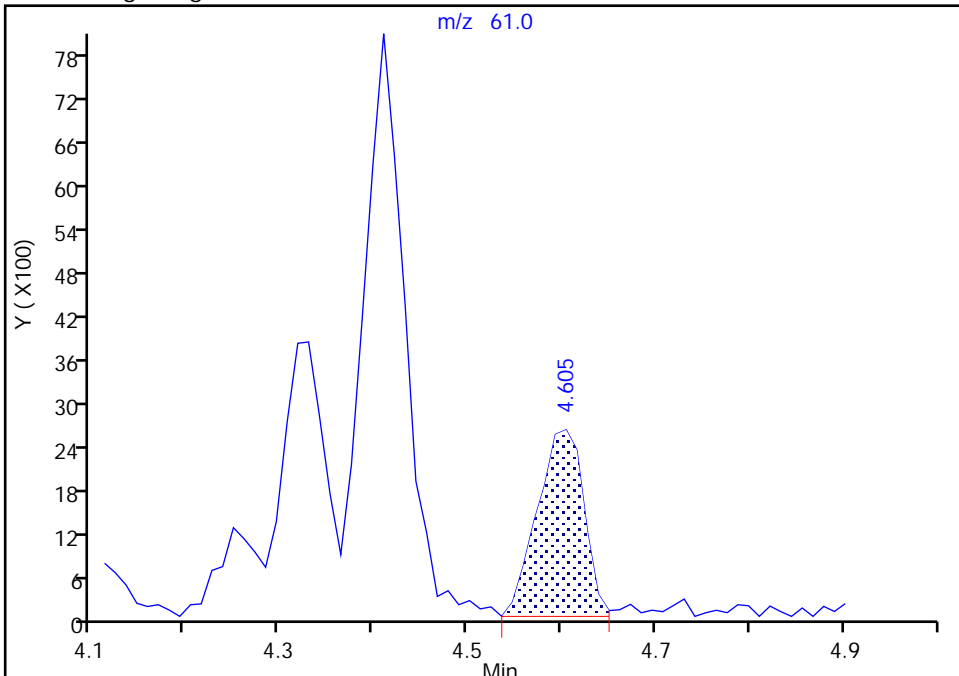
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D
Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

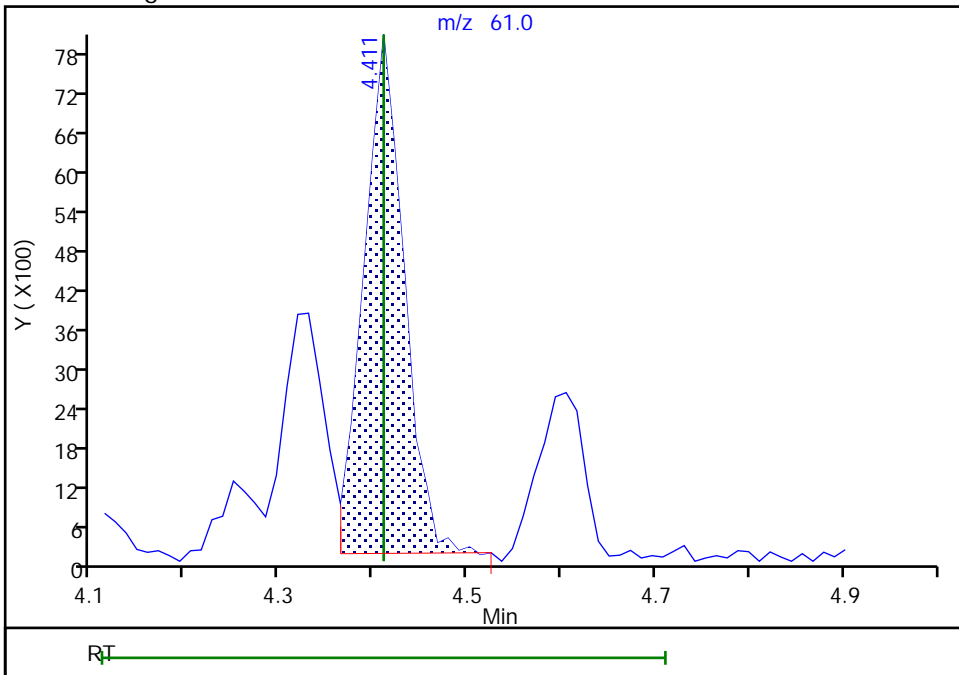
RT: 4.60
Area: 8926
Amount: 4.208175
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 23758
Amount: 18.274184
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:29:37
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

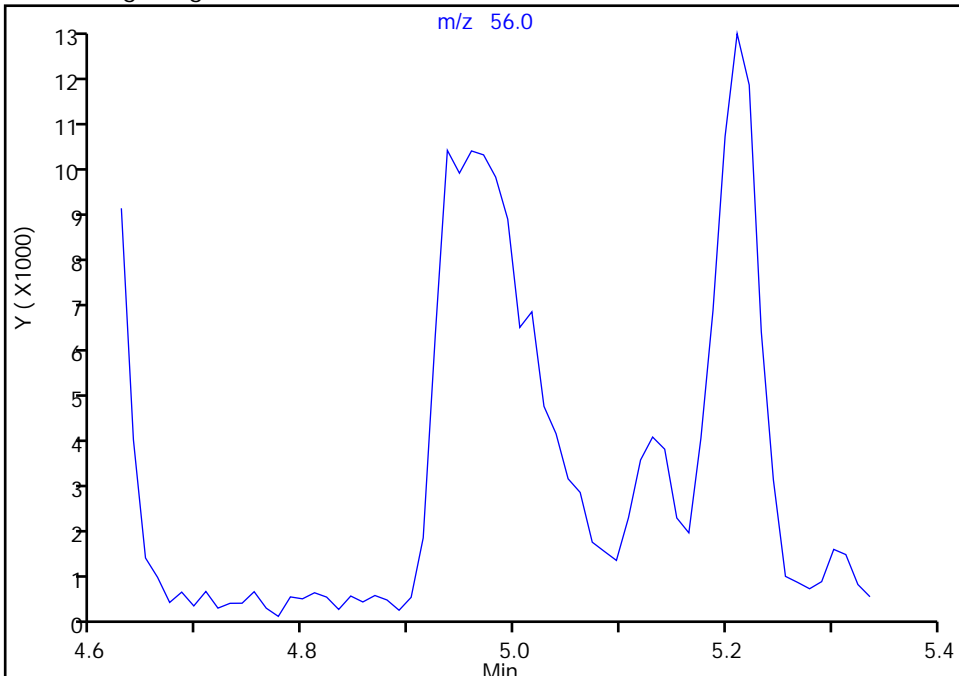
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Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

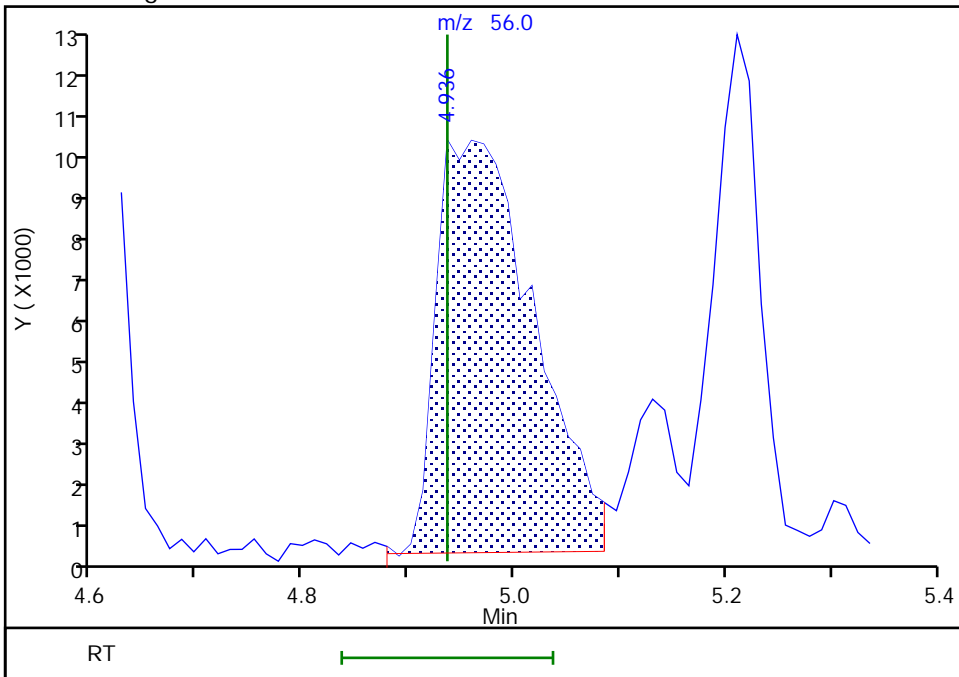
Not Detected
Expected RT: 4.94

Processing Integration Results



RT: 4.94
Area: 60845
Amount: 461.8335
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:21:32
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

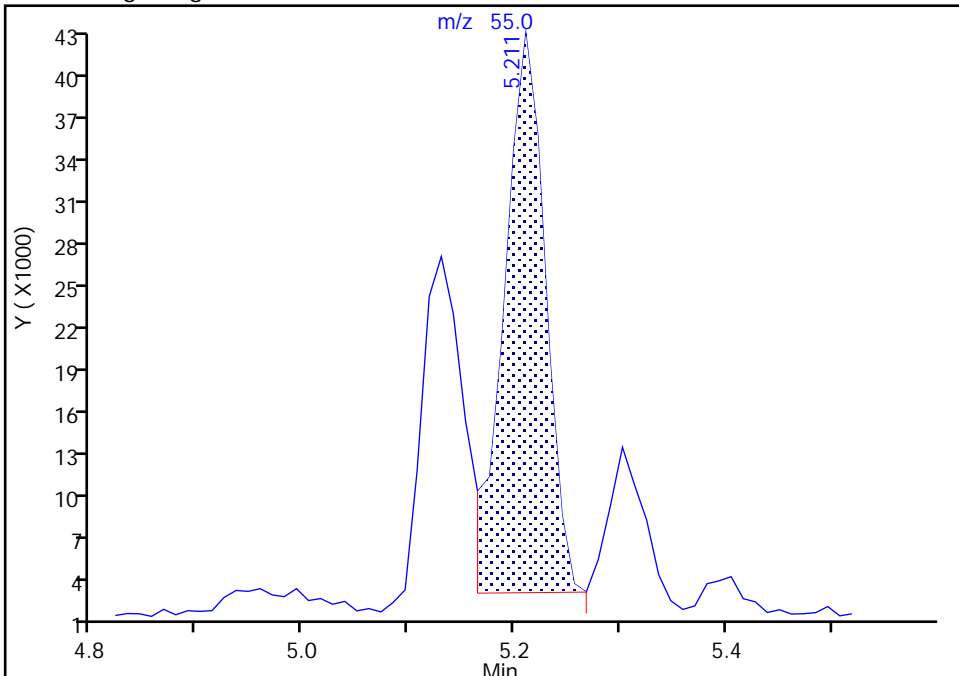
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40805.D
Injection Date: 18-Nov-2022 16:23:30 Instrument ID: CVOAMS9
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

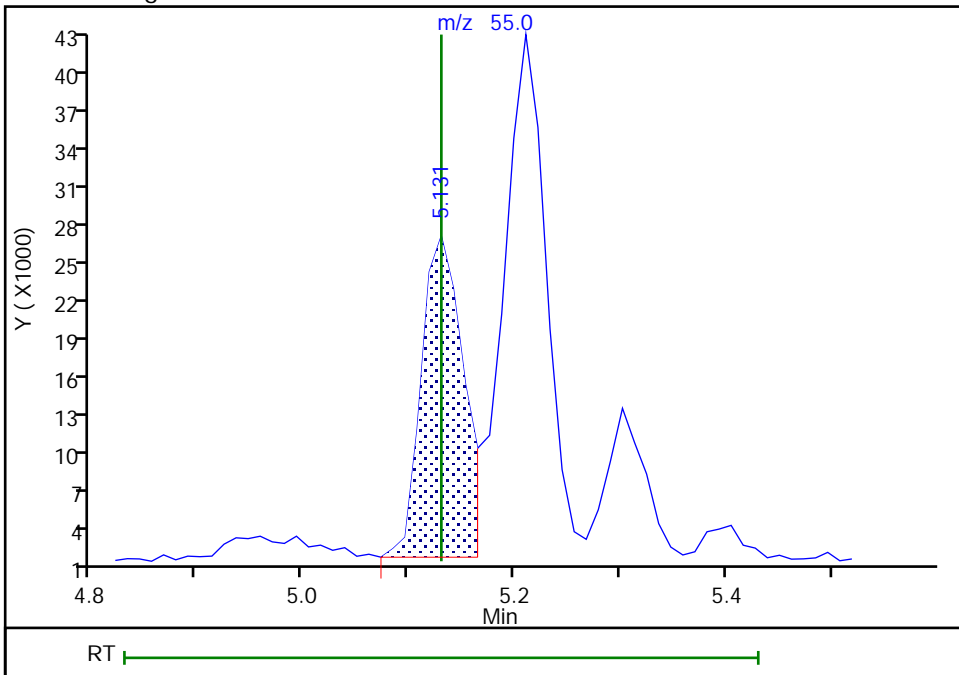
RT: 5.21
Area: 110328
Amount: 23.023271
Amount Units: ug/l

Processing Integration Results



RT: 5.13
Area: 71407
Amount: 18.789973
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:00:52
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 18-Nov-2022 16:45:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0153407-006
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:50 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:34:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.130	1.142	-0.012	94	131737	NC	NC	
2 Chlorotrifluoroethene	116	1.153	1.153	0.000	56	143501	50.0	59.6	
4 Dichlorodifluoromethane	85	1.176	1.176	0.000	75	428134	50.0	55.1	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	95	61874	50.0	60.4	a
6 Chloromethane	50	1.302	1.302	0.000	99	410470	50.0	52.5	
7 Butadiene	54	1.347	1.359	-0.012	94	240768	50.0	48.2	
8 Vinyl chloride	62	1.370	1.382	-0.012	98	282111	50.0	51.8	
9 Bromomethane	94	1.576	1.576	0.000	98	206251	50.0	49.4	
10 Chloroethane	64	1.610	1.610	0.000	99	144717	50.0	46.2	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	99	412570	50.0	53.9	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	49	342646	50.0	52.0	
13 Pentane	72	1.805	1.816	-0.011	96	66164	100.0	95.5	
14 Ethanol	46	1.976	1.953	0.023	81	45150	2000.0	1962.3	M
15 Ethyl ether	59	1.953	1.953	0.000	97	122090	50.0	48.5	
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	86	165622	50.0	51.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.976	1.976	0.000	86	187544	50.0	53.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.022	2.010	0.012	93	287395	50.0	52.5	a
19 Acrolein	56	2.045	2.045	0.000	97	187881	400.0	362.2	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	98	168234	50.0	52.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.147	2.147	0.000	98	213387	50.0	49.7	
22 Acetone	43	2.159	2.159	0.000	86	277598	250.0	230.1	
23 Iodomethane	142	2.216	2.227	-0.011	97	347019	50.0	50.3	
24 Isopropyl alcohol	45	2.262	2.250	0.012	95	97632	500.0	444.1	a
25 Carbon disulfide	76	2.273	2.273	0.000	100	685074	50.0	54.3	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	90	238406	50.0	48.9	
27 Methyl acetate	43	2.388	2.388	0.000	99	215300	100.0	104.0	
28 Cyclopentene	67	2.433	2.433	0.000	96	407574	50.0	52.5	
29 Acetonitrile	39	2.433	2.433	0.000	34	144263	500.0	561.9	a
31 Methylene Chloride	84	2.456	2.456	0.000	92	185621	50.0	50.0	
* 30 TBA-d9 (IS)	46	2.548	2.536	0.012	53	117980	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.605	2.593	0.012	91	285879	500.0	507.1	a
35 Acrylonitrile	53	2.639	2.650	-0.011	93	590703	500.0	515.8	
33 Methyl tert-butyl ether	73	2.673	2.673	0.000	96	537881	50.0	49.8	
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	95	181948	50.0	49.4	
36 Hexane	43	2.890	2.890	0.000	92	160179	50.0	53.0	
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	99	311730	50.0	50.5	
39 Vinyl acetate	86	3.039	3.050	-0.011	100	59584	100.0	93.6	
37 Isopropyl ether	45	3.062	3.073	-0.011	85	551073	50.0	49.6	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	92	167973	50.0	51.9	
41 Tert-butyl ethyl ether	87	3.370	3.370	0.000	89	229228	50.0	50.2	
* 42 2-Butanone-d5	46	3.462	3.462	0.000	98	285116	250.0	250.0	
43 2,2-Dichloropropane	79	3.508	3.496	0.012	91	105550	50.0	45.8	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	97	200320	50.0	48.7	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	98	99353	250.0	234.7	
45 Ethyl acetate	70	3.565	3.565	0.000	98	36481	100.0	92.9	
48 Propionitrile	54	3.565	3.565	0.000	90	249479	500.0	493.5	a
47 Methyl acrylate	55	3.599	3.599	0.000	98	175372	50.0	50.4	a
50 Chlorobromomethane	128	3.702	3.702	0.000	89	95508	50.0	48.4	
51 Methacrylonitrile	67	3.691	3.702	-0.012	92	648179	500.0	510.9	
49 Tetrahydrofuran	72	3.759	3.771	-0.011	90	48002	100.0	100.1	
52 Chloroform	83	3.782	3.782	0.000	98	306627	50.0	49.9	
\$ 55 Dibromofluoromethane (Surr)	113	3.931	3.931	0.000	96	150867	50.0	51.5	
54 1,1,1-Trichloroethane	97	3.965	3.965	0.000	98	313962	50.0	51.7	
53 Cyclohexane	84	4.022	4.022	0.000	92	320365	50.0	52.4	
57 1,1-Dichloropropene	75	4.113	4.113	0.000	96	239809	50.0	51.4	
56 Carbon tetrachloride	117	4.125	4.125	0.000	98	276882	50.0	52.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	155952	50.0	50.7	
58 Isobutyl alcohol	74	4.308	4.308	0.000	69	63820	1250.0	1195.8	a
60 Benzene	78	4.319	4.319	0.000	95	716438	50.0	52.2	
64 1,2-Dichloroethane	62	4.331	4.331	0.000	97	225309	50.0	48.8	
59 Isooctane	57	4.411	4.411	0.000	96	661204	50.0	46.8	
62 Isopropyl acetate	61	4.411	4.411	0.000	94	59158	50.0	47.5	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	98	550191	50.0	49.6	
* 66 Fluorobenzene	96	4.605	4.605	0.000	99	567799	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	92	258590	50.0	48.0	
68 n-Butanol	56	4.936	4.936	0.000	43	152691	1250.0	1126.2	
69 Trichloroethene	95	4.993	4.993	0.000	97	178685	50.0	48.3	
70 Ethyl acrylate	55	5.131	5.131	0.000	98	172306	50.0	47.3	a
71 Methylcyclohexane	83	5.211	5.211	0.000	94	357094	50.0	48.1	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	87	166556	50.0	47.3	
77 Dibromomethane	93	5.359	5.359	0.000	96	102274	50.0	49.4	
74 Methyl methacrylate	69	5.394	5.394	0.000	92	209151	100.0	95.5	
* 73 1,4-Dioxane-d8	96	5.359	5.405	-0.046	28	33050	1000.0	1000.0	
75 1,4-Dioxane	88	5.394	5.416	-0.022	43	42116	1000.0	978.3	
76 n-Propyl acetate	43	5.485	5.485	0.000	99	211696	50.0	45.4	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	99	224493	50.0	47.3	
79 2-Nitropropane	41	5.839	5.839	0.000	99	97856	100.0	96.1	
80 Epichlorohydrin	57	6.011	5.999	0.012	99	335264	1000.0	973.4	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	95	265053	50.0	48.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	814514	250.0	234.8	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	601265	50.0	51.4	
84 Toluene	91	6.536	6.536	0.000	93	762565	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	236346	50.0	49.0	
86 Ethyl methacrylate	69	7.017	7.017	0.000	89	202221	50.0	47.5	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	93	109442	50.0	46.7	
88 Tetrachloroethene	166	7.257	7.257	0.000	97	193098	50.0	50.2	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	95	221644	50.0	50.3	
90 2-Hexanone	43	7.474	7.462	0.012	96	482243	250.0	219.2	
92 Chlorodibromomethane	129	7.611	7.611	0.000	97	163411	50.0	48.6	
91 n-Butyl acetate	43	7.691	7.691	0.000	99	210958	50.0	46.7	
93 Ethylene Dibromide	107	7.748	7.748	0.000	99	137773	50.0	46.3	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	85	411311	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	96	467003	50.0	49.8	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	95	193705	50.0	49.7	
96 Ethylbenzene	106	8.674	8.674	0.000	98	270395	50.0	49.0	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	328507	50.0	49.6	
100 o-Xylene	106	9.337	9.337	0.000	94	354327	50.0	49.5	
101 Styrene	104	9.360	9.360	0.000	95	524769	50.0	48.9	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	118965	50.0	46.4	
103 Bromoform	173	9.543	9.543	0.000	97	111529	50.0	48.4	
102 Amyl acetate (mixed isomers)	43	9.645	9.657	-0.012	90	226559	50.0	55.0	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	938591	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	95	176251	50.0	49.2	
106 Bromobenzene	156	10.045	10.045	0.000	95	202867	50.0	50.1	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	97	205975	50.0	49.7	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	97	54688	50.0	51.0	
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	86	52620	50.0	50.2	
108 N-Propylbenzene	91	10.205	10.194	0.011	99	1043338	50.0	51.1	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	607930	50.0	49.5	
112 4-Ethyltoluene	105	10.320	10.320	0.000	100	874696	50.0	49.7	
114 4-Chlorotoluene	91	10.365	10.365	0.000	99	656914	50.0	49.1	
113 1,3,5-Trimethylbenzene	105	10.388	10.377	0.011	94	800661	50.0	50.9	
115 Butyl Methacrylate	87	10.514	10.514	0.000	91	202464	50.0	45.4	
116 tert-Butylbenzene	119	10.674	10.674	0.000	94	643528	50.0	50.4	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	98	808227	50.0	48.6	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	1040593	50.0	50.8	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	97	394589	50.0	47.8	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	95	229825	50.0	50.0	
119 4-Isopropyltoluene	119	11.017	11.017	0.000	98	921470	50.0	51.4	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	94	383801	50.0	47.5	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	98	863980	50.0	50.7	
124 Benzyl chloride	91	11.154	11.154	0.000	99	411265	50.0	48.1	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	94	777376	50.0	49.9	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	85	403754	50.0	50.2	
126 p-Diethylbenzene	119	11.337	11.337	0.000	94	553581	50.0	48.9	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	468847	50.0	49.4	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	97	890197	50.0	49.6	
130 1,2-Dibromo-3-Chloropropane	157	11.966	11.966	0.000	94	55663	50.0	49.4	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	98	356684	50.0	48.5	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	332752	50.0	45.7	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	96	164515	50.0	48.1	
134 Naphthalene	128	12.743	12.743	0.000	99	820004	50.0	50.4	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	327528	50.0	46.7	
S 136 1,2-Dichloroethene, Total	100				0		100.0	98.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	99.1	
S 139 Total BTEX	1				0		250.0	250.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00502	Amount Added: 5.00	Units: uL	
8260MIX1COMB_00162	Amount Added: 5.00	Units: uL	
ACROLEIN W_00146	Amount Added: 4.00	Units: uL	
524freon_00060	Amount Added: 5.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D

Injection Date: 18-Nov-2022 16:45:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

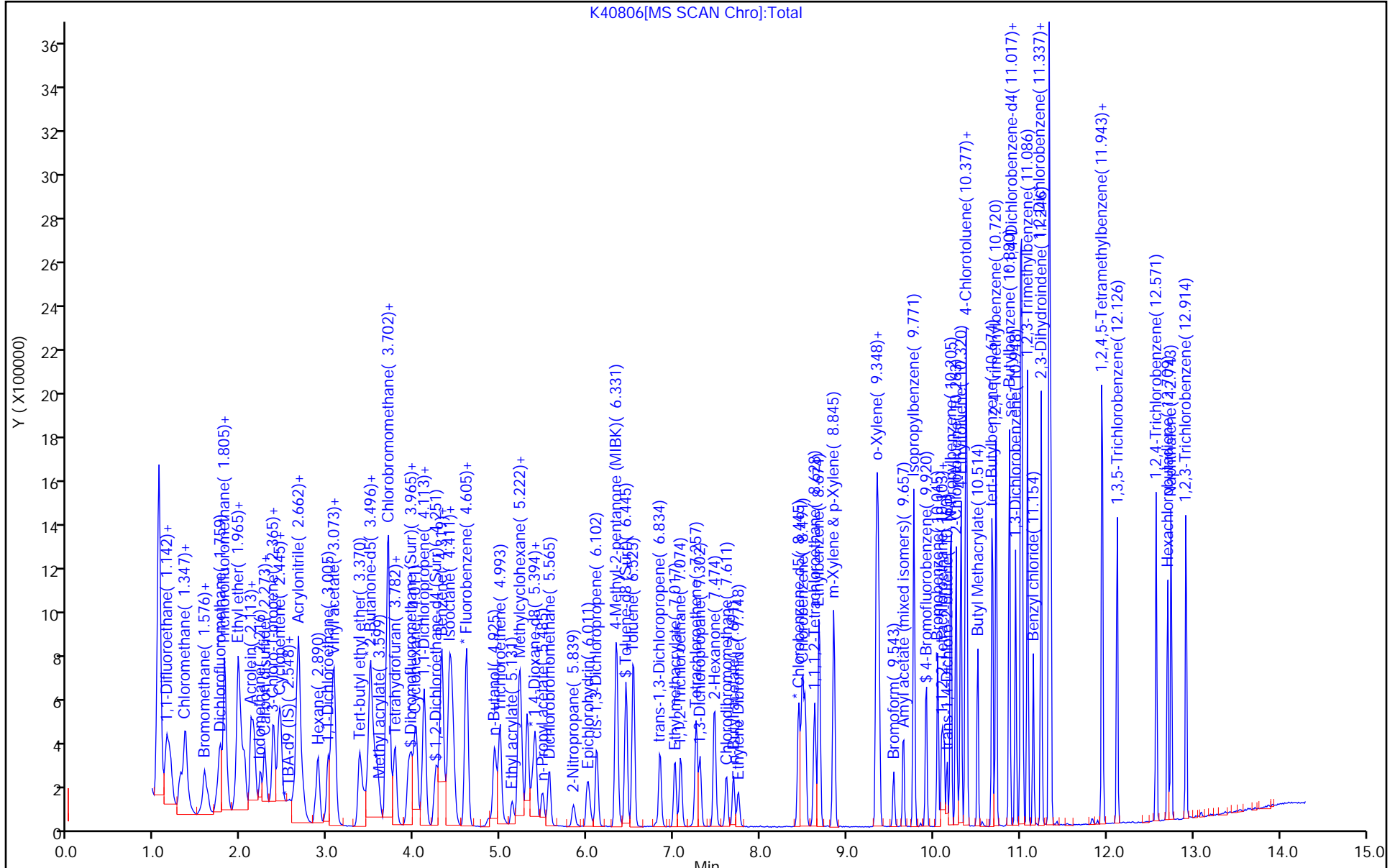
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

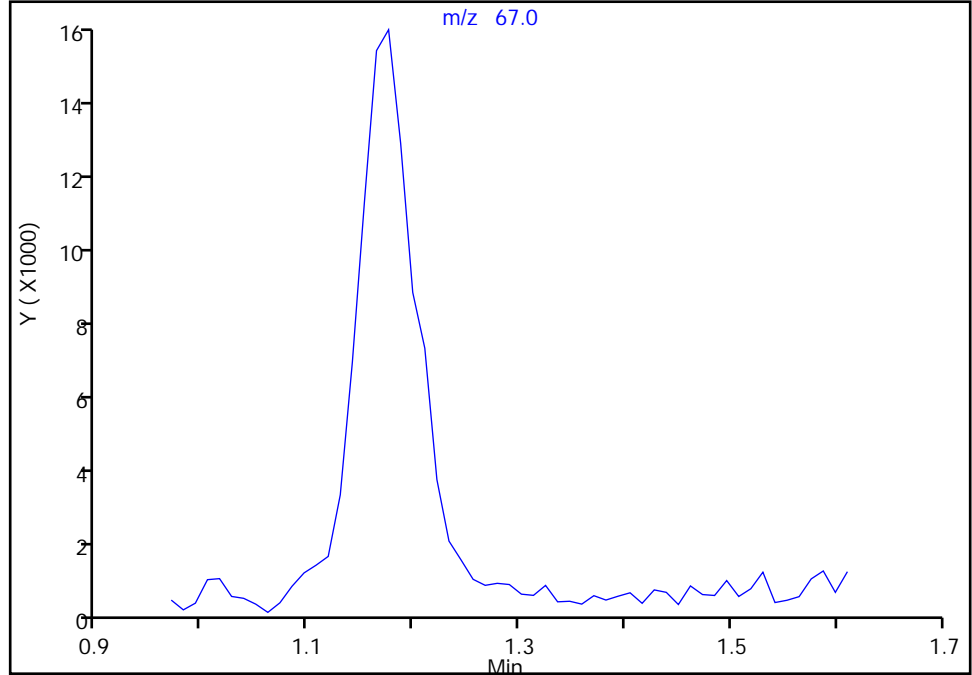
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

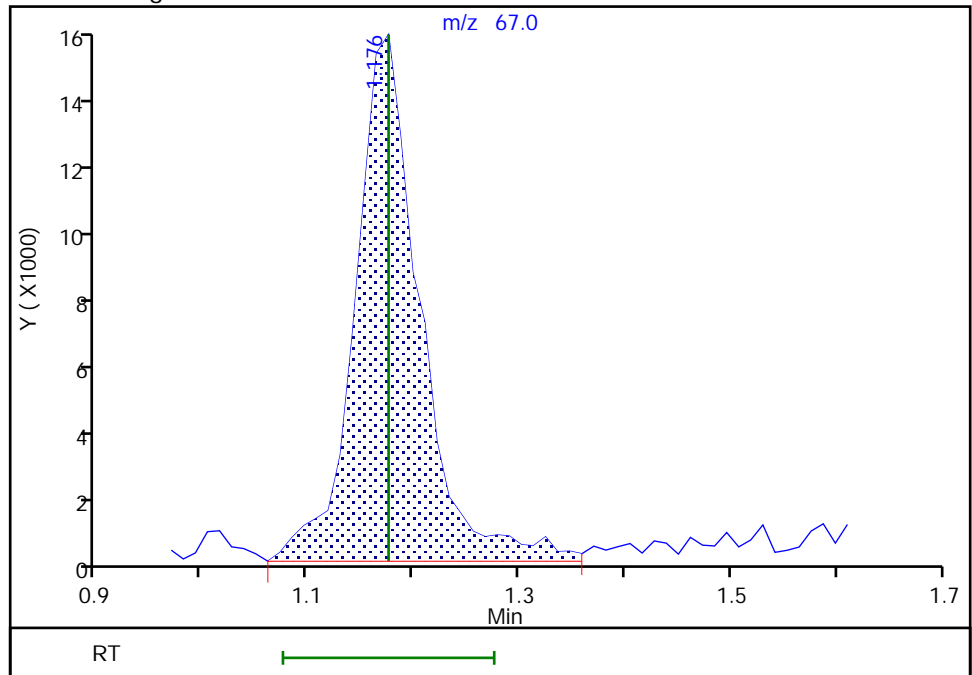
Not Detected
Expected RT: 1.18

Processing Integration Results



RT: 1.18
Area: 61874
Amount: 60.421142
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:59:03
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

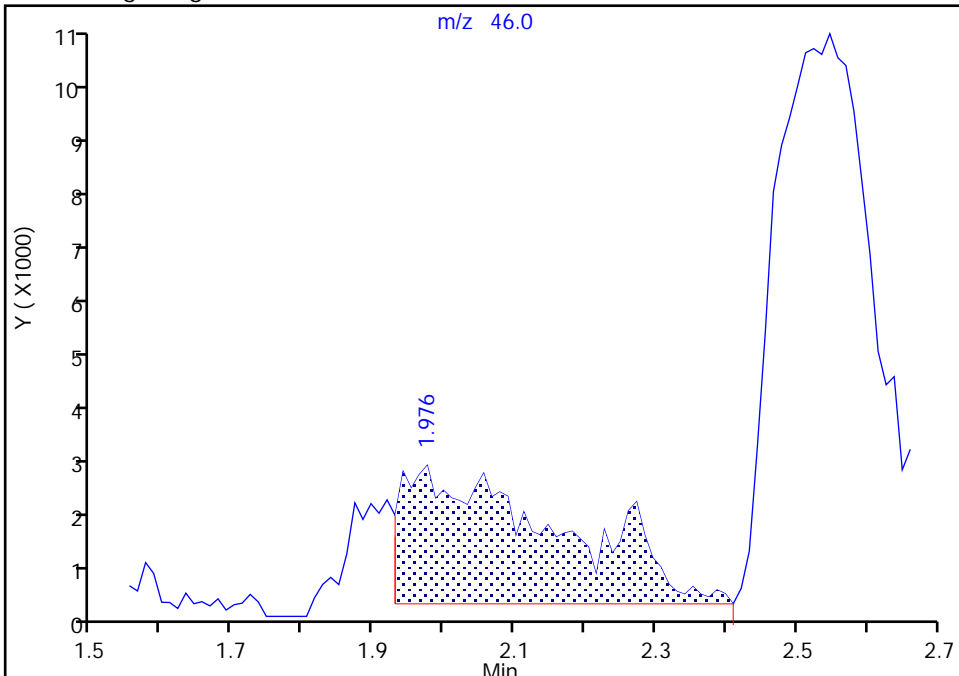
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

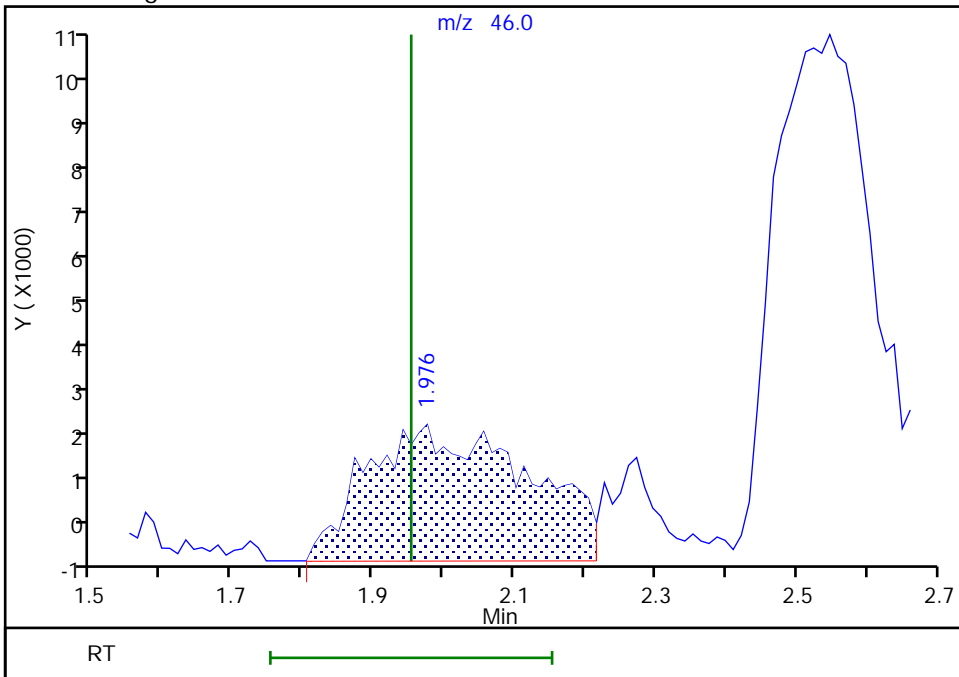
RT: 1.98
Area: 39628
Amount: 1865.7864
Amount Units: ug/l

Processing Integration Results



RT: 1.98
Area: 45150
Amount: 1962.2901
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:59:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 125 of 617

Eurofins Edison

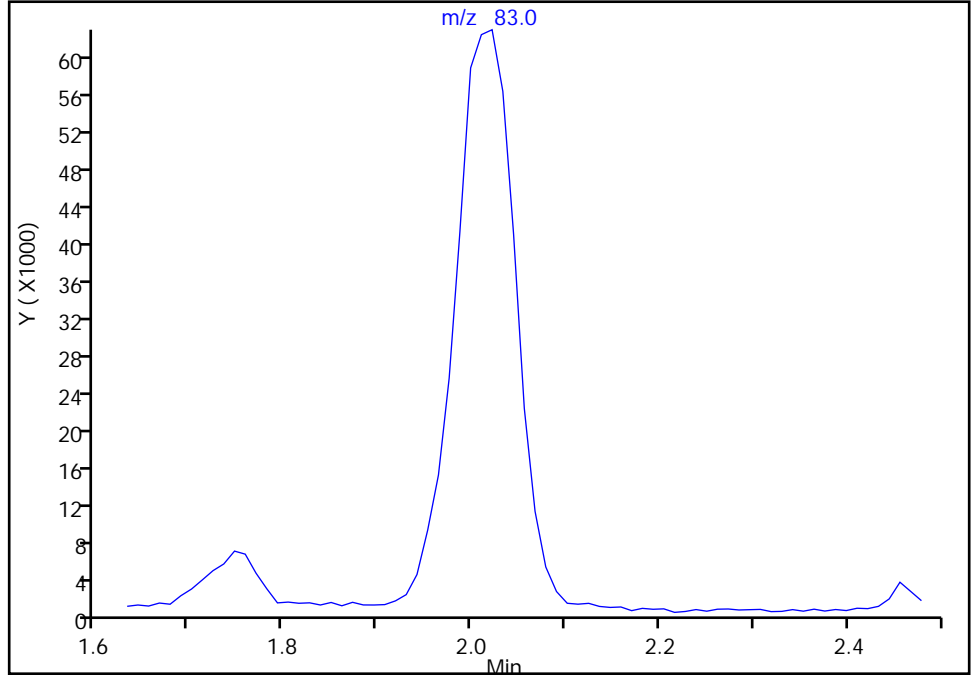
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

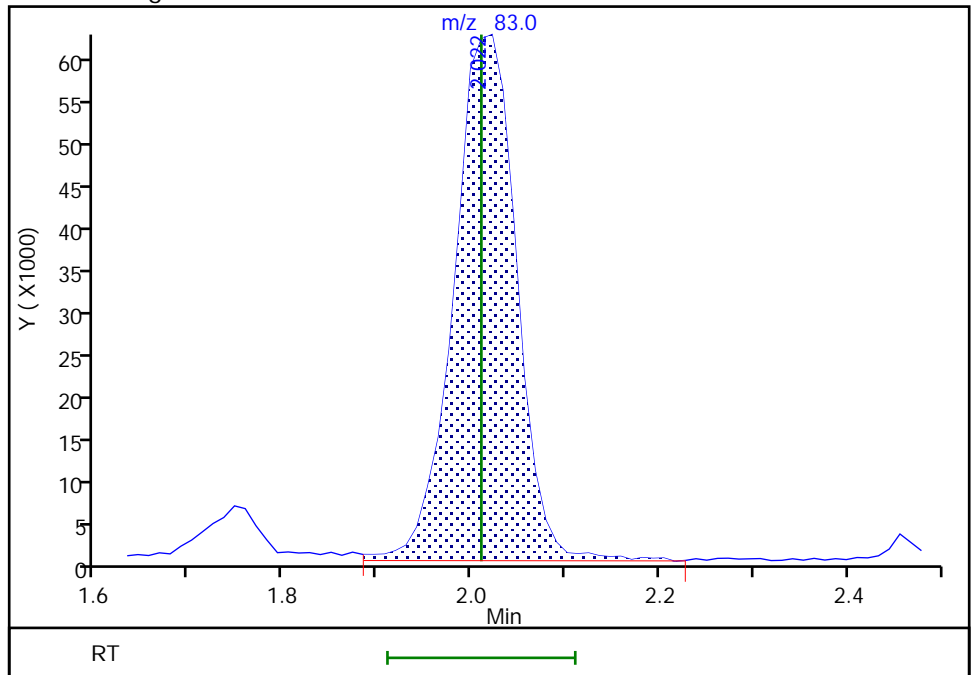
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 287395
Amount: 52.481854
Amount Units: ug/l



Eurofins Edison

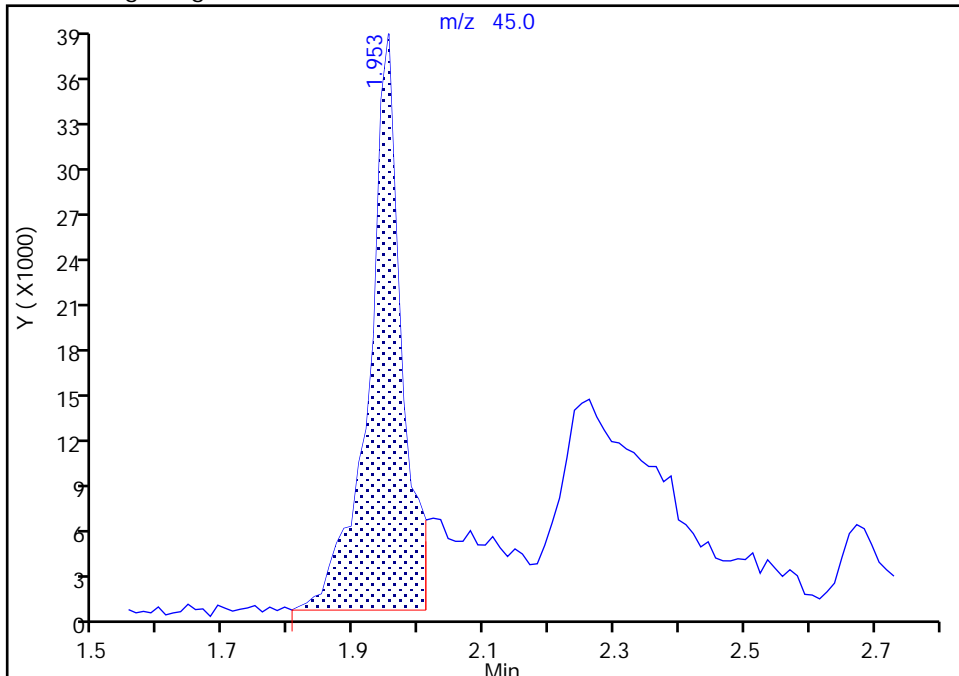
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

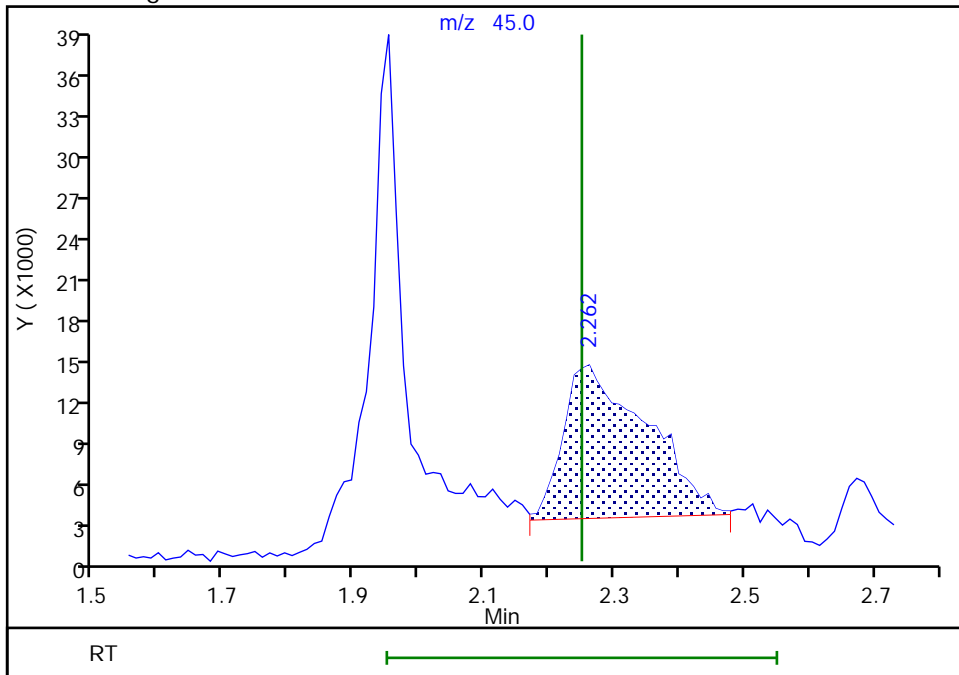
RT: 1.95
Area: 129593
Amount: 455.5355
Amount Units: ug/l

Processing Integration Results



RT: 2.26
Area: 97632
Amount: 444.1314
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 07:59:40
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

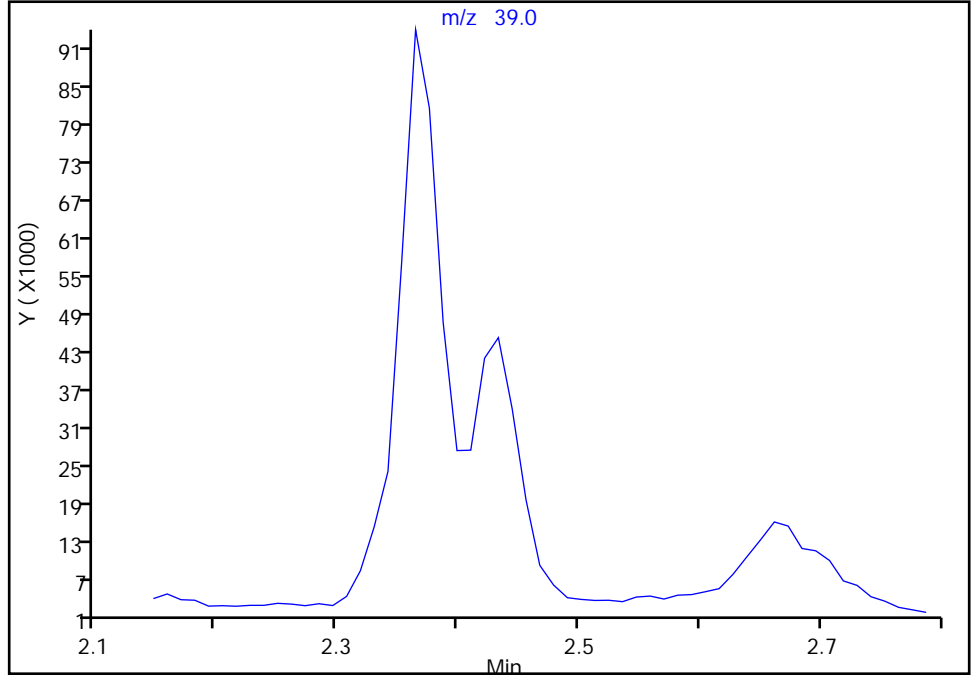
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

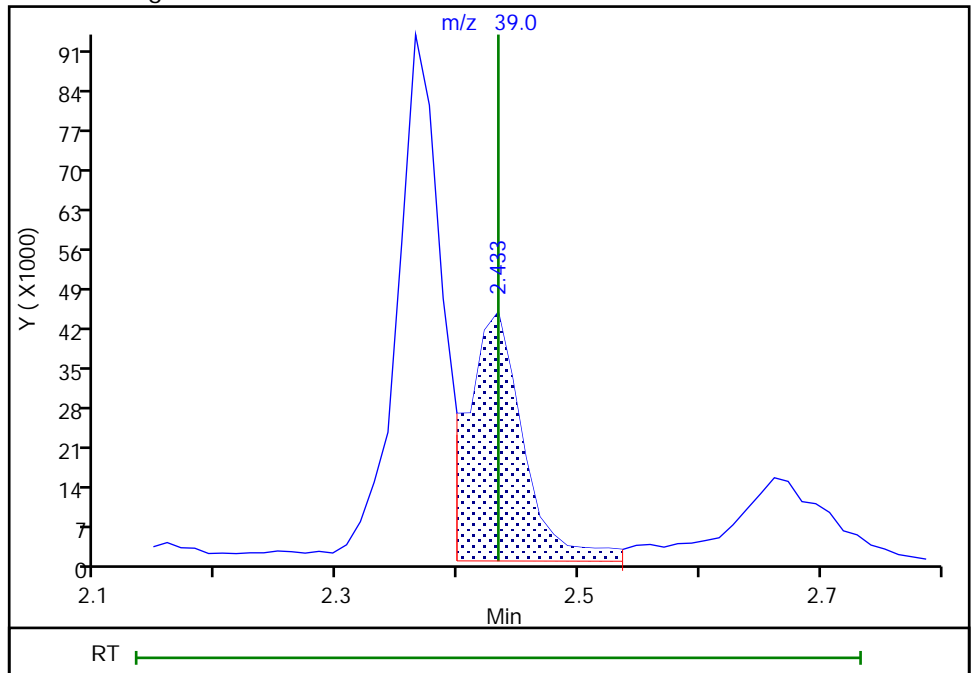
Not Detected
Expected RT: 2.43

Processing Integration Results



RT: 2.43
Area: 144263
Amount: 561.8832
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:29:14
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

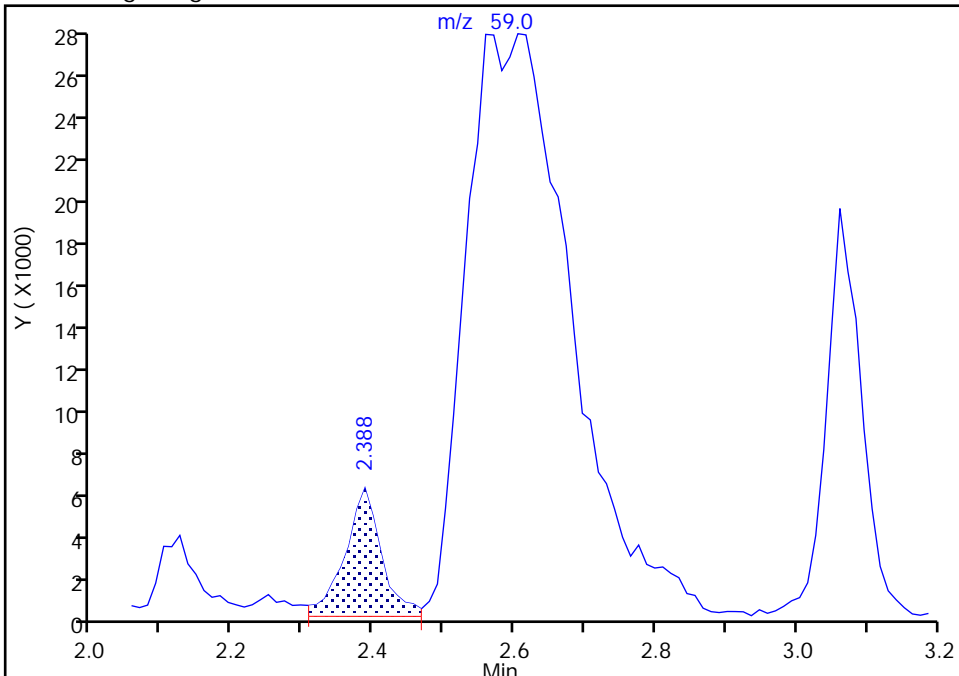
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

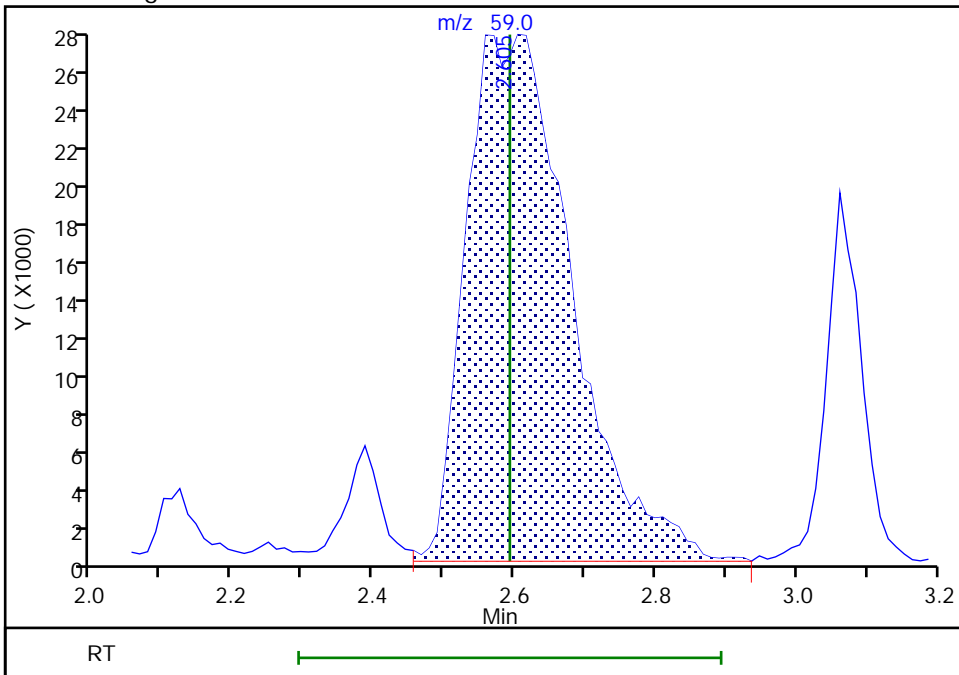
RT: 2.39
Area: 21974
Amount: 65.575341
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 285879
Amount: 507.0815
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

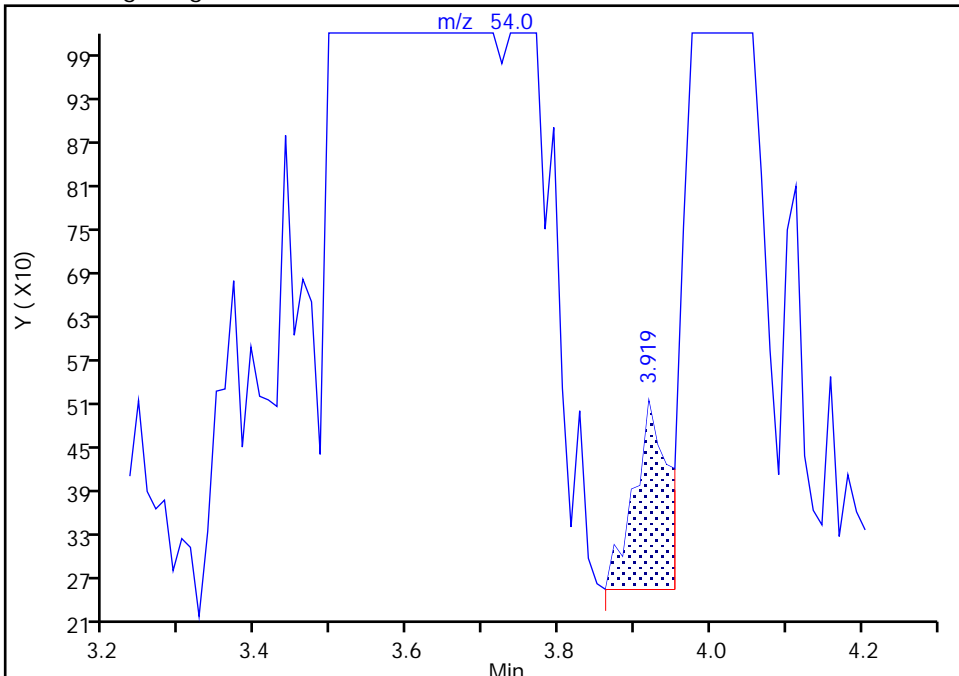
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

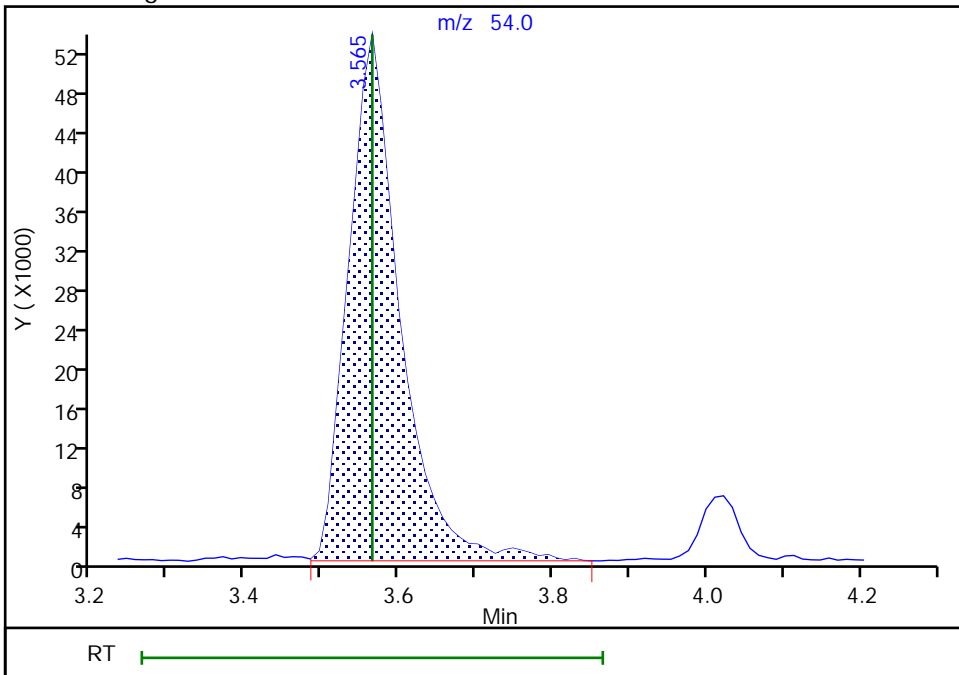
RT: 3.92
Area: 811
Amount: 3.914348
Amount Units: ug/l

Processing Integration Results



RT: 3.56
Area: 249479
Amount: 493.5055
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:29:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

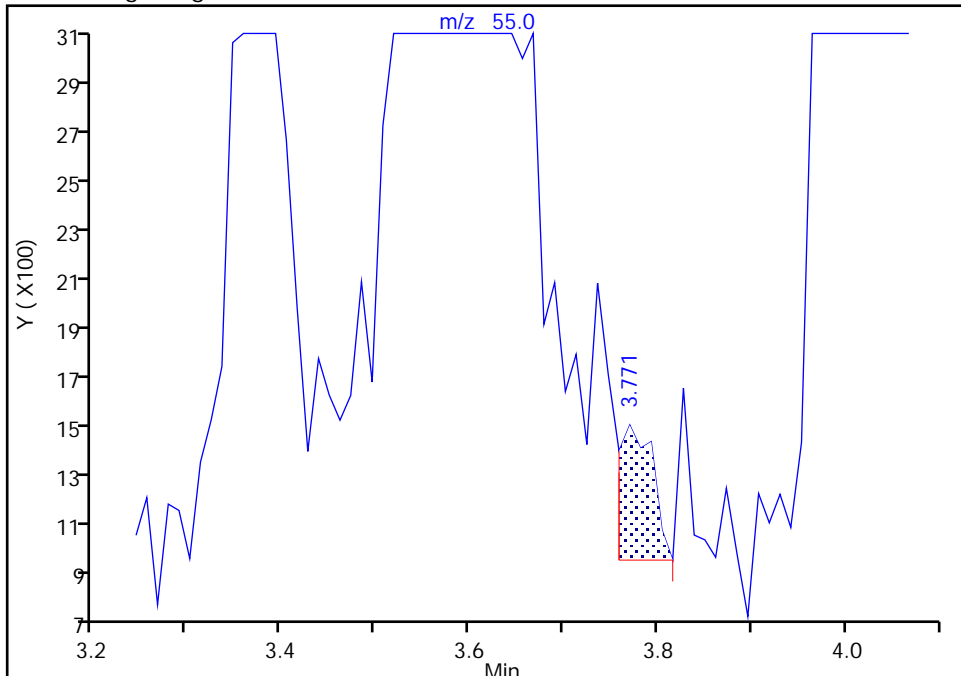
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

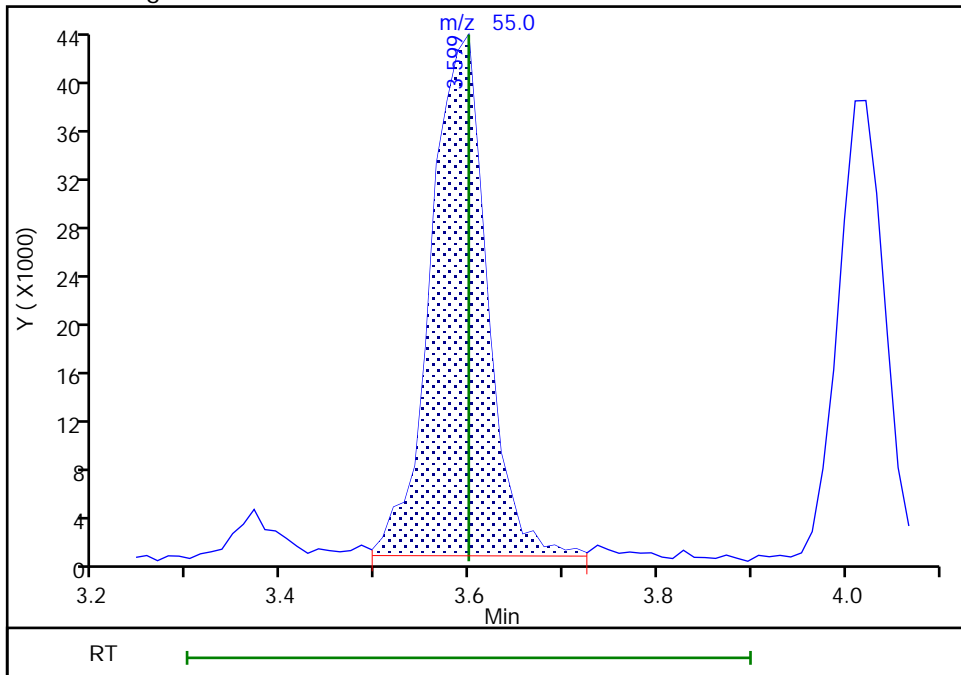
RT: 3.77
Area: 1352
Amount: 0.789740
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 175372
Amount: 50.380494
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:00:04
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

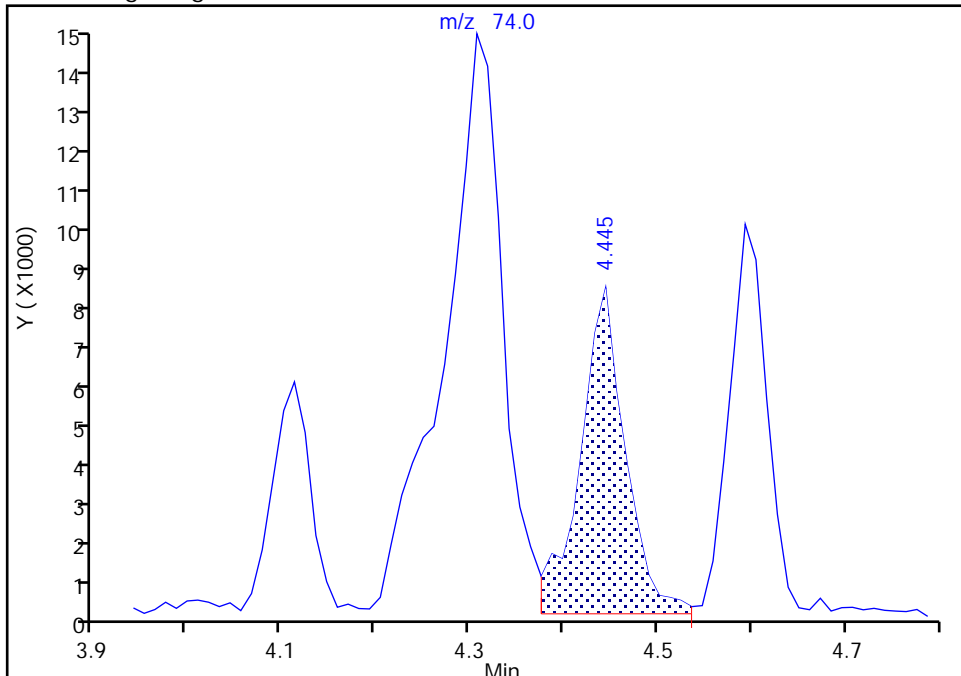
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

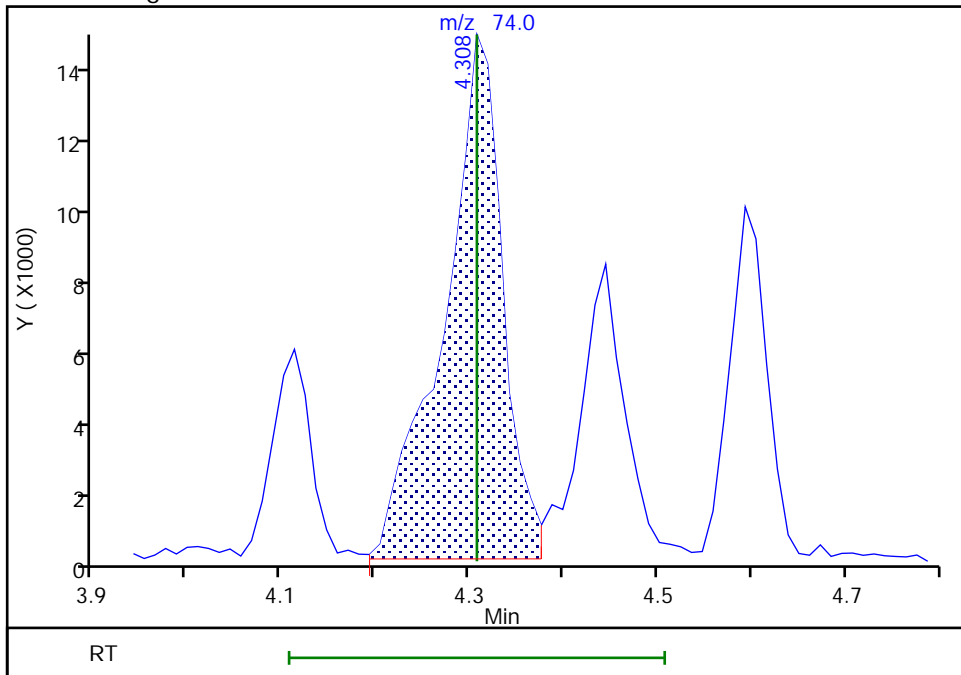
RT: 4.44
Area: 27686
Amount: 886.6303
Amount Units: ug/l

Processing Integration Results



RT: 4.31
Area: 63820
Amount: 1195.8259
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:00:14
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

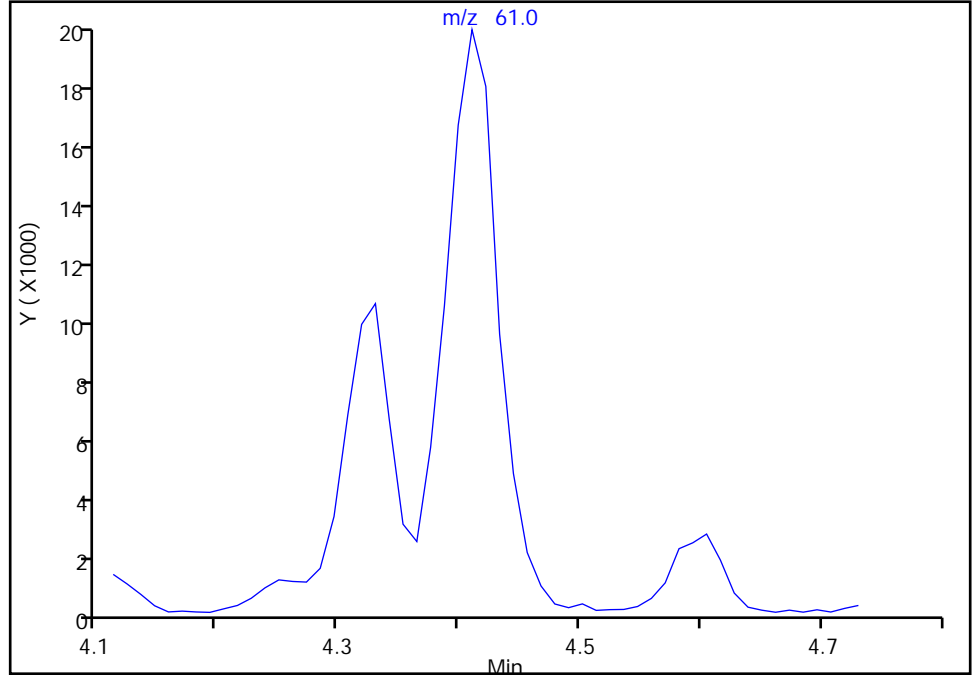
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

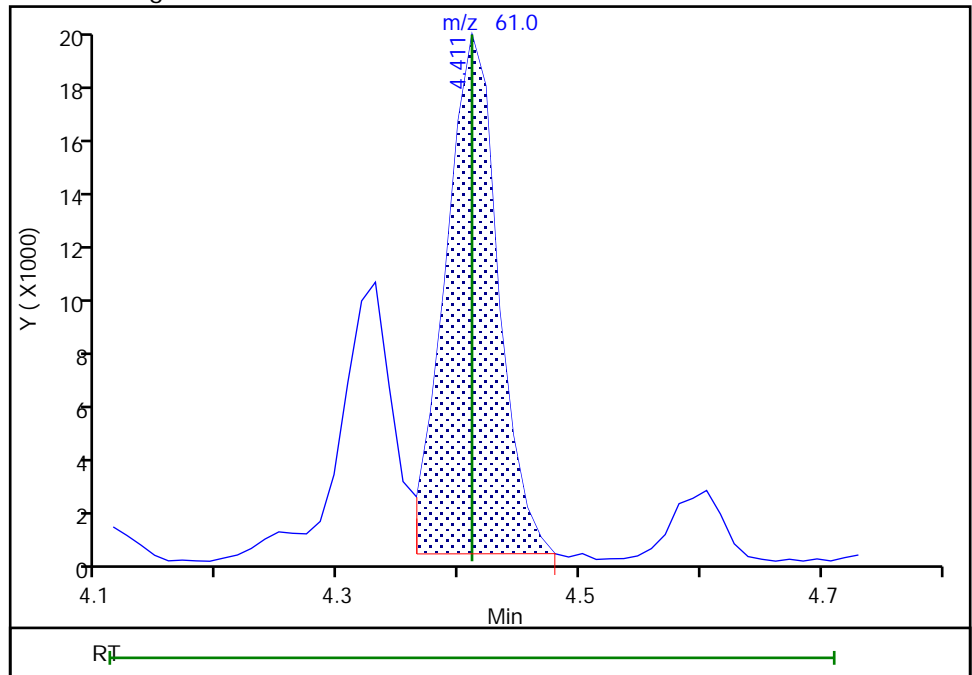
Not Detected
Expected RT: 4.41

Processing Integration Results



Manual Integration Results

RT: 4.41
Area: 59158
Amount: 47.499682
Amount Units: ug/l



Eurofins Edison

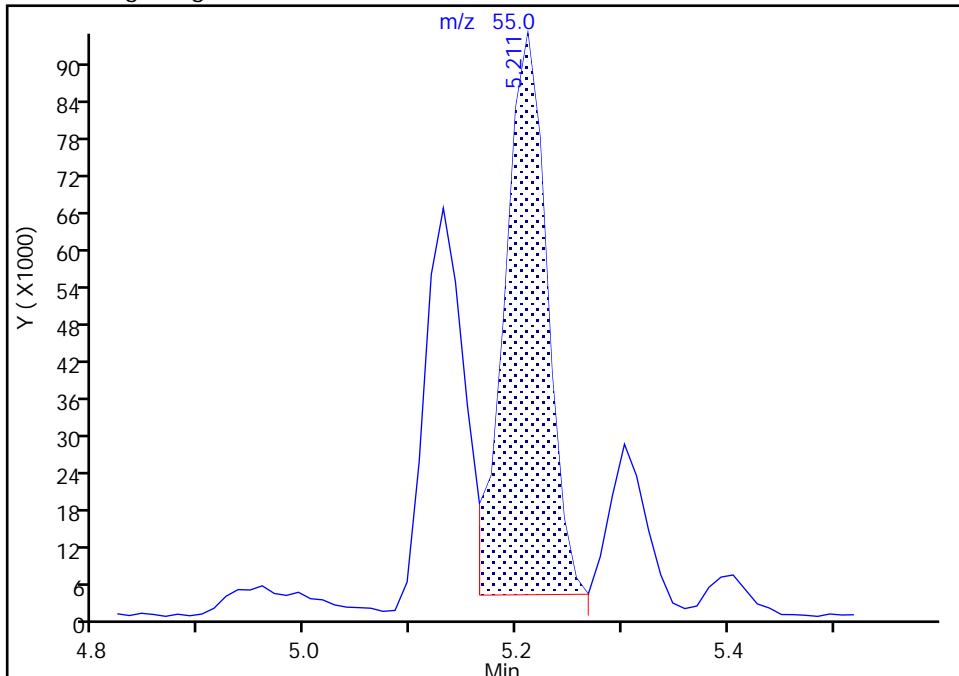
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40806.D
Injection Date: 18-Nov-2022 16:45:30 Instrument ID: CVOAMS9
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

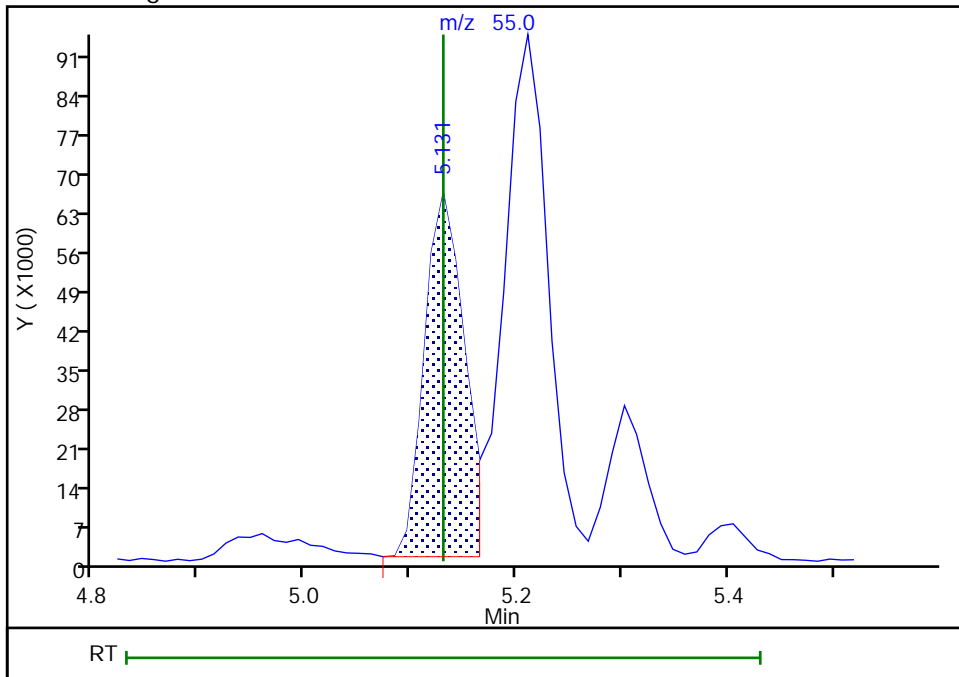
RT: 5.21
Area: 254579
Amount: 52.330340
Amount Units: ug/l

Processing Integration Results



RT: 5.13
Area: 172306
Amount: 47.329822
Amount Units: ug/l

Manual Integration Results



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40807.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 18-Nov-2022 17:08:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0153407-007
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:55 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:31:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.130	1.142	-0.012	98	480561	NC	NC	
2 Chlorotrifluoroethene	116	1.142	1.153	-0.011	58	491805	200.0	195.7	
4 Dichlorodifluoromethane	85	1.165	1.176	-0.011	98	1850559	200.0	224.0	
5 Chlorodifluoromethane	67	1.165	1.176	-0.011	95	210866	200.0	195.6	
6 Chloromethane	50	1.290	1.302	-0.012	99	1723117	200.0	207.2	
7 Butadiene	54	1.347	1.359	-0.012	96	1021117	200.0	192.2	
8 Vinyl chloride	62	1.359	1.382	-0.023	97	1159358	200.0	200.1	
9 Bromomethane	94	1.565	1.576	-0.011	99	837839	200.0	188.7	
10 Chloroethane	64	1.599	1.610	-0.011	100	590535	200.0	177.2	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	99	1658704	200.0	203.7	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	53	1435211	200.0	204.7	
13 Pentane	72	1.805	1.816	-0.011	95	284724	400.0	409.4	
14 Ethanol	46	1.942	1.953	-0.011	67	160665	8000.0	6952.2	
15 Ethyl ether	59	1.942	1.953	-0.011	94	485809	200.0	181.3	
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	97	675460	200.0	198.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.965	1.976	-0.011	82	712058	200.0	190.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.010	2.010	0.000	96	1097917	200.0	190.3	a
19 Acrolein	56	2.033	2.045	-0.012	96	249955	500.0	479.7	
21 1,1-Dichloroethene	96	2.102	2.113	-0.011	98	651449	200.0	191.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.136	2.147	-0.011	98	895507	200.0	196.0	
22 Acetone	43	2.136	2.159	-0.023	86	1222550	1000.0	1009.3	
23 Iodomethane	142	2.216	2.227	-0.011	99	1341130	200.0	182.8	
24 Isopropyl alcohol	45	2.239	2.250	-0.011	95	467491	2000.0	2117.3	a
25 Carbon disulfide	76	2.262	2.273	-0.011	99	2557946	200.0	190.6	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	91	934940	200.0	180.2	
27 Methyl acetate	43	2.376	2.388	-0.012	99	859736	400.0	413.5	
28 Cyclopentene	67	2.422	2.433	-0.011	96	1582837	200.0	191.5	
29 Acetonitrile	39	2.422	2.433	-0.011	77	508172	2000.0	1970.6	
31 Methylene Chloride	84	2.456	2.456	0.000	95	734330	200.0	186.1	
* 30 TBA-d9 (IS)	46	2.502	2.536	-0.034	88	118499	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.593	2.593	0.000	96	1105374	2000.0	1952.1	a
35 Acrylonitrile	53	2.639	2.650	-0.011	94	2264788	2000.0	1859.2	
33 Methyl tert-butyl ether	73	2.662	2.673	-0.011	96	2144378	200.0	186.8	
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	95	705463	200.0	180.0	
36 Hexane	43	2.879	2.890	-0.011	92	663308	200.0	208.3	
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	99	1208061	200.0	184.1	
39 Vinyl acetate	86	3.039	3.050	-0.011	100	256979	400.0	401.8	
37 Isopropyl ether	45	3.062	3.073	-0.011	85	2287301	200.0	193.5	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	92	680141	200.0	197.6	
41 Tert-butyl ethyl ether	87	3.371	3.370	0.000	89	972919	200.0	200.2	
* 42 2-Butanone-d5	46	3.451	3.462	-0.011	87	284704	250.0	250.0	
43 2,2-Dichloropropane	79	3.508	3.496	0.012	96	422206	200.0	172.1	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	98	780271	200.0	178.2	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	98	422788	1000.0	1005.6	
45 Ethyl acetate	70	3.565	3.565	0.000	94	139705	400.0	356.2	
48 Propionitrile	54	3.553	3.565	-0.012	95	1003137	2000.0	1975.7	a
47 Methyl acrylate	55	3.588	3.599	-0.011	100	729562	200.0	197.0	
50 Chlorobromomethane	128	3.702	3.702	0.000	89	384708	200.0	183.4	
51 Methacrylonitrile	67	3.691	3.702	-0.011	92	2674507	2000.0	1981.8	
49 Tetrahydrofuran	72	3.748	3.771	-0.022	80	190235	400.0	399.9	
52 Chloroform	83	3.771	3.782	-0.011	99	1226198	200.0	187.5	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.931	-0.012	97	153790	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.953	3.965	-0.012	98	1273067	200.0	197.2	
53 Cyclohexane	84	4.022	4.022	0.000	91	1338586	200.0	205.9	
57 1,1-Dichloropropene	75	4.102	4.113	-0.011	96	961766	200.0	193.9	
56 Carbon tetrachloride	117	4.113	4.125	-0.012	97	1104129	200.0	197.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	163129	50.0	49.9	
58 Isobutyl alcohol	74	4.308	4.308	0.000	98	266937	5000.0	4979.8	a
60 Benzene	78	4.308	4.319	-0.011	96	2861823	200.0	181.9	
64 1,2-Dichloroethane	62	4.319	4.331	-0.012	98	896526	200.0	182.6	
59 Isooctane	57	4.411	4.411	0.000	89	3344367	200.0	222.8	
62 Isopropyl acetate	61	4.411	4.411	0.000	85	259190	200.0	195.7	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	94	2338907	200.0	198.3	
* 66 Fluorobenzene	96	4.593	4.605	-0.012	99	603942	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	91	1142821	200.0	200.8	
68 n-Butanol	56	4.948	4.936	0.012	89	639666	5000.0	4697.2	
69 Trichloroethene	95	4.982	4.993	-0.011	97	733424	200.0	186.5	
70 Ethyl acrylate	55	5.131	5.131	0.000	98	783249	200.0	202.3	a
71 Methylcyclohexane	83	5.211	5.211	0.000	94	1588009	200.0	201.1	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	88	691598	200.0	184.6	
77 Dibromomethane	93	5.359	5.359	0.000	95	418507	200.0	190.2	
74 Methyl methacrylate	69	5.394	5.394	0.000	88	901259	400.0	386.8	
* 73 1,4-Dioxane-d8	96	5.359	5.405	-0.046	27	35812	1000.0	1000.0	
75 1,4-Dioxane	88	5.405	5.416	-0.011	29	172033	4000.0	4002.6	
76 n-Propyl acetate	43	5.485	5.485	0.000	99	939225	200.0	189.2	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	99	952344	200.0	188.6	
79 2-Nitropropane	41	5.839	5.839	0.000	99	396552	400.0	366.0	
80 Epichlorohydrin	57	6.011	5.999	0.012	100	1390317	4000.0	4042.5	
81 cis-1,3-Dichloropropene	75	6.114	6.102	0.012	95	1143860	200.0	183.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	3340743	1000.0	964.3	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	645652	50.0	48.1	
84 Toluene	91	6.537	6.536	0.001	93	3197479	200.0	185.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	1021625	200.0	184.9	
86 Ethyl methacrylate	69	7.017	7.017	0.000	89	864134	200.0	177.1	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	94	480172	200.0	178.7	
88 Tetrachloroethene	166	7.257	7.257	0.000	98	819672	200.0	186.1	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	94	950658	200.0	188.4	
90 2-Hexanone	43	7.474	7.462	0.012	96	2088514	1000.0	950.5	
92 Chlorodibromomethane	129	7.611	7.611	0.000	98	718583	200.0	186.5	
91 n-Butyl acetate	43	7.691	7.691	0.000	99	935497	200.0	180.7	
93 Ethylene Dibromide	107	7.748	7.748	0.000	98	607728	200.0	178.2	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	84	471334	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	95	2042363	200.0	190.2	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	96	820966	200.0	183.9	
96 Ethylbenzene	106	8.674	8.674	0.000	98	1157754	200.0	183.1	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	1443020	200.0	190.1	
100 o-Xylene	106	9.337	9.337	0.000	94	1541055	200.0	187.7	
101 Styrene	104	9.360	9.360	0.000	95	2360310	200.0	191.9	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	531900	200.0	181.0	
103 Bromoform	173	9.543	9.543	0.001	97	504389	200.0	191.1	
102 Amyl acetate (mixed isomers)	43	9.645	9.657	-0.012	91	985177	200.0	198.2	
104 Isopropylbenzene	105	9.771	9.771	0.000	96	4258009	200.0	197.8	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	96	207584	50.0	50.6	
106 Bromobenzene	156	10.045	10.045	0.000	96	903682	200.0	196.3	
107 1,1,2,2-Tetrachloroethane	83	10.103	10.091	0.012	98	866157	200.0	183.7	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	97	229091	200.0	187.6	
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	90	224093	200.0	187.7	
108 N-Propylbenzene	91	10.205	10.194	0.011	99	4822347	200.0	207.4	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	2755661	200.0	197.2	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	3944269	200.0	197.1	
114 4-Chlorotoluene	91	10.377	10.365	0.012	99	2972490	200.0	195.3	
113 1,3,5-Trimethylbenzene	105	10.388	10.377	0.011	93	3652700	200.0	204.1	
115 Butyl Methacrylate	87	10.514	10.514	0.000	90	950815	200.0	187.3	
116 tert-Butylbenzene	119	10.686	10.674	0.012	94	3047369	200.0	209.8	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	98	3729456	200.0	197.1	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	5026395	200.0	215.5	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	97	1752915	200.0	186.7	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	94	261508	50.0	50.0	
119 4-Isopropyltoluene	119	11.017	11.017	0.000	98	4292040	200.0	210.3	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	95	1763438	200.0	191.7	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	99	3950697	200.0	203.7	
124 Benzyl chloride	91	11.154	11.154	0.000	99	1803398	200.0	185.2	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	94	3542446	200.0	199.7	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	82	1783267	200.0	194.9	
126 p-Diethylbenzene	119	11.337	11.337	0.000	93	2585533	200.0	200.7	
127 n-Butylbenzene	92	11.360	11.348	0.012	97	2194583	200.0	203.1	
129 1,2,4,5-Tetramethylbenzene	119	11.954	11.943	0.011	97	4343439	200.0	212.6	
130 1,2-Dibromo-3-Chloropropane	157	11.966	11.966	0.000	95	232544	200.0	181.3	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	98	1646371	200.0	196.6	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	1523664	200.0	183.9	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	96	811062	200.0	208.3	
134 Naphthalene	128	12.743	12.743	0.000	99	3599641	200.0	196.4	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	1513335	200.0	189.6	
S 136 1,2-Dichloroethene, Total	100				0		400.0	358.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	377.8	
S 139 Total BTEX	1				0		1000.0	927.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00428	Amount Added: 2.00	Units: uL	
MIX 1 Hi_00156	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00129	Amount Added: 2.00	Units: uL	
Ethanol mix_00070	Amount Added: 2.00	Units: uL	
8FreonHi_00050	Amount Added: 2.00	Units: uL	
ACROLEIN W_00146	Amount Added: 5.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40807.D

Injection Date: 18-Nov-2022 17:08:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD200

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

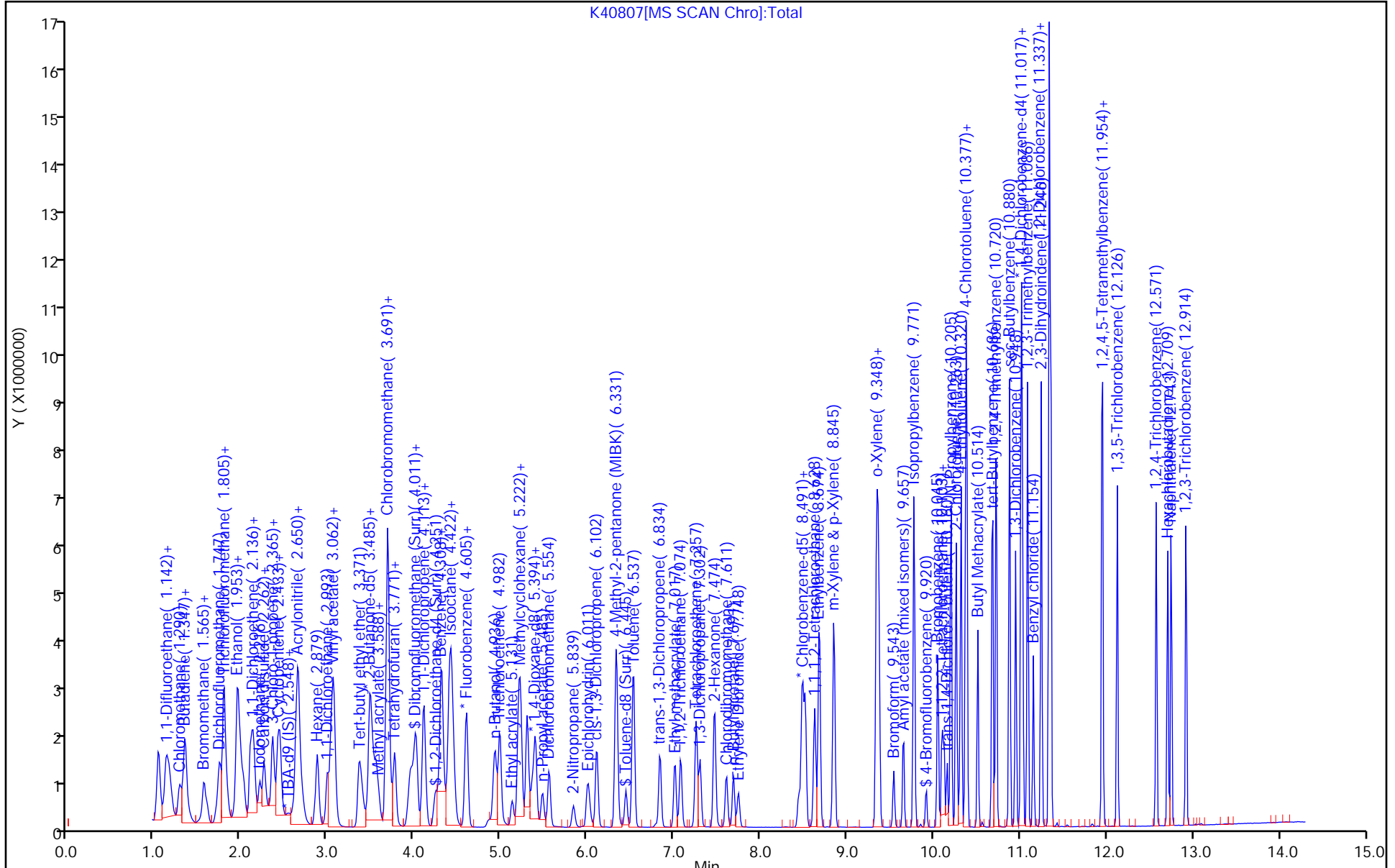
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



K40807[MS SCAN Chro]:Total

Eurofins Edison

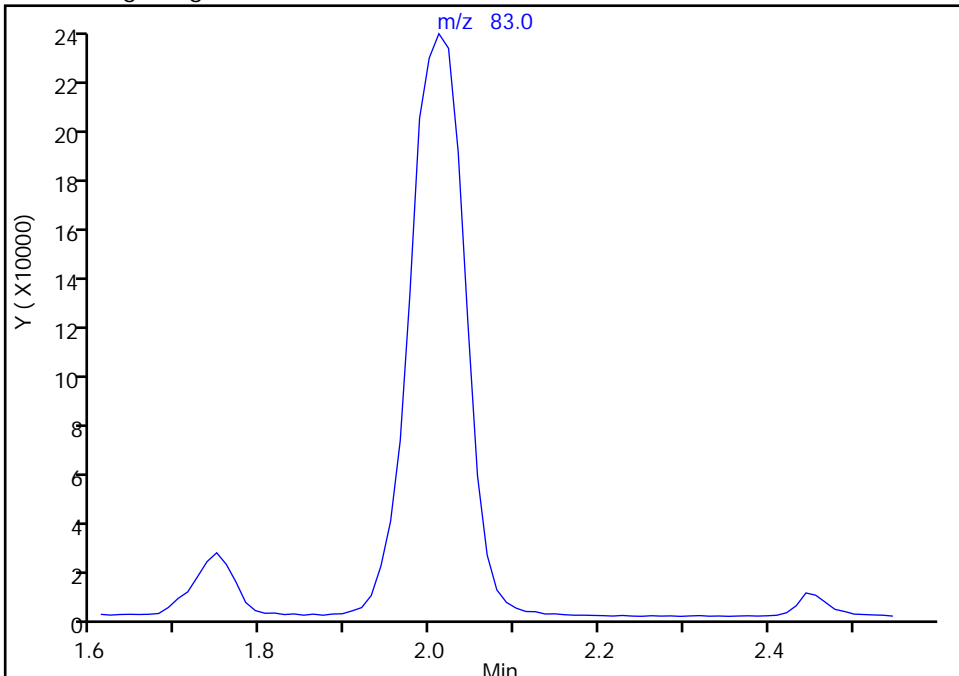
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

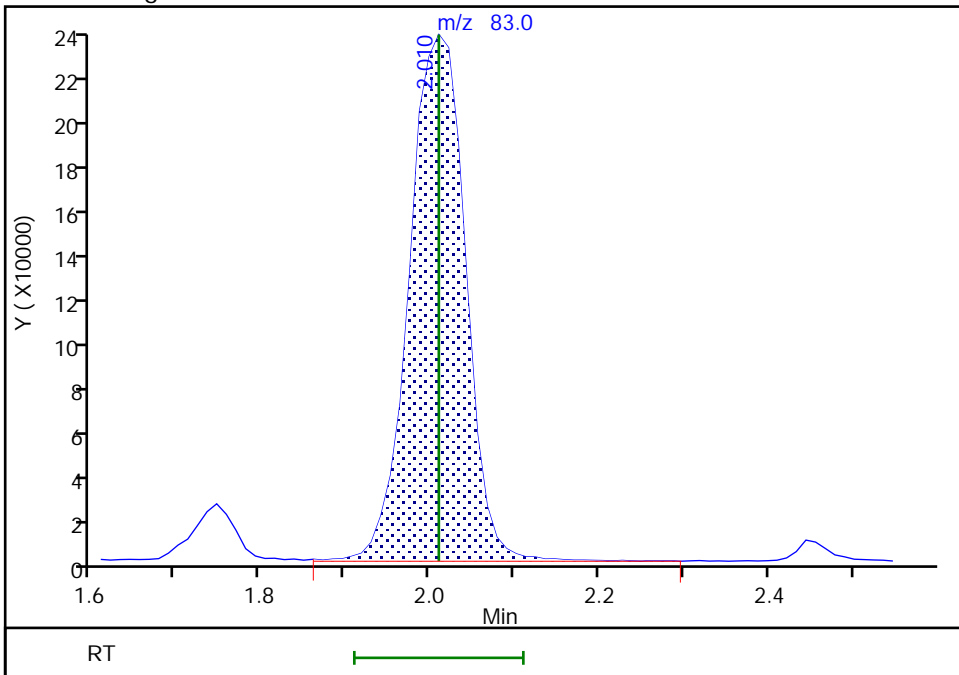
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.01
Area: 1097917
Amount: 190.3472
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:27:02
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

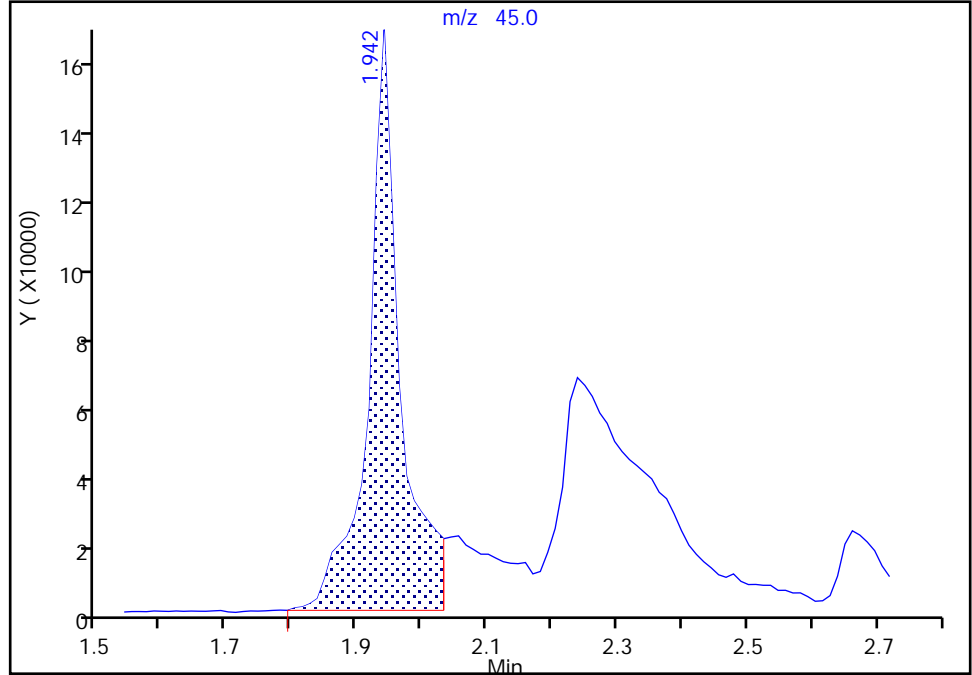
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

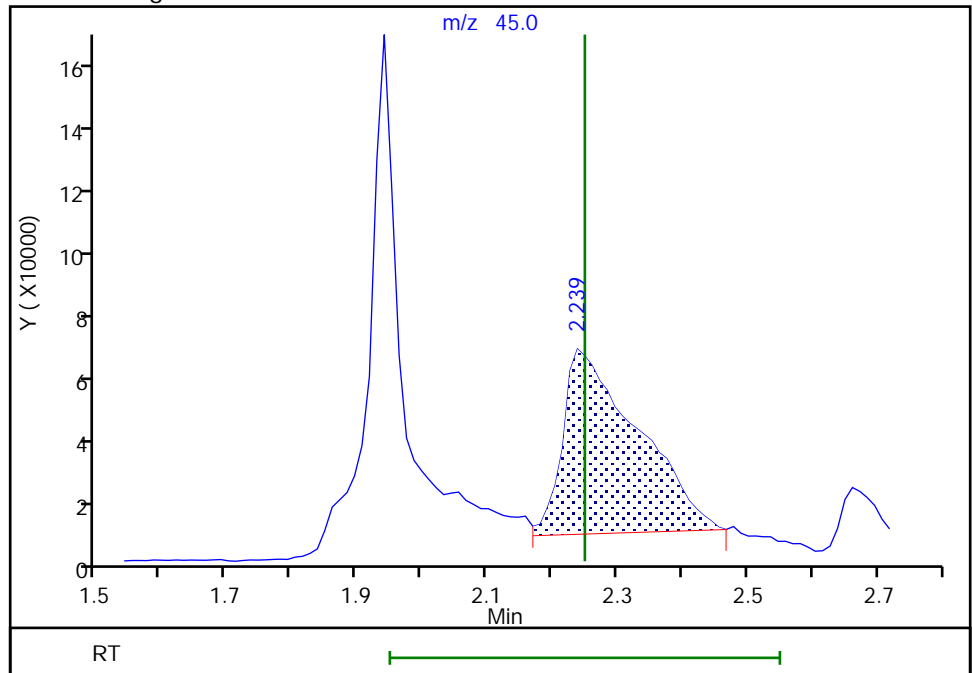
RT: 1.94
Area: 572165
Amount: 2080.3282
Amount Units: ug/l

Processing Integration Results



RT: 2.24
Area: 467491
Amount: 2117.3187
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

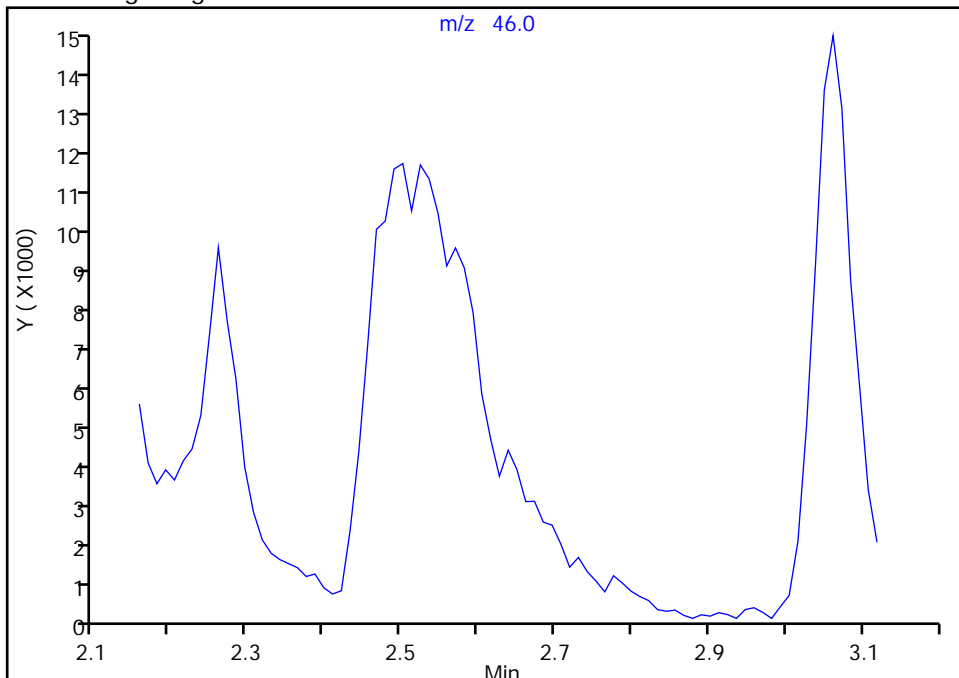
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

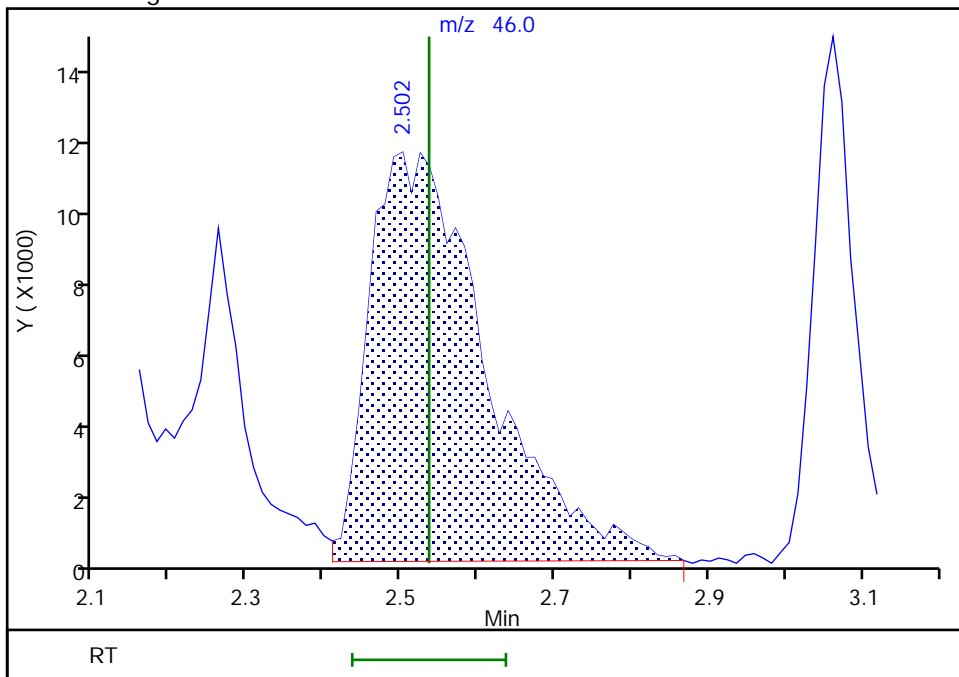
Not Detected
Expected RT: 2.54

Processing Integration Results



Manual Integration Results

RT: 2.50
Area: 118499
Amount: 1000.0000
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:17:23
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

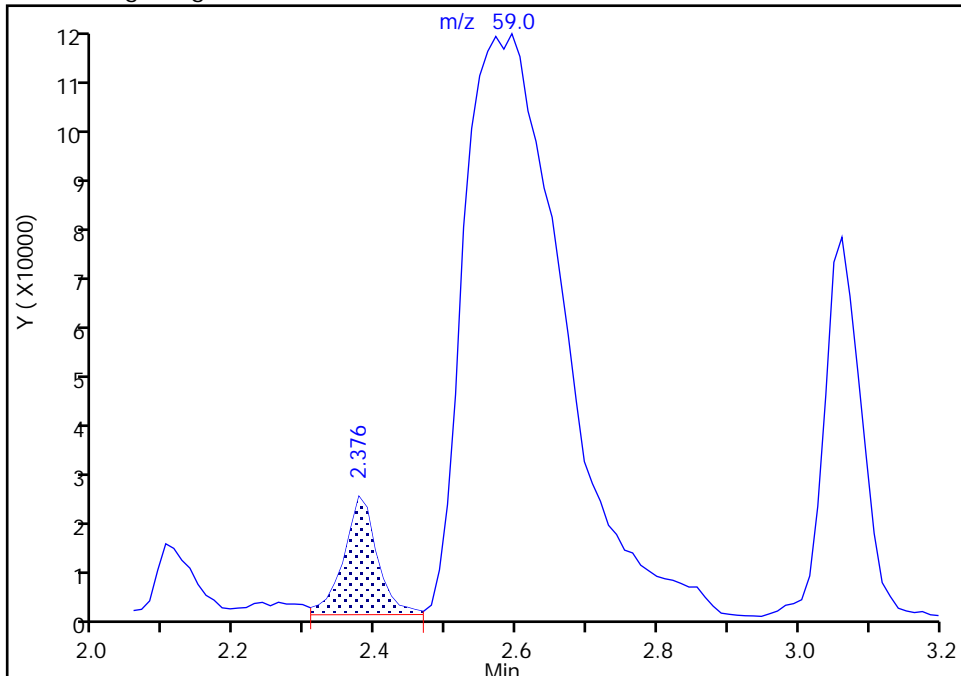
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

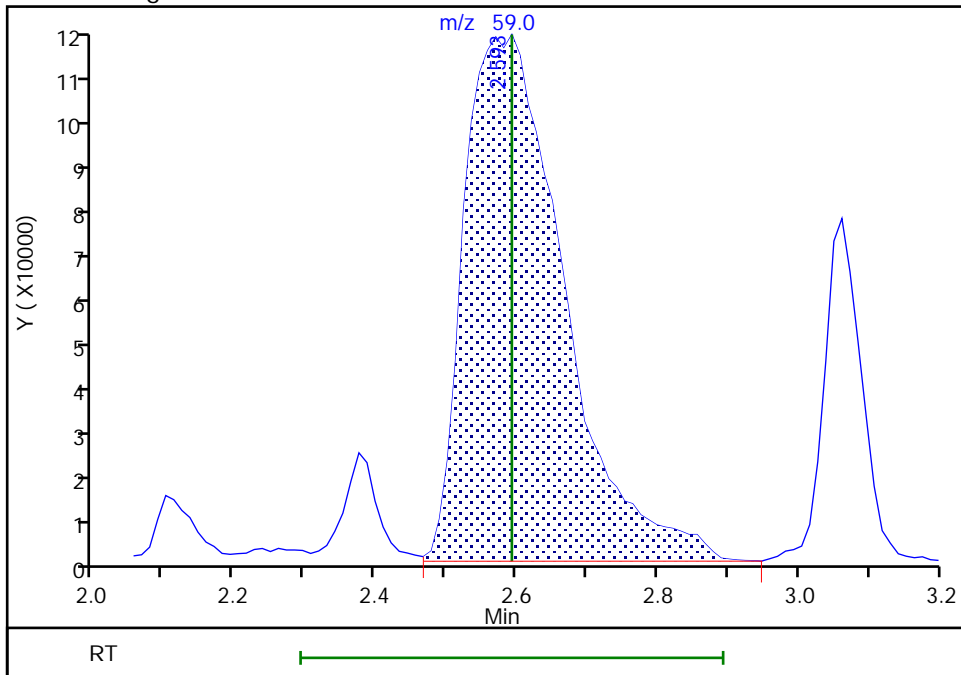
RT: 2.38
Area: 75449
Amount: 497.6667
Amount Units: ug/l

Processing Integration Results



RT: 2.59
Area: 1105374
Amount: 1952.0837
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:27:20
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

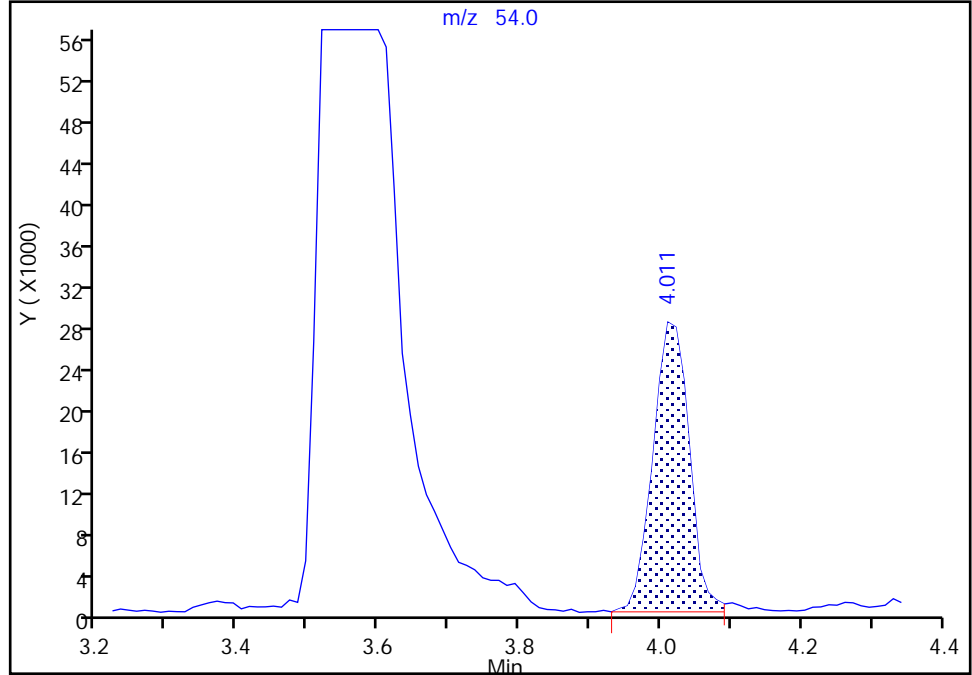
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

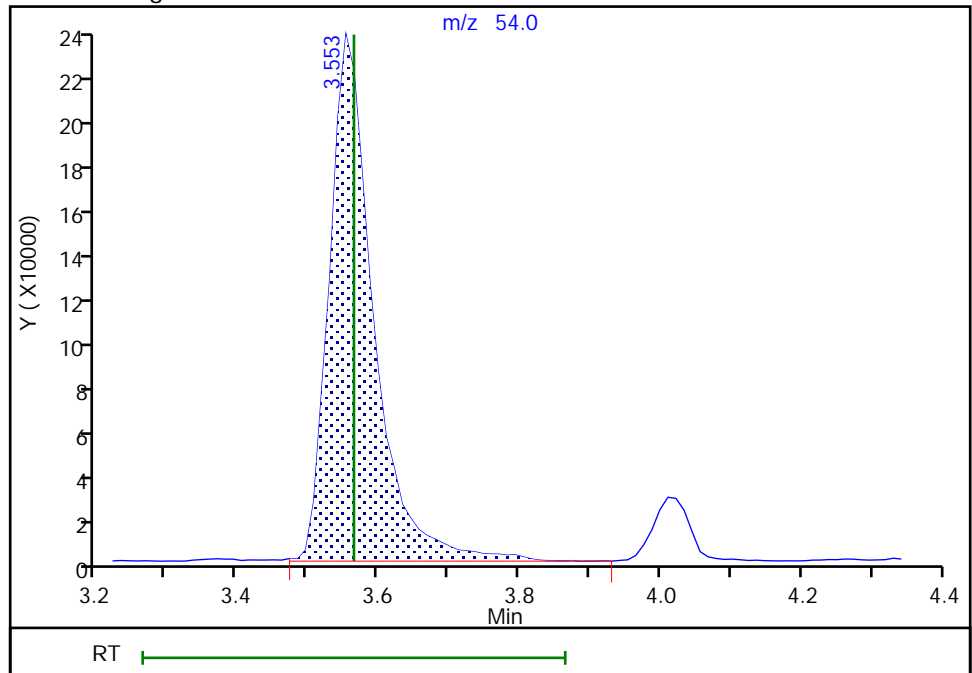
RT: 4.01
Area: 99357
Amount: 1638.7044
Amount Units: ug/l

Processing Integration Results



RT: 3.55
Area: 1003137
Amount: 1975.6588
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:27:43
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

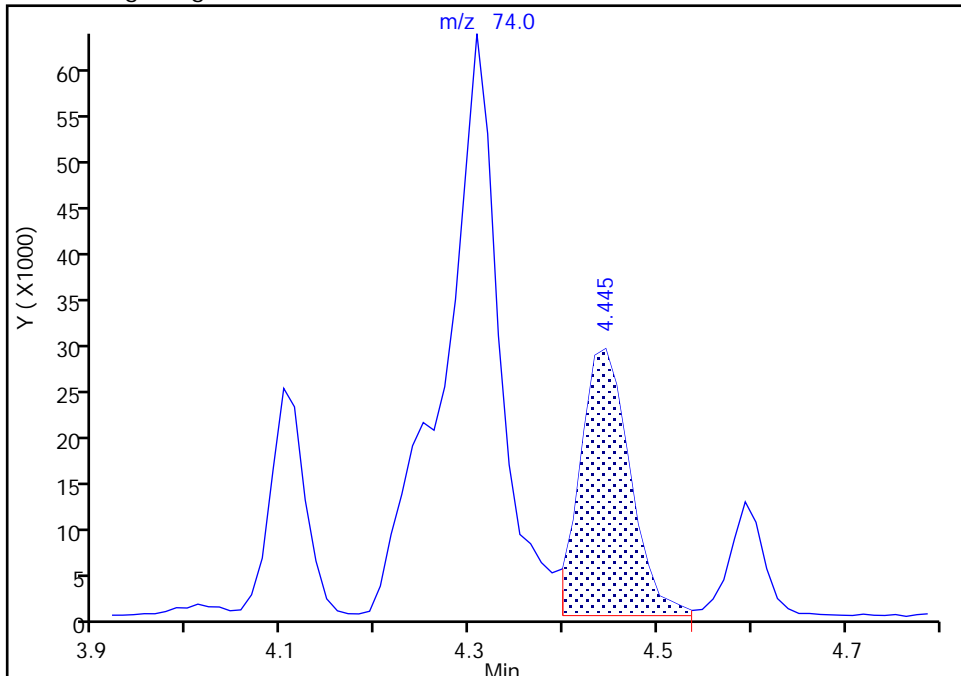
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

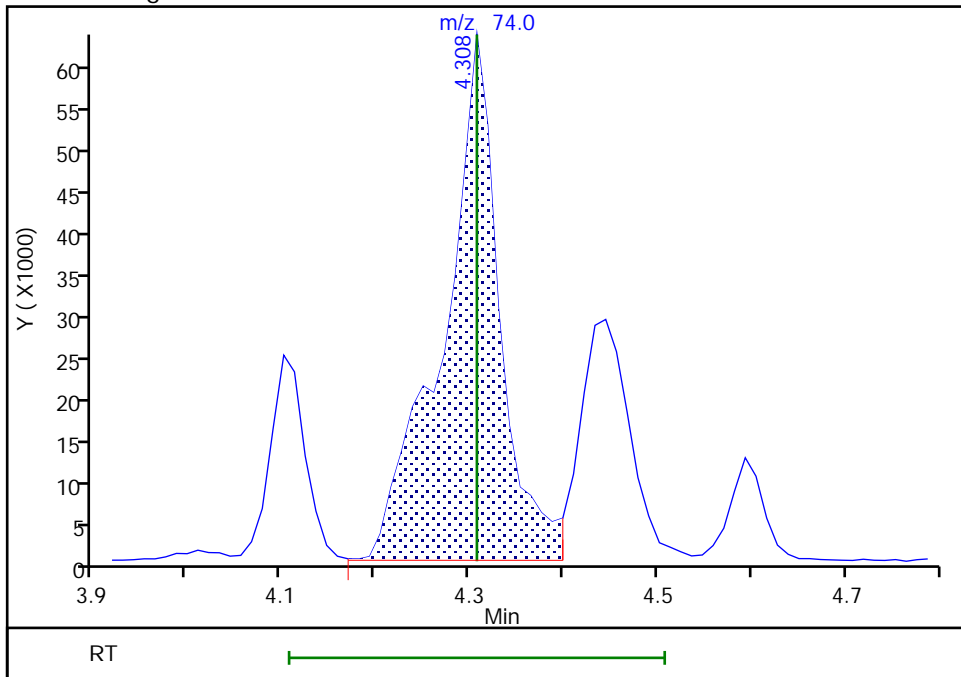
RT: 4.44
Area: 107873
Amount: 2979.7098
Amount Units: ug/l

Processing Integration Results



RT: 4.31
Area: 266937
Amount: 4979.8199
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

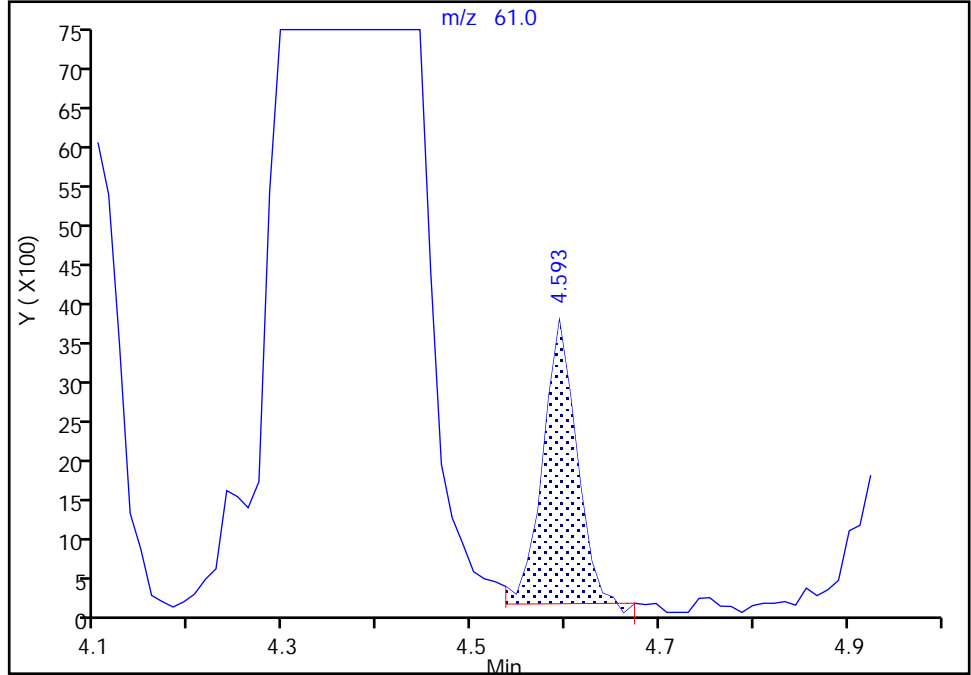
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

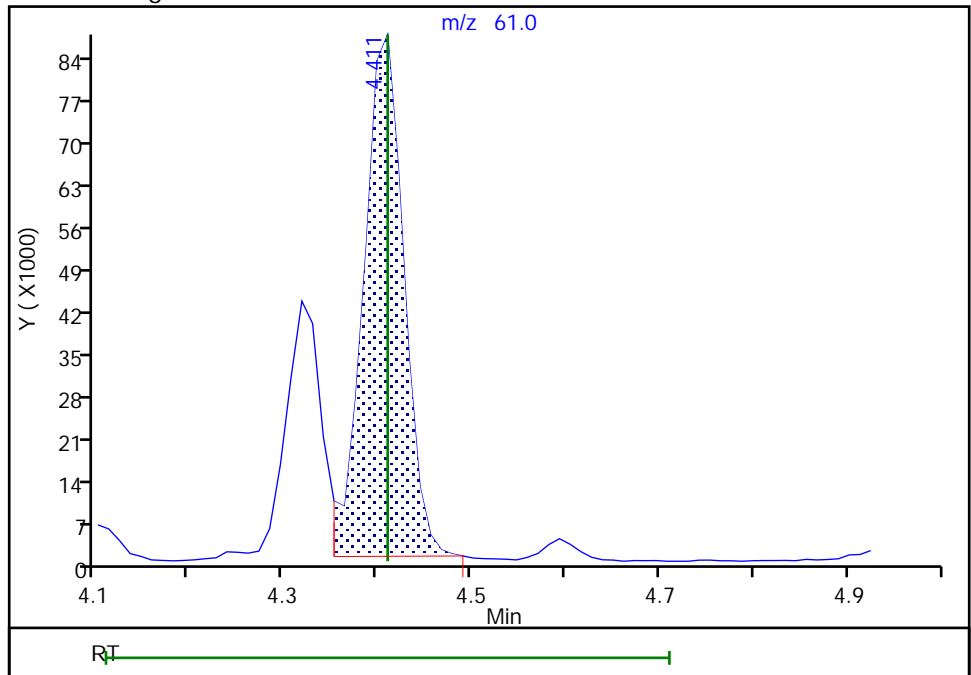
RT: 4.59
Area: 9034
Amount: 4.227879
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 259190
Amount: 195.6568
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:30:11
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

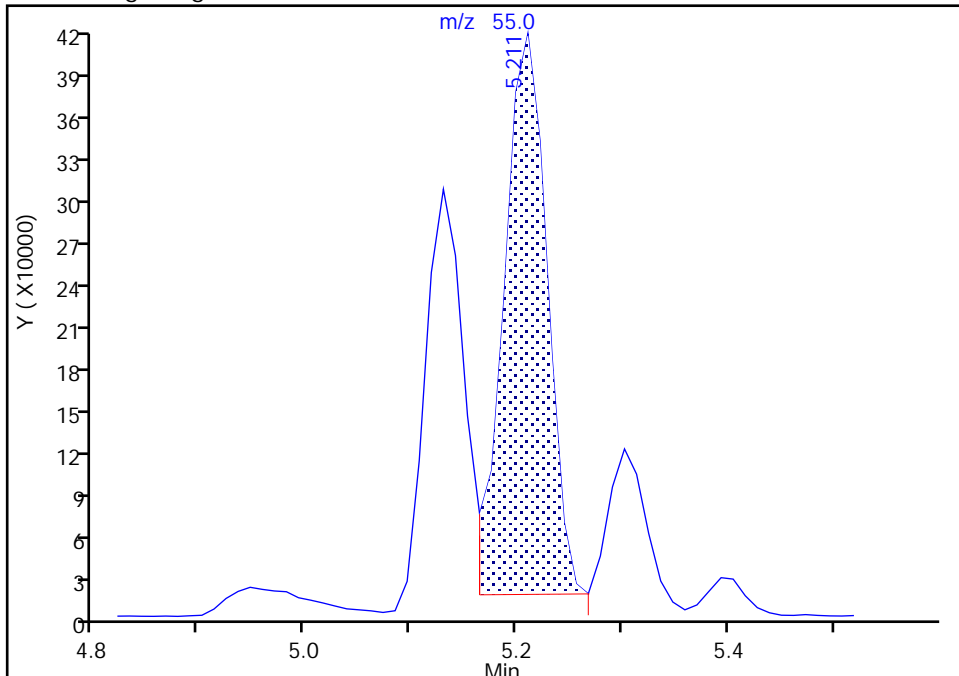
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Injection Date: 18-Nov-2022 17:08:30 Instrument ID: CVOAMS9
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

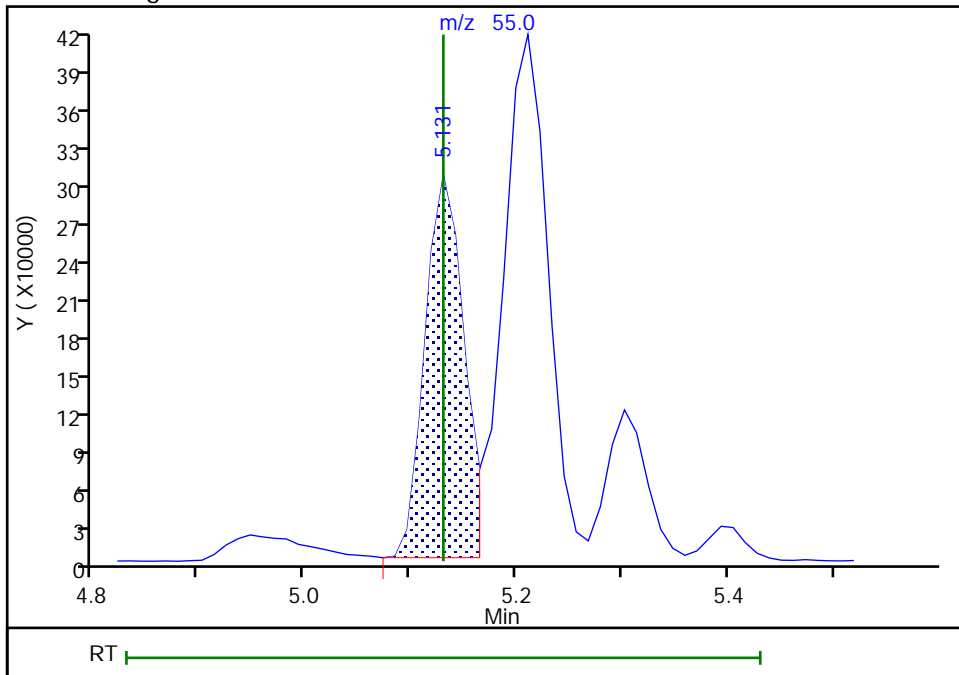
RT: 5.21
Area: 1143102
Amount: 207.1518
Amount Units: ug/l

Processing Integration Results



RT: 5.13
Area: 783249
Amount: 202.2710
Amount Units: ug/l

Manual Integration Results



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 18-Nov-2022 17:30:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0153407-008
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:54:59 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: PUV6

Date: 18-Nov-2022 18:26:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.130	1.142	-0.012	98	1257733	NC	NC	
2 Chlorotrifluoroethene	116	1.142	1.153	-0.011	62	1296821	500.0	500.6	
4 Dichlorodifluoromethane	85	1.165	1.176	-0.011	97	4759437	500.0	533.8	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	95	568739	500.0	500.6	a
6 Chloromethane	50	1.290	1.302	-0.012	99	4458974	500.0	496.8	
7 Butadiene	54	1.347	1.359	-0.012	95	2673206	500.0	466.2	
8 Vinyl chloride	62	1.370	1.382	-0.012	98	2966942	500.0	474.5	
9 Bromomethane	94	1.576	1.576	0.000	99	2148820	500.0	448.5	
10 Chloroethane	64	1.610	1.610	0.000	100	1569328	500.0	436.4	
11 Dichlorofluoromethane	67	1.759	1.759	0.000	99	4360021	500.0	496.1	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	50	3742226	500.0	494.6	
13 Pentane	72	1.805	1.816	-0.011	96	769518	1000.0	975.0	
14 Ethanol	46	1.953	1.953	0.000	89	394413	20000	15039	
15 Ethyl ether	59	1.942	1.953	-0.011	95	1332237	500.0	460.6	
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	96	1763289	500.0	480.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.976	1.976	0.000	91	1964125	500.0	488.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.022	2.010	0.012	95	3041209	500.0	489.7	a
19 Acrolein	56	2.033	2.045	-0.012	92	329446	600.0	557.2	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	98	1779369	500.0	485.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.148	2.147	0.001	98	2485442	500.0	504.0	
22 Acetone	43	2.148	2.159	-0.011	86	3434065	2500.0	2498.8	
23 Iodomethane	142	2.216	2.227	-0.011	98	3700841	500.0	467.5	
24 Isopropyl alcohol	45	2.250	2.250	0.000	24	1565874	5000.0	6249.6	a
25 Carbon disulfide	76	2.273	2.273	0.000	99	7079189	500.0	488.7	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	90	2377978	500.0	424.8	
27 Methyl acetate	43	2.388	2.388	0.000	99	2371240	1000.0	1005.0	
28 Cyclopentene	67	2.433	2.433	0.000	93	4229335	500.0	474.2	
29 Acetonitrile	39	2.433	2.433	0.000	27	1473724	5000.0	5035.9	a
31 Methylene Chloride	84	2.456	2.456	0.000	91	1997833	500.0	469.1	
* 30 TBA-d9 (IS)	46	2.525	2.536	-0.011	40	134473	1000.0	1000.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.593	2.593	0.000	94	2948146	5000.0	4587.9	a
35 Acrylonitrile	53	2.639	2.650	-0.011	94	6237121	5000.0	4744.5	
33 Methyl tert-butyl ether	73	2.673	2.673	0.000	97	5823432	500.0	470.1	
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	95	1904973	500.0	450.4	
36 Hexane	43	2.879	2.890	-0.011	92	1681071	500.0	490.3	
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	99	3263300	500.0	460.8	
39 Vinyl acetate	86	3.039	3.050	-0.011	100	668527	1000.0	921.0	
37 Isopropyl ether	45	3.062	3.073	-0.011	85	6133913	500.0	480.8	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	93	1800643	500.0	484.8	
41 Tert-butyl ethyl ether	87	3.371	3.370	0.000	88	2646176	500.0	504.6	
* 42 2-Butanone-d5	46	3.462	3.462	0.000	87	319598	250.0	250.0	
43 2,2-Dichloropropane	79	3.519	3.496	0.023	95	1151618	500.0	435.0	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	97	2147351	500.0	454.4	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	98	1166726	2500.0	2499.2	
45 Ethyl acetate	70	3.565	3.565	0.000	98	376795	1000.0	855.8	
48 Propionitrile	54	3.565	3.565	0.000	90	2718519	5000.0	4718.1	a
47 Methyl acrylate	55	3.599	3.599	0.000	100	1996059	500.0	499.6	a
50 Chlorobromomethane	128	3.702	3.702	0.000	85	1062174	500.0	469.3	
51 Methacrylonitrile	67	3.702	3.702	0.000	92	7471345	5000.0	5130.2	
49 Tetrahydrofuran	72	3.759	3.771	-0.011	87	526940	1000.0	1000.0	
52 Chloroform	83	3.782	3.782	0.000	98	3349787	500.0	474.6	
\$ 55 Dibromofluoromethane (Surr)	113	3.931	3.931	0.000	97	164823	50.0	49.0	
54 1,1,1-Trichloroethane	97	3.965	3.965	0.000	98	3515047	500.0	504.4	
53 Cyclohexane	84	4.022	4.022	0.000	91	3699223	500.0	527.4	
57 1,1-Dichloropropene	75	4.113	4.113	0.000	96	2605255	500.0	486.7	
56 Carbon tetrachloride	117	4.125	4.125	0.000	98	3046606	500.0	504.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	173239	50.0	49.1	
58 Isobutyl alcohol	74	4.319	4.308	0.011	96	717033	12500	11788	a
60 Benzene	78	4.319	4.319	0.000	96	7983090	500.0	458.7	
64 1,2-Dichloroethane	62	4.331	4.331	0.000	97	2511371	500.0	474.1	
59 Isooctane	57	4.422	4.411	0.011	95	9257090	500.0	571.4	
62 Isopropyl acetate	61	4.411	4.411	0.000	95	701224	500.0	490.5	a
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	93	6523243	500.0	512.5	
* 66 Fluorobenzene	96	4.605	4.605	0.000	98	651743	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	92	3025067	500.0	499.9	
68 n-Butanol	56	4.959	4.936	0.023	89	1716533	12500	11107	
69 Trichloroethene	95	4.994	4.993	0.001	98	2041465	500.0	481.1	
70 Ethyl acrylate	55	5.142	5.131	0.011	98	2214204	500.0	529.9	a
71 Methylcyclohexane	83	5.211	5.211	0.000	94	4408144	500.0	517.4	
72 1,2-Dichloropropane	63	5.245	5.234	0.011	88	1913489	500.0	473.3	
77 Dibromomethane	93	5.371	5.359	0.012	96	1179338	500.0	496.7	
74 Methyl methacrylate	69	5.405	5.394	0.011	88	2512916	1000.0	999.5	
* 73 1,4-Dioxane-d8	96	5.371	5.405	-0.034	33	46073	1000.0	1000.0	
75 1,4-Dioxane	88	5.405	5.416	-0.011	29	459363	10000	9999.6	
76 n-Propyl acetate	43	5.485	5.485	0.000	99	2542051	500.0	474.5	
78 Dichlorobromomethane	83	5.565	5.565	0.000	99	2701086	500.0	495.7	
79 2-Nitropropane	41	5.839	5.839	0.000	98	1099945	1000.0	940.7	
80 Epichlorohydrin	57	6.011	5.999	0.012	99	3901265	10000	10105	
81 cis-1,3-Dichloropropene	75	6.114	6.102	0.012	94	3277856	500.0	474.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.342	6.331	0.011	97	9406541	2500.0	2418.6	
\$ 83 Toluene-d8 (Surr)	98	6.457	6.445	0.012	99	705877	50.0	47.6	
84 Toluene	91	6.537	6.536	0.001	93	9126261	500.0	477.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.845	6.834	0.011	98	2924881	500.0	478.5	
86 Ethyl methacrylate	69	7.017	7.017	0.000	89	2459528	500.0	455.8	
87 1,1,2-Trichloroethane	83	7.085	7.074	0.011	94	1381773	500.0	465.0	
88 Tetrachloroethene	166	7.257	7.257	0.000	97	2297900	500.0	471.8	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	94	2710484	500.0	485.6	
90 2-Hexanone	43	7.474	7.462	0.012	96	6130623	2500.0	2485.4	
92 Chlorodibromomethane	129	7.611	7.611	0.000	98	2102657	500.0	493.4	
91 n-Butyl acetate	43	7.691	7.691	0.000	99	2673896	500.0	467.1	
93 Ethylene Dibromide	107	7.748	7.748	0.000	99	1725589	500.0	457.5	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	83	521295	50.0	50.0	
95 Chlorobenzene	112	8.491	8.480	0.011	95	5877606	500.0	494.9	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	96	2347255	500.0	475.3	
96 Ethylbenzene	106	8.685	8.674	0.011	98	3279640	500.0	469.0	
98 m-Xylene & p-Xylene	106	8.857	8.845	0.012	0	4177985	500.0	497.7	
100 o-Xylene	106	9.348	9.337	0.011	93	4444445	500.0	489.5	
101 Styrene	104	9.360	9.360	0.000	94	6880354	500.0	505.8	
99 n-Butyl acrylate	73	9.383	9.371	0.012	97	1567169	500.0	482.2	
103 Bromoform	173	9.543	9.543	0.001	97	1477765	500.0	506.2	
102 Amyl acetate (mixed isomers)	43	9.657	9.657	0.000	90	3129267	500.0	500.2	
104 Isopropylbenzene	105	9.783	9.771	0.012	95	12144221	500.0	510.1	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	94	228074	50.0	50.3	
106 Bromobenzene	156	10.057	10.045	0.012	95	2668599	500.0	516.1	
107 1,1,2,2-Tetrachloroethane	83	10.103	10.091	0.012	98	2520860	500.0	476.2	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	98	671653	500.0	489.8	
110 trans-1,4-Dichloro-2-butene	53	10.160	10.160	0.000	92	640636	500.0	477.9	
108 N-Propylbenzene	91	10.205	10.194	0.011	98	12160592	500.0	465.8	e
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	8050252	500.0	513.1	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	11282188	500.0	502.0	
114 4-Chlorotoluene	91	10.377	10.365	0.012	99	9002502	500.0	526.6	
113 1,3,5-Trimethylbenzene	105	10.388	10.377	0.011	93	10516822	500.0	523.3	e
115 Butyl Methacrylate	87	10.514	10.514	0.000	91	3117819	500.0	546.8	
116 tert-Butylbenzene	119	10.686	10.674	0.012	94	9082239	500.0	556.8	
117 1,2,4-Trimethylbenzene	105	10.731	10.720	0.011	97	10648980	500.0	501.2	e
118 sec-Butylbenzene	105	10.880	10.880	0.000	95	12226662	500.0	466.8	e
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	96	5303901	500.0	503.1	
* 121 1,4-Dichlorobenzene-d4	152	11.017	11.006	0.011	77	293677	50.0	50.0	
119 4-Isopropyltoluene	119	11.017	11.017	0.000	94	10832298	500.0	472.6	e
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	94	5210535	500.0	504.5	
123 1,2,3-Trimethylbenzene	105	11.097	11.086	0.011	98	11438978	500.0	525.2	e
124 Benzyl chloride	91	11.154	11.154	0.000	99	5407357	500.0	494.4	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	95	10318841	500.0	518.0	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	83	5178212	500.0	503.9	
126 p-Diethylbenzene	119	11.337	11.337	0.000	93	7218850	500.0	499.0	
127 n-Butylbenzene	92	11.360	11.348	0.012	95	6374821	500.0	525.3	
129 1,2,4,5-Tetramethylbenzene	119	11.954	11.943	0.011	98	10803936	500.0	471.0	e
130 1,2-Dibromo-3-Chloropropane	157	11.966	11.966	0.000	93	687478	500.0	477.2	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	98	4717236	500.0	501.7	
132 1,2,4-Trichlorobenzene	180	12.583	12.571	0.012	94	4541895	500.0	488.2	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	95	2326327	500.0	532.1	
134 Naphthalene	128	12.754	12.743	0.011	99	10623399	500.0	517.1	
135 1,2,3-Trichlorobenzene	180	12.926	12.914	0.012	96	4335462	500.0	483.8	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	904.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	987.2	
S 139 Total BTEX	1				0		2500.0	2392.5	

QC Flag Legend

Processing Flags

- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags

- a - User Assigned ID

Reagents:

GAS Hi_00428	Amount Added: 5.00	Units: uL	
MIX 1 Hi_00156	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00129	Amount Added: 5.00	Units: uL	
Ethanol mix_00070	Amount Added: 5.00	Units: uL	
8FreonHi_00050	Amount Added: 5.00	Units: uL	
ACROLEIN W_00146	Amount Added: 6.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D

Injection Date: 18-Nov-2022 17:30:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: STD500

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

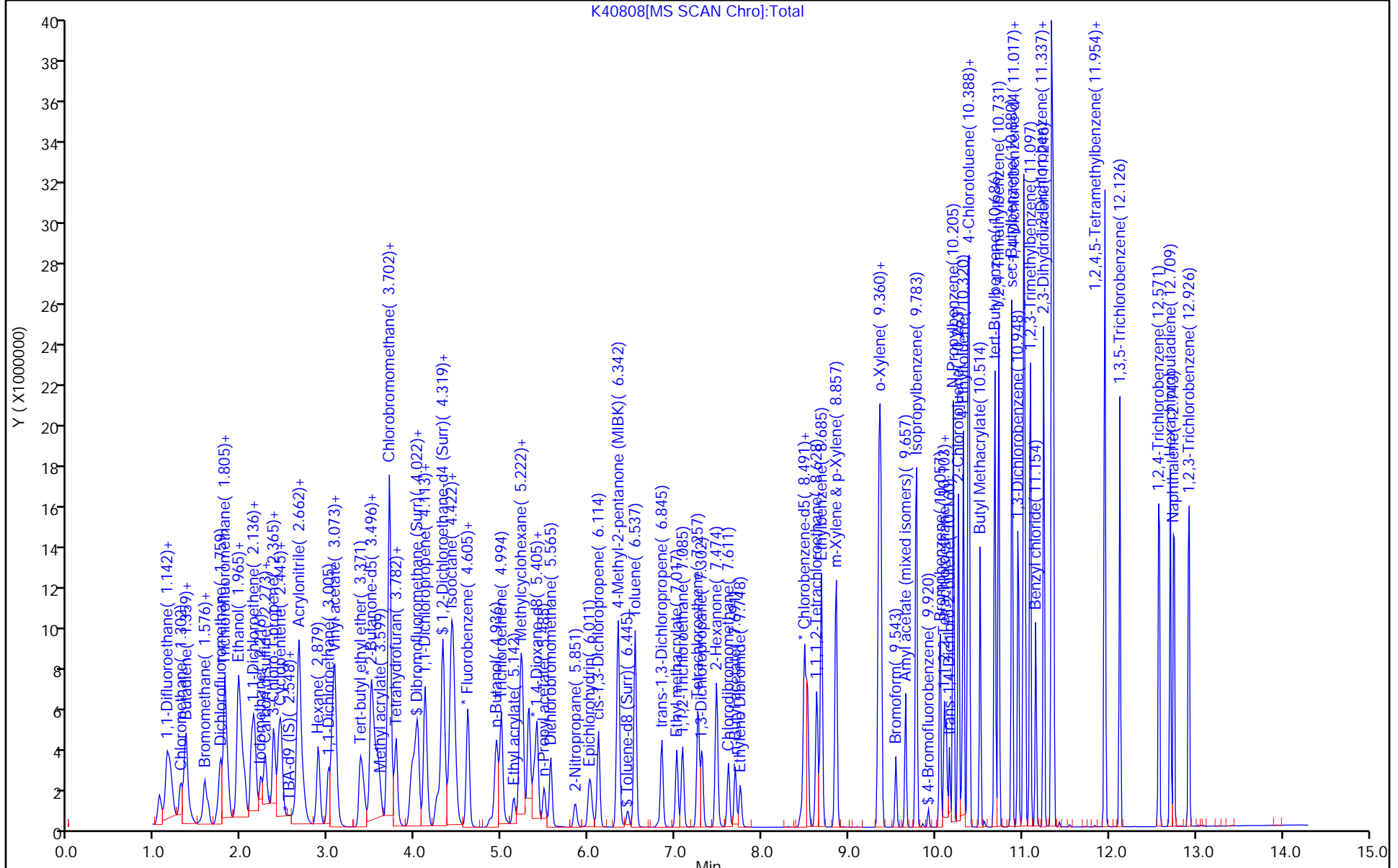
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



K40808[MS SCAN Chro]:Total

Eurofins Edison

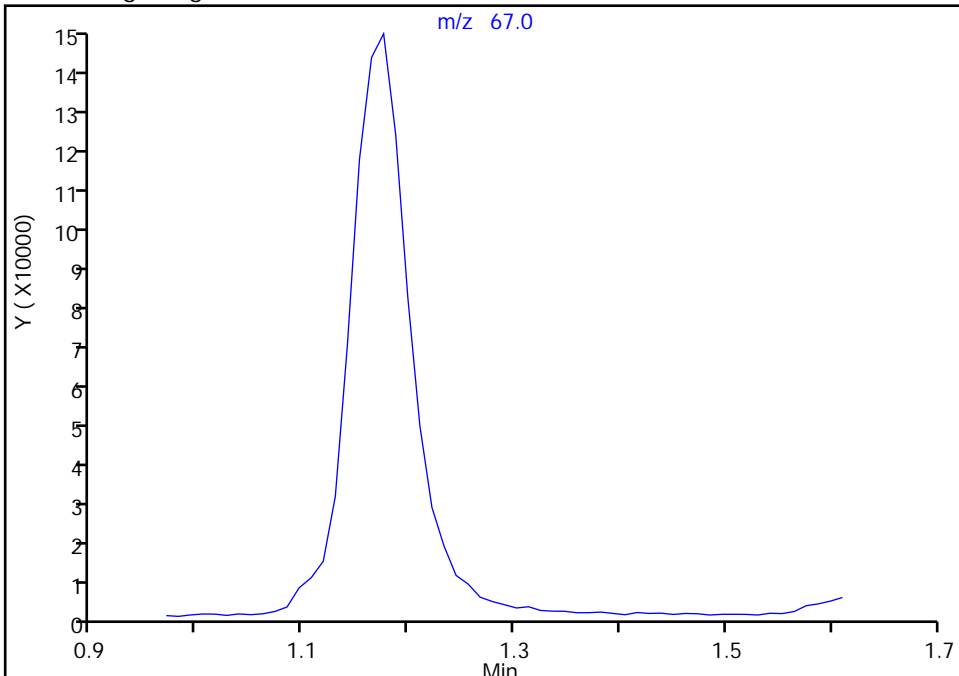
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Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

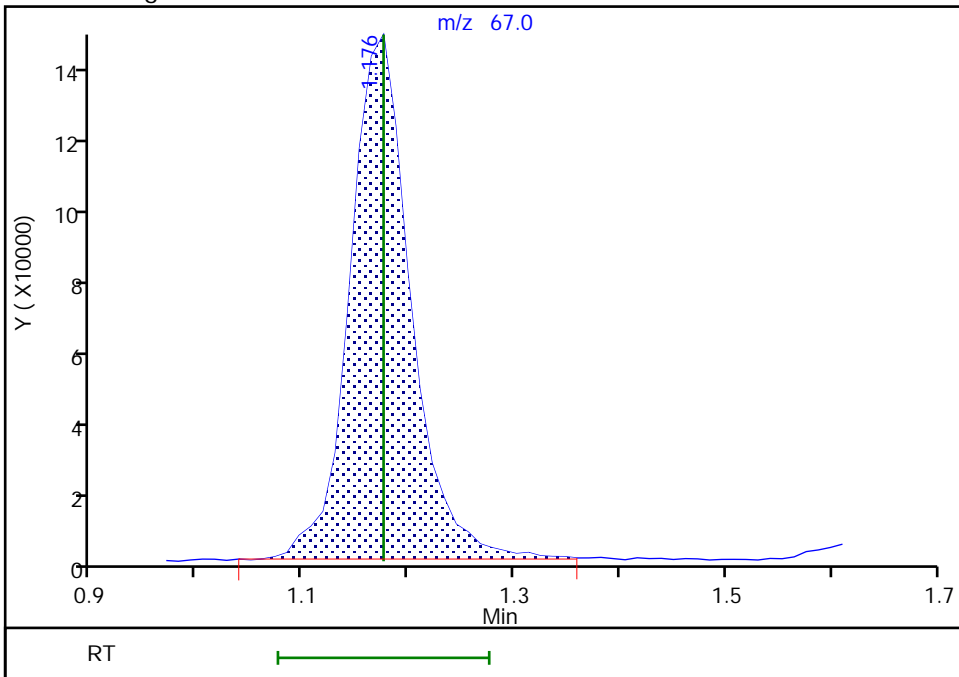
Not Detected
Expected RT: 1.18

Processing Integration Results



RT: 1.18
Area: 568739
Amount: 500.6226
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:17:41
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

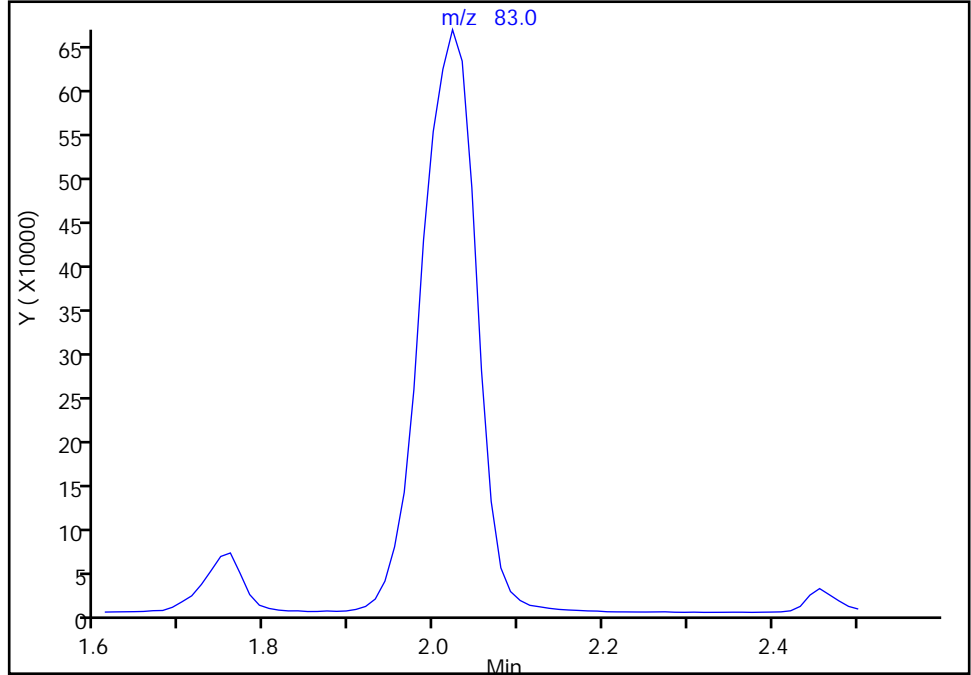
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Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

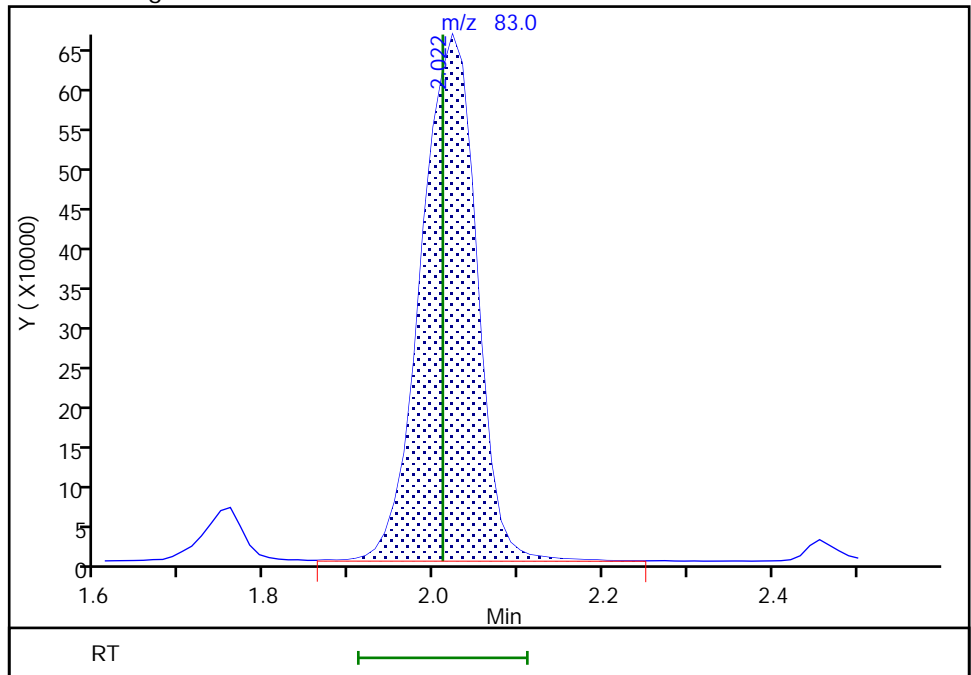
Not Detected
Expected RT: 2.01

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 3041209
Amount: 489.7073
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:17:48
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

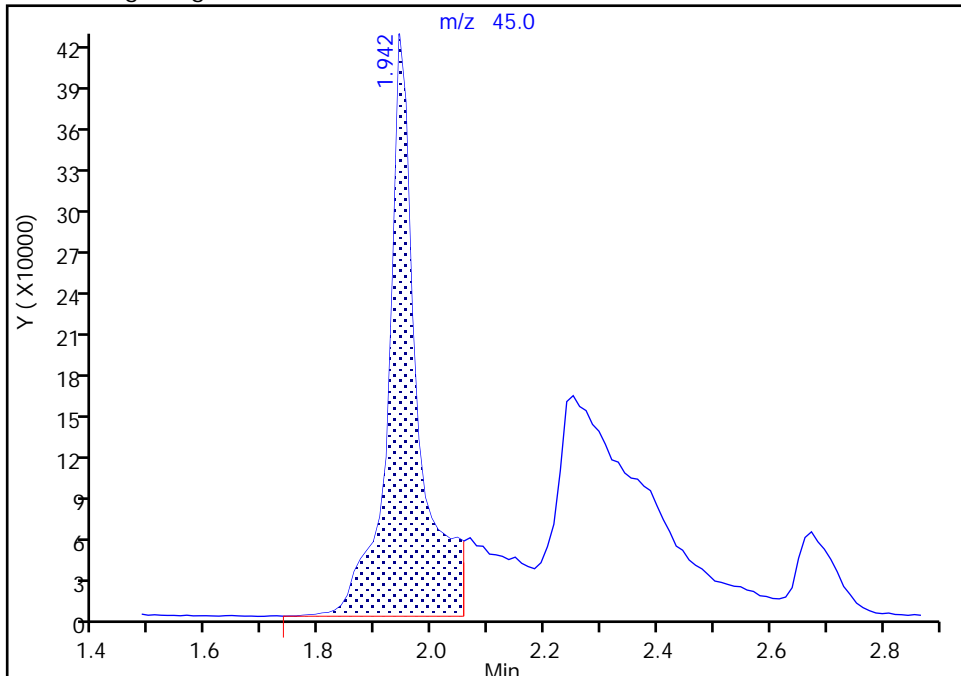
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Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

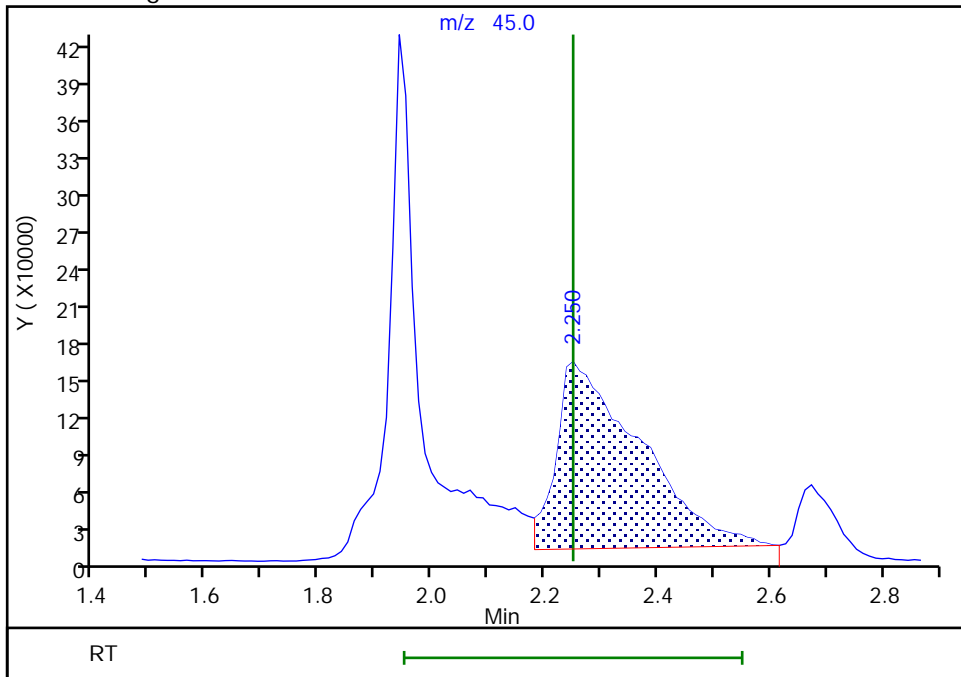
RT: 1.94
Area: 1552891
Amount: 5138.4016
Amount Units: ug/l

Processing Integration Results



RT: 2.25
Area: 1565874
Amount: 6249.5592
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

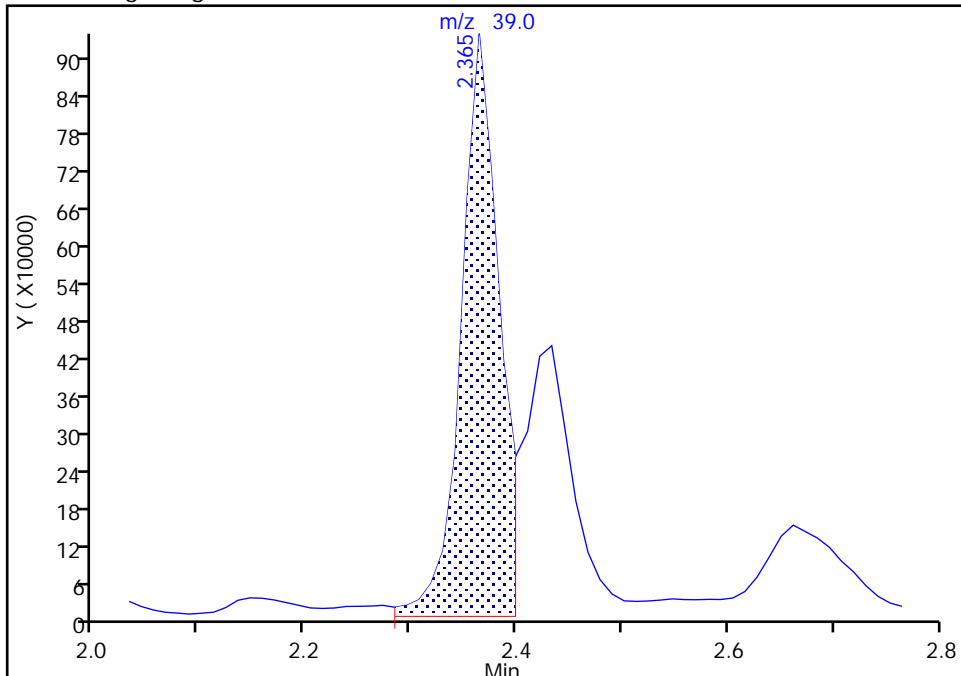
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

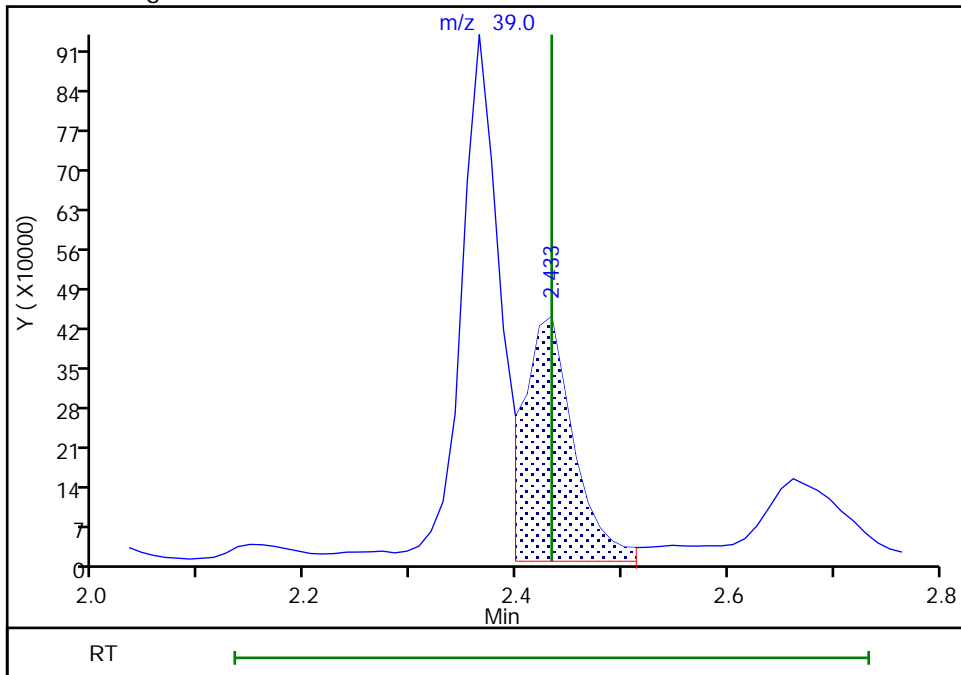
RT: 2.36
Area: 2378988
Amount: 5000.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 1473724
Amount: 5035.9398
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:17:55
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

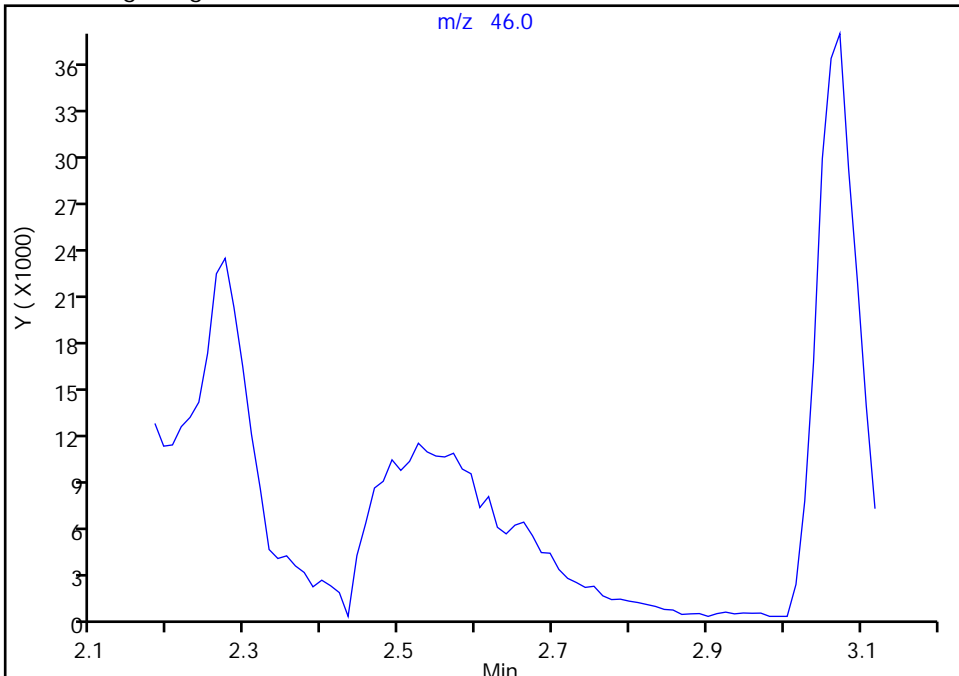
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Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 30 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

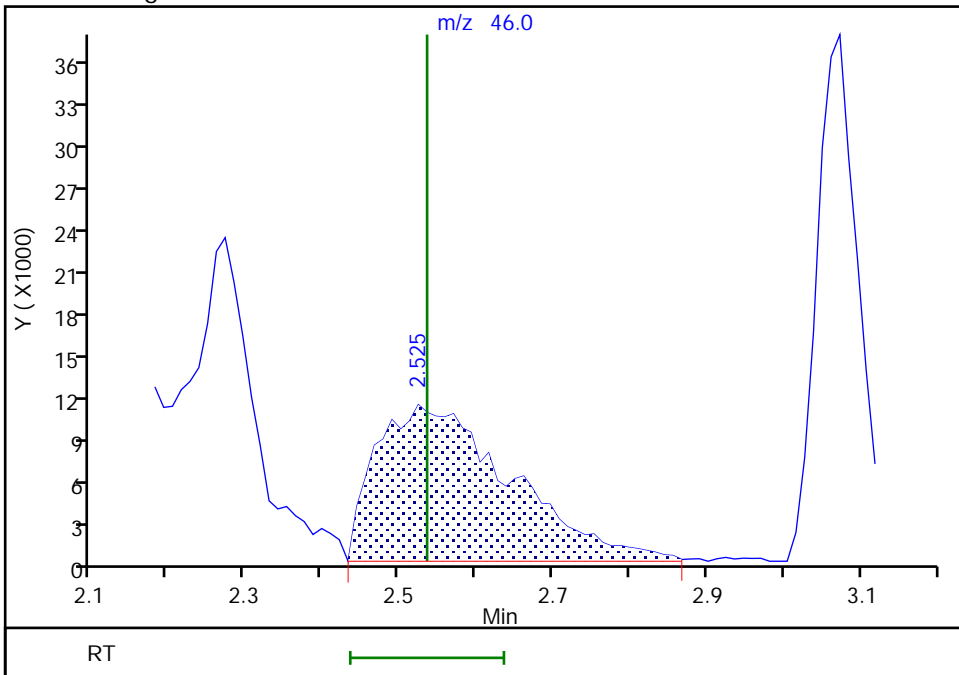
Not Detected
Expected RT: 2.54

Processing Integration Results



Manual Integration Results

RT: 2.52
Area: 134473
Amount: 1000.0000
Amount Units: ug/l



Reviewer: PUV6, 18-Nov-2022 21:17:36
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

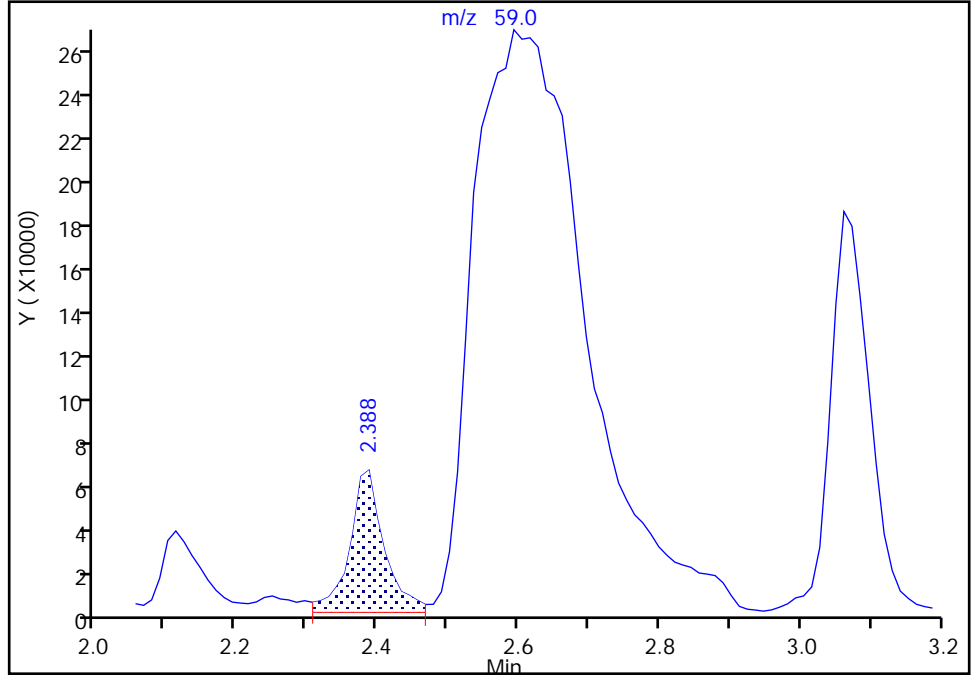
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Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

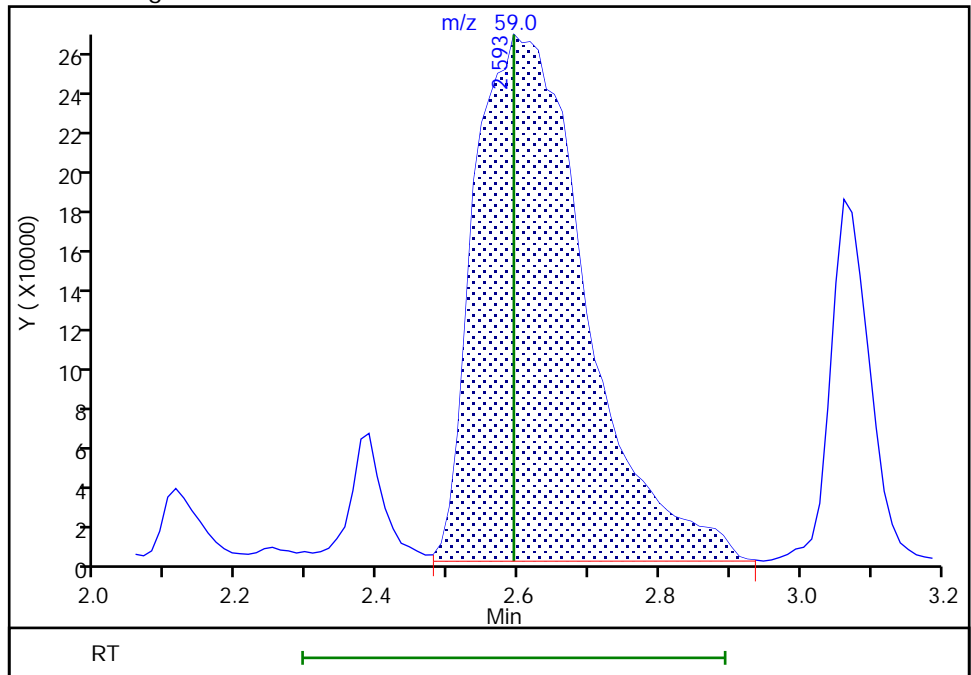
RT: 2.39
Area: 222795
Amount: 403.2367
Amount Units: ug/l

Processing Integration Results



RT: 2.59
Area: 2948146
Amount: 4587.9404
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

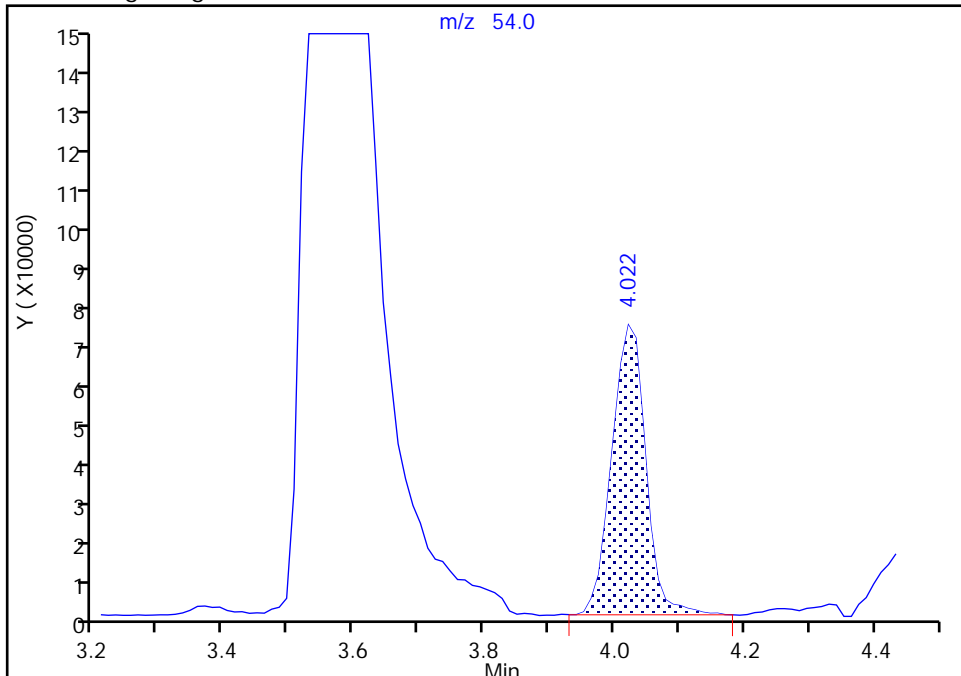
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

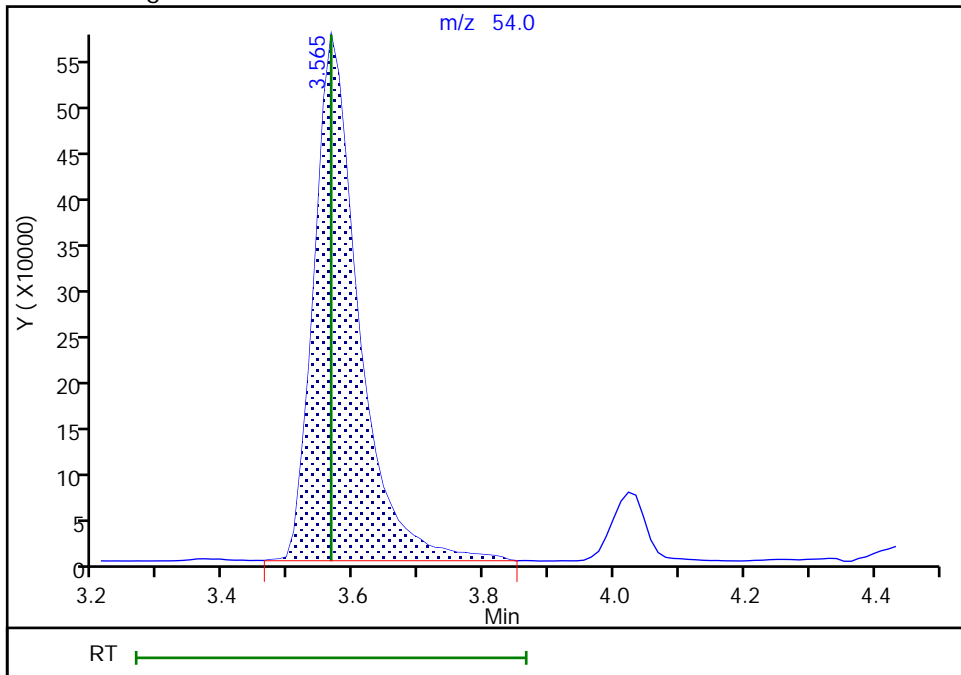
RT: 4.02
Area: 268859
Amount: 1742.7550
Amount Units: ug/l

Processing Integration Results



RT: 3.56
Area: 2718519
Amount: 4718.0621
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:28:40
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

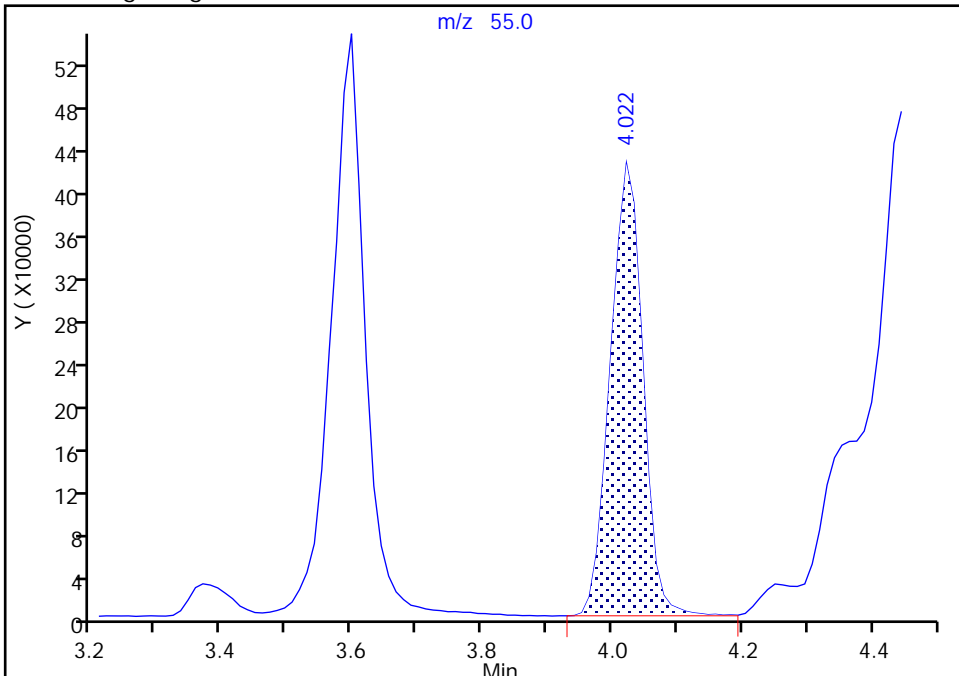
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

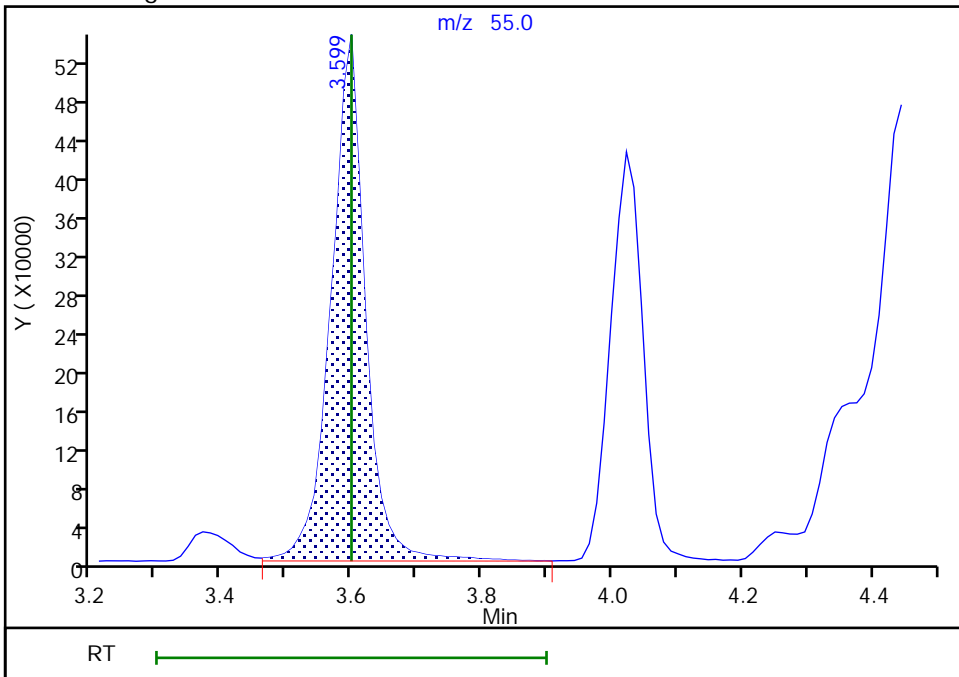
RT: 4.02
Area: 1469906
Amount: 499.1148
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 1996059
Amount: 499.5671
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

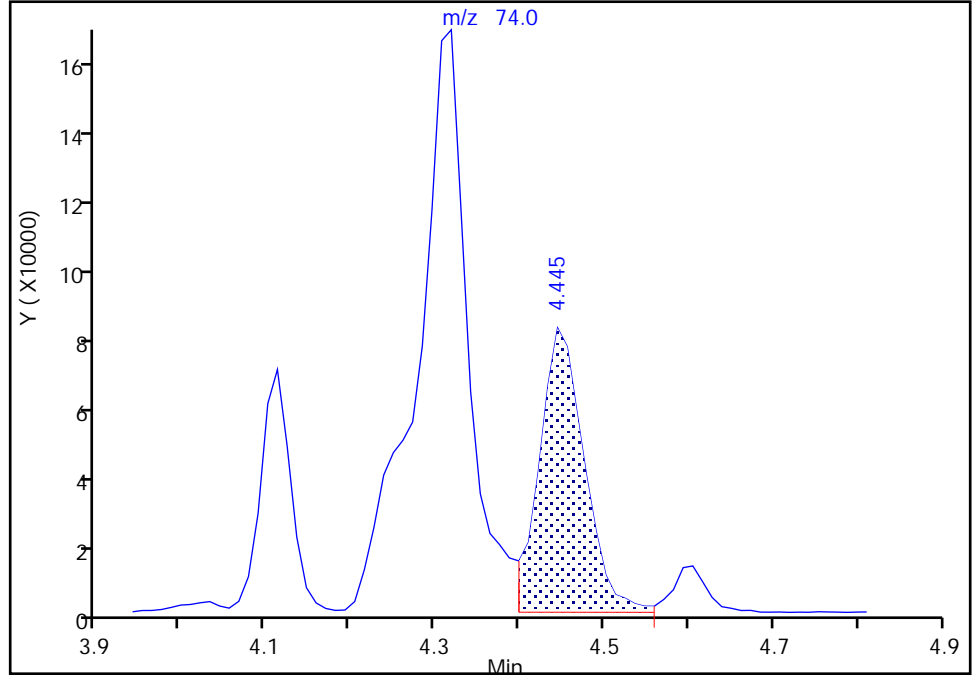
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

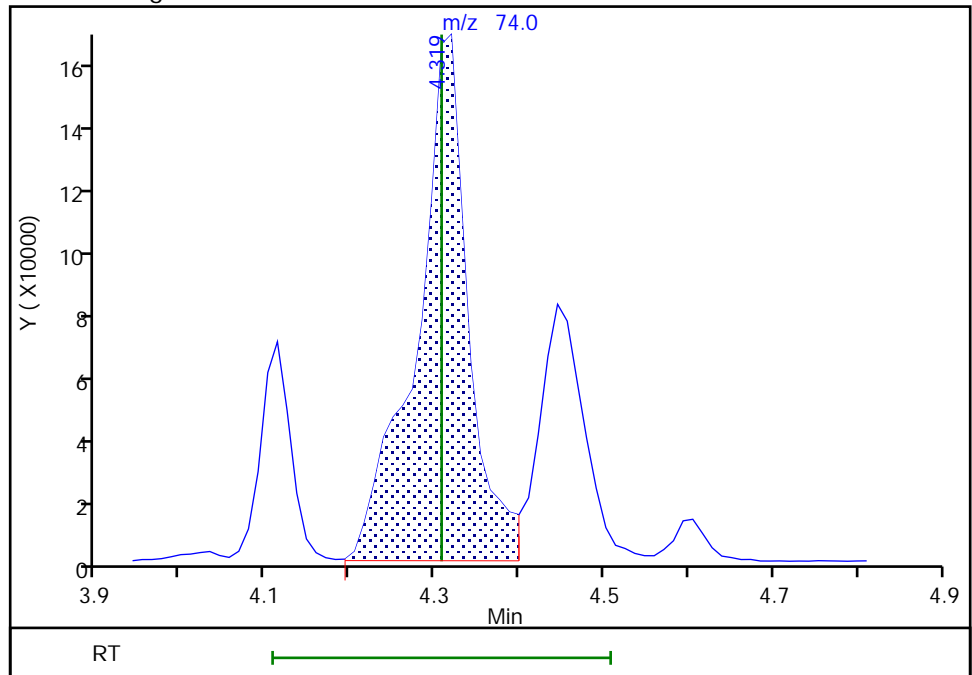
RT: 4.44
Area: 306961
Amount: 5396.8853
Amount Units: ug/l

Processing Integration Results



RT: 4.32
Area: 717033
Amount: 11788
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:04:59
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

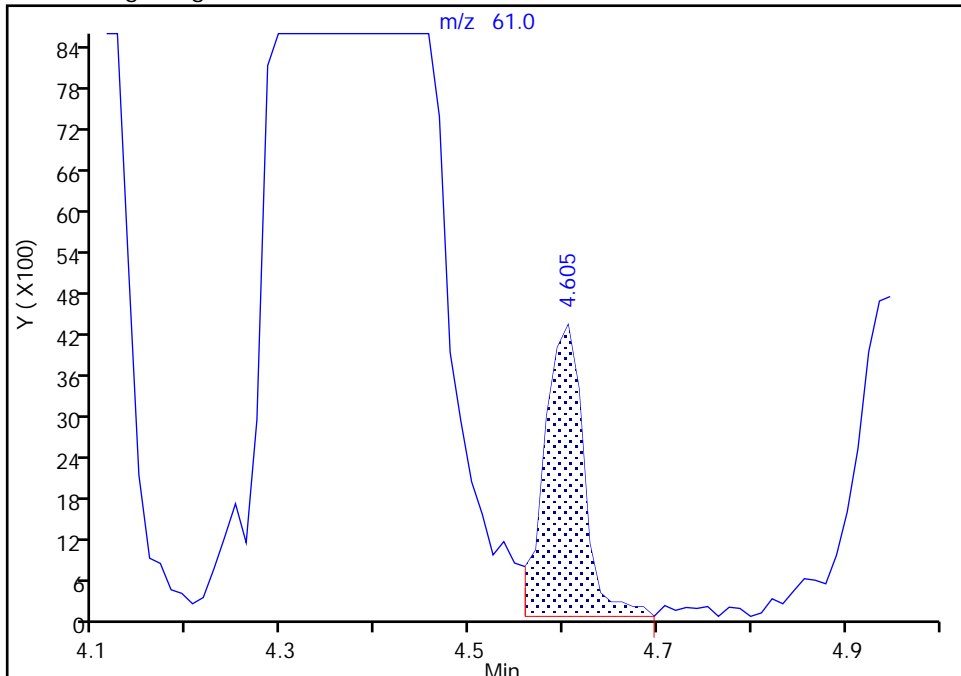
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

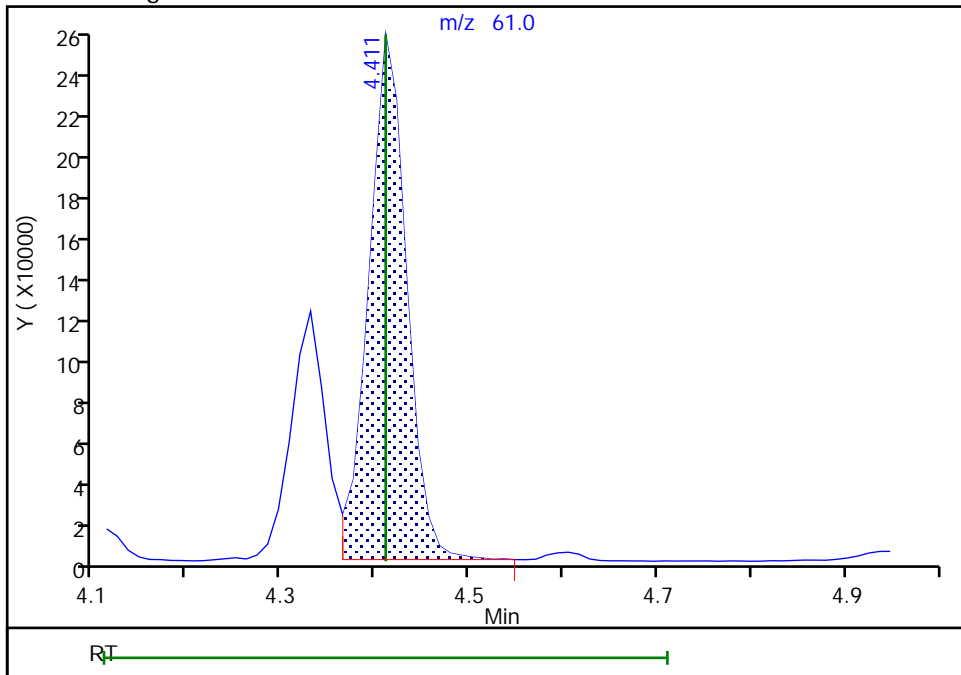
RT: 4.60
Area: 12616
Amount: 4.984880
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 701224
Amount: 490.5149
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 18-Nov-2022 21:30:22
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

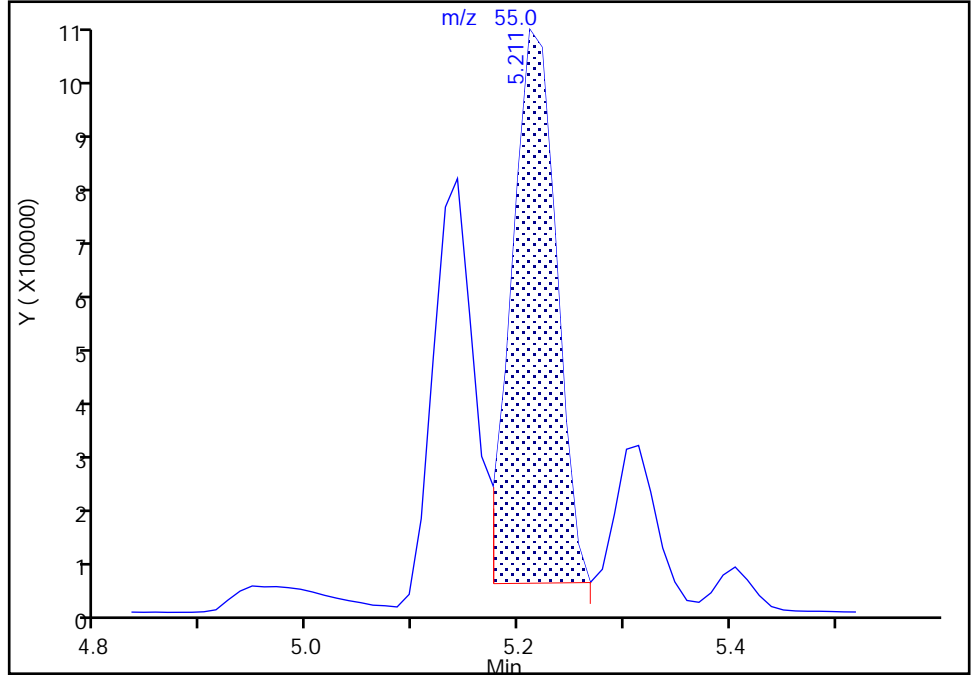
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
Injection Date: 18-Nov-2022 17:30:30 Instrument ID: CVOAMS9
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

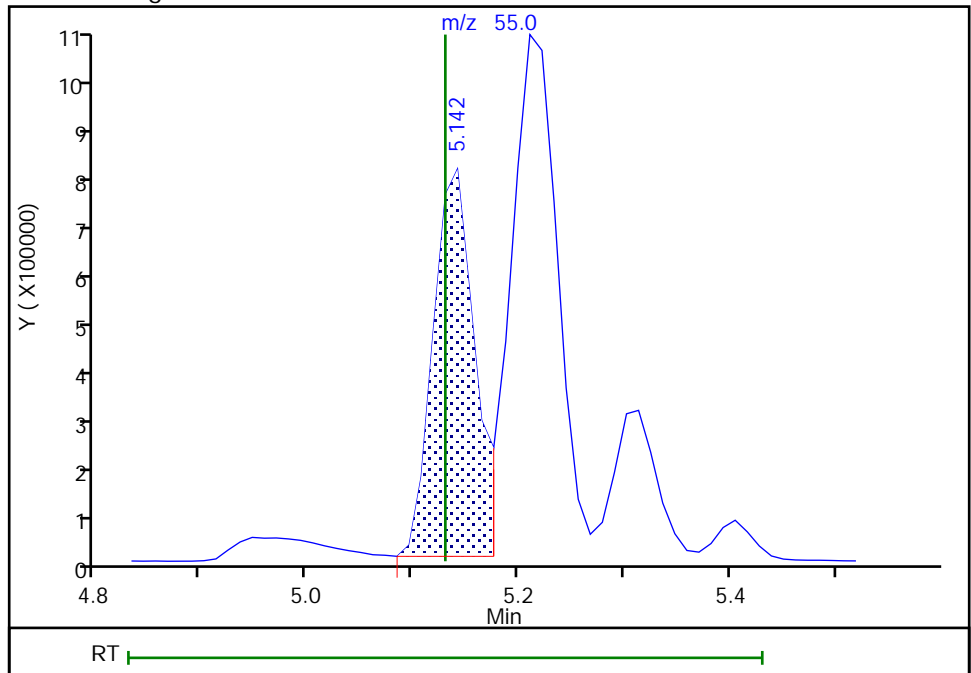
RT: 5.21
Area: 3017758
Amount: 657.6034
Amount Units: ug/l

Processing Integration Results



RT: 5.14
Area: 2214204
Amount: 529.8712
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:05:12
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

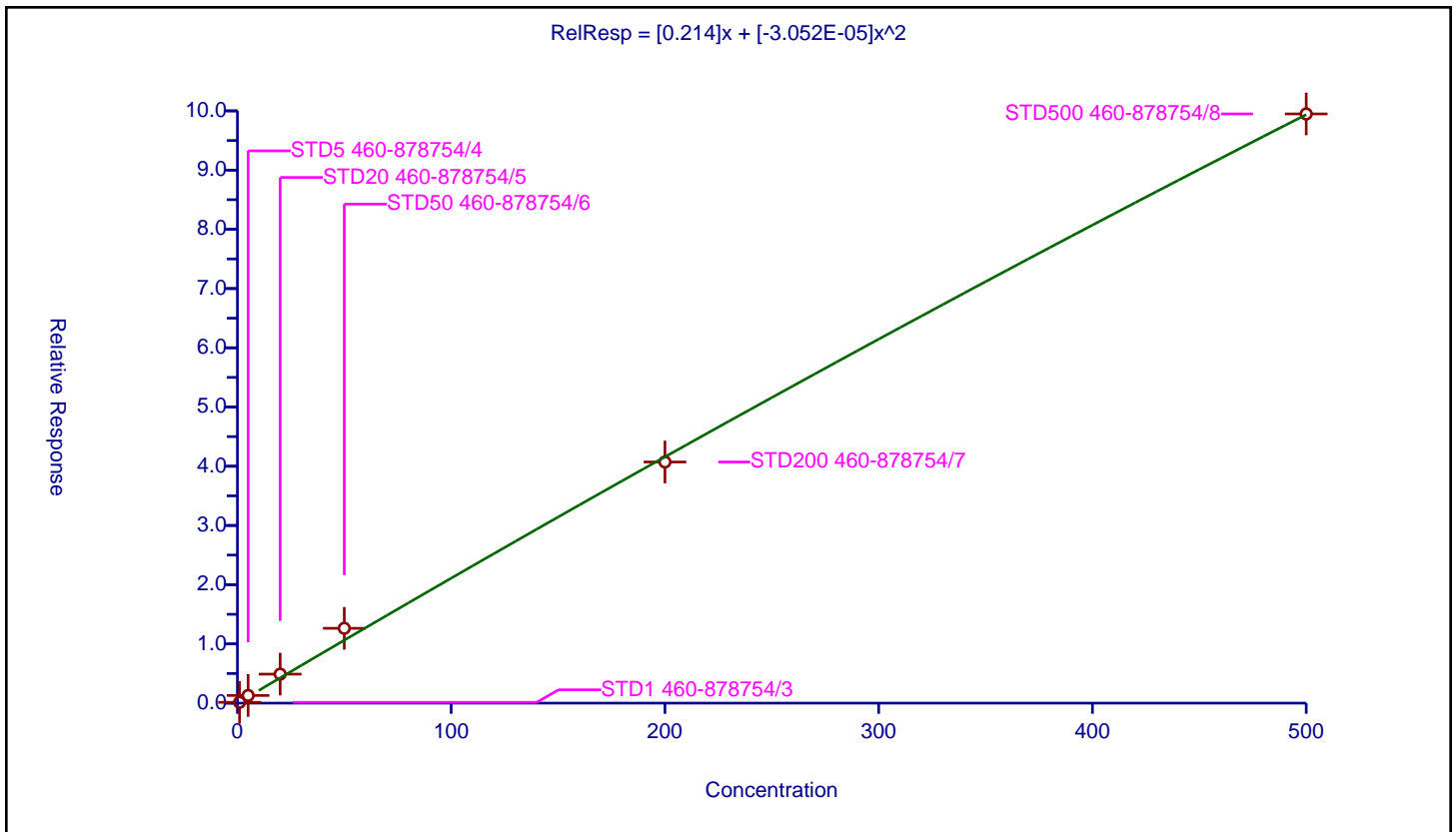
/ Chlorotrifluoroethene

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.214
Second Order:	-3.052E-05

Error Coefficients	
Standard Error:	698000
Relative Standard Error:	23.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.138302	50.0	559285.0	0.138302	Y
2	STD5 460-878754/4	5.0	1.292262	50.0	573684.0	0.258452	Y
3	STD20 460-878754/5	20.0	4.895885	50.0	592712.0	0.244794	Y
4	STD50 460-878754/6	50.0	12.636602	50.0	567799.0	0.252732	Y
5	STD200 460-878754/7	200.0	40.716244	50.0	603942.0	0.203581	Y
6	STD500 460-878754/8	500.0	99.488679	50.0	651743.0	0.198977	Y



Calibration

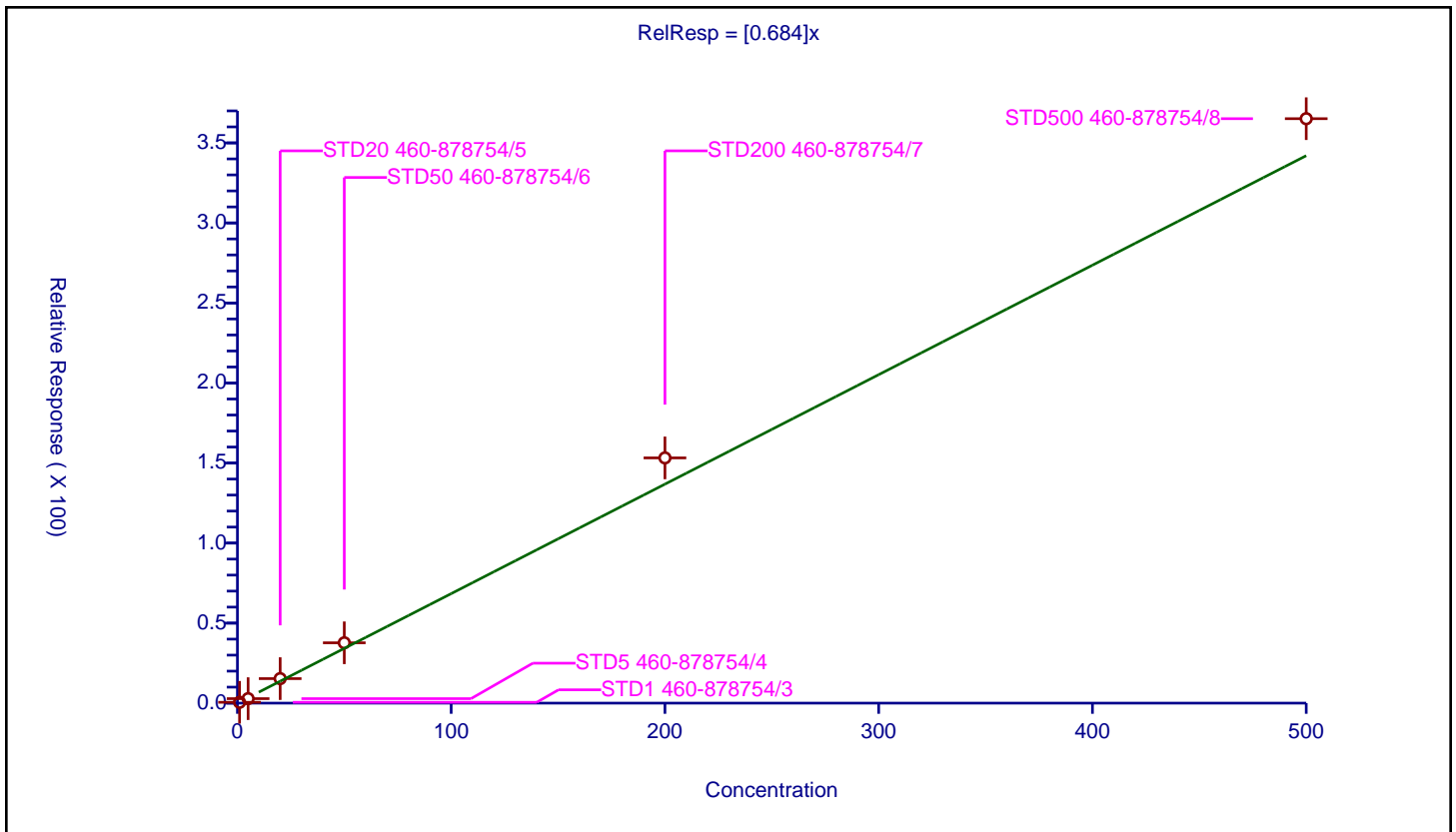
/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.684

Error Coefficients	
Standard Error:	2290000
Relative Standard Error:	16.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.527102	50.0	559285.0	0.527102	Y
2	STD5 460-878754/4	5.0	2.80407	50.0	573684.0	0.560814	Y
3	STD20 460-878754/5	20.0	15.317389	50.0	592712.0	0.765869	Y
4	STD50 460-878754/6	50.0	37.701194	50.0	567799.0	0.754024	Y
5	STD200 460-878754/7	200.0	153.206682	50.0	603942.0	0.766033	Y
6	STD500 460-878754/8	500.0	365.131425	50.0	651743.0	0.730263	Y



Calibration

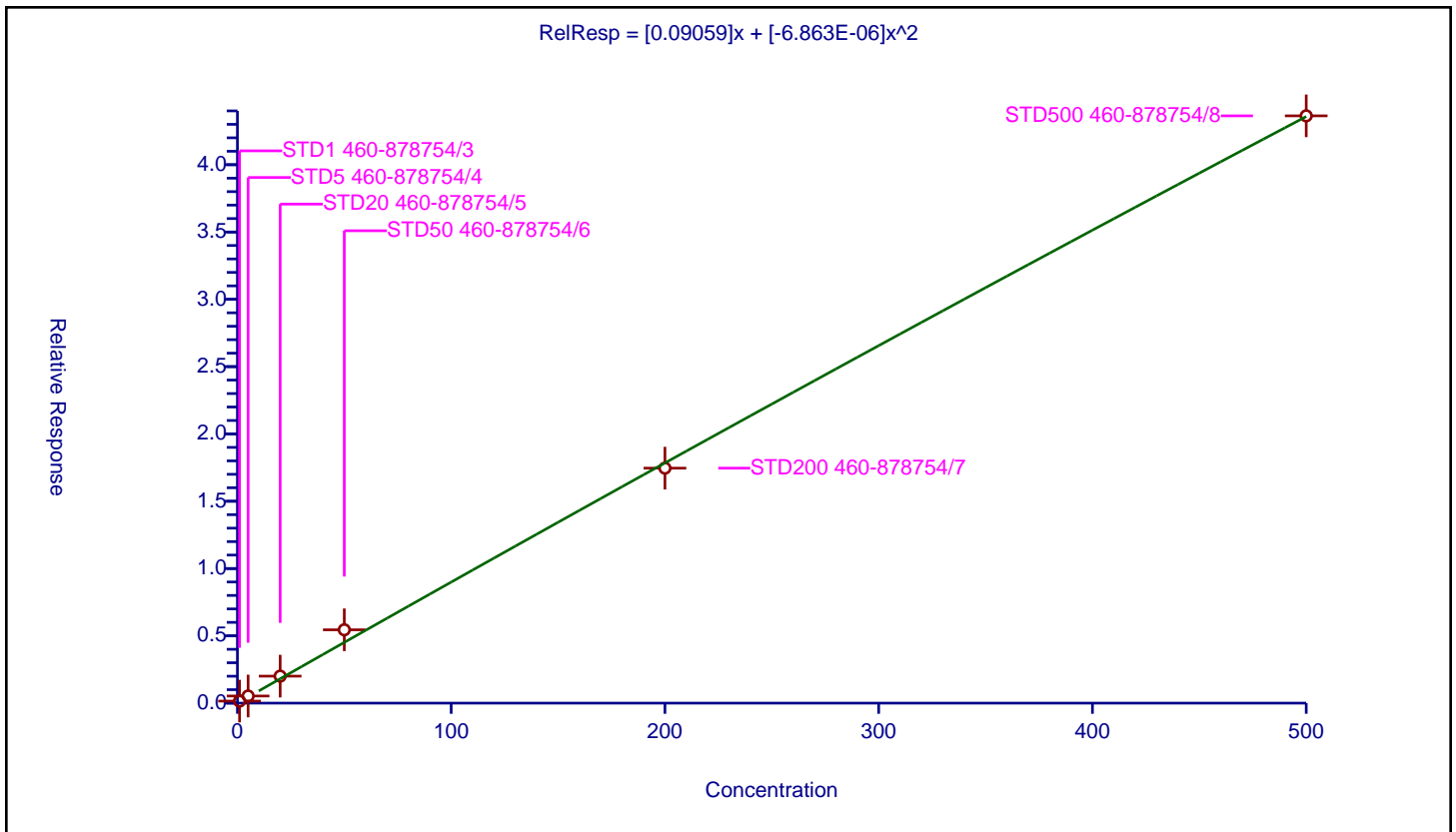
/ Chlorodifluoromethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.09059
Second Order:	-6.863E-06

Error Coefficients	
Standard Error:	305000
Relative Standard Error:	37.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.152337	50.0	559285.0	0.152337	Y
2	STD5 460-878754/4	5.0	0.529734	50.0	573684.0	0.105947	Y
3	STD20 460-878754/5	20.0	2.006286	50.0	592712.0	0.100314	Y
4	STD50 460-878754/6	50.0	5.448583	50.0	567799.0	0.108972	Y
5	STD200 460-878754/7	200.0	17.457471	50.0	603942.0	0.087287	Y
6	STD500 460-878754/8	500.0	43.632153	50.0	651743.0	0.087264	Y



Calibration

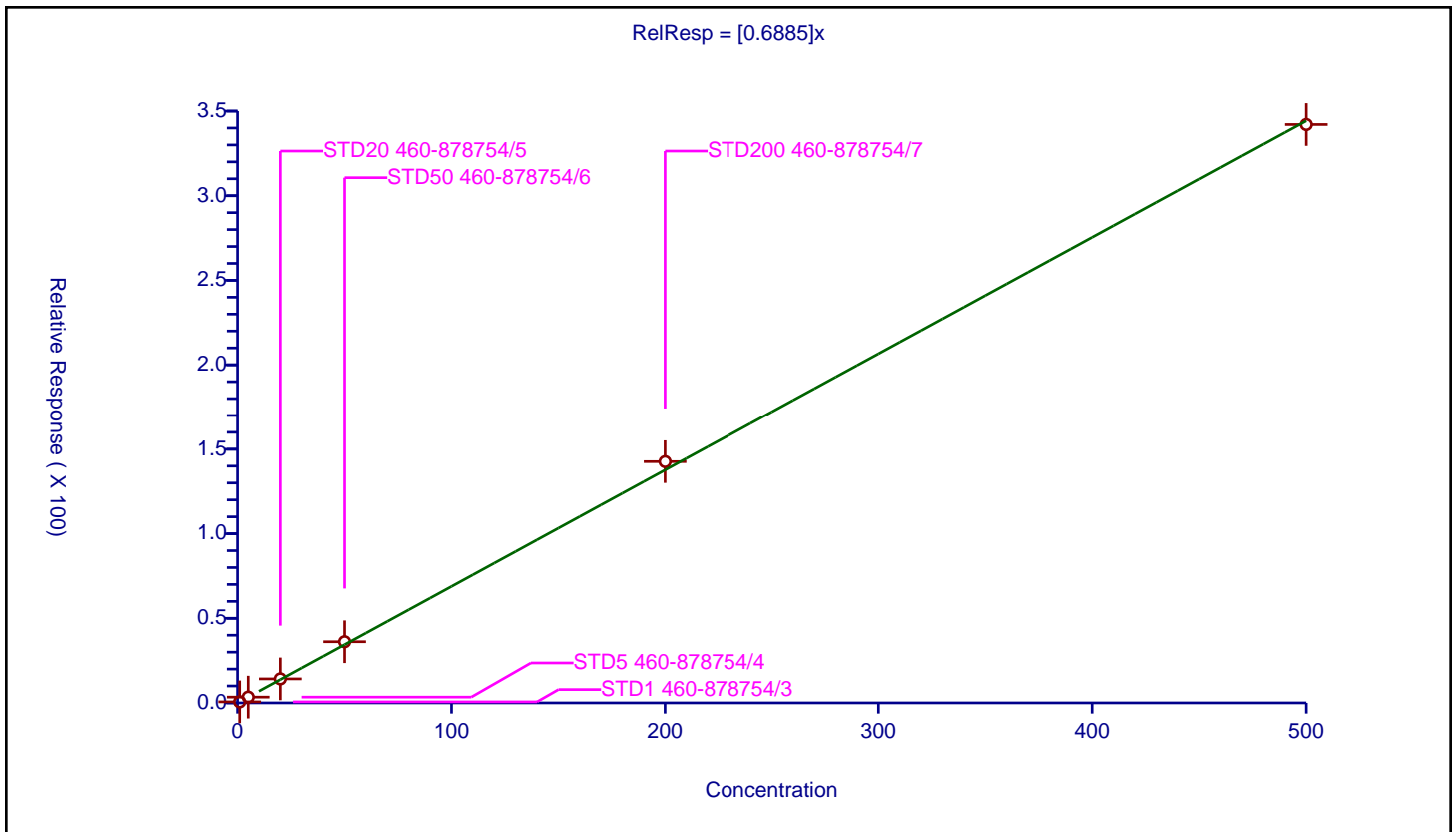
/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6885

Error Coefficients	
Standard Error:	2150000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.615518	50.0	559285.0	0.615518	Y
2	STD5 460-878754/4	5.0	3.427235	50.0	573684.0	0.685447	Y
3	STD20 460-878754/5	20.0	14.194921	50.0	592712.0	0.709746	Y
4	STD50 460-878754/6	50.0	36.145714	50.0	567799.0	0.722914	Y
5	STD200 460-878754/7	200.0	142.655835	50.0	603942.0	0.713279	Y
6	STD500 460-878754/8	500.0	342.080697	50.0	651743.0	0.684161	Y



Calibration

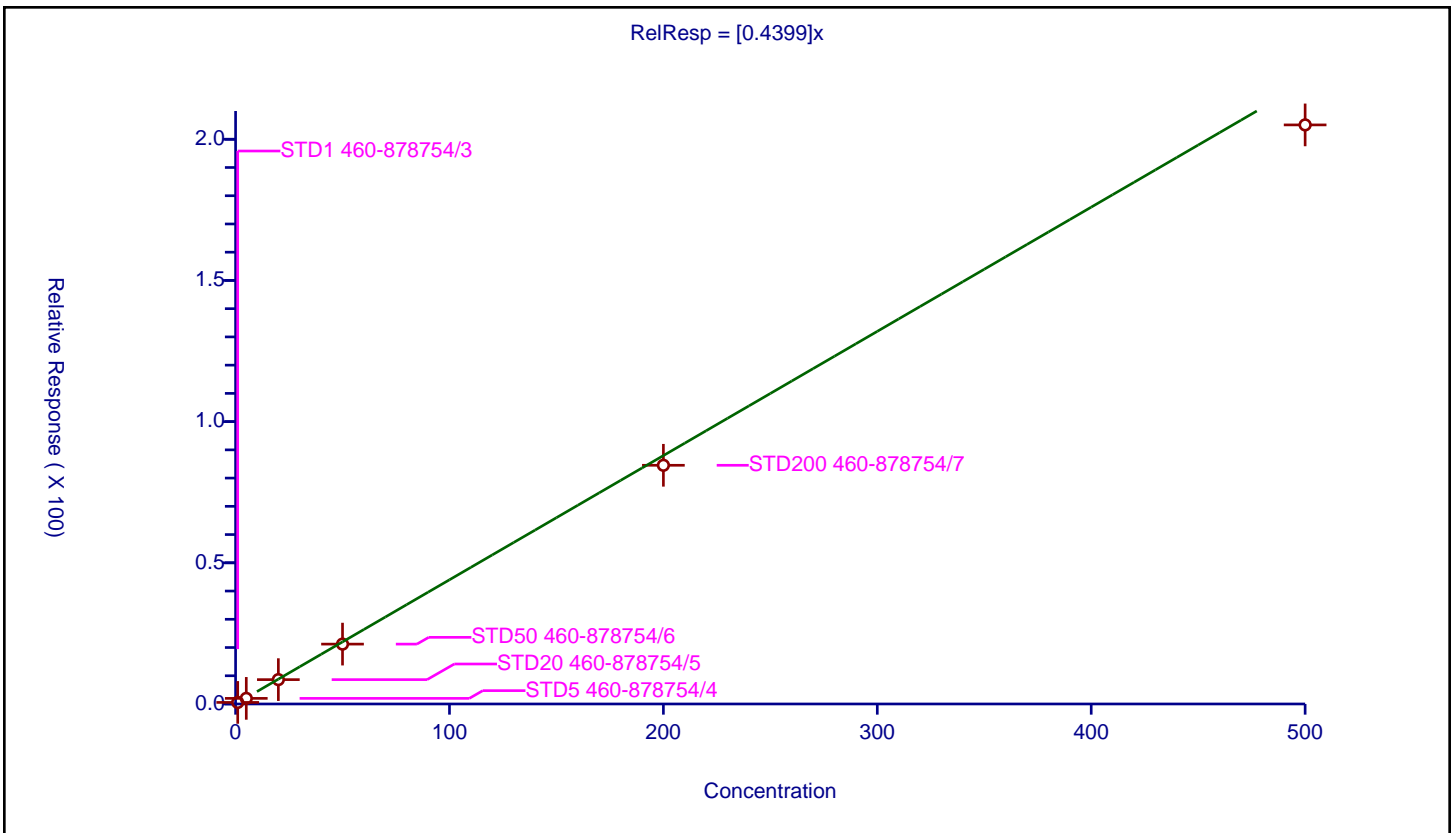
/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4399

Error Coefficients	
Standard Error:	1290000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.552491	50.0	559285.0	0.552491	Y
2	STD5 460-878754/4	5.0	1.99256	50.0	573684.0	0.398512	Y
3	STD20 460-878754/5	20.0	8.627968	50.0	592712.0	0.431398	Y
4	STD50 460-878754/6	50.0	21.201869	50.0	567799.0	0.424037	Y
5	STD200 460-878754/7	200.0	84.537671	50.0	603942.0	0.422688	Y
6	STD500 460-878754/8	500.0	205.081297	50.0	651743.0	0.410163	Y



Calibration

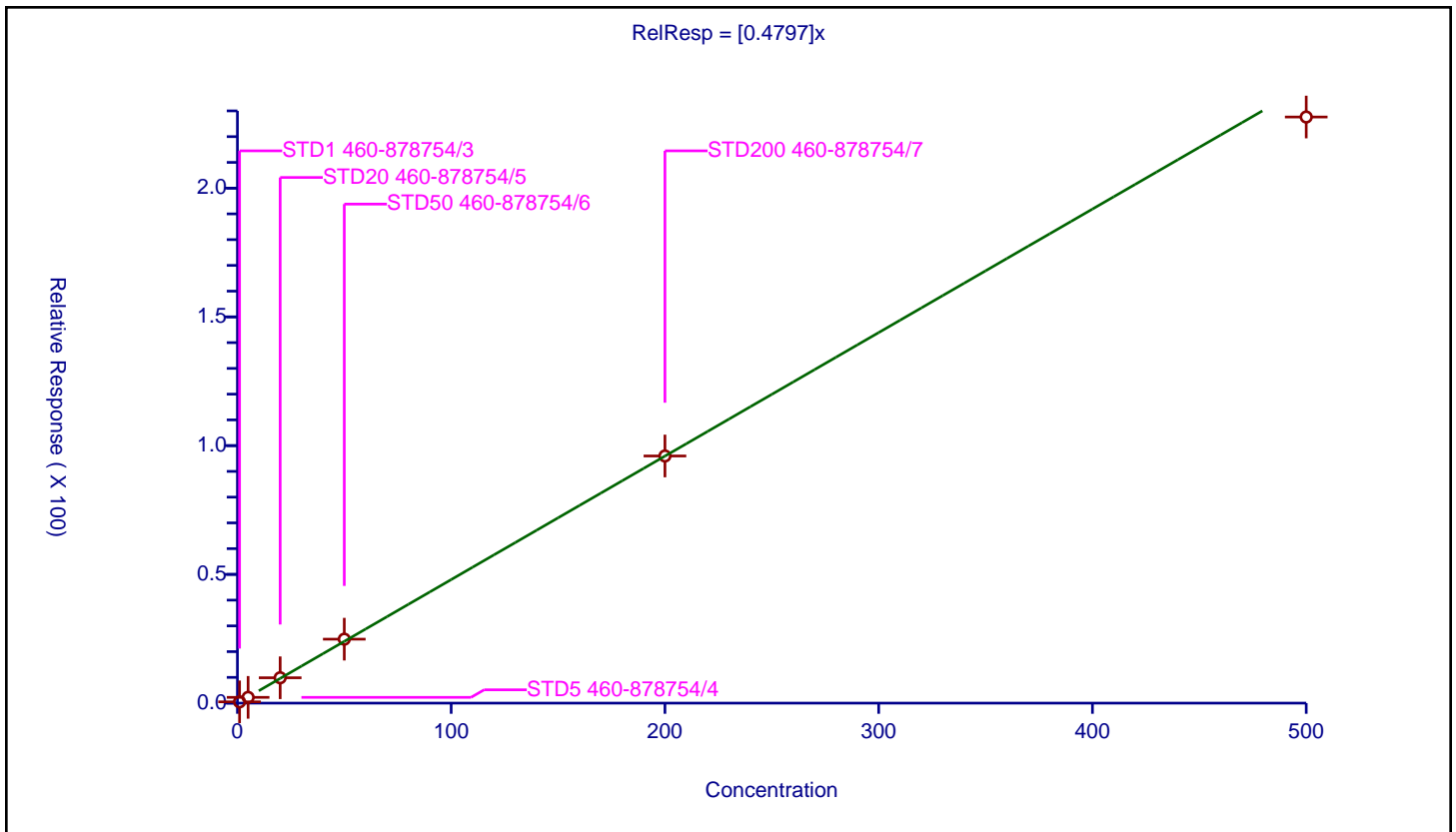
/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4797

Error Coefficients	
Standard Error:	1430000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.504752	50.0	559285.0	0.504752	Y
2	STD5 460-878754/4	5.0	2.244267	50.0	573684.0	0.448853	Y
3	STD20 460-878754/5	20.0	9.849893	50.0	592712.0	0.492495	Y
4	STD50 460-878754/6	50.0	24.842506	50.0	567799.0	0.49685	Y
5	STD200 460-878754/7	200.0	95.982561	50.0	603942.0	0.479913	Y
6	STD500 460-878754/8	500.0	227.615947	50.0	651743.0	0.455232	Y



Calibration

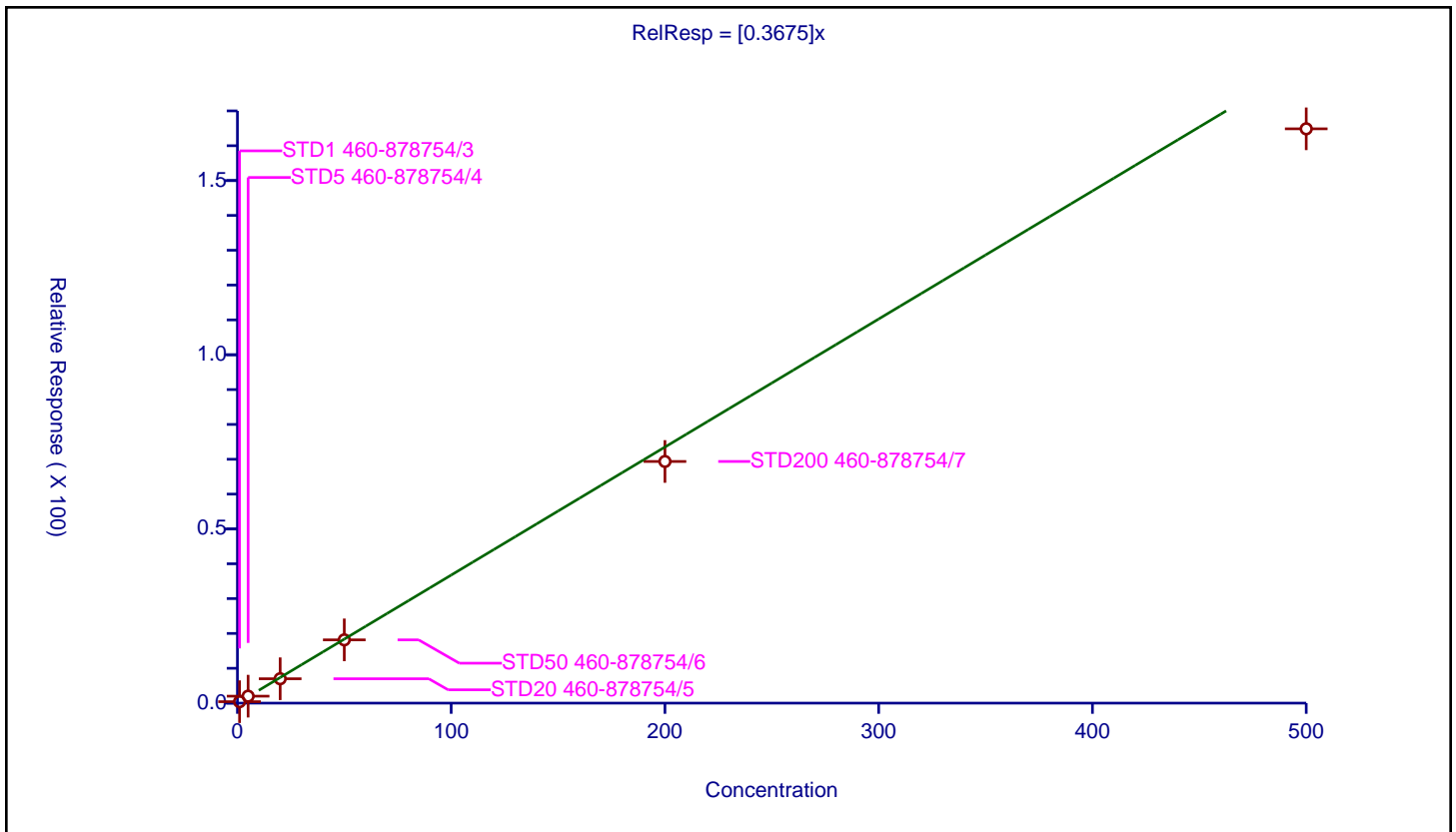
/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3675

Error Coefficients	
Standard Error:	1040000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.416335	50.0	559285.0	0.416335	Y
2	STD5 460-878754/4	5.0	1.995785	50.0	573684.0	0.399157	Y
3	STD20 460-878754/5	20.0	6.99893	50.0	592712.0	0.349947	Y
4	STD50 460-878754/6	50.0	18.162325	50.0	567799.0	0.363247	Y
5	STD200 460-878754/7	200.0	69.364194	50.0	603942.0	0.346821	Y
6	STD500 460-878754/8	500.0	164.85179	50.0	651743.0	0.329704	Y



Calibration

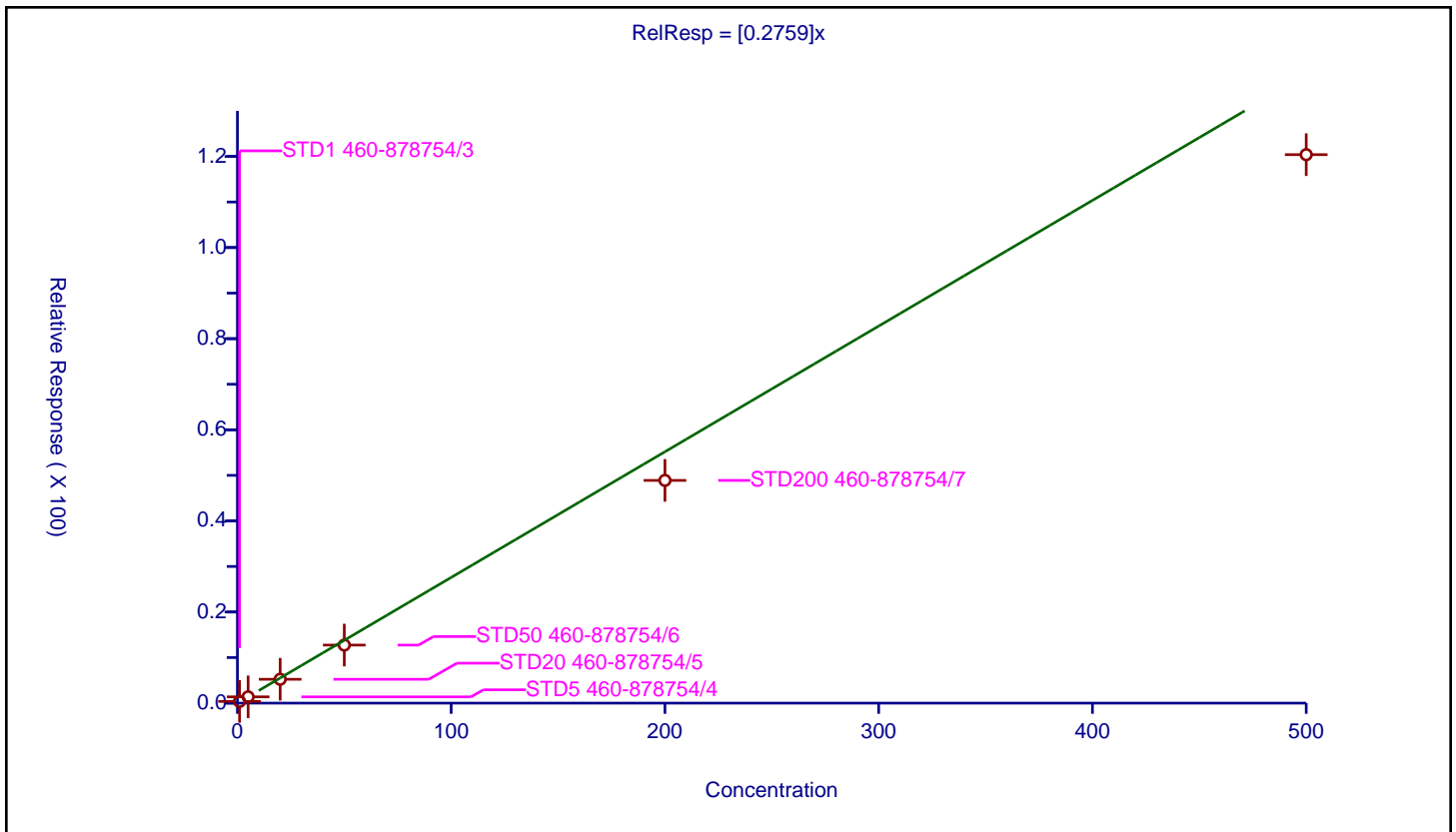
/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2759

Error Coefficients	
Standard Error:	753000
Relative Standard Error:	18.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.951

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.37834	50.0	559285.0	0.37834	Y
2	STD5 460-878754/4	5.0	1.375322	50.0	573684.0	0.275064	Y
3	STD20 460-878754/5	20.0	5.235595	50.0	592712.0	0.26178	Y
4	STD50 460-878754/6	50.0	12.743682	50.0	567799.0	0.254874	Y
5	STD200 460-878754/7	200.0	48.890042	50.0	603942.0	0.24445	Y
6	STD500 460-878754/8	500.0	120.394695	50.0	651743.0	0.240789	Y



Calibration

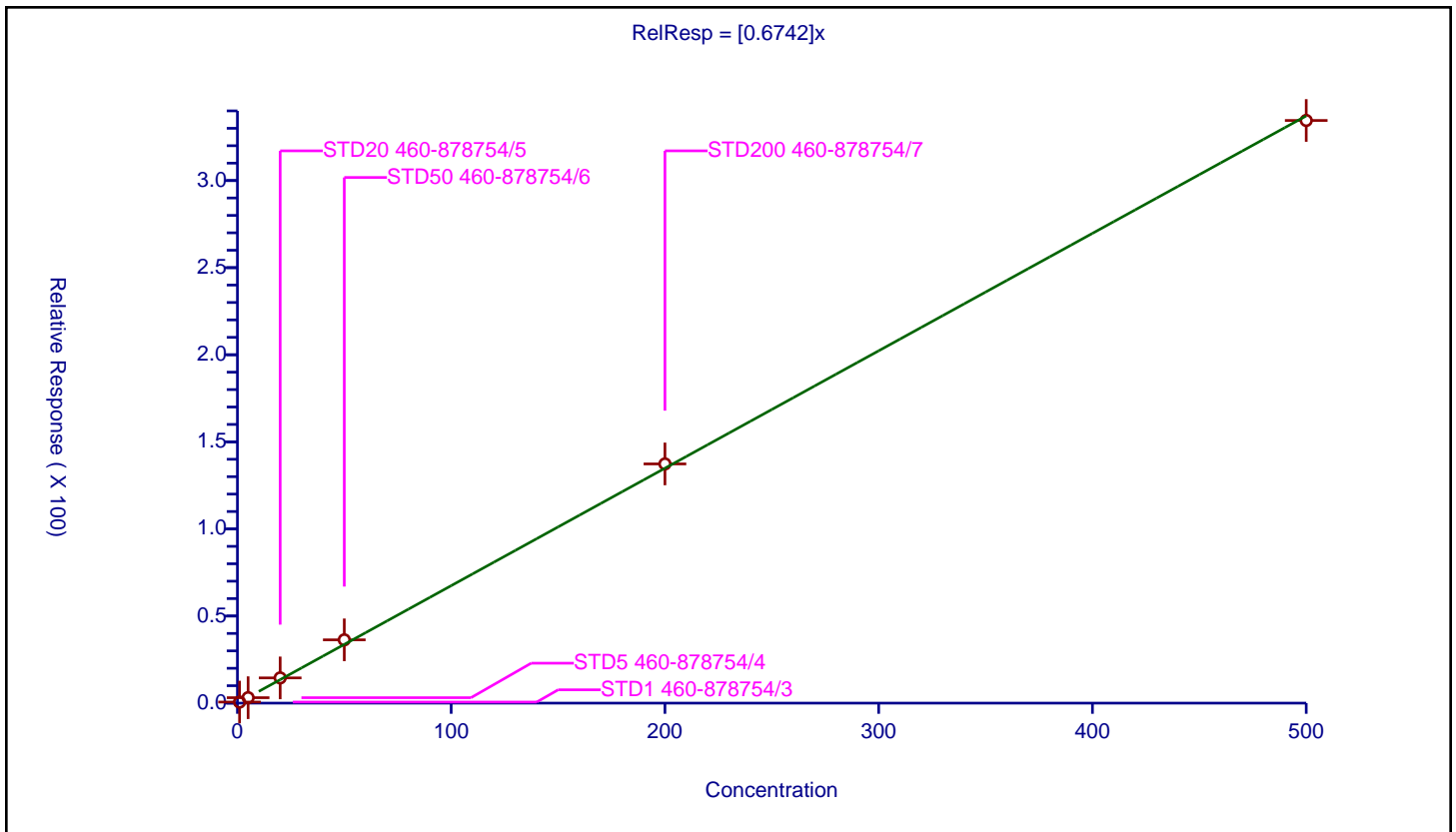
/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6742

Error Coefficients	
Standard Error:	2100000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.614624	50.0	559285.0	0.614624	Y
2	STD5 460-878754/4	5.0	3.123148	50.0	573684.0	0.62463	Y
3	STD20 460-878754/5	20.0	14.480135	50.0	592712.0	0.724007	Y
4	STD50 460-878754/6	50.0	36.330638	50.0	567799.0	0.726613	Y
5	STD200 460-878754/7	200.0	137.32312	50.0	603942.0	0.686616	Y
6	STD500 460-878754/8	500.0	334.489285	50.0	651743.0	0.668979	Y



Calibration

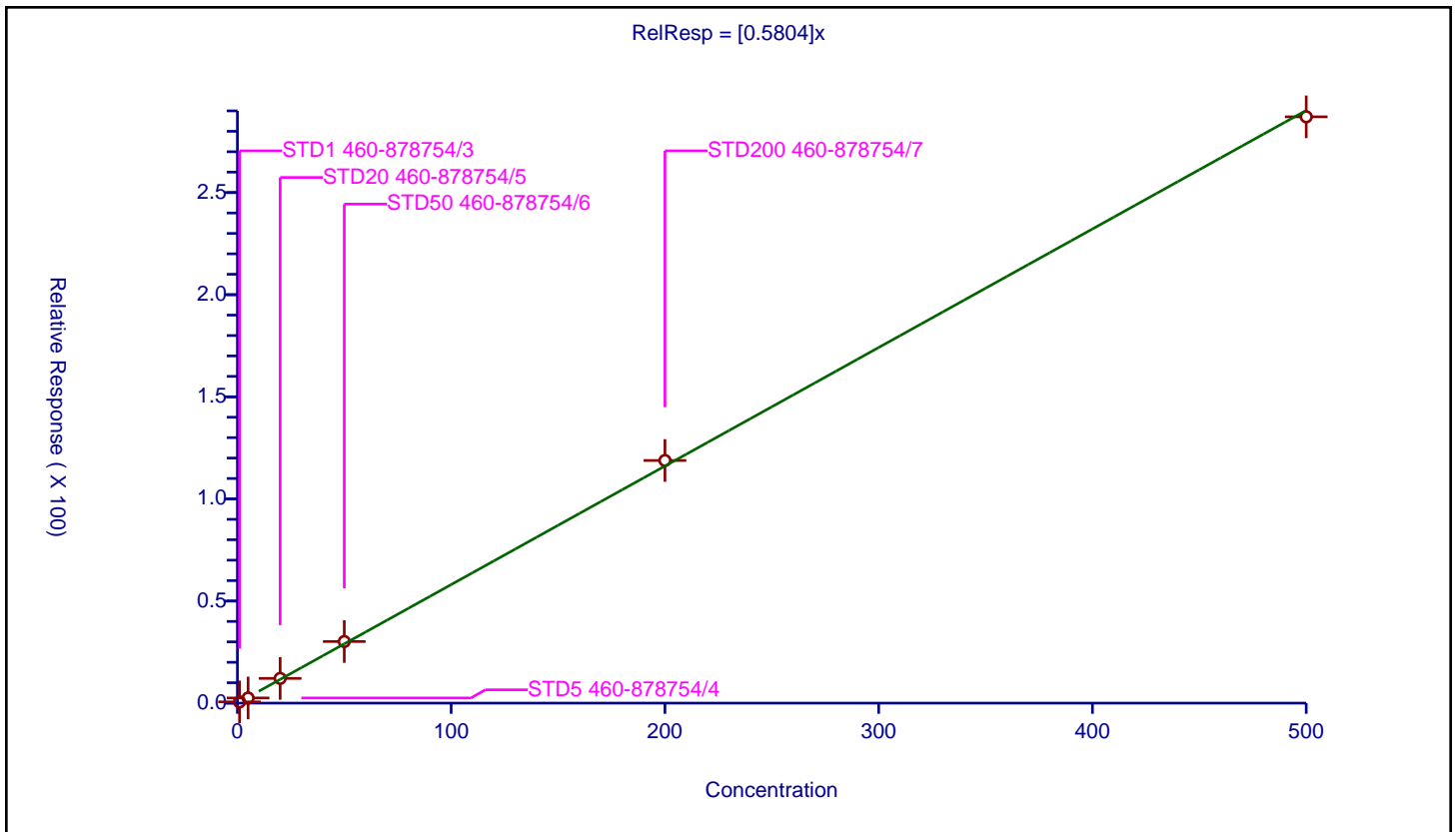
/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5804

Error Coefficients	
Standard Error:	1800000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.599962	50.0	559285.0	0.599962	Y
2	STD5 460-878754/4	5.0	2.52735	50.0	573684.0	0.50547	Y
3	STD20 460-878754/5	20.0	12.109422	50.0	592712.0	0.605471	Y
4	STD50 460-878754/6	50.0	30.173177	50.0	567799.0	0.603464	Y
5	STD200 460-878754/7	200.0	118.820268	50.0	603942.0	0.594101	Y
6	STD500 460-878754/8	500.0	287.093686	50.0	651743.0	0.574187	Y



Calibration

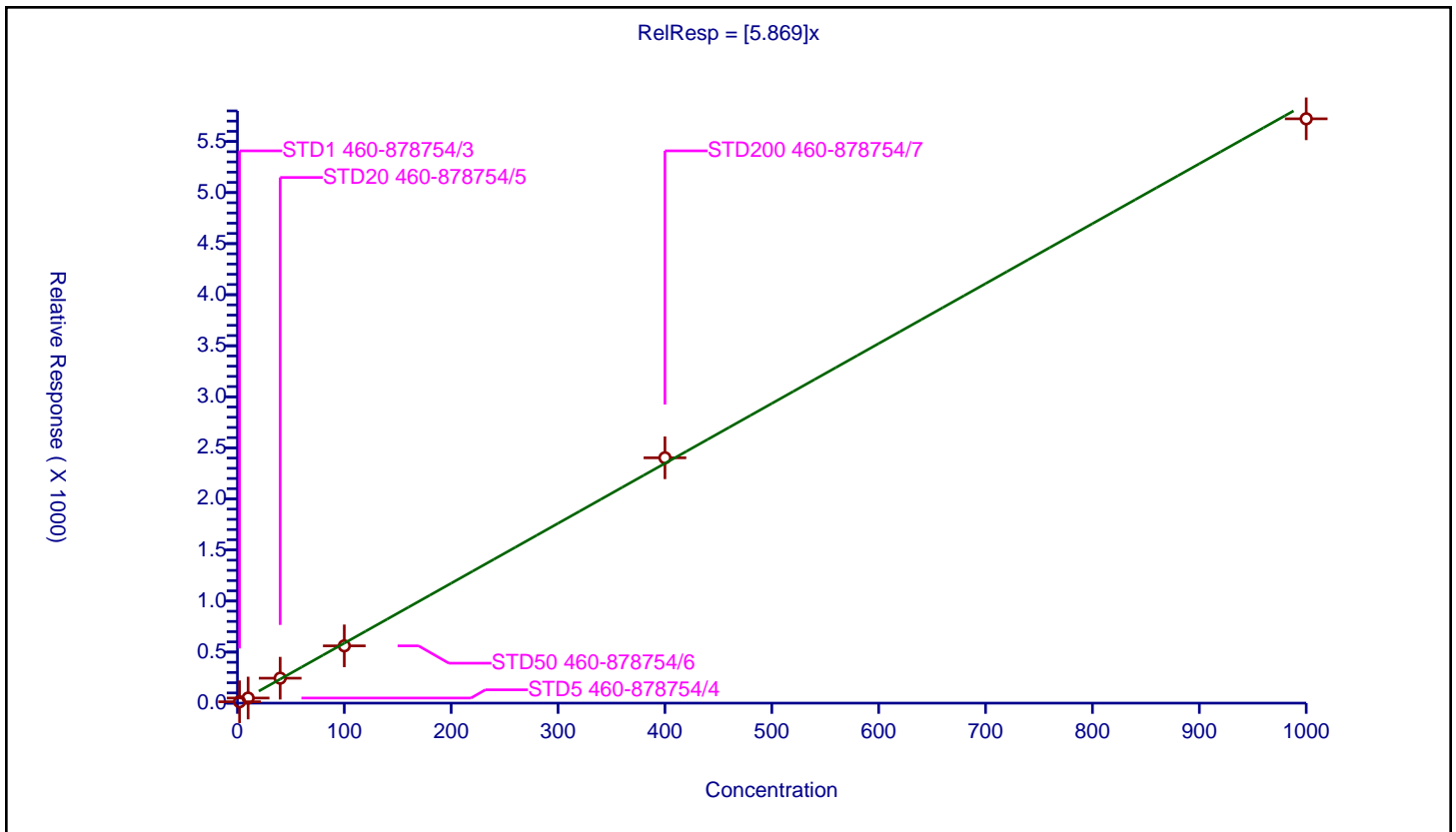
/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	5.869

Error Coefficients	
Standard Error:	366000
Relative Standard Error:	10.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	13.544802	1000.0	112294.0	6.772401	Y
2	STD5 460-878754/4	10.0	49.978569	1000.0	111988.0	4.997857	Y
3	STD20 460-878754/5	40.0	244.364969	1000.0	114640.0	6.109124	Y
4	STD50 460-878754/6	100.0	560.806916	1000.0	117980.0	5.608069	Y
5	STD200 460-878754/7	400.0	2402.754454	1000.0	118499.0	6.006886	Y
6	STD500 460-878754/8	1000.0	5722.472169	1000.0	134473.0	5.722472	Y



Calibration

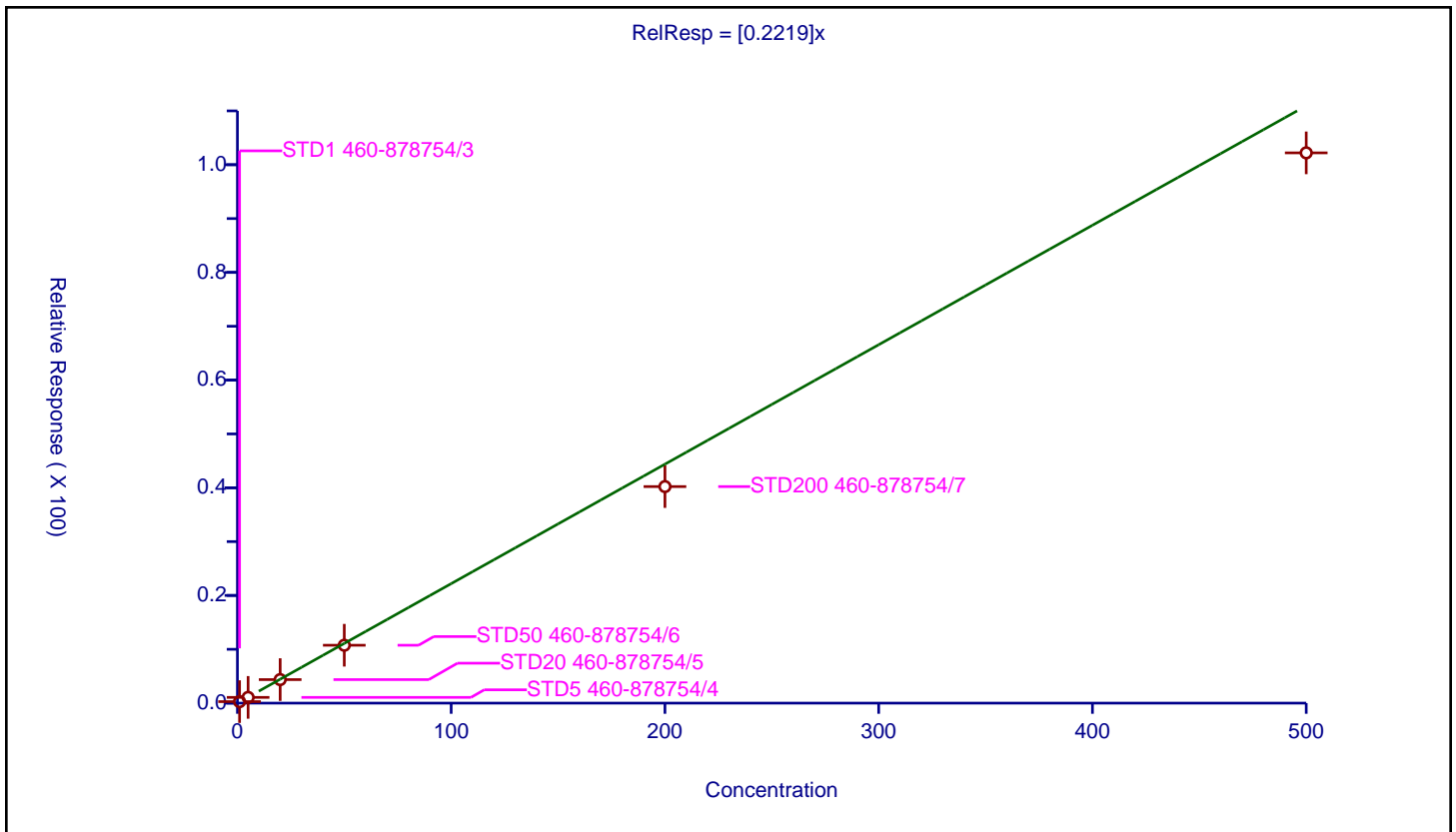
/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2219

Error Coefficients	
Standard Error:	637000
Relative Standard Error:	13.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.279375	50.0	559285.0	0.279375	Y
2	STD5 460-878754/4	5.0	1.065133	50.0	573684.0	0.213027	Y
3	STD20 460-878754/5	20.0	4.368648	50.0	592712.0	0.218432	Y
4	STD50 460-878754/6	50.0	10.751164	50.0	567799.0	0.215023	Y
5	STD200 460-878754/7	200.0	40.219839	50.0	603942.0	0.201099	Y
6	STD500 460-878754/8	500.0	102.205701	50.0	651743.0	0.204411	Y



Calibration

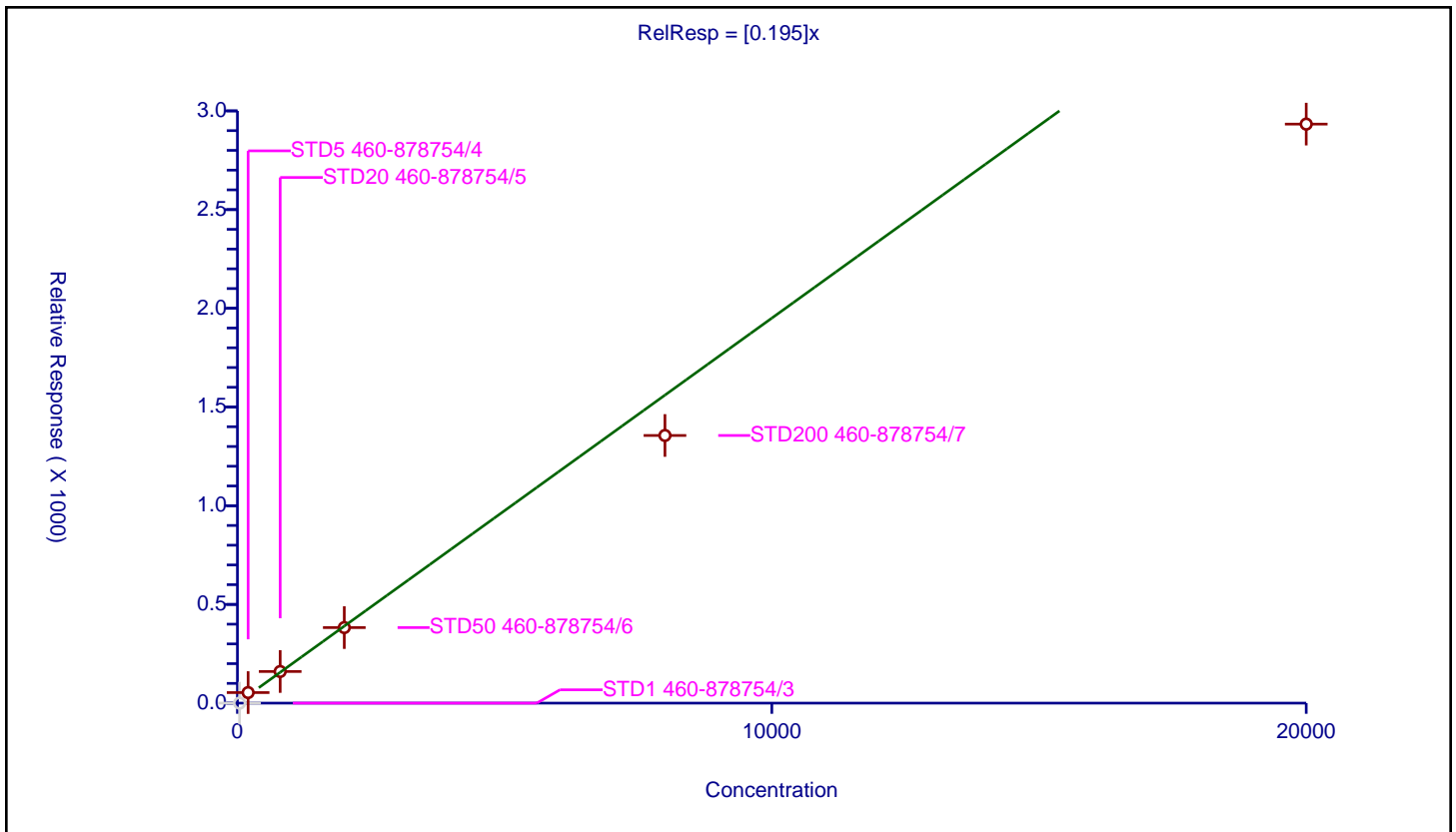
/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.195

Error Coefficients	
Standard Error:	212000
Relative Standard Error:	23.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.908

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	40.0	0.0	1000.0	112294.0	0.0	N
2	STD5 460-878754/4	200.0	53.461085	1000.0	111988.0	0.267305	Y
3	STD20 460-878754/5	800.0	160.266923	1000.0	114640.0	0.200334	Y
4	STD50 460-878754/6	2000.0	382.691982	1000.0	117980.0	0.191346	Y
5	STD200 460-878754/7	8000.0	1355.834226	1000.0	118499.0	0.169479	Y
6	STD500 460-878754/8	20000.0	2933.027448	1000.0	134473.0	0.146651	Y



Calibration

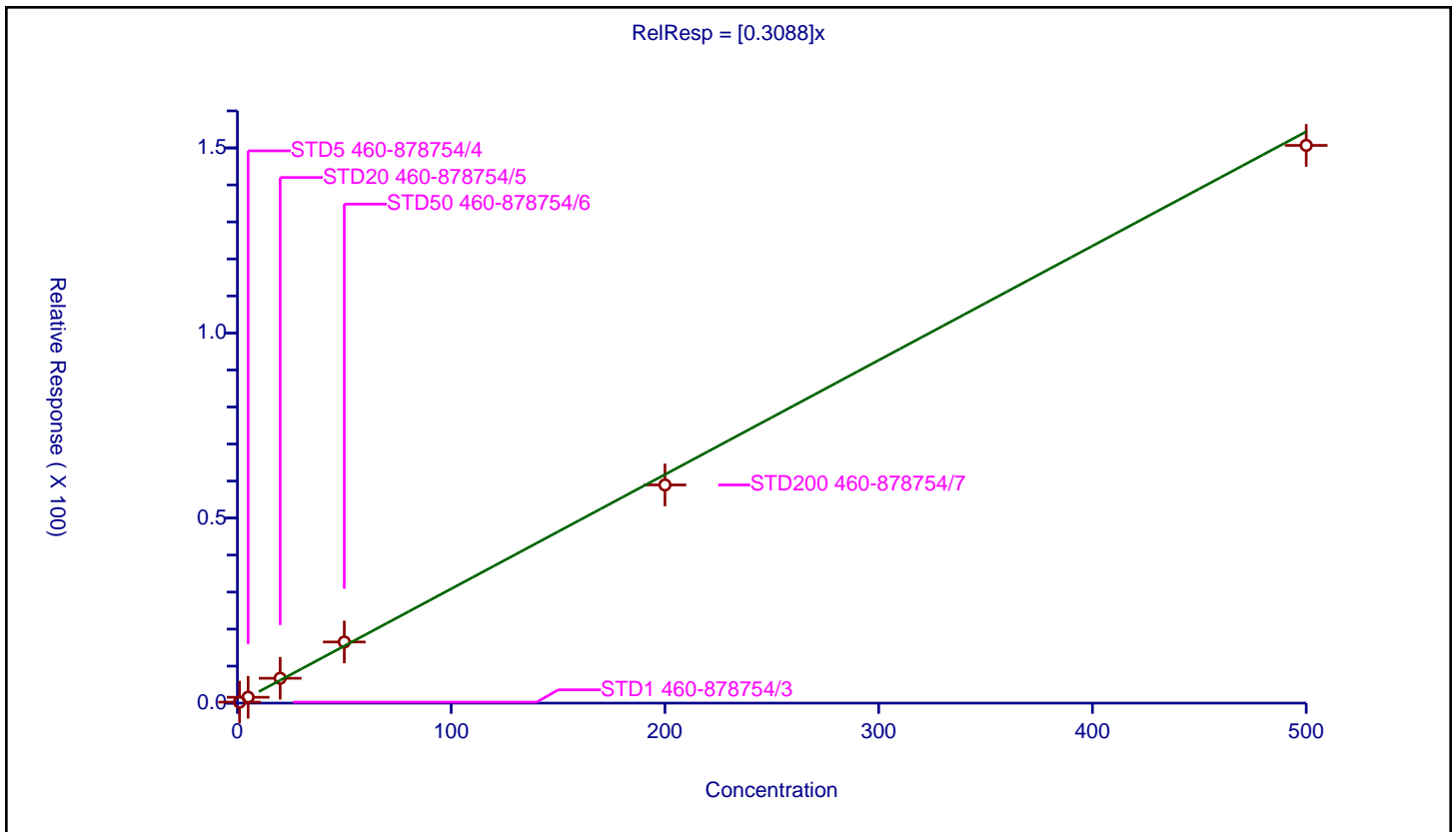
/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3088

Error Coefficients	
Standard Error:	939000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.272848	50.0	559285.0	0.272848	Y
2	STD5 460-878754/4	5.0	1.587459	50.0	573684.0	0.317492	Y
3	STD20 460-878754/5	20.0	6.719199	50.0	592712.0	0.33596	Y
4	STD50 460-878754/6	50.0	16.514999	50.0	567799.0	0.3303	Y
5	STD200 460-878754/7	200.0	58.95086	50.0	603942.0	0.294754	Y
6	STD500 460-878754/8	500.0	150.682478	50.0	651743.0	0.301365	Y



Calibration

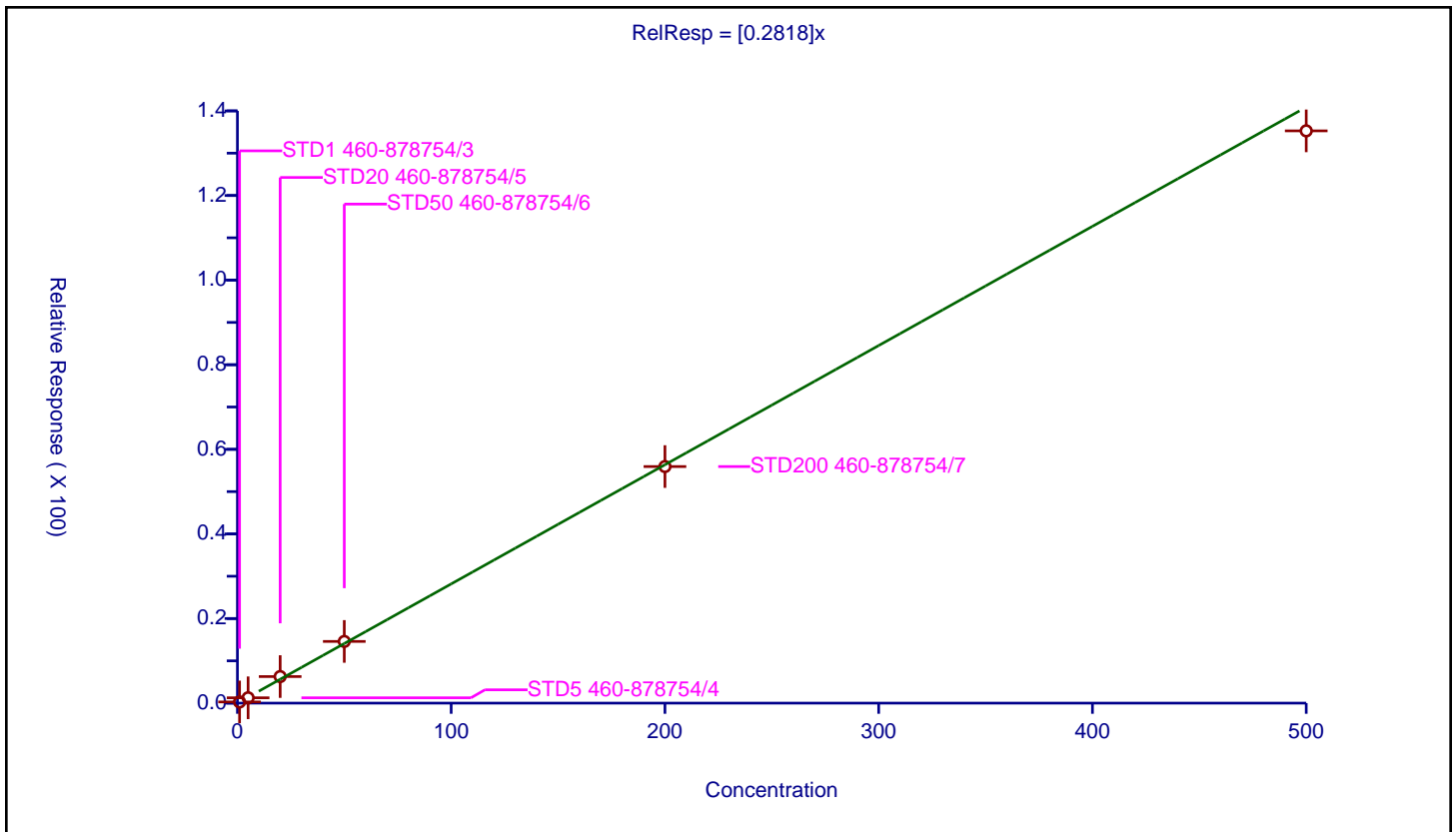
/ 2-Methyl-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2818

Error Coefficients	
Standard Error:	848000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.282861	50.0	559285.0	0.282861	Y
2	STD5 460-878754/4	5.0	1.259927	50.0	573684.0	0.251985	Y
3	STD20 460-878754/5	20.0	6.278597	50.0	592712.0	0.31393	Y
4	STD50 460-878754/6	50.0	14.584562	50.0	567799.0	0.291691	Y
5	STD200 460-878754/7	200.0	55.920933	50.0	603942.0	0.279605	Y
6	STD500 460-878754/8	500.0	135.274871	50.0	651743.0	0.27055	Y



Calibration

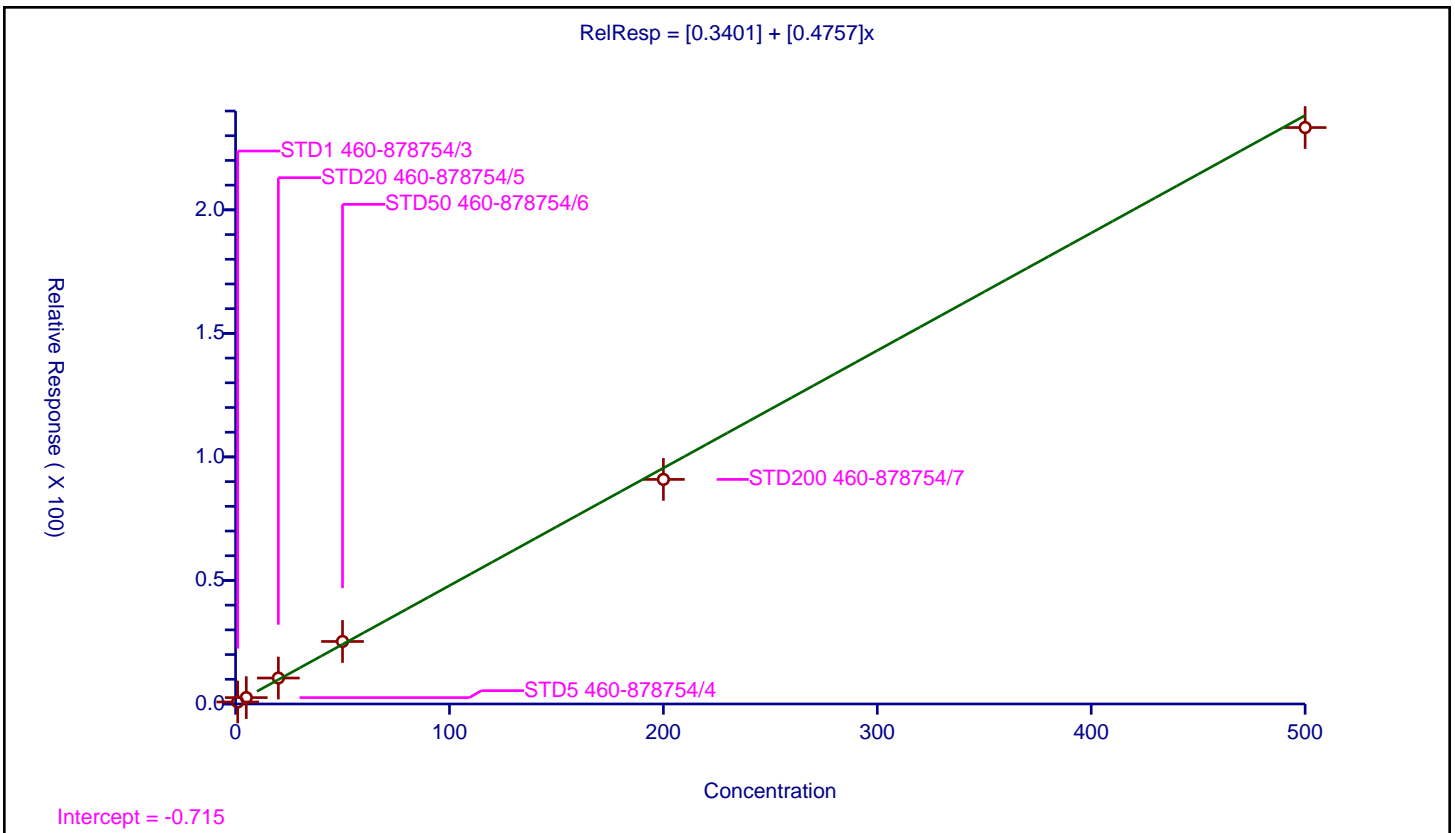
/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.3401
Slope:	0.4757

Error Coefficients	
Standard Error:	1620000
Relative Standard Error:	5.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.81926	50.0	559285.0	0.81926	Y
2	STD5 460-878754/4	5.0	2.583565	50.0	573684.0	0.516713	Y
3	STD20 460-878754/5	20.0	10.50991	50.0	592712.0	0.525496	Y
4	STD50 460-878754/6	50.0	25.307811	50.0	567799.0	0.506156	Y
5	STD200 460-878754/7	200.0	90.895897	50.0	603942.0	0.454479	Y
6	STD500 460-878754/8	500.0	233.313515	50.0	651743.0	0.466627	Y



Calibration

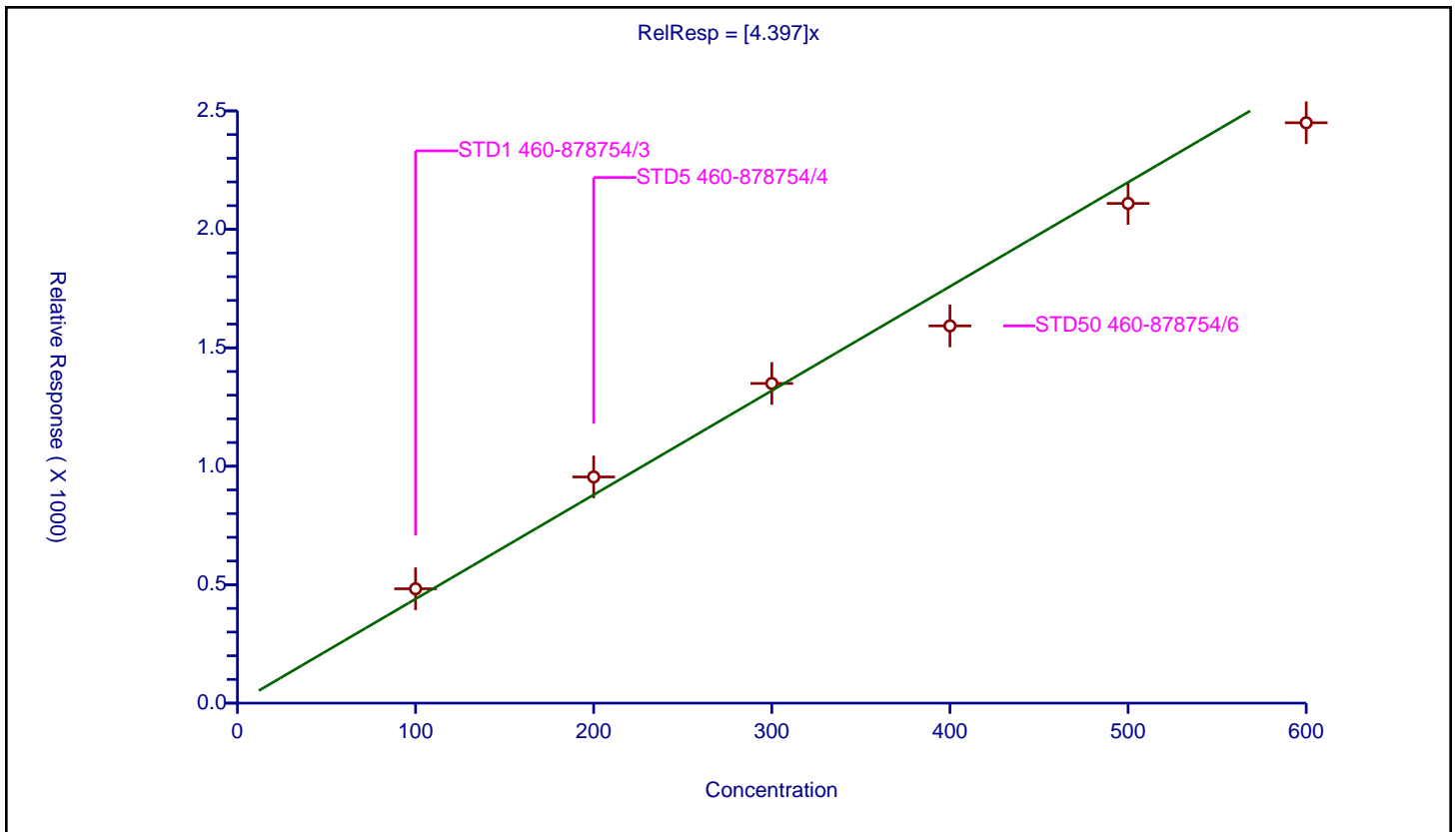
/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.397

Error Coefficients	
Standard Error:	219000
Relative Standard Error:	8.1
Correlation Coefficient:	0.984
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	100.0	482.741732	1000.0	112294.0	4.827417	Y
2	STD5 460-878754/4	200.0	954.825517	1000.0	111988.0	4.774128	Y
3	STD20 460-878754/5	300.0	1349.520237	1000.0	114640.0	4.498401	Y
4	STD50 460-878754/6	400.0	1592.481777	1000.0	117980.0	3.981204	Y
5	STD200 460-878754/7	500.0	2109.342695	1000.0	118499.0	4.218685	Y
6	STD500 460-878754/8	600.0	2449.904442	1000.0	134473.0	4.083174	Y



Calibration

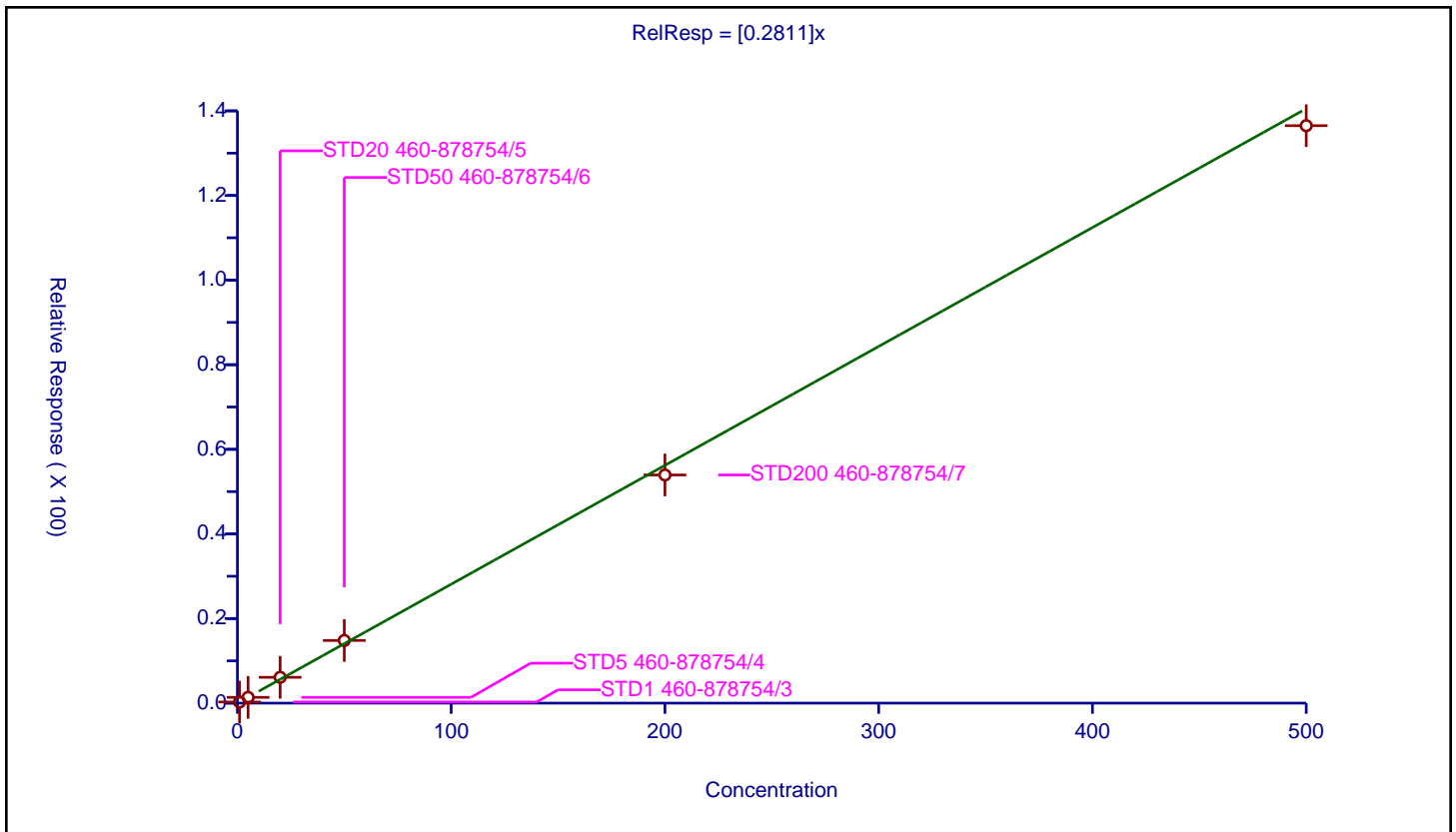
/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2811

Error Coefficients	
Standard Error:	851000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.269094	50.0	559285.0	0.269094	Y
2	STD5 460-878754/4	5.0	1.364863	50.0	573684.0	0.272973	Y
3	STD20 460-878754/5	20.0	6.106929	50.0	592712.0	0.305346	Y
4	STD50 460-878754/6	50.0	14.814573	50.0	567799.0	0.296291	Y
5	STD200 460-878754/7	200.0	53.933076	50.0	603942.0	0.269665	Y
6	STD500 460-878754/8	500.0	136.508486	50.0	651743.0	0.273017	Y



Calibration

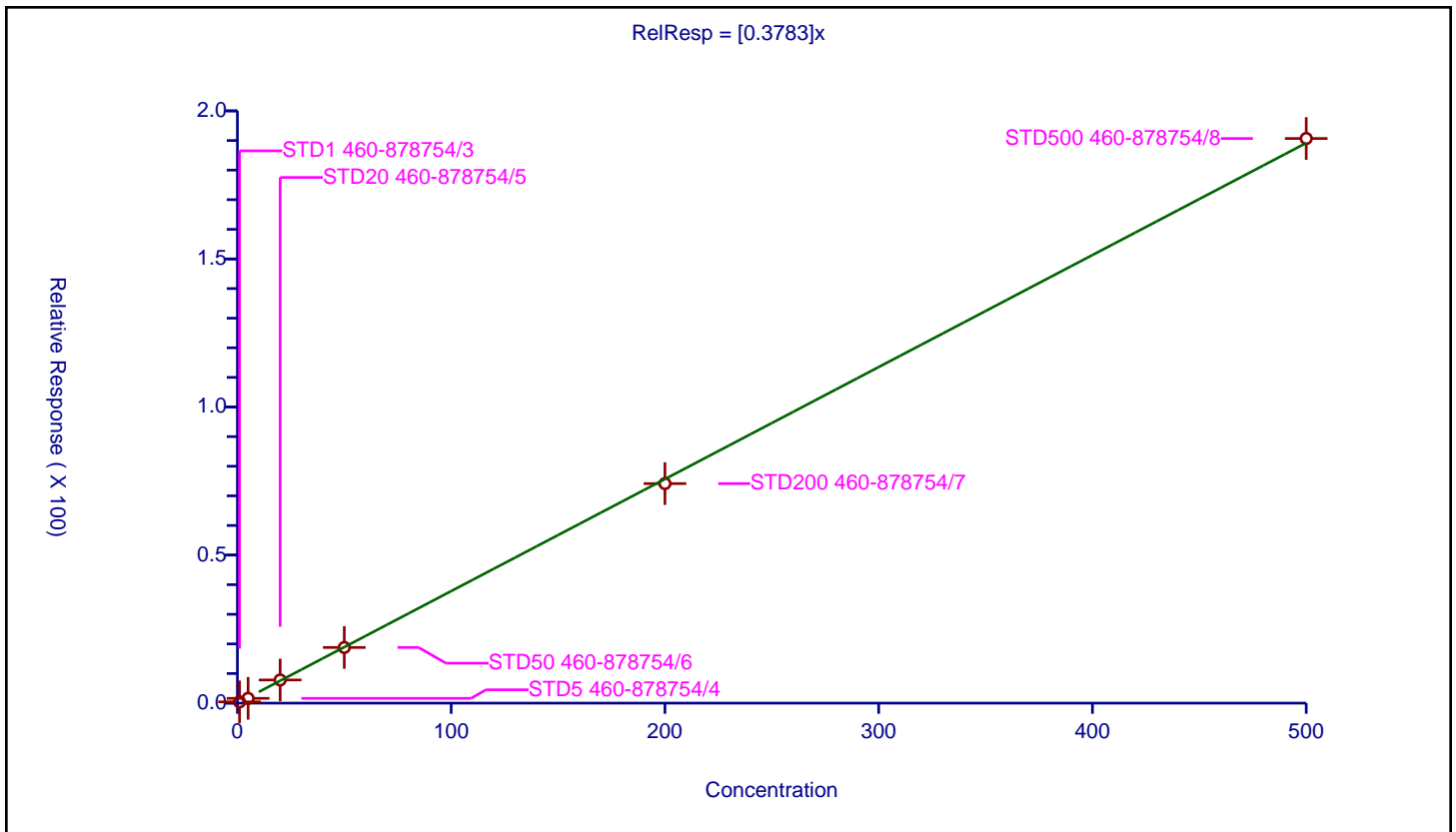
/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3783

Error Coefficients	
Standard Error:	1190000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.428136	50.0	559285.0	0.428136	Y
2	STD5 460-878754/4	5.0	1.612909	50.0	573684.0	0.322582	Y
3	STD20 460-878754/5	20.0	7.824542	50.0	592712.0	0.391227	Y
4	STD50 460-878754/6	50.0	18.790716	50.0	567799.0	0.375814	Y
5	STD200 460-878754/7	200.0	74.138493	50.0	603942.0	0.370692	Y
6	STD500 460-878754/8	500.0	190.67654	50.0	651743.0	0.381353	Y



Calibration

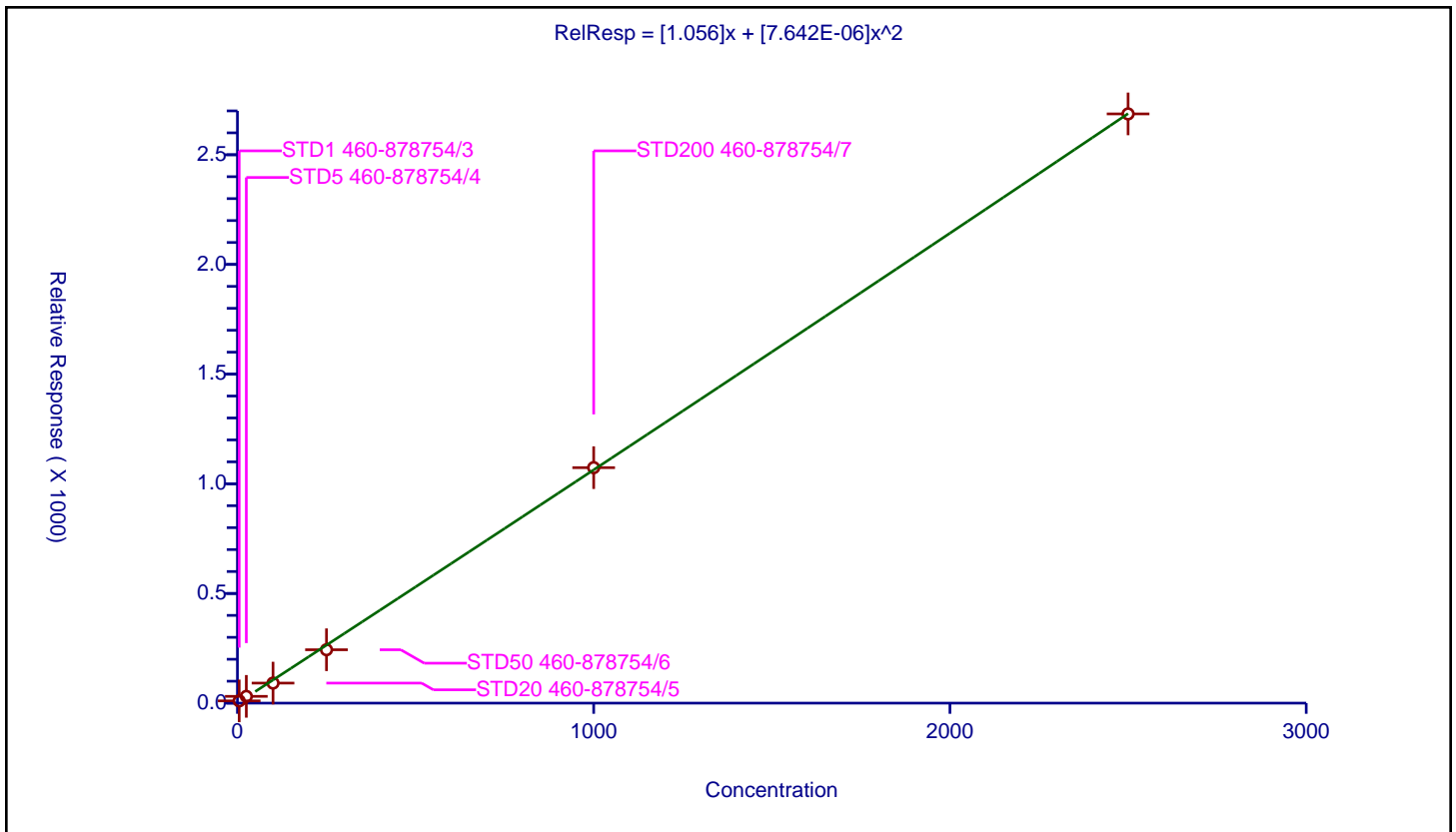
/ Acetone

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.056
Second Order:	7.642E-06

Error Coefficients	
Standard Error:	1830000
Relative Standard Error:	48.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	5.0	10.293105	250.0	258474.0	2.058621	Y
2	STD5 460-878754/4	25.0	30.854503	250.0	262328.0	1.23418	Y
3	STD20 460-878754/5	100.0	91.408234	250.0	287857.0	0.914082	Y
4	STD50 460-878754/6	250.0	243.407946	250.0	285116.0	0.973632	Y
5	STD200 460-878754/7	1000.0	1073.527242	250.0	284704.0	1.073527	Y
6	STD500 460-878754/8	2500.0	2686.237868	250.0	319598.0	1.074495	Y



Calibration

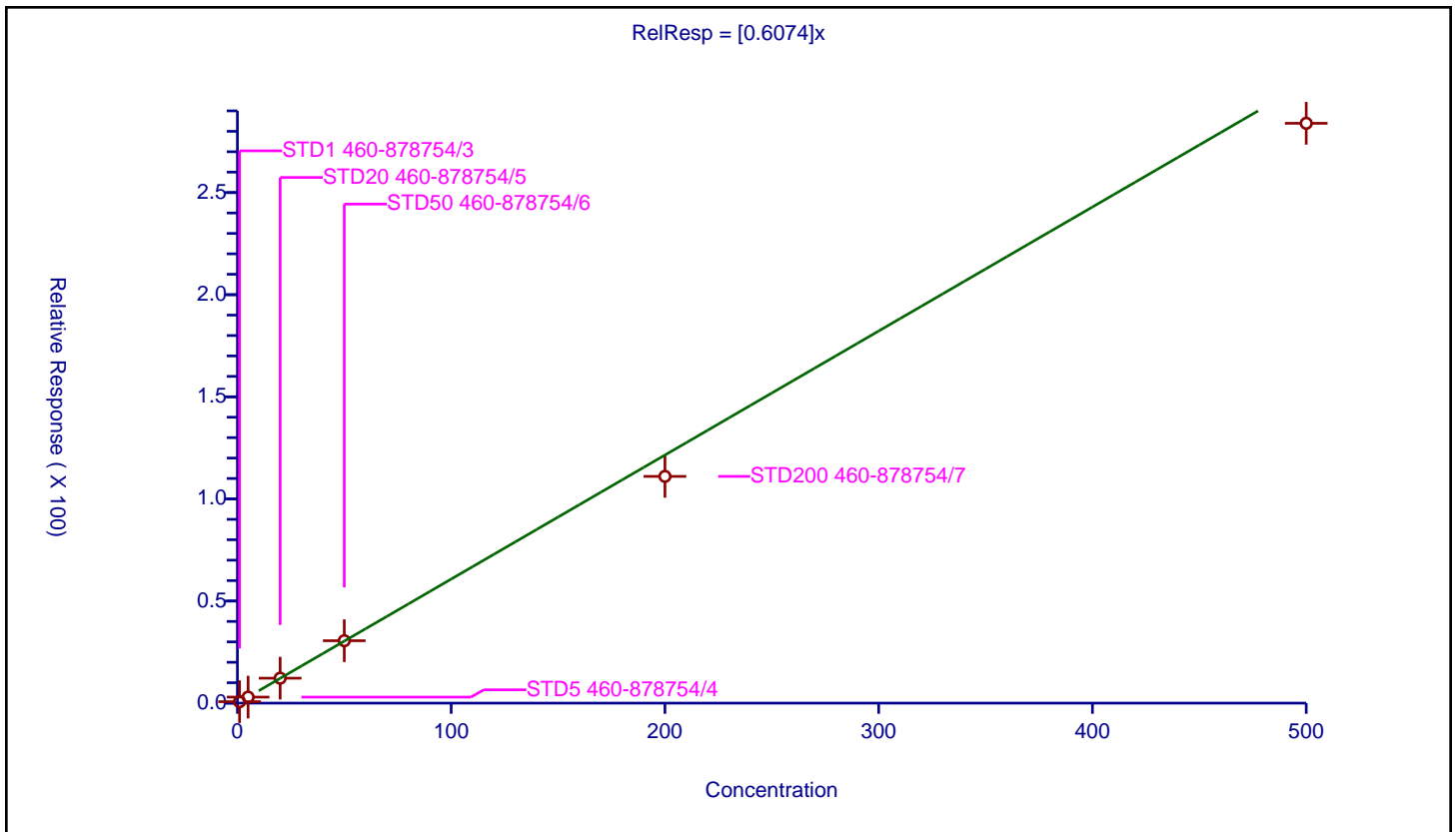
/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6074

Error Coefficients	
Standard Error:	1770000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.709924	50.0	559285.0	0.709924	Y
2	STD5 460-878754/4	5.0	2.948487	50.0	573684.0	0.589697	Y
3	STD20 460-878754/5	20.0	12.208037	50.0	592712.0	0.610402	Y
4	STD50 460-878754/6	50.0	30.558261	50.0	567799.0	0.611165	Y
5	STD200 460-878754/7	200.0	111.031357	50.0	603942.0	0.555157	Y
6	STD500 460-878754/8	500.0	283.918738	50.0	651743.0	0.567837	Y



Calibration

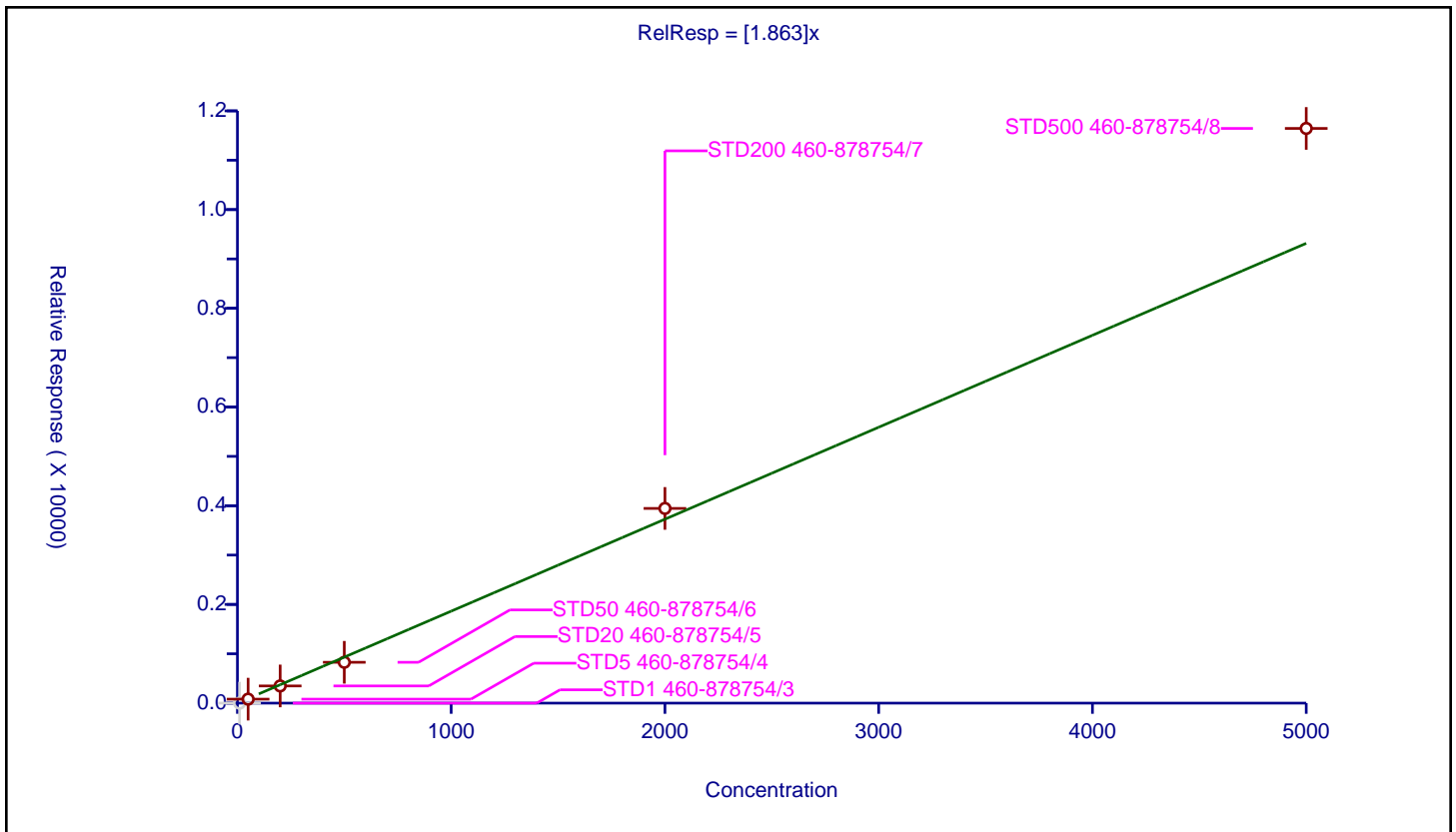
/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.863

Error Coefficients	
Standard Error:	814000
Relative Standard Error:	15.8
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	0.0	1000.0	112294.0	0.0	N
2	STD5 460-878754/4	50.0	80.839018	1000.0	111988.0	1.61678	Y
3	STD20 460-878754/5	200.0	348.595604	1000.0	114640.0	1.742978	Y
4	STD50 460-878754/6	500.0	827.53009	1000.0	117980.0	1.65506	Y
5	STD200 460-878754/7	2000.0	3945.105022	1000.0	118499.0	1.972553	Y
6	STD500 460-878754/8	5000.0	11644.523436	1000.0	134473.0	2.328905	Y



Calibration

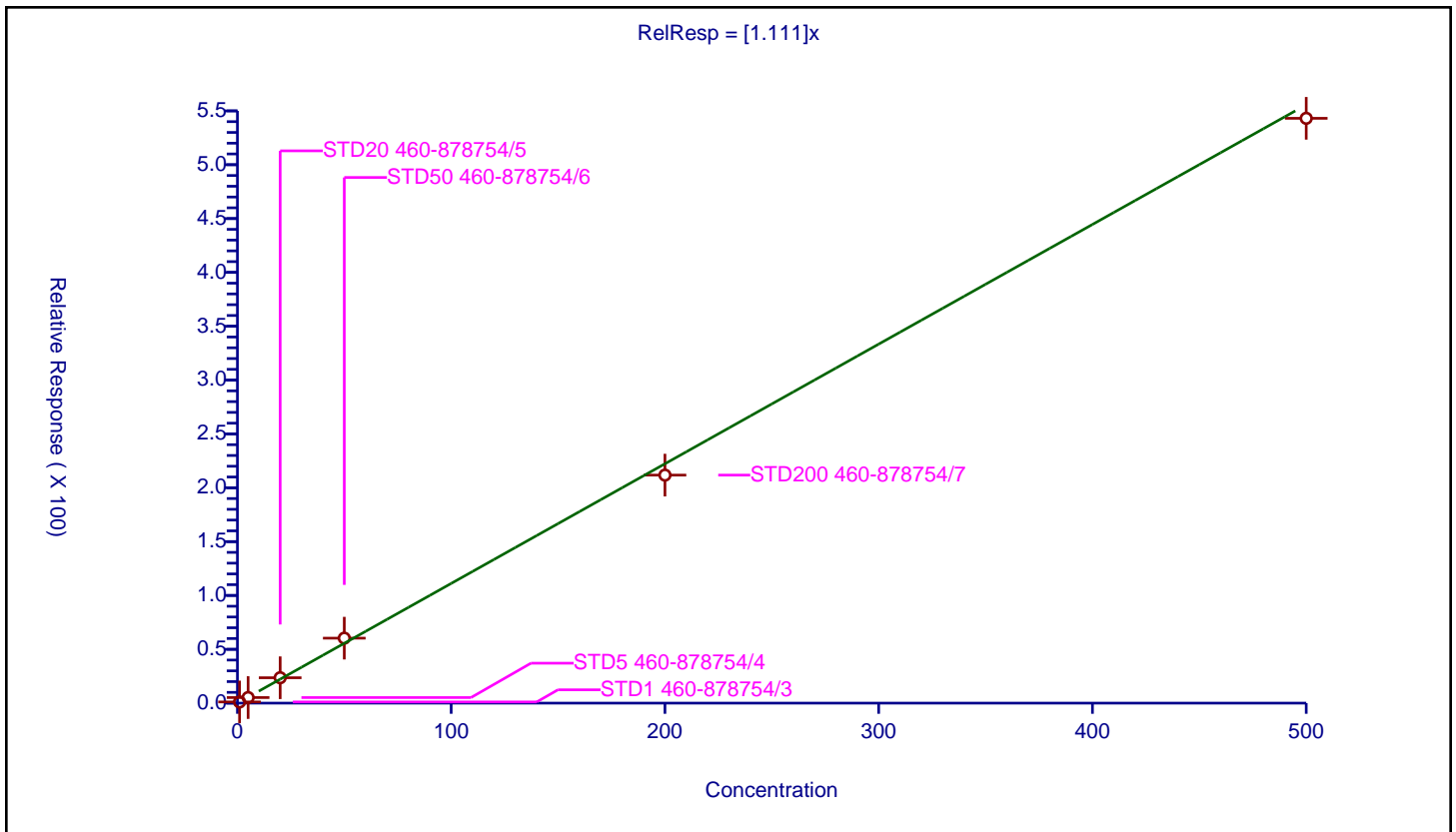
/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.111

Error Coefficients	
Standard Error:	3380000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.101496	50.0	559285.0	1.101496	Y
2	STD5 460-878754/4	5.0	5.177589	50.0	573684.0	1.035518	Y
3	STD20 460-878754/5	20.0	23.590378	50.0	592712.0	1.179519	Y
4	STD50 460-878754/6	50.0	60.327158	50.0	567799.0	1.206543	Y
5	STD200 460-878754/7	200.0	211.770832	50.0	603942.0	1.058854	Y
6	STD500 460-878754/8	500.0	543.096665	50.0	651743.0	1.086193	Y



Calibration

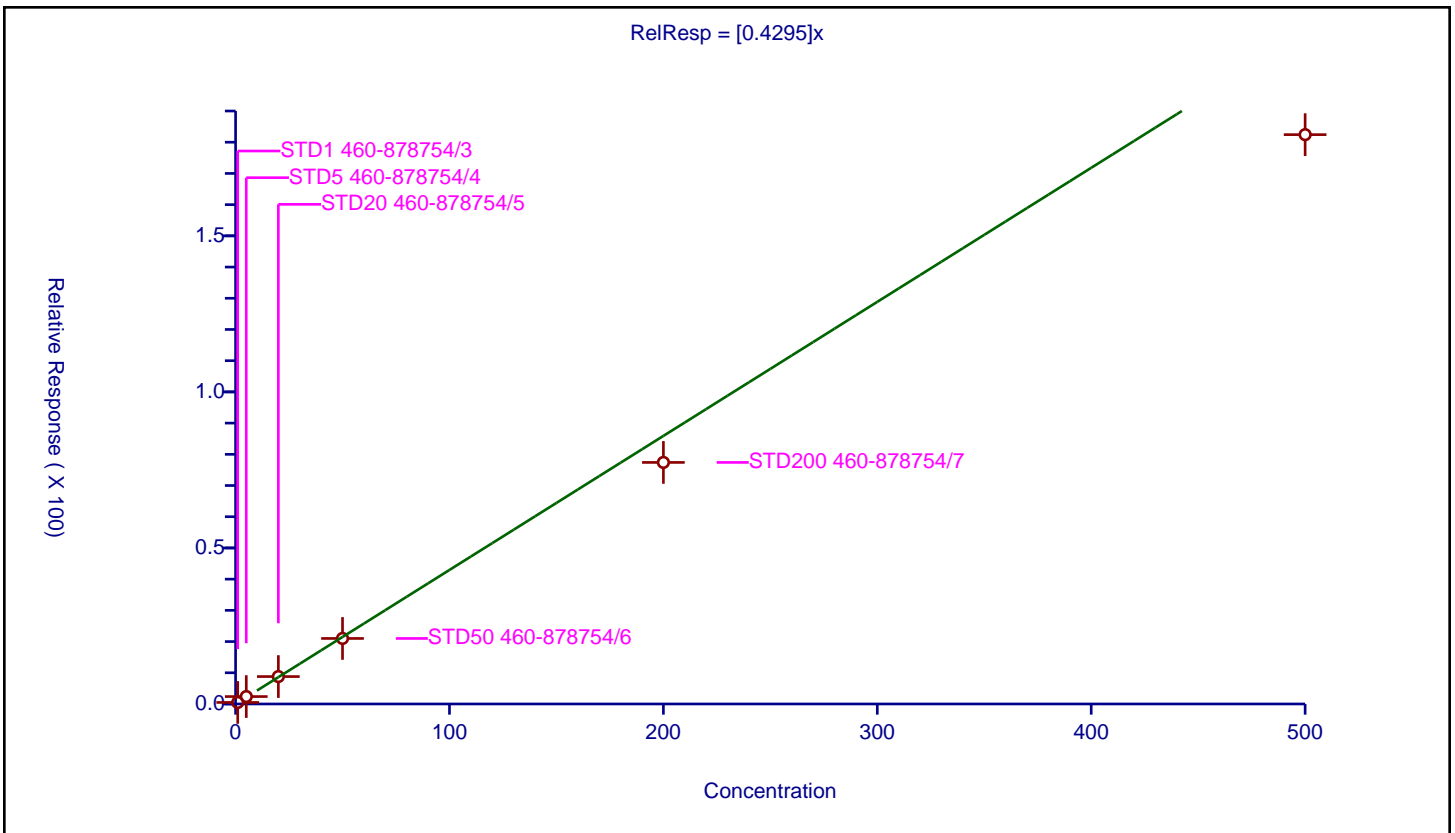
/ 3-Chloro-1-propene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4295

Error Coefficients	
Standard Error:	1150000
Relative Standard Error:	11.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.489822	50.0	559285.0	0.489822	Y
2	STD5 460-878754/4	5.0	2.38084	50.0	573684.0	0.476168	Y
3	STD20 460-878754/5	20.0	8.784452	50.0	592712.0	0.439223	Y
4	STD50 460-878754/6	50.0	20.993873	50.0	567799.0	0.419877	Y
5	STD200 460-878754/7	200.0	77.403128	50.0	603942.0	0.387016	Y
6	STD500 460-878754/8	500.0	182.432186	50.0	651743.0	0.364864	Y



Calibration

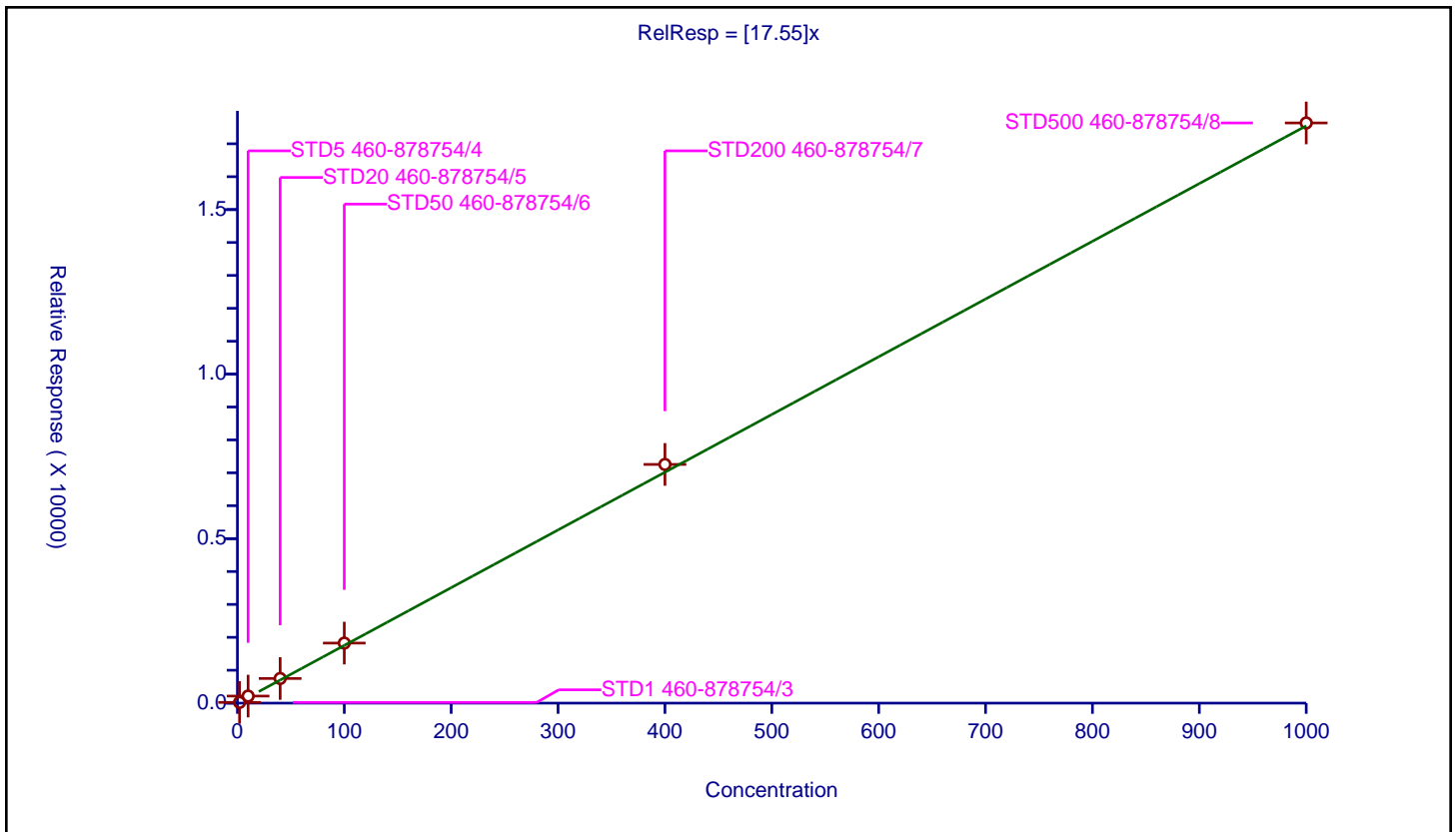
/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	17.55

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	19.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	22.120505	1000.0	112294.0	11.060253	Y
2	STD5 460-878754/4	10.0	214.639068	1000.0	111988.0	21.463907	Y
3	STD20 460-878754/5	40.0	749.092812	1000.0	114640.0	18.72732	Y
4	STD50 460-878754/6	100.0	1824.885574	1000.0	117980.0	18.248856	Y
5	STD200 460-878754/7	400.0	7255.217344	1000.0	118499.0	18.138043	Y
6	STD500 460-878754/8	1000.0	17633.577001	1000.0	134473.0	17.633577	Y



Calibration

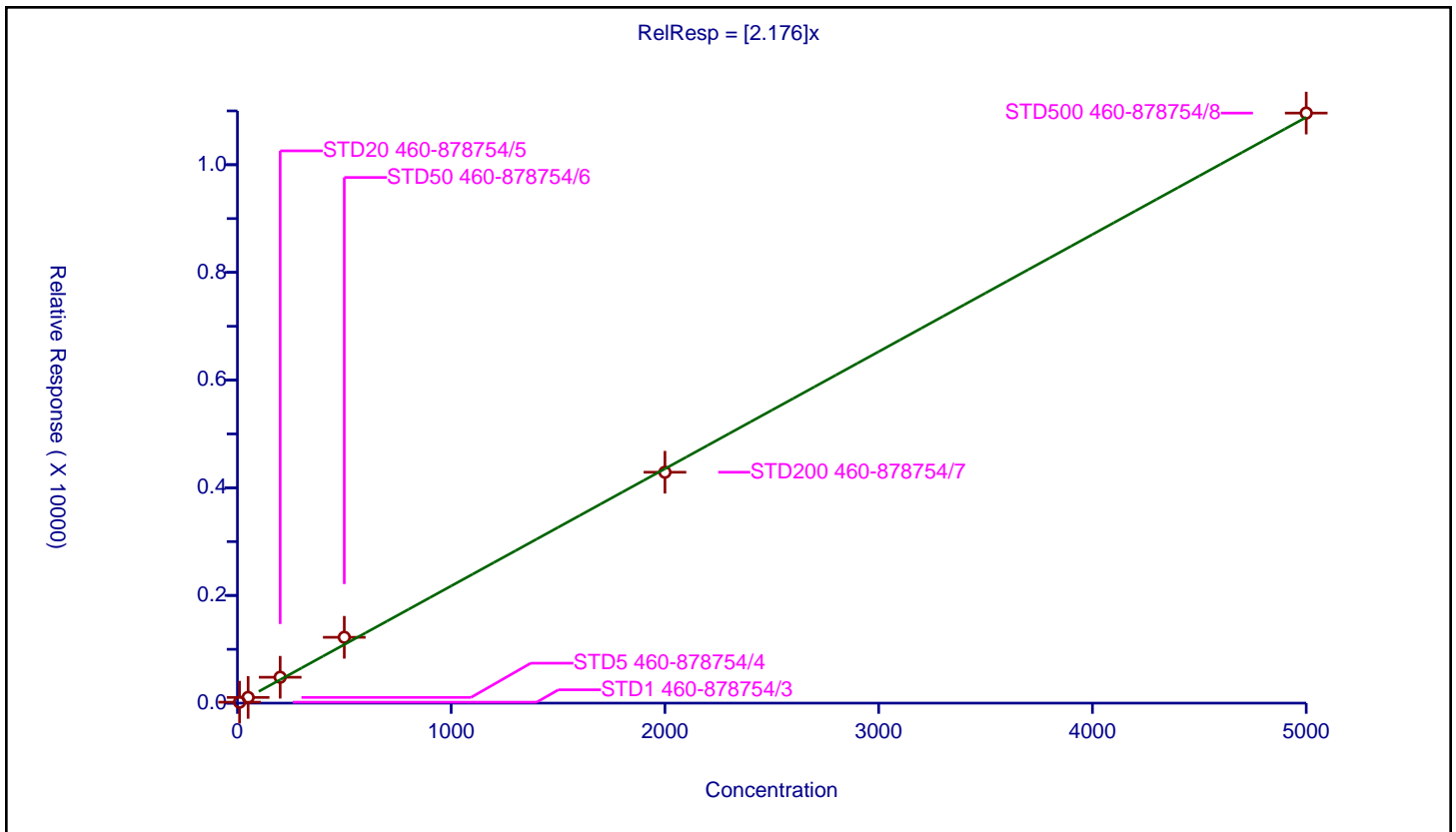
/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.176

Error Coefficients	
Standard Error:	695000
Relative Standard Error:	11.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	17.543235	1000.0	112294.0	1.754323	Y
2	STD5 460-878754/4	50.0	105.948852	1000.0	111988.0	2.118977	Y
3	STD20 460-878754/5	200.0	480.469295	1000.0	114640.0	2.402346	Y
4	STD50 460-878754/6	500.0	1222.775047	1000.0	117980.0	2.44555	Y
5	STD200 460-878754/7	2000.0	4288.407497	1000.0	118499.0	2.144204	Y
6	STD500 460-878754/8	5000.0	10959.255761	1000.0	134473.0	2.191851	Y



Calibration

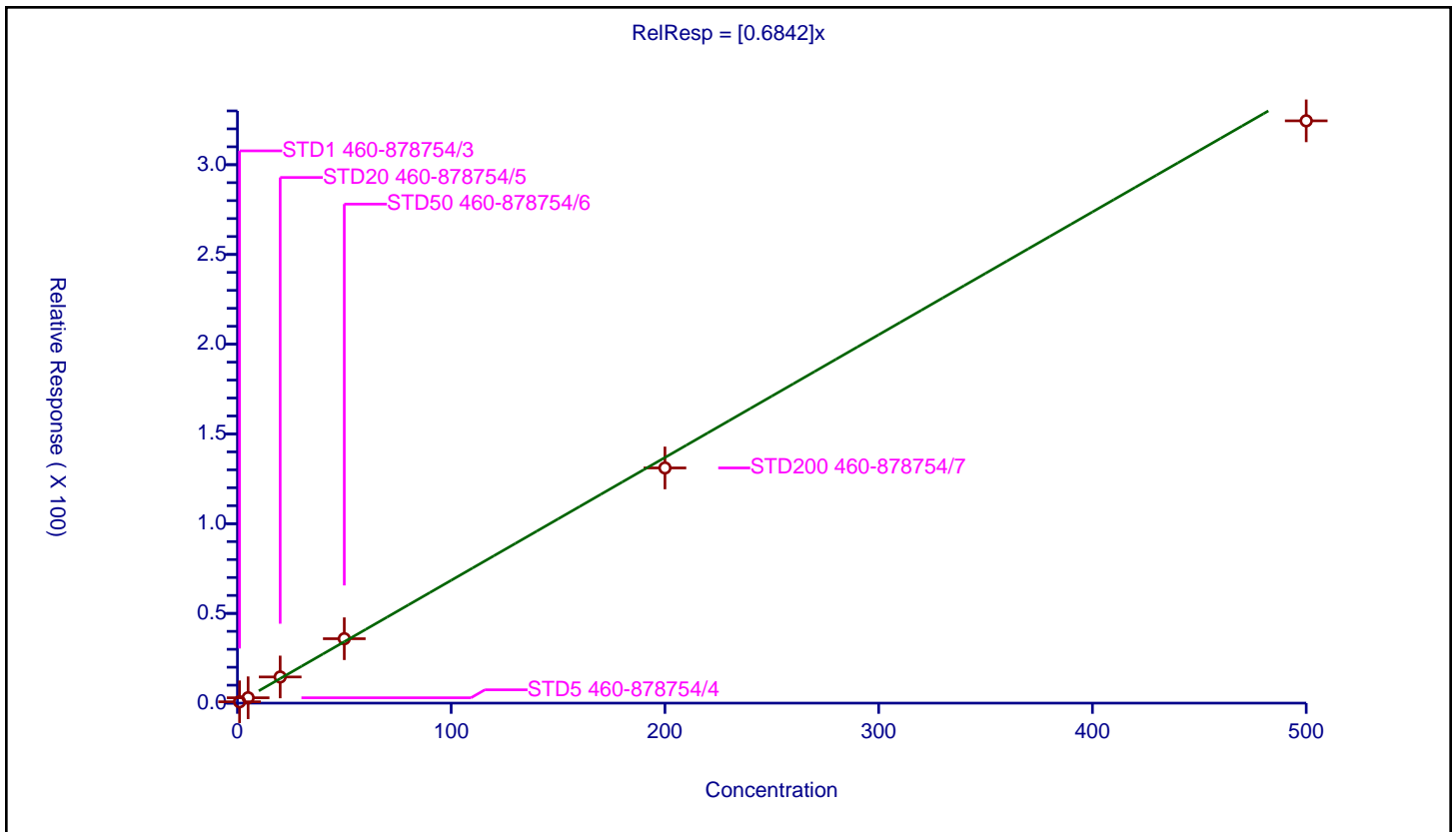
/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6842

Error Coefficients	
Standard Error:	2030000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.756323	50.0	559285.0	0.756323	Y
2	STD5 460-878754/4	5.0	2.991891	50.0	573684.0	0.598378	Y
3	STD20 460-878754/5	20.0	14.575376	50.0	592712.0	0.728769	Y
4	STD50 460-878754/6	50.0	35.890694	50.0	567799.0	0.717814	Y
5	STD200 460-878754/7	200.0	131.042136	50.0	603942.0	0.655211	Y
6	STD500 460-878754/8	500.0	324.4634	50.0	651743.0	0.648927	Y



Calibration

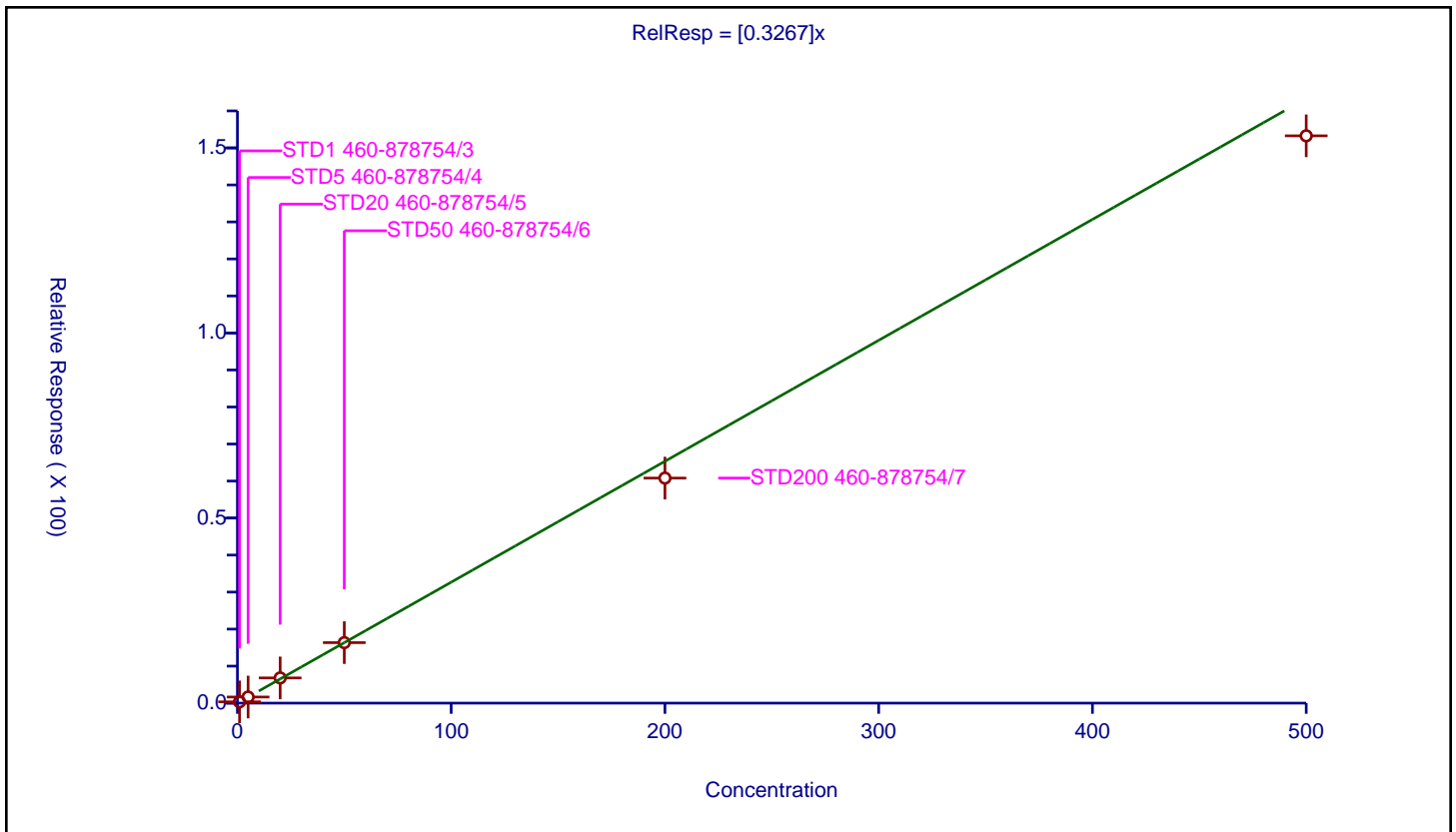
/ Methylene Chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3267

Error Coefficients	
Standard Error:	956000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.352504	50.0	559285.0	0.352504	Y
2	STD5 460-878754/4	5.0	1.64934	50.0	573684.0	0.329868	Y
3	STD20 460-878754/5	20.0	6.807859	50.0	592712.0	0.340393	Y
4	STD50 460-878754/6	50.0	16.345661	50.0	567799.0	0.326913	Y
5	STD200 460-878754/7	200.0	60.794745	50.0	603942.0	0.303974	Y
6	STD500 460-878754/8	500.0	153.268466	50.0	651743.0	0.306537	Y



Calibration

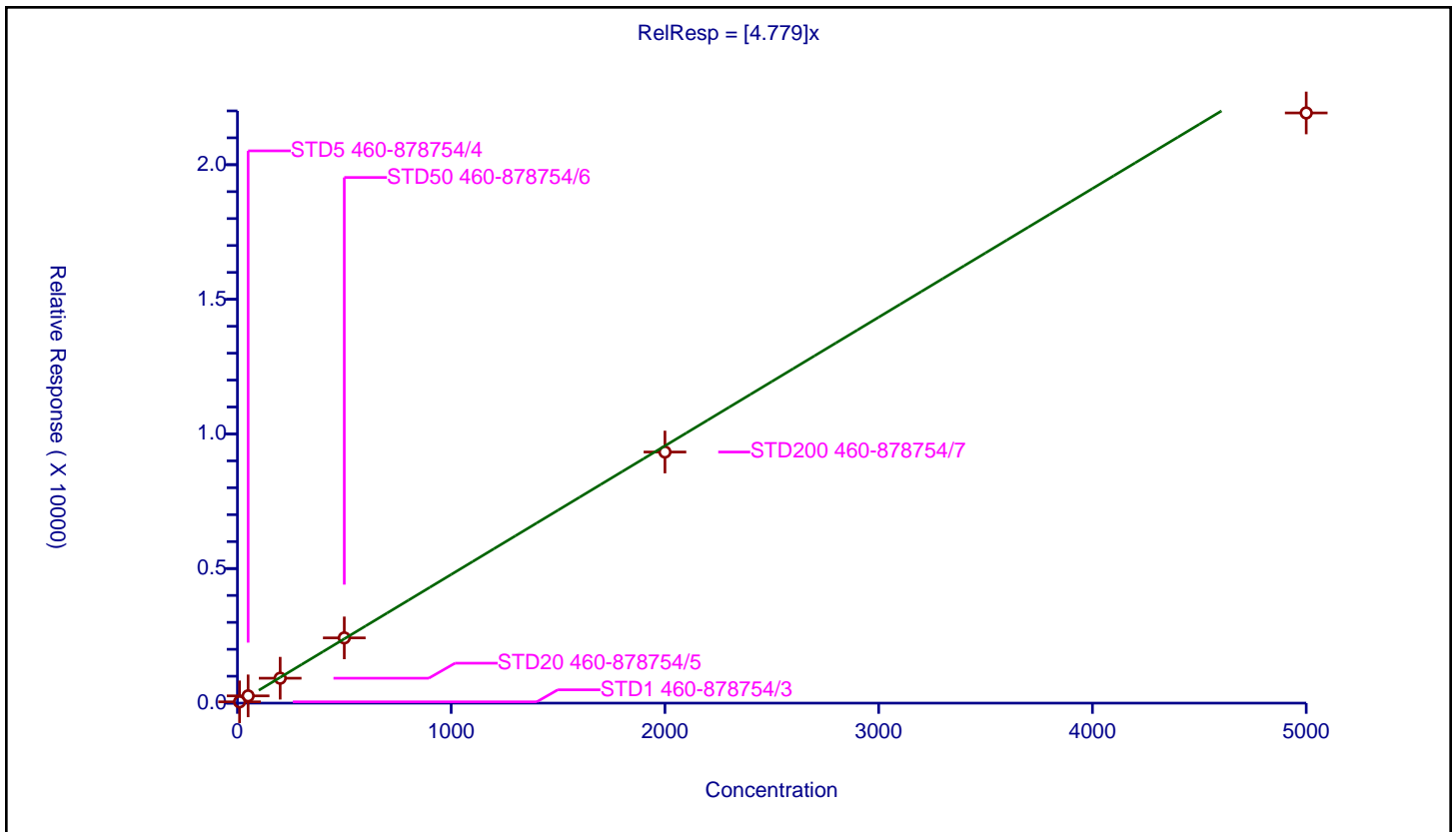
/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.779

Error Coefficients	
Standard Error:	1400000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	47.6517	1000.0	112294.0	4.76517	Y
2	STD5 460-878754/4	50.0	269.269922	1000.0	111988.0	5.385398	Y
3	STD20 460-878754/5	200.0	925.139567	1000.0	114640.0	4.625698	Y
4	STD50 460-878754/6	500.0	2423.114087	1000.0	117980.0	4.846228	Y
5	STD200 460-878754/7	2000.0	9328.129351	1000.0	118499.0	4.664065	Y
6	STD500 460-878754/8	5000.0	21923.702156	1000.0	134473.0	4.38474	Y



Calibration

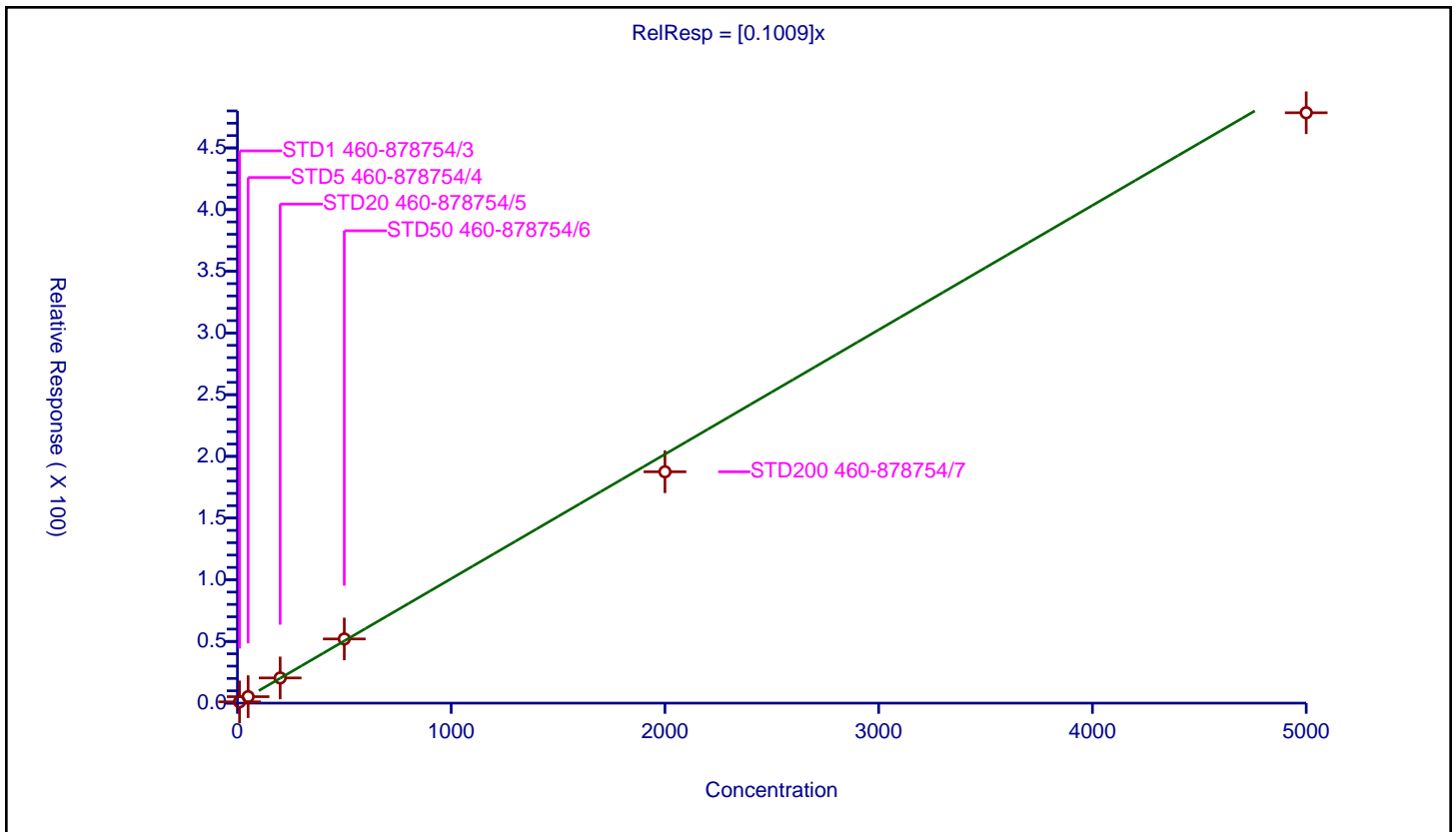
/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1009

Error Coefficients	
Standard Error:	2980000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	1.048839	50.0	559285.0	0.104884	Y
2	STD5 460-878754/4	50.0	5.233892	50.0	573684.0	0.104678	Y
3	STD20 460-878754/5	200.0	20.414046	50.0	592712.0	0.10207	Y
4	STD50 460-878754/6	500.0	52.016911	50.0	567799.0	0.104034	Y
5	STD200 460-878754/7	2000.0	187.500455	50.0	603942.0	0.09375	Y
6	STD500 460-878754/8	5000.0	478.495435	50.0	651743.0	0.095699	Y



Calibration

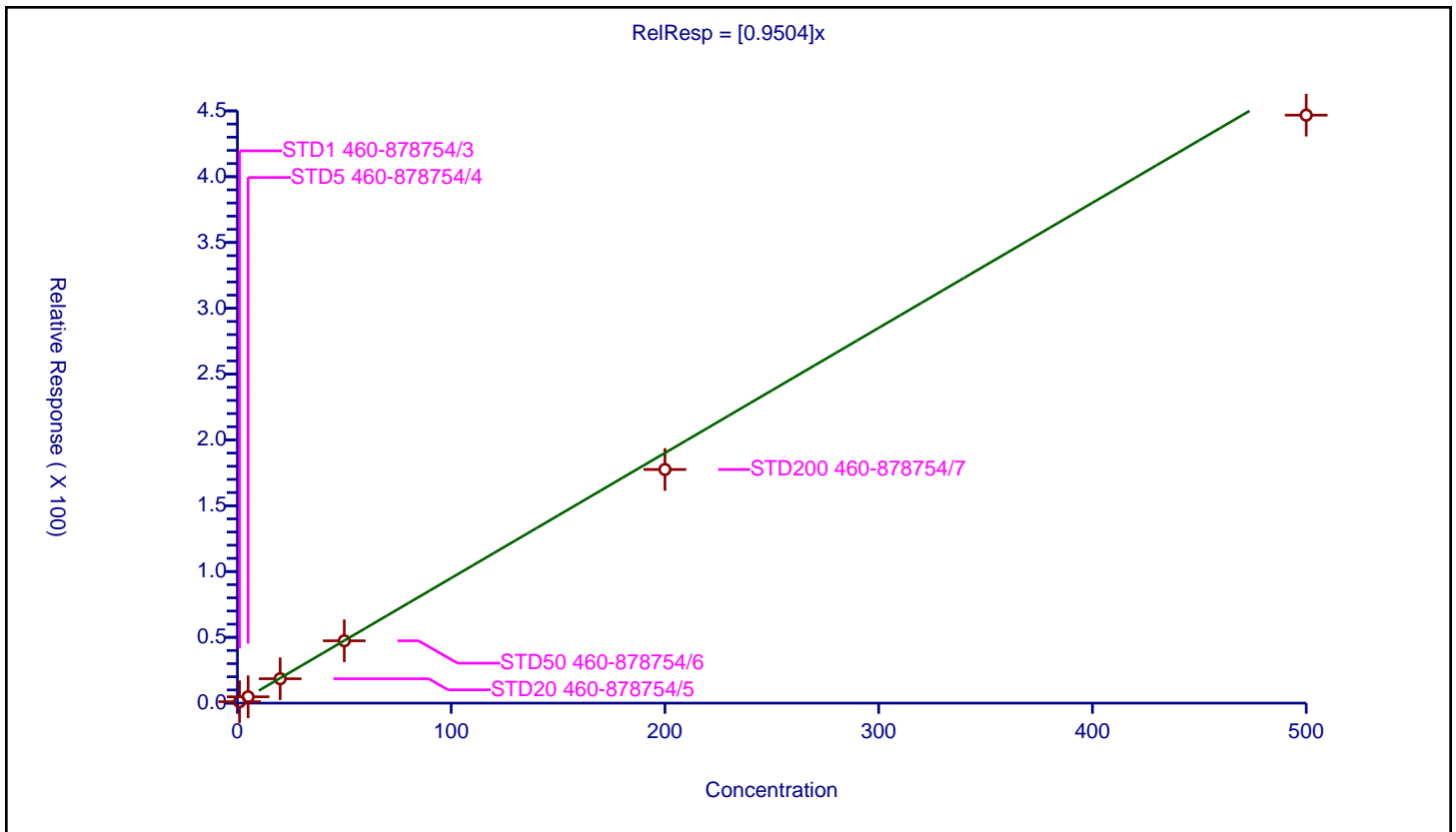
/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9504

Error Coefficients	
Standard Error:	2790000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.087728	50.0	559285.0	1.087728	Y
2	STD5 460-878754/4	5.0	4.801075	50.0	573684.0	0.960215	Y
3	STD20 460-878754/5	20.0	18.519197	50.0	592712.0	0.92596	Y
4	STD50 460-878754/6	50.0	47.365441	50.0	567799.0	0.947309	Y
5	STD200 460-878754/7	200.0	177.531783	50.0	603942.0	0.887659	Y
6	STD500 460-878754/8	500.0	446.758308	50.0	651743.0	0.893517	Y



Calibration

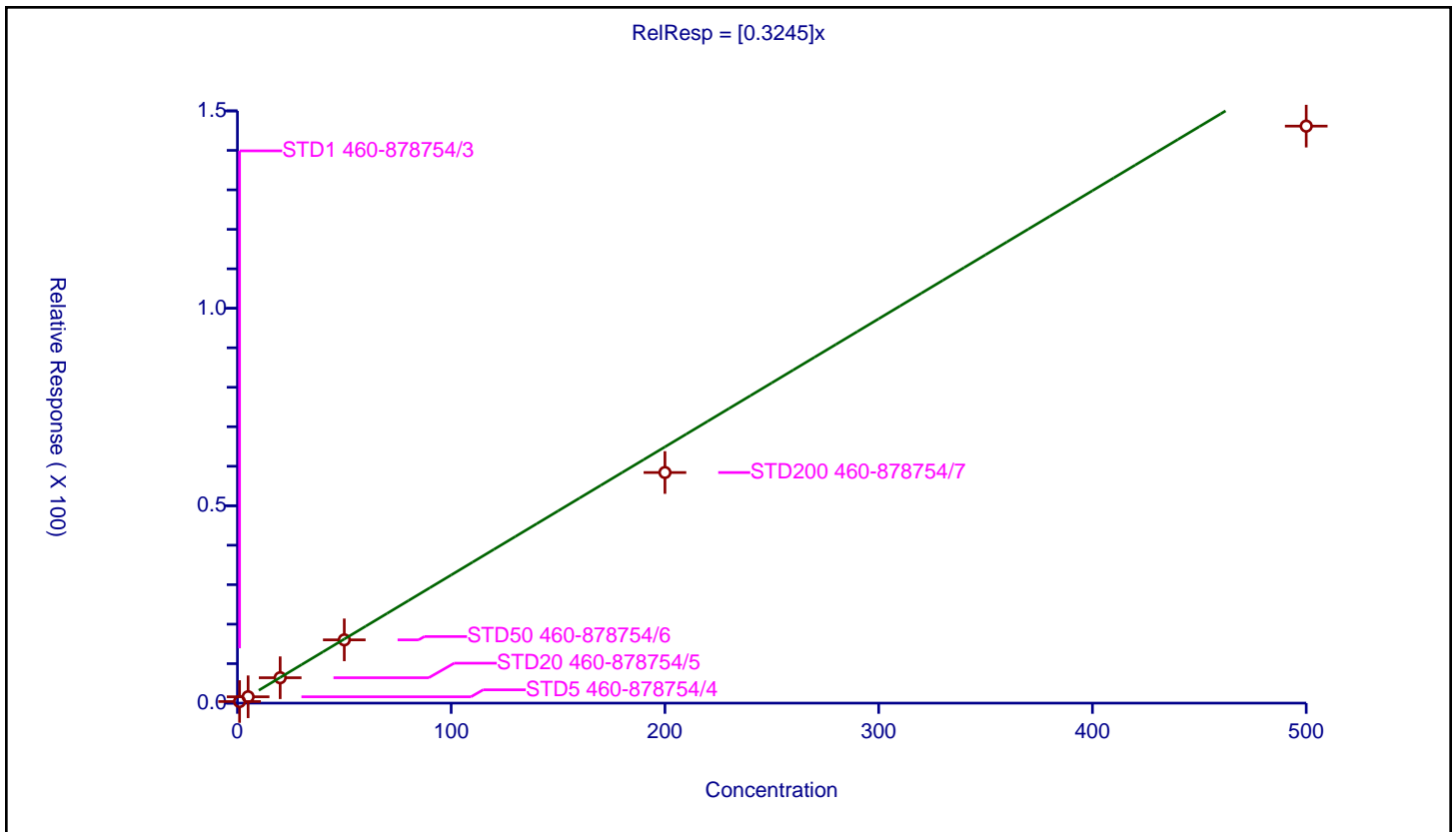
/ trans-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3245

Error Coefficients	
Standard Error:	913000
Relative Standard Error:	12.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.398366	50.0	559285.0	0.398366	Y
2	STD5 460-878754/4	5.0	1.610991	50.0	573684.0	0.322198	Y
3	STD20 460-878754/5	20.0	6.43061	50.0	592712.0	0.321531	Y
4	STD50 460-878754/6	50.0	16.022219	50.0	567799.0	0.320444	Y
5	STD200 460-878754/7	200.0	58.404863	50.0	603942.0	0.292024	Y
6	STD500 460-878754/8	500.0	146.144493	50.0	651743.0	0.292289	Y



Calibration

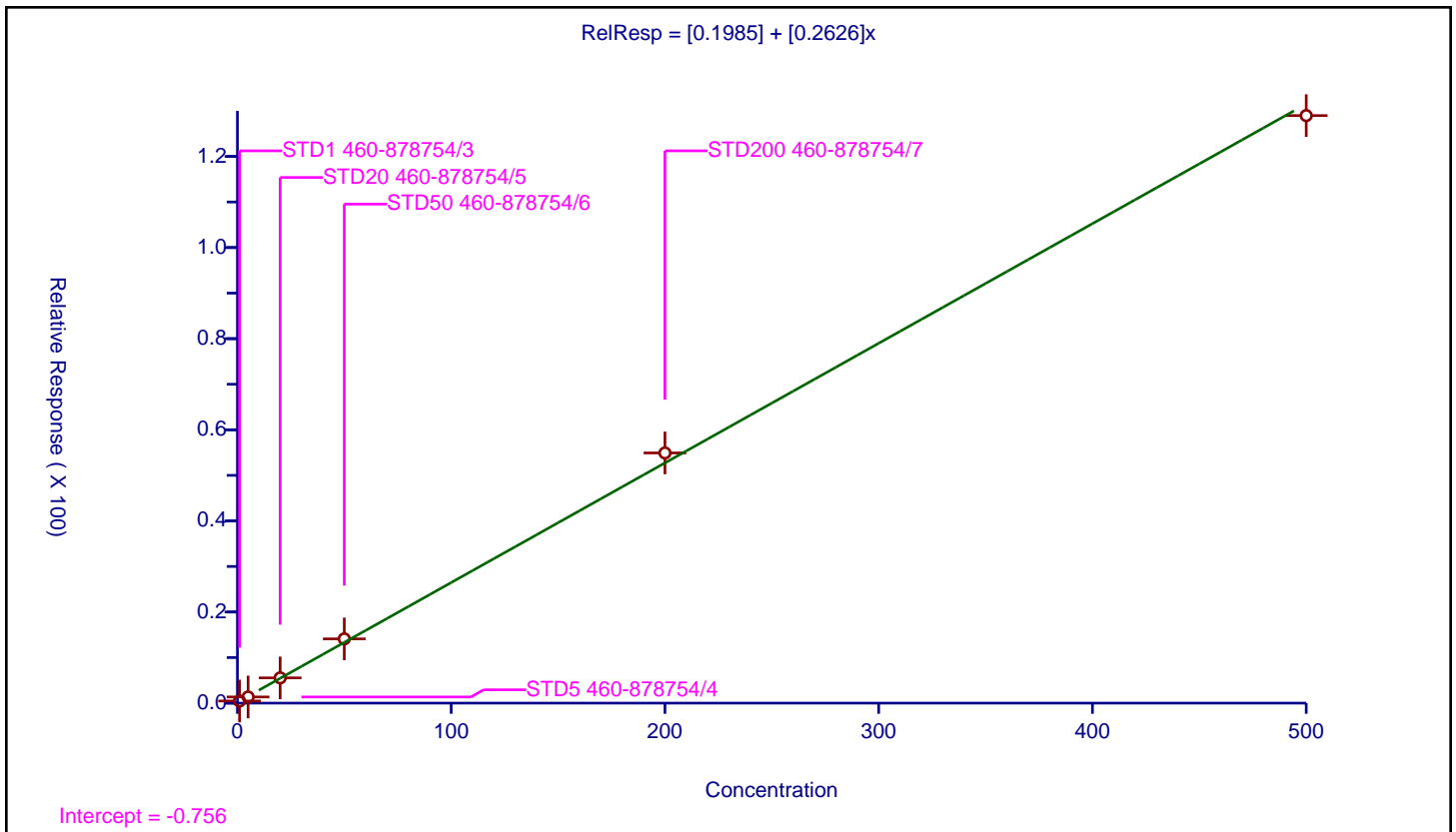
/ Hexane

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0.1985
Slope:	0.2626

Error Coefficients	
Standard Error:	908000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.466935	50.0	559285.0	0.466935	Y
2	STD5 460-878754/4	5.0	1.351615	50.0	573684.0	0.270323	Y
3	STD20 460-878754/5	20.0	5.547129	50.0	592712.0	0.277356	Y
4	STD50 460-878754/6	50.0	14.105256	50.0	567799.0	0.282105	Y
5	STD200 460-878754/7	200.0	54.914876	50.0	603942.0	0.274574	Y
6	STD500 460-878754/8	500.0	128.967323	50.0	651743.0	0.257935	Y



Calibration

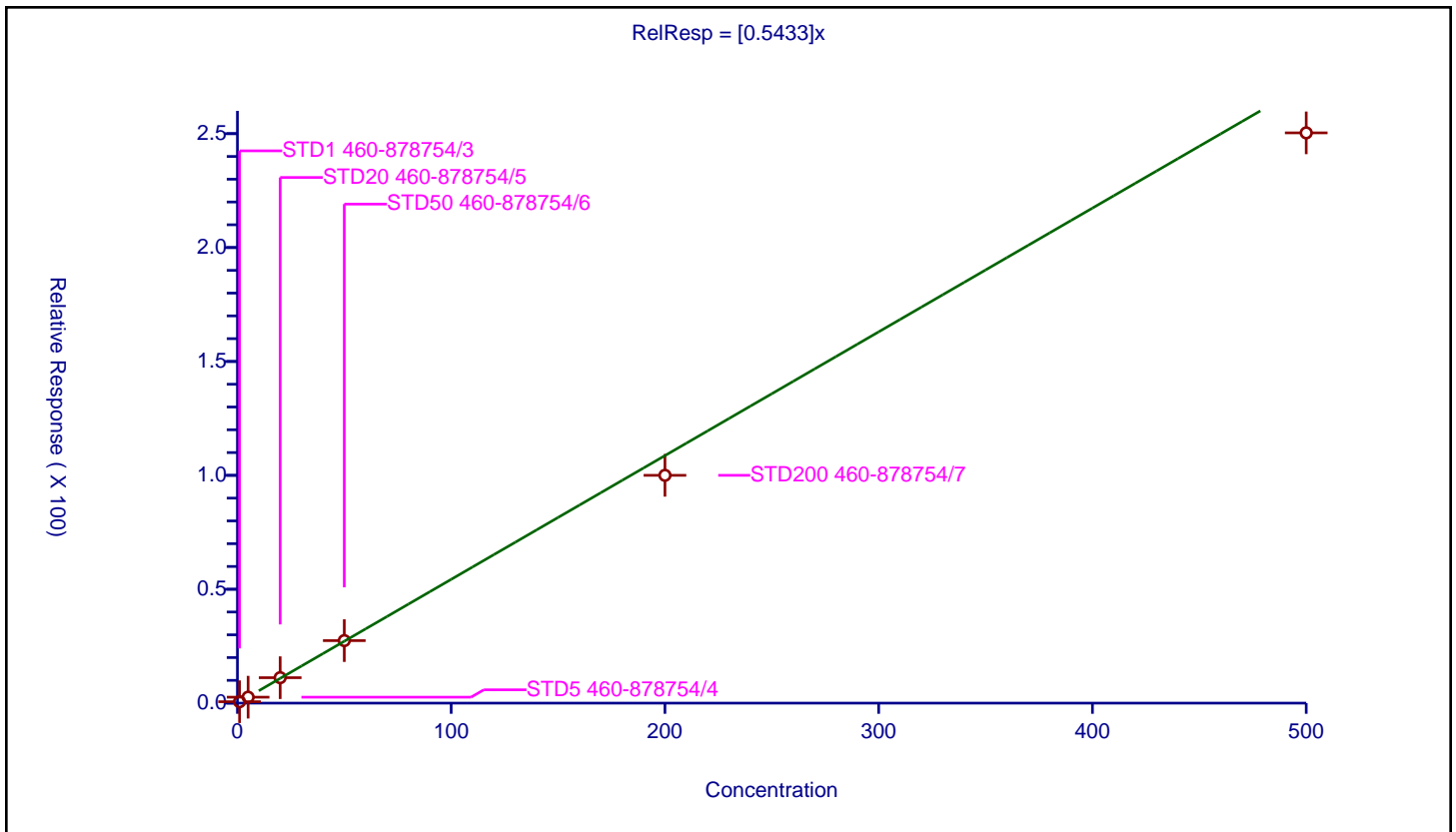
/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5433

Error Coefficients	
Standard Error:	1560000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.627766	50.0	559285.0	0.627766	Y
2	STD5 460-878754/4	5.0	2.618428	50.0	573684.0	0.523686	Y
3	STD20 460-878754/5	20.0	11.173133	50.0	592712.0	0.558657	Y
4	STD50 460-878754/6	50.0	27.450735	50.0	567799.0	0.549015	Y
5	STD200 460-878754/7	200.0	100.014654	50.0	603942.0	0.500073	Y
6	STD500 460-878754/8	500.0	250.351749	50.0	651743.0	0.500703	Y



Calibration

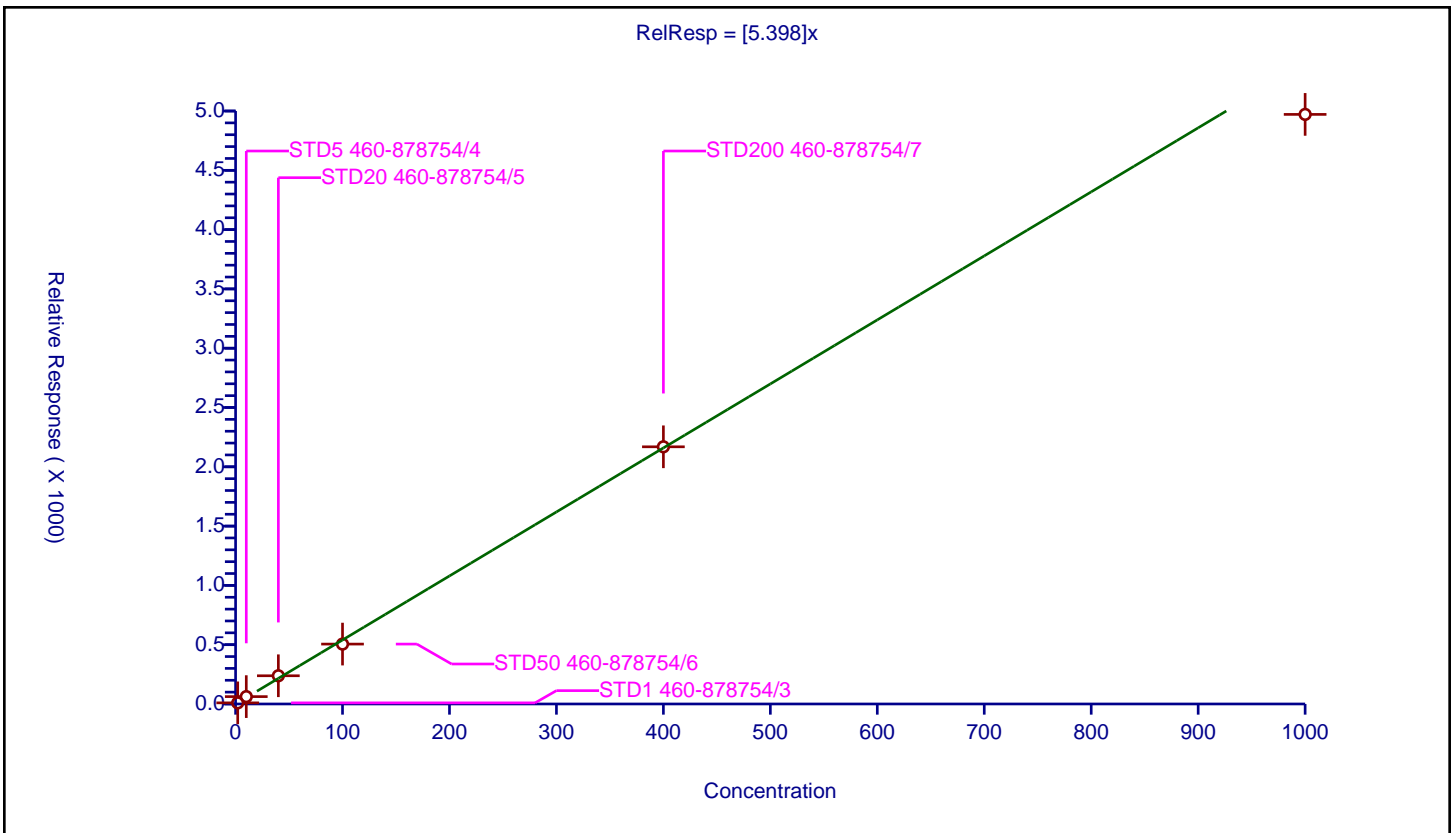
/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	5.398

Error Coefficients	
Standard Error:	319000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	9.56418	1000.0	112294.0	4.78209	Y
2	STD5 460-878754/4	10.0	62.104868	1000.0	111988.0	6.210487	Y
3	STD20 460-878754/5	40.0	238.0321	1000.0	114640.0	5.950803	Y
4	STD50 460-878754/6	100.0	505.034752	1000.0	117980.0	5.050348	Y
5	STD200 460-878754/7	400.0	2168.617457	1000.0	118499.0	5.421544	Y
6	STD500 460-878754/8	1000.0	4971.458955	1000.0	134473.0	4.971459	Y



Calibration

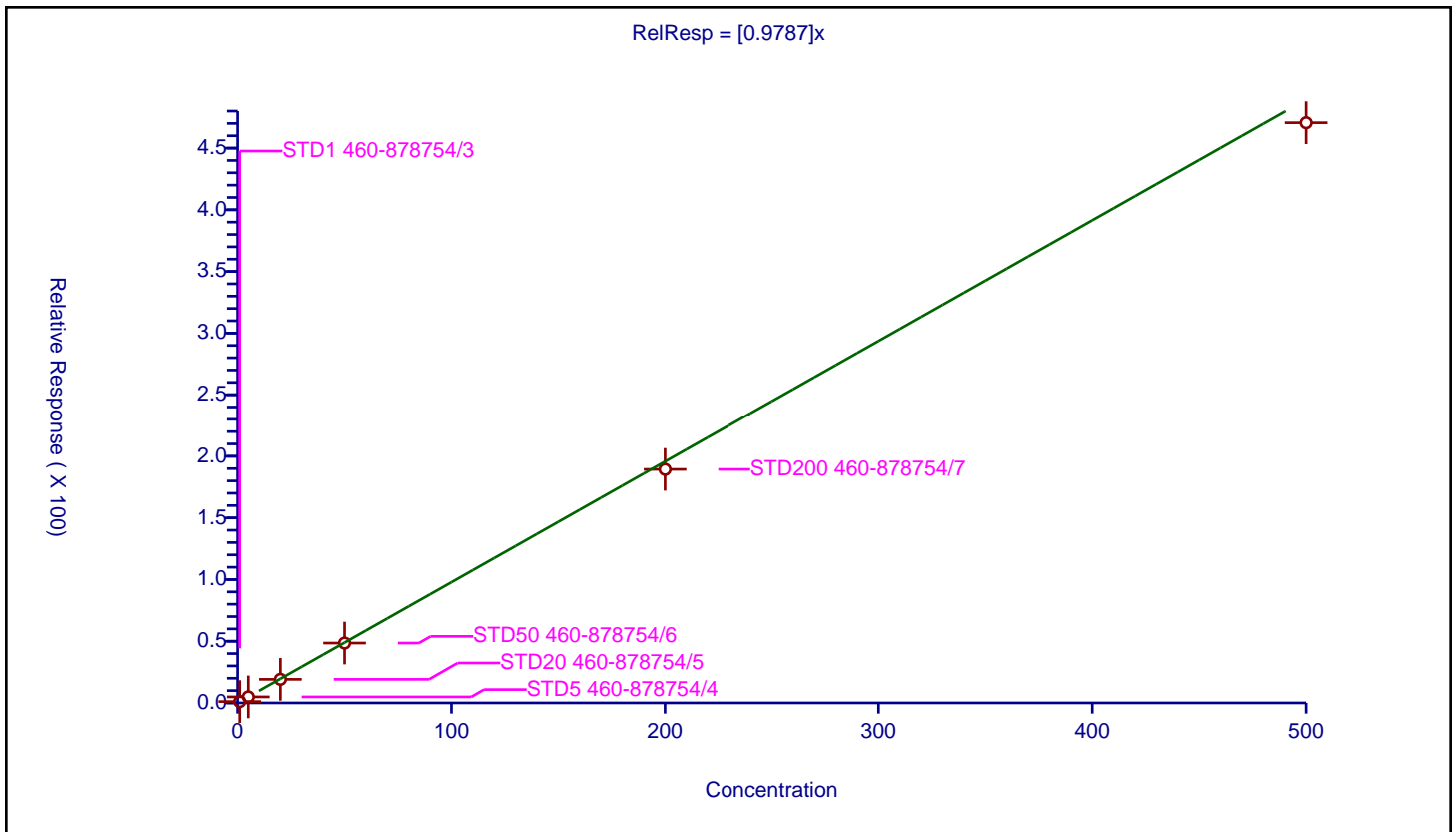
/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9787

Error Coefficients	
Standard Error:	2940000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.081381	50.0	559285.0	1.081381	Y
2	STD5 460-878754/4	5.0	4.882566	50.0	573684.0	0.976513	Y
3	STD20 460-878754/5	20.0	19.112992	50.0	592712.0	0.95565	Y
4	STD50 460-878754/6	50.0	48.52712	50.0	567799.0	0.970542	Y
5	STD200 460-878754/7	200.0	189.364293	50.0	603942.0	0.946821	Y
6	STD500 460-878754/8	500.0	470.57759	50.0	651743.0	0.941155	Y



Calibration

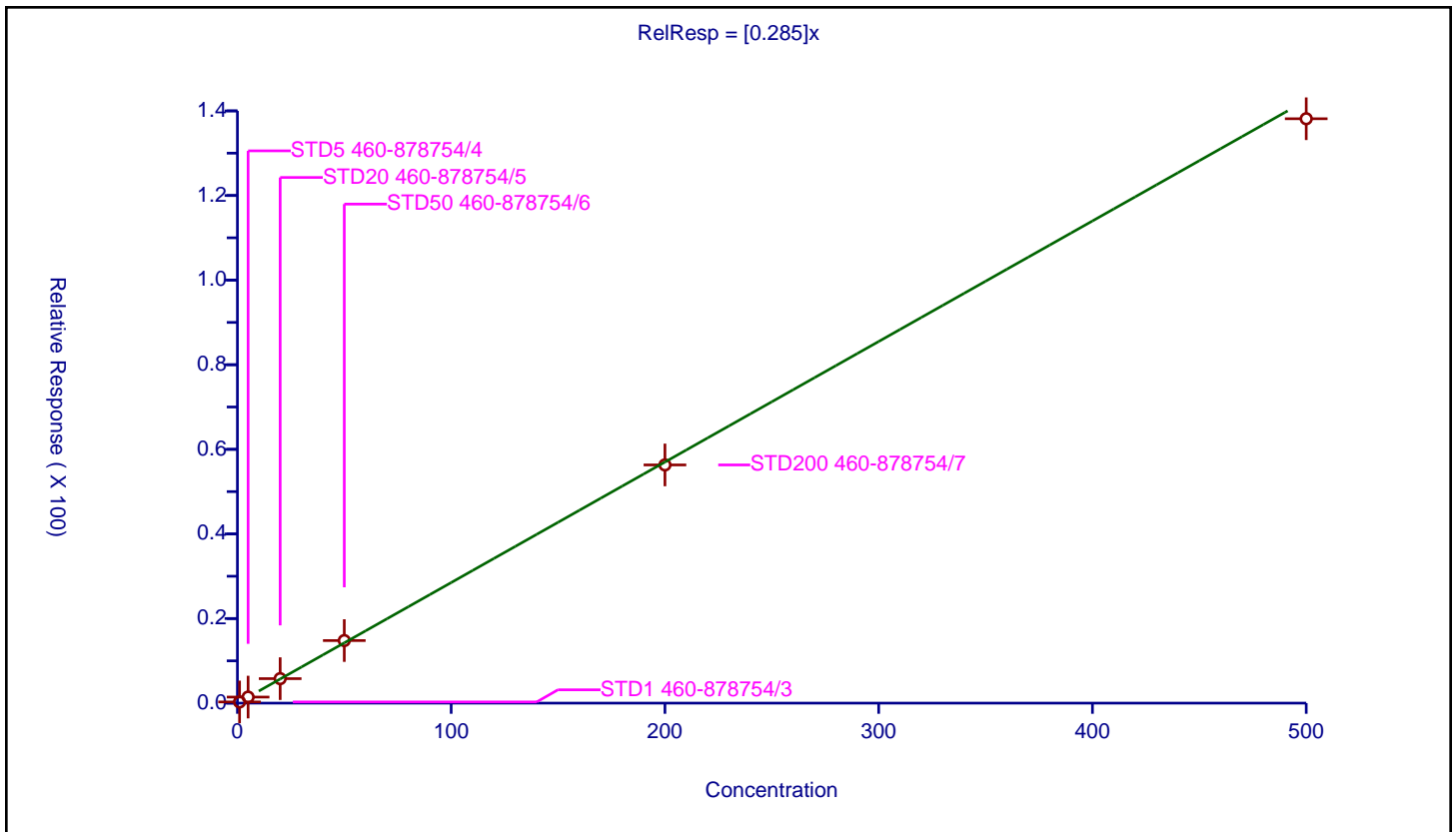
/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.285

Error Coefficients	
Standard Error:	865000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.28009	50.0	559285.0	0.28009	Y
2	STD5 460-878754/4	5.0	1.43267	50.0	573684.0	0.286534	Y
3	STD20 460-878754/5	20.0	5.788562	50.0	592712.0	0.289428	Y
4	STD50 460-878754/6	50.0	14.79159	50.0	567799.0	0.295832	Y
5	STD200 460-878754/7	200.0	56.30847	50.0	603942.0	0.281542	Y
6	STD500 460-878754/8	500.0	138.140571	50.0	651743.0	0.276281	Y



Calibration

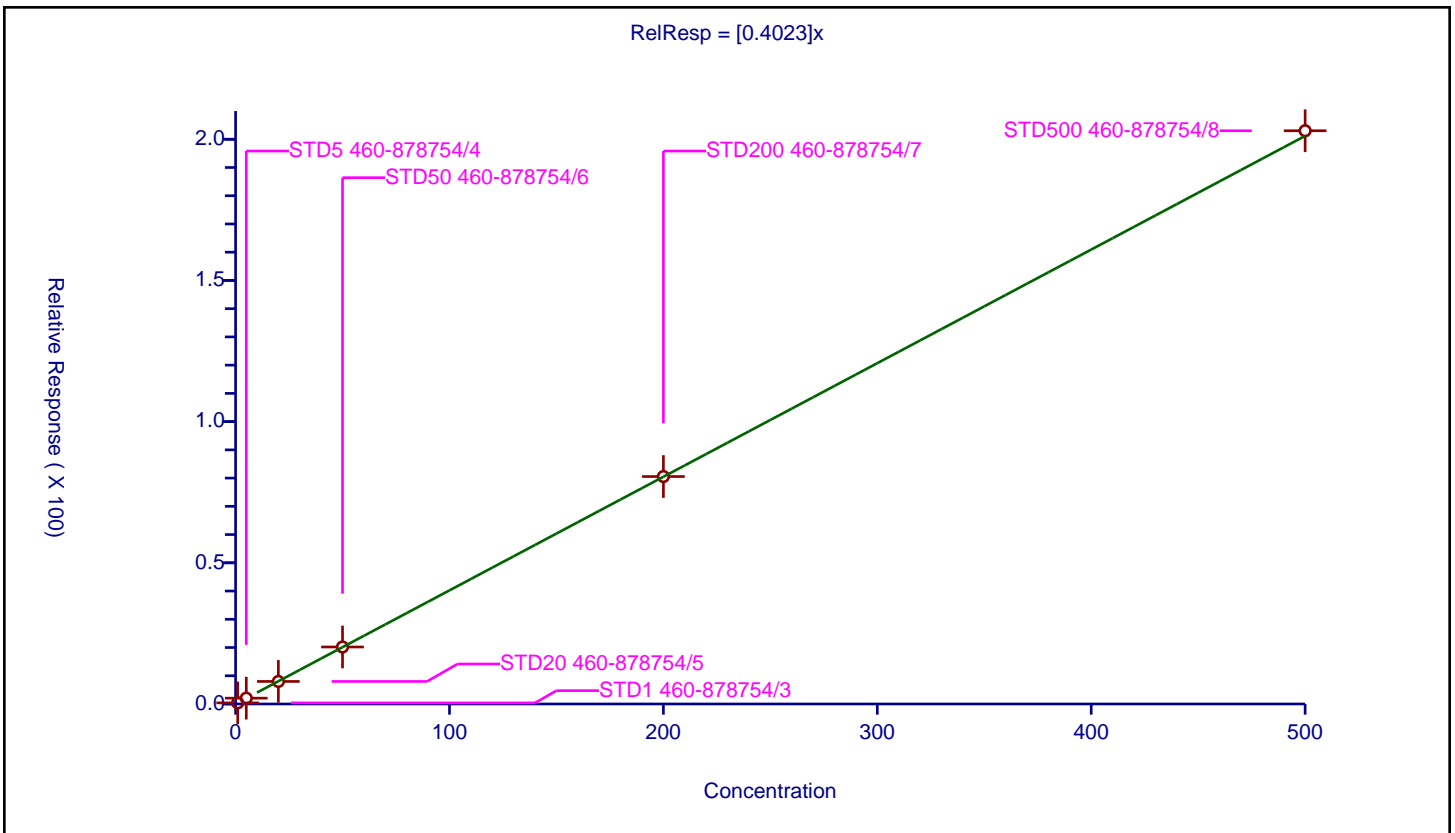
/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4023

Error Coefficients	
Standard Error:	1270000
Relative Standard Error:	2.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.389158	50.0	559285.0	0.389158	Y
2	STD5 460-878754/4	5.0	2.066556	50.0	573684.0	0.413311	Y
3	STD20 460-878754/5	20.0	7.981195	50.0	592712.0	0.39906	Y
4	STD50 460-878754/6	50.0	20.185664	50.0	567799.0	0.403713	Y
5	STD200 460-878754/7	200.0	80.547387	50.0	603942.0	0.402737	Y
6	STD500 460-878754/8	500.0	203.007627	50.0	651743.0	0.406015	Y



Calibration

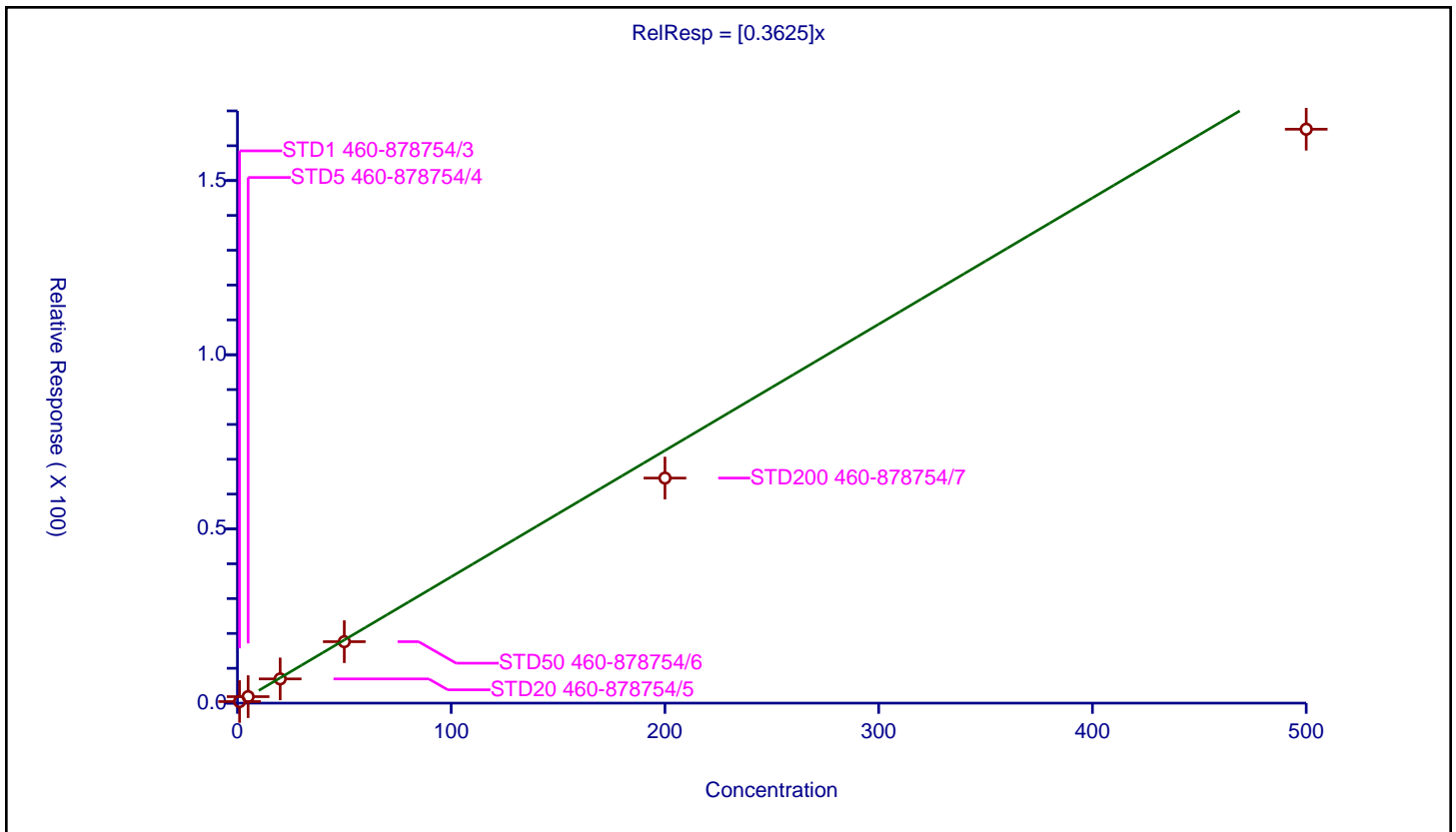
/ cis-1,2-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3625

Error Coefficients	
Standard Error:	1030000
Relative Standard Error:	12.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.450665	50.0	559285.0	0.450665	Y
2	STD5 460-878754/4	5.0	1.859125	50.0	573684.0	0.371825	Y
3	STD20 460-878754/5	20.0	6.95034	50.0	592712.0	0.347517	Y
4	STD50 460-878754/6	50.0	17.640045	50.0	567799.0	0.352801	Y
5	STD200 460-878754/7	200.0	64.598173	50.0	603942.0	0.322991	Y
6	STD500 460-878754/8	500.0	164.739092	50.0	651743.0	0.329478	Y



Calibration

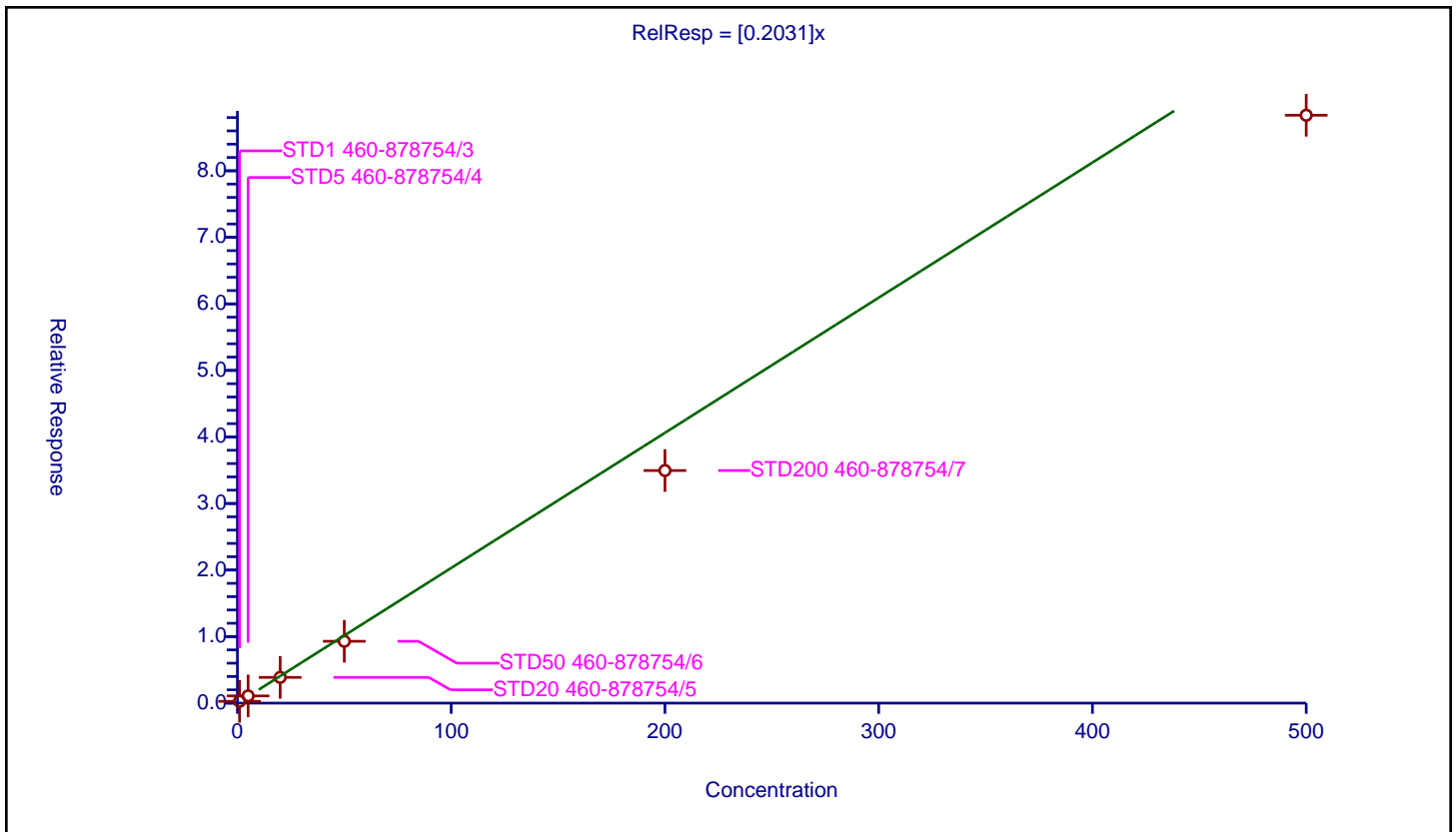
/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2031

Error Coefficients	
Standard Error:	551000
Relative Standard Error:	18.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.271329	50.0	559285.0	0.271329	Y
2	STD5 460-878754/4	5.0	1.082565	50.0	573684.0	0.216513	Y
3	STD20 460-878754/5	20.0	3.866802	50.0	592712.0	0.19334	Y
4	STD50 460-878754/6	50.0	9.294662	50.0	567799.0	0.185893	Y
5	STD200 460-878754/7	200.0	34.954184	50.0	603942.0	0.174771	Y
6	STD500 460-878754/8	500.0	88.349089	50.0	651743.0	0.176698	Y



Calibration

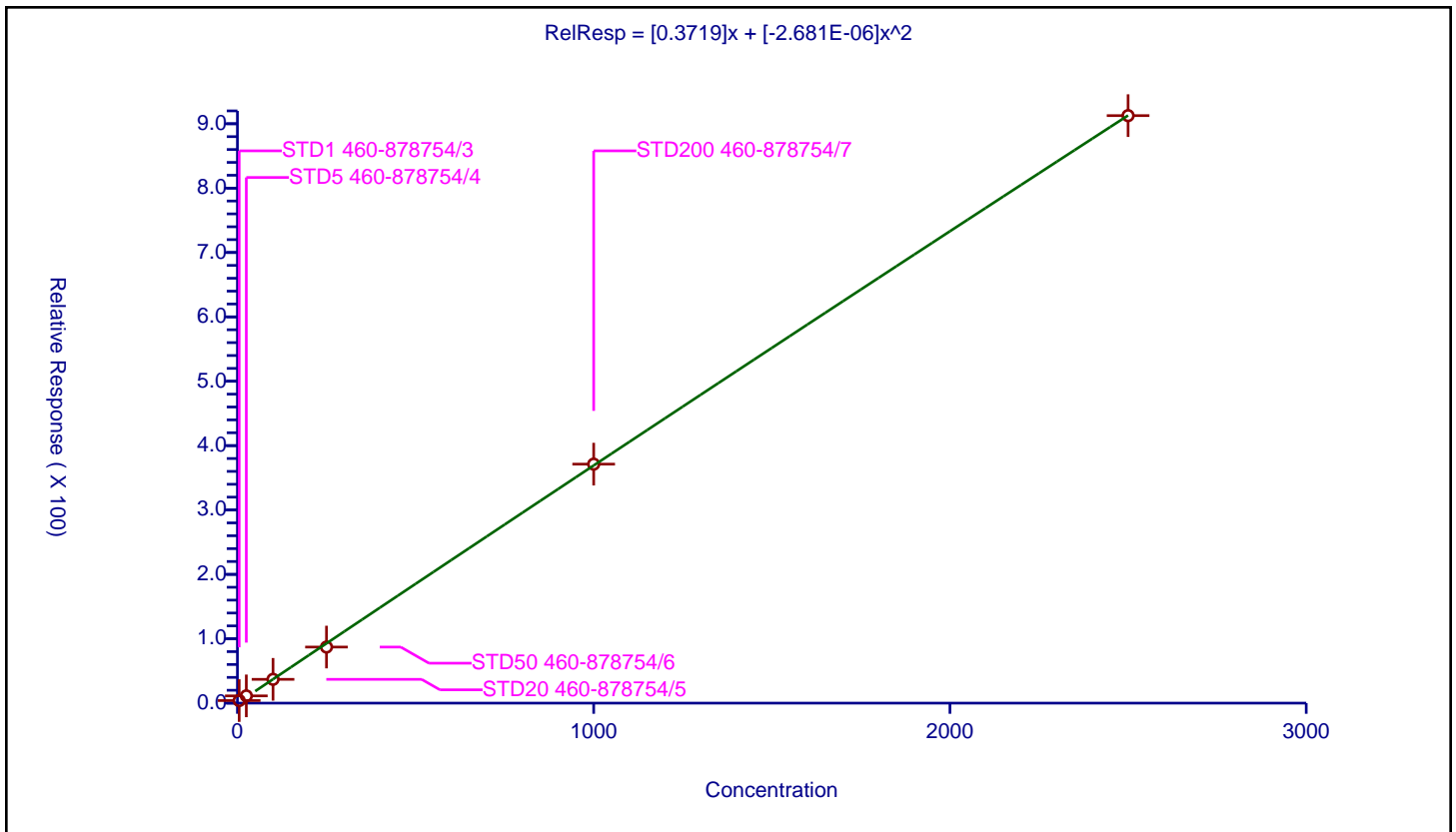
/ 2-Butanone (MEK)

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3719
Second Order:	-2.681E-06

Error Coefficients	
Standard Error:	622000
Relative Standard Error:	58.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	5.0	3.982992	250.0	258474.0	0.796598	Y
2	STD5 460-878754/4	25.0	11.271195	250.0	262328.0	0.450848	Y
3	STD20 460-878754/5	100.0	36.975825	250.0	287857.0	0.369758	Y
4	STD50 460-878754/6	250.0	87.116297	250.0	285116.0	0.348465	Y
5	STD200 460-878754/7	1000.0	371.252248	250.0	284704.0	0.371252	Y
6	STD500 460-878754/8	2500.0	912.651206	250.0	319598.0	0.36506	Y



Calibration

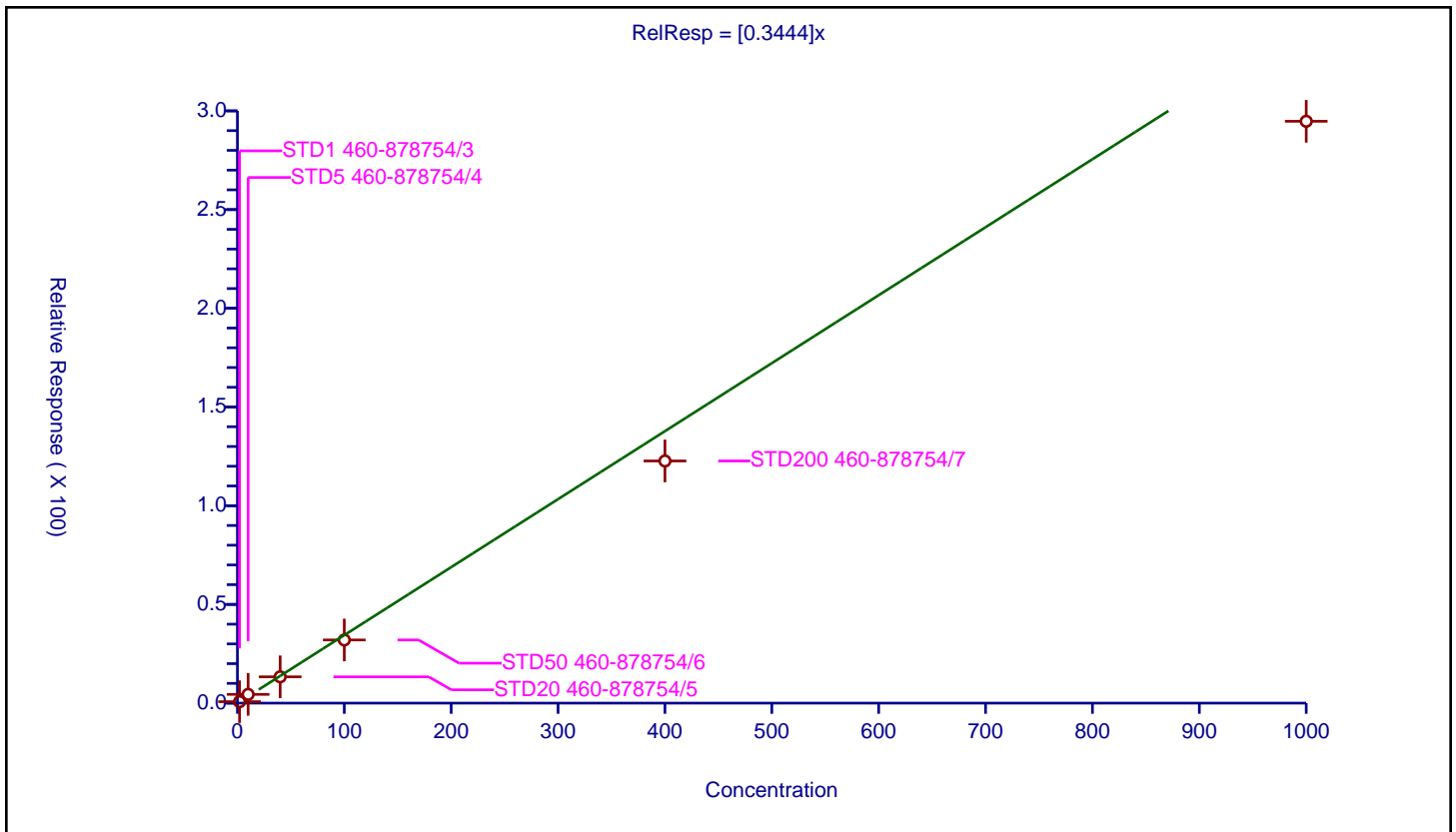
/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3444

Error Coefficients	
Standard Error:	180000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	0.737985	250.0	258474.0	0.368993	Y
2	STD5 460-878754/4	10.0	4.429569	250.0	262328.0	0.442957	Y
3	STD20 460-878754/5	40.0	13.324324	250.0	287857.0	0.333108	Y
4	STD50 460-878754/6	100.0	31.987858	250.0	285116.0	0.319879	Y
5	STD200 460-878754/7	400.0	122.675656	250.0	284704.0	0.306689	Y
6	STD500 460-878754/8	1000.0	294.741363	250.0	319598.0	0.294741	Y



Calibration

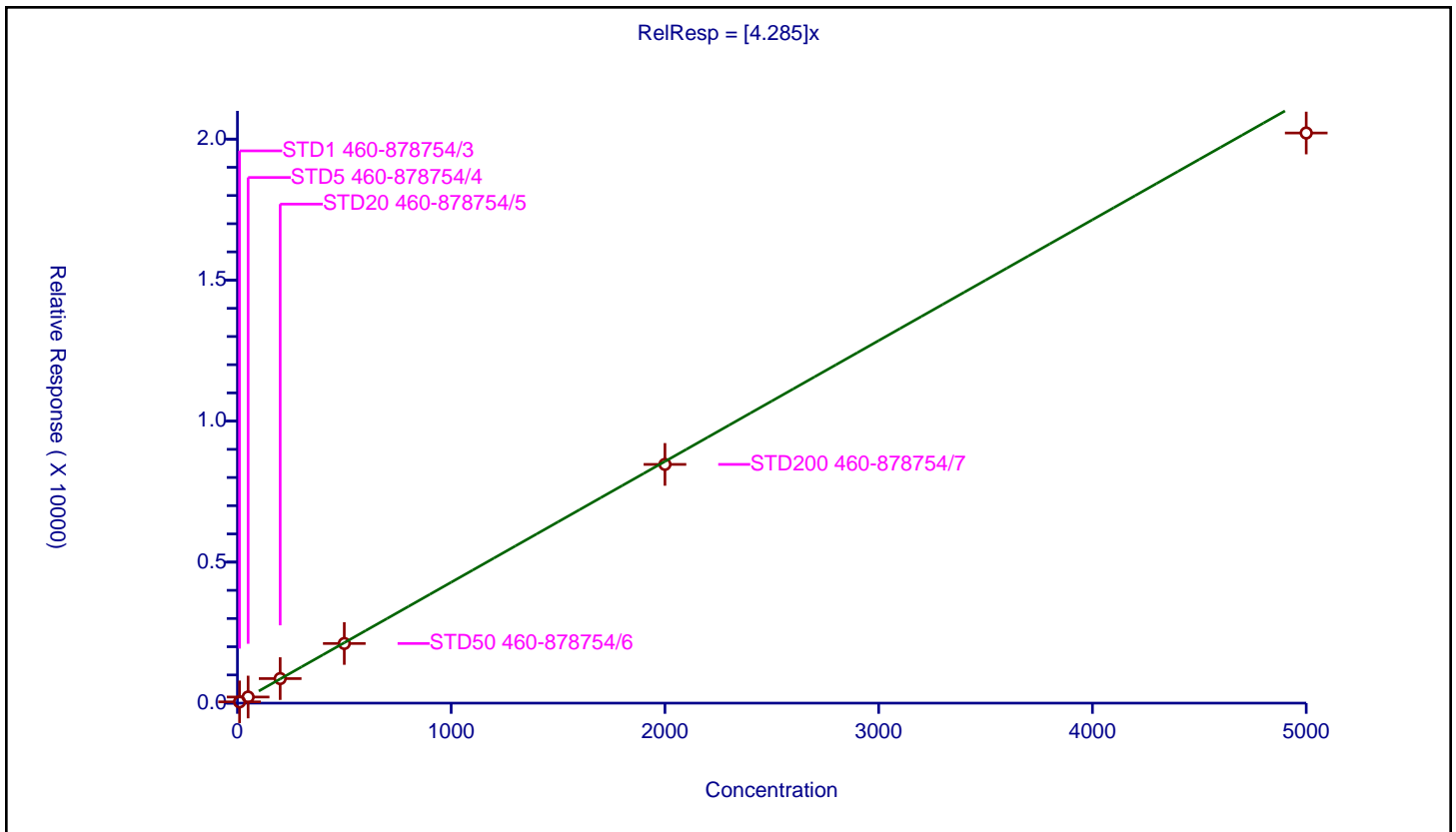
/ Propionitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.285

Error Coefficients	
Standard Error:	1290000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	45.193866	1000.0	112294.0	4.519387	Y
2	STD5 460-878754/4	50.0	216.69286	1000.0	111988.0	4.333857	Y
3	STD20 460-878754/5	200.0	870.132589	1000.0	114640.0	4.350663	Y
4	STD50 460-878754/6	500.0	2114.587218	1000.0	117980.0	4.229174	Y
5	STD200 460-878754/7	2000.0	8465.362577	1000.0	118499.0	4.232681	Y
6	STD500 460-878754/8	5000.0	20216.095424	1000.0	134473.0	4.043219	Y



Calibration

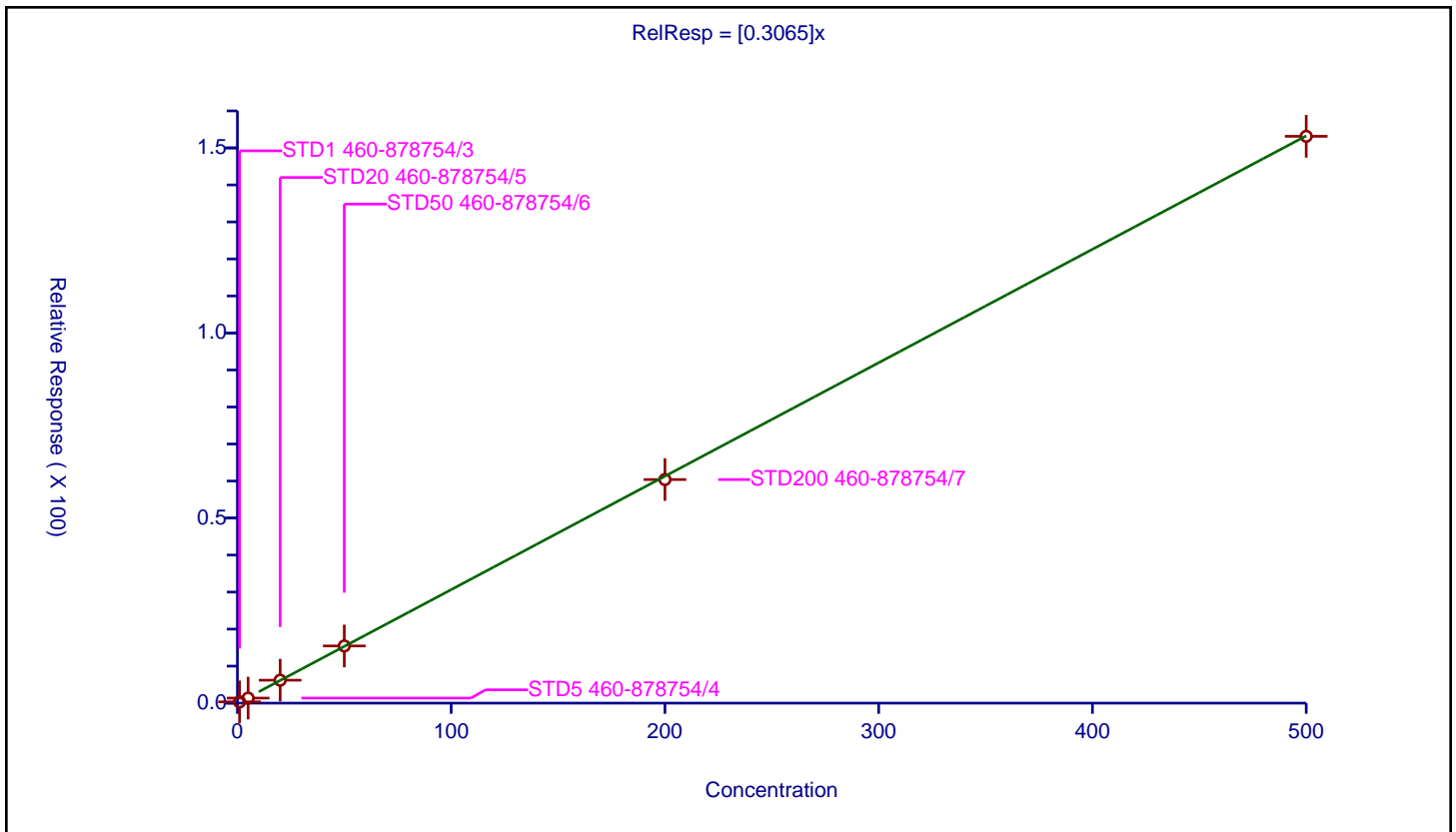
/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3065

Error Coefficients	
Standard Error:	954000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.340256	50.0	559285.0	0.340256	Y
2	STD5 460-878754/4	5.0	1.360069	50.0	573684.0	0.272014	Y
3	STD20 460-878754/5	20.0	6.195673	50.0	592712.0	0.309784	Y
4	STD50 460-878754/6	50.0	15.443141	50.0	567799.0	0.308863	Y
5	STD200 460-878754/7	200.0	60.400005	50.0	603942.0	0.302	Y
6	STD500 460-878754/8	500.0	153.13237	50.0	651743.0	0.306265	Y



Calibration

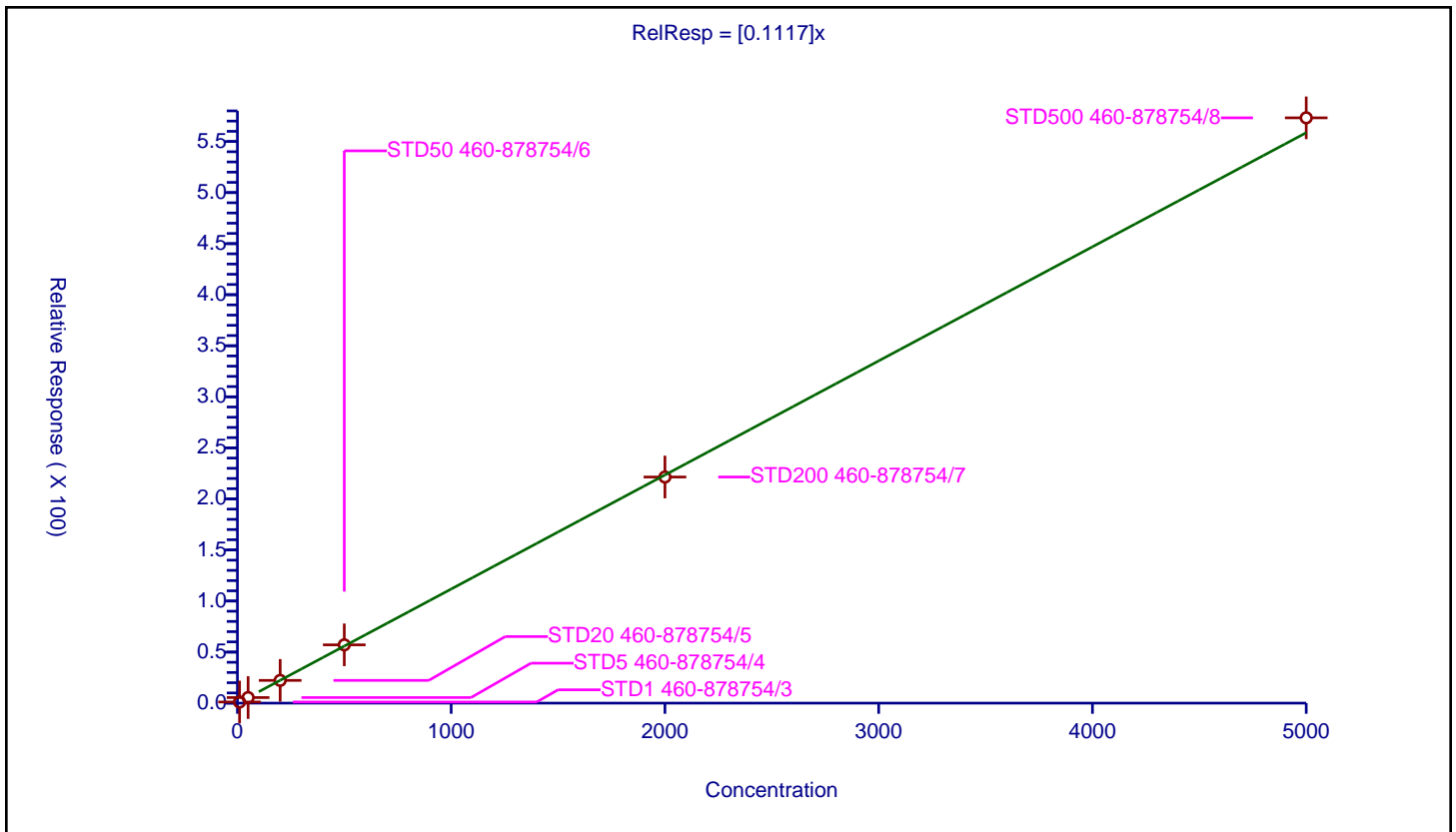
/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1117

Error Coefficients	
Standard Error:	3560000
Relative Standard Error:	1.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	10.0	1.102479	50.0	559285.0	0.110248	Y
2	STD5 460-878754/4	50.0	5.464681	50.0	573684.0	0.109294	Y
3	STD20 460-878754/5	200.0	22.262414	50.0	592712.0	0.111312	Y
4	STD50 460-878754/6	500.0	57.078209	50.0	567799.0	0.114156	Y
5	STD200 460-878754/7	2000.0	221.420848	50.0	603942.0	0.11071	Y
6	STD500 460-878754/8	5000.0	573.181837	50.0	651743.0	0.114636	Y



Calibration

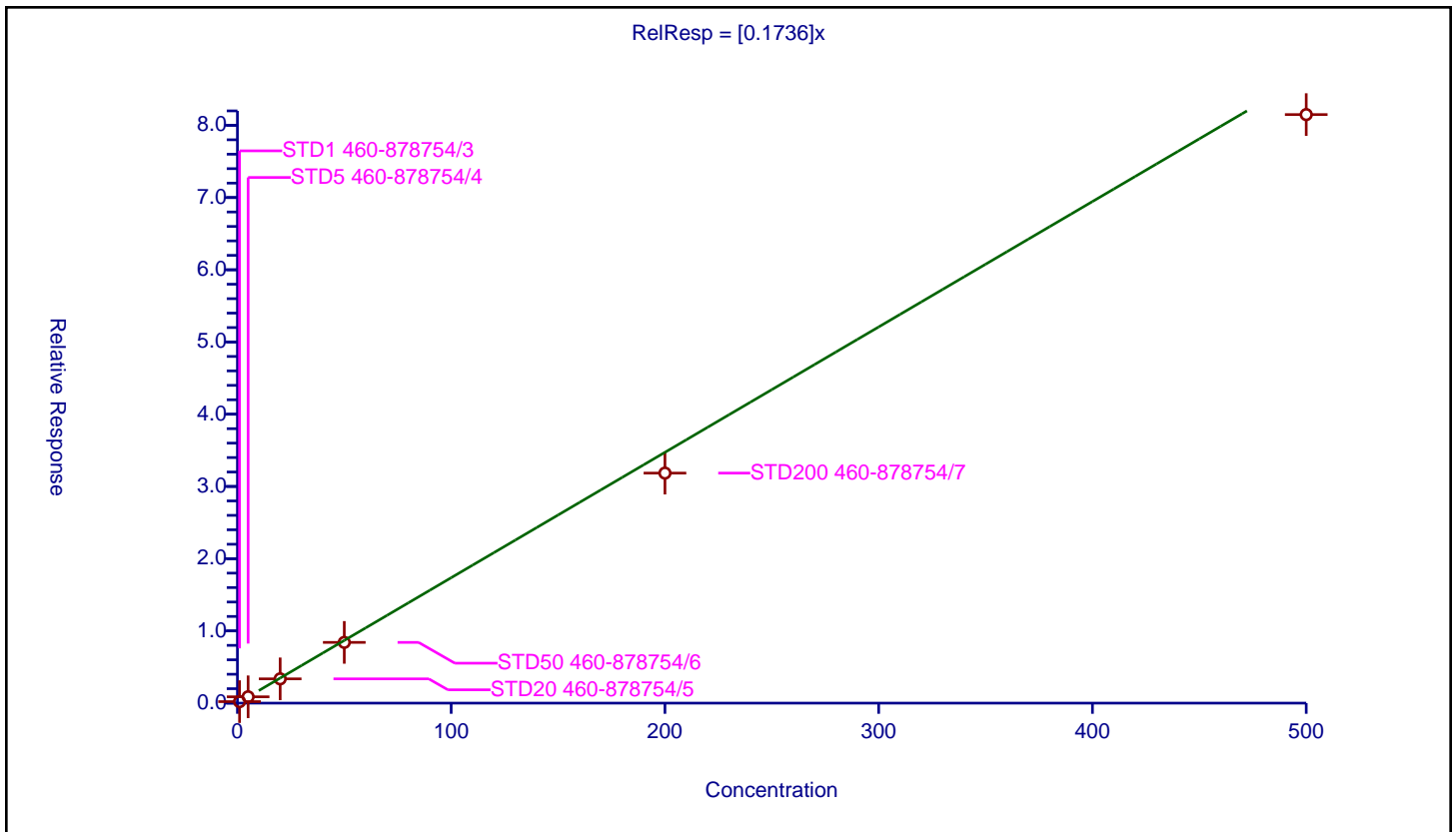
/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1736

Error Coefficients	
Standard Error:	507000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.208212	50.0	559285.0	0.208212	Y
2	STD5 460-878754/4	5.0	0.874959	50.0	573684.0	0.174992	Y
3	STD20 460-878754/5	20.0	3.362173	50.0	592712.0	0.168109	Y
4	STD50 460-878754/6	50.0	8.410371	50.0	567799.0	0.168207	Y
5	STD200 460-878754/7	200.0	31.849747	50.0	603942.0	0.159249	Y
6	STD500 460-878754/8	500.0	81.487181	50.0	651743.0	0.162974	Y



Calibration

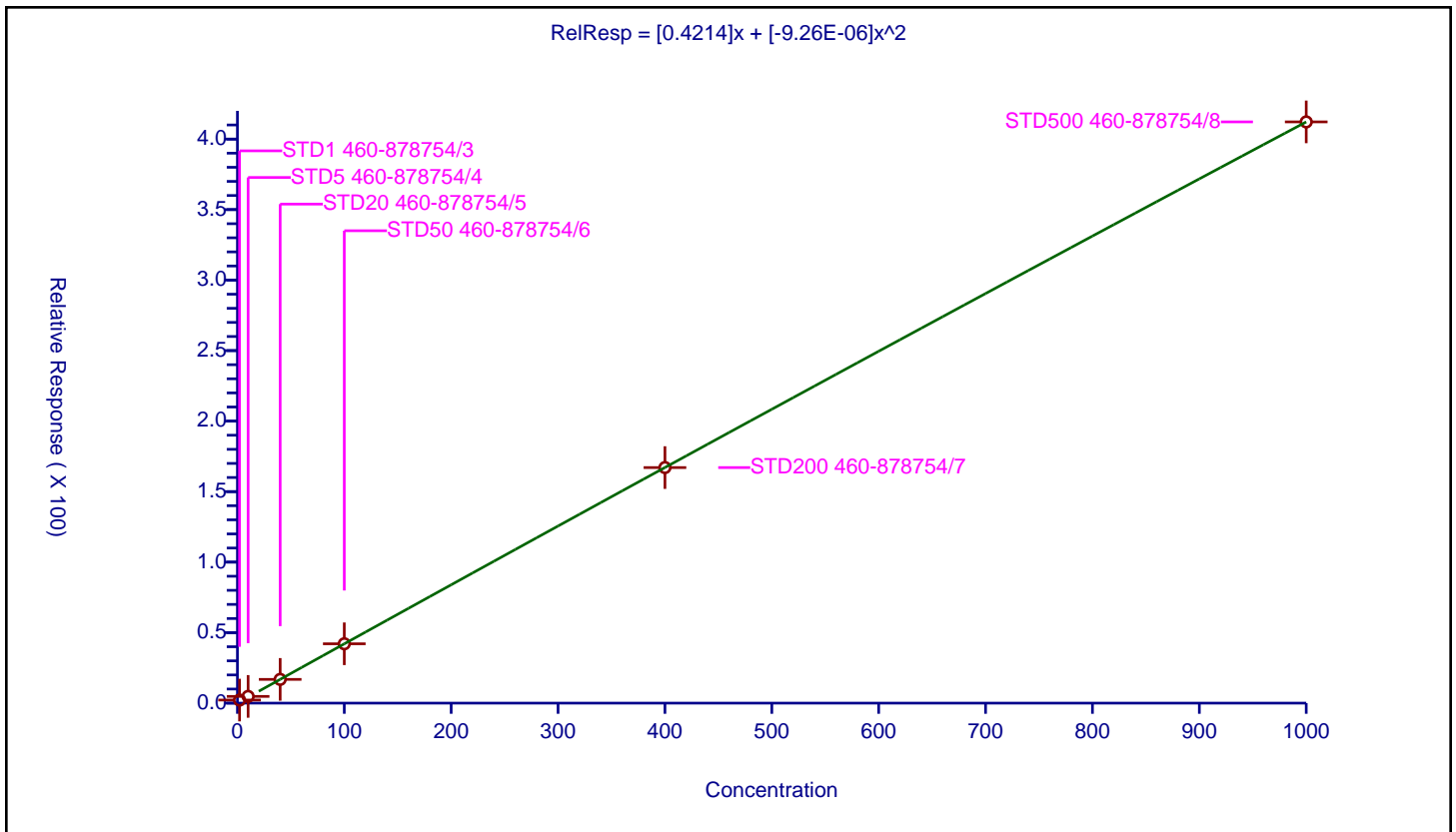
/ Tetrahydrofuran

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4214
Second Order:	-9.26E-06

Error Coefficients	
Standard Error:	281000
Relative Standard Error:	79.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	2.18107	250.0	258474.0	1.090535	Y
2	STD5 460-878754/4	10.0	4.770745	250.0	262328.0	0.477075	Y
3	STD20 460-878754/5	40.0	16.846038	250.0	287857.0	0.421151	Y
4	STD50 460-878754/6	100.0	42.089886	250.0	285116.0	0.420899	Y
5	STD200 460-878754/7	400.0	167.046301	250.0	284704.0	0.417616	Y
6	STD500 460-878754/8	1000.0	412.189688	250.0	319598.0	0.41219	Y



Calibration

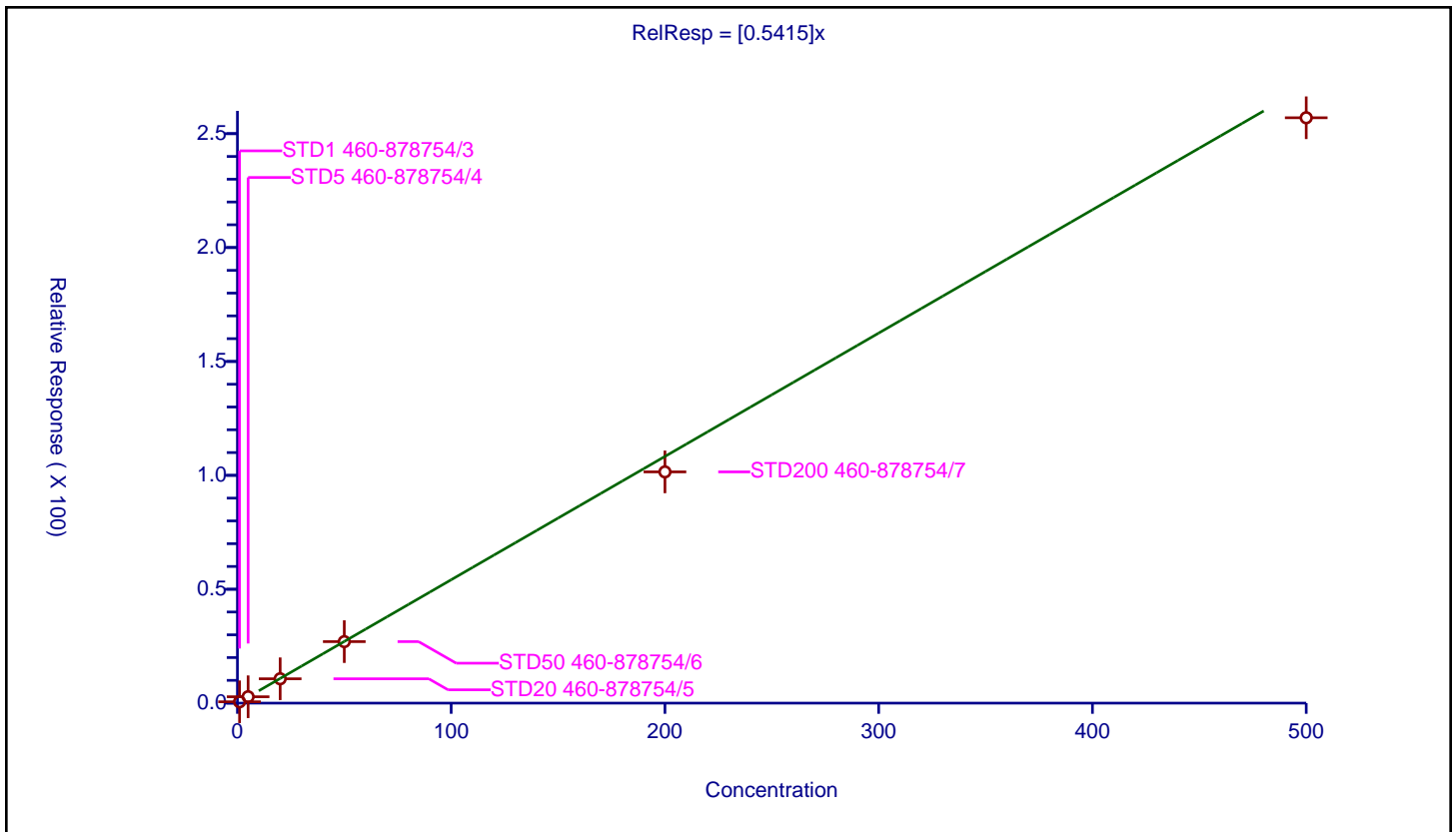
/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5415

Error Coefficients	
Standard Error:	1600000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.593704	50.0	559285.0	0.593704	Y
2	STD5 460-878754/4	5.0	2.796226	50.0	573684.0	0.559245	Y
3	STD20 460-878754/5	20.0	10.687231	50.0	592712.0	0.534362	Y
4	STD50 460-878754/6	50.0	27.001368	50.0	567799.0	0.540027	Y
5	STD200 460-878754/7	200.0	101.516205	50.0	603942.0	0.507581	Y
6	STD500 460-878754/8	500.0	256.986803	50.0	651743.0	0.513974	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

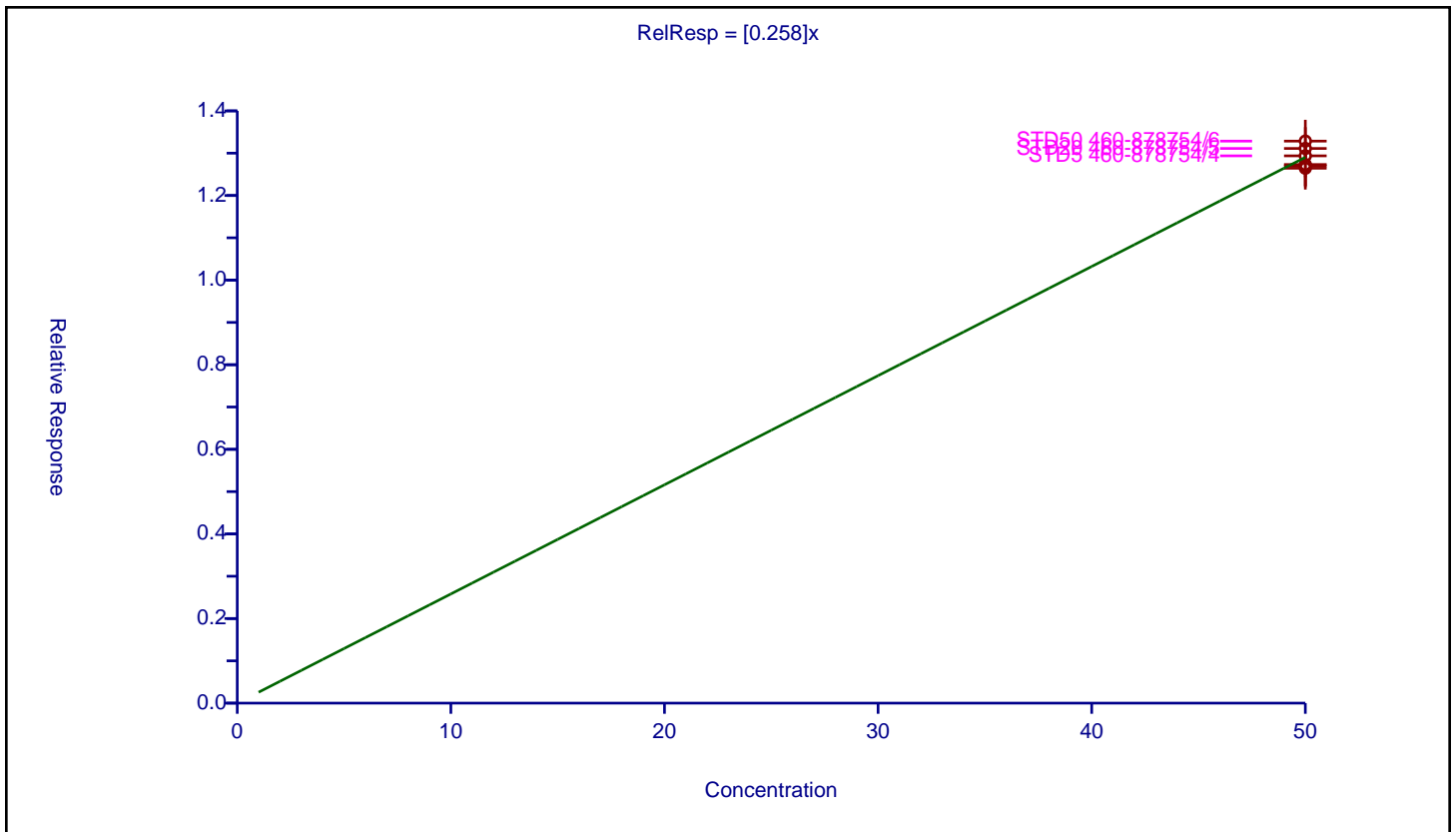
Curve Coefficients

Intercept: 0
 Slope: 0.258

Error Coefficients

Standard Error: 167000
 Relative Standard Error: 2.0
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	50.0	12.70068	50.0	559285.0	0.254014	Y
2	STD5 460-878754/4	50.0	12.937523	50.0	573684.0	0.25875	Y
3	STD20 460-878754/5	50.0	13.111933	50.0	592712.0	0.262239	Y
4	STD50 460-878754/6	50.0	13.285247	50.0	567799.0	0.265705	Y
5	STD200 460-878754/7	50.0	12.732183	50.0	603942.0	0.254644	Y
6	STD500 460-878754/8	50.0	12.644785	50.0	651743.0	0.252896	Y



Calibration

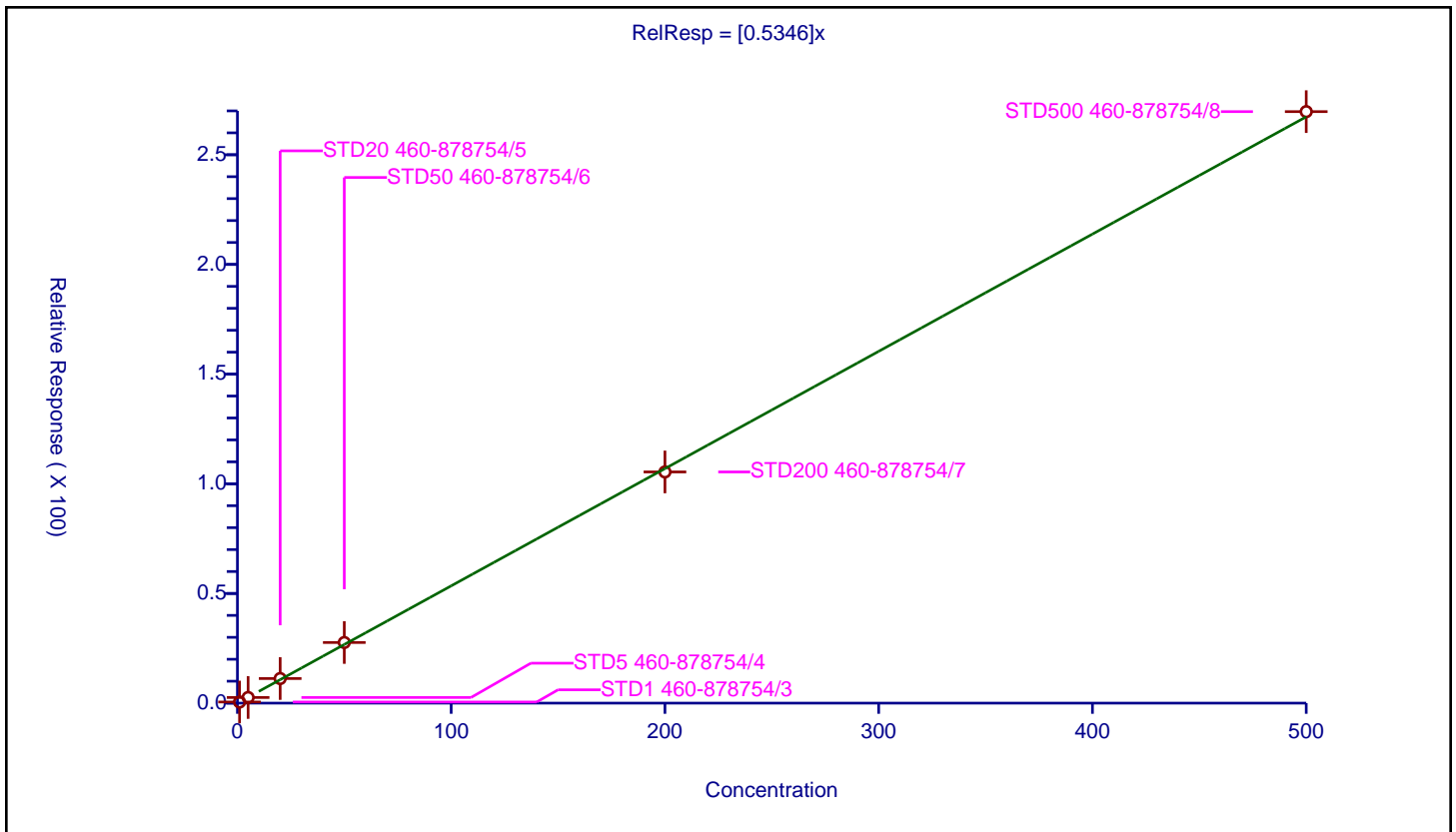
/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5346

Error Coefficients	
Standard Error:	1680000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.51396	50.0	559285.0	0.51396	Y
2	STD5 460-878754/4	5.0	2.568923	50.0	573684.0	0.513785	Y
3	STD20 460-878754/5	20.0	11.210672	50.0	592712.0	0.560534	Y
4	STD50 460-878754/6	50.0	27.647284	50.0	567799.0	0.552946	Y
5	STD200 460-878754/7	200.0	105.396462	50.0	603942.0	0.526982	Y
6	STD500 460-878754/8	500.0	269.665113	50.0	651743.0	0.53933	Y



Calibration

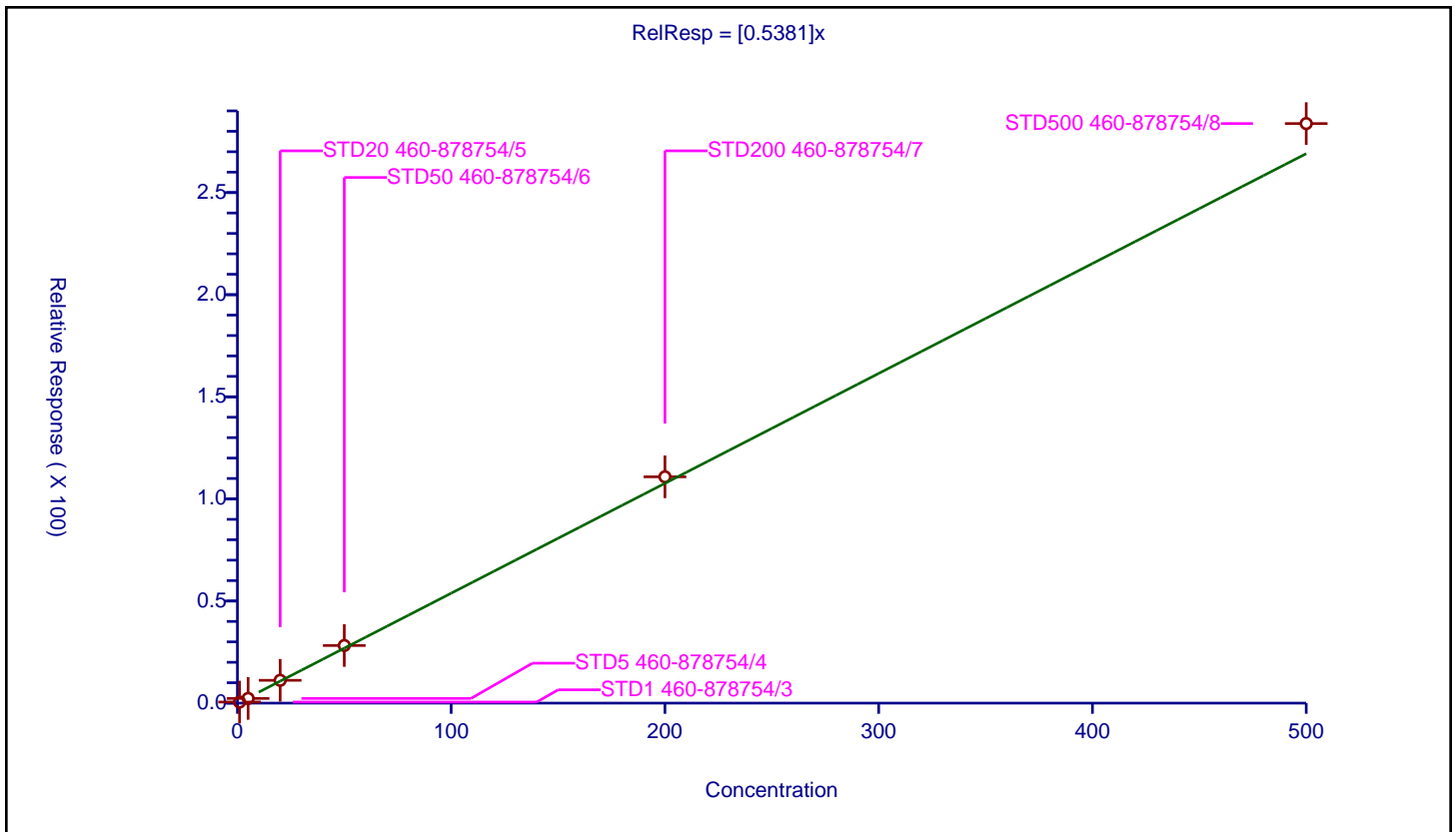
/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5381

Error Coefficients	
Standard Error:	1770000
Relative Standard Error:	7.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.523794	50.0	559285.0	0.523794	Y
2	STD5 460-878754/4	5.0	2.302923	50.0	573684.0	0.460585	Y
3	STD20 460-878754/5	20.0	11.168746	50.0	592712.0	0.558437	Y
4	STD50 460-878754/6	50.0	28.211128	50.0	567799.0	0.564223	Y
5	STD200 460-878754/7	200.0	110.820741	50.0	603942.0	0.554104	Y
6	STD500 460-878754/8	500.0	283.794609	50.0	651743.0	0.567589	Y



Calibration

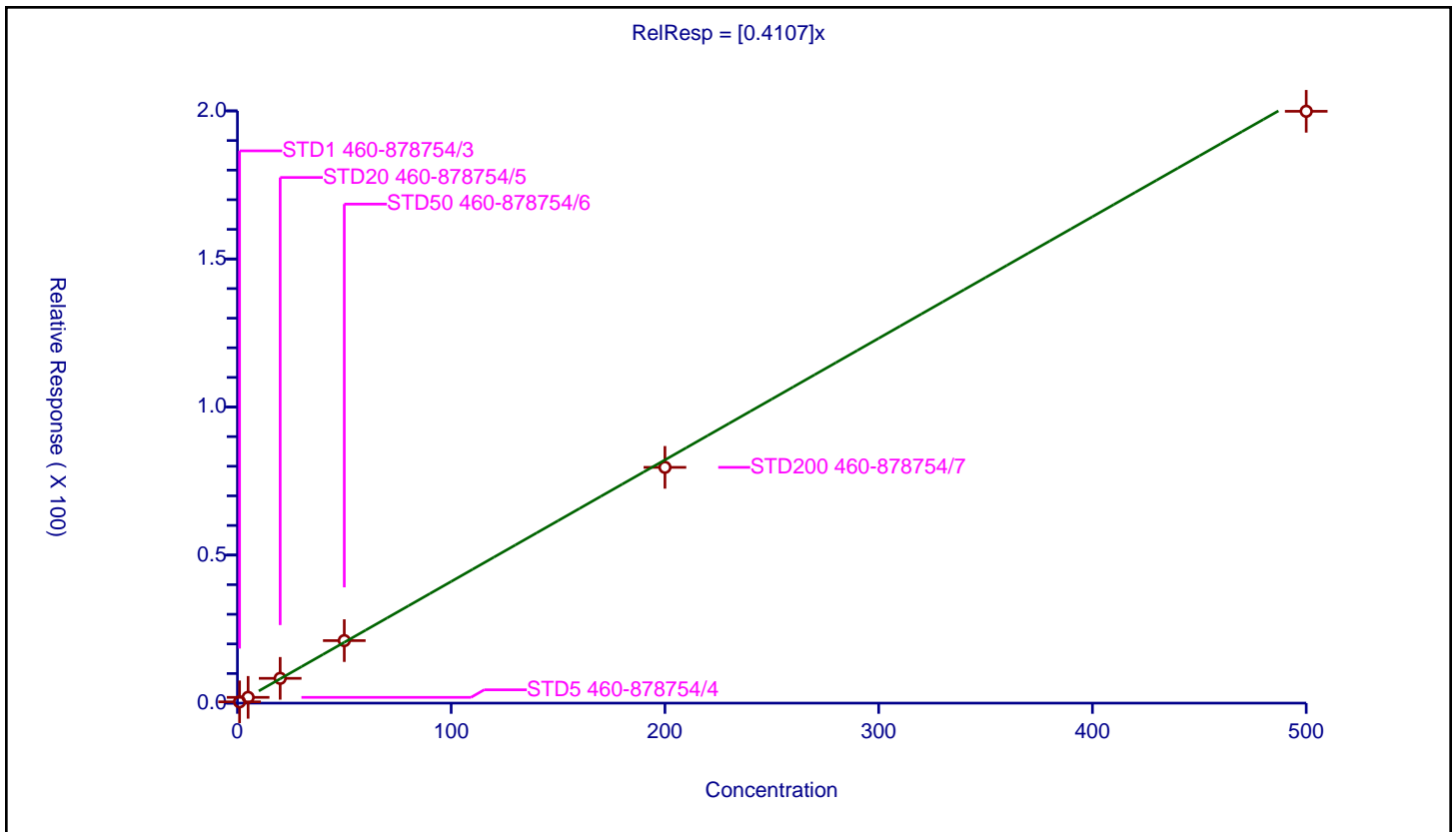
/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4107

Error Coefficients	
Standard Error:	1250000
Relative Standard Error:	4.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.436093	50.0	559285.0	0.436093	Y
2	STD5 460-878754/4	5.0	1.94567	50.0	573684.0	0.389134	Y
3	STD20 460-878754/5	20.0	8.372194	50.0	592712.0	0.41861	Y
4	STD50 460-878754/6	50.0	21.11742	50.0	567799.0	0.422348	Y
5	STD200 460-878754/7	200.0	79.624037	50.0	603942.0	0.39812	Y
6	STD500 460-878754/8	500.0	199.868276	50.0	651743.0	0.399737	Y



Calibration

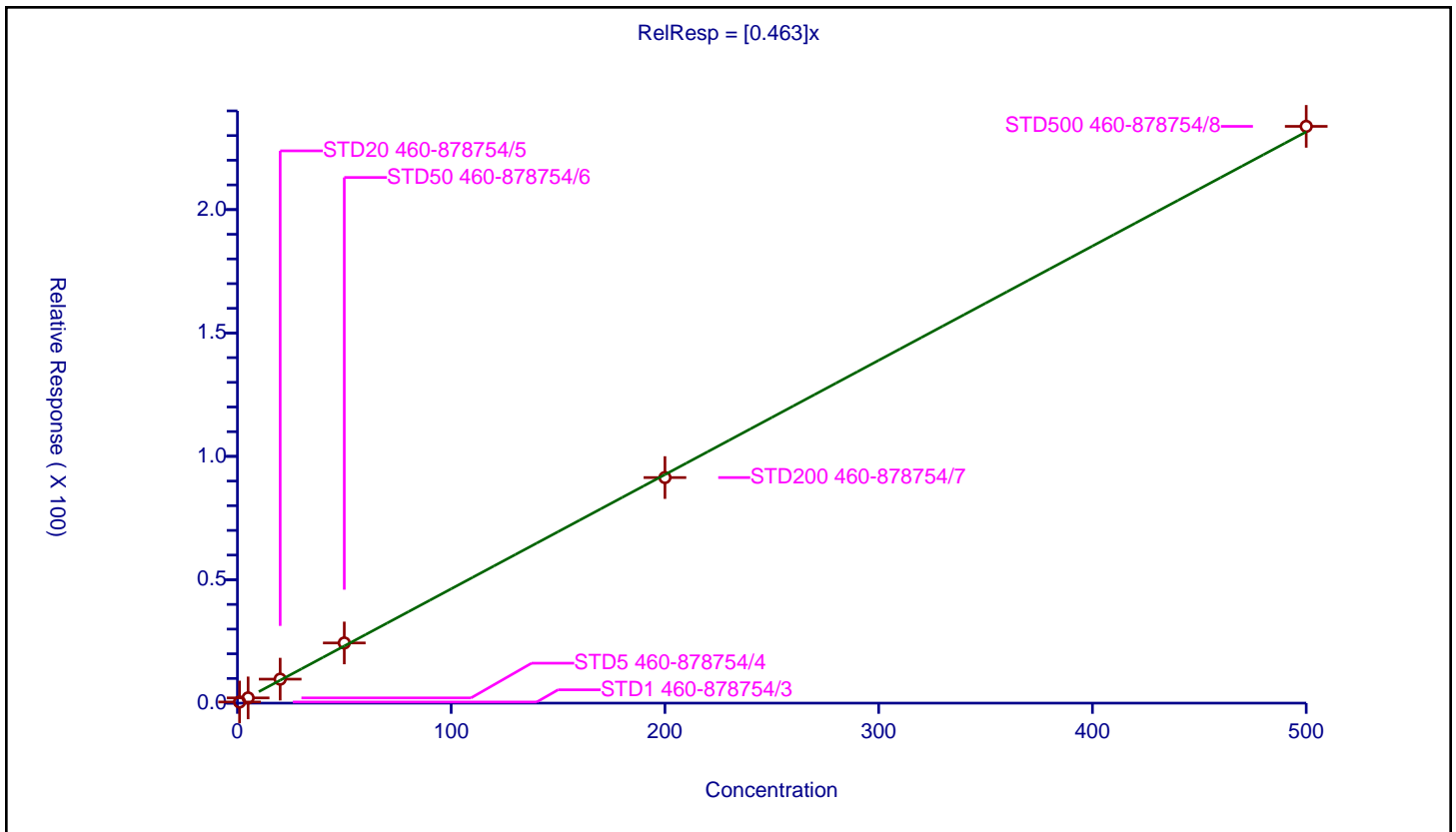
/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.463

Error Coefficients	
Standard Error:	1460000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.457012	50.0	559285.0	0.457012	Y
2	STD5 460-878754/4	5.0	2.115799	50.0	573684.0	0.42316	Y
3	STD20 460-878754/5	20.0	9.717283	50.0	592712.0	0.485864	Y
4	STD50 460-878754/6	50.0	24.382044	50.0	567799.0	0.487641	Y
5	STD200 460-878754/7	200.0	91.410185	50.0	603942.0	0.457051	Y
6	STD500 460-878754/8	500.0	233.727558	50.0	651743.0	0.467455	Y



Calibration

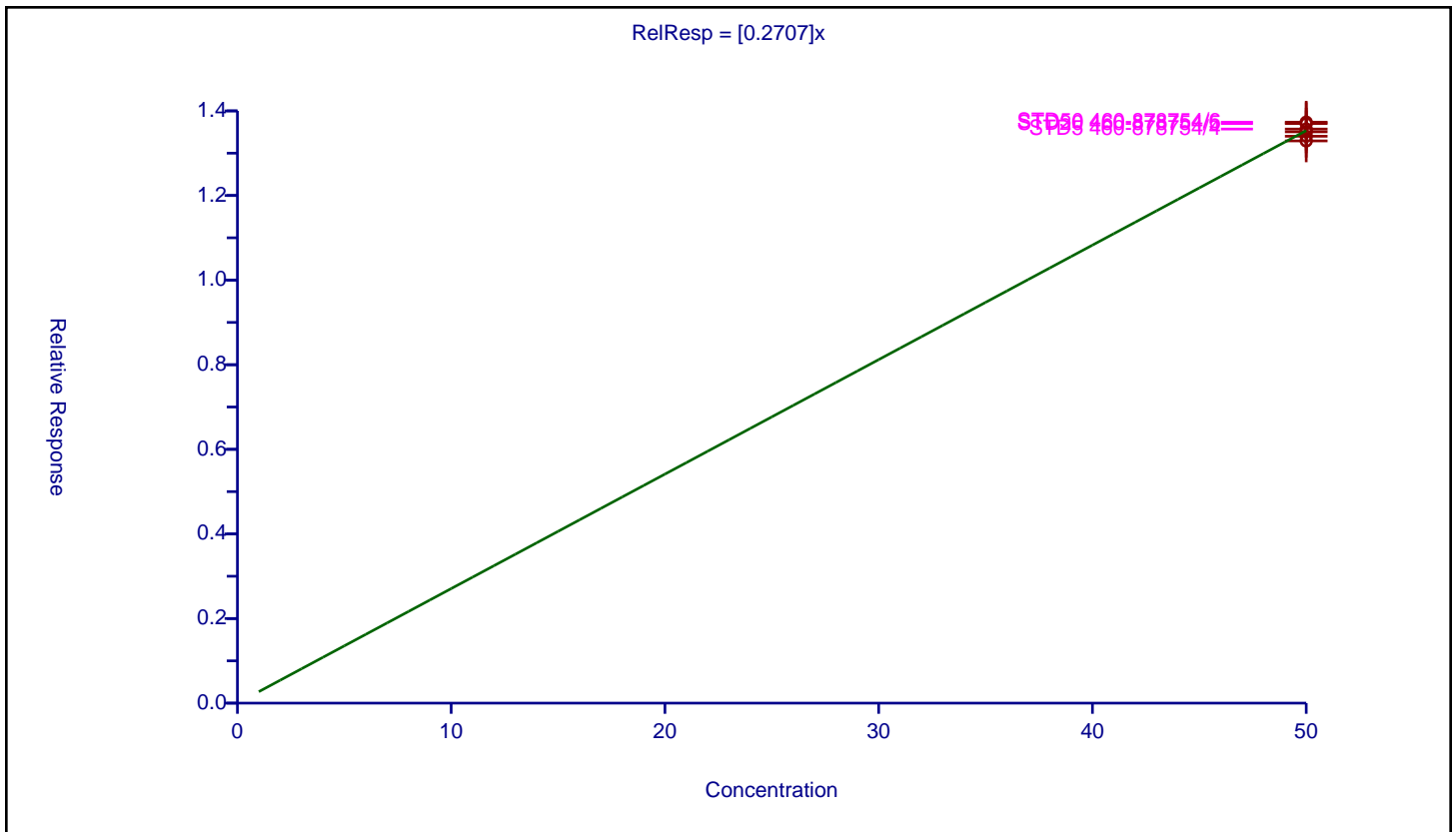
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2707

Error Coefficients	
Standard Error:	176000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	50.0	13.400771	50.0	559285.0	0.268015	Y
2	STD5 460-878754/4	50.0	13.57045	50.0	573684.0	0.271409	Y
3	STD20 460-878754/5	50.0	13.699402	50.0	592712.0	0.273988	Y
4	STD50 460-878754/6	50.0	13.733029	50.0	567799.0	0.274661	Y
5	STD200 460-878754/7	50.0	13.505353	50.0	603942.0	0.270107	Y
6	STD500 460-878754/8	50.0	13.290438	50.0	651743.0	0.265809	Y



Calibration

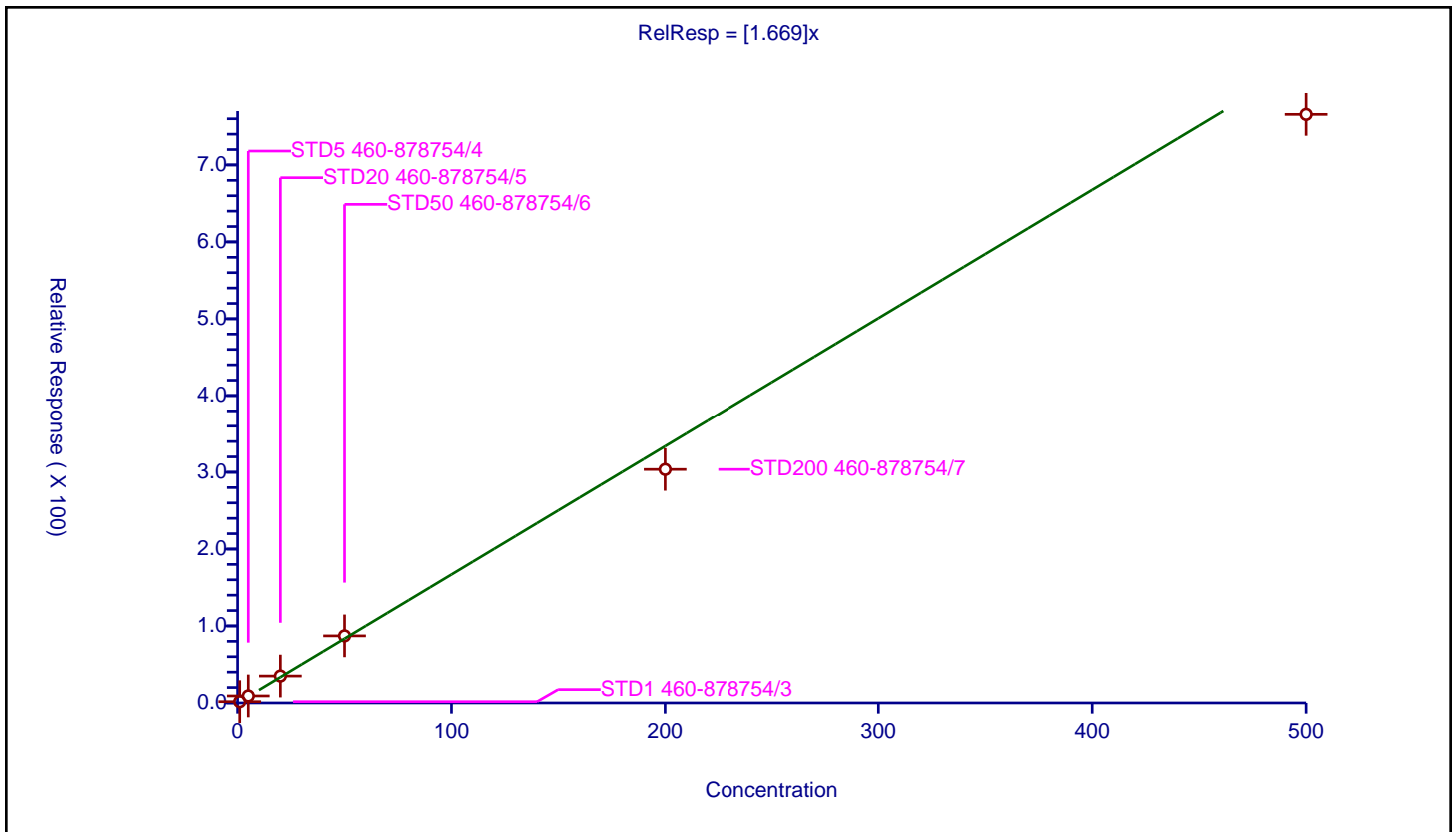
/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.669

Error Coefficients	
Standard Error:	3810000
Relative Standard Error:	7.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.66194	50.0	395261.0	1.66194	Y
2	STD5 460-878754/4	5.0	9.080931	50.0	397674.0	1.816186	Y
3	STD20 460-878754/5	20.0	34.913909	50.0	419035.0	1.745695	Y
4	STD50 460-878754/6	50.0	87.092006	50.0	411311.0	1.74184	Y
5	STD200 460-878754/7	200.0	303.587583	50.0	471334.0	1.517938	Y
6	STD500 460-878754/8	500.0	765.697925	50.0	521295.0	1.531396	Y



Calibration

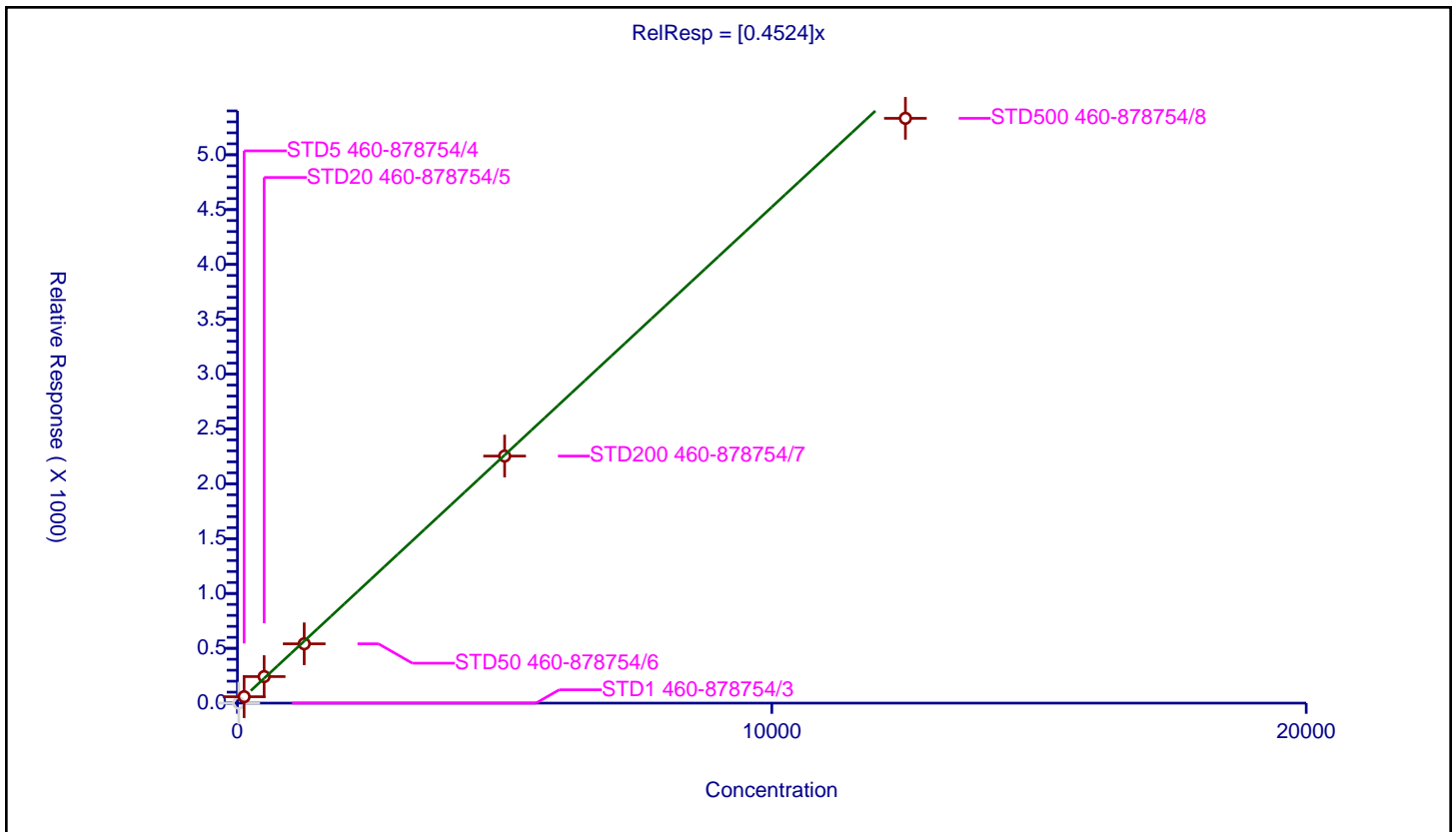
/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4524

Error Coefficients	
Standard Error:	381000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	25.0	0.0	1000.0	112294.0	0.0	N
2	STD5 460-878754/4	125.0	58.47948	1000.0	111988.0	0.467836	Y
3	STD20 460-878754/5	500.0	242.044662	1000.0	114640.0	0.484089	Y
4	STD50 460-878754/6	1250.0	540.939142	1000.0	117980.0	0.432751	Y
5	STD200 460-878754/7	5000.0	2252.651921	1000.0	118499.0	0.45053	Y
6	STD500 460-878754/8	12500.0	5332.17077	1000.0	134473.0	0.426574	Y



Calibration

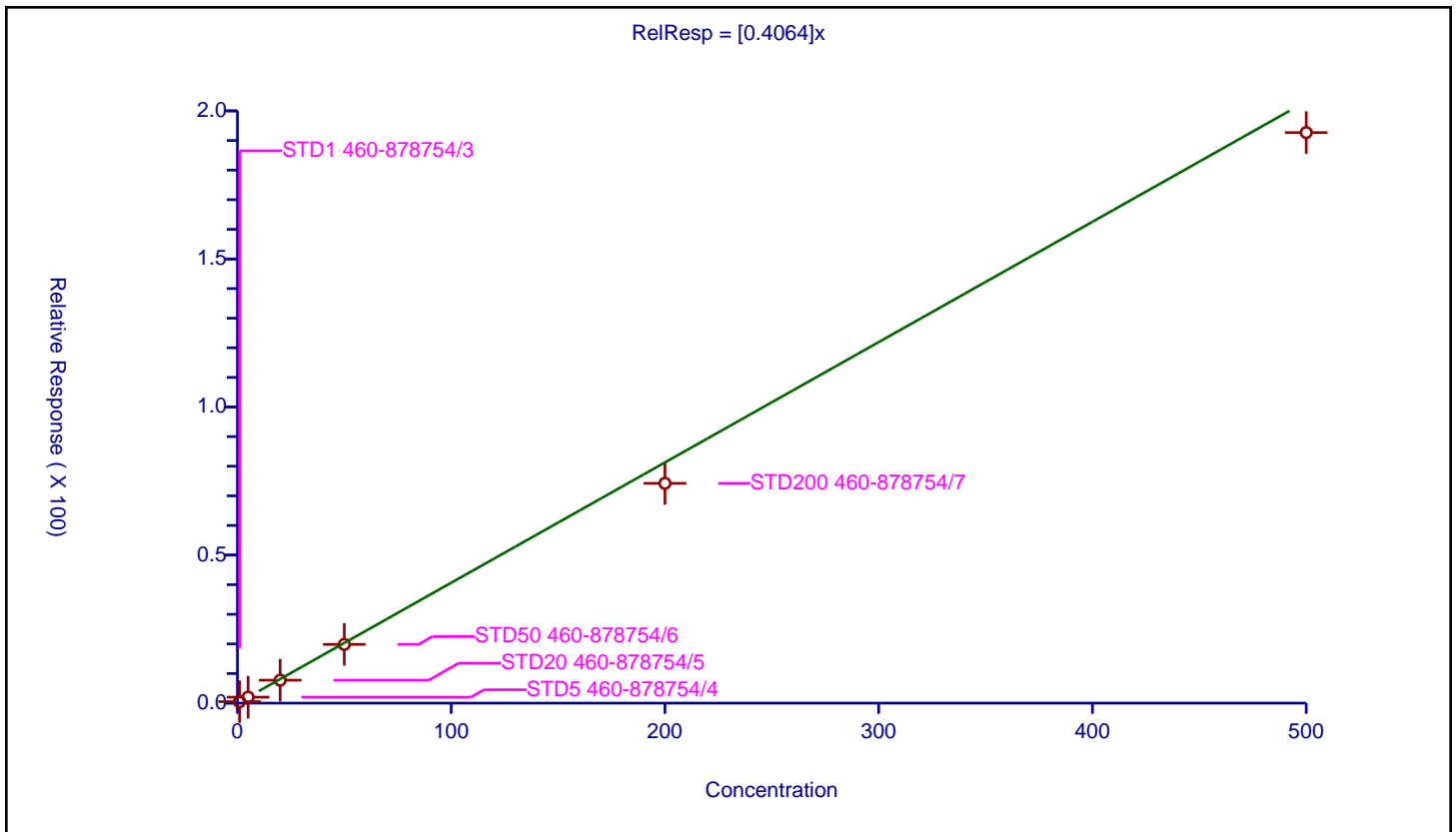
/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4064

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	11.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.494828	50.0	559285.0	0.494828	Y
2	STD5 460-878754/4	5.0	2.014437	50.0	573684.0	0.402887	Y
3	STD20 460-878754/5	20.0	7.744739	50.0	592712.0	0.387237	Y
4	STD50 460-878754/6	50.0	19.84056	50.0	567799.0	0.396811	Y
5	STD200 460-878754/7	200.0	74.222856	50.0	603942.0	0.371114	Y
6	STD500 460-878754/8	500.0	192.665744	50.0	651743.0	0.385331	Y



Calibration

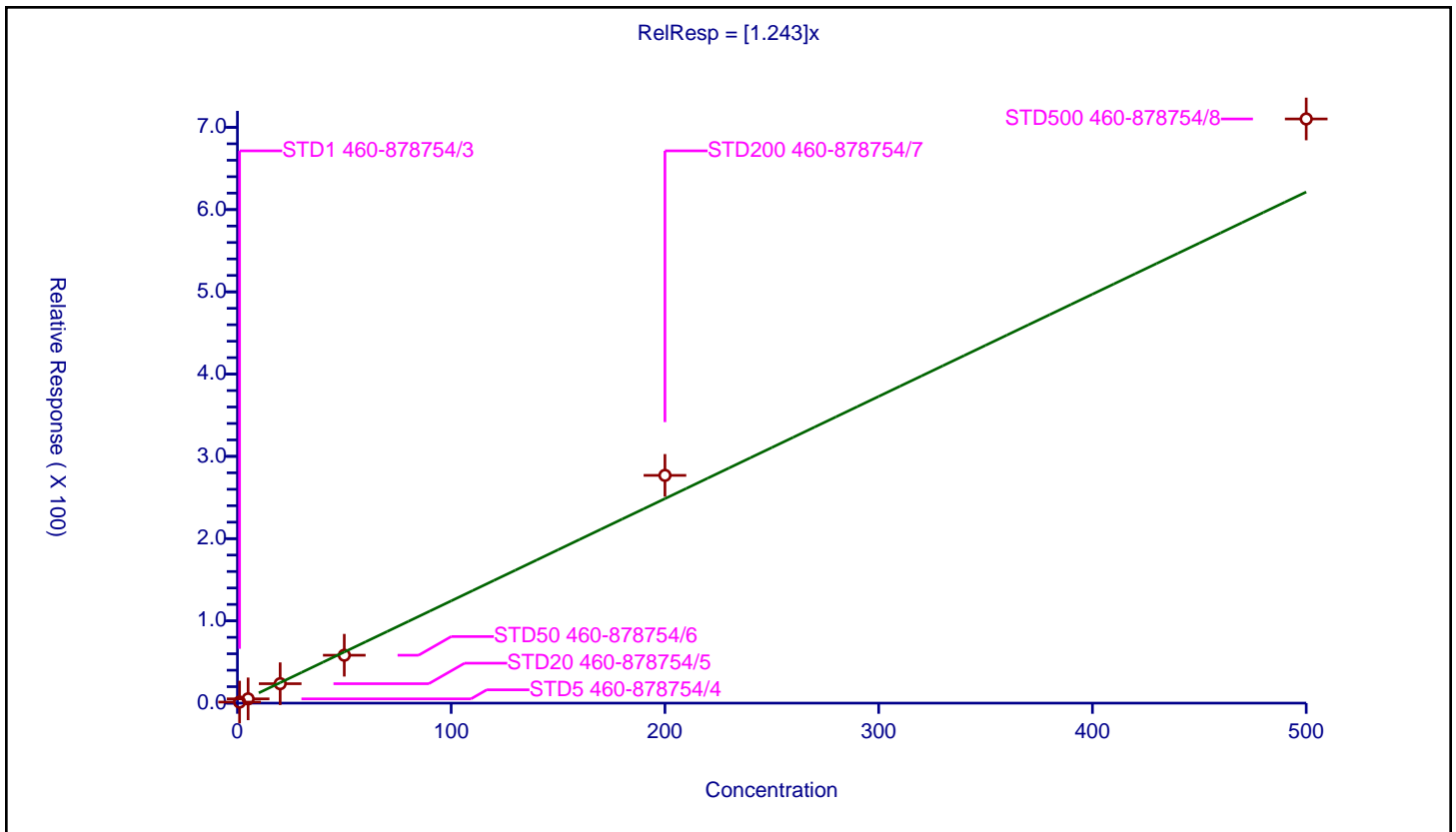
/ Isooctane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.243

Error Coefficients	
Standard Error:	4410000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.266081	50.0	559285.0	1.266081	Y
2	STD5 460-878754/4	5.0	5.205915	50.0	573684.0	1.041183	Y
3	STD20 460-878754/5	20.0	23.610624	50.0	592712.0	1.180531	Y
4	STD50 460-878754/6	50.0	58.225182	50.0	567799.0	1.164504	Y
5	STD200 460-878754/7	200.0	276.87816	50.0	603942.0	1.384391	Y
6	STD500 460-878754/8	500.0	710.179473	50.0	651743.0	1.420359	Y



Calibration

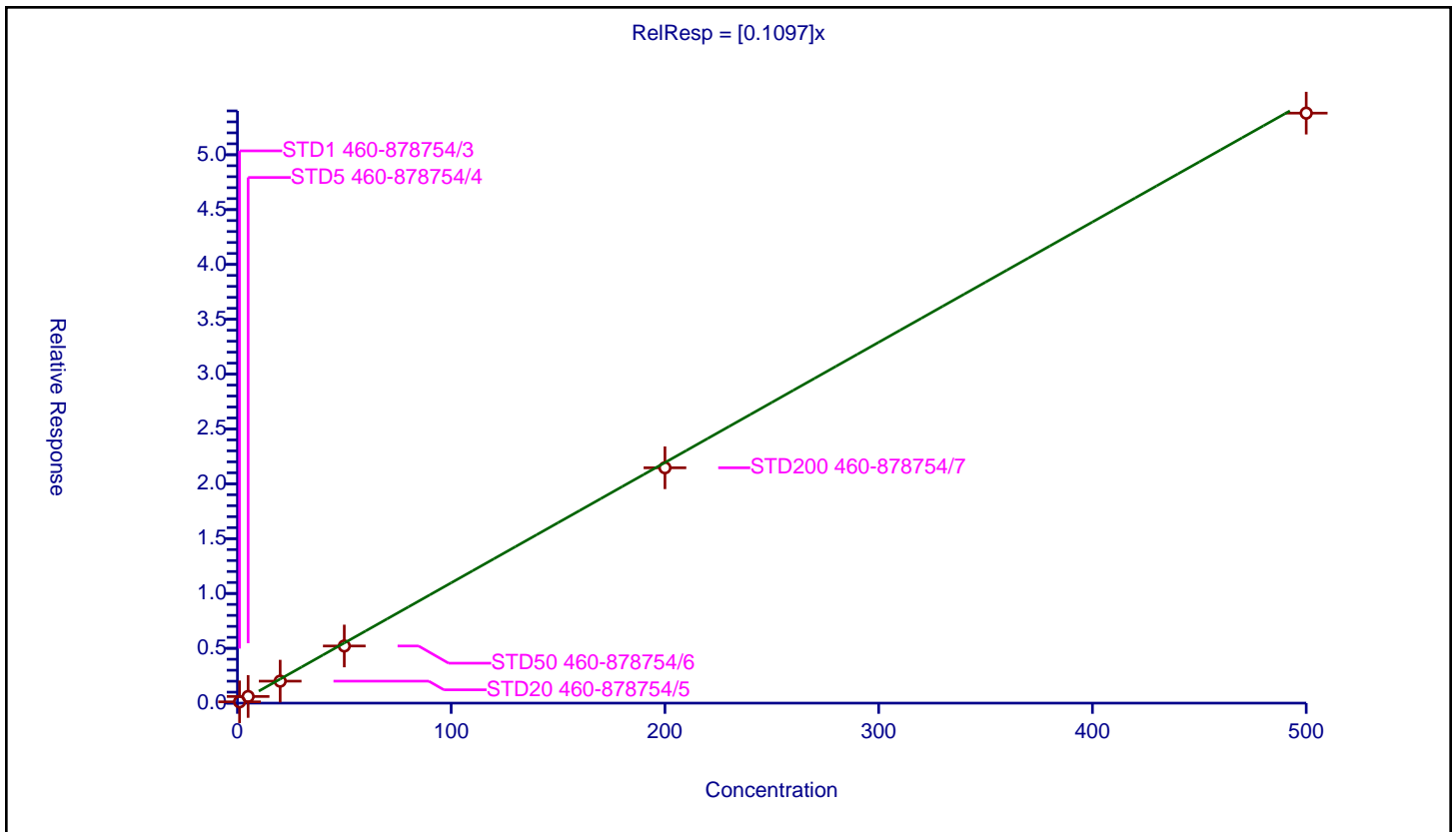
/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1097

Error Coefficients	
Standard Error:	336000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.117382	50.0	559285.0	0.117382	Y
2	STD5 460-878754/4	5.0	0.606867	50.0	573684.0	0.121373	Y
3	STD20 460-878754/5	20.0	2.004177	50.0	592712.0	0.100209	Y
4	STD50 460-878754/6	50.0	5.209414	50.0	567799.0	0.104188	Y
5	STD200 460-878754/7	200.0	21.458186	50.0	603942.0	0.107291	Y
6	STD500 460-878754/8	500.0	53.796052	50.0	651743.0	0.107592	Y



Calibration

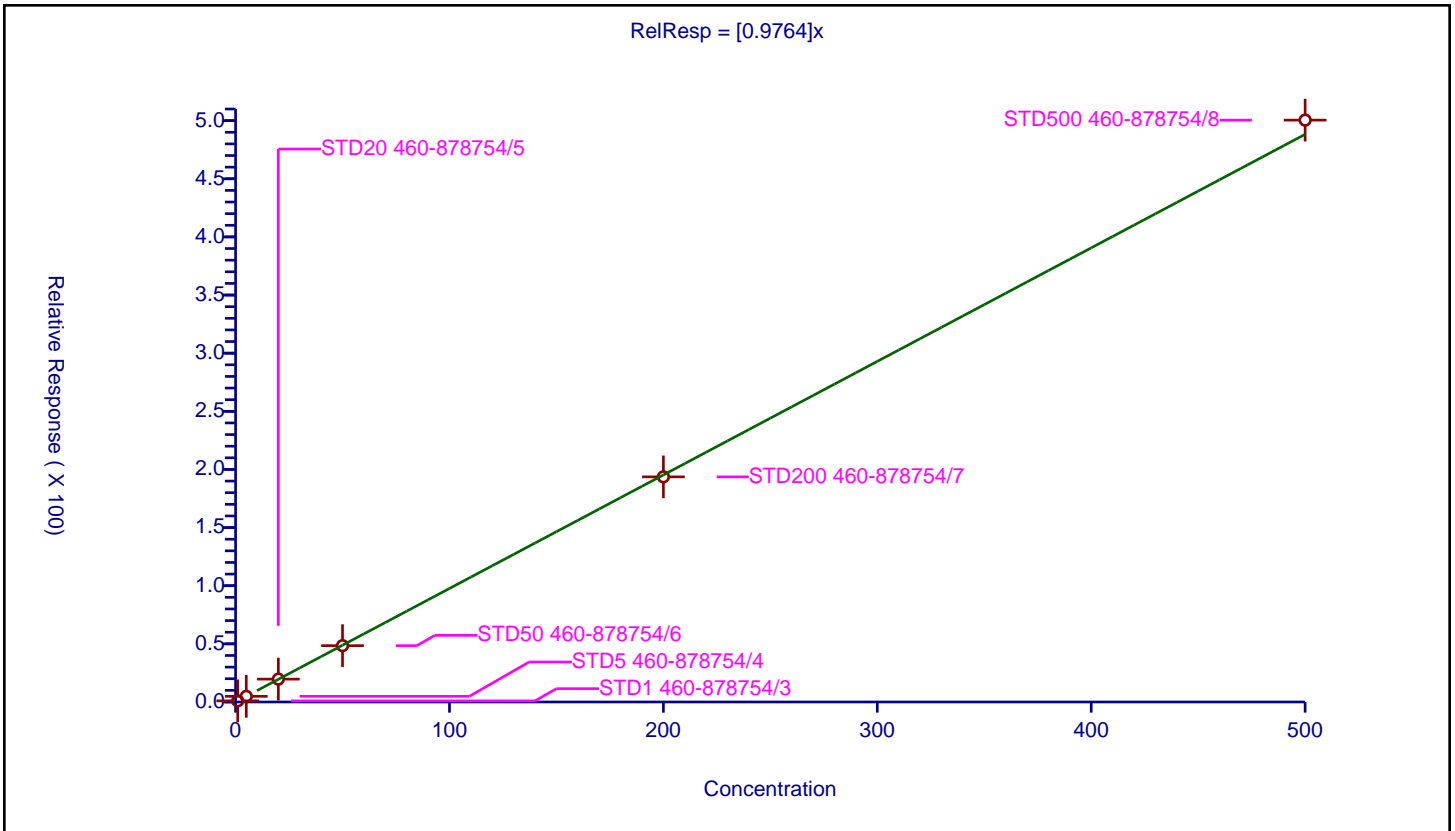
/ Tert-amyl methyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9764

Error Coefficients	
Standard Error:	3110000
Relative Standard Error:	1.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.96382	50.0	559285.0	0.96382	Y
2	STD5 460-878754/4	5.0	4.867139	50.0	573684.0	0.973428	Y
3	STD20 460-878754/5	20.0	19.667056	50.0	592712.0	0.983353	Y
4	STD50 460-878754/6	50.0	48.449451	50.0	567799.0	0.968989	Y
5	STD200 460-878754/7	200.0	193.636723	50.0	603942.0	0.968184	Y
6	STD500 460-878754/8	500.0	500.445958	50.0	651743.0	1.000892	Y



Calibration

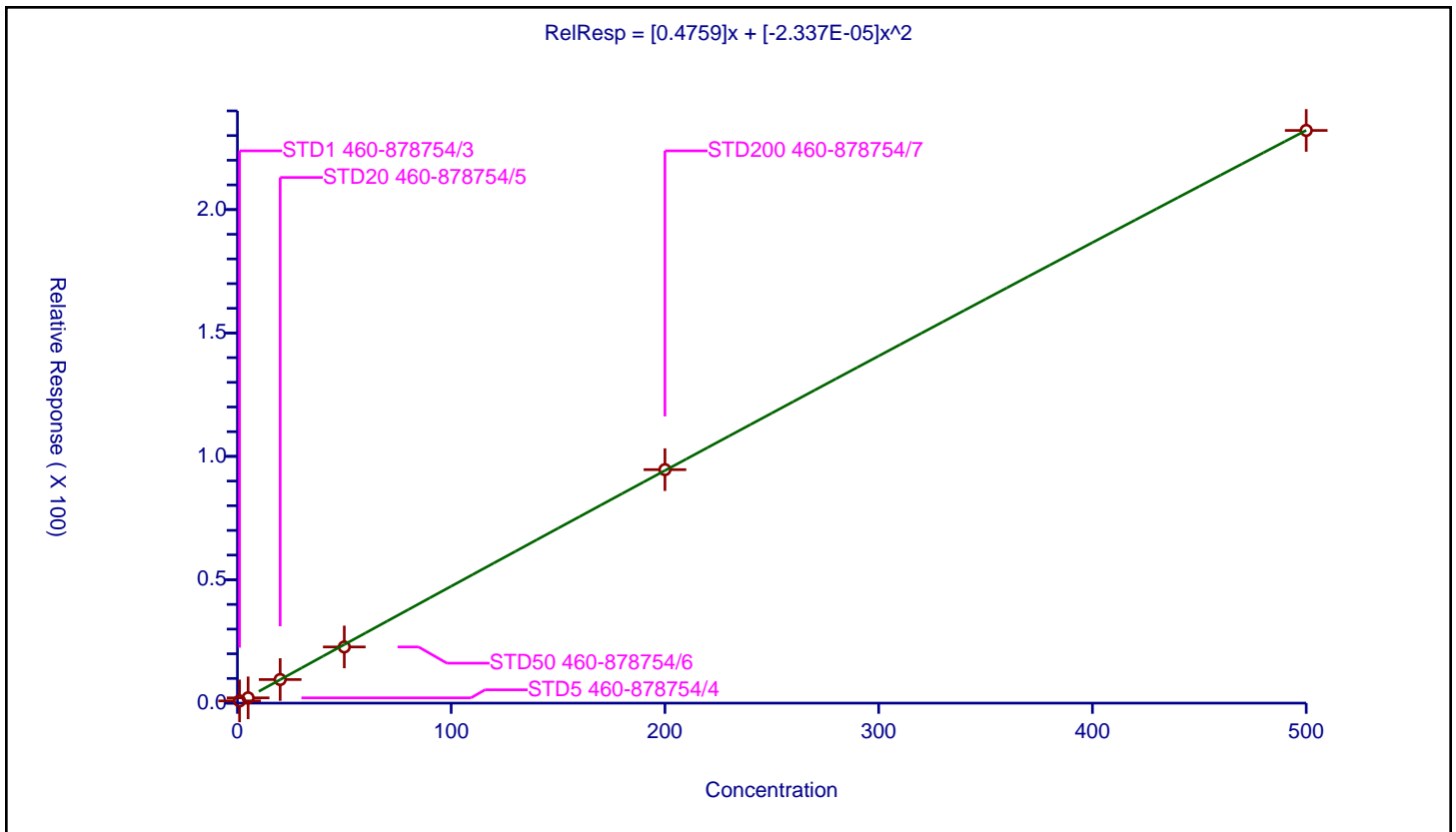
/ n-Heptane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4759
Second Order:	-2.337E-05

Error Coefficients	
Standard Error:	1620000
Relative Standard Error:	44.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.900257	50.0	559285.0	0.900257	Y
2	STD5 460-878754/4	5.0	2.145345	50.0	573684.0	0.429069	Y
3	STD20 460-878754/5	20.0	9.552784	50.0	592712.0	0.477639	Y
4	STD50 460-878754/6	50.0	22.771262	50.0	567799.0	0.455425	Y
5	STD200 460-878754/7	200.0	94.613473	50.0	603942.0	0.473067	Y
6	STD500 460-878754/8	500.0	232.075143	50.0	651743.0	0.46415	Y



Calibration

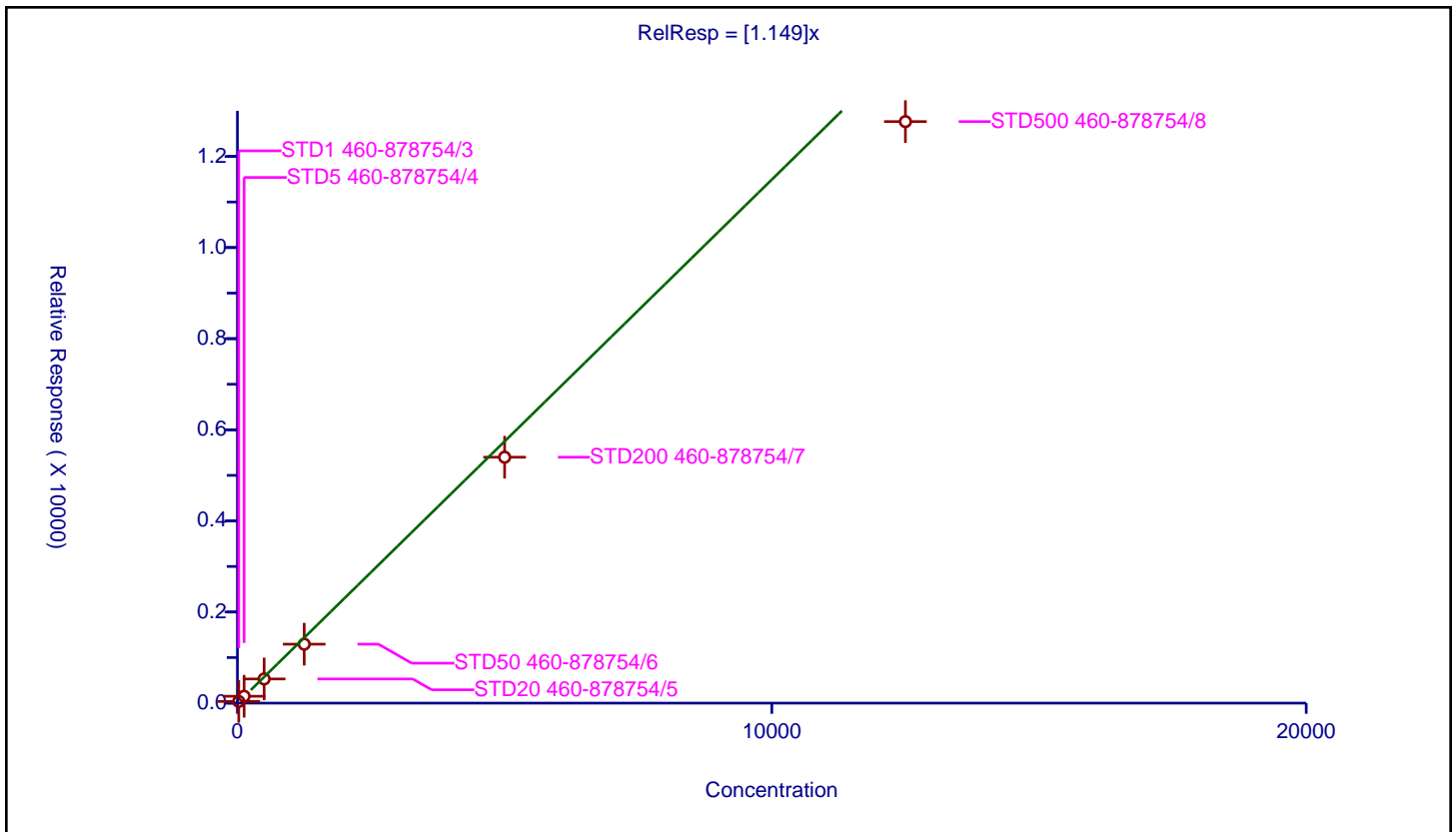
/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.149

Error Coefficients	
Standard Error:	816000
Relative Standard Error:	15.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	25.0	37.214811	1000.0	112294.0	1.488592	Y
2	STD5 460-878754/4	125.0	151.132264	1000.0	111988.0	1.209058	Y
3	STD20 460-878754/5	500.0	530.74843	1000.0	114640.0	1.061497	Y
4	STD50 460-878754/6	1250.0	1294.210883	1000.0	117980.0	1.035369	Y
5	STD200 460-878754/7	5000.0	5398.07087	1000.0	118499.0	1.079614	Y
6	STD500 460-878754/8	12500.0	12764.889606	1000.0	134473.0	1.021191	Y



Calibration

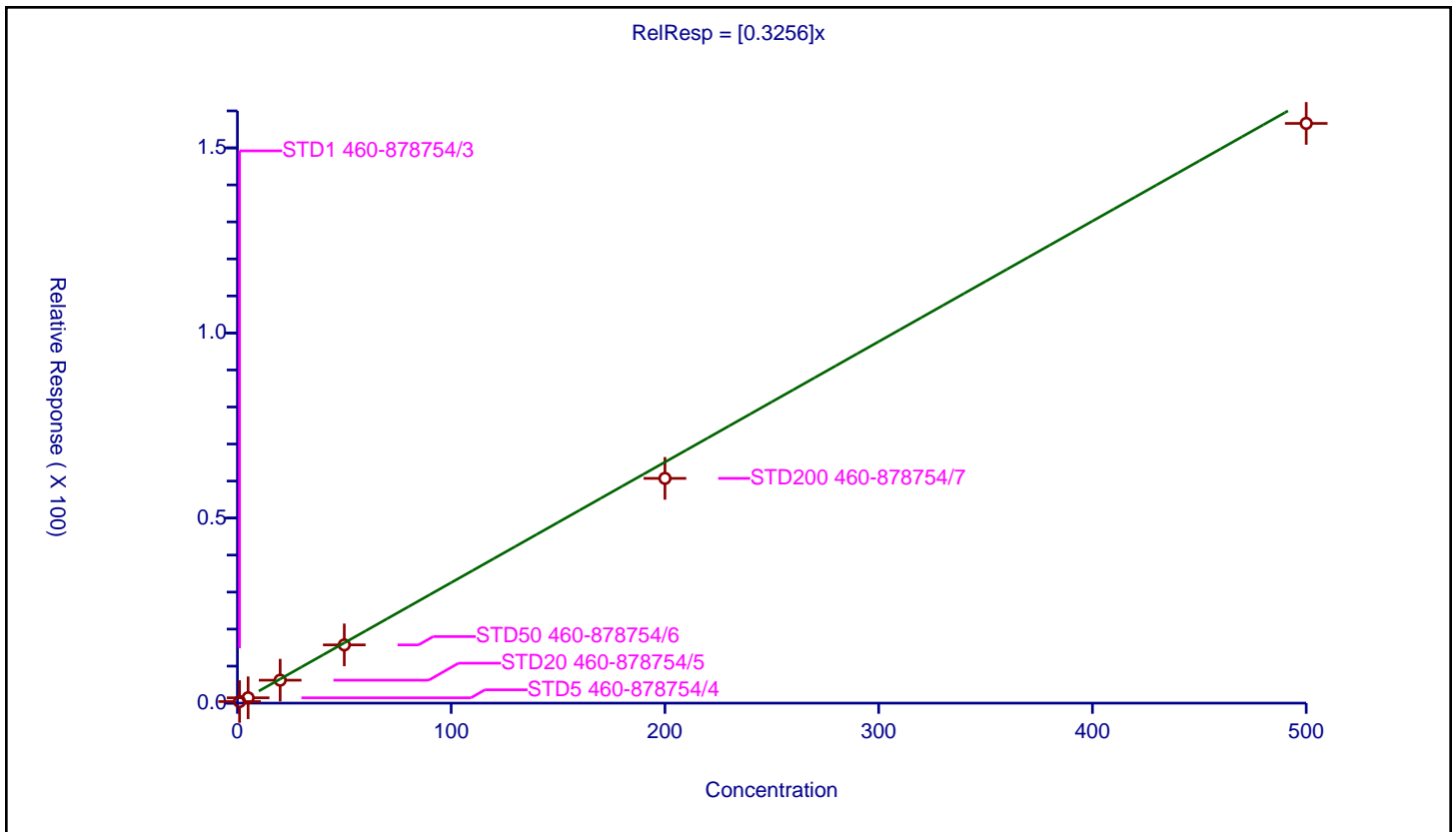
/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3256

Error Coefficients	
Standard Error:	974000
Relative Standard Error:	15.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.423845	50.0	559285.0	0.423845	Y
2	STD5 460-878754/4	5.0	1.440166	50.0	573684.0	0.288033	Y
3	STD20 460-878754/5	20.0	6.198626	50.0	592712.0	0.309931	Y
4	STD50 460-878754/6	50.0	15.734882	50.0	567799.0	0.314698	Y
5	STD200 460-878754/7	200.0	60.719738	50.0	603942.0	0.303599	Y
6	STD500 460-878754/8	500.0	156.615798	50.0	651743.0	0.313232	Y



Calibration

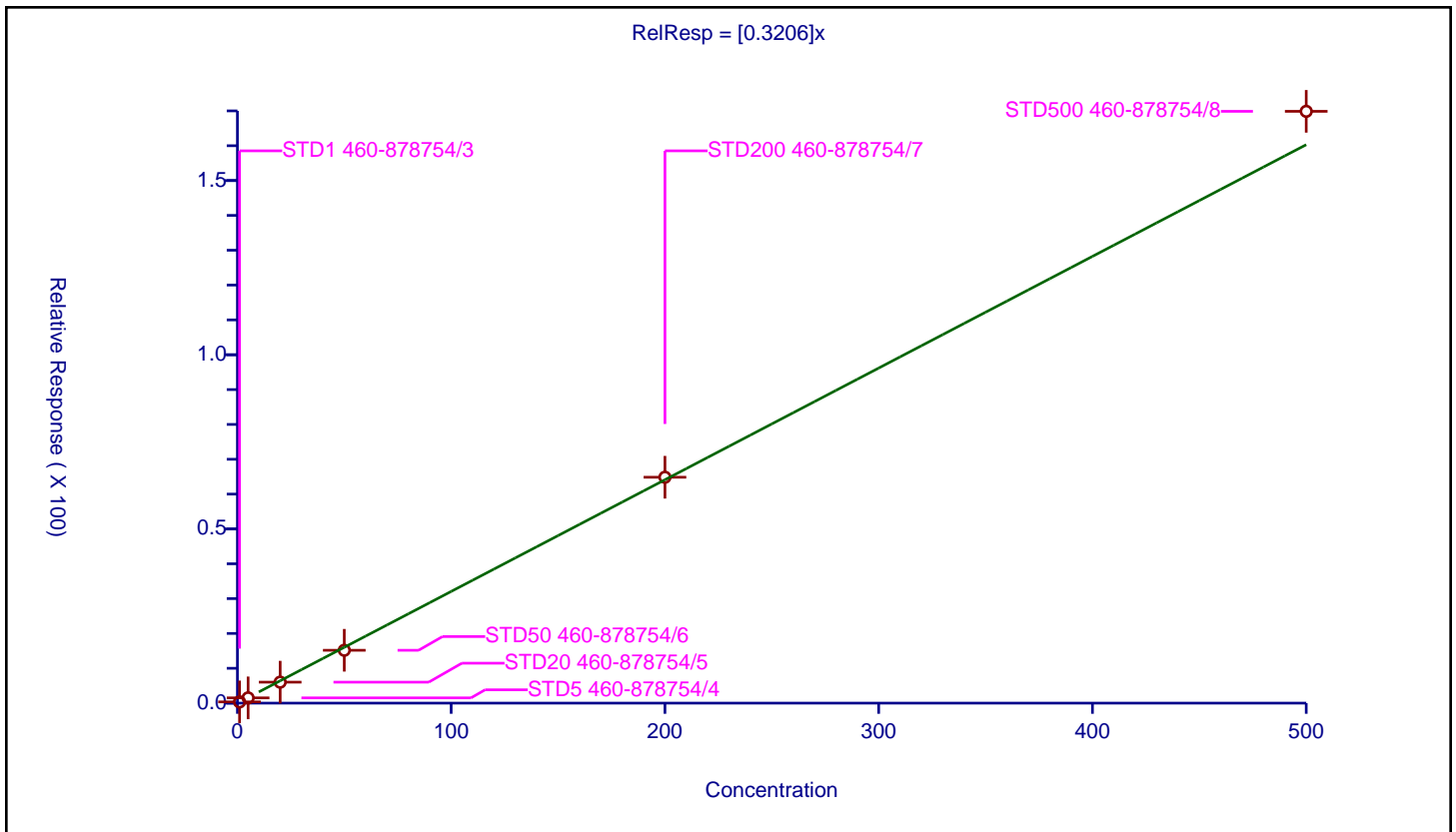
/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3206

Error Coefficients	
Standard Error:	1050000
Relative Standard Error:	7.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.353487	50.0	559285.0	0.353487	Y
2	STD5 460-878754/4	5.0	1.507014	50.0	573684.0	0.301403	Y
3	STD20 460-878754/5	20.0	6.023752	50.0	592712.0	0.301188	Y
4	STD50 460-878754/6	50.0	15.173151	50.0	567799.0	0.303463	Y
5	STD200 460-878754/7	200.0	64.84472	50.0	603942.0	0.324224	Y
6	STD500 460-878754/8	500.0	169.867877	50.0	651743.0	0.339736	Y



Calibration

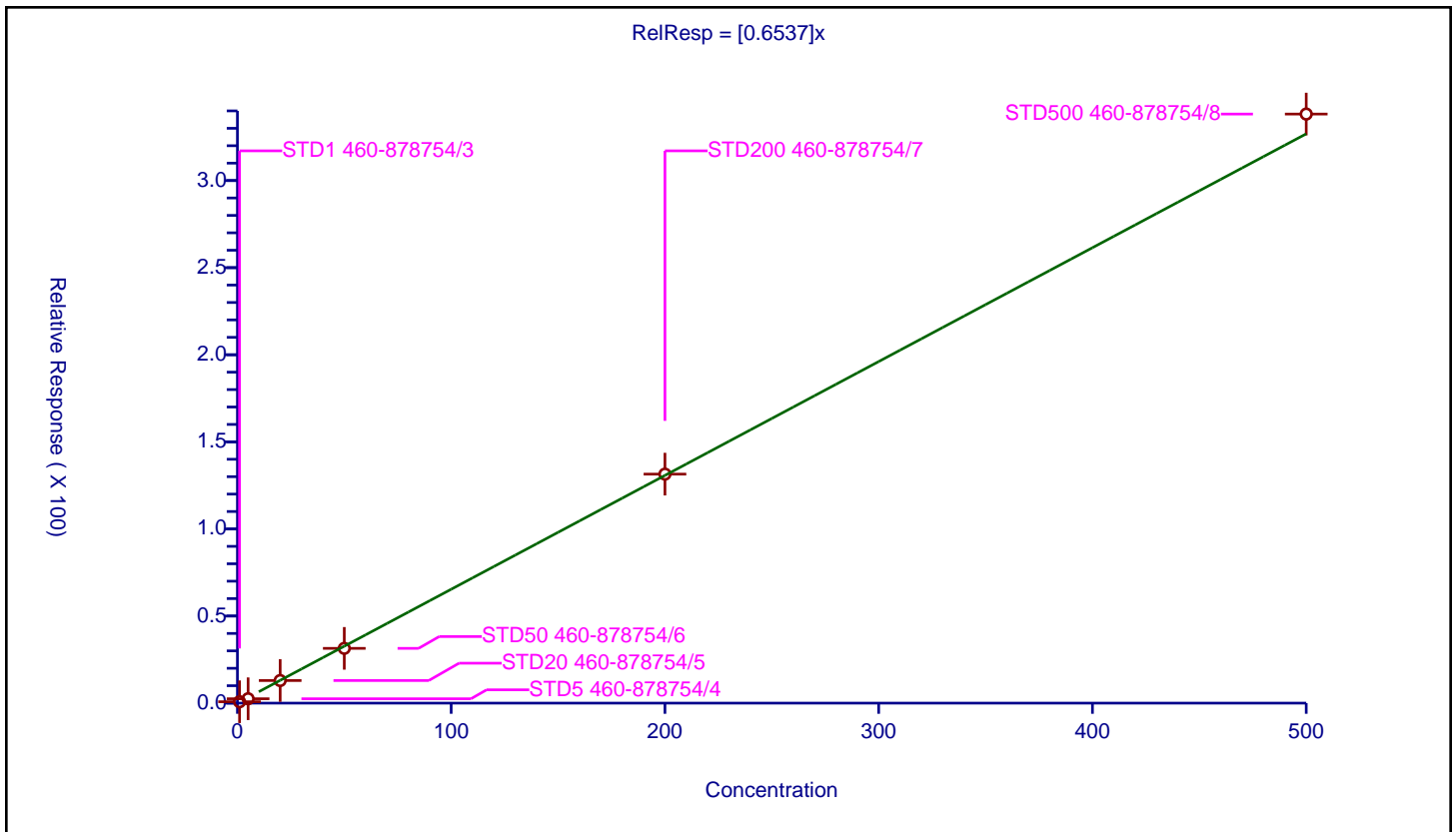
/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6537

Error Coefficients	
Standard Error:	2100000
Relative Standard Error:	15.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.809069	50.0	559285.0	0.809069	Y
2	STD5 460-878754/4	5.0	2.507914	50.0	573684.0	0.501583	Y
3	STD20 460-878754/5	20.0	12.972574	50.0	592712.0	0.648629	Y
4	STD50 460-878754/6	50.0	31.445459	50.0	567799.0	0.628909	Y
5	STD200 460-878754/7	200.0	131.470323	50.0	603942.0	0.657352	Y
6	STD500 460-878754/8	500.0	338.181154	50.0	651743.0	0.676362	Y



Calibration

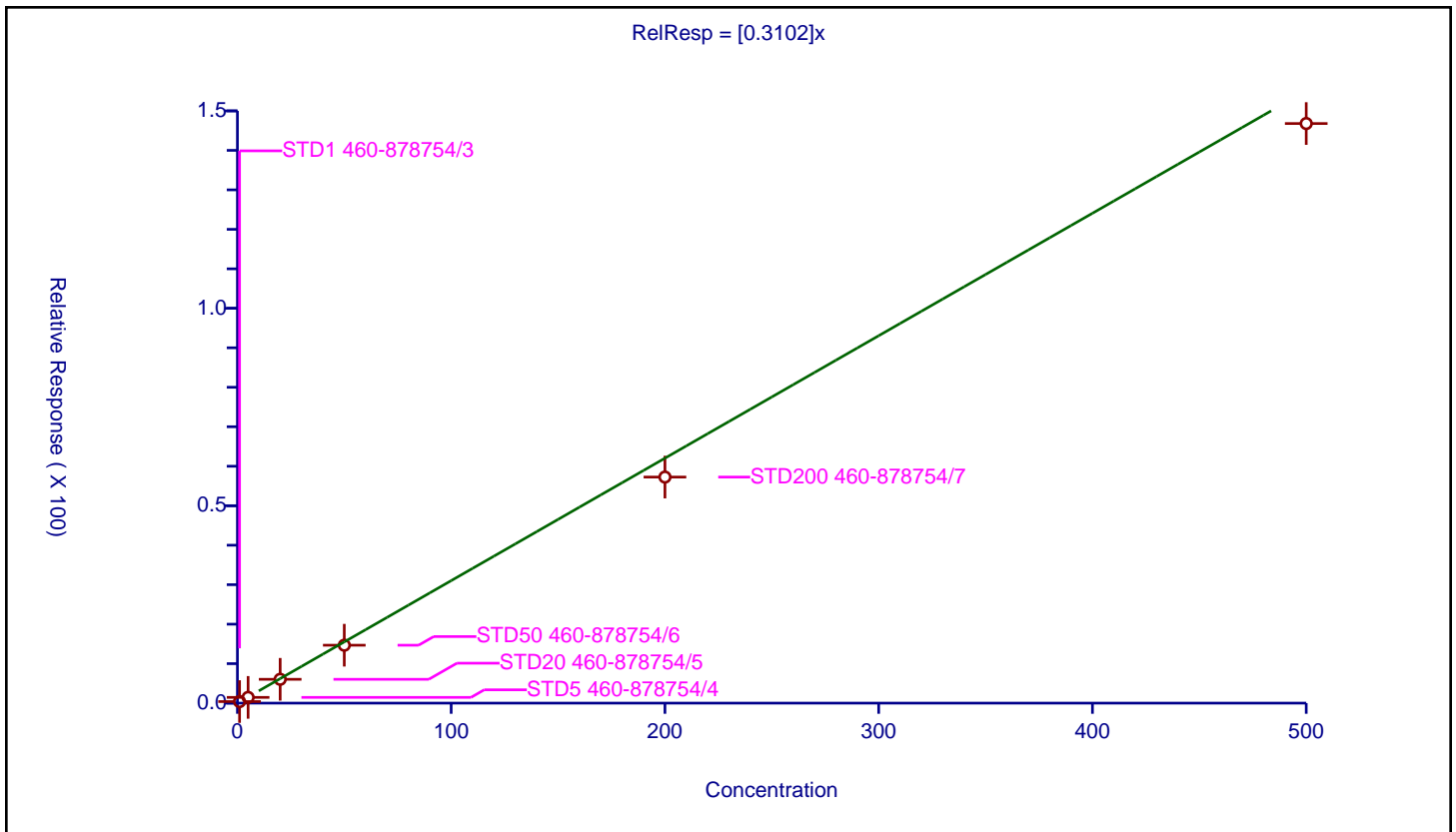
/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3102

Error Coefficients	
Standard Error:	913000
Relative Standard Error:	13.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.39479	50.0	559285.0	0.39479	Y
2	STD5 460-878754/4	5.0	1.456812	50.0	573684.0	0.291362	Y
3	STD20 460-878754/5	20.0	6.034465	50.0	592712.0	0.301723	Y
4	STD50 460-878754/6	50.0	14.66681	50.0	567799.0	0.293336	Y
5	STD200 460-878754/7	200.0	57.256988	50.0	603942.0	0.286285	Y
6	STD500 460-878754/8	500.0	146.797818	50.0	651743.0	0.293596	Y



Calibration

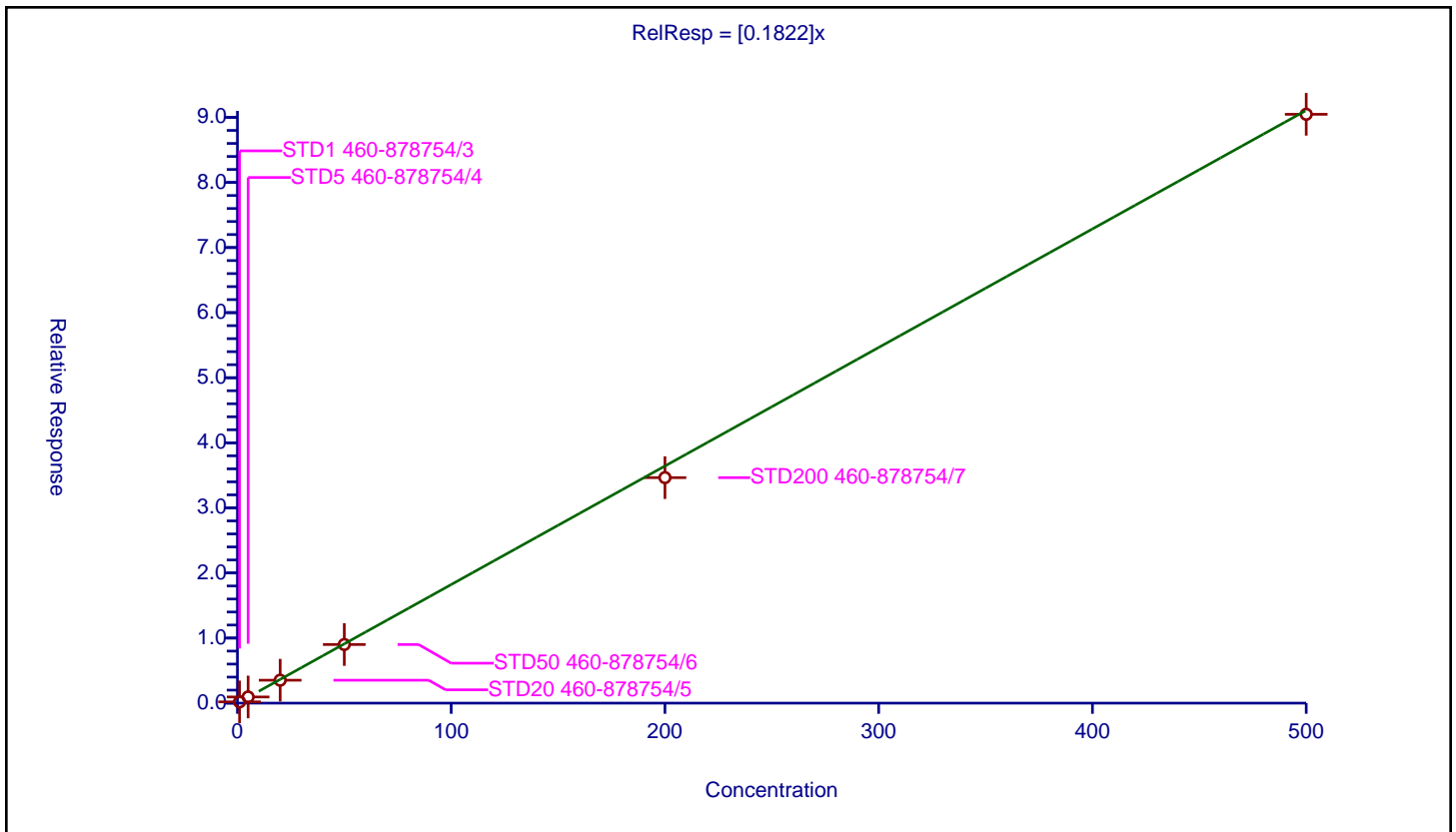
/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1822

Error Coefficients	
Standard Error:	562000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.193461	50.0	559285.0	0.193461	Y
2	STD5 460-878754/4	5.0	0.945468	50.0	573684.0	0.189094	Y
3	STD20 460-878754/5	20.0	3.521272	50.0	592712.0	0.176064	Y
4	STD50 460-878754/6	50.0	9.00618	50.0	567799.0	0.180124	Y
5	STD200 460-878754/7	200.0	34.647946	50.0	603942.0	0.17324	Y
6	STD500 460-878754/8	500.0	90.475694	50.0	651743.0	0.180951	Y



Calibration

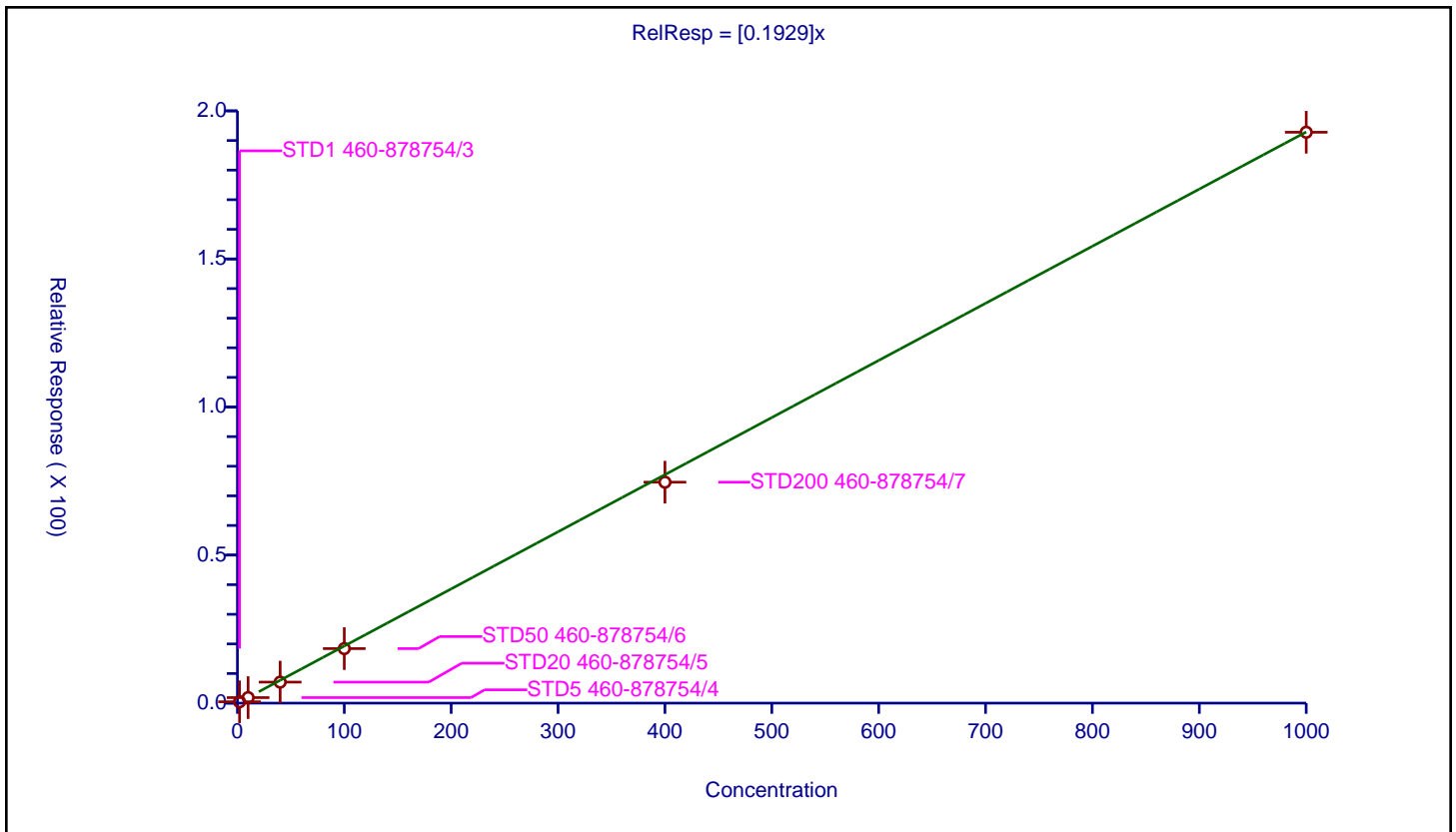
/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1929

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	9.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	0.458711	50.0	559285.0	0.229355	Y
2	STD5 460-878754/4	10.0	1.869322	50.0	573684.0	0.186932	Y
3	STD20 460-878754/5	40.0	7.099907	50.0	592712.0	0.177498	Y
4	STD50 460-878754/6	100.0	18.417697	50.0	567799.0	0.184177	Y
5	STD200 460-878754/7	400.0	74.614698	50.0	603942.0	0.186537	Y
6	STD500 460-878754/8	1000.0	192.784272	50.0	651743.0	0.192784	Y



Calibration

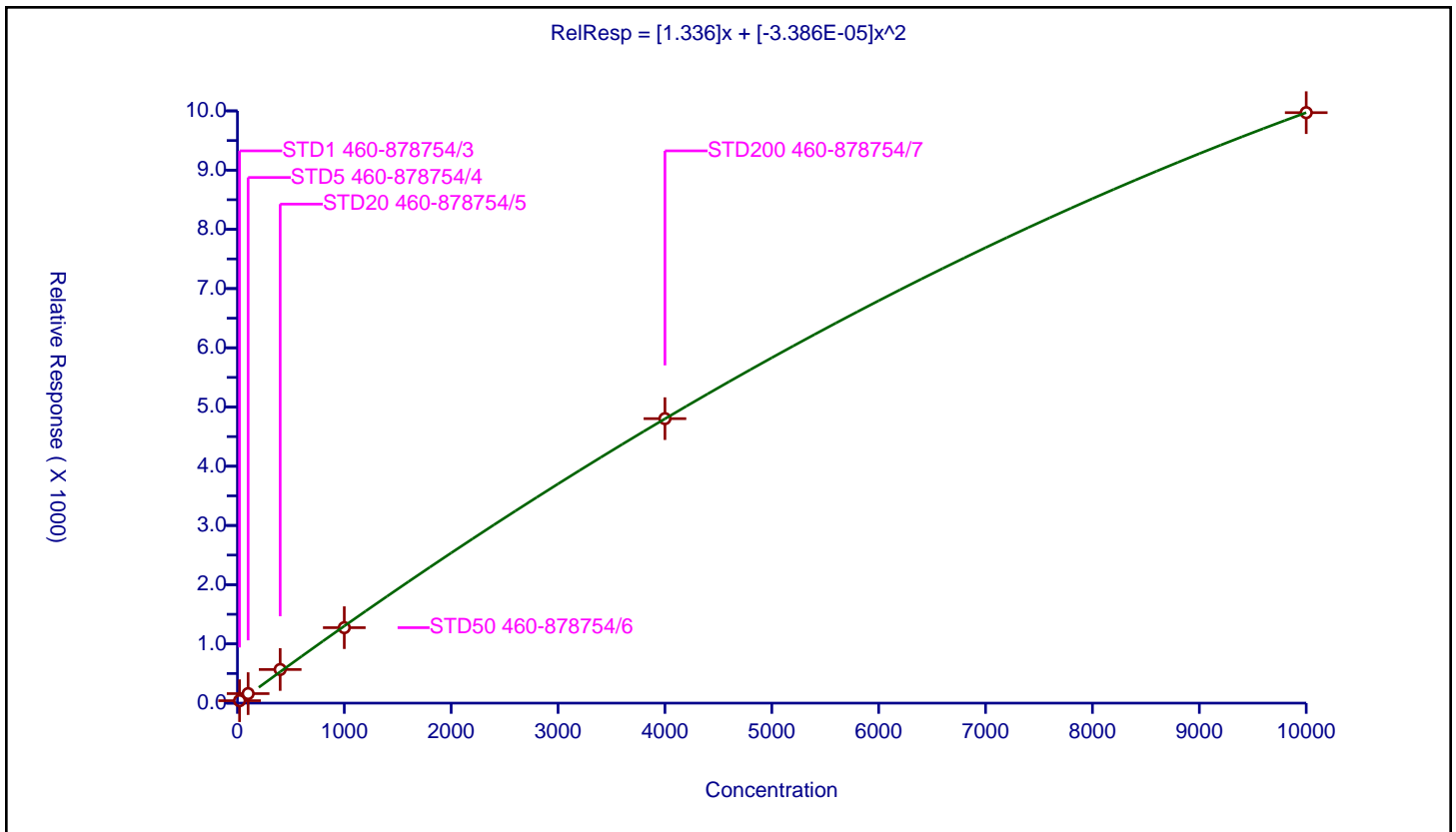
/ 1,4-Dioxane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.336
Second Order:	-3.386E-05

Error Coefficients	
Standard Error:	241000
Relative Standard Error:	29.5
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	20.0	41.2667	1000.0	30315.0	2.063335	Y
2	STD5 460-878754/4	100.0	160.819853	1000.0	30786.0	1.608199	Y
3	STD20 460-878754/5	400.0	567.904457	1000.0	30646.0	1.419761	Y
4	STD50 460-878754/6	1000.0	1274.311649	1000.0	33050.0	1.274312	Y
5	STD200 460-878754/7	4000.0	4803.780856	1000.0	35812.0	1.200945	Y
6	STD500 460-878754/8	10000.0	9970.329694	1000.0	46073.0	0.997033	Y



Calibration

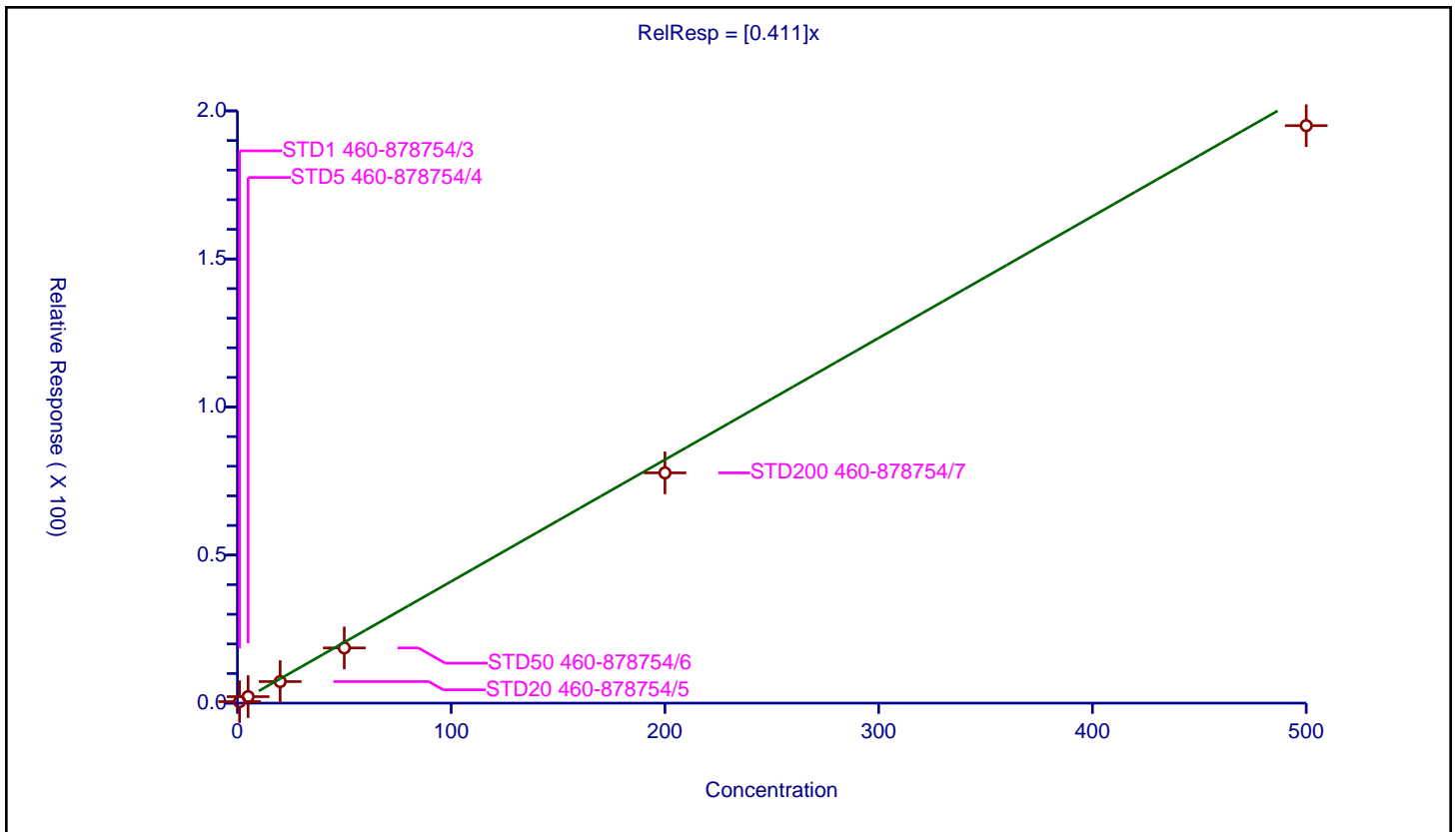
/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.411

Error Coefficients	
Standard Error:	1220000
Relative Standard Error:	13.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.51244	50.0	559285.0	0.51244	Y
2	STD5 460-878754/4	5.0	2.190404	50.0	573684.0	0.438081	Y
3	STD20 460-878754/5	20.0	7.278071	50.0	592712.0	0.363904	Y
4	STD50 460-878754/6	50.0	18.641808	50.0	567799.0	0.372836	Y
5	STD200 460-878754/7	200.0	77.757881	50.0	603942.0	0.388789	Y
6	STD500 460-878754/8	500.0	195.019433	50.0	651743.0	0.390039	Y



Calibration

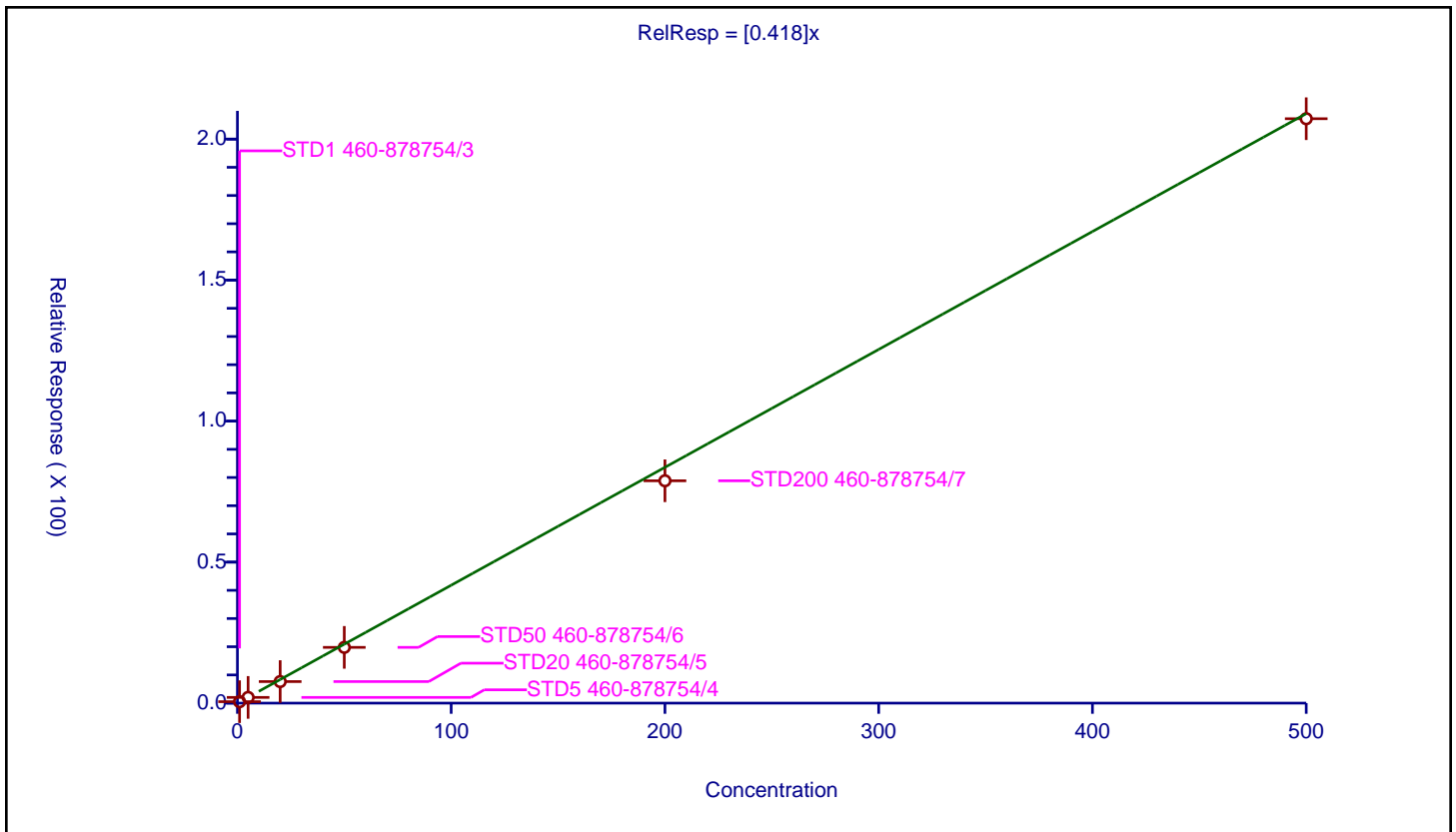
/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.418

Error Coefficients	
Standard Error:	1290000
Relative Standard Error:	11.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.516374	50.0	559285.0	0.516374	Y
2	STD5 460-878754/4	5.0	2.029166	50.0	573684.0	0.405833	Y
3	STD20 460-878754/5	20.0	7.64081	50.0	592712.0	0.382041	Y
4	STD50 460-878754/6	50.0	19.768703	50.0	567799.0	0.395374	Y
5	STD200 460-878754/7	200.0	78.843995	50.0	603942.0	0.39422	Y
6	STD500 460-878754/8	500.0	207.220177	50.0	651743.0	0.41444	Y



Calibration

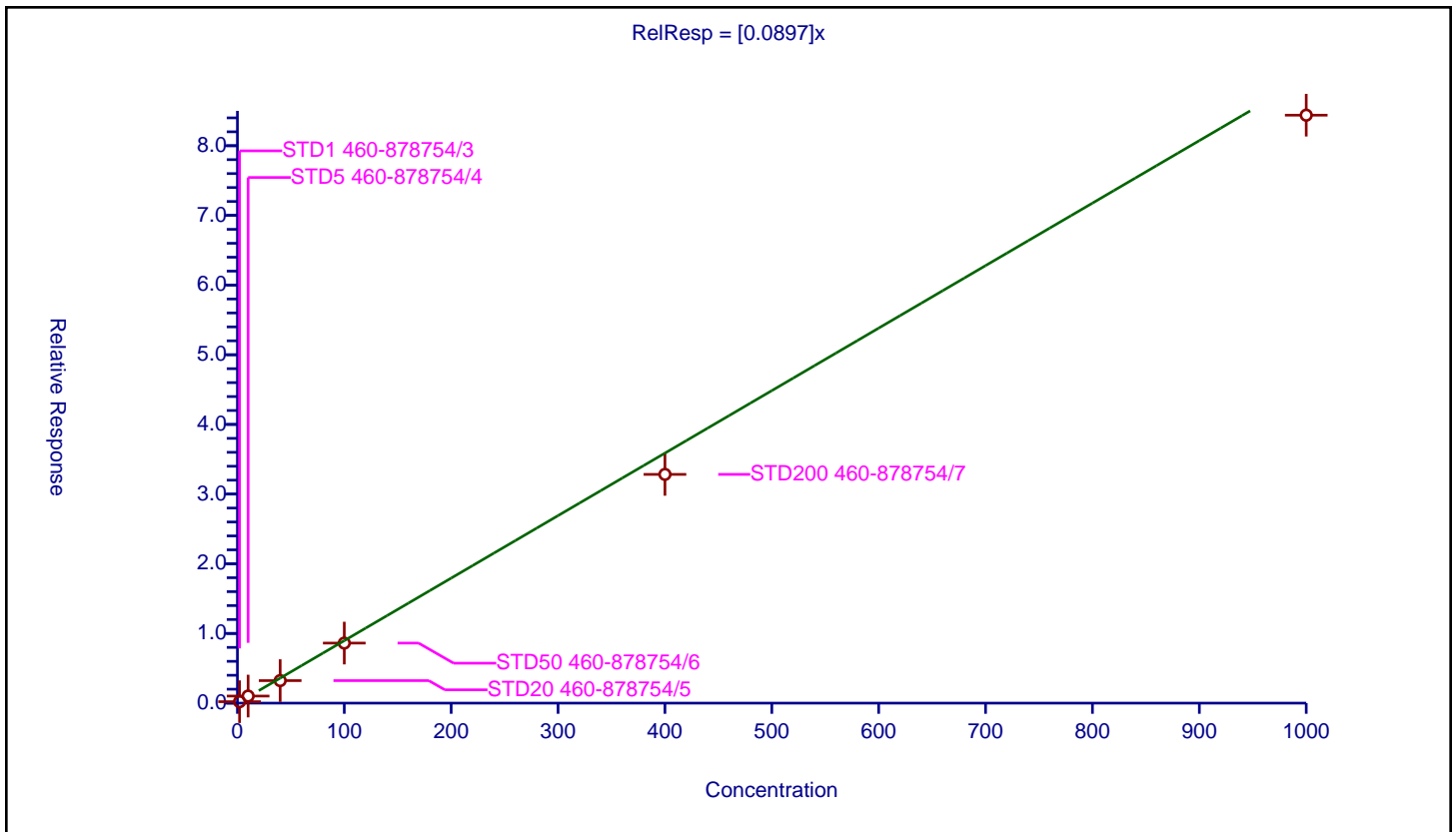
/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0897

Error Coefficients	
Standard Error:	525000
Relative Standard Error:	11.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	2.0	0.206603	50.0	559285.0	0.103302	Y
2	STD5 460-878754/4	10.0	1.014496	50.0	573684.0	0.10145	Y
3	STD20 460-878754/5	40.0	3.233695	50.0	592712.0	0.080842	Y
4	STD50 460-878754/6	100.0	8.617134	50.0	567799.0	0.086171	Y
5	STD200 460-878754/7	400.0	32.830305	50.0	603942.0	0.082076	Y
6	STD500 460-878754/8	1000.0	84.384873	50.0	651743.0	0.084385	Y



Calibration

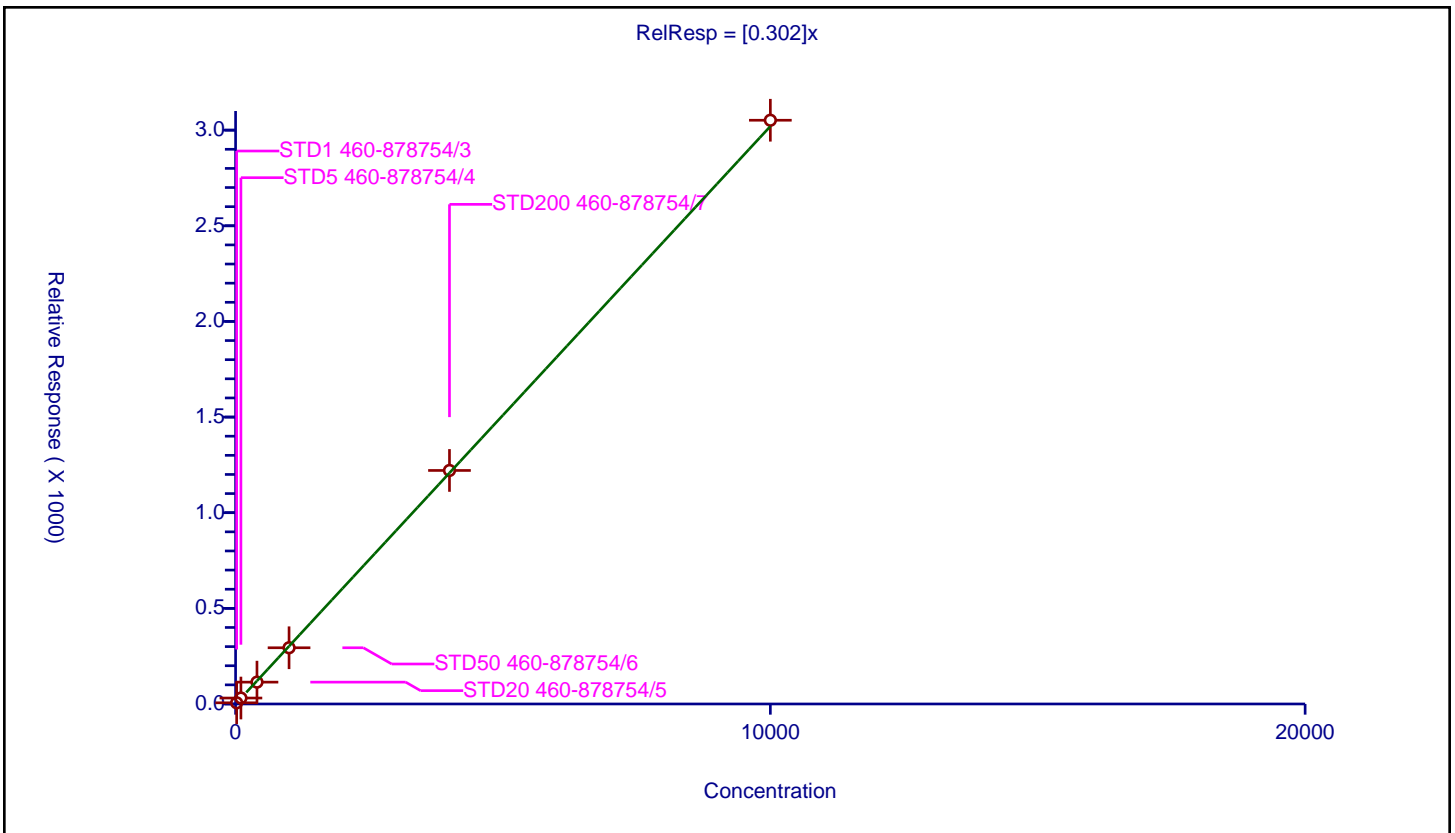
/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.302

Error Coefficients	
Standard Error:	1860000
Relative Standard Error:	3.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	20.000035	6.208555	250.0	258474.0	0.310427	Y
2	STD5 460-878754/4	100.000173	31.175666	250.0	262328.0	0.311756	Y
3	STD20 460-878754/5	400.000692	114.19559	250.0	287857.0	0.285488	Y
4	STD50 460-878754/6	1000.00173	293.971576	250.0	285116.0	0.293971	Y
5	STD200 460-878754/7	4000.00692	1220.84428	250.0	284704.0	0.305211	Y
6	STD500 460-878754/8	10000.0173	3051.696976	250.0	319598.0	0.305169	Y



Calibration

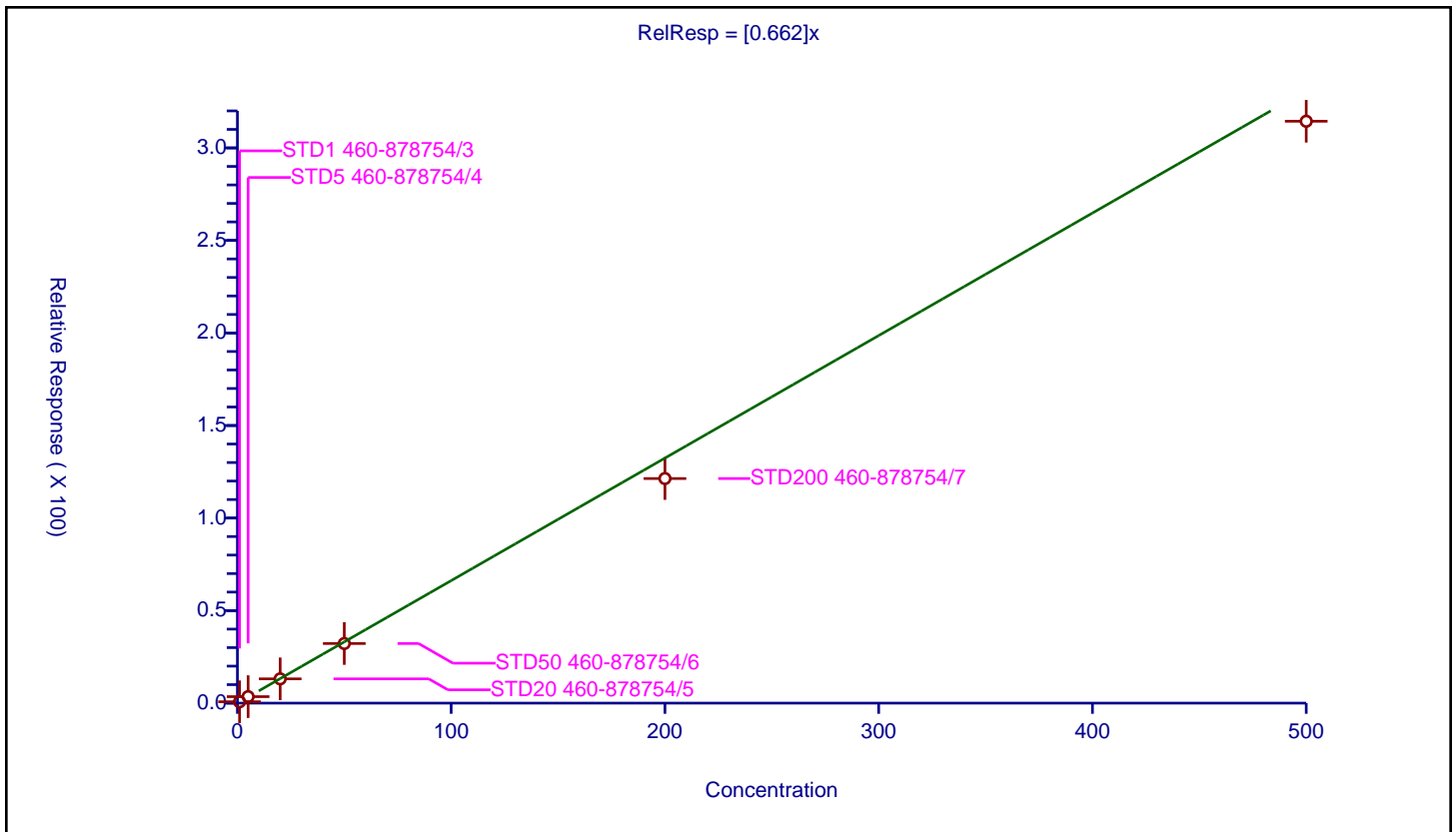
/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.662

Error Coefficients	
Standard Error:	1560000
Relative Standard Error:	7.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.73521	50.0	395261.0	0.73521	Y
2	STD5 460-878754/4	5.0	3.504126	50.0	397674.0	0.700825	Y
3	STD20 460-878754/5	20.0	13.117997	50.0	419035.0	0.6559	Y
4	STD50 460-878754/6	50.0	32.22051	50.0	411311.0	0.64441	Y
5	STD200 460-878754/7	200.0	121.342827	50.0	471334.0	0.606714	Y
6	STD500 460-878754/8	500.0	314.395496	50.0	521295.0	0.628791	Y



Calibration

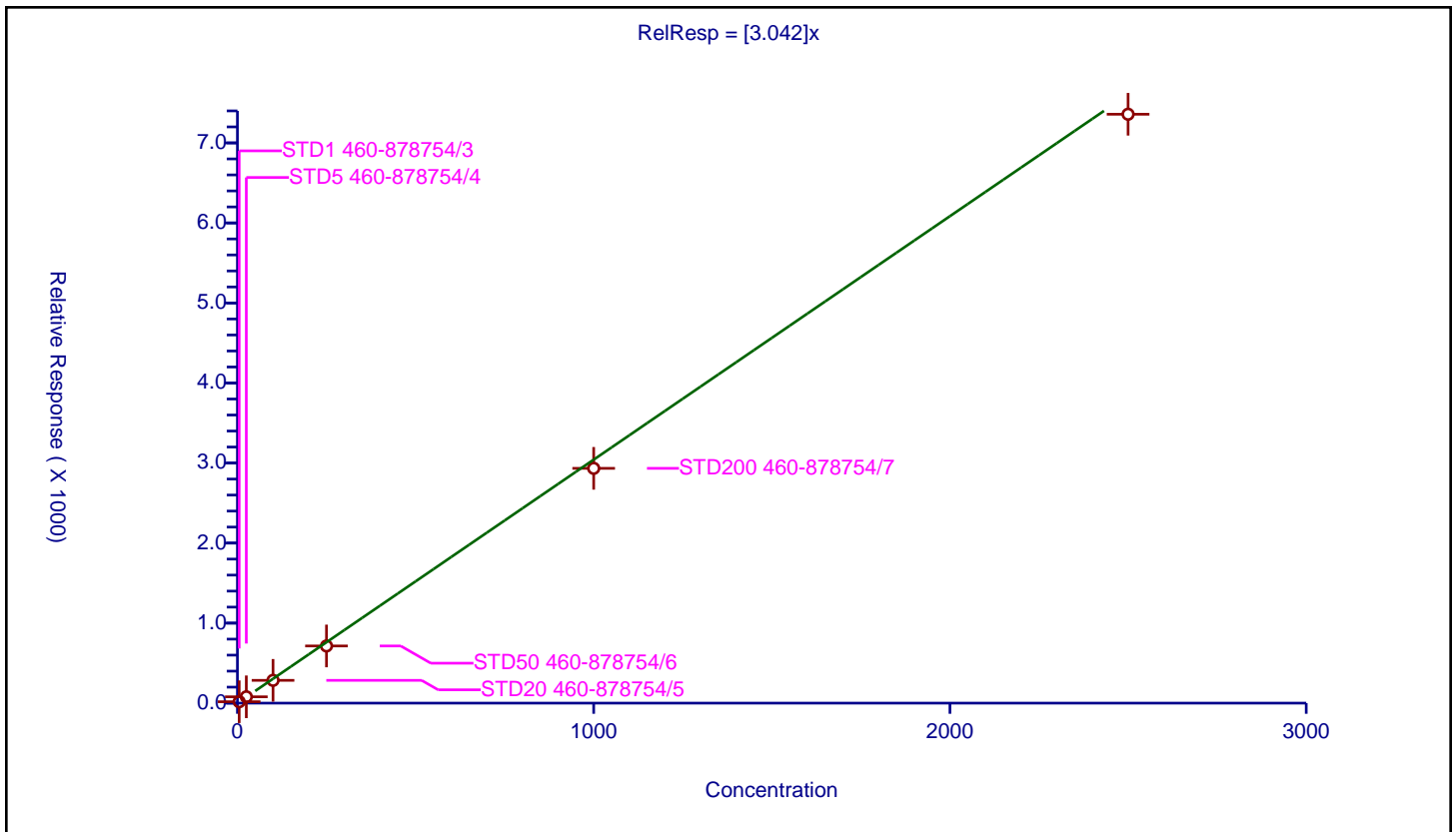
/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.042

Error Coefficients	
Standard Error:	4480000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	5.0	17.557859	250.0	258474.0	3.511572	Y
2	STD5 460-878754/4	25.0	79.06514	250.0	262328.0	3.162606	Y
3	STD20 460-878754/5	100.0	284.57359	250.0	287857.0	2.845736	Y
4	STD50 460-878754/6	250.0	714.195275	250.0	285116.0	2.856781	Y
5	STD200 460-878754/7	1000.0	2933.523063	250.0	284704.0	2.933523	Y
6	STD500 460-878754/8	2500.0	7358.103774	250.0	319598.0	2.943242	Y



Calibration

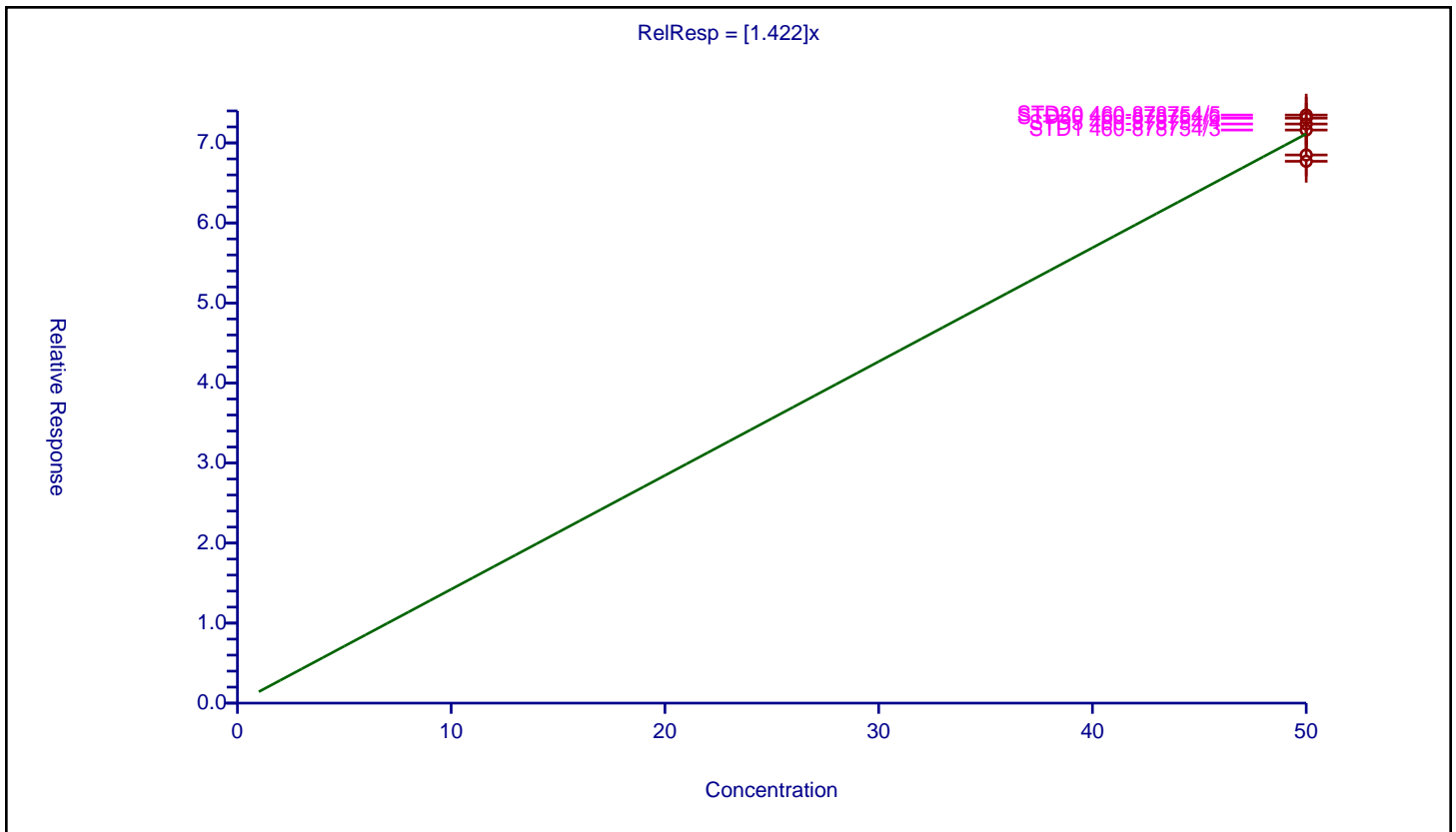
/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.422

Error Coefficients	
Standard Error:	679000
Relative Standard Error:	3.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	50.0	71.609898	50.0	395261.0	1.432198	Y
2	STD5 460-878754/4	50.0	72.36367	50.0	397674.0	1.447273	Y
3	STD20 460-878754/5	50.0	73.482287	50.0	419035.0	1.469646	Y
4	STD50 460-878754/6	50.0	73.091286	50.0	411311.0	1.461826	Y
5	STD200 460-878754/7	50.0	68.491982	50.0	471334.0	1.36984	Y
6	STD500 460-878754/8	50.0	67.704179	50.0	521295.0	1.354084	Y



Calibration

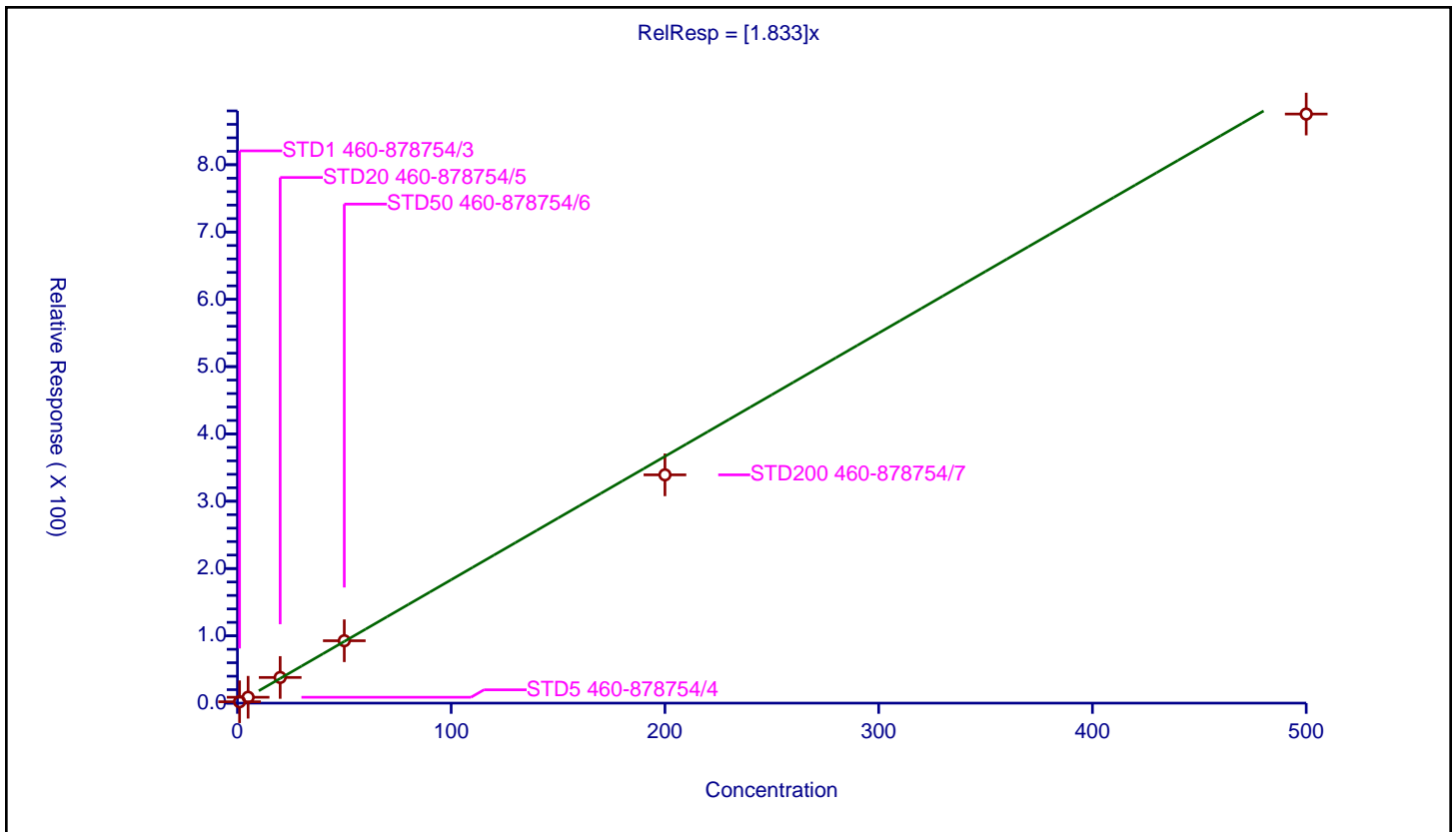
/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.833

Error Coefficients	
Standard Error:	4340000
Relative Standard Error:	7.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.042574	50.0	395261.0	2.042574	Y
2	STD5 460-878754/4	5.0	8.743091	50.0	397674.0	1.748618	Y
3	STD20 460-878754/5	20.0	38.112687	50.0	419035.0	1.905634	Y
4	STD50 460-878754/6	50.0	92.69932	50.0	411311.0	1.853986	Y
5	STD200 460-878754/7	200.0	339.194605	50.0	471334.0	1.695973	Y
6	STD500 460-878754/8	500.0	875.34515	50.0	521295.0	1.75069	Y



Calibration

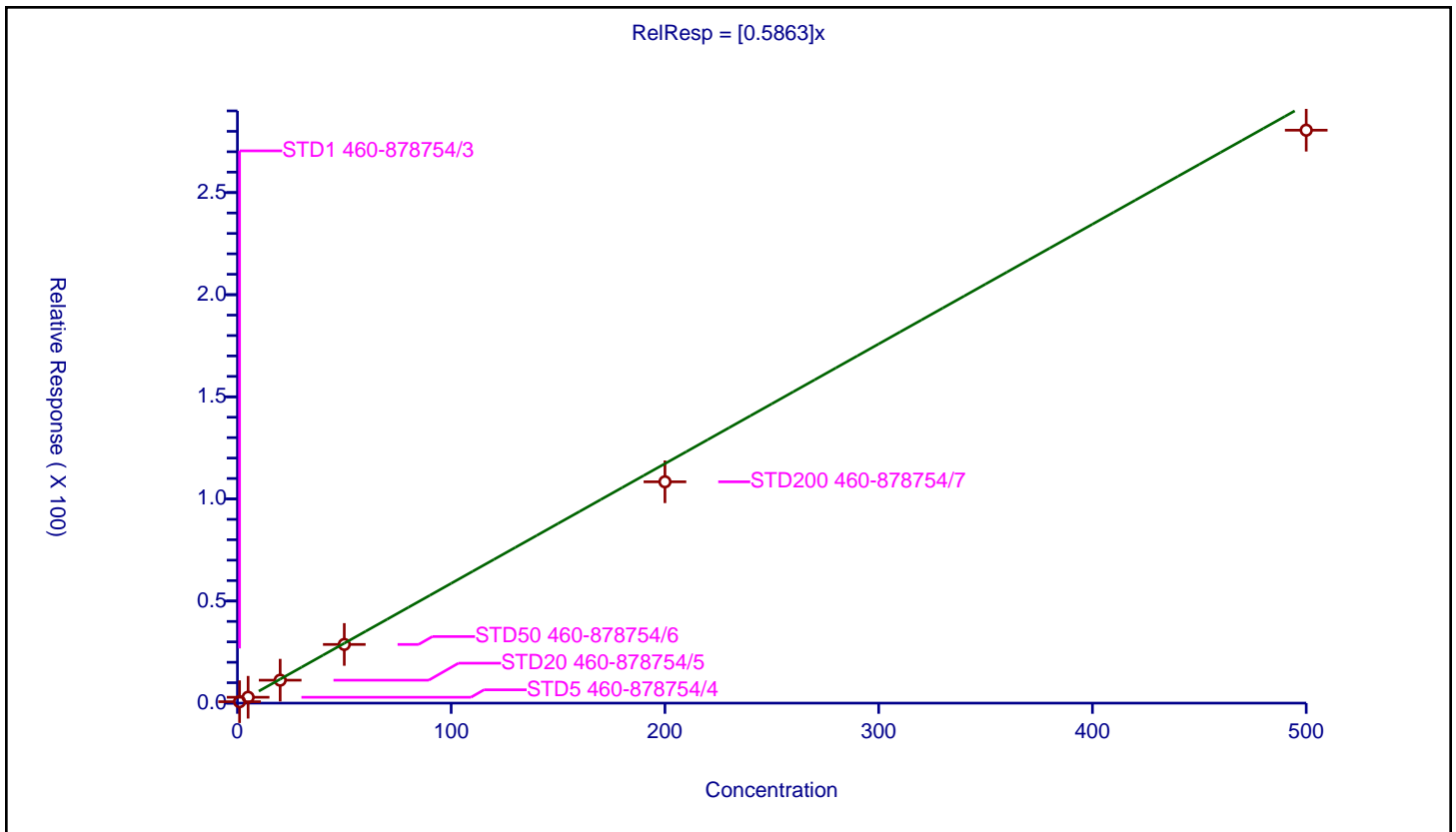
/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5863

Error Coefficients	
Standard Error:	1390000
Relative Standard Error:	9.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.702574	50.0	395261.0	0.702574	Y
2	STD5 460-878754/4	5.0	2.878991	50.0	397674.0	0.575798	Y
3	STD20 460-878754/5	20.0	11.235338	50.0	419035.0	0.561767	Y
4	STD50 460-878754/6	50.0	28.730814	50.0	411311.0	0.574616	Y
5	STD200 460-878754/7	200.0	108.375908	50.0	471334.0	0.54188	Y
6	STD500 460-878754/8	500.0	280.539905	50.0	521295.0	0.56108	Y



Calibration

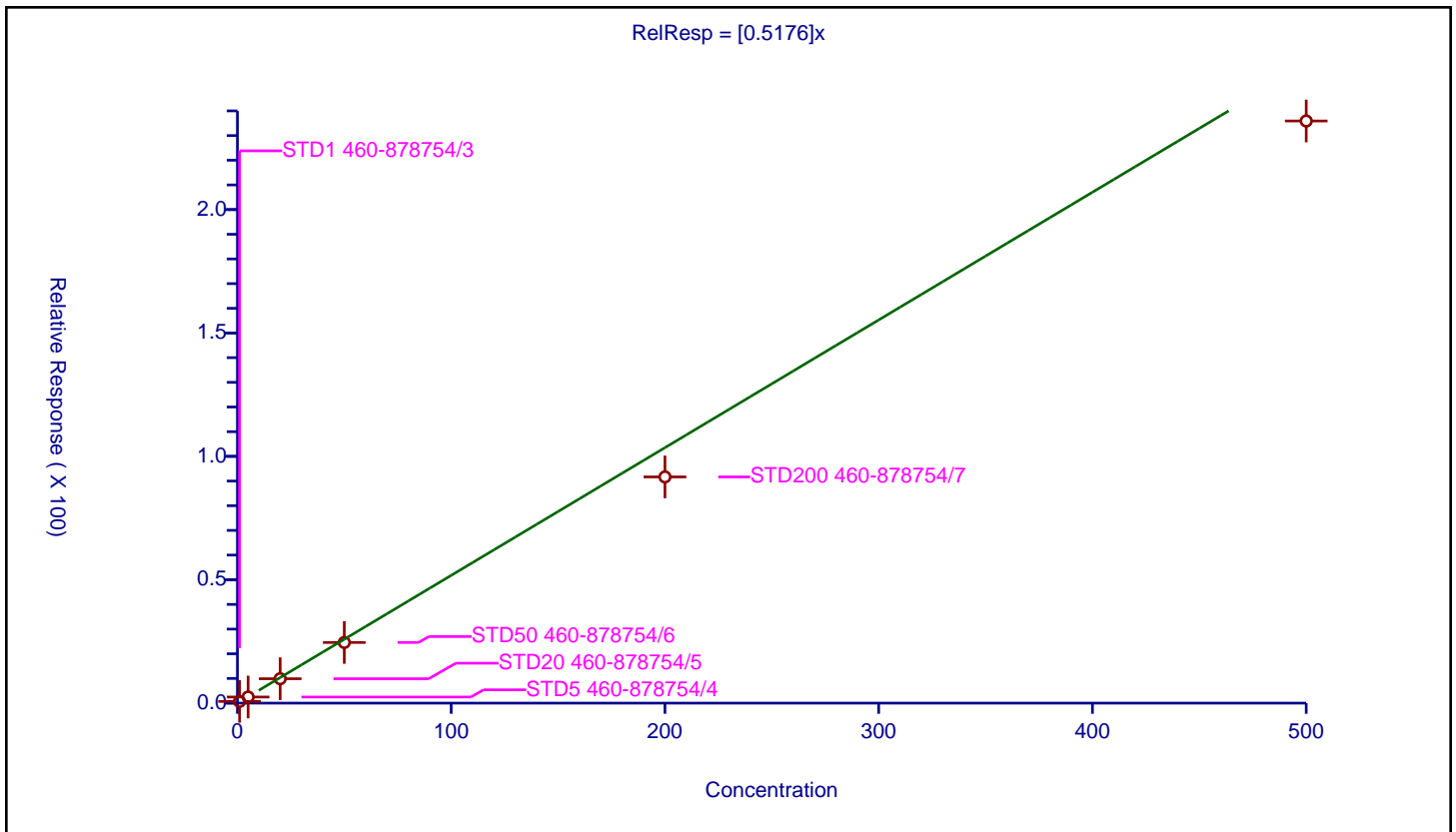
/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5176

Error Coefficients	
Standard Error:	1170000
Relative Standard Error:	16.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.693466	50.0	395261.0	0.693466	Y
2	STD5 460-878754/4	5.0	2.479292	50.0	397674.0	0.495858	Y
3	STD20 460-878754/5	20.0	9.888315	50.0	419035.0	0.494416	Y
4	STD50 460-878754/6	50.0	24.582494	50.0	411311.0	0.49165	Y
5	STD200 460-878754/7	200.0	91.668965	50.0	471334.0	0.458345	Y
6	STD500 460-878754/8	500.0	235.905581	50.0	521295.0	0.471811	Y



Calibration

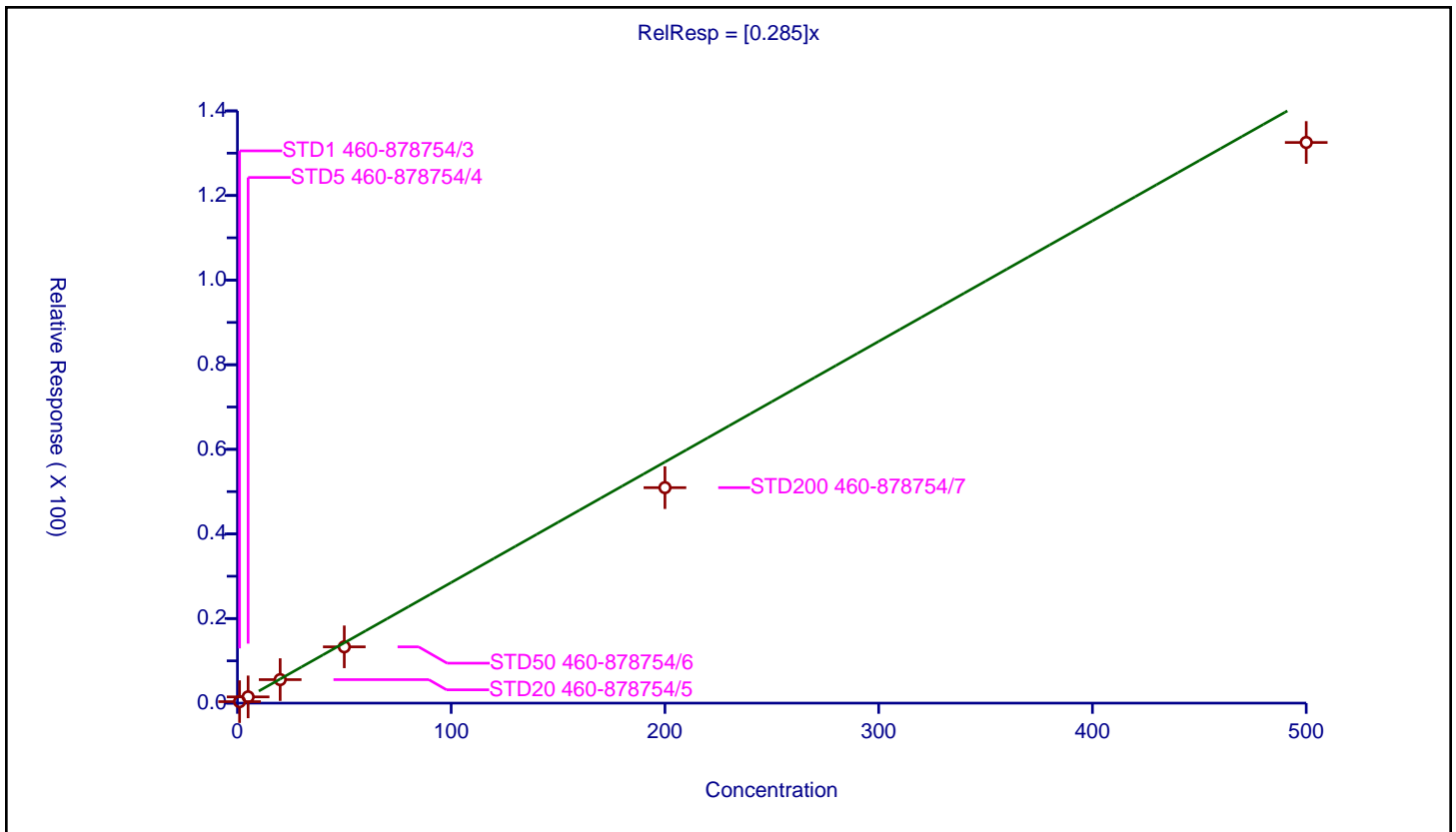
/ 1,1,2-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.285

Error Coefficients	
Standard Error:	656000
Relative Standard Error:	12.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.351413	50.0	395261.0	0.351413	Y
2	STD5 460-878754/4	5.0	1.476209	50.0	397674.0	0.295242	Y
3	STD20 460-878754/5	20.0	5.553355	50.0	419035.0	0.277668	Y
4	STD50 460-878754/6	50.0	13.304045	50.0	411311.0	0.266081	Y
5	STD200 460-878754/7	200.0	50.937552	50.0	471334.0	0.254688	Y
6	STD500 460-878754/8	500.0	132.532731	50.0	521295.0	0.265065	Y



Calibration

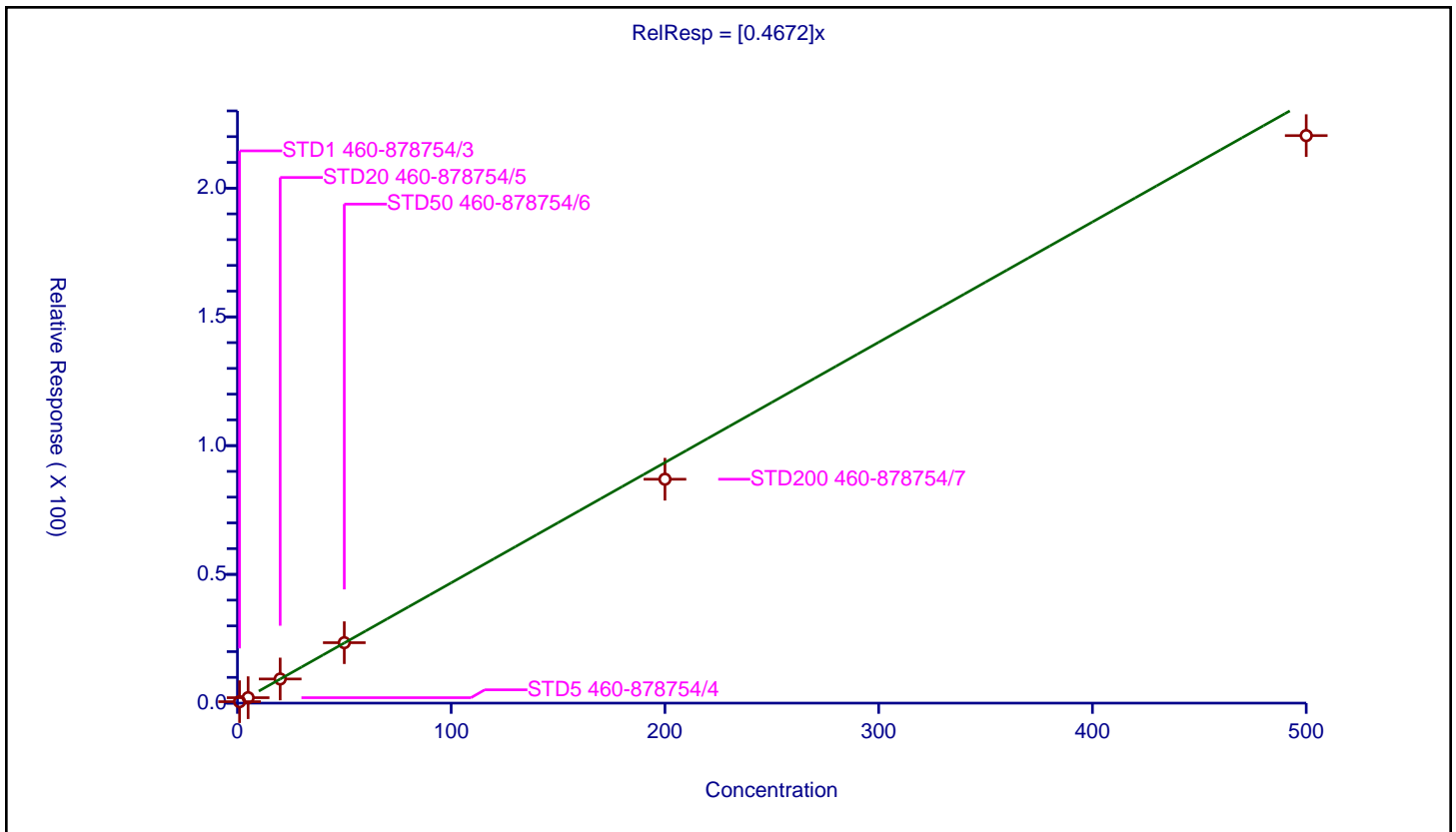
/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4672

Error Coefficients	
Standard Error:	1090000
Relative Standard Error:	11.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.566461	50.0	395261.0	0.566461	Y
2	STD5 460-878754/4	5.0	2.114295	50.0	397674.0	0.422859	Y
3	STD20 460-878754/5	20.0	9.373203	50.0	419035.0	0.46866	Y
4	STD50 460-878754/6	50.0	23.473479	50.0	411311.0	0.46947	Y
5	STD200 460-878754/7	200.0	86.952352	50.0	471334.0	0.434762	Y
6	STD500 460-878754/8	500.0	220.403035	50.0	521295.0	0.440806	Y



Calibration

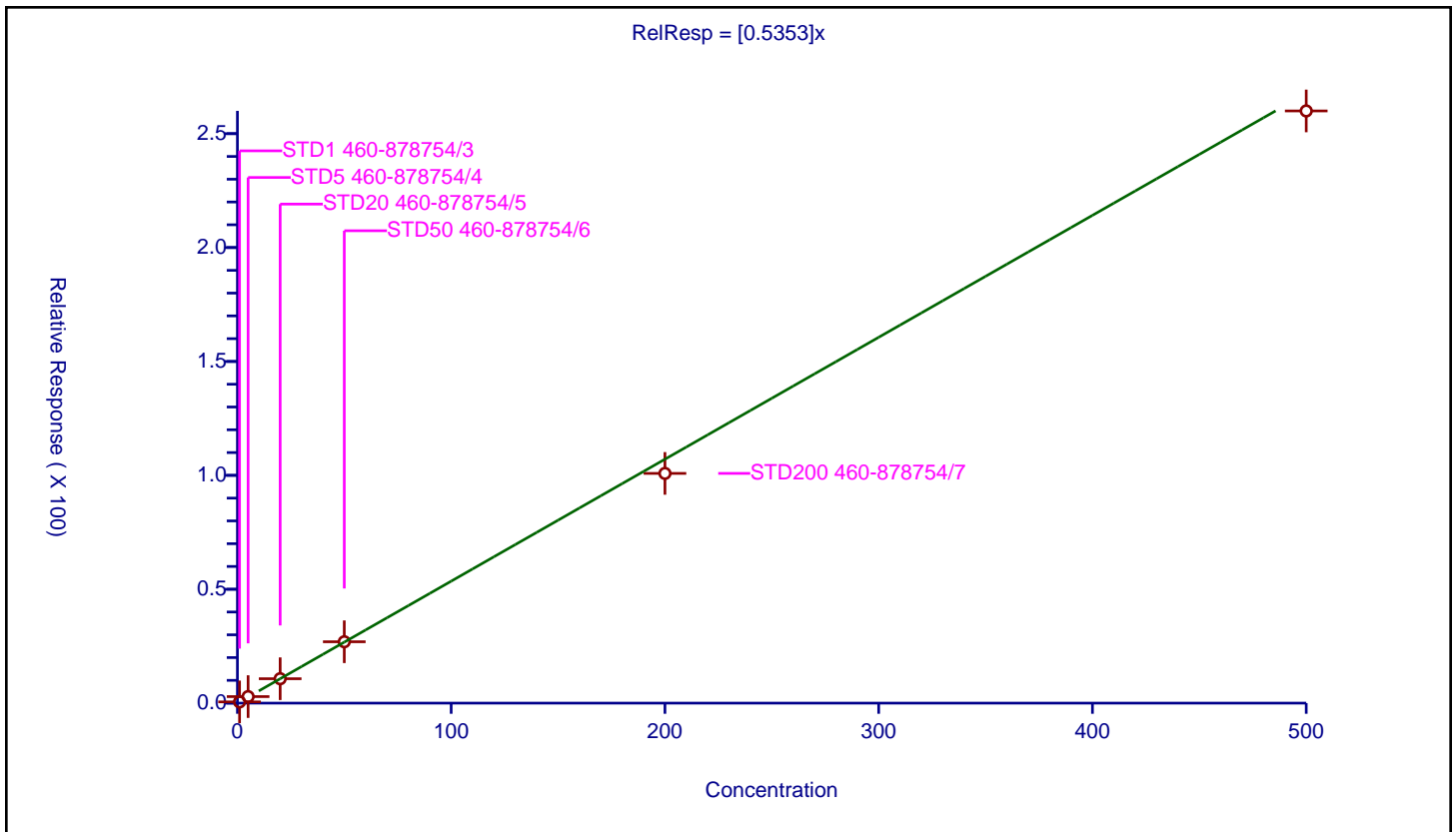
/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5353

Error Coefficients	
Standard Error:	1290000
Relative Standard Error:	4.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.540149	50.0	395261.0	0.540149	Y
2	STD5 460-878754/4	5.0	2.865161	50.0	397674.0	0.573032	Y
3	STD20 460-878754/5	20.0	10.716885	50.0	419035.0	0.535844	Y
4	STD50 460-878754/6	50.0	26.943602	50.0	411311.0	0.538872	Y
5	STD200 460-878754/7	200.0	100.847594	50.0	471334.0	0.504238	Y
6	STD500 460-878754/8	500.0	259.976021	50.0	521295.0	0.519952	Y



Calibration

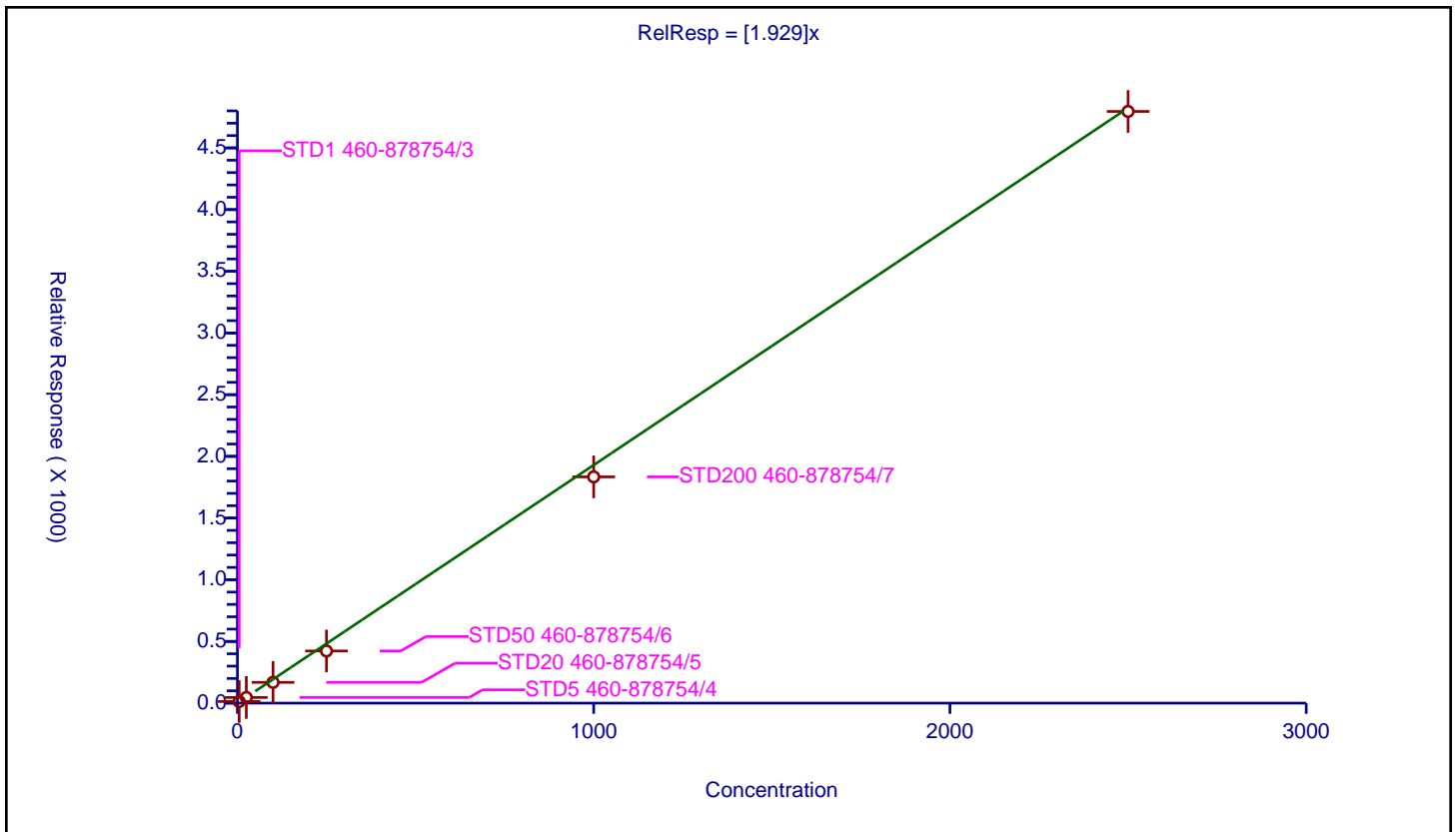
/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.929

Error Coefficients	
Standard Error:	2900000
Relative Standard Error:	18.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	5.0	13.1048	250.0	258474.0	2.62096	Y
2	STD5 460-878754/4	25.0	45.745212	250.0	262328.0	1.829808	Y
3	STD20 460-878754/5	100.0	168.244997	250.0	287857.0	1.68245	Y
4	STD50 460-878754/6	250.0	422.848069	250.0	285116.0	1.691392	Y
5	STD200 460-878754/7	1000.0	1833.934543	250.0	284704.0	1.833935	Y
6	STD500 460-878754/8	2500.0	4795.573658	250.0	319598.0	1.918229	Y



Calibration

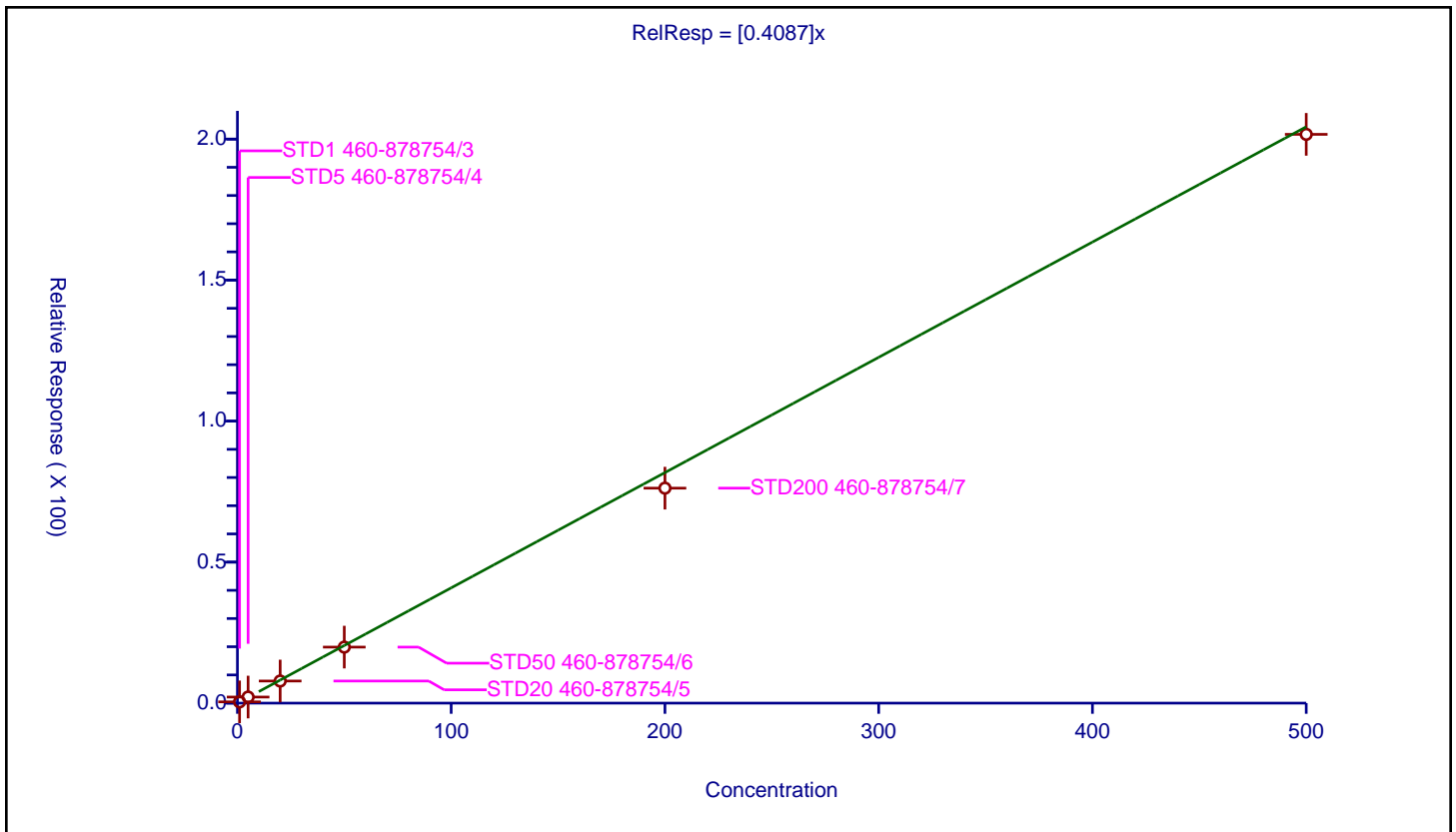
/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4087

Error Coefficients	
Standard Error:	997000
Relative Standard Error:	6.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.447173	50.0	395261.0	0.447173	Y
2	STD5 460-878754/4	5.0	2.156666	50.0	397674.0	0.431333	Y
3	STD20 460-878754/5	20.0	7.841588	50.0	419035.0	0.392079	Y
4	STD50 460-878754/6	50.0	19.864652	50.0	411311.0	0.397293	Y
5	STD200 460-878754/7	200.0	76.22864	50.0	471334.0	0.381143	Y
6	STD500 460-878754/8	500.0	201.676306	50.0	521295.0	0.403353	Y



Calibration

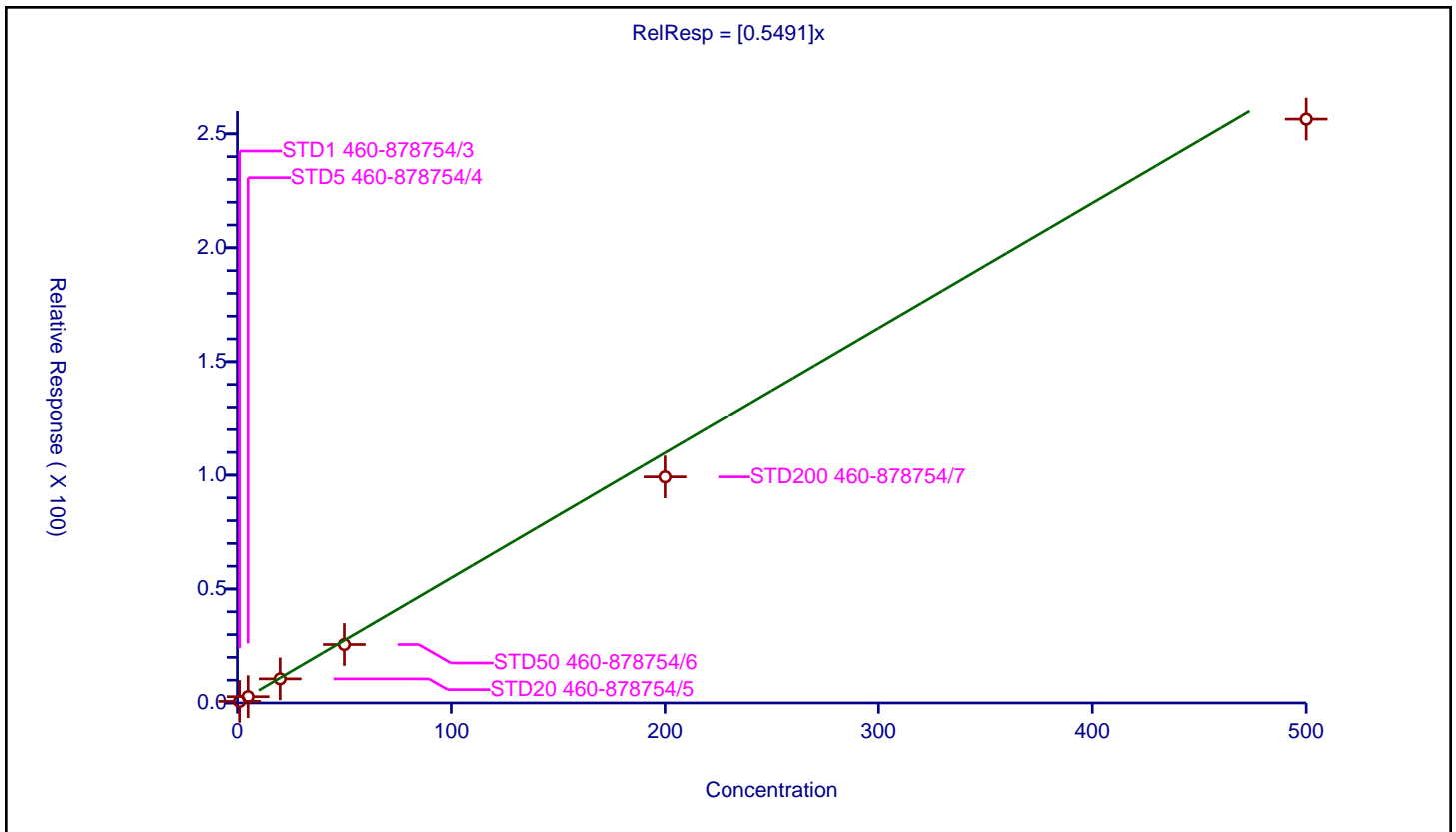
/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5491

Error Coefficients	
Standard Error:	1270000
Relative Standard Error:	13.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.69296	50.0	395261.0	0.69296	Y
2	STD5 460-878754/4	5.0	2.75238	50.0	397674.0	0.550476	Y
3	STD20 460-878754/5	20.0	10.5805	50.0	419035.0	0.529025	Y
4	STD50 460-878754/6	50.0	25.644585	50.0	411311.0	0.512892	Y
5	STD200 460-878754/7	200.0	99.239287	50.0	471334.0	0.496196	Y
6	STD500 460-878754/8	500.0	256.466684	50.0	521295.0	0.512933	Y



Calibration

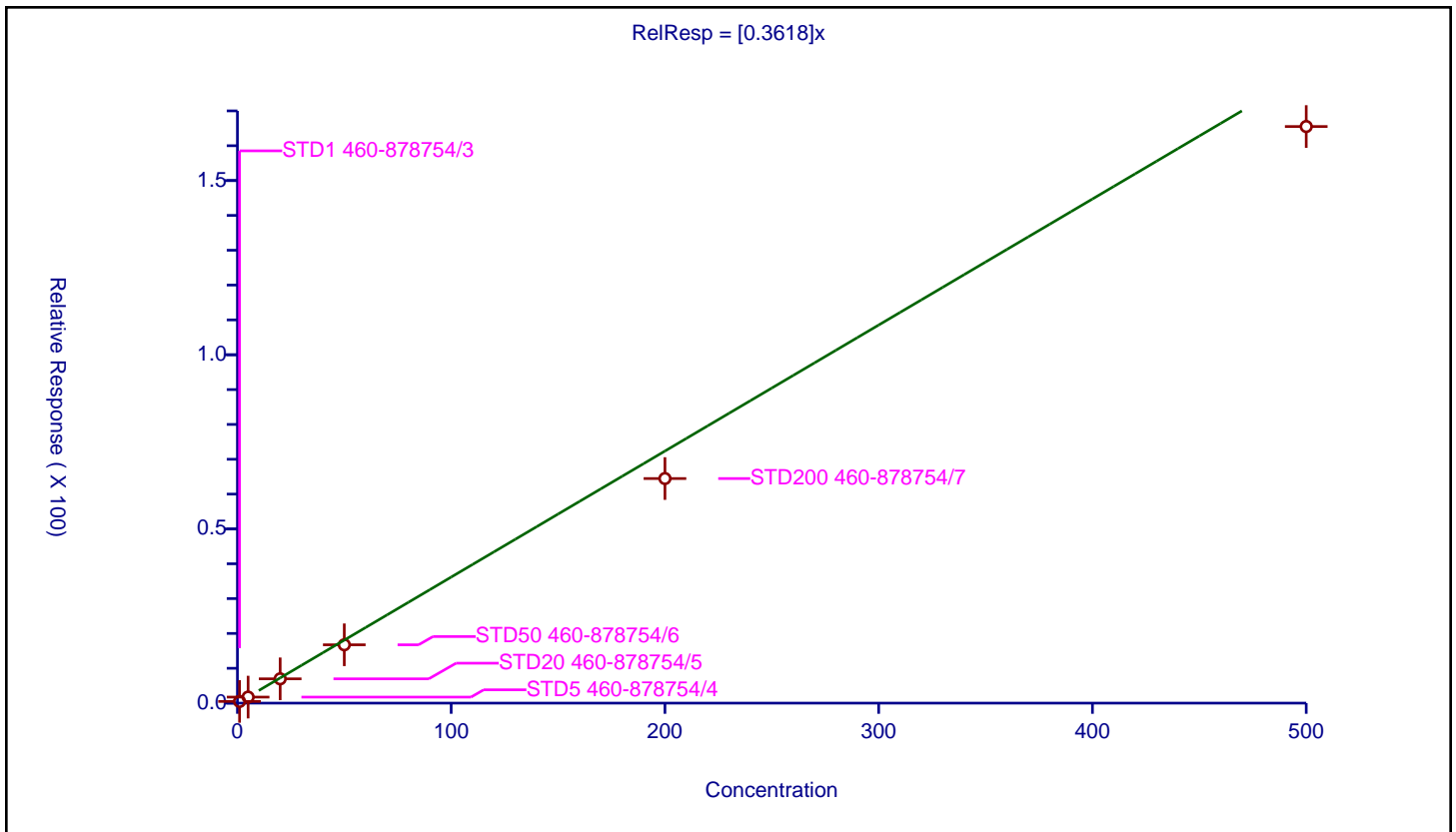
/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3618

Error Coefficients	
Standard Error:	821000
Relative Standard Error:	17.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.487146	50.0	395261.0	0.487146	Y
2	STD5 460-878754/4	5.0	1.731946	50.0	397674.0	0.346389	Y
3	STD20 460-878754/5	20.0	6.975312	50.0	419035.0	0.348766	Y
4	STD50 460-878754/6	50.0	16.748033	50.0	411311.0	0.334961	Y
5	STD200 460-878754/7	200.0	64.468933	50.0	471334.0	0.322345	Y
6	STD500 460-878754/8	500.0	165.509836	50.0	521295.0	0.33102	Y



Calibration

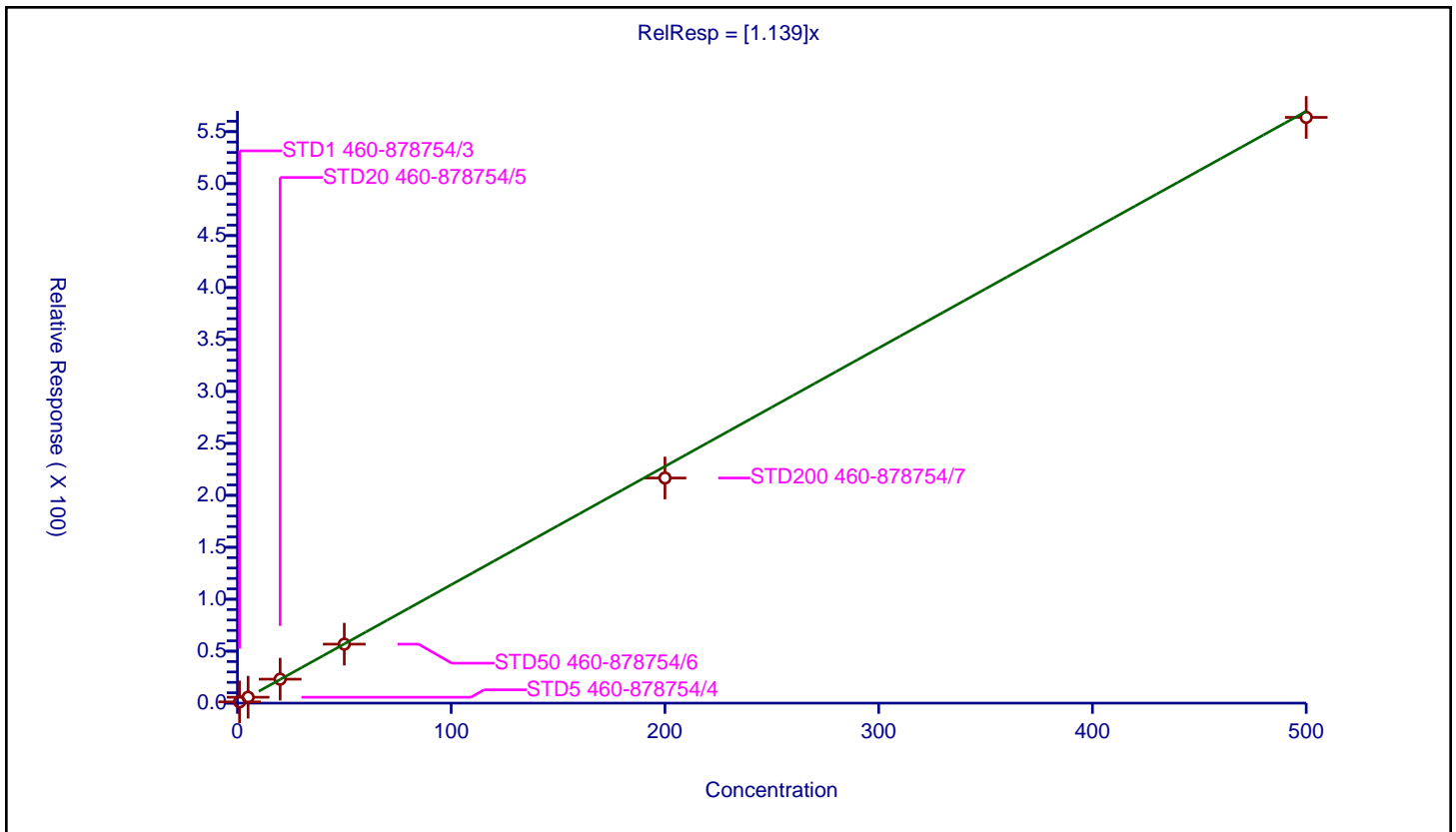
/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.139

Error Coefficients	
Standard Error:	2790000
Relative Standard Error:	3.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.201991	50.0	395261.0	1.201991	Y
2	STD5 460-878754/4	5.0	5.669594	50.0	397674.0	1.133919	Y
3	STD20 460-878754/5	20.0	23.063467	50.0	419035.0	1.153173	Y
4	STD50 460-878754/6	50.0	56.77006	50.0	411311.0	1.135401	Y
5	STD200 460-878754/7	200.0	216.65772	50.0	471334.0	1.083289	Y
6	STD500 460-878754/8	500.0	563.750468	50.0	521295.0	1.127501	Y



Calibration

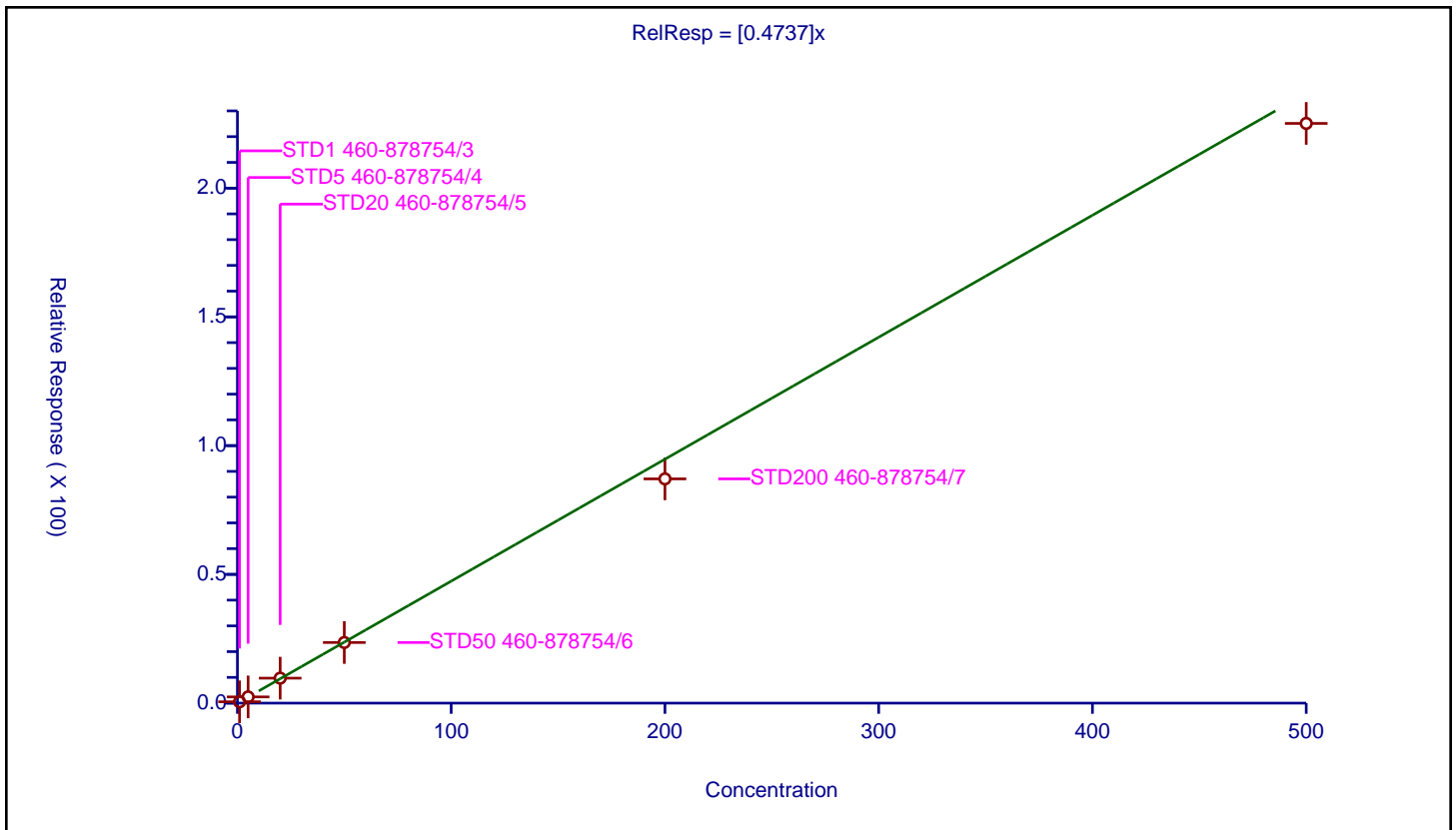
/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4737

Error Coefficients	
Standard Error:	1120000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.518265	50.0	395261.0	0.518265	Y
2	STD5 460-878754/4	5.0	2.410643	50.0	397674.0	0.482129	Y
3	STD20 460-878754/5	20.0	9.6974	50.0	419035.0	0.48487	Y
4	STD50 460-878754/6	50.0	23.547267	50.0	411311.0	0.470945	Y
5	STD200 460-878754/7	200.0	87.089622	50.0	471334.0	0.435448	Y
6	STD500 460-878754/8	500.0	225.136919	50.0	521295.0	0.450274	Y



Calibration

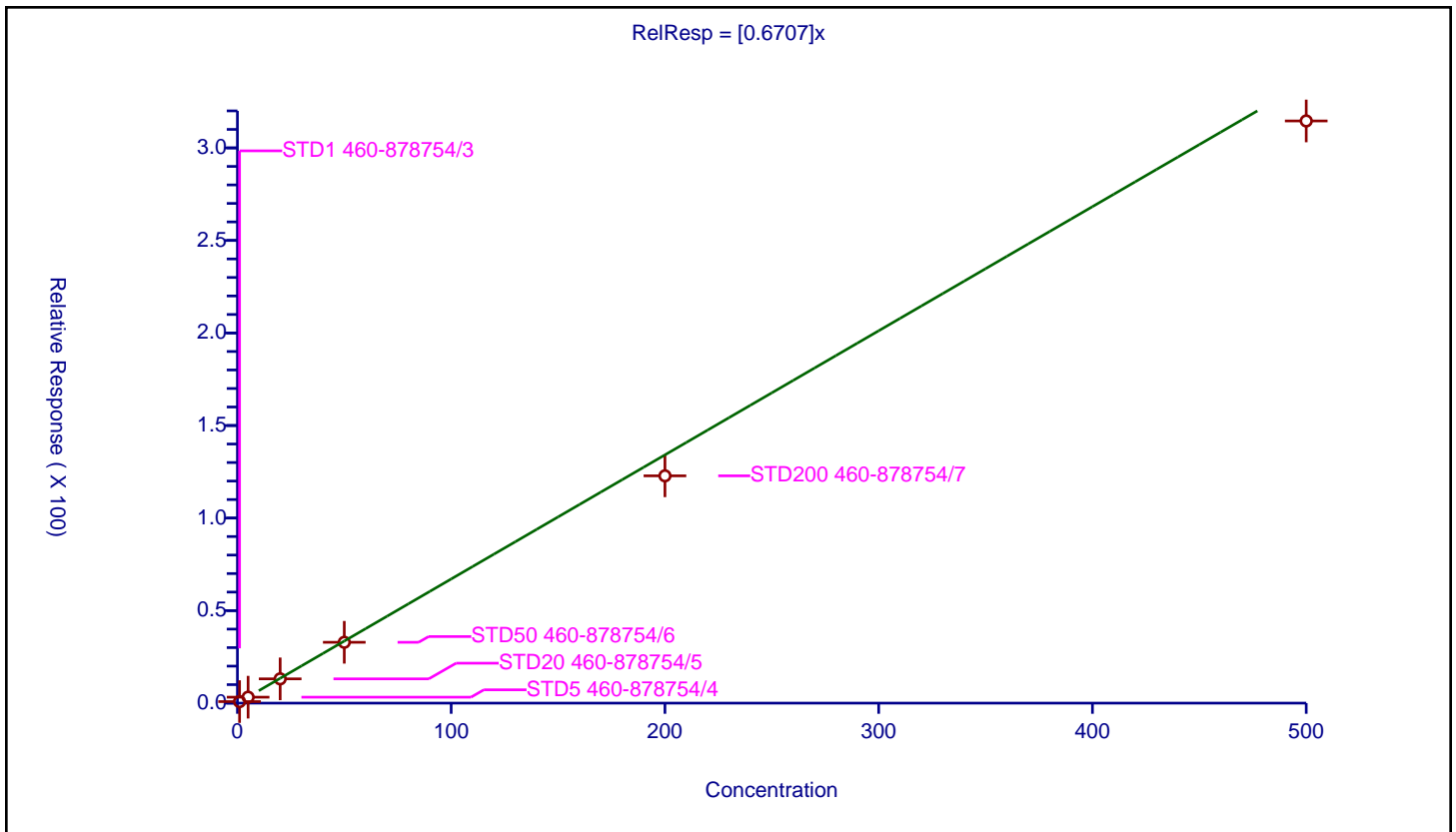
/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6707

Error Coefficients	
Standard Error:	1560000
Relative Standard Error:	11.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.824392	50.0	395261.0	0.824392	Y
2	STD5 460-878754/4	5.0	3.213436	50.0	397674.0	0.642687	Y
3	STD20 460-878754/5	20.0	13.124202	50.0	419035.0	0.65621	Y
4	STD50 460-878754/6	50.0	32.869897	50.0	411311.0	0.657398	Y
5	STD200 460-878754/7	200.0	122.816729	50.0	471334.0	0.614084	Y
6	STD500 460-878754/8	500.0	314.566608	50.0	521295.0	0.629133	Y



Calibration

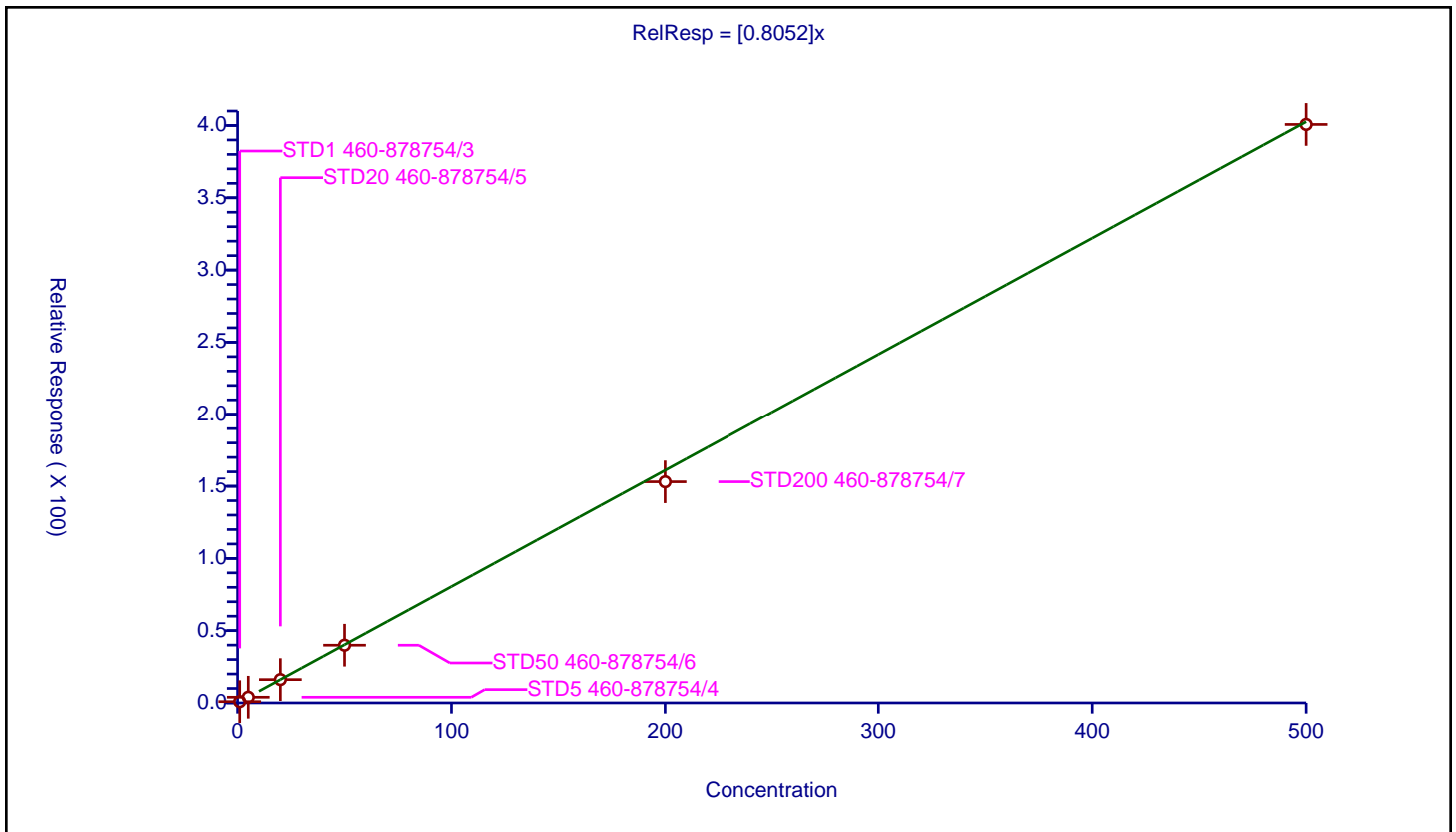
/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8052

Error Coefficients	
Standard Error:	1980000
Relative Standard Error:	4.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.873473	50.0	395261.0	0.873473	Y
2	STD5 460-878754/4	5.0	3.929978	50.0	397674.0	0.785996	Y
3	STD20 460-878754/5	20.0	16.127531	50.0	419035.0	0.806377	Y
4	STD50 460-878754/6	50.0	39.934137	50.0	411311.0	0.798683	Y
5	STD200 460-878754/7	200.0	153.078284	50.0	471334.0	0.765391	Y
6	STD500 460-878754/8	500.0	400.731352	50.0	521295.0	0.801463	Y



Calibration

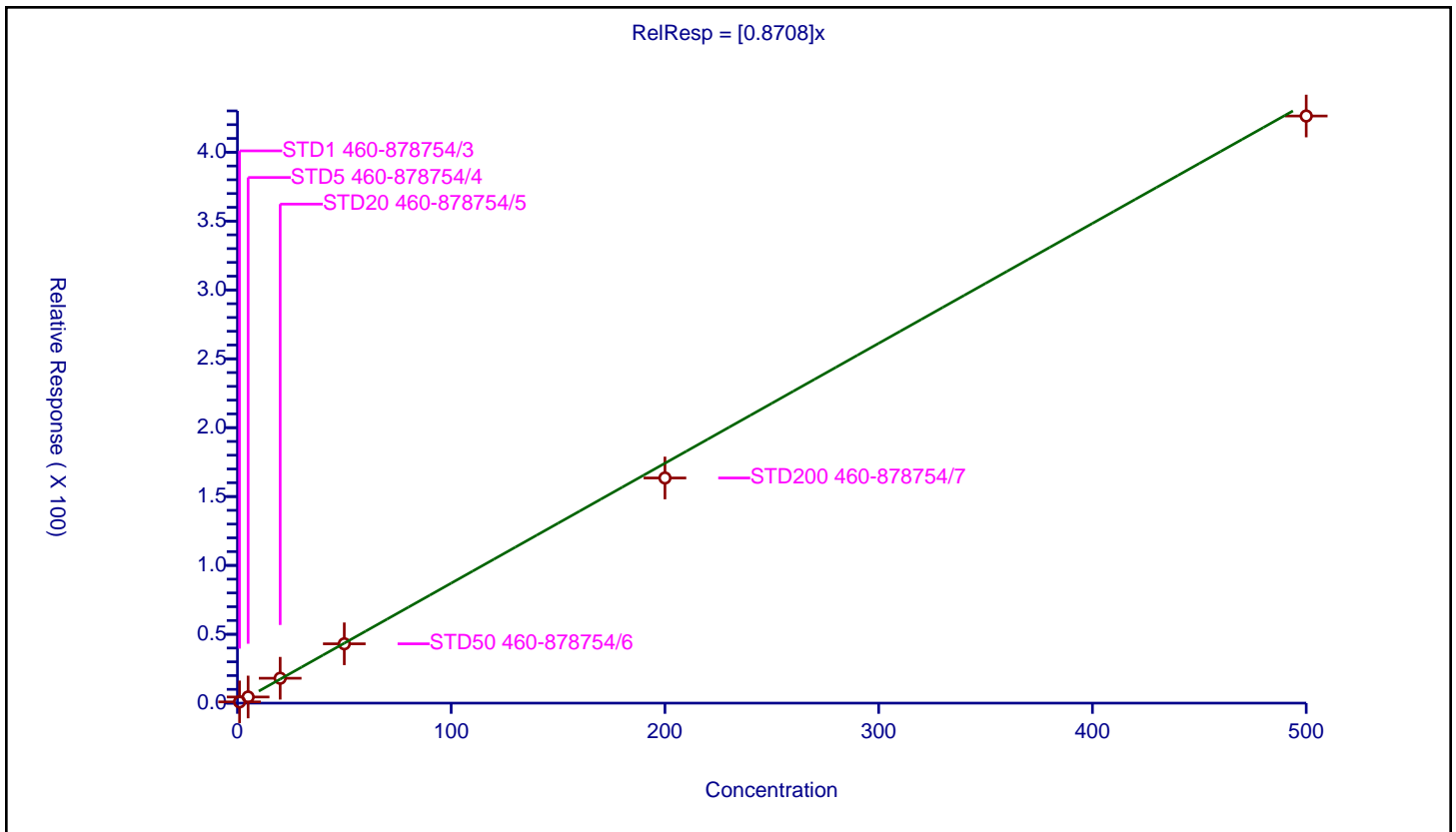
/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8708

Error Coefficients	
Standard Error:	2110000
Relative Standard Error:	3.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.8989	50.0	395261.0	0.8989	Y
2	STD5 460-878754/4	5.0	4.45654	50.0	397674.0	0.891308	Y
3	STD20 460-878754/5	20.0	18.062572	50.0	419035.0	0.903129	Y
4	STD50 460-878754/6	50.0	43.072882	50.0	411311.0	0.861458	Y
5	STD200 460-878754/7	200.0	163.478022	50.0	471334.0	0.81739	Y
6	STD500 460-878754/8	500.0	426.288858	50.0	521295.0	0.852578	Y



Calibration

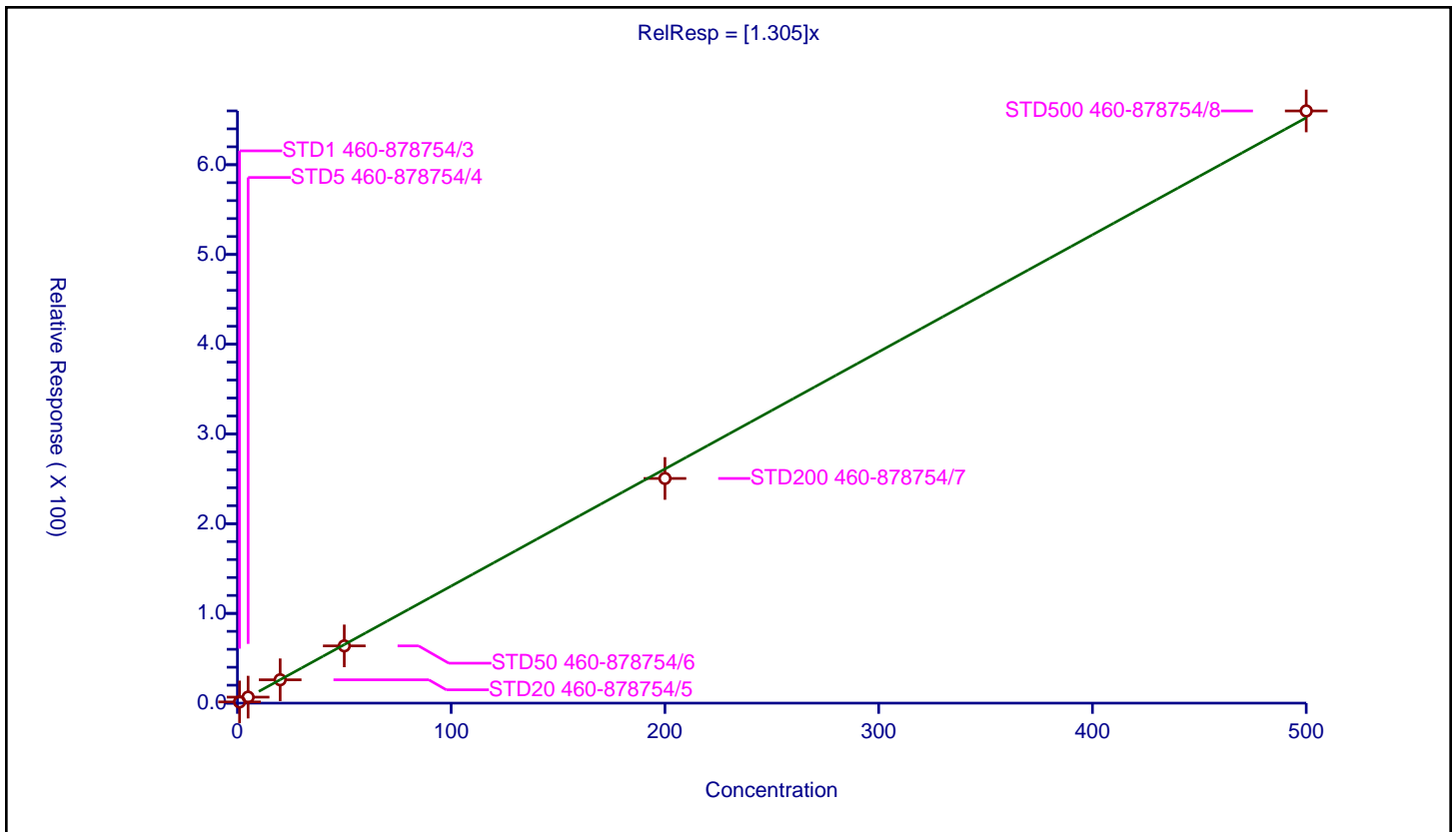
/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.305

Error Coefficients	
Standard Error:	3260000
Relative Standard Error:	2.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.343669	50.0	395261.0	1.343669	Y
2	STD5 460-878754/4	5.0	6.679089	50.0	397674.0	1.335818	Y
3	STD20 460-878754/5	20.0	26.023721	50.0	419035.0	1.301186	Y
4	STD50 460-878754/6	50.0	63.79224	50.0	411311.0	1.275845	Y
5	STD200 460-878754/7	200.0	250.386138	50.0	471334.0	1.251931	Y
6	STD500 460-878754/8	500.0	659.929023	50.0	521295.0	1.319858	Y



Calibration

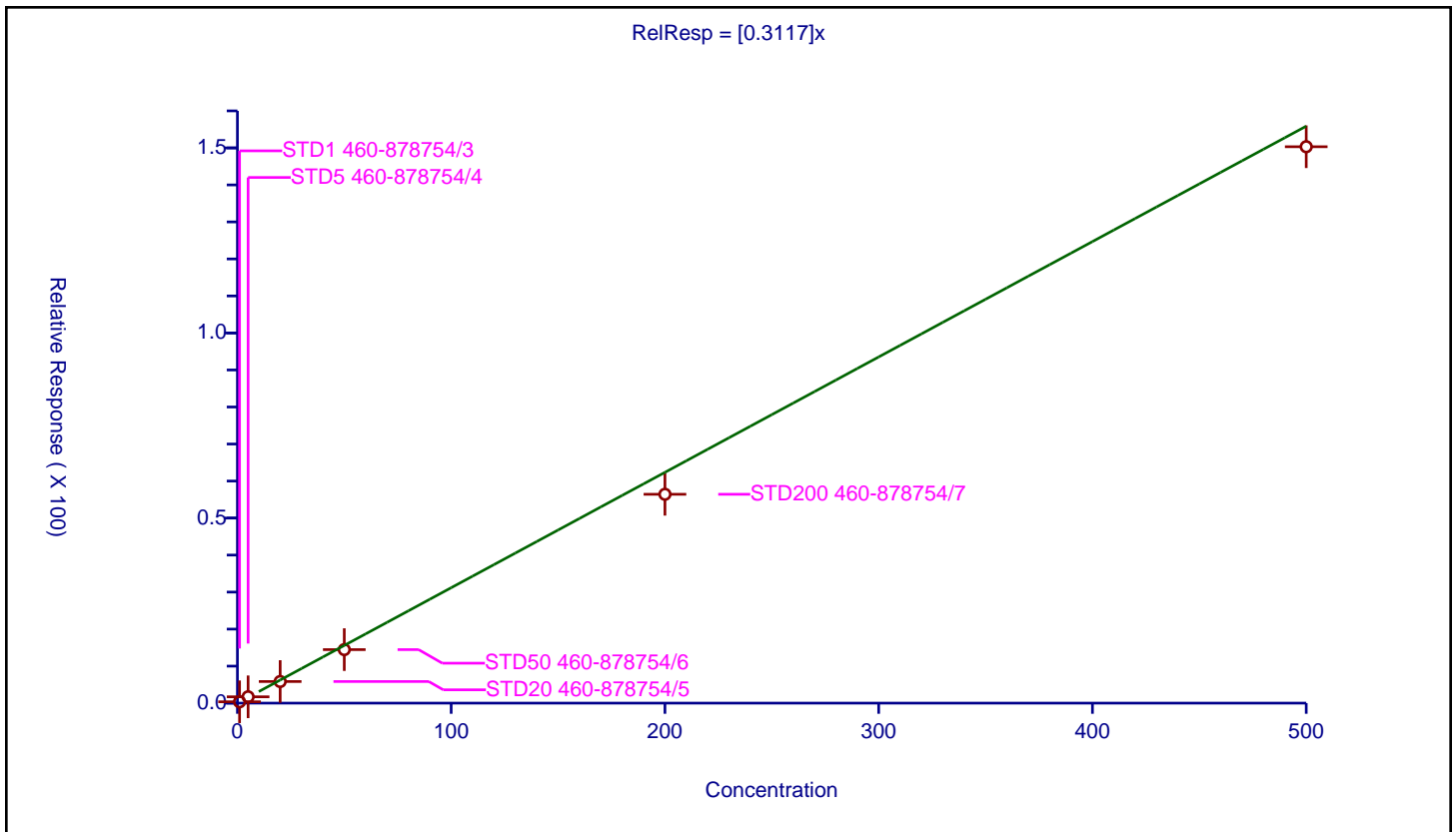
/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3117

Error Coefficients	
Standard Error:	742000
Relative Standard Error:	10.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.364443	50.0	395261.0	0.364443	Y
2	STD5 460-878754/4	5.0	1.709943	50.0	397674.0	0.341989	Y
3	STD20 460-878754/5	20.0	5.839846	50.0	419035.0	0.291992	Y
4	STD50 460-878754/6	50.0	14.461685	50.0	411311.0	0.289234	Y
5	STD200 460-878754/7	200.0	56.424956	50.0	471334.0	0.282125	Y
6	STD500 460-878754/8	500.0	150.314985	50.0	521295.0	0.30063	Y



Calibration

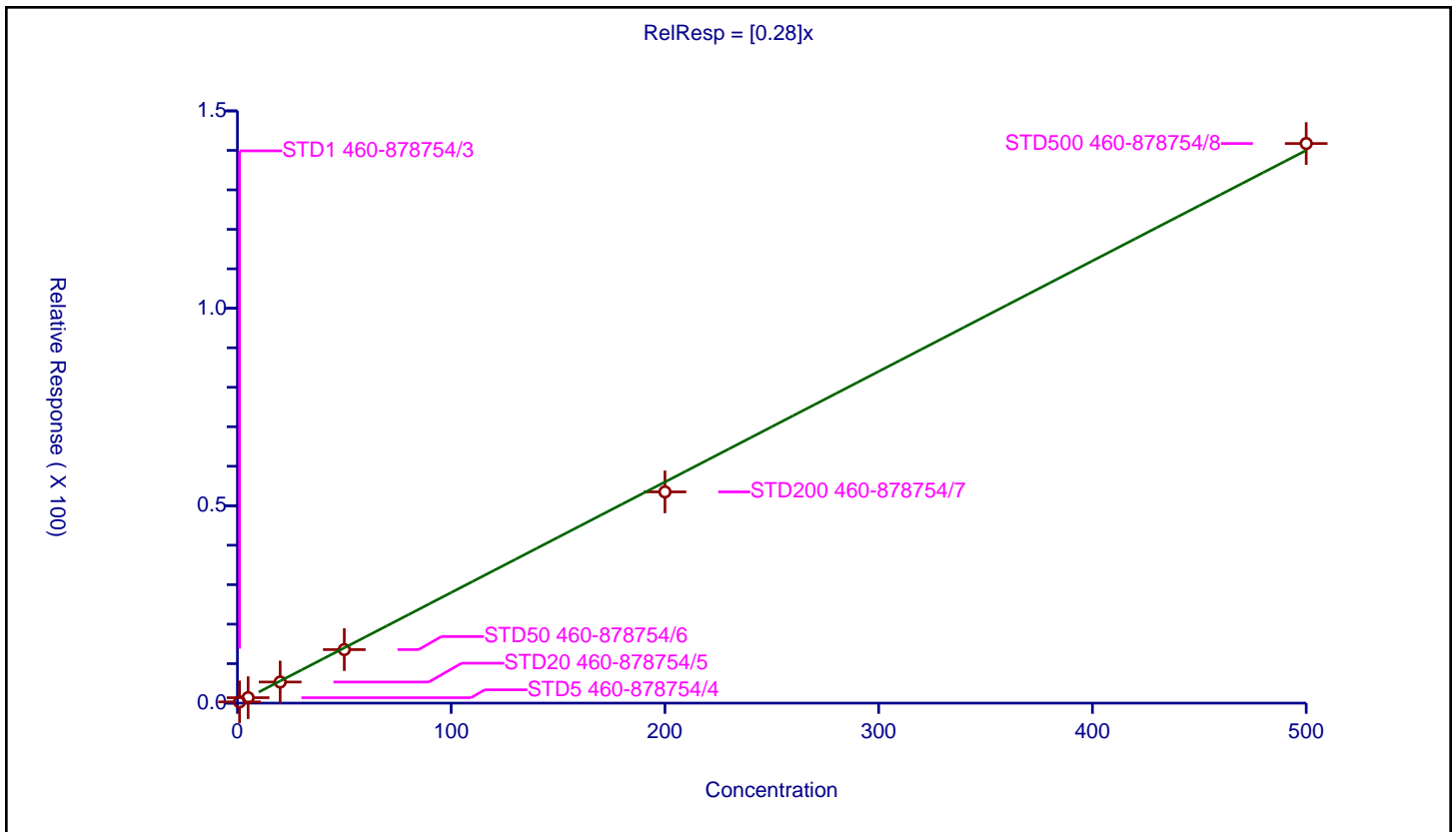
/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.28

Error Coefficients	
Standard Error:	700000
Relative Standard Error:	6.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.314729	50.0	395261.0	0.314729	Y
2	STD5 460-878754/4	5.0	1.379522	50.0	397674.0	0.275904	Y
3	STD20 460-878754/5	20.0	5.347047	50.0	419035.0	0.267352	Y
4	STD50 460-878754/6	50.0	13.557746	50.0	411311.0	0.271155	Y
5	STD200 460-878754/7	200.0	53.506537	50.0	471334.0	0.267533	Y
6	STD500 460-878754/8	500.0	141.739802	50.0	521295.0	0.28348	Y



Calibration

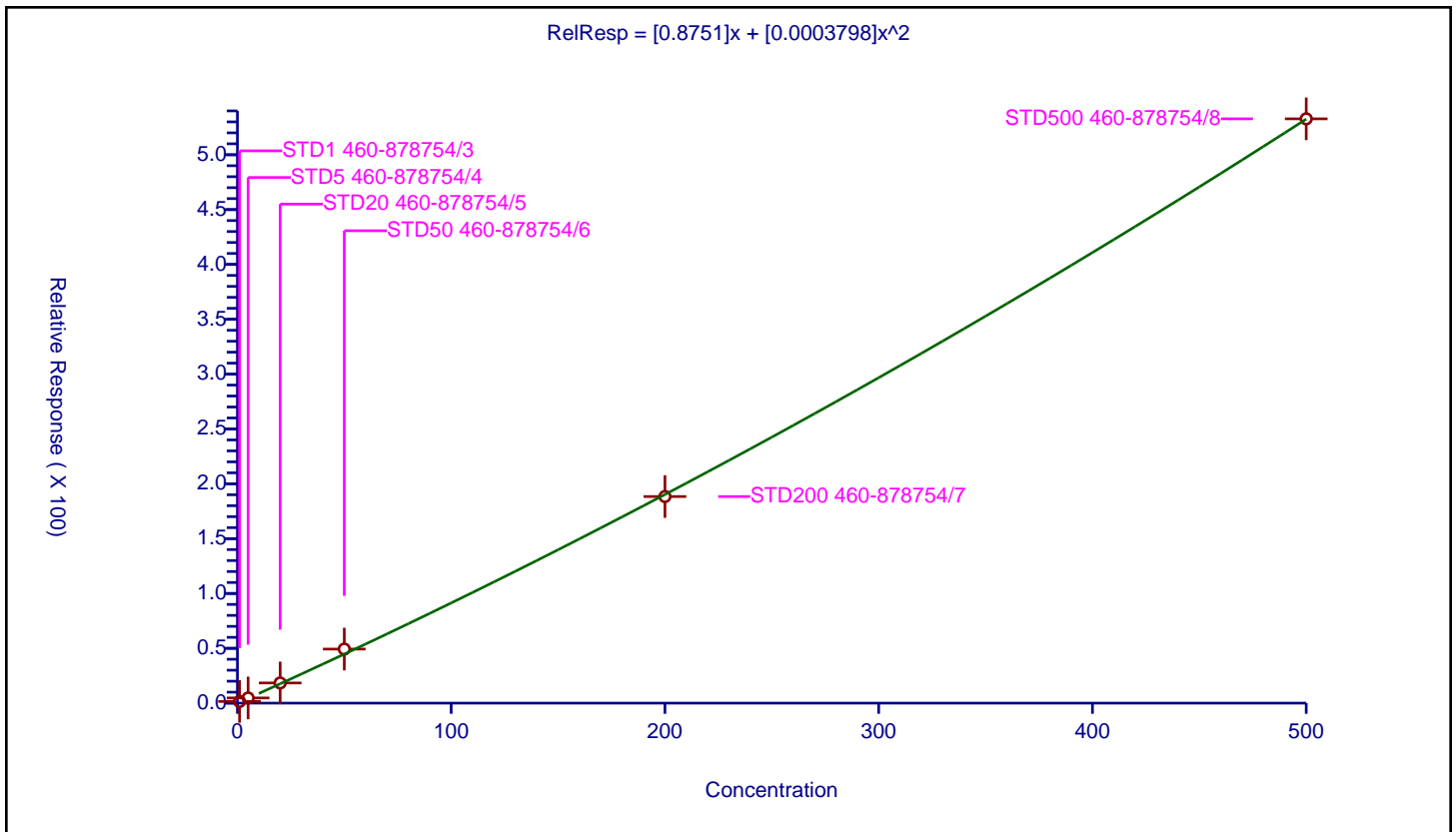
/ Amyl acetate (mixed isomers)

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8751
Second Order:	0.0003798

Error Coefficients	
Standard Error:	1640000
Relative Standard Error:	37.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.513923	50.0	224450.0	1.513923	Y
2	STD5 460-878754/4	5.0	4.723262	50.0	233578.0	0.944652	Y
3	STD20 460-878754/5	20.0	18.386982	50.0	243686.0	0.919349	Y
4	STD50 460-878754/6	50.0	49.289459	50.0	229825.0	0.985789	Y
5	STD200 460-878754/7	200.0	188.364601	50.0	261508.0	0.941823	Y
6	STD500 460-878754/8	500.0	532.773591	50.0	293677.0	1.065547	Y



Calibration

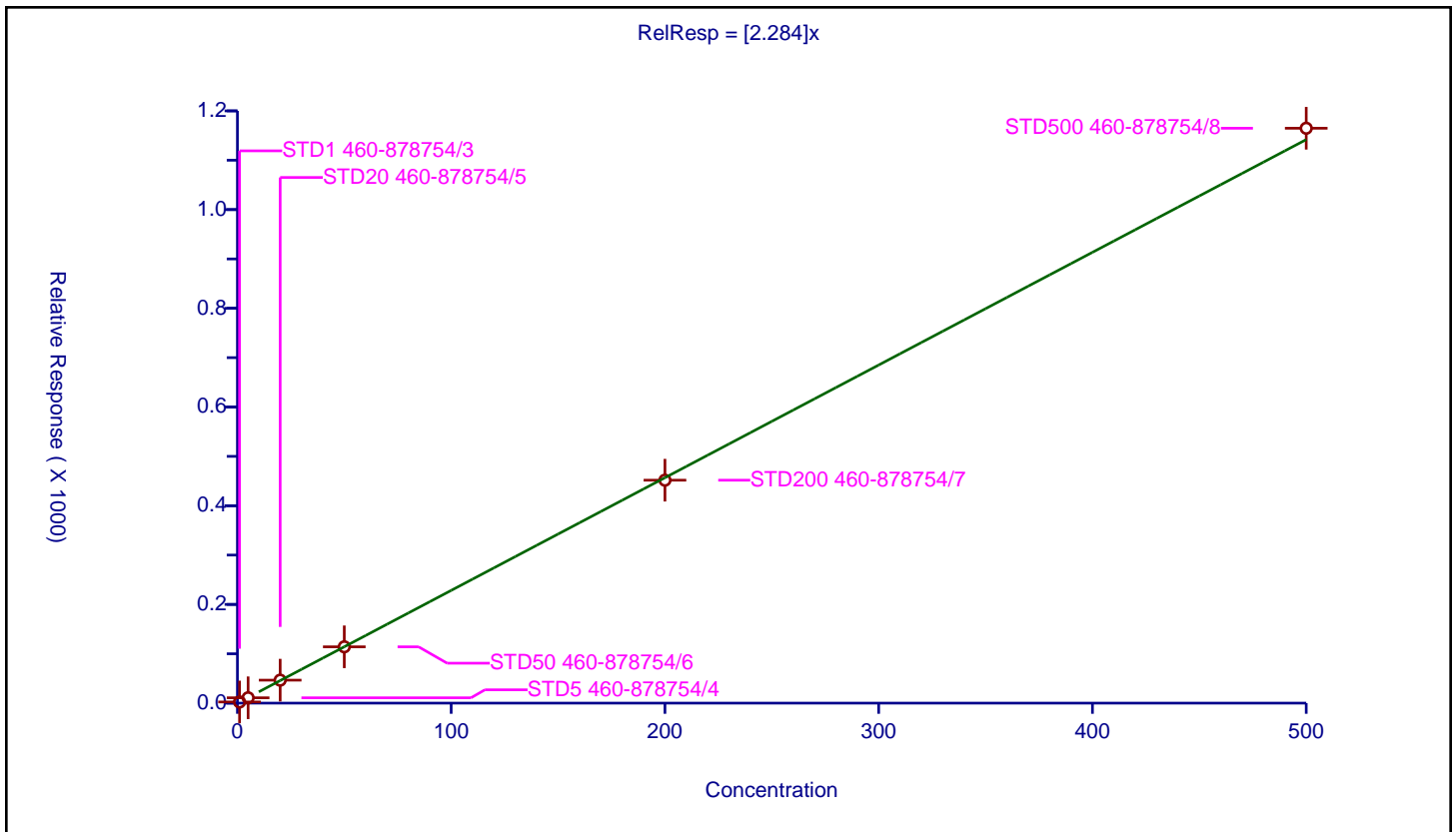
/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.284

Error Coefficients	
Standard Error:	5770000
Relative Standard Error:	2.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.336684	50.0	395261.0	2.336684	Y
2	STD5 460-878754/4	5.0	10.832617	50.0	397674.0	2.166523	Y
3	STD20 460-878754/5	20.0	46.569141	50.0	419035.0	2.328457	Y
4	STD50 460-878754/6	50.0	114.097483	50.0	411311.0	2.28195	Y
5	STD200 460-878754/7	200.0	451.697628	50.0	471334.0	2.258488	Y
6	STD500 460-878754/8	500.0	1164.812726	50.0	521295.0	2.329625	Y



Calibration

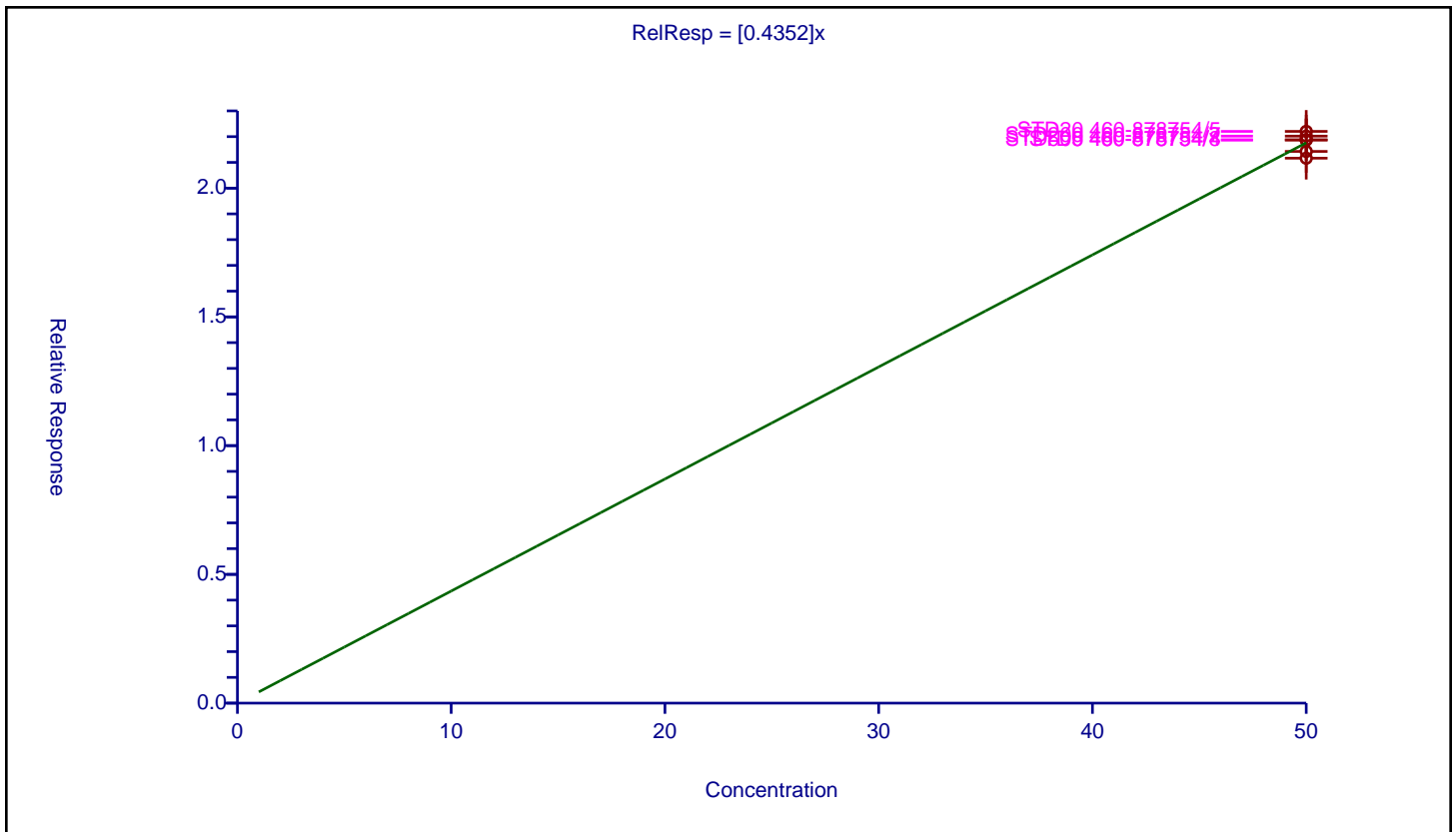
/ 4-Bromofluorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.4352

Error Coefficients	
Standard Error:	209000
Relative Standard Error:	1.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	50.0	21.162725	50.0	395261.0	0.423255	Y
2	STD5 460-878754/4	50.0	21.869672	50.0	397674.0	0.437393	Y
3	STD20 460-878754/5	50.0	22.203754	50.0	419035.0	0.444075	Y
4	STD50 460-878754/6	50.0	21.425515	50.0	411311.0	0.42851	Y
5	STD200 460-878754/7	50.0	22.020902	50.0	471334.0	0.440418	Y
6	STD500 460-878754/8	50.0	21.875713	50.0	521295.0	0.437514	Y



Calibration

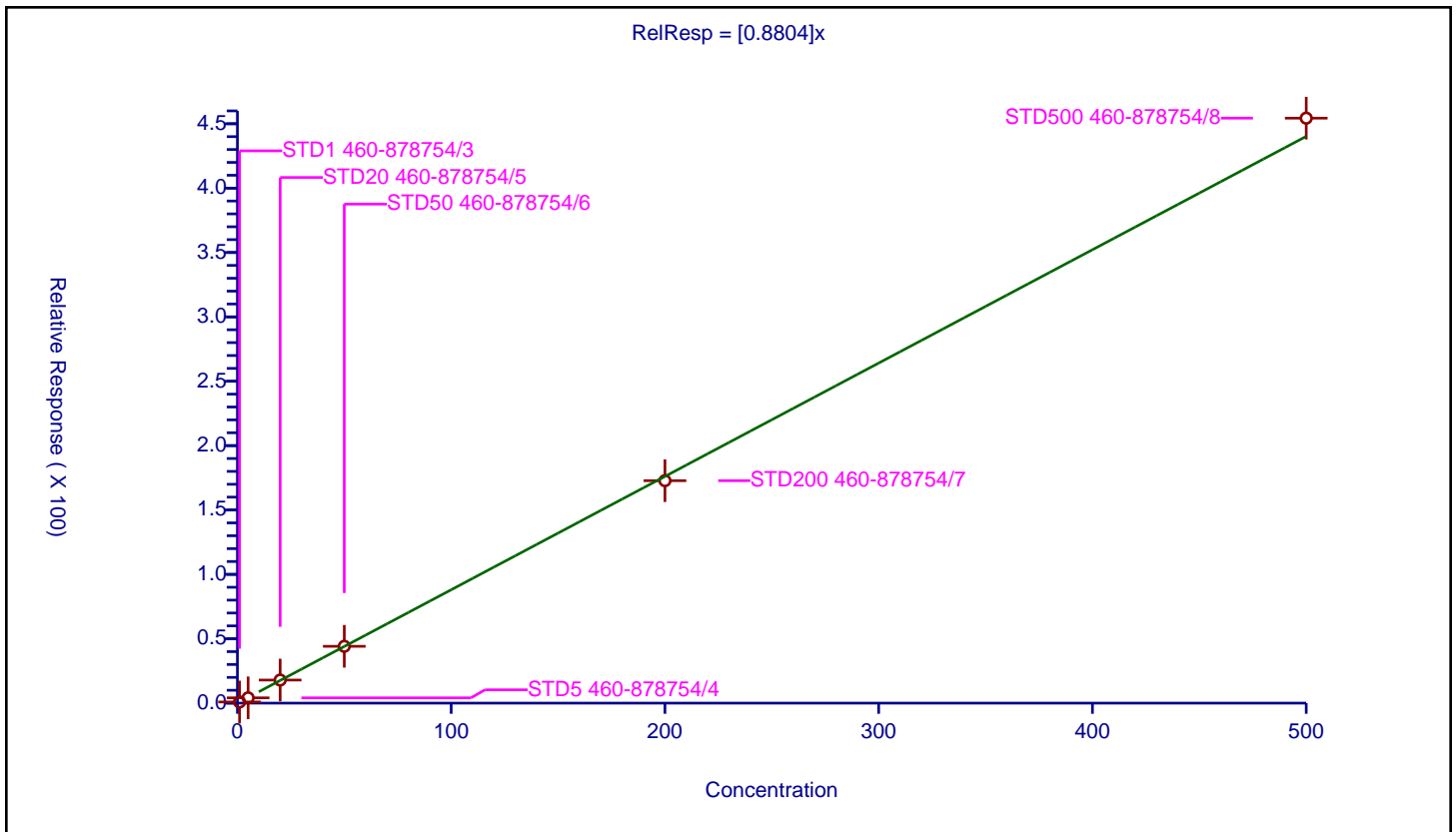
/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8804

Error Coefficients	
Standard Error:	1260000
Relative Standard Error:	3.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.907775	50.0	224450.0	0.907775	Y
2	STD5 460-878754/4	5.0	4.113615	50.0	233578.0	0.822723	Y
3	STD20 460-878754/5	20.0	17.932914	50.0	243686.0	0.896646	Y
4	STD50 460-878754/6	50.0	44.135103	50.0	229825.0	0.882702	Y
5	STD200 460-878754/7	200.0	172.782859	50.0	261508.0	0.863914	Y
6	STD500 460-878754/8	500.0	454.342526	50.0	293677.0	0.908685	Y



Calibration

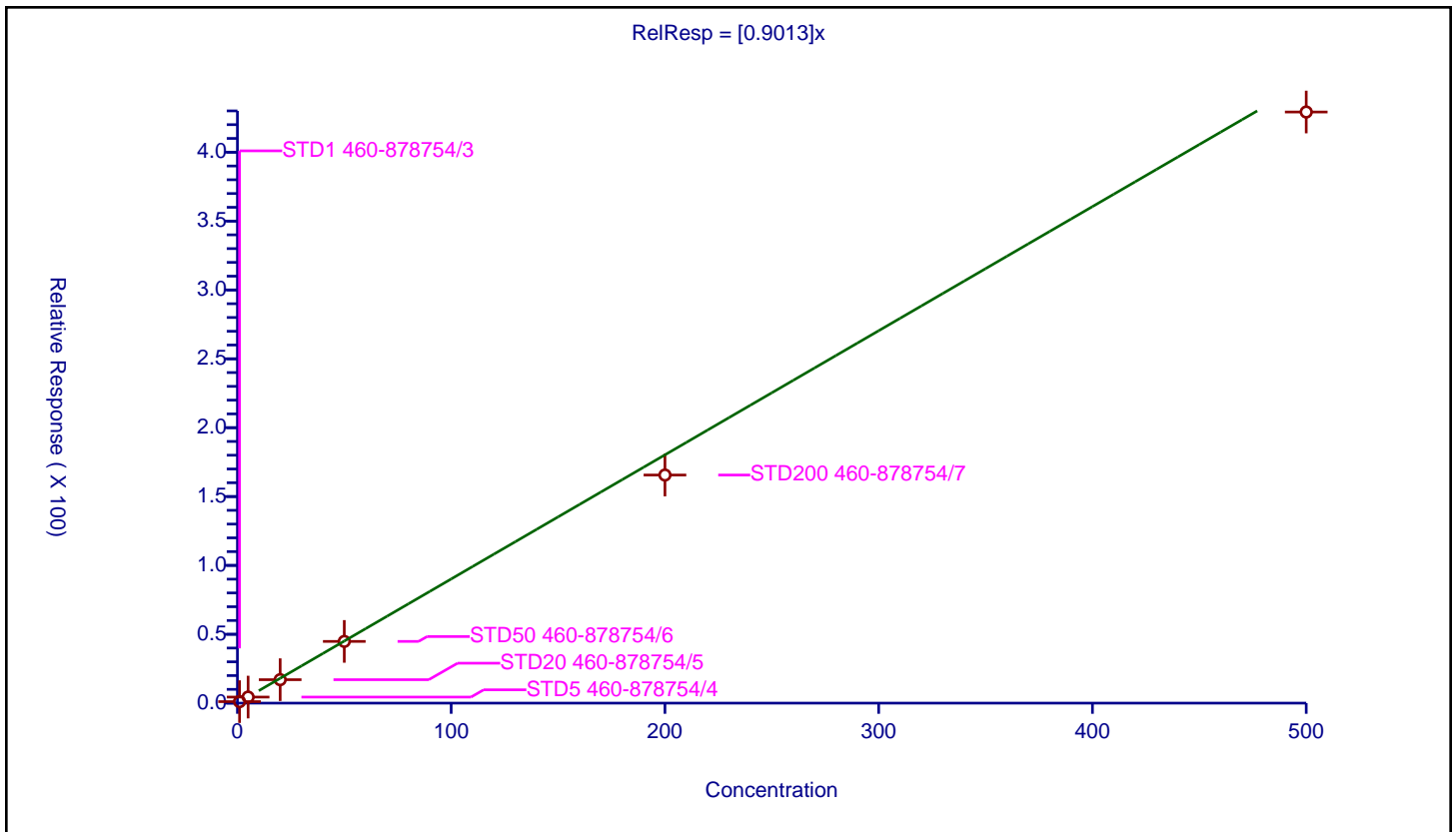
/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9013

Error Coefficients	
Standard Error:	1200000
Relative Standard Error:	10.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.09579	50.0	224450.0	1.09579	Y
2	STD5 460-878754/4	5.0	4.391895	50.0	233578.0	0.878379	Y
3	STD20 460-878754/5	20.0	17.020674	50.0	243686.0	0.851034	Y
4	STD50 460-878754/6	50.0	44.811269	50.0	229825.0	0.896225	Y
5	STD200 460-878754/7	200.0	165.608127	50.0	261508.0	0.828041	Y
6	STD500 460-878754/8	500.0	429.189211	50.0	293677.0	0.858378	Y



Calibration

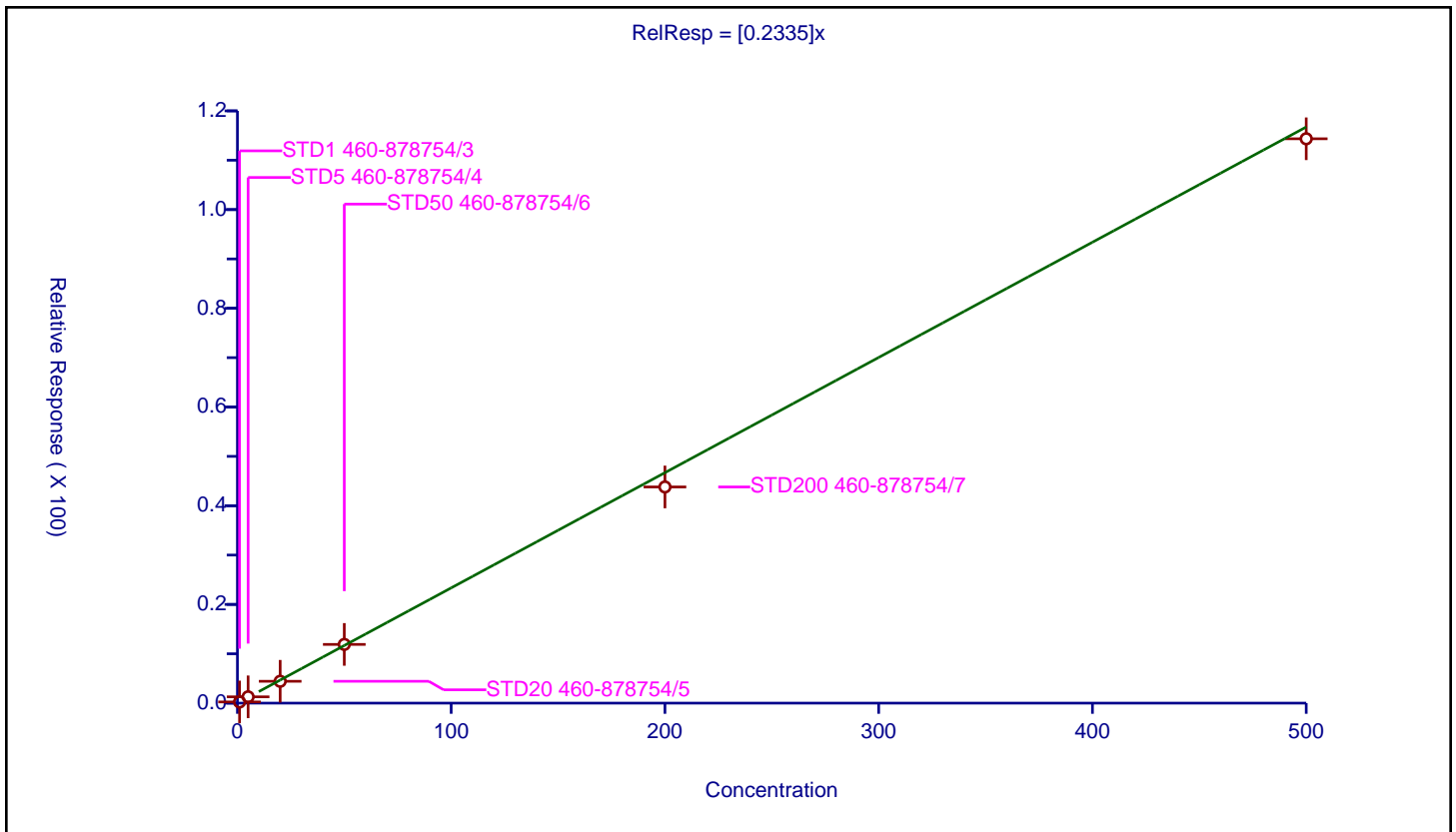
/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2335

Error Coefficients	
Standard Error:	318000
Relative Standard Error:	5.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.238806	50.0	224450.0	0.238806	Y
2	STD5 460-878754/4	5.0	1.275377	50.0	233578.0	0.255075	Y
3	STD20 460-878754/5	20.0	4.425367	50.0	243686.0	0.221268	Y
4	STD50 460-878754/6	50.0	11.897748	50.0	229825.0	0.237955	Y
5	STD200 460-878754/7	200.0	43.80191	50.0	261508.0	0.21901	Y
6	STD500 460-878754/8	500.0	114.352333	50.0	293677.0	0.228705	Y



Calibration

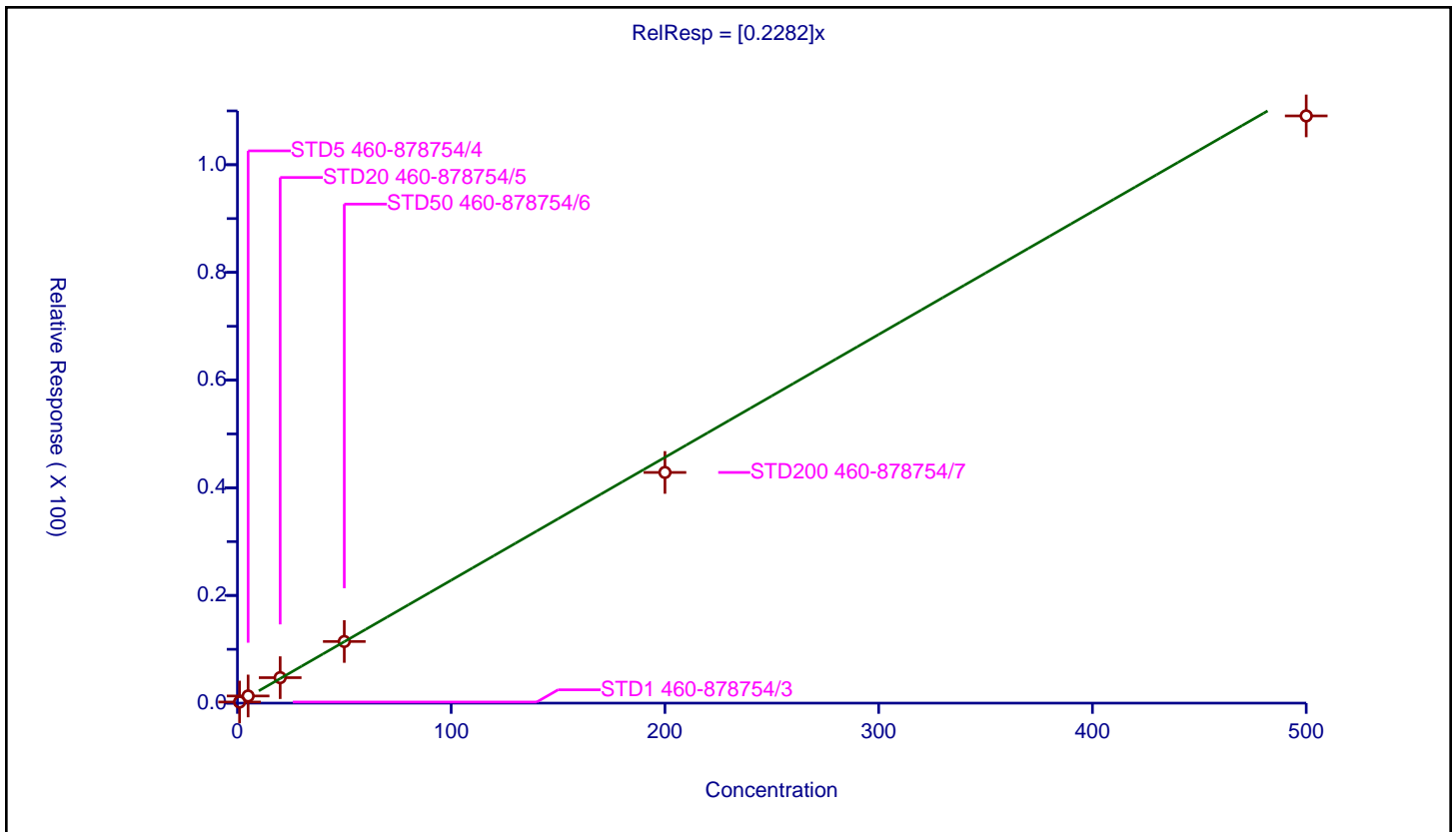
/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2282

Error Coefficients	
Standard Error:	305000
Relative Standard Error:	9.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.206282	50.0	224450.0	0.206282	Y
2	STD5 460-878754/4	5.0	1.326109	50.0	233578.0	0.265222	Y
3	STD20 460-878754/5	20.0	4.732525	50.0	243686.0	0.236626	Y
4	STD50 460-878754/6	50.0	11.447841	50.0	229825.0	0.228957	Y
5	STD200 460-878754/7	200.0	42.846299	50.0	261508.0	0.214231	Y
6	STD500 460-878754/8	500.0	109.071531	50.0	293677.0	0.218143	Y



Calibration

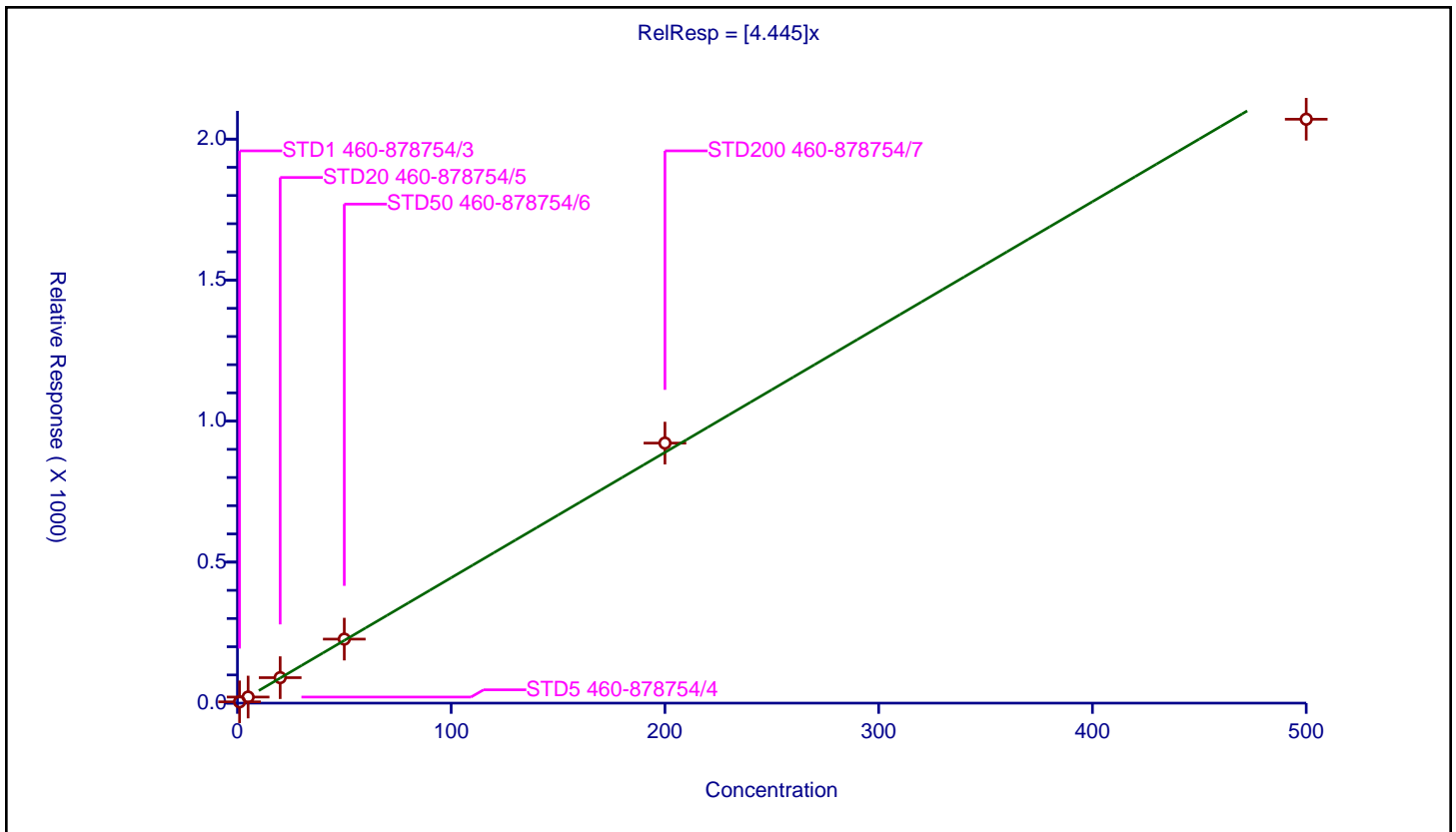
/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.445

Error Coefficients	
Standard Error:	5870000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.548897	50.0	224450.0	4.548897	Y
2	STD5 460-878754/4	5.0	21.569026	50.0	233578.0	4.313805	Y
3	STD20 460-878754/5	20.0	90.367522	50.0	243686.0	4.518376	Y
4	STD50 460-878754/6	50.0	226.985315	50.0	229825.0	4.539706	Y
5	STD200 460-878754/7	200.0	922.026668	50.0	261508.0	4.610133	Y
6	STD500 460-878754/8	500.0	2070.402517	50.0	293677.0	4.140805	Y



Calibration

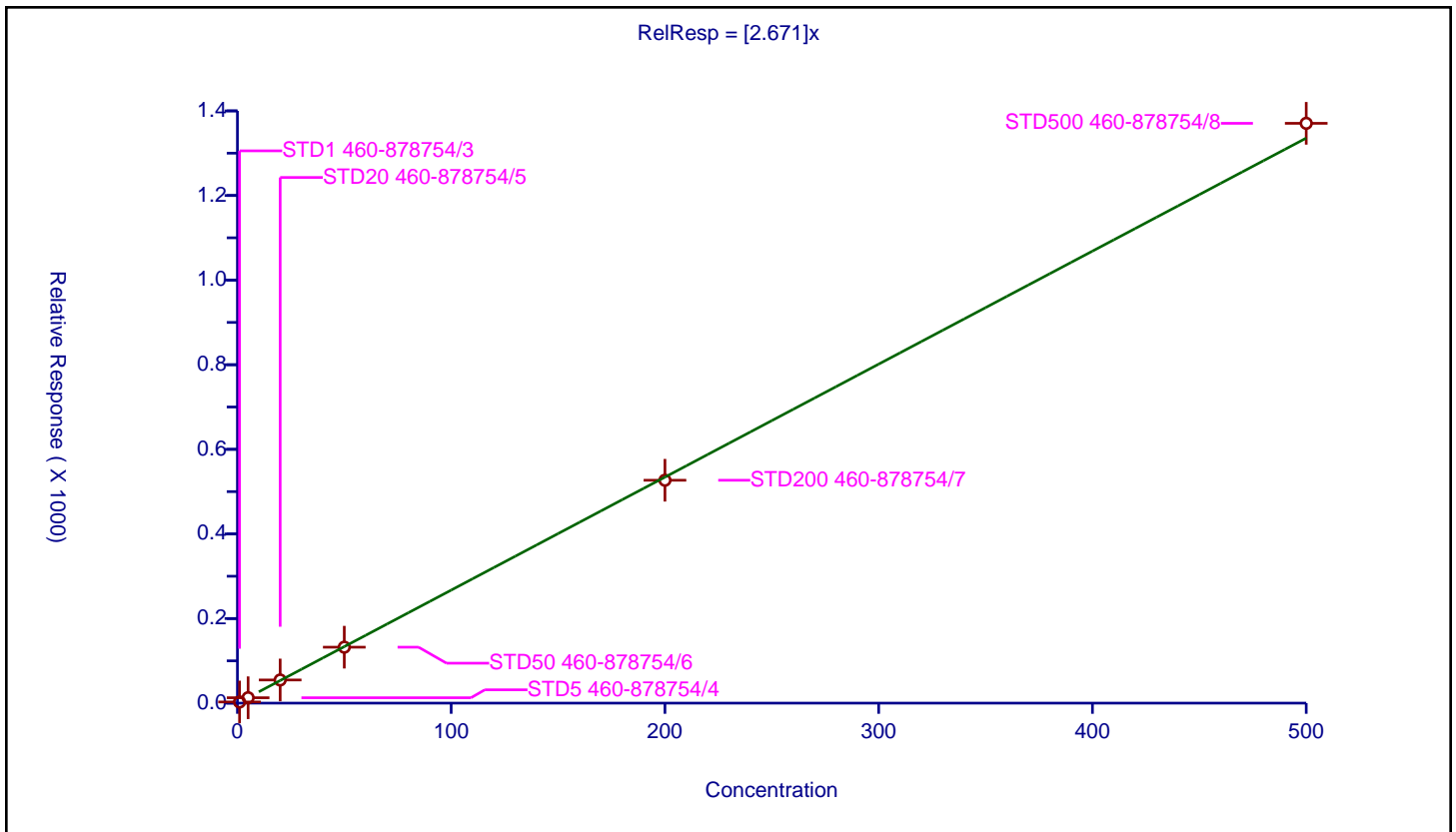
/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.671

Error Coefficients	
Standard Error:	3820000
Relative Standard Error:	2.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.715304	50.0	224450.0	2.715304	Y
2	STD5 460-878754/4	5.0	12.771965	50.0	233578.0	2.554393	Y
3	STD20 460-878754/5	20.0	54.744015	50.0	243686.0	2.737201	Y
4	STD50 460-878754/6	50.0	132.259328	50.0	229825.0	2.645187	Y
5	STD200 460-878754/7	200.0	526.87891	50.0	261508.0	2.634395	Y
6	STD500 460-878754/8	500.0	1370.596267	50.0	293677.0	2.741193	Y



Calibration

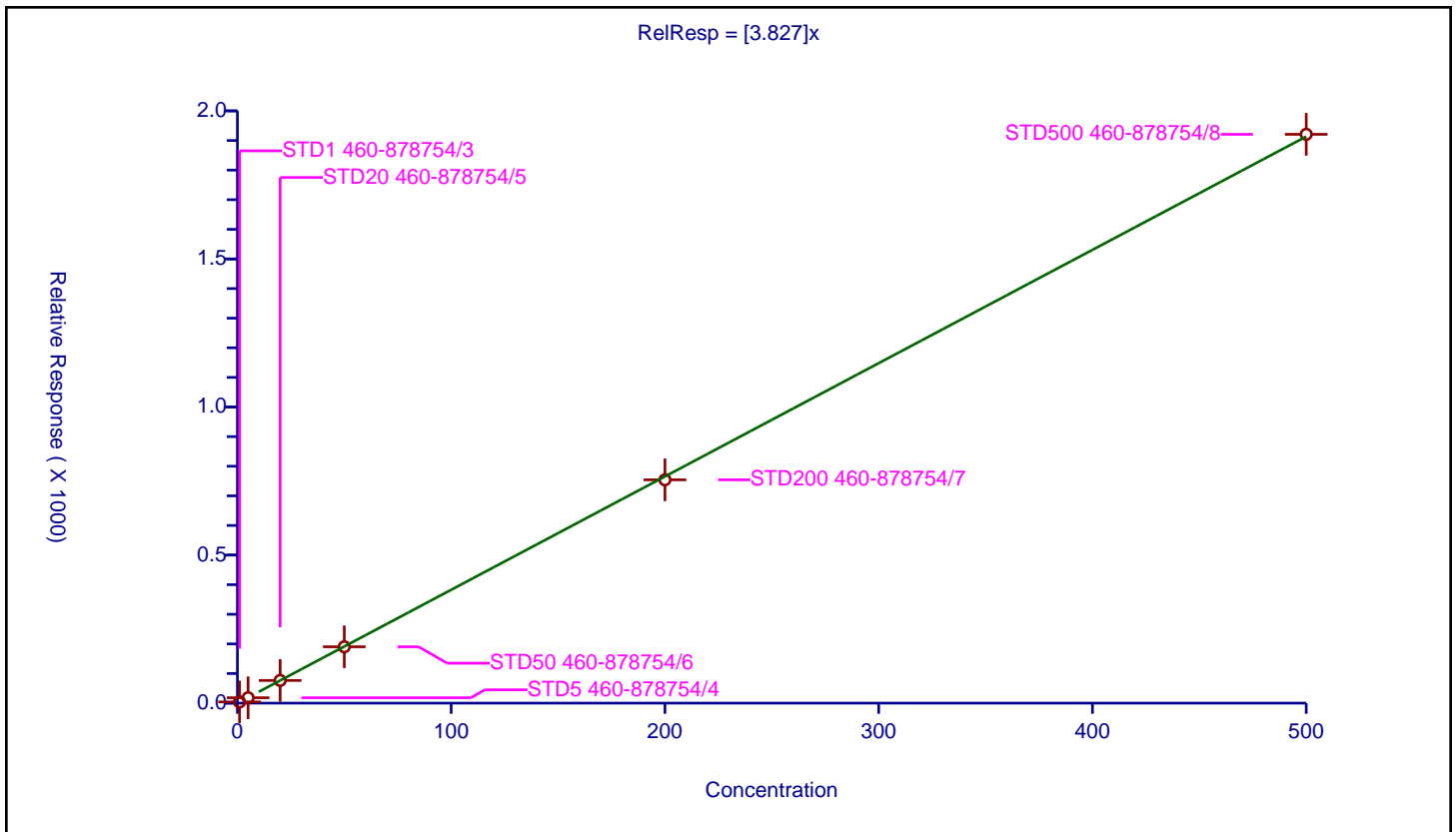
/ 4-Ethyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.827

Error Coefficients	
Standard Error:	5360000
Relative Standard Error:	3.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.070172	50.0	224450.0	4.070172	Y
2	STD5 460-878754/4	5.0	18.202913	50.0	233578.0	3.640583	Y
3	STD20 460-878754/5	20.0	76.621964	50.0	243686.0	3.831098	Y
4	STD50 460-878754/6	50.0	190.296095	50.0	229825.0	3.805922	Y
5	STD200 460-878754/7	200.0	754.139262	50.0	261508.0	3.770696	Y
6	STD500 460-878754/8	500.0	1920.849777	50.0	293677.0	3.8417	Y



Calibration

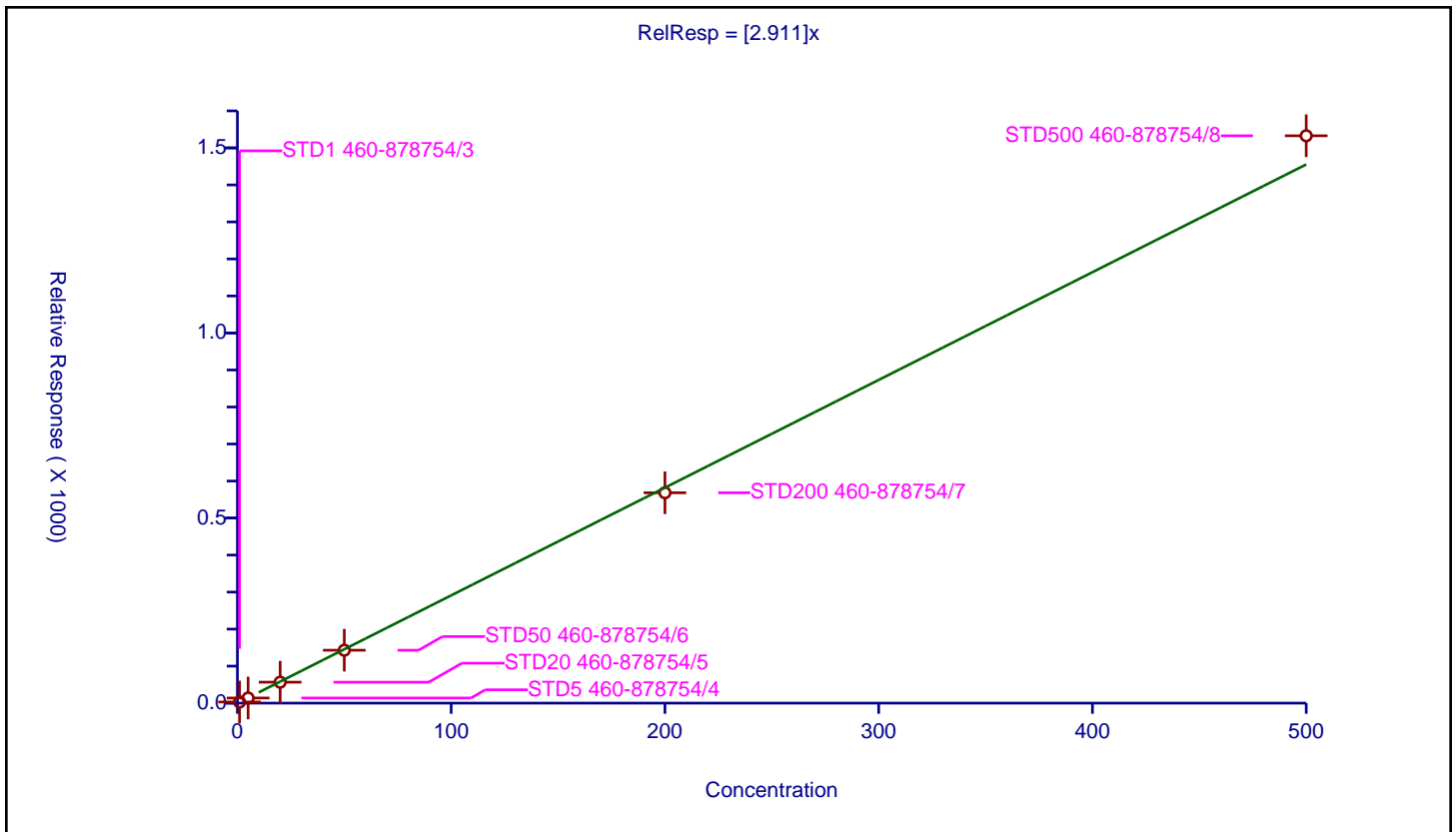
/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.911

Error Coefficients	
Standard Error:	4250000
Relative Standard Error:	4.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	3.093339	50.0	224450.0	3.093339	Y
2	STD5 460-878754/4	5.0	13.880588	50.0	233578.0	2.776118	Y
3	STD20 460-878754/5	20.0	56.562133	50.0	243686.0	2.828107	Y
4	STD50 460-878754/6	50.0	142.916132	50.0	229825.0	2.858323	Y
5	STD200 460-878754/7	200.0	568.336342	50.0	261508.0	2.841682	Y
6	STD500 460-878754/8	500.0	1532.721664	50.0	293677.0	3.065443	Y



Calibration

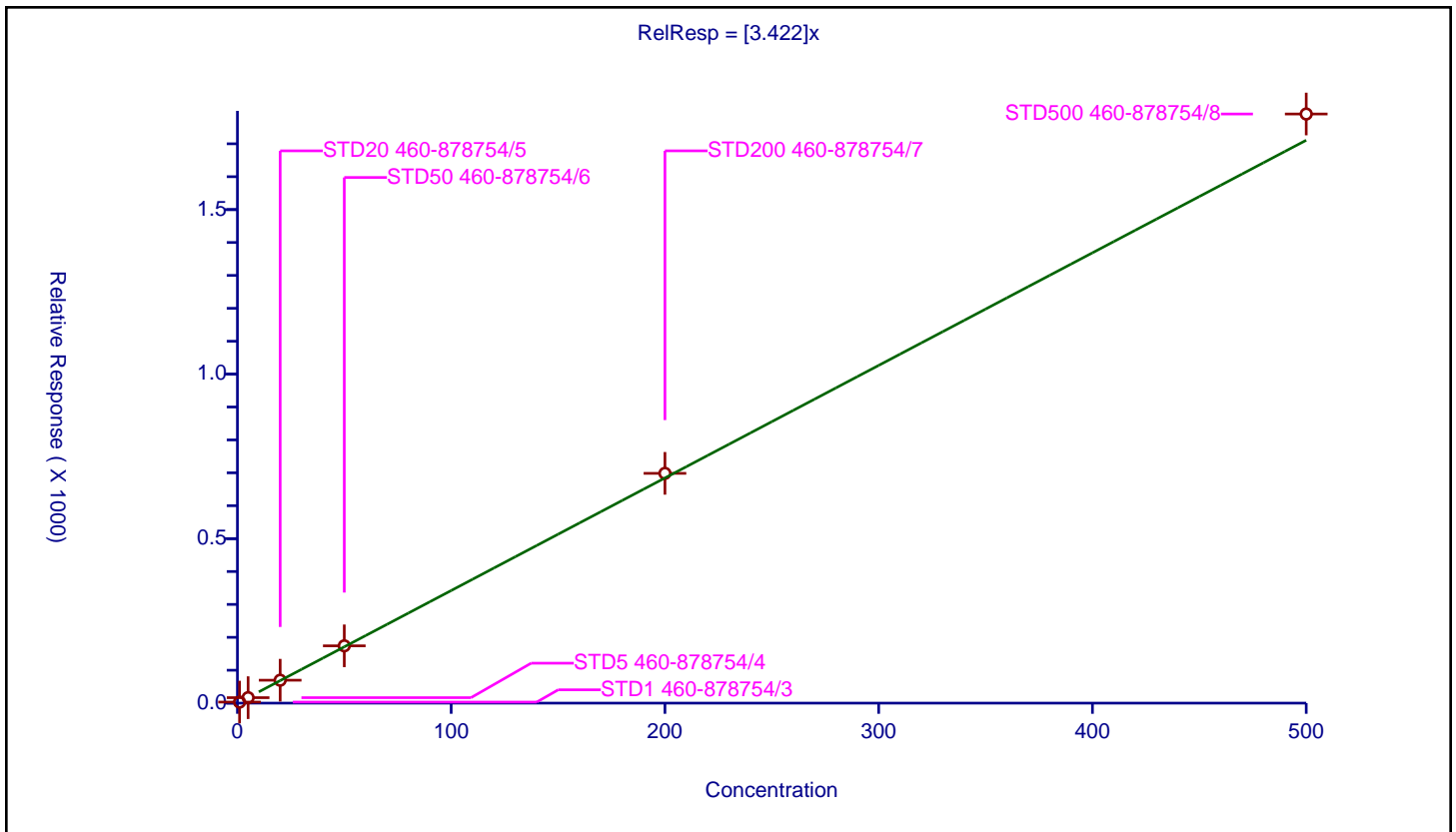
/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.422

Error Coefficients	
Standard Error:	4990000
Relative Standard Error:	4.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	3.168189	50.0	224450.0	3.168189	Y
2	STD5 460-878754/4	5.0	16.61201	50.0	233578.0	3.322402	Y
3	STD20 460-878754/5	20.0	69.6468	50.0	243686.0	3.48234	Y
4	STD50 460-878754/6	50.0	174.189274	50.0	229825.0	3.483785	Y
5	STD200 460-878754/7	200.0	698.391636	50.0	261508.0	3.491958	Y
6	STD500 460-878754/8	500.0	1790.542331	50.0	293677.0	3.581085	Y



Calibration

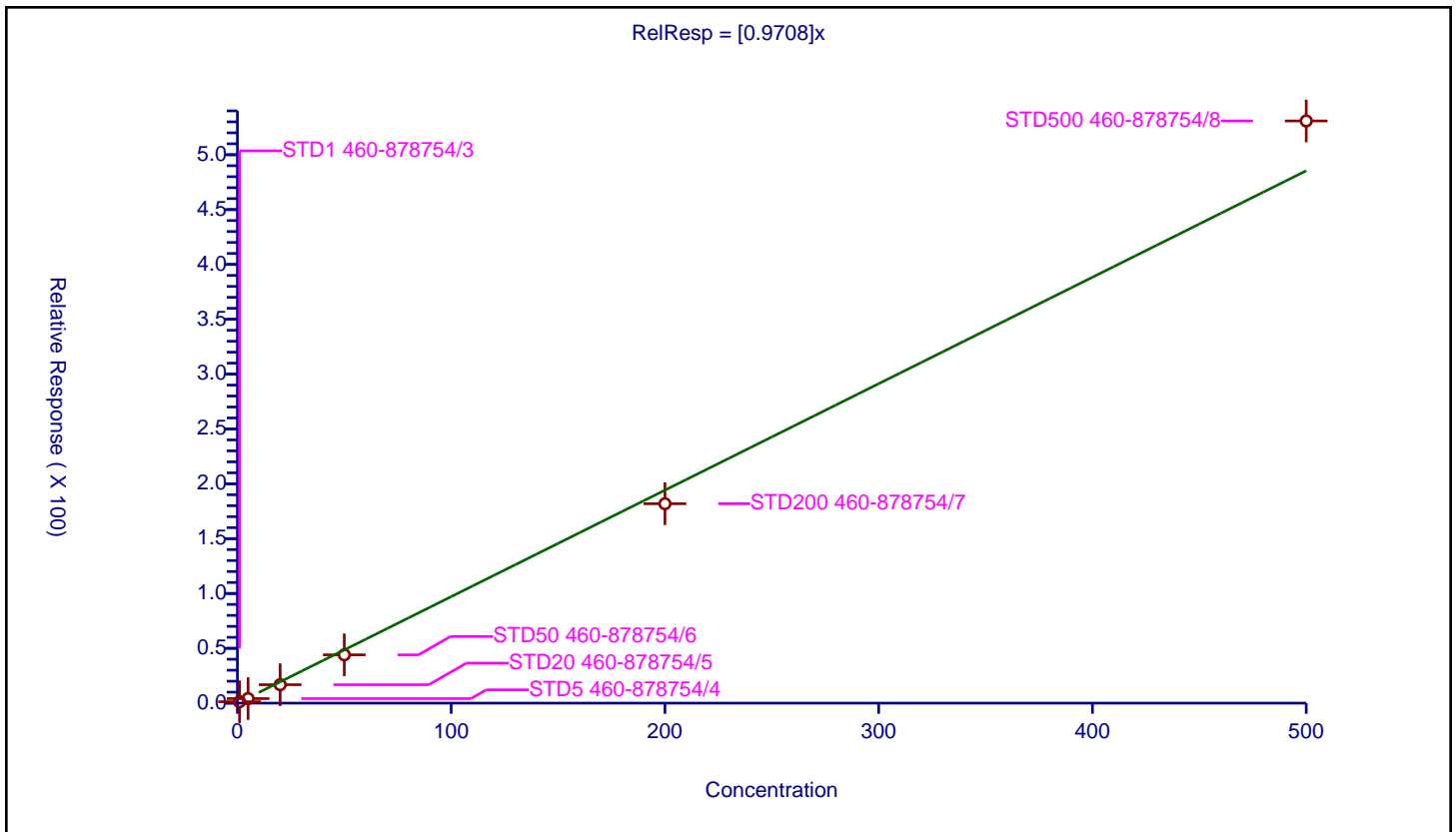
/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9708

Error Coefficients	
Standard Error:	1460000
Relative Standard Error:	19.1
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.308086	50.0	224450.0	1.308086	Y
2	STD5 460-878754/4	5.0	4.128599	50.0	233578.0	0.82572	Y
3	STD20 460-878754/5	20.0	16.789639	50.0	243686.0	0.839482	Y
4	STD50 460-878754/6	50.0	44.047427	50.0	229825.0	0.880949	Y
5	STD200 460-878754/7	200.0	181.79463	50.0	261508.0	0.908973	Y
6	STD500 460-878754/8	500.0	530.824511	50.0	293677.0	1.061649	Y



Calibration

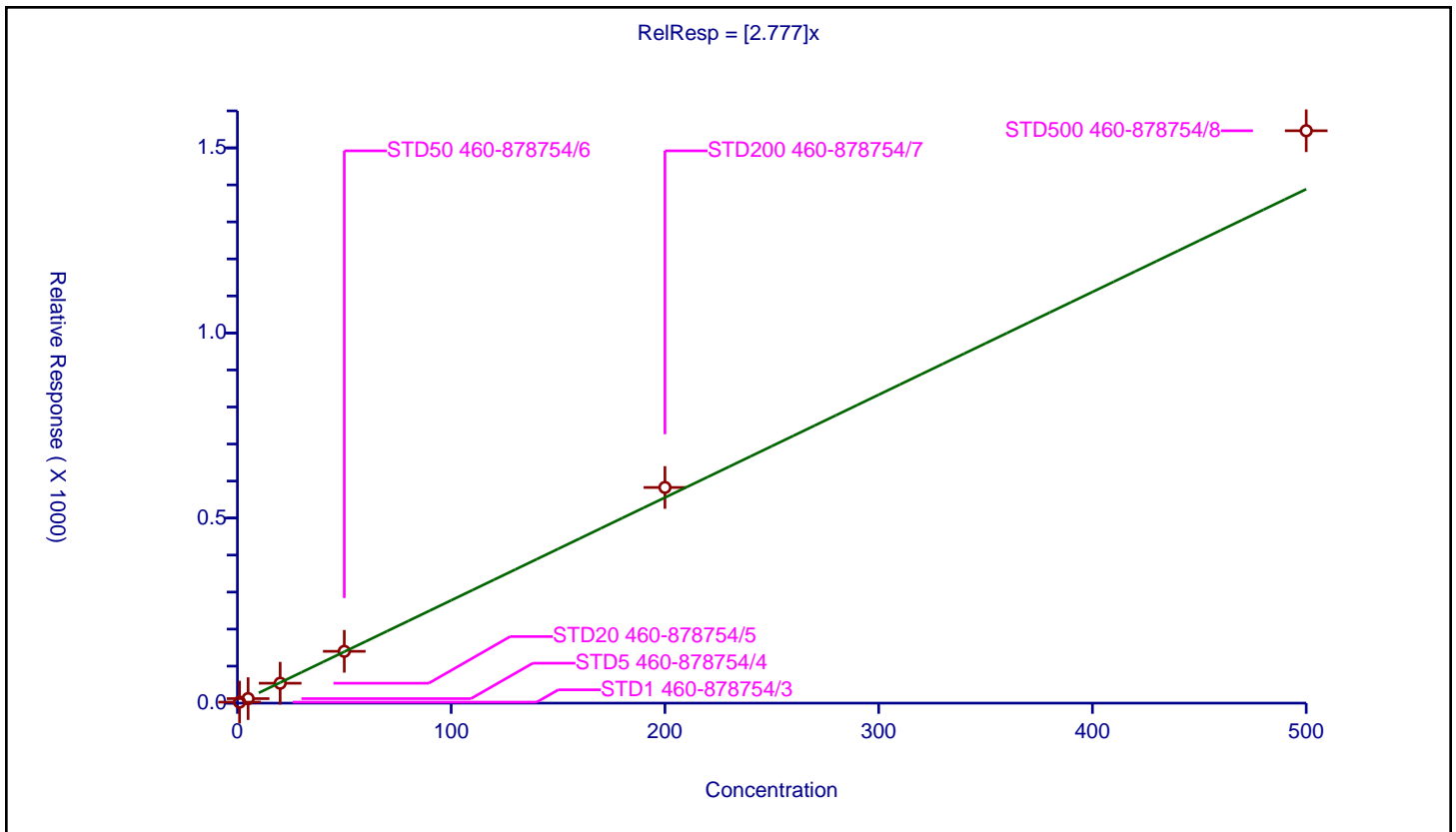
/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.777

Error Coefficients	
Standard Error:	4290000
Relative Standard Error:	7.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.725774	50.0	224450.0	2.725774	Y
2	STD5 460-878754/4	5.0	12.213051	50.0	233578.0	2.44261	Y
3	STD20 460-878754/5	20.0	53.759141	50.0	243686.0	2.687957	Y
4	STD50 460-878754/6	50.0	140.003916	50.0	229825.0	2.800078	Y
5	STD200 460-878754/7	200.0	582.653112	50.0	261508.0	2.913266	Y
6	STD500 460-878754/8	500.0	1546.297293	50.0	293677.0	3.092595	Y



Calibration

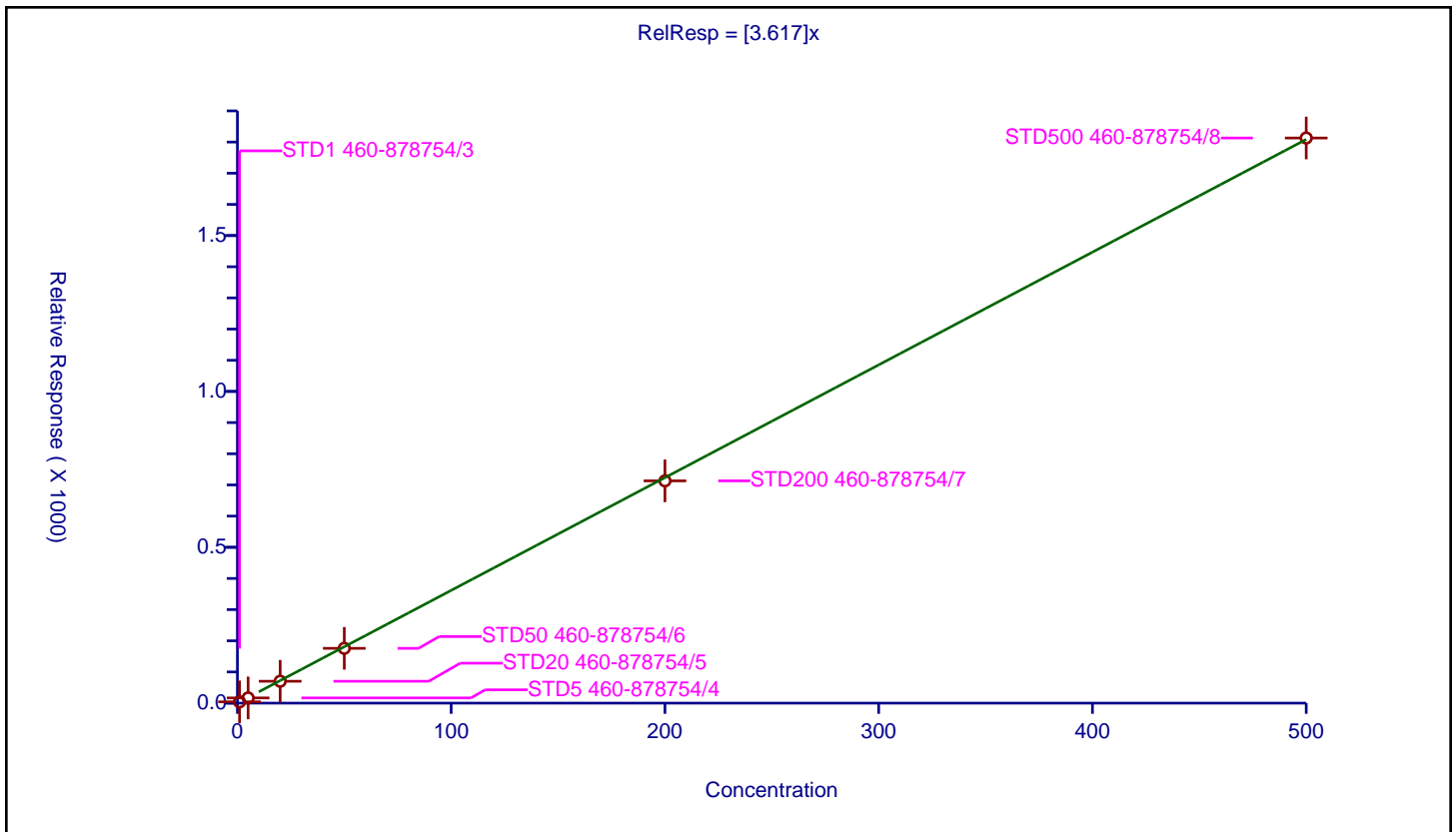
/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.617

Error Coefficients	
Standard Error:	5060000
Relative Standard Error:	7.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.136333	50.0	224450.0	4.136333	Y
2	STD5 460-878754/4	5.0	16.734239	50.0	233578.0	3.346848	Y
3	STD20 460-878754/5	20.0	70.225208	50.0	243686.0	3.51126	Y
4	STD50 460-878754/6	50.0	175.835309	50.0	229825.0	3.516706	Y
5	STD200 460-878754/7	200.0	713.067287	50.0	261508.0	3.565336	Y
6	STD500 460-878754/8	500.0	1813.042901	50.0	293677.0	3.626086	Y



Calibration

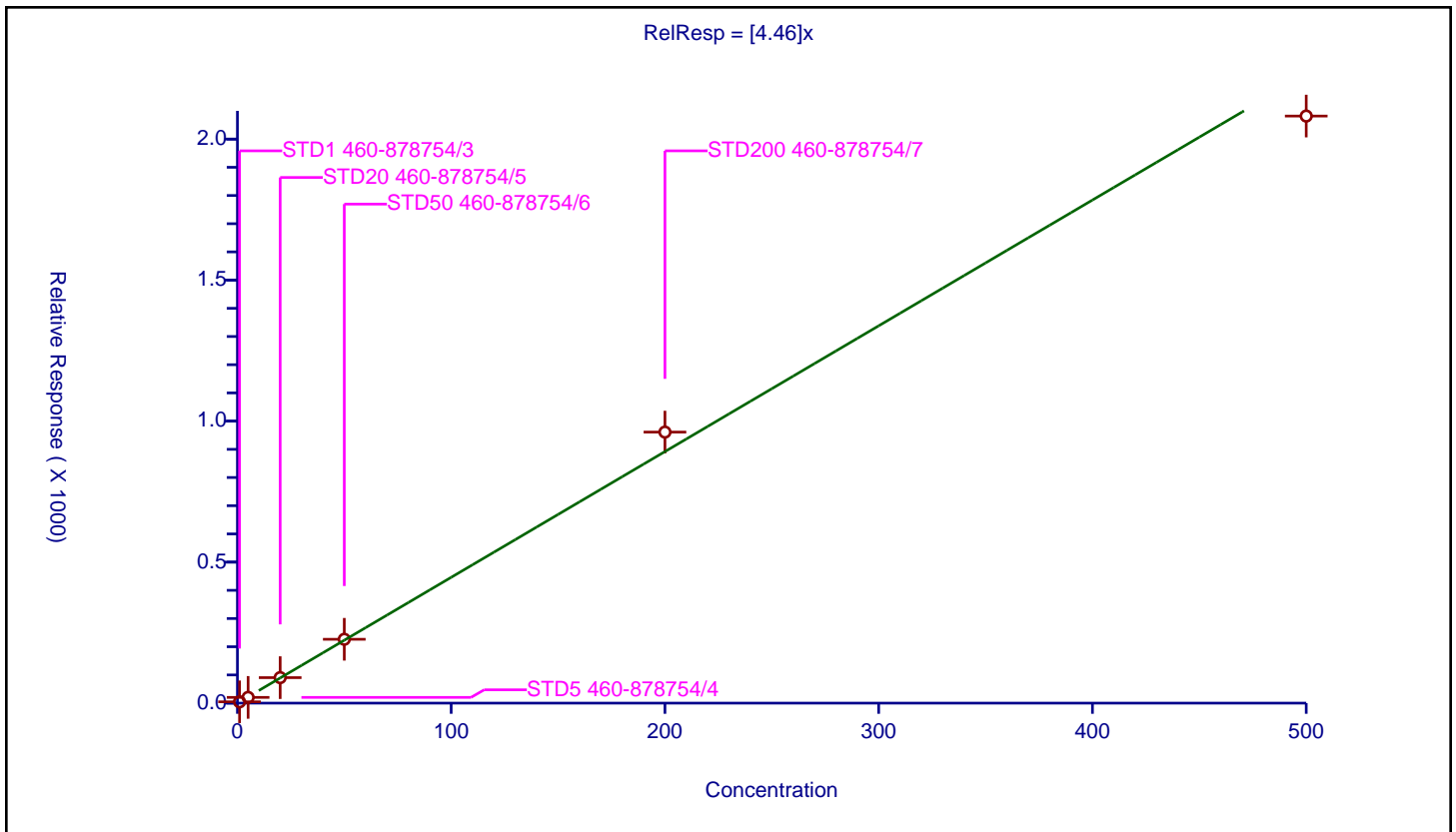
/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	4.46

Error Coefficients	
Standard Error:	5930000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.663622	50.0	224450.0	4.663622	Y
2	STD5 460-878754/4	5.0	20.391475	50.0	233578.0	4.078295	Y
3	STD20 460-878754/5	20.0	90.395632	50.0	243686.0	4.519782	Y
4	STD50 460-878754/6	50.0	226.388121	50.0	229825.0	4.527762	Y
5	STD200 460-878754/7	200.0	961.040389	50.0	261508.0	4.805202	Y
6	STD500 460-878754/8	500.0	2081.65127	50.0	293677.0	4.163303	Y



Calibration

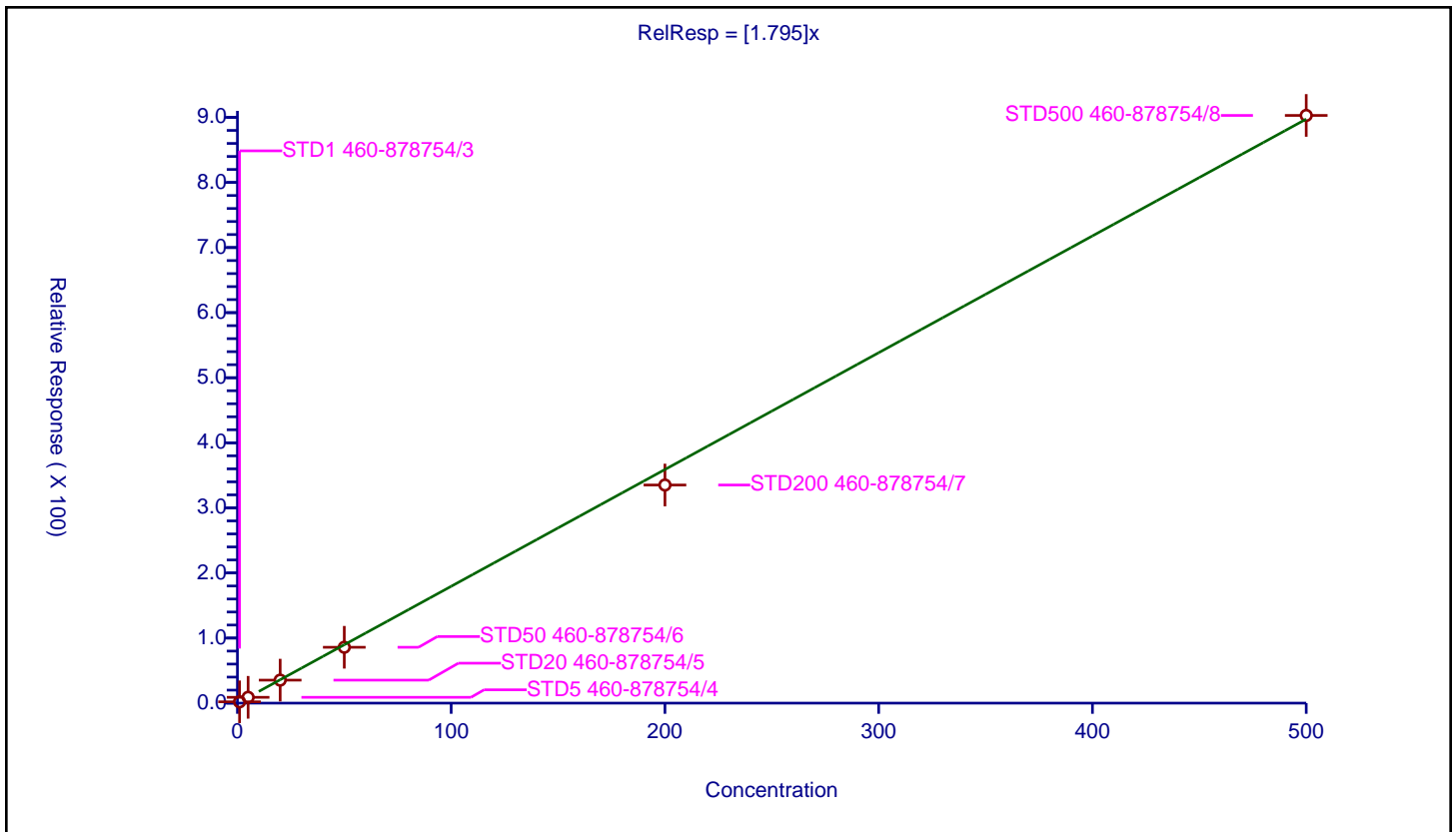
/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.795

Error Coefficients	
Standard Error:	2510000
Relative Standard Error:	6.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.011361	50.0	224450.0	2.011361	Y
2	STD5 460-878754/4	5.0	8.957821	50.0	233578.0	1.791564	Y
3	STD20 460-878754/5	20.0	35.337073	50.0	243686.0	1.766854	Y
4	STD50 460-878754/6	50.0	85.845535	50.0	229825.0	1.716911	Y
5	STD200 460-878754/7	200.0	335.155139	50.0	261508.0	1.675776	Y
6	STD500 460-878754/8	500.0	903.016069	50.0	293677.0	1.806032	Y



Calibration

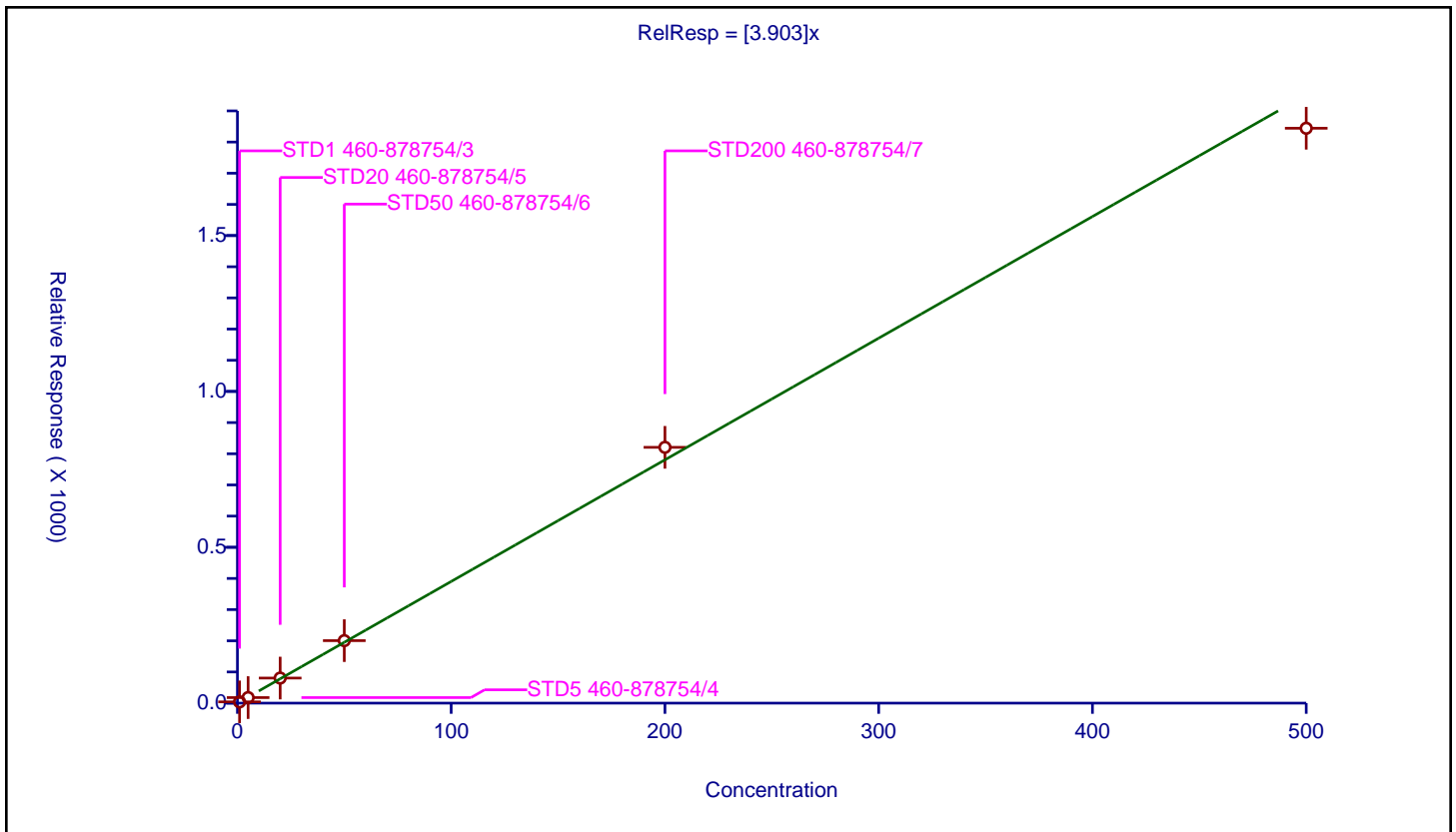
/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.903

Error Coefficients	
Standard Error:	5230000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.031187	50.0	224450.0	4.031187	Y
2	STD5 460-878754/4	5.0	17.804331	50.0	233578.0	3.560866	Y
3	STD20 460-878754/5	20.0	80.450252	50.0	243686.0	4.022513	Y
4	STD50 460-878754/6	50.0	200.472098	50.0	229825.0	4.009442	Y
5	STD200 460-878754/7	200.0	820.632638	50.0	261508.0	4.103163	Y
6	STD500 460-878754/8	500.0	1844.253721	50.0	293677.0	3.688507	Y



Calibration

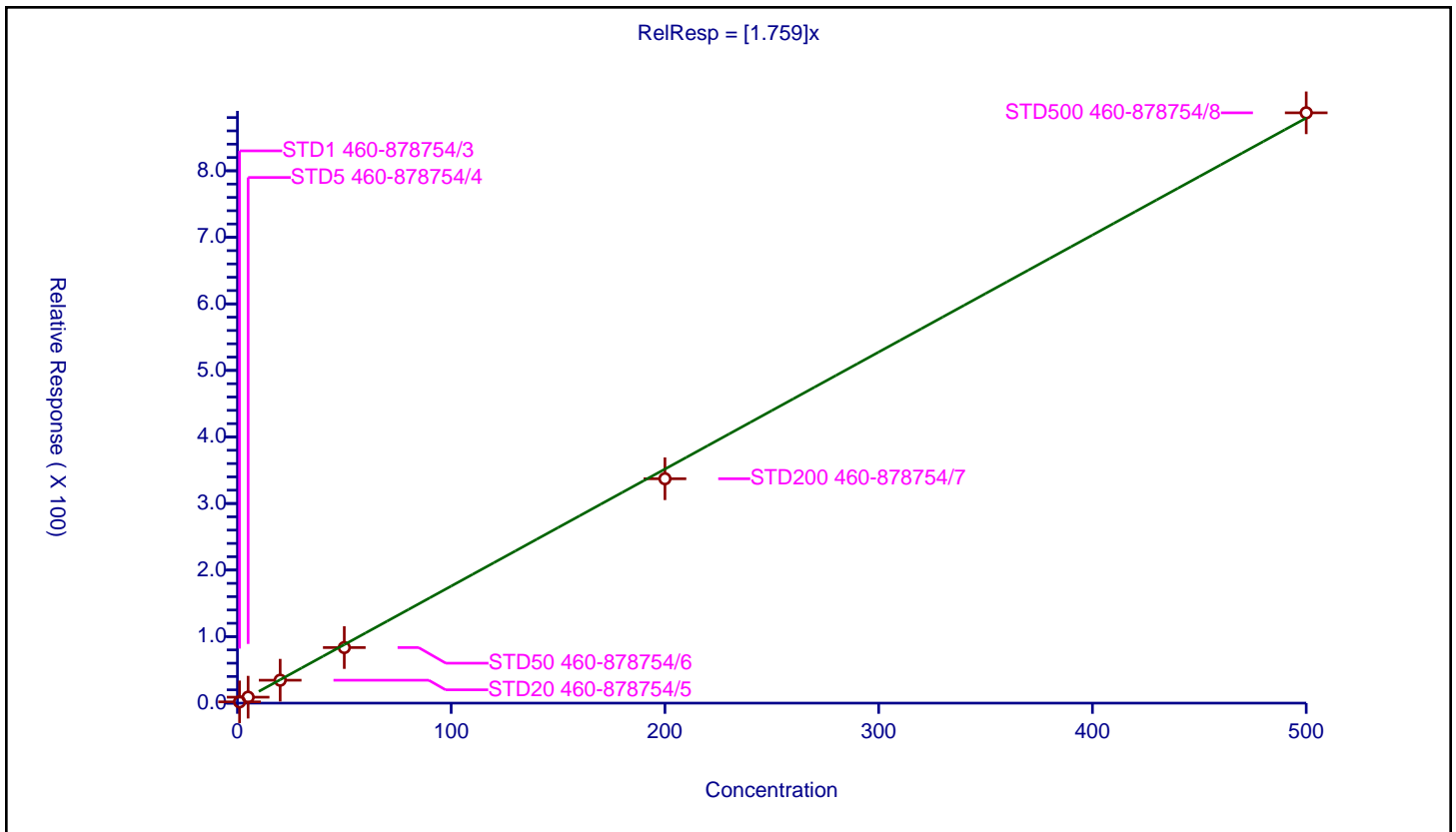
/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.759

Error Coefficients	
Standard Error:	2470000
Relative Standard Error:	5.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.907997	50.0	224450.0	1.907997	Y
2	STD5 460-878754/4	5.0	8.952256	50.0	233578.0	1.790451	Y
3	STD20 460-878754/5	20.0	34.457252	50.0	243686.0	1.722863	Y
4	STD50 460-878754/6	50.0	83.498531	50.0	229825.0	1.669971	Y
5	STD200 460-878754/7	200.0	337.167123	50.0	261508.0	1.685836	Y
6	STD500 460-878754/8	500.0	887.120033	50.0	293677.0	1.77424	Y



Calibration

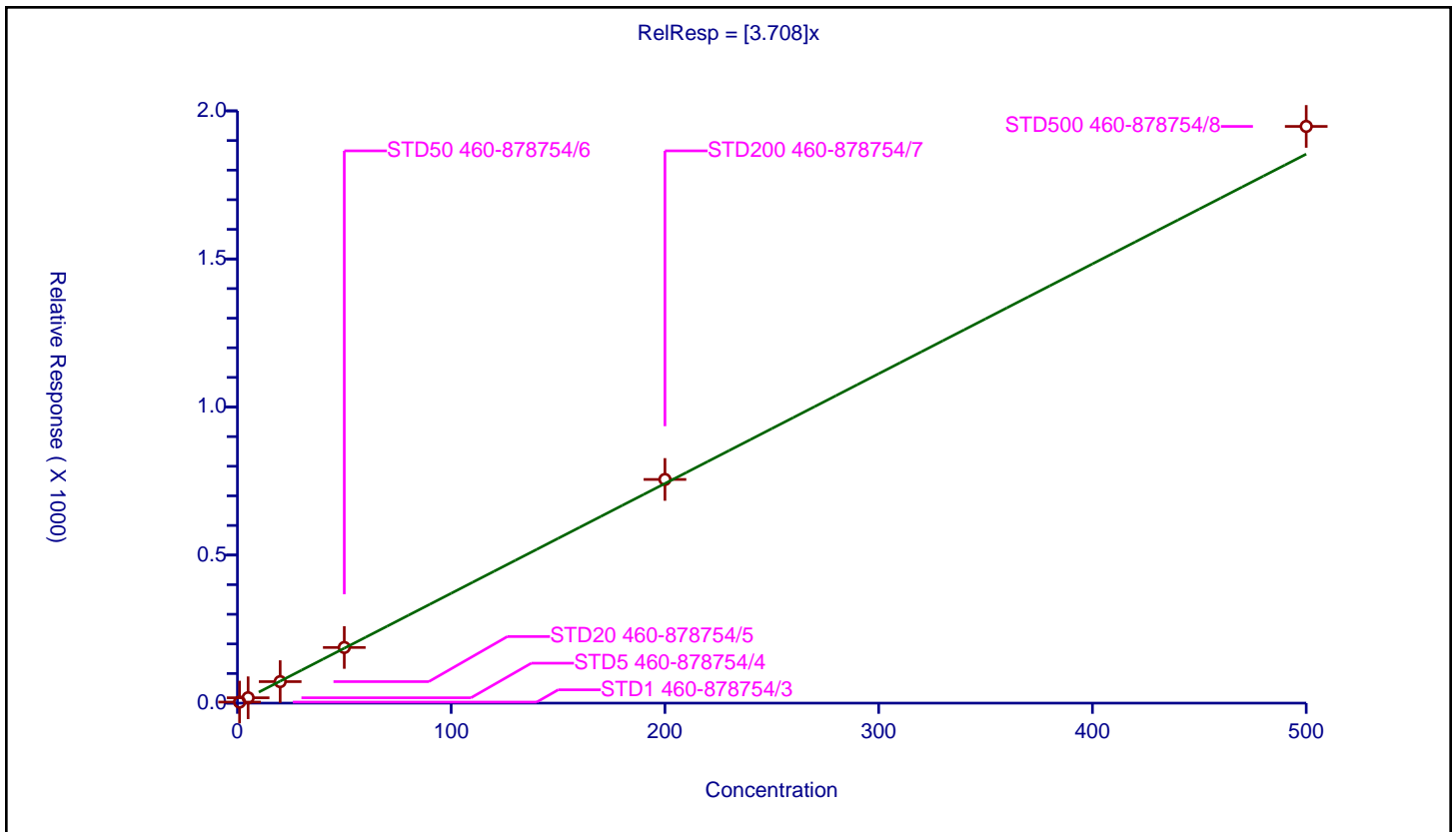
/ 1,2,3-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.708

Error Coefficients	
Standard Error:	5430000
Relative Standard Error:	3.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	3.566941	50.0	224450.0	3.566941	Y
2	STD5 460-878754/4	5.0	18.089889	50.0	233578.0	3.617978	Y
3	STD20 460-878754/5	20.0	72.654564	50.0	243686.0	3.632728	Y
4	STD50 460-878754/6	50.0	187.964756	50.0	229825.0	3.759295	Y
5	STD200 460-878754/7	200.0	755.368287	50.0	261508.0	3.776841	Y
6	STD500 460-878754/8	500.0	1947.544071	50.0	293677.0	3.895088	Y



Calibration

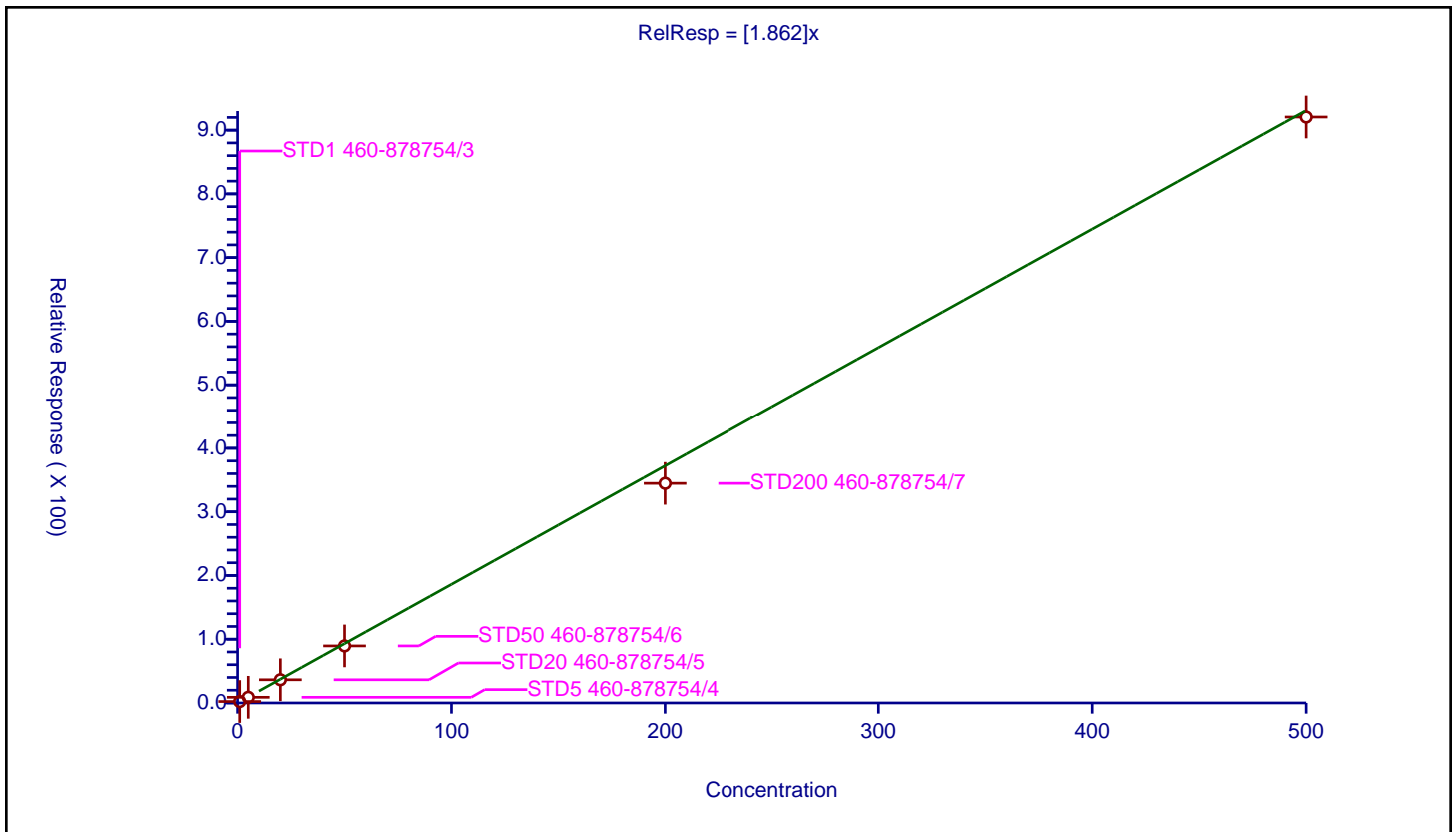
/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.862

Error Coefficients	
Standard Error:	2560000
Relative Standard Error:	9.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.219202	50.0	224450.0	2.219202	Y
2	STD5 460-878754/4	5.0	8.892319	50.0	233578.0	1.778464	Y
3	STD20 460-878754/5	20.0	36.384117	50.0	243686.0	1.819206	Y
4	STD50 460-878754/6	50.0	89.473512	50.0	229825.0	1.78947	Y
5	STD200 460-878754/7	200.0	344.807425	50.0	261508.0	1.724037	Y
6	STD500 460-878754/8	500.0	920.629978	50.0	293677.0	1.84126	Y



Calibration

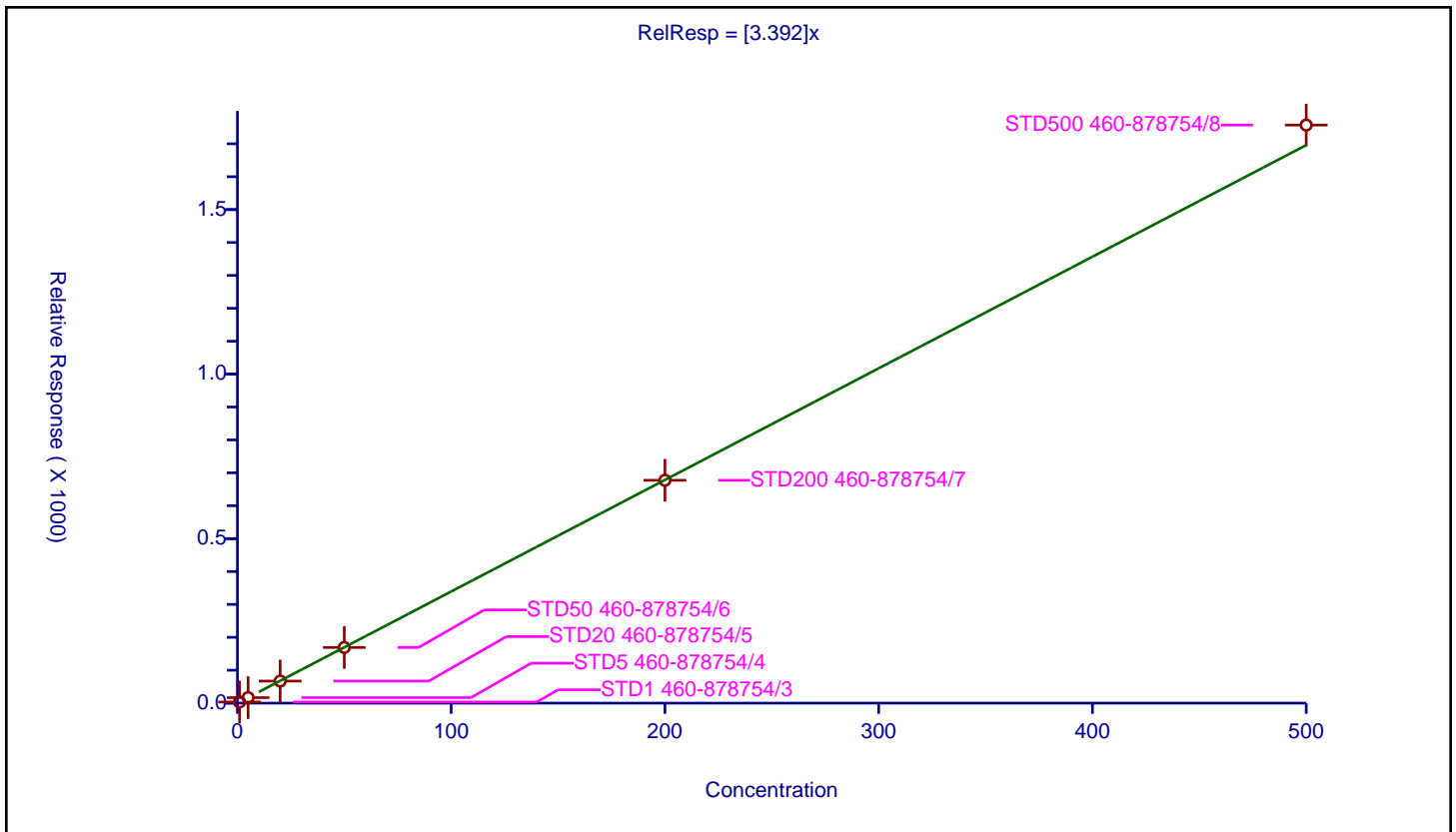
/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.392

Error Coefficients	
Standard Error:	4890000
Relative Standard Error:	1.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	3.37202	50.0	224450.0	3.37202	Y
2	STD5 460-878754/4	5.0	16.723536	50.0	233578.0	3.344707	Y
3	STD20 460-878754/5	20.0	67.02683	50.0	243686.0	3.351341	Y
4	STD50 460-878754/6	50.0	169.123464	50.0	229825.0	3.382469	Y
5	STD200 460-878754/7	200.0	677.31121	50.0	261508.0	3.386556	Y
6	STD500 460-878754/8	500.0	1756.83506	50.0	293677.0	3.51367	Y



Calibration

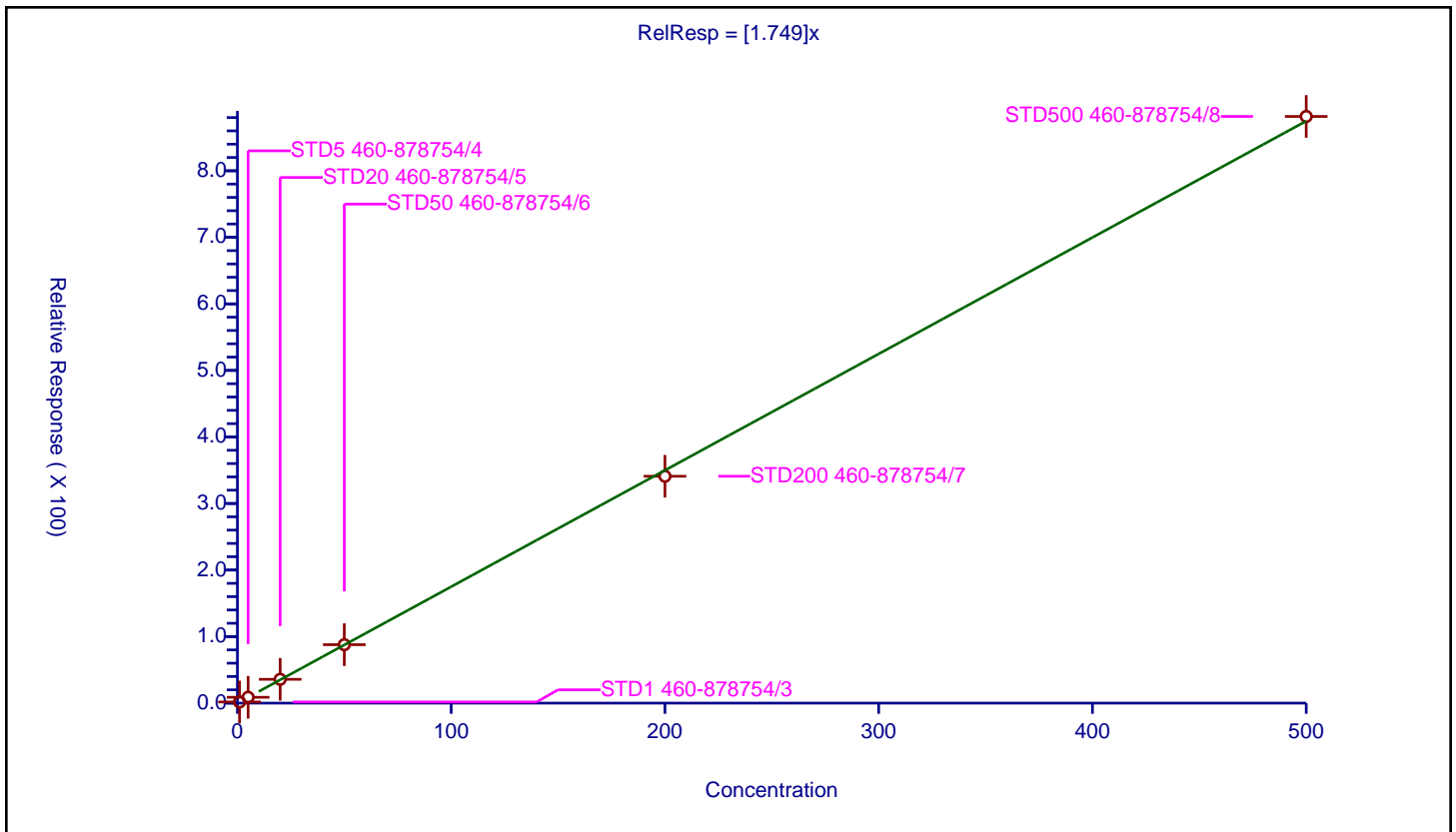
/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.749

Error Coefficients	
Standard Error:	2460000
Relative Standard Error:	1.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.727333	50.0	224450.0	1.727333	Y
2	STD5 460-878754/4	5.0	8.773087	50.0	233578.0	1.754617	Y
3	STD20 460-878754/5	20.0	35.795245	50.0	243686.0	1.789762	Y
4	STD50 460-878754/6	50.0	87.839443	50.0	229825.0	1.756789	Y
5	STD200 460-878754/7	200.0	340.958403	50.0	261508.0	1.704792	Y
6	STD500 460-878754/8	500.0	881.616878	50.0	293677.0	1.763234	Y



Calibration

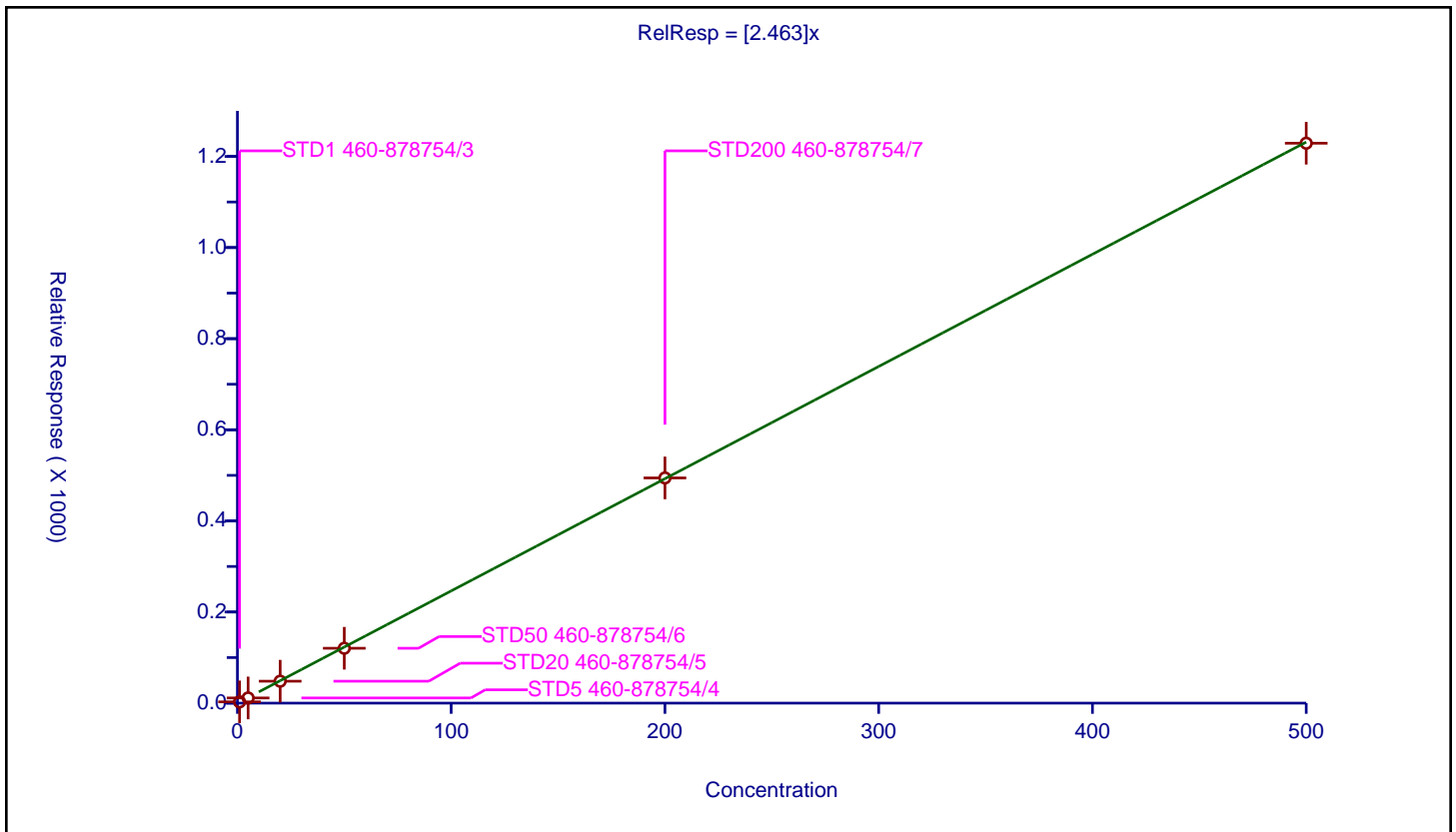
/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.463

Error Coefficients	
Standard Error:	3440000
Relative Standard Error:	6.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.757407	50.0	224450.0	2.757407	Y
2	STD5 460-878754/4	5.0	11.376071	50.0	233578.0	2.275214	Y
3	STD20 460-878754/5	20.0	48.149052	50.0	243686.0	2.407453	Y
4	STD50 460-878754/6	50.0	120.435331	50.0	229825.0	2.408707	Y
5	STD200 460-878754/7	200.0	494.350651	50.0	261508.0	2.471753	Y
6	STD500 460-878754/8	500.0	1229.045857	50.0	293677.0	2.458092	Y



Calibration

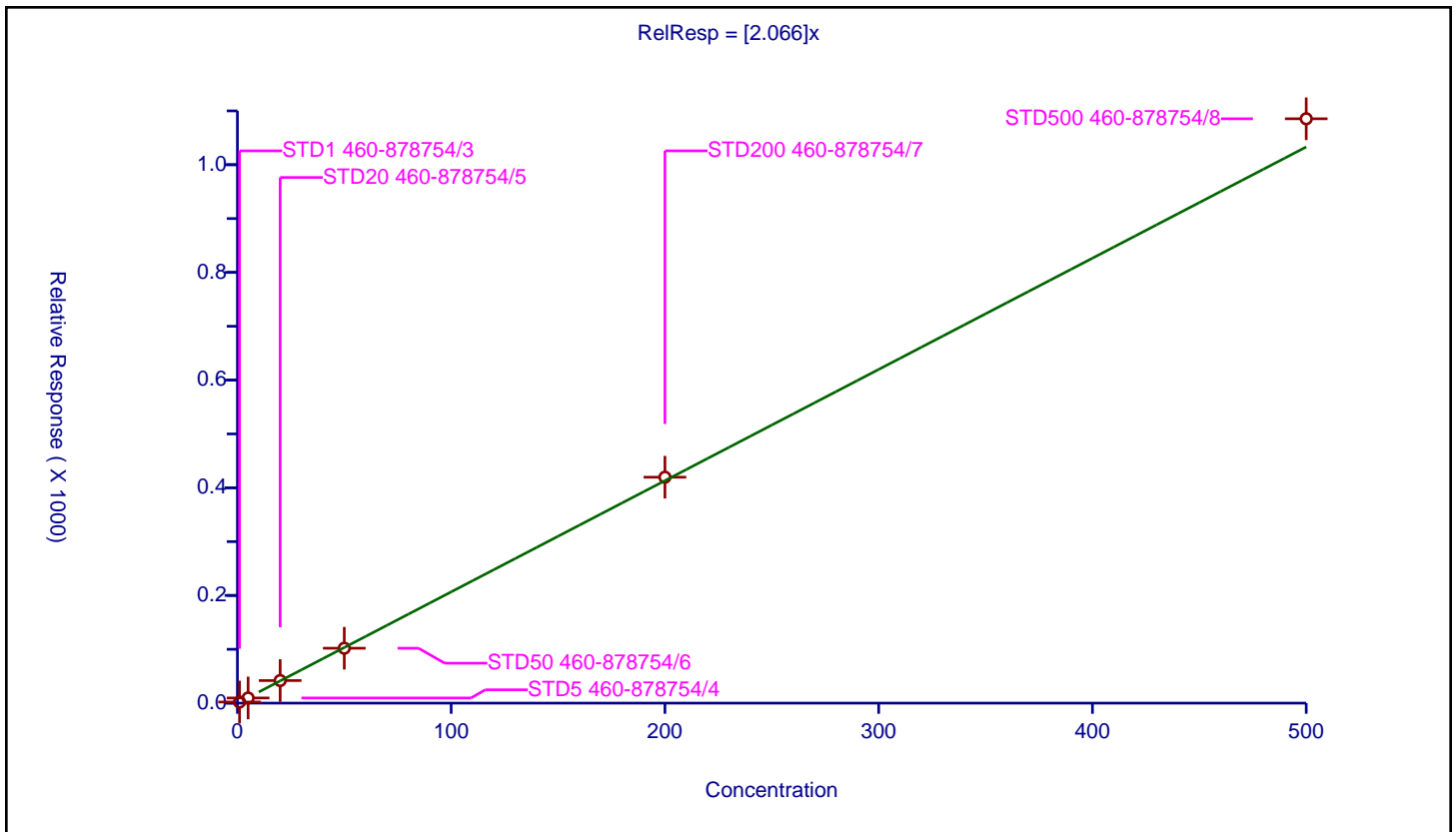
/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	2.066

Error Coefficients	
Standard Error:	3020000
Relative Standard Error:	4.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	2.075518	50.0	224450.0	2.075518	Y
2	STD5 460-878754/4	5.0	9.574746	50.0	233578.0	1.914949	Y
3	STD20 460-878754/5	20.0	41.935934	50.0	243686.0	2.096797	Y
4	STD50 460-878754/6	50.0	102.00087	50.0	229825.0	2.040017	Y
5	STD200 460-878754/7	200.0	419.601504	50.0	261508.0	2.098008	Y
6	STD500 460-878754/8	500.0	1085.345635	50.0	293677.0	2.170691	Y



Calibration

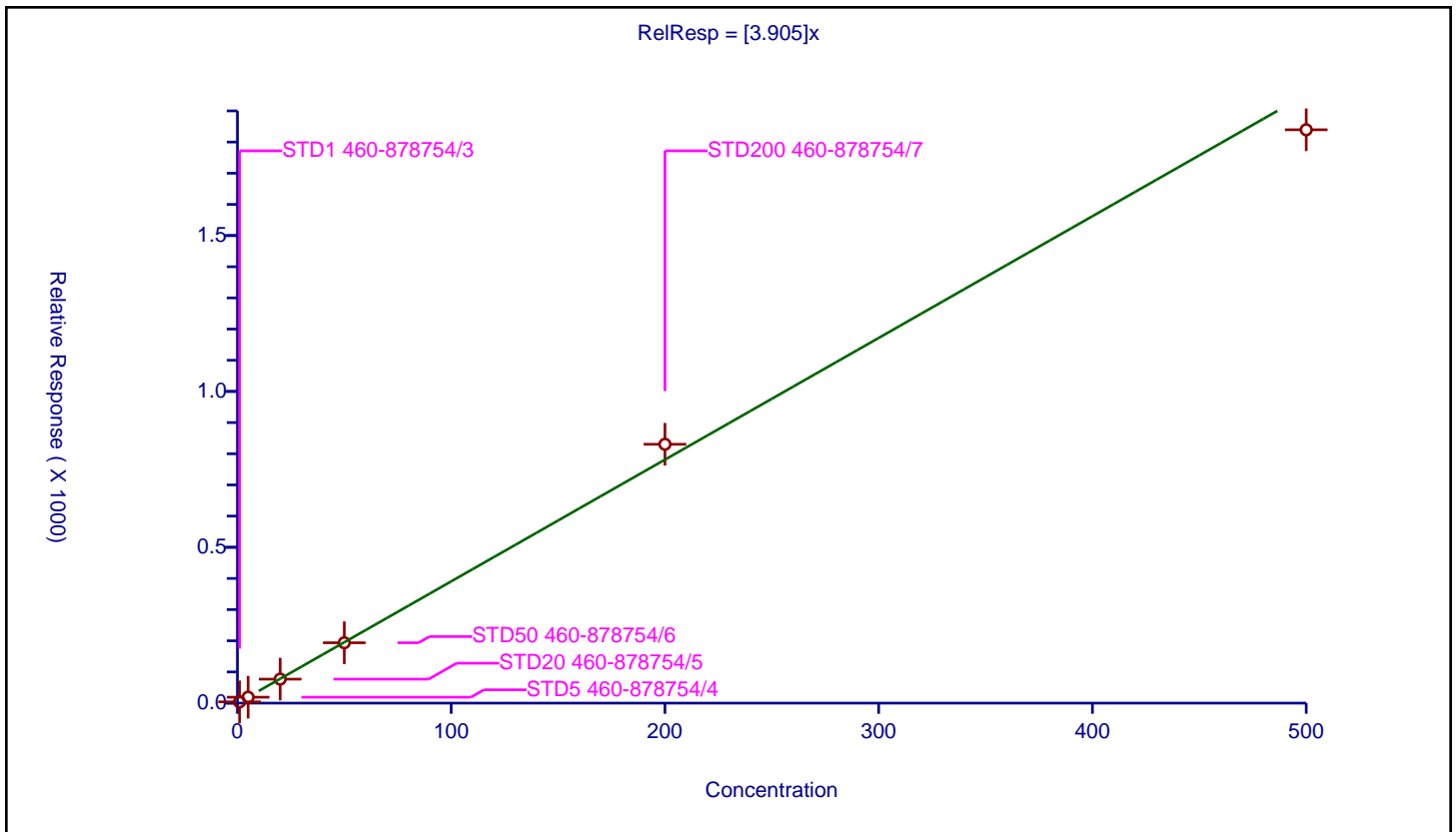
/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	3.905

Error Coefficients	
Standard Error:	5220000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	4.068612	50.0	224450.0	4.068612	Y
2	STD5 460-878754/4	5.0	19.05188	50.0	233578.0	3.810376	Y
3	STD20 460-878754/5	20.0	76.976724	50.0	243686.0	3.848836	Y
4	STD50 460-878754/6	50.0	193.668443	50.0	229825.0	3.873369	Y
5	STD200 460-878754/7	200.0	830.460062	50.0	261508.0	4.1523	Y
6	STD500 460-878754/8	500.0	1839.424946	50.0	293677.0	3.67885	Y



Calibration

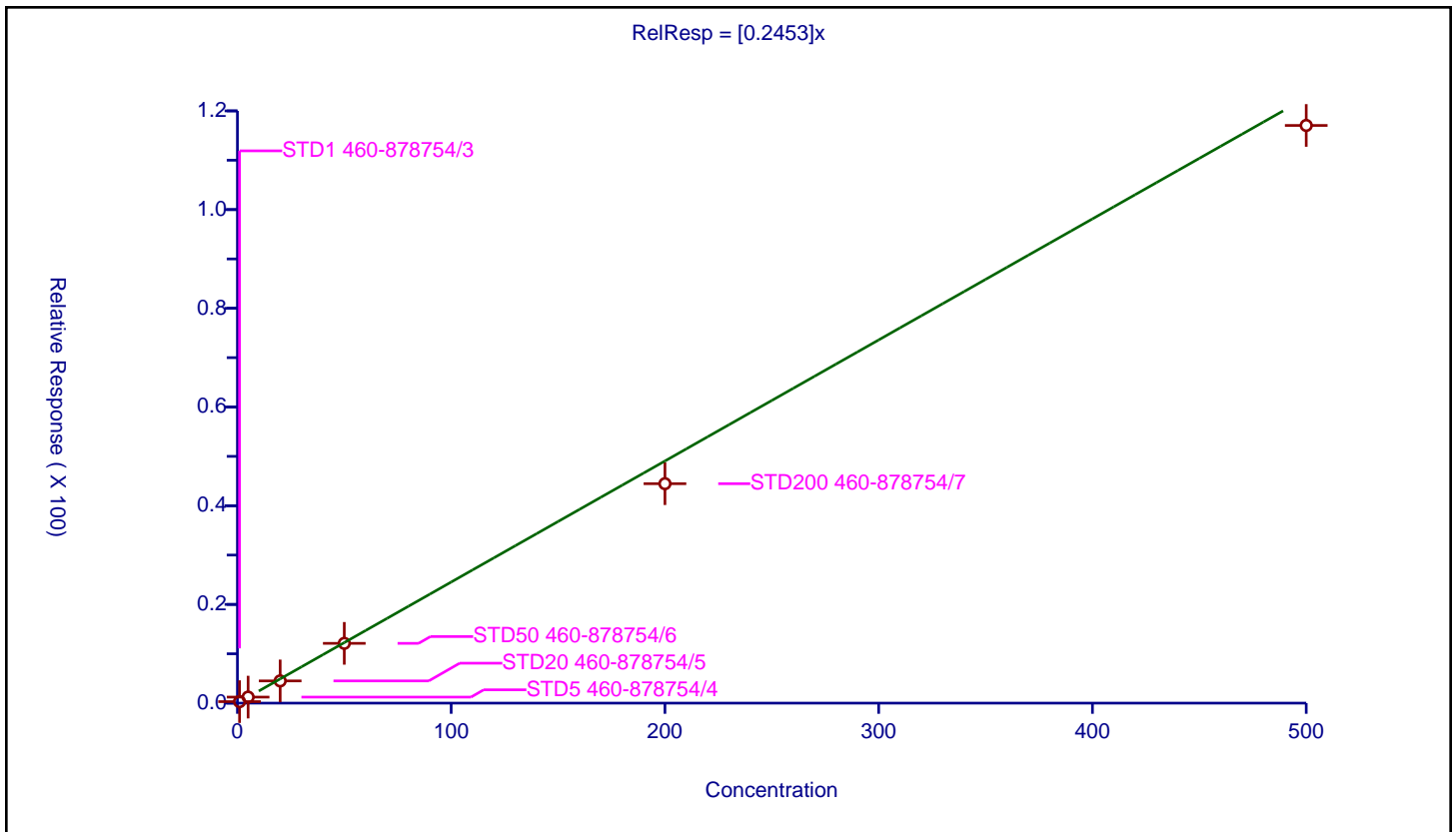
/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2453

Error Coefficients	
Standard Error:	326000
Relative Standard Error:	12.1
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.302963	50.0	224450.0	0.302963	Y
2	STD5 460-878754/4	5.0	1.224859	50.0	233578.0	0.244972	Y
3	STD20 460-878754/5	20.0	4.505183	50.0	243686.0	0.225259	Y
4	STD50 460-878754/6	50.0	12.109866	50.0	229825.0	0.242197	Y
5	STD200 460-878754/7	200.0	44.46212	50.0	261508.0	0.222311	Y
6	STD500 460-878754/8	500.0	117.046619	50.0	293677.0	0.234093	Y



Calibration

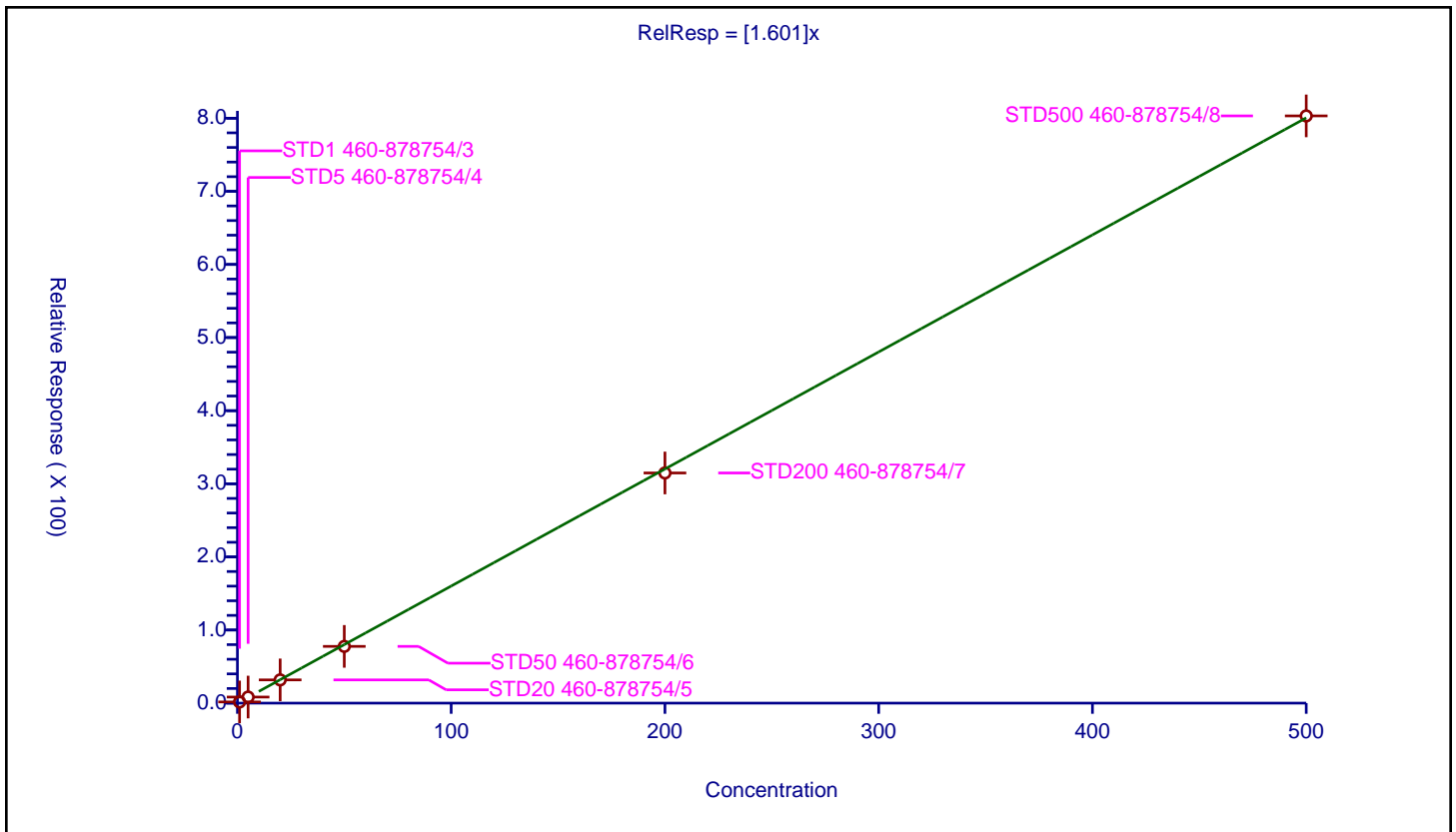
/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.601

Error Coefficients	
Standard Error:	2240000
Relative Standard Error:	2.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.619292	50.0	224450.0	1.619292	Y
2	STD5 460-878754/4	5.0	8.323986	50.0	233578.0	1.664797	Y
3	STD20 460-878754/5	20.0	31.791527	50.0	243686.0	1.589576	Y
4	STD50 460-878754/6	50.0	77.599043	50.0	229825.0	1.551981	Y
5	STD200 460-878754/7	200.0	314.78406	50.0	261508.0	1.57392	Y
6	STD500 460-878754/8	500.0	803.133374	50.0	293677.0	1.606267	Y



Calibration

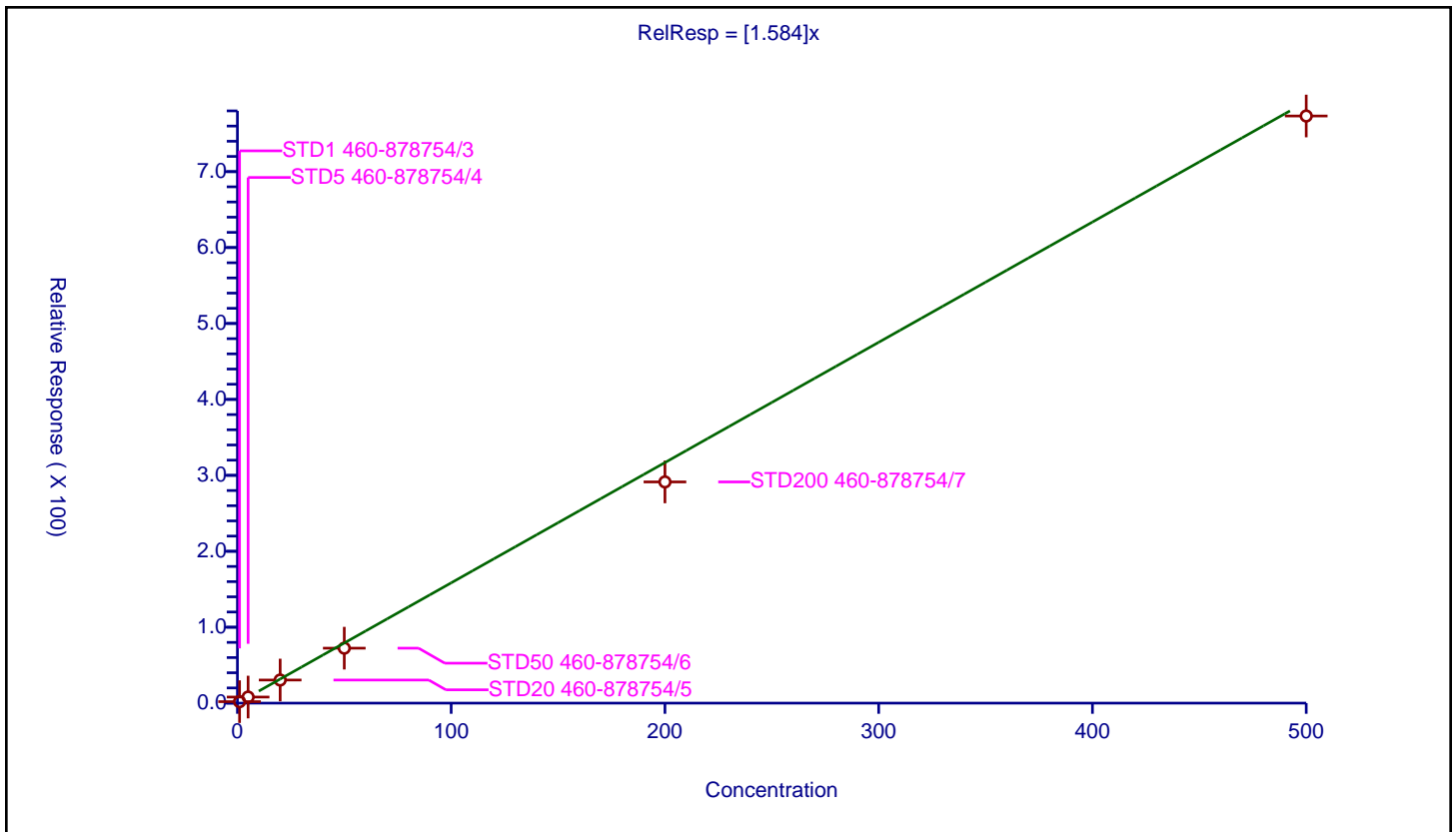
/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.584

Error Coefficients	
Standard Error:	2150000
Relative Standard Error:	11.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.930274	50.0	224450.0	1.930274	Y
2	STD5 460-878754/4	5.0	8.005891	50.0	233578.0	1.601178	Y
3	STD20 460-878754/5	20.0	30.439992	50.0	243686.0	1.522	Y
4	STD50 460-878754/6	50.0	72.392473	50.0	229825.0	1.447849	Y
5	STD200 460-878754/7	200.0	291.322636	50.0	261508.0	1.456613	Y
6	STD500 460-878754/8	500.0	773.280679	50.0	293677.0	1.546561	Y



Calibration

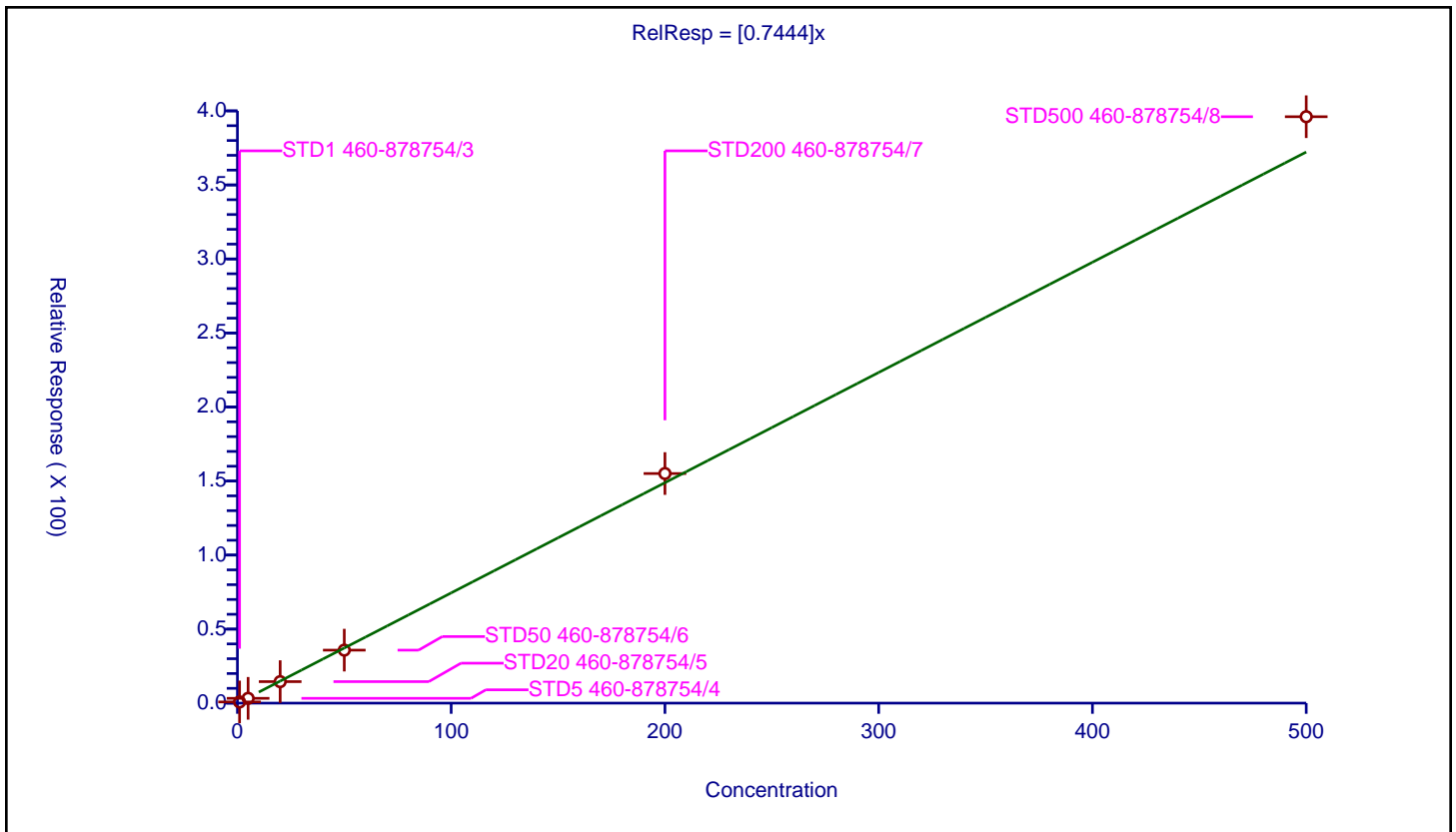
/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7444

Error Coefficients	
Standard Error:	1100000
Relative Standard Error:	7.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	0.806193	50.0	224450.0	0.806193	Y
2	STD5 460-878754/4	5.0	3.255444	50.0	233578.0	0.651089	Y
3	STD20 460-878754/5	20.0	14.516632	50.0	243686.0	0.725832	Y
4	STD50 460-878754/6	50.0	35.791363	50.0	229825.0	0.715827	Y
5	STD200 460-878754/7	200.0	155.074032	50.0	261508.0	0.77537	Y
6	STD500 460-878754/8	500.0	396.068981	50.0	293677.0	0.792138	Y



Calibration

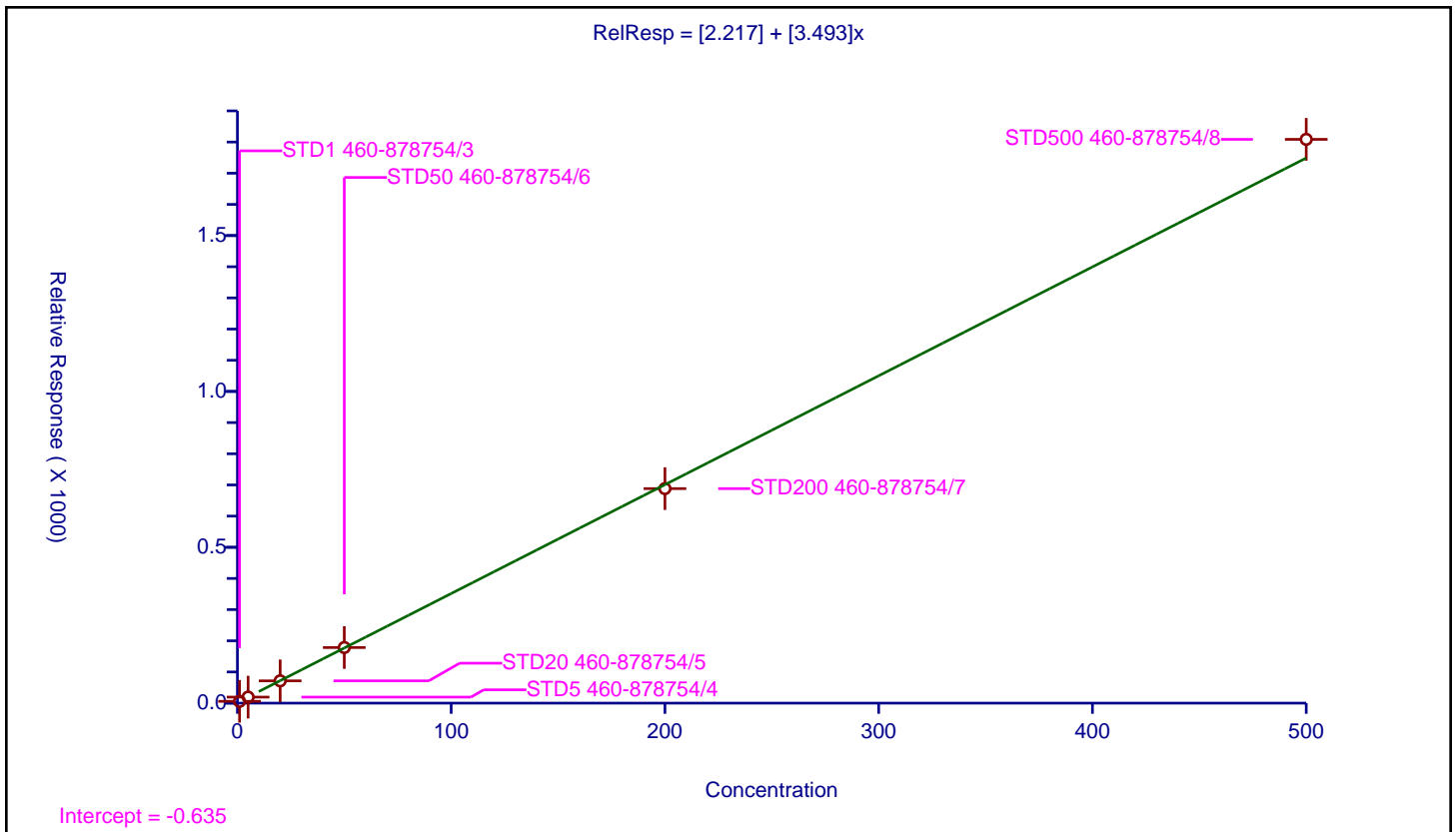
/ Naphthalene

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	2.217
Slope:	3.493

Error Coefficients	
Standard Error:	5630000
Relative Standard Error:	2.3
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	5.725997	50.0	224450.0	5.725997	Y
2	STD5 460-878754/4	5.0	19.318386	50.0	233578.0	3.863677	Y
3	STD20 460-878754/5	20.0	71.485436	50.0	243686.0	3.574272	Y
4	STD50 460-878754/6	50.0	178.397476	50.0	229825.0	3.56795	Y
5	STD200 460-878754/7	200.0	688.246822	50.0	261508.0	3.441234	Y
6	STD500 460-878754/8	500.0	1808.687606	50.0	293677.0	3.617375	Y



Calibration

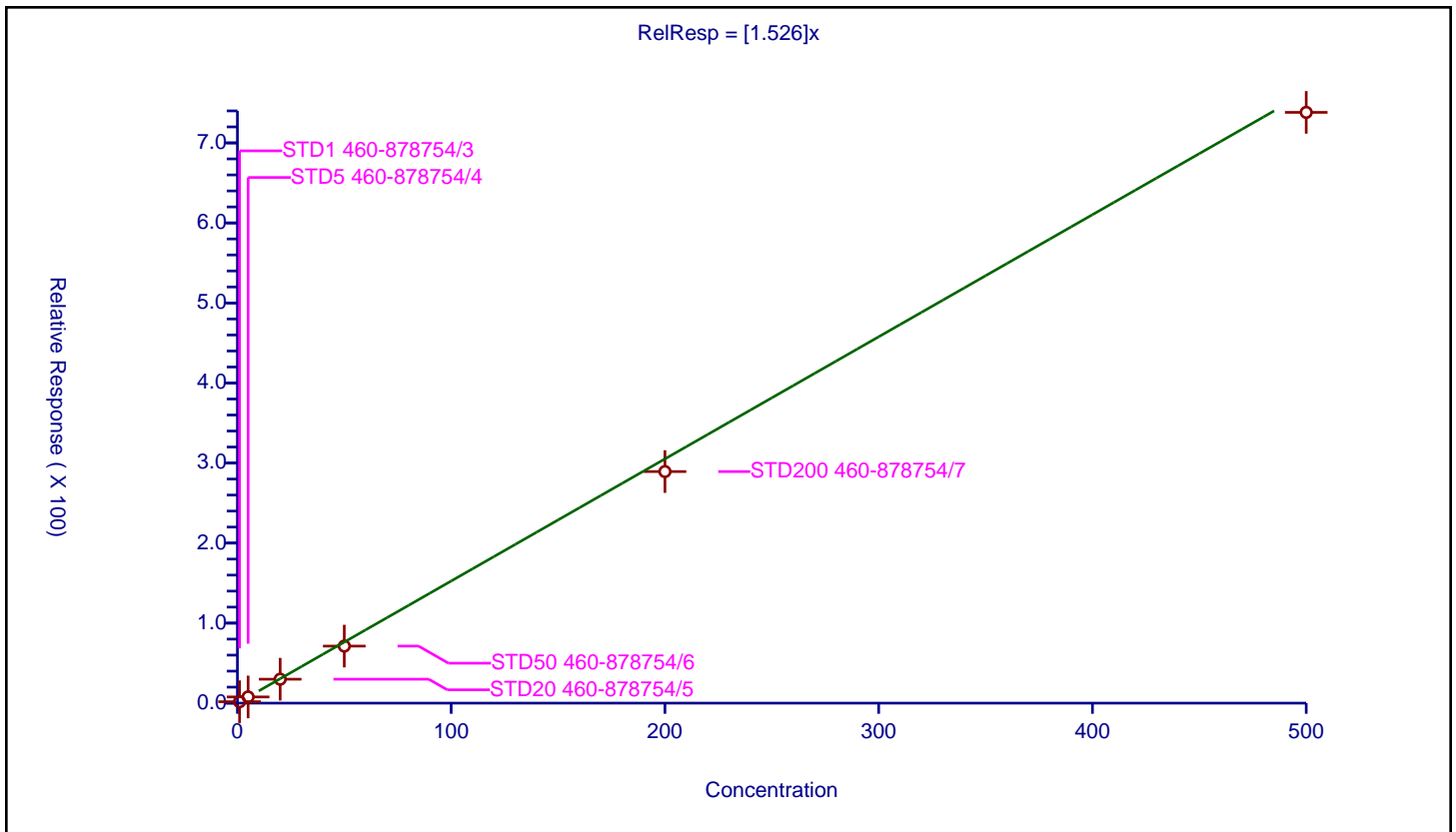
/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.526

Error Coefficients	
Standard Error:	2060000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-878754/3	1.0	1.764313	50.0	224450.0	1.764313	Y
2	STD5 460-878754/4	5.0	7.7381	50.0	233578.0	1.54762	Y
3	STD20 460-878754/5	20.0	29.897286	50.0	243686.0	1.494864	Y
4	STD50 460-878754/6	50.0	71.255956	50.0	229825.0	1.425119	Y
5	STD200 460-878754/7	200.0	289.347745	50.0	261508.0	1.446739	Y
6	STD500 460-878754/8	500.0	738.134413	50.0	293677.0	1.476269	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-878754/14 Calibration Date: 11/18/2022 19:45
 Instrument ID: CVOAMS9 Calib Start Date: 11/15/2022 06:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/15/2022 12:42
 Lab File ID: K40814.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave	0.0057			1.00	20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 18-Nov-2022 19:45:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0153407-014
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:56:22 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: C1JX

Date: 18-Nov-2022 20:08:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.050	1.073	-0.023	60	14955	NC	NC	
3 1,1-Difluoroethane	65	1.130	1.142	-0.012	93	56274	NC	NC	
2 Chlorotrifluoroethene	116	1.130	1.153	-0.023	60	57562	20.0	25.0	
4 Dichlorodifluoromethane	85	1.165	1.176	-0.011	84	157675	20.0	21.4	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	95	19994	20.0	20.5	a
6 Chloromethane	50	1.290	1.302	-0.012	98	137226	20.0	18.5	
7 Butadiene	54	1.347	1.359	-0.012	96	78456	20.0	16.5	
8 Vinyl chloride	62	1.359	1.382	-0.023	97	107917	20.0	20.9	
9 Bromomethane	94	1.565	1.576	-0.011	98	82952	20.0	20.9	
10 Chloroethane	64	1.599	1.610	-0.011	100	50332	20.0	16.9	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	99	141576	20.0	19.5	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	55	133499	20.0	21.3	
13 Pentane	72	1.805	1.816	-0.011	97	26408	40.0	38.5	
14 Ethanol	46	2.056	1.953	0.103	66	19376	800.0	851.2	a
15 Ethyl ether	59	1.942	1.953	-0.011	93	44788	20.0	18.7	
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	96	59546	20.0	19.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.976	1.976	0.000	91	72596	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.999	2.010	-0.011	96	108338	20.0	20.4	
19 Acrolein	56	2.033	2.045	-0.012	97	168303	300.4	327.9	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	98	59717	20.0	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.136	2.147	-0.011	97	82365	20.0	20.2	
22 Acetone	43	2.148	2.159	-0.011	66	100272	100.0	89.3	
23 Iodomethane	142	2.216	2.227	-0.011	98	123083	20.0	18.8	
24 Isopropyl alcohol	45	2.239	2.250	-0.011	24	36349	200.0	167.1	M
25 Carbon disulfide	76	2.262	2.273	-0.011	99	231223	20.0	19.3	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	90	90053	20.0	19.5	
27 Methyl acetate	43	2.376	2.388	-0.012	79	81651	40.0	39.9	
28 Cyclopentene	67	2.422	2.433	-0.011	90	160972	20.0	21.8	
29 Acetonitrile	39	2.433	2.433	0.000	23	52194	200.0	205.5	a
31 Methylene Chloride	84	2.456	2.456	0.000	91	67741	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	46	2.525	2.536	-0.011	96	116716	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.582	2.593	-0.011	91	115572	200.0	207.2	a
35 Acrylonitrile	53	2.639	2.650	-0.011	92	217146	200.0	199.7	
33 Methyl tert-butyl ether	73	2.662	2.673	-0.011	97	203473	20.0	19.9	
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	95	65556	20.0	18.7	
36 Hexane	43	2.879	2.890	-0.011	92	57790	20.0	19.7	
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	100	110111	20.0	18.8	
39 Vinyl acetate	86	3.039	3.050	-0.011	100	21587	40.0	34.3	
37 Isopropyl ether	45	3.062	3.073	-0.011	86	191763	20.0	18.2	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	90	58225	20.0	19.0	
41 Tert-butyl ethyl ether	87	3.359	3.370	-0.011	88	81035	20.0	18.7	
* 42 2-Butanone-d5	46	3.451	3.462	-0.011	86	265723	250.0	250.0	
43 2,2-Dichloropropane	79	3.496	3.496	0.000	91	38514	20.0	17.6	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	98	72900	20.0	18.7	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	96	38837	100.0	98.3	
45 Ethyl acetate	70	3.542	3.565	-0.023	97	14398	40.0	39.3	
48 Propionitrile	54	3.553	3.565	-0.012	77	92770	200.0	185.5	a
47 Methyl acrylate	55	3.588	3.599	-0.011	98	65275	20.0	19.8	
50 Chlorobromomethane	128	3.702	3.702	0.000	86	37079	20.0	19.8	
51 Methacrylonitrile	67	3.691	3.702	-0.011	92	238088	200.0	197.7	
49 Tetrahydrofuran	72	3.759	3.771	-0.011	79	19263	40.0	43.0	
52 Chloroform	83	3.771	3.782	-0.011	98	113109	20.0	19.4	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.931	-0.012	96	146147	50.0	52.5	
54 1,1,1-Trichloroethane	97	3.953	3.965	-0.012	98	114894	20.0	19.9	
53 Cyclohexane	84	4.011	4.022	-0.011	91	118000	20.0	20.3	
57 1,1-Dichloropropene	75	4.102	4.113	-0.011	95	84926	20.0	19.2	
56 Carbon tetrachloride	117	4.113	4.125	-0.012	97	98822	20.0	19.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	149547	50.0	51.3	
58 Isobutyl alcohol	74	4.308	4.308	0.000	91	26092	500.0	494.2	
60 Benzene	78	4.308	4.319	-0.011	96	258928	20.0	19.7	
64 1,2-Dichloroethane	62	4.319	4.331	-0.012	96	82826	20.0	18.9	
59 Isooctane	57	4.399	4.411	-0.012	96	238030	20.0	17.8	
62 Isopropyl acetate	61	4.411	4.411	0.000	91	24355	20.0	20.6	
63 Tert-amyl methyl ether	73	4.433	4.445	-0.012	95	208683	20.0	19.8	
* 66 Fluorobenzene	96	4.593	4.605	-0.012	99	538995	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	87	100881	20.0	19.7	
68 n-Butanol	56	4.936	4.936	0.000	96	58863	500.0	438.8	
69 Trichloroethene	95	4.982	4.993	-0.011	97	65285	20.0	18.6	
70 Ethyl acrylate	55	5.119	5.131	-0.012	97	66503	20.0	19.2	
71 Methylcyclohexane	83	5.211	5.211	0.000	94	131045	20.0	18.6	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	89	62308	20.0	18.6	
77 Dibromomethane	93	5.359	5.359	0.000	95	38992	20.0	19.9	
74 Methyl methacrylate	69	5.394	5.394	0.000	85	80707	40.0	38.8	
* 73 1,4-Dioxane-d8	96	5.336	5.405	-0.069	39	28623	1000.0	1000.0	
75 1,4-Dioxane	88	5.451	5.416	0.035	29	17425	400.0	461.2	a
76 n-Propyl acetate	43	5.474	5.485	-0.011	99	79925	20.0	18.0	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	99	82472	20.0	18.3	
79 2-Nitropropane	41	5.839	5.839	0.000	98	33485	40.0	34.6	
80 Epichlorohydrin	57	5.999	5.999	0.000	27	7147	20.0	22.3	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	94	94780	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	306960	100.0	94.9	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	558945	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.525	6.536	-0.011	93	277041	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	99	83518	20.0	18.1	
86 Ethyl methacrylate	69	7.005	7.017	-0.012	89	73900	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	94	43903	20.0	19.6	
88 Tetrachloroethene	166	7.257	7.257	0.000	97	70491	20.0	19.2	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	95	81585	20.0	19.4	
90 2-Hexanone	43	7.462	7.462	0.000	96	177563	100.0	86.6	
92 Chlorodibromomethane	129	7.611	7.611	0.000	98	59554	20.0	18.5	
91 n-Butyl acetate	43	7.691	7.691	0.000	98	81454	20.0	18.9	
93 Ethylene Dibromide	107	7.737	7.748	-0.011	100	50519	20.0	17.7	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	86	393364	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	96	175582	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	96	74607	20.0	20.0	
96 Ethylbenzene	106	8.674	8.674	0.000	98	99642	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	124549	20.0	19.7	
100 o-Xylene	106	9.337	9.337	0.000	94	132739	20.0	19.4	
101 Styrene	104	9.360	9.360	0.000	95	194393	20.0	18.9	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	45757	20.0	18.7	
103 Bromoform	173	9.543	9.543	0.001	96	40025	20.0	18.2	
102 Amyl acetate (mixed isomers)	43	9.645	9.657	-0.012	90	79200	20.0	19.2	
104 Isopropylbenzene	105	9.771	9.771	0.000	96	357630	20.0	19.9	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	96	177880	50.0	52.0	
106 Bromobenzene	156	10.045	10.045	0.000	93	81516	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	98	83273	20.0	19.7	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	97	21758	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.148	10.160	-0.012	86	20218	20.0	18.9	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	402957	20.0	19.4	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	238178	20.0	19.0	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	335486	20.0	18.7	
114 4-Chlorotoluene	91	10.365	10.365	0.000	98	252690	20.0	18.5	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	306555	20.0	19.1	
115 Butyl Methacrylate	87	10.514	10.514	0.000	90	73872	20.0	16.2	
116 tert-Butylbenzene	119	10.674	10.674	0.000	93	241963	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	98	319162	20.0	18.8	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	414839	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	97	155499	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	96	234142	50.0	50.0	
119 4-Isopropyltoluene	119	11.006	11.017	-0.011	98	355325	20.0	19.4	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	95	157385	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	98	330690	20.0	19.0	
124 Benzyl chloride	91	11.154	11.154	0.000	99	139228	20.0	16.0	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	94	307240	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	86	162995	20.0	19.9	
126 p-Diethylbenzene	119	11.337	11.337	0.000	94	220742	20.0	19.1	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	185015	20.0	19.1	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	356453	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.966	-0.012	94	21352	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	97	142960	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	137189	20.0	18.5	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	96	67265	20.0	19.3	
134 Naphthalene	128	12.743	12.743	0.000	99	354792	20.0	21.1	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	95	136033	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 137 Xylenes, Total	100				0		40.0	39.0	
S 139 Total BTEX	1				0		100.0	96.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00488	Amount Added: 2.00	Units: uL	
8260 SP_00160	Amount Added: 2.00	Units: uL	
8FreonsSS_00051	Amount Added: 2.00	Units: uL	
ACROLEIN SP_00143	Amount Added: 3.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D

Injection Date: 18-Nov-2022 19:45:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: ICV

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

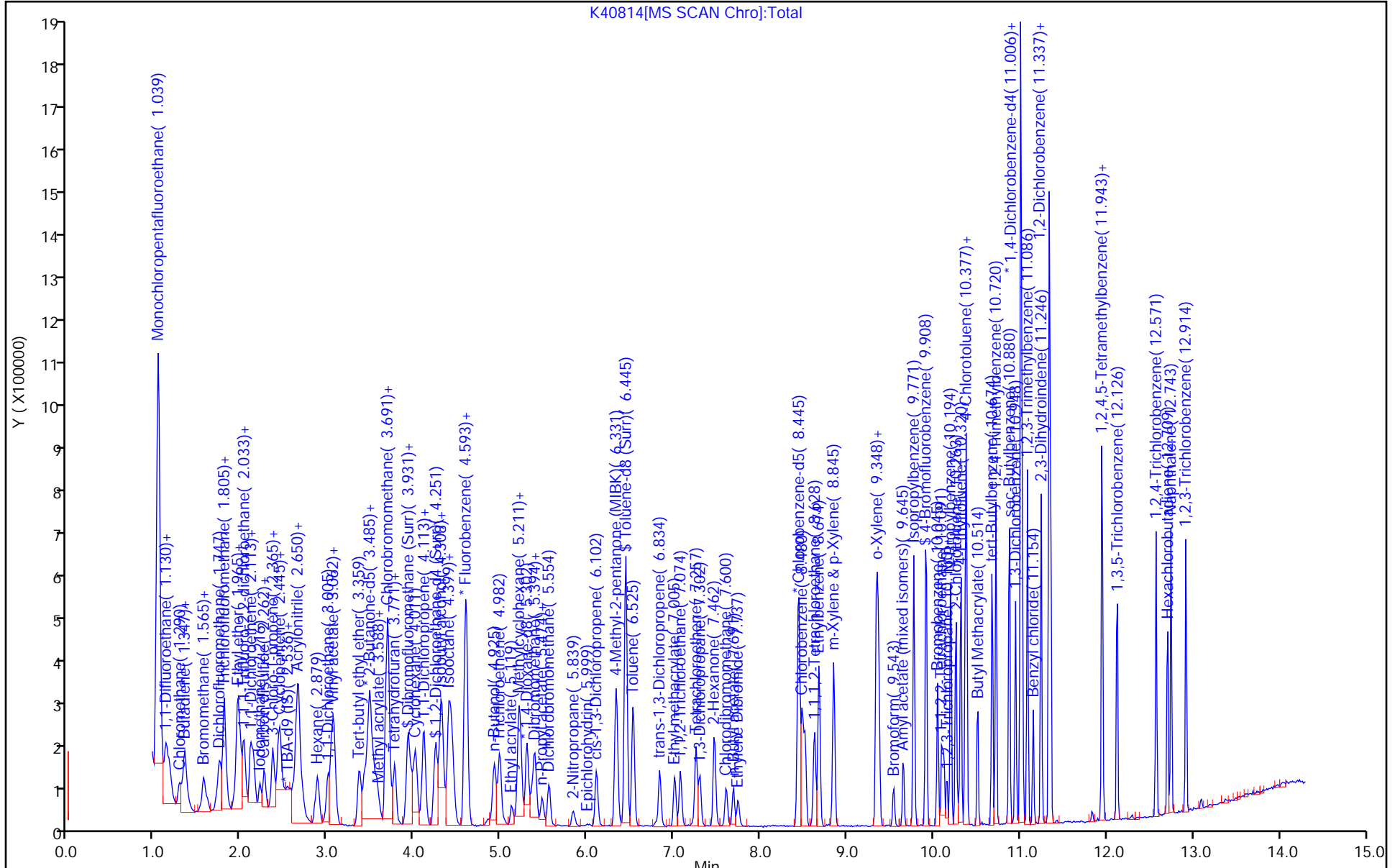
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

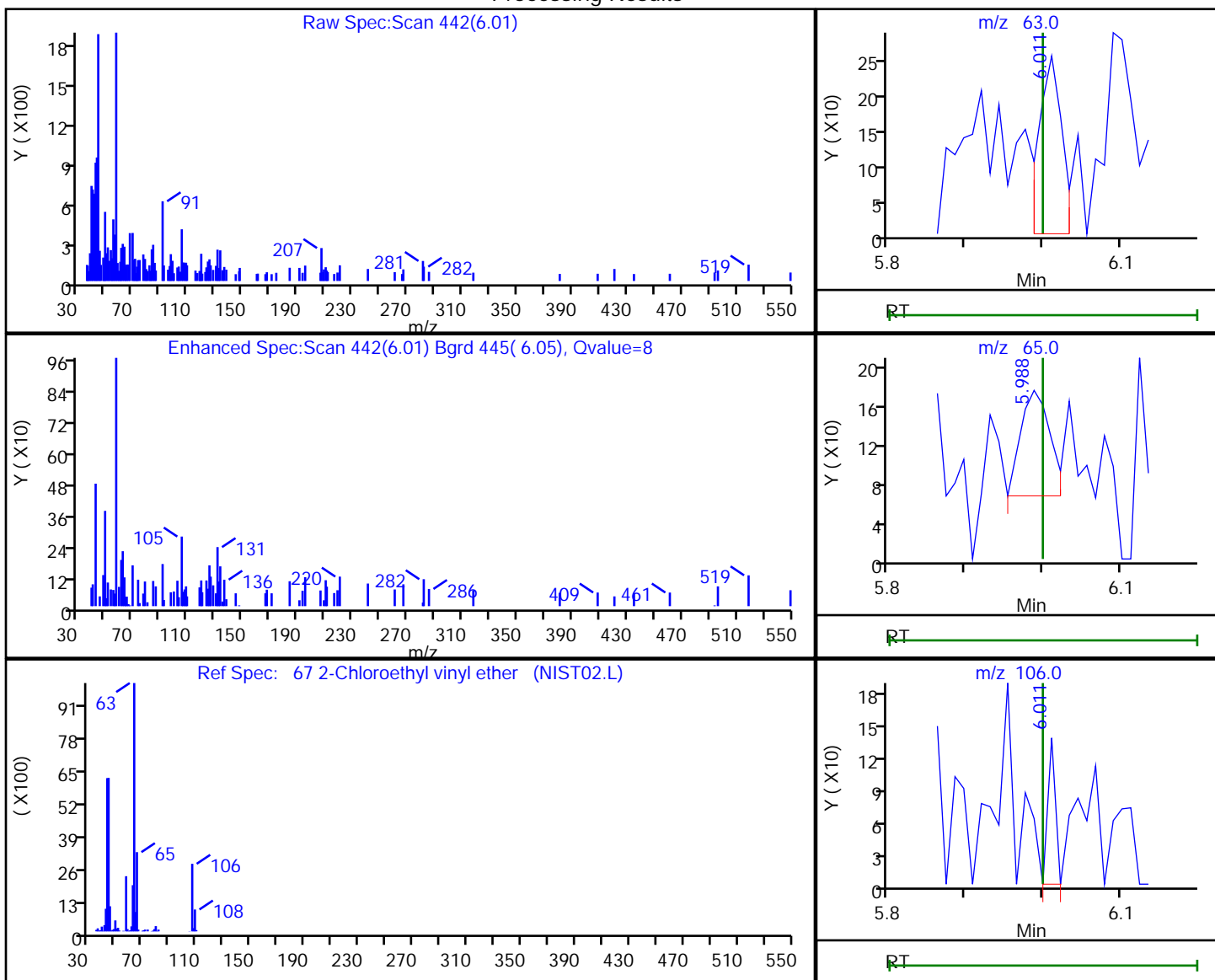


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
 Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
 Lims ID: ICV
 Client ID:
 Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

67 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.01	63.00	530	3.445445
5.99	65.00	283	
6.01	106.00	93	

Reviewer: W9CM, 19-Nov-2022 08:48:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-878754/14 Calibration Date: 11/18/2022 19:45
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K40814.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.2670		25.0	20.0	25.2	30.0
Dichlorodifluoromethane	Ave	0.6840	0.7313	0.1000	21.4	20.0	6.9	30.0
Chlorodifluoromethane	QuaF		0.0927		20.5	20.0	2.5	30.0
Chloromethane	Ave	0.6885	0.6365	0.1000	18.5	20.0	-7.6	30.0
Butadiene	Ave	0.4399	0.3639		16.5	20.0	-17.3	30.0
Vinyl chloride	Ave	0.4797	0.5005	0.1000	20.9	20.0	4.3	30.0
Bromomethane	Ave	0.3675	0.3848	0.1000	20.9	20.0	4.7	30.0
Chloroethane	Ave	0.2759	0.2335	0.1000	16.9	20.0	-15.4	30.0
Dichlorofluoromethane	Ave	0.6742	0.6567		19.5	20.0	-2.6	30.0
Pentane	Ave	5.869	5.656		38.5	40.0	-3.6	30.0
Trichlorofluoromethane	Ave	0.5804	0.6192	0.1000	21.3	20.0	6.7	30.0
Ethyl ether	Ave	0.2219	0.2077		18.7	20.0	-6.4	30.0
2-Methyl-1,3-butadiene	Ave	0.2818	0.2762		19.6	20.0	-2.0	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3088	0.3367		21.8	20.0	9.0	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin2		0.5025		20.4	20.0	2.1	30.0
Acrolein	Ave	4.397	4.800		328	300	9.2	30.0
Ethanol	Ave	0.1950	0.2075		851	800	6.4	30.0
1,1-Dichloroethene	Ave	0.2811	0.2770	0.1000	19.7	20.0	-1.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3783	0.3820	0.1000	20.2	20.0	1.0	30.0
Acetone	QuaF		0.9434	0.0500	89.3	100	-10.7	30.0
Iodomethane	Ave	0.6074	0.5709		18.8	20.0	-6.0	30.0
Isopropyl alcohol	Ave	1.863	1.557		167	200	-16.4	30.0
Carbon disulfide	Ave	1.111	1.072	0.1000	19.3	20.0	-3.5	30.0
3-Chloro-1-propene	Ave	0.4295	0.4177		19.5	20.0	-2.7	30.0
Methyl acetate	Ave	17.55	17.49	0.1000	39.9	40.0	-0.3	30.0
Cyclopentene	Ave	0.6842	0.7466		21.8	20.0	9.1	30.0
Acetonitrile	Ave	2.176	2.236		205	200	2.7	30.0
Methylene Chloride	Ave	0.3267	0.3142	0.1000	19.2	20.0	-3.8	30.0
2-Methyl-2-propanol	Ave	4.779	4.951		207	200	3.6	30.0
Acrylonitrile	Ave	0.1009	0.1007		200	200	-0.1	30.0
Methyl tert-butyl ether	Ave	0.9504	0.9438	0.1000	19.9	20.0	-0.7	30.0
trans-1,2-Dichloroethene	Ave	0.3245	0.3041	0.1000	18.7	20.0	-6.3	30.0
Hexane	Lin2		0.2680		19.7	20.0	-1.7	30.0
1,1-Dichloroethane	Ave	0.5433	0.5107	0.2000	18.8	20.0	-6.0	30.0
Vinyl acetate	Ave	5.398	4.624		34.3	40.0	-14.3	30.0
Isopropyl ether	Ave	0.9787	0.8894		18.2	20.0	-9.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2850	0.2701		19.0	20.0	-5.2	30.0
Tert-butyl ethyl ether	Ave	0.4023	0.3759		18.7	20.0	-6.6	30.0
cis-1,2-Dichloroethene	Ave	0.3625	0.3381	0.1000	18.7	20.0	-6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-878754/14 Calibration Date: 11/18/2022 19:45
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K40814.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2031	0.1786		17.6	20.0	-12.0	30.0
2-Butanone (MEK)	QuaF		0.3654	0.0500	98.3	100	-1.7	30.0
Ethyl acetate	Ave	0.3444	0.3387		39.3	40.0	-1.7	30.0
Propionitrile	Ave	4.285	3.974		185	200	-7.3	30.0
Methyl acrylate	Ave	0.3065	0.3028		19.8	20.0	-1.2	30.0
Methacrylonitrile	Ave	0.1117	0.1104		198	200	-1.2	30.0
Chlorobromomethane	Ave	0.1736	0.1720		19.8	20.0	-0.9	30.0
Tetrahydrofuran	QuaF		0.4531		43.0	40.0	7.6	30.0
Chloroform	Ave	0.5415	0.5246	0.2000	19.4	20.0	-3.1	30.0
1,1,1-Trichloroethane	Ave	0.5346	0.5329	0.1000	19.9	20.0	-0.3	30.0
Cyclohexane	Ave	0.5381	0.5473	0.1000	20.3	20.0	1.7	30.0
1,1-Dichloropropene	Ave	0.4107	0.3939		19.2	20.0	-4.1	30.0
Carbon tetrachloride	Ave	0.4630	0.4584	0.1000	19.8	20.0	-1.0	30.0
Benzene	Ave	1.669	1.646	0.5000	19.7	20.0	-1.4	30.0
Isobutyl alcohol	Ave	0.4524	0.4471		494	500	-1.2	30.0
1,2-Dichloroethane	Ave	0.4064	0.3842	0.1000	18.9	20.0	-5.5	30.0
Isooctane	Ave	1.243	1.104		17.8	20.0	-11.2	30.0
Isopropyl acetate	Ave	0.1097	0.1130		20.6	20.0	3.0	30.0
Tert-amyl methyl ether	Ave	0.9764	0.9679		19.8	20.0	-0.9	30.0
n-Heptane	QuaF		0.4679		19.7	20.0	-1.6	30.0
n-Butanol	Ave	1.149	1.009		439	500	-12.2	30.0
Trichloroethene	Ave	0.3256	0.3028	0.2000	18.6	20.0	-7.0	30.0
Ethyl acrylate	Ave	0.3206	0.3085		19.2	20.0	-3.8	30.0
Methylcyclohexane	Ave	0.6537	0.6078	0.1000	18.6	20.0	-7.0	30.0
1,2-Dichloropropane	Ave	0.3102	0.2890	0.1000	18.6	20.0	-6.8	30.0
Dibromomethane	Ave	0.1822	0.1809		19.9	20.0	-0.7	30.0
Methyl methacrylate	Ave	0.1929	0.1872		38.8	40.0	-3.0	30.0
1,4-Dioxane	QuaF		1.522		461	400	15.3	30.0
n-Propyl acetate	Ave	0.4110	0.3707		18.0	20.0	-9.8	30.0
Dichlorobromomethane	Ave	0.4180	0.3825	0.2000	18.3	20.0	-8.5	30.0
2-Nitropropane	Ave	0.0897	0.0777		34.6	40.0	-13.4	30.0
Epichlorohydrin	Ave	0.3020	0.3362		22.3	20.0	11.3	30.0
cis-1,3-Dichloropropene	Ave	0.6620	0.6024	0.2000	18.2	20.0	-9.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.042	2.888	0.0500	94.9	100	-5.1	30.0
Toluene	Ave	1.833	1.761	0.4000	19.2	20.0	-3.9	30.0
trans-1,3-Dichloropropene	Ave	0.5863	0.5308	0.1000	18.1	20.0	-9.5	30.0
Ethyl methacrylate	Ave	0.5176	0.4697		18.1	20.0	-9.3	30.0
1,1,2-Trichloroethane	Ave	0.2850	0.2790	0.1000	19.6	20.0	-2.1	30.0
Tetrachloroethene	Ave	0.4672	0.4480	0.2000	19.2	20.0	-4.1	30.0
1,3-Dichloropropane	Ave	0.5353	0.5185		19.4	20.0	-3.1	30.0
2-Hexanone	Ave	1.929	1.671	0.0500	86.6	100	-13.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-878754/14 Calibration Date: 11/18/2022 19:45
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K40814.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.4087	0.3785	0.1000	18.5	20.0	-7.4	30.0
n-Butyl acetate	Ave	0.5491	0.5177		18.9	20.0	-5.7	30.0
Ethylene Dibromide	Ave	0.3618	0.3211	0.1000	17.7	20.0	-11.3	30.0
Chlorobenzene	Ave	1.139	1.116	0.5000	19.6	20.0	-2.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4737	0.4742		20.0	20.0	0.1	30.0
Ethylbenzene	Ave	0.6707	0.6333	0.1000	18.9	20.0	-5.6	30.0
m-Xylene & p-Xylene	Ave	0.8052	0.7916	0.1000	19.7	20.0	-1.7	30.0
o-Xylene	Ave	0.8708	0.8436	0.3000	19.4	20.0	-3.1	30.0
Styrene	Ave	1.305	1.235	0.3000	18.9	20.0	-5.3	30.0
n-Butyl acrylate	Ave	0.3117	0.2908		18.7	20.0	-6.7	30.0
Bromoform	Ave	0.2800	0.2544	0.1000	18.2	20.0	-9.2	30.0
Amyl acetate (mixed isomers)	QuaF		0.8456		19.2	20.0	-4.2	30.0
Isopropylbenzene	Ave	2.284	2.273	0.1000	19.9	20.0	-0.5	30.0
Bromobenzene	Ave	0.8804	0.8704		19.8	20.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9013	0.8891	0.3000	19.7	20.0	-1.4	30.0
1,2,3-Trichloropropane	Ave	0.2335	0.2323		19.9	20.0	-0.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2282	0.2159		18.9	20.0	-5.4	30.0
N-Propylbenzene	Ave	4.445	4.302		19.4	20.0	-3.2	30.0
2-Chlorotoluene	Ave	2.671	2.543		19.0	20.0	-4.8	30.0
4-Ethyltoluene	Ave	3.827	3.582		18.7	20.0	-6.4	30.0
4-Chlorotoluene	Ave	2.911	2.698		18.5	20.0	-7.3	30.0
1,3,5-Trimethylbenzene	Ave	3.422	3.273		19.1	20.0	-4.3	30.0
Butyl Methacrylate	Ave	0.9708	0.7888		16.2	20.0	-18.8	30.0
tert-Butylbenzene	Ave	2.777	2.584		18.6	20.0	-7.0	30.0
1,2,4-Trimethylbenzene	Ave	3.617	3.408		18.8	20.0	-5.8	30.0
sec-Butylbenzene	Ave	4.460	4.429		19.9	20.0	-0.7	30.0
1,3-Dichlorobenzene	Ave	1.795	1.660	0.6000	18.5	20.0	-7.5	30.0
4-Isopropyltoluene	Ave	3.903	3.794		19.4	20.0	-2.8	30.0
1,4-Dichlorobenzene	Ave	1.759	1.680	0.5000	19.1	20.0	-4.4	30.0
1,2,3-Trimethylbenzene	Ave	3.708	3.531		19.0	20.0	-4.8	30.0
Benzyl chloride	Ave	1.862	1.487		16.0	20.0	-20.2	30.0
Indan	Ave	3.392	3.280		19.3	20.0	-3.3	30.0
1,2-Dichlorobenzene	Ave	1.749	1.740	0.4000	19.9	20.0	-0.5	30.0
p-Diethylbenzene	Ave	2.463	2.357		19.1	20.0	-4.3	30.0
n-Butylbenzene	Ave	2.066	1.975		19.1	20.0	-4.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.905	3.806		19.5	20.0	-2.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2453	0.2280	0.0500	18.6	20.0	-7.1	30.0
1,3,5-Trichlorobenzene	Ave	1.601	1.526		19.1	20.0	-4.7	30.0
1,2,4-Trichlorobenzene	Ave	1.584	1.465	0.2000	18.5	20.0	-7.5	30.0
Hexachlorobutadiene	Ave	0.7444	0.7182		19.3	20.0	-3.5	30.0
Naphthalene	Lin2		3.788		21.1	20.0	5.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-878754/14 Calibration Date: 11/18/2022 19:45
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K40814.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.526	1.452		19.0	20.0	-4.8	30.0
Dibromofluoromethane (Surr)	Ave	0.2580	0.2711		52.5	50.0	5.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2707	0.2775		51.3	50.0	2.5	30.0
Toluene-d8 (Surr)	Ave	1.422	1.421		49.9	50.0	-0.1	30.0
4-Bromofluorobenzene	Ave	0.4352	0.4522		52.0	50.0	3.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 18-Nov-2022 19:45:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0153407-014
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:56:22 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: C1JX

Date: 18-Nov-2022 20:08:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.050	1.073	-0.023	60	14955	NC	NC	
3 1,1-Difluoroethane	65	1.130	1.142	-0.012	93	56274	NC	NC	
2 Chlorotrifluoroethene	116	1.130	1.153	-0.023	60	57562	20.0	25.0	
4 Dichlorodifluoromethane	85	1.165	1.176	-0.011	84	157675	20.0	21.4	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	95	19994	20.0	20.5	a
6 Chloromethane	50	1.290	1.302	-0.012	98	137226	20.0	18.5	
7 Butadiene	54	1.347	1.359	-0.012	96	78456	20.0	16.5	
8 Vinyl chloride	62	1.359	1.382	-0.023	97	107917	20.0	20.9	
9 Bromomethane	94	1.565	1.576	-0.011	98	82952	20.0	20.9	
10 Chloroethane	64	1.599	1.610	-0.011	100	50332	20.0	16.9	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	99	141576	20.0	19.5	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	55	133499	20.0	21.3	
13 Pentane	72	1.805	1.816	-0.011	97	26408	40.0	38.5	
14 Ethanol	46	2.056	1.953	0.103	66	19376	800.0	851.2	a
15 Ethyl ether	59	1.942	1.953	-0.011	93	44788	20.0	18.7	
16 2-Methyl-1,3-butadiene	53	1.965	1.976	-0.011	96	59546	20.0	19.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.976	1.976	0.000	91	72596	20.0	21.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.999	2.010	-0.011	96	108338	20.0	20.4	
19 Acrolein	56	2.033	2.045	-0.012	97	168303	300.4	327.9	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	98	59717	20.0	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.136	2.147	-0.011	97	82365	20.0	20.2	
22 Acetone	43	2.148	2.159	-0.011	66	100272	100.0	89.3	
23 Iodomethane	142	2.216	2.227	-0.011	98	123083	20.0	18.8	
24 Isopropyl alcohol	45	2.239	2.250	-0.011	24	36349	200.0	167.1	M
25 Carbon disulfide	76	2.262	2.273	-0.011	99	231223	20.0	19.3	
26 3-Chloro-1-propene	39	2.365	2.376	-0.011	90	90053	20.0	19.5	
27 Methyl acetate	43	2.376	2.388	-0.012	79	81651	40.0	39.9	
28 Cyclopentene	67	2.422	2.433	-0.011	90	160972	20.0	21.8	
29 Acetonitrile	39	2.433	2.433	0.000	23	52194	200.0	205.5	a
31 Methylene Chloride	84	2.456	2.456	0.000	91	67741	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	46	2.525	2.536	-0.011	96	116716	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.582	2.593	-0.011	91	115572	200.0	207.2	a
35 Acrylonitrile	53	2.639	2.650	-0.011	92	217146	200.0	199.7	
33 Methyl tert-butyl ether	73	2.662	2.673	-0.011	97	203473	20.0	19.9	
34 trans-1,2-Dichloroethene	96	2.662	2.673	-0.011	95	65556	20.0	18.7	
36 Hexane	43	2.879	2.890	-0.011	92	57790	20.0	19.7	
38 1,1-Dichloroethane	63	2.993	3.005	-0.012	100	110111	20.0	18.8	
39 Vinyl acetate	86	3.039	3.050	-0.011	100	21587	40.0	34.3	
37 Isopropyl ether	45	3.062	3.073	-0.011	86	191763	20.0	18.2	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	90	58225	20.0	19.0	
41 Tert-butyl ethyl ether	87	3.359	3.370	-0.011	88	81035	20.0	18.7	
* 42 2-Butanone-d5	46	3.451	3.462	-0.011	86	265723	250.0	250.0	
43 2,2-Dichloropropane	79	3.496	3.496	0.000	91	38514	20.0	17.6	
44 cis-1,2-Dichloroethene	96	3.485	3.496	-0.011	98	72900	20.0	18.7	
46 2-Butanone (MEK)	72	3.508	3.519	-0.011	96	38837	100.0	98.3	
45 Ethyl acetate	70	3.542	3.565	-0.023	97	14398	40.0	39.3	
48 Propionitrile	54	3.553	3.565	-0.012	77	92770	200.0	185.5	a
47 Methyl acrylate	55	3.588	3.599	-0.011	98	65275	20.0	19.8	
50 Chlorobromomethane	128	3.702	3.702	0.000	86	37079	20.0	19.8	
51 Methacrylonitrile	67	3.691	3.702	-0.011	92	238088	200.0	197.7	
49 Tetrahydrofuran	72	3.759	3.771	-0.011	79	19263	40.0	43.0	
52 Chloroform	83	3.771	3.782	-0.011	98	113109	20.0	19.4	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.931	-0.012	96	146147	50.0	52.5	
54 1,1,1-Trichloroethane	97	3.953	3.965	-0.012	98	114894	20.0	19.9	
53 Cyclohexane	84	4.011	4.022	-0.011	91	118000	20.0	20.3	
57 1,1-Dichloropropene	75	4.102	4.113	-0.011	95	84926	20.0	19.2	
56 Carbon tetrachloride	117	4.113	4.125	-0.012	97	98822	20.0	19.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	149547	50.0	51.3	
58 Isobutyl alcohol	74	4.308	4.308	0.000	91	26092	500.0	494.2	
60 Benzene	78	4.308	4.319	-0.011	96	258928	20.0	19.7	
64 1,2-Dichloroethane	62	4.319	4.331	-0.012	96	82826	20.0	18.9	
59 Isooctane	57	4.399	4.411	-0.012	96	238030	20.0	17.8	
62 Isopropyl acetate	61	4.411	4.411	0.000	91	24355	20.0	20.6	
63 Tert-amyl methyl ether	73	4.433	4.445	-0.012	95	208683	20.0	19.8	
* 66 Fluorobenzene	96	4.593	4.605	-0.012	99	538995	50.0	50.0	
65 n-Heptane	43	4.605	4.616	-0.011	87	100881	20.0	19.7	
68 n-Butanol	56	4.936	4.936	0.000	96	58863	500.0	438.8	
69 Trichloroethene	95	4.982	4.993	-0.011	97	65285	20.0	18.6	
70 Ethyl acrylate	55	5.119	5.131	-0.012	97	66503	20.0	19.2	
71 Methylcyclohexane	83	5.211	5.211	0.000	94	131045	20.0	18.6	
72 1,2-Dichloropropane	63	5.234	5.234	0.000	89	62308	20.0	18.6	
77 Dibromomethane	93	5.359	5.359	0.000	95	38992	20.0	19.9	
74 Methyl methacrylate	69	5.394	5.394	0.000	85	80707	40.0	38.8	
* 73 1,4-Dioxane-d8	96	5.336	5.405	-0.069	39	28623	1000.0	1000.0	
75 1,4-Dioxane	88	5.451	5.416	0.035	29	17425	400.0	461.2	a
76 n-Propyl acetate	43	5.474	5.485	-0.011	99	79925	20.0	18.0	
78 Dichlorobromomethane	83	5.554	5.565	-0.011	99	82472	20.0	18.3	
79 2-Nitropropane	41	5.839	5.839	0.000	98	33485	40.0	34.6	
80 Epichlorohydrin	57	5.999	5.999	0.000	27	7147	20.0	22.3	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	94	94780	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	306960	100.0	94.9	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	558945	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.525	6.536	-0.011	93	277041	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	99	83518	20.0	18.1	
86 Ethyl methacrylate	69	7.005	7.017	-0.012	89	73900	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	94	43903	20.0	19.6	
88 Tetrachloroethene	166	7.257	7.257	0.000	97	70491	20.0	19.2	
89 1,3-Dichloropropane	76	7.302	7.302	0.000	95	81585	20.0	19.4	
90 2-Hexanone	43	7.462	7.462	0.000	96	177563	100.0	86.6	
92 Chlorodibromomethane	129	7.611	7.611	0.000	98	59554	20.0	18.5	
91 n-Butyl acetate	43	7.691	7.691	0.000	98	81454	20.0	18.9	
93 Ethylene Dibromide	107	7.737	7.748	-0.011	100	50519	20.0	17.7	
* 94 Chlorobenzene-d5	117	8.445	8.445	0.000	86	393364	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	96	175582	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.628	8.628	0.000	96	74607	20.0	20.0	
96 Ethylbenzene	106	8.674	8.674	0.000	98	99642	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	124549	20.0	19.7	
100 o-Xylene	106	9.337	9.337	0.000	94	132739	20.0	19.4	
101 Styrene	104	9.360	9.360	0.000	95	194393	20.0	18.9	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	45757	20.0	18.7	
103 Bromoform	173	9.543	9.543	0.001	96	40025	20.0	18.2	
102 Amyl acetate (mixed isomers)	43	9.645	9.657	-0.012	90	79200	20.0	19.2	
104 Isopropylbenzene	105	9.771	9.771	0.000	96	357630	20.0	19.9	
\$ 105 4-Bromofluorobenzene	174	9.920	9.920	0.000	96	177880	50.0	52.0	
106 Bromobenzene	156	10.045	10.045	0.000	93	81516	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	98	83273	20.0	19.7	
109 1,2,3-Trichloropropane	110	10.125	10.125	0.000	97	21758	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	10.148	10.160	-0.012	86	20218	20.0	18.9	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	402957	20.0	19.4	
111 2-Chlorotoluene	91	10.263	10.263	0.000	97	238178	20.0	19.0	
112 4-Ethyltoluene	105	10.320	10.320	0.000	99	335486	20.0	18.7	
114 4-Chlorotoluene	91	10.365	10.365	0.000	98	252690	20.0	18.5	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	306555	20.0	19.1	
115 Butyl Methacrylate	87	10.514	10.514	0.000	90	73872	20.0	16.2	
116 tert-Butylbenzene	119	10.674	10.674	0.000	93	241963	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	98	319162	20.0	18.8	
118 sec-Butylbenzene	105	10.880	10.880	0.000	99	414839	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	97	155499	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	11.006	11.006	0.000	96	234142	50.0	50.0	
119 4-Isopropyltoluene	119	11.006	11.017	-0.011	98	355325	20.0	19.4	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	95	157385	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	11.086	11.086	0.000	98	330690	20.0	19.0	
124 Benzyl chloride	91	11.154	11.154	0.000	99	139228	20.0	16.0	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	94	307240	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	86	162995	20.0	19.9	
126 p-Diethylbenzene	119	11.337	11.337	0.000	94	220742	20.0	19.1	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	185015	20.0	19.1	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	356453	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.966	-0.012	94	21352	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	12.126	12.126	0.000	97	142960	20.0	19.1	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	137189	20.0	18.5	
133 Hexachlorobutadiene	225	12.709	12.709	0.000	96	67265	20.0	19.3	
134 Naphthalene	128	12.743	12.743	0.000	99	354792	20.0	21.1	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	95	136033	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.4	
S 137 Xylenes, Total	100				0		40.0	39.0	
S 139 Total BTEX	1				0		100.0	96.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00488	Amount Added: 2.00	Units: uL	
8260 SP_00160	Amount Added: 2.00	Units: uL	
8FreonsSS_00051	Amount Added: 2.00	Units: uL	
ACROLEIN SP_00143	Amount Added: 3.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D

Injection Date: 18-Nov-2022 19:45:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: ICV

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

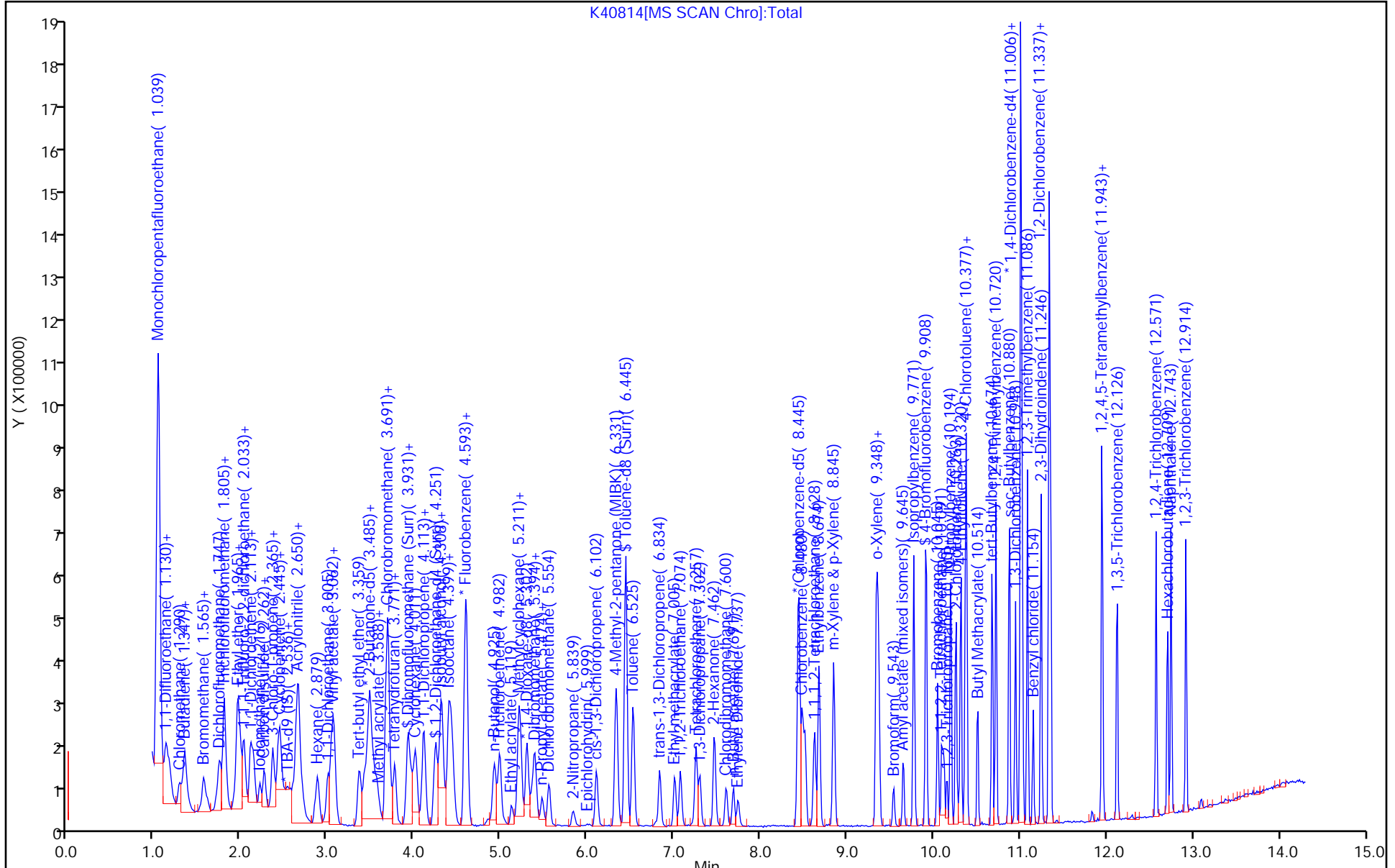
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



K40814[MS SCAN Chro]:Total

Eurofins Edison

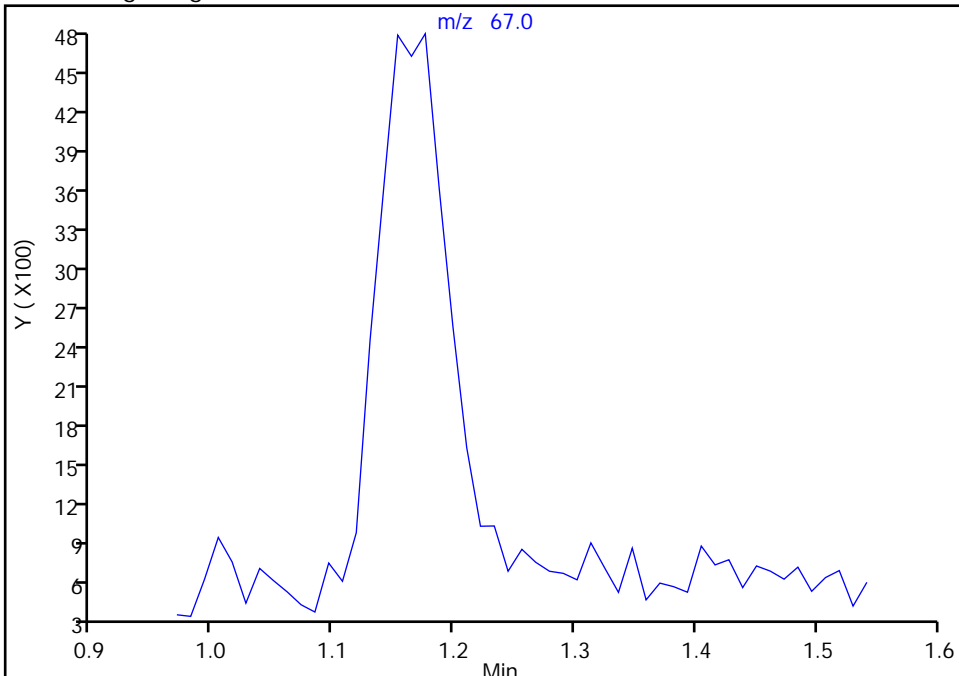
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Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

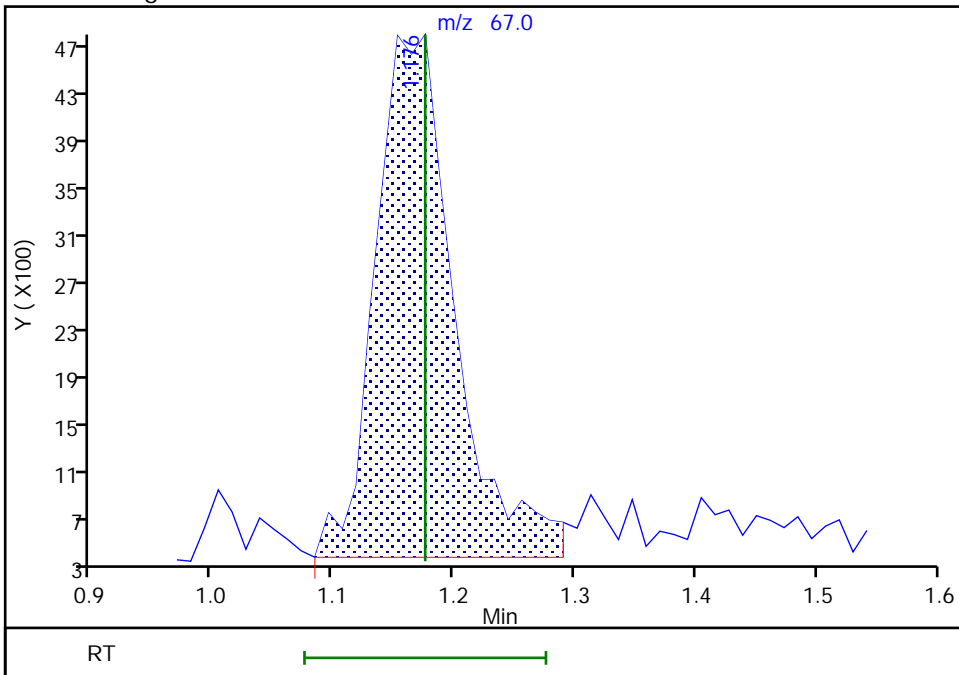
Not Detected
Expected RT: 1.18

Processing Integration Results



RT: 1.18
Area: 19994
Amount: 20.505627
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:46:27
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

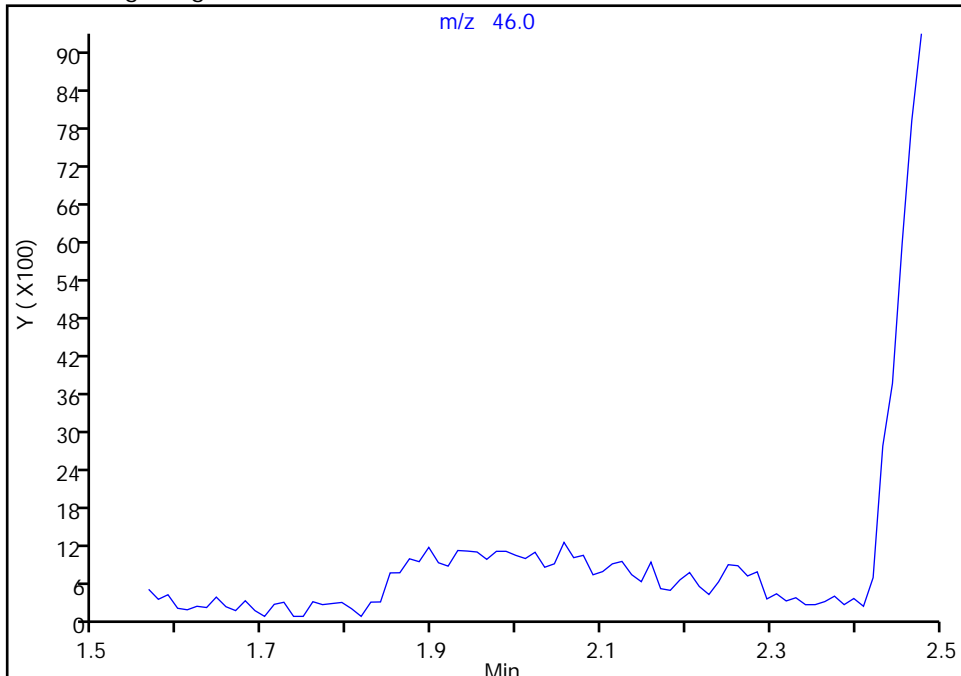
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

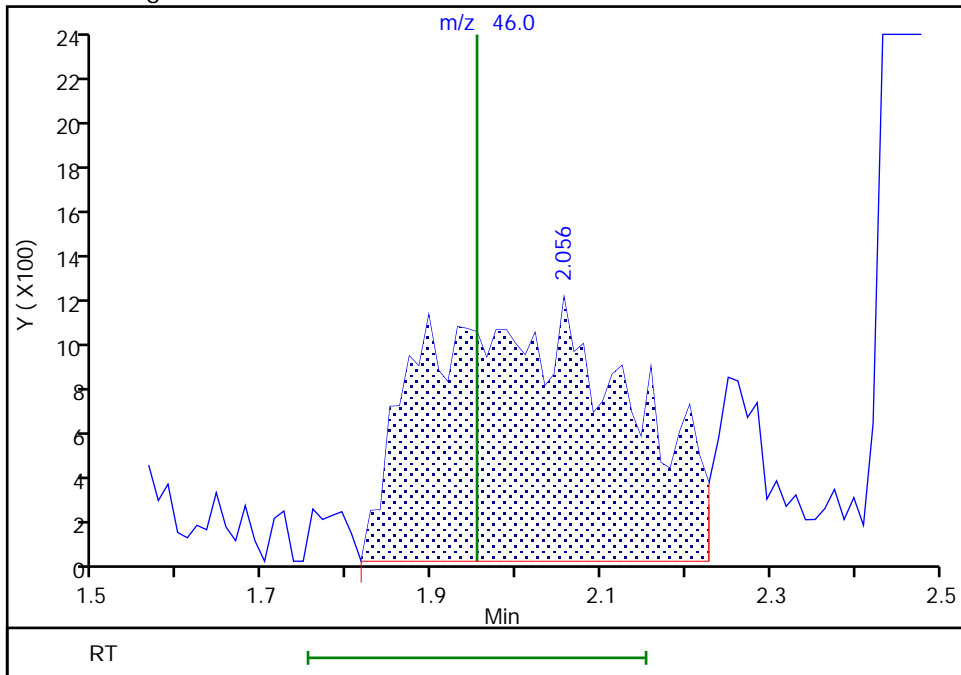
Not Detected
Expected RT: 1.95

Processing Integration Results



RT: 2.06
Area: 19376
Amount: 851.2313
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:46:34
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

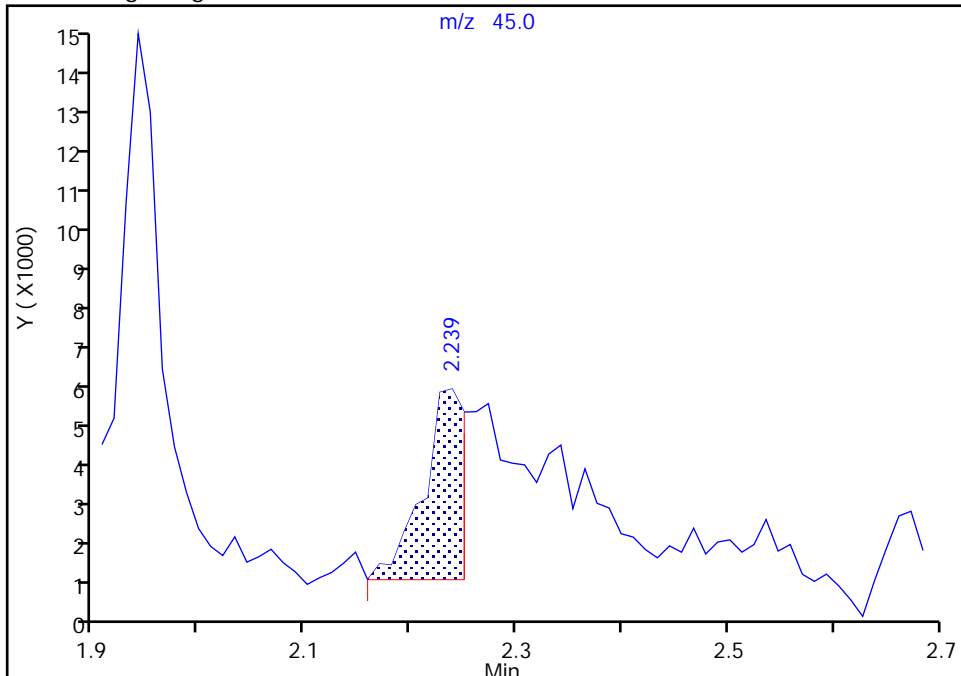
ALS Bottle#: 13 Worklist Smp#: 14
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

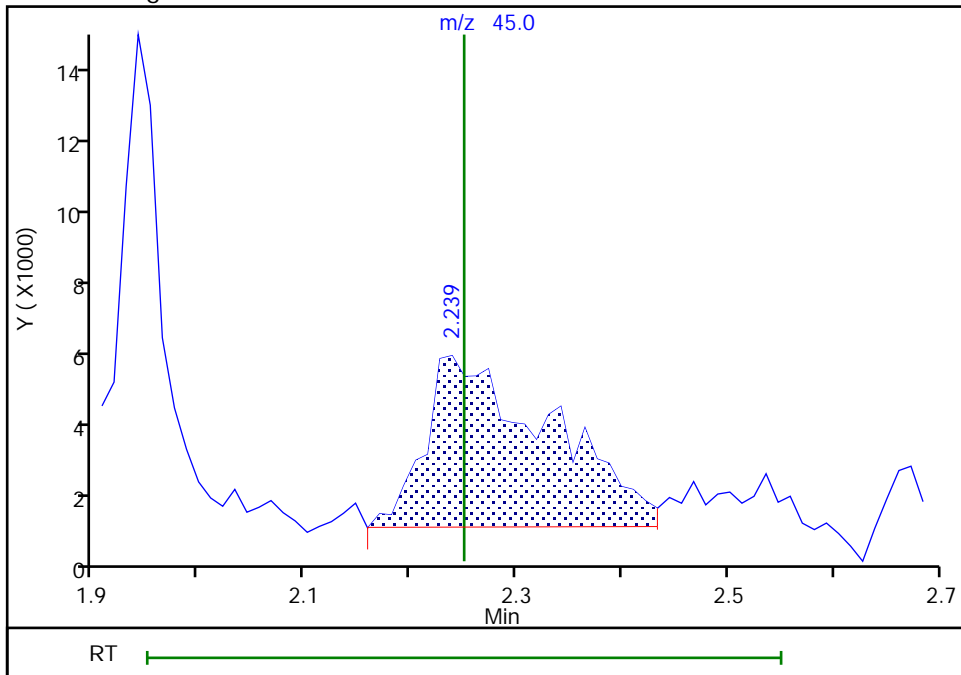
RT: 2.24
Area: 12475
Amount: 57.363789
Amount Units: ug/l

Processing Integration Results



RT: 2.24
Area: 36349
Amount: 167.1436
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:46:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

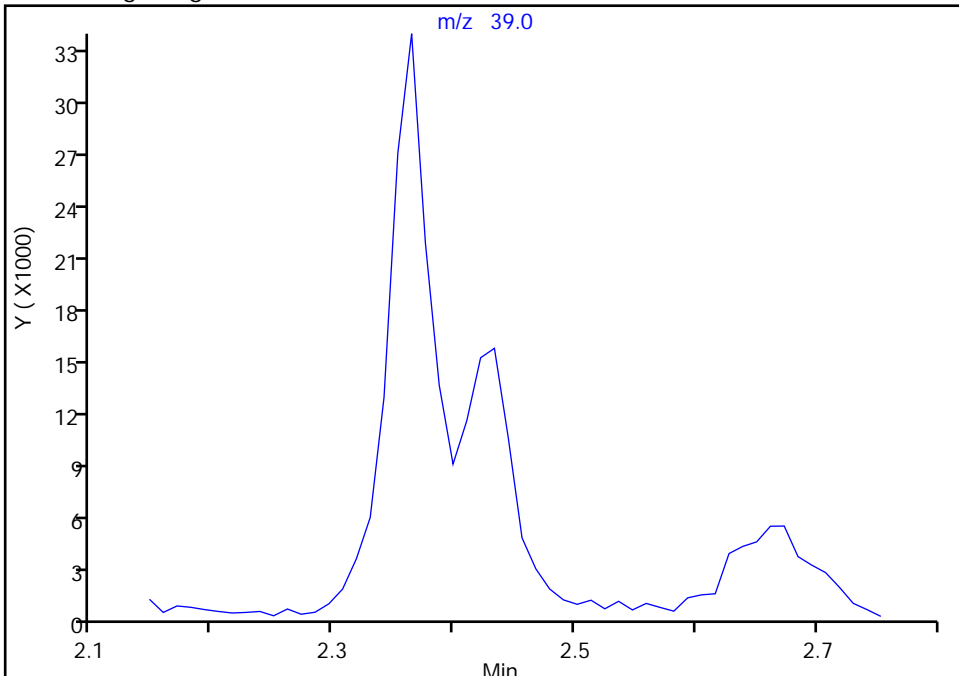
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

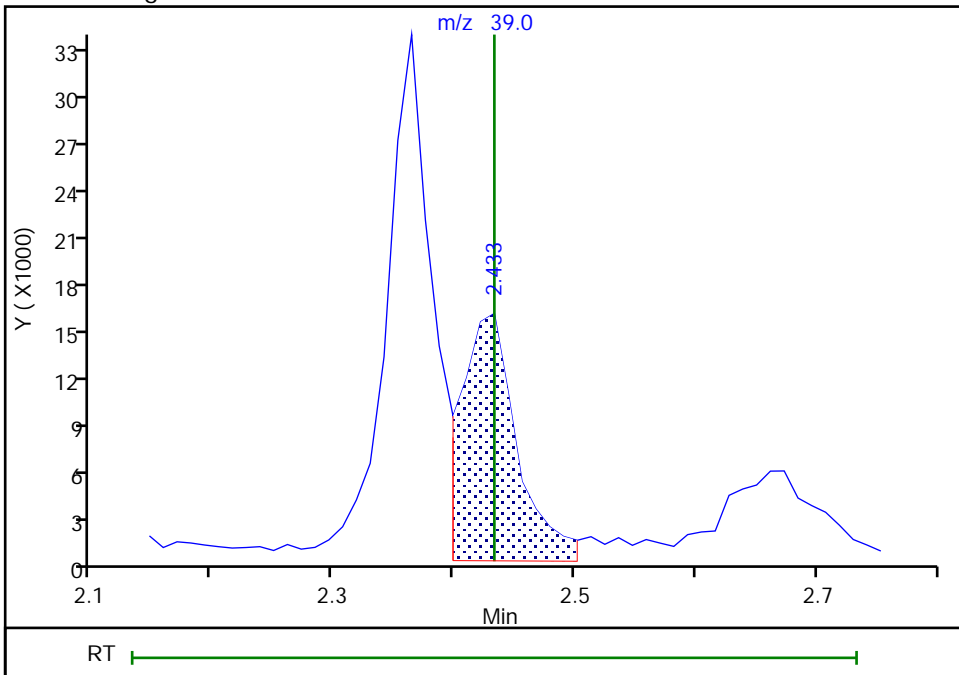
Not Detected
Expected RT: 2.43

Processing Integration Results



RT: 2.43
Area: 52194
Amount: 205.4895
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:46:57
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

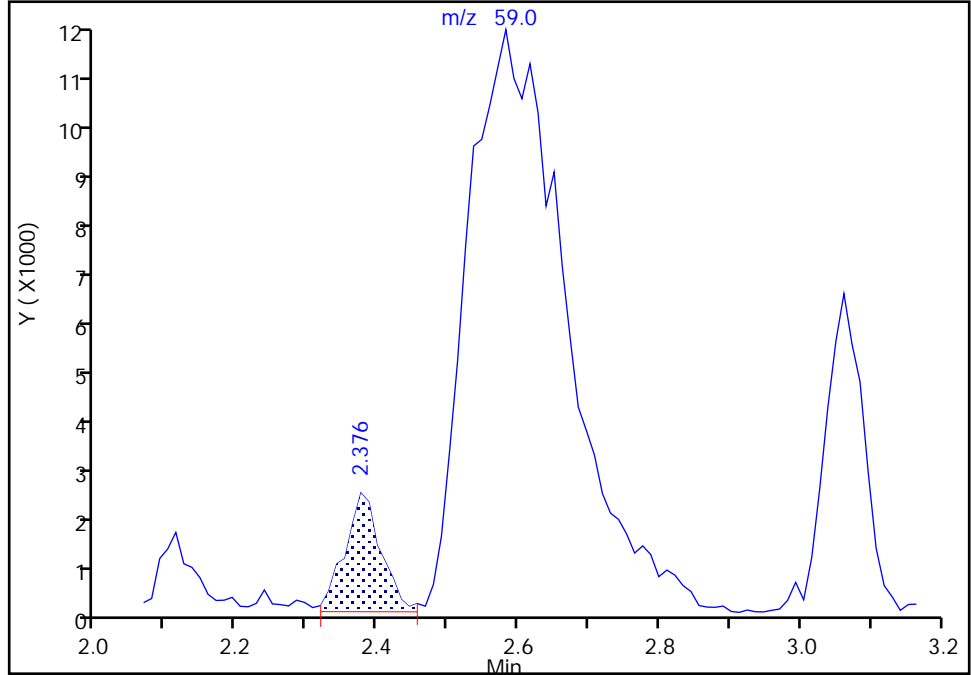
ALS Bottle#: 13 Worklist Smp#: 14
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

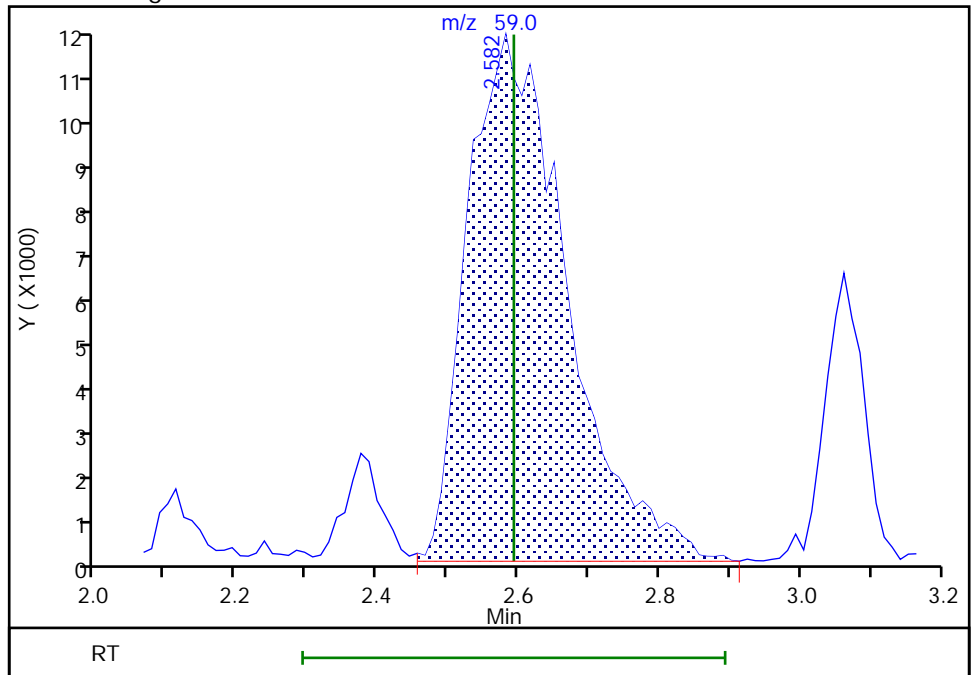
RT: 2.38
Area: 8607
Amount: 15.432109
Amount Units: ug/l

Processing Integration Results



RT: 2.58
Area: 115572
Amount: 207.2173
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:47:03
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

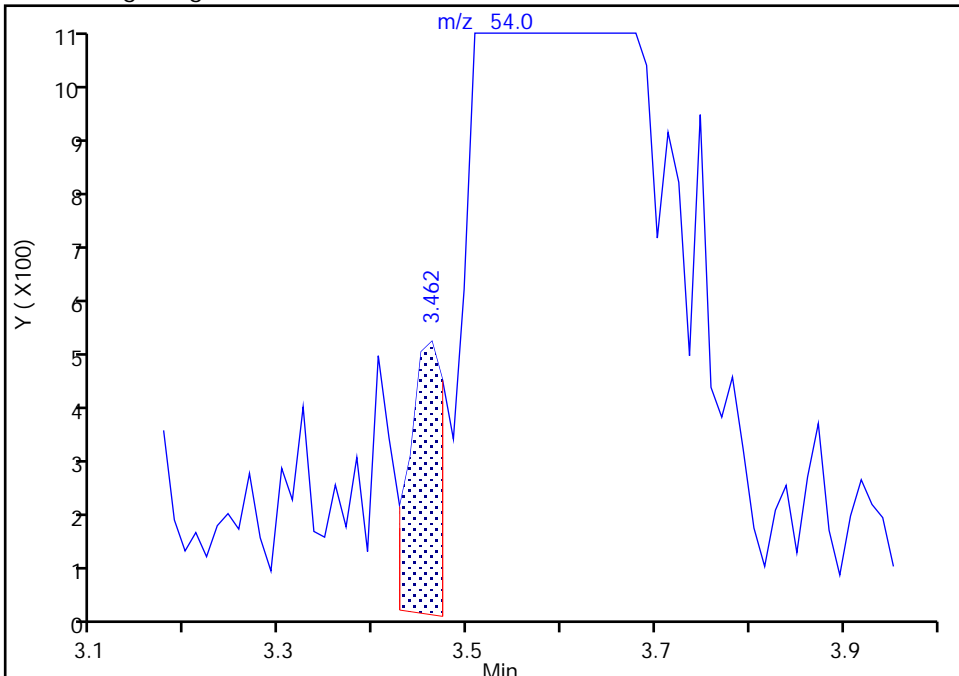
ALS Bottle#: 13 Worklist Smp#: 14
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

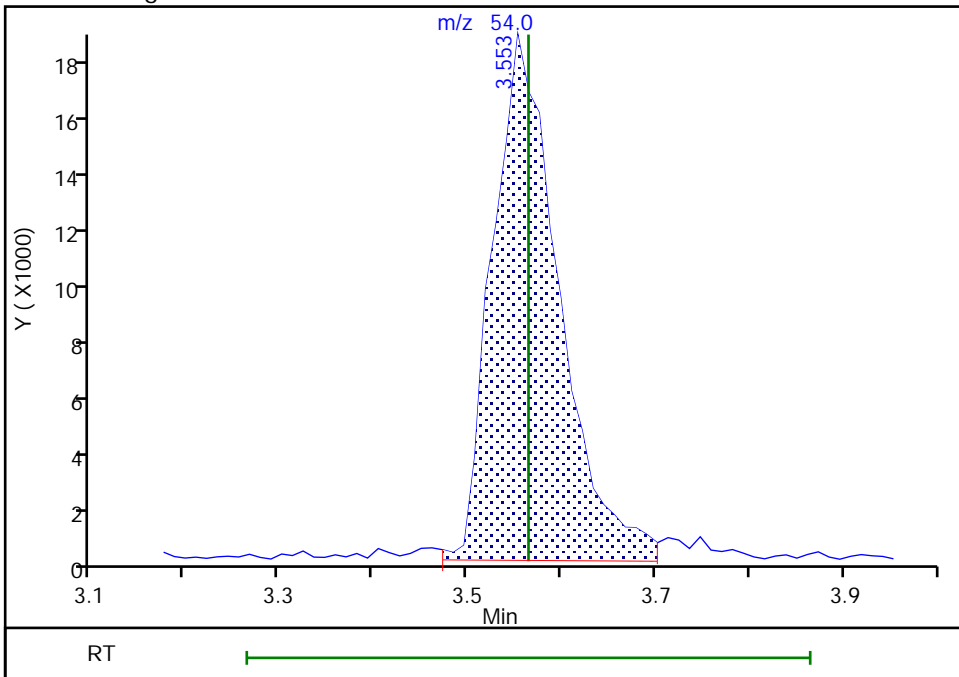
RT: 3.46
Area: 1231
Amount: 2.461467
Amount Units: ug/l

Processing Integration Results



RT: 3.55
Area: 92770
Amount: 185.4998
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 19-Nov-2022 08:47:21
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40814.D
Injection Date: 18-Nov-2022 19:45:30 Instrument ID: CVOAMS9
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260S9
Column: Rtx-624 (0.25 mm)

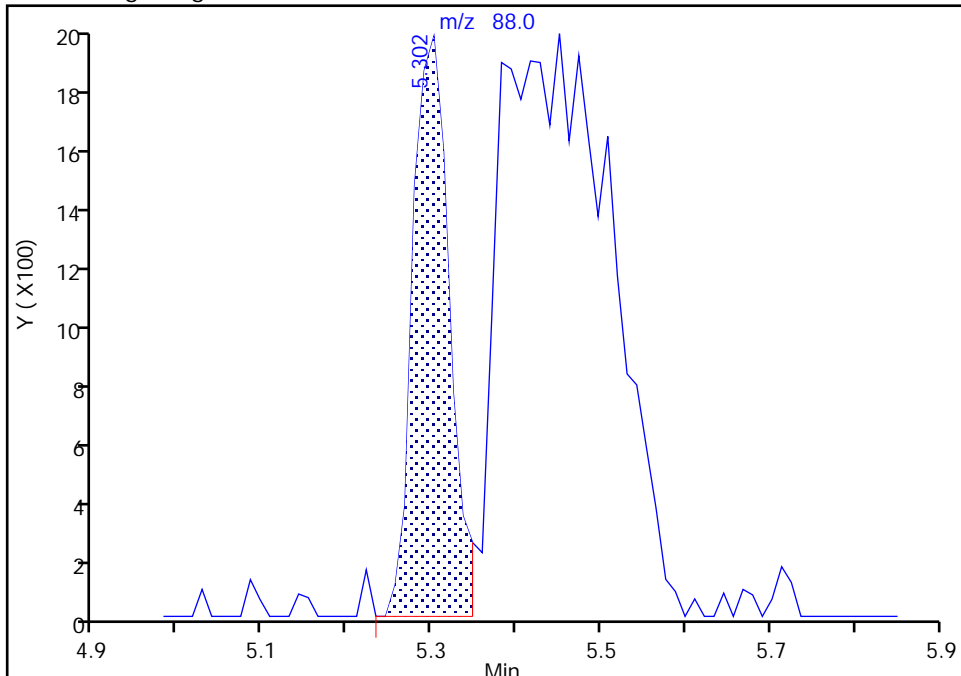
ALS Bottle#: 13 Worklist Smp#: 14
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

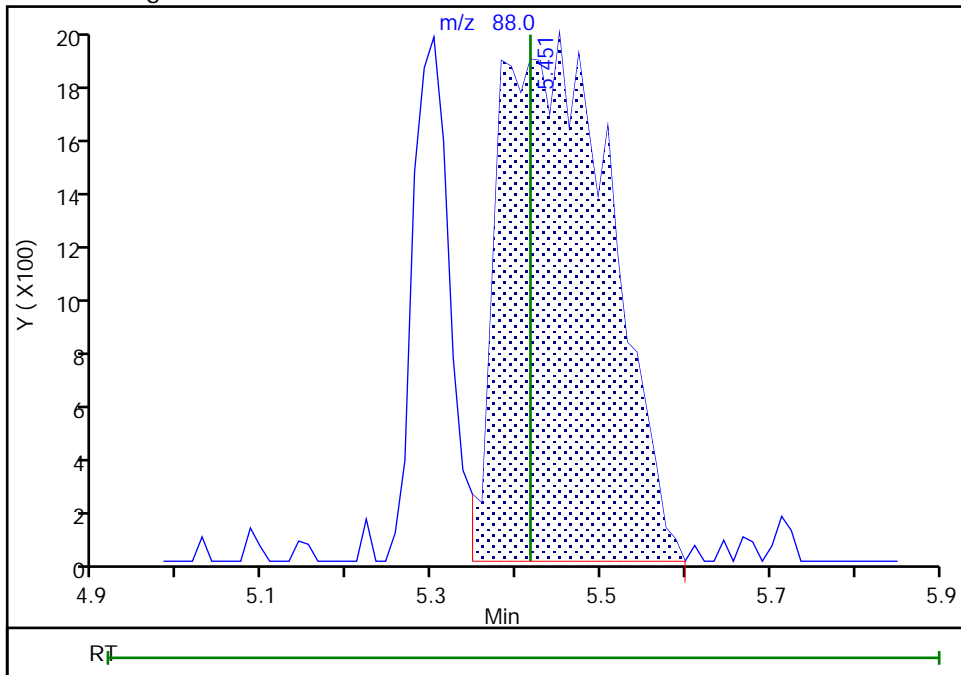
RT: 5.30
Area: 5739
Amount: 150.6868
Amount Units: ug/l

Processing Integration Results



RT: 5.45
Area: 17425
Amount: 461.1658
Amount Units: ug/l

Manual Integration Results



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883192/2 Calibration Date: 12/14/2022 17:10
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K41749.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.2028		19.0	20.0	-5.0	20.0
Chlorodifluoromethane	QuaF		0.0988		21.9	20.0	9.3	20.0
Dichlorodifluoromethane	Ave	0.6840	0.5617	0.1000	16.4	20.0	-17.9	20.0
Chloromethane	Ave	0.6885	0.6726	0.1000	19.5	20.0	-2.3	20.0
Butadiene	Ave	0.4399	0.4246		19.3	20.0	-3.5	20.0
Vinyl chloride	Ave	0.4797	0.4619	0.1000	19.3	20.0	-3.7	20.0
Bromomethane	Ave	0.3675	0.3935	0.1000	21.4	20.0	7.1	50.0
Chloroethane	Ave	0.2759	0.3078	0.1000	22.3	20.0	11.6	50.0
Dichlorofluoromethane	Ave	0.6742	0.7884		23.4	20.0	16.9	20.0
Pentane	Ave	5.869	7.598		51.8	40.0	29.4*	20.0
Trichlorofluoromethane	Ave	0.5804	0.5400	0.1000	18.6	20.0	-7.0	20.0
Ethyl ether	Ave	0.2219	0.2154		19.4	20.0	-2.9	20.0
2-Methyl-1,3-butadiene	Ave	0.2818	0.2824		20.0	20.0	0.2	20.0
Ethanol	Ave	0.1950	0.1064		436	800	-45.5	50.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3088	0.3211		20.8	20.0	4.0	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin2		0.5077		20.6	20.0	3.1	20.0
Acrolein	Ave	4.397	4.327		295	300	-1.6	50.0
1,1-Dichloroethene	Ave	0.2811	0.3179	0.1000	22.6	20.0	13.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3783	0.4027	0.1000	21.3	20.0	6.5	20.0
Acetone	QuaF		1.058	0.0500	100	100	0.1	50.0
Iodomethane	Ave	0.6074	0.6304		20.8	20.0	3.8	20.0
Carbon disulfide	Ave	1.111	1.278	0.1000	23.0	20.0	15.0	50.0
Isopropyl alcohol	Ave	1.863	1.673		180	200	-10.2	50.0
3-Chloro-1-propene	Ave	0.4295	0.3593		16.7	20.0	-16.3	20.0
Methyl acetate	Ave	17.55	20.84	0.1000	47.5	40.0	18.8	20.0
Acetonitrile	Ave	2.176	2.251		207	200	3.4	20.0
Cyclopentene	Ave	0.6842	0.7023		20.5	20.0	2.6	20.0
Methylene Chloride	Ave	0.3267	0.3784	0.1000	23.2	20.0	15.8	20.0
2-Methyl-2-propanol	Ave	4.779	4.280		179	200	-10.4	50.0
Acrylonitrile	Ave	0.1009	0.1134		225	200	12.4	20.0
trans-1,2-Dichloroethene	Ave	0.3245	0.3501	0.1000	21.6	20.0	7.9	20.0
Methyl tert-butyl ether	Ave	0.9504	0.9487	0.1000	20.0	20.0	-0.2	20.0
Hexane	Lin2		0.2545		18.6	20.0	-6.9	20.0
1,1-Dichloroethane	Ave	0.5433	0.5837	0.2000	21.5	20.0	7.4	20.0
Vinyl acetate	Ave	5.398	4.336		32.1	40.0	-19.7	20.0
Isopropyl ether	Ave	0.9787	0.9857		20.1	20.0	0.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2850	0.2972		20.9	20.0	4.3	20.0
Tert-butyl ethyl ether	Ave	0.4023	0.3940		19.6	20.0	-2.1	20.0
cis-1,2-Dichloroethene	Ave	0.3625	0.3558	0.1000	19.6	20.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883192/2 Calibration Date: 12/14/2022 17:10
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K41749.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2031	0.1773		17.5	20.0	-12.7	20.0
2-Butanone (MEK)	QuaF		0.3717	0.0500	100	100	0.0	50.0
Ethyl acetate	Ave	0.3444	0.3031		35.2	40.0	-12.0	20.0
Propionitrile	Ave	4.285	4.518		211	200	5.4	20.0
Methyl acrylate	Ave	0.3065	0.3237		21.1	20.0	5.6	20.0
Methacrylonitrile	Ave	0.1117	0.1188		213	200	6.4	20.0
Chlorobromomethane	Ave	0.1736	0.1853		21.3	20.0	6.7	20.0
Tetrahydrofuran	QuaF		0.4512		42.9	40.0	7.2	20.0
Chloroform	Ave	0.5415	0.5536	0.2000	20.4	20.0	2.2	20.0
1,1,1-Trichloroethane	Ave	0.5346	0.5145	0.1000	19.2	20.0	-3.8	20.0
Cyclohexane	Ave	0.5381	0.5556	0.1000	20.6	20.0	3.2	50.0
1,1-Dichloropropene	Ave	0.4107	0.4222		20.6	20.0	2.8	20.0
Carbon tetrachloride	Ave	0.4630	0.4174	0.1000	18.0	20.0	-9.8	20.0
Benzene	Ave	1.669	1.813	0.5000	21.7	20.0	8.6	20.0
Isobutyl alcohol	Ave	0.4524	0.4233		468	500	-6.4	50.0
1,2-Dichloroethane	Ave	0.4064	0.3530	0.1000	17.4	20.0	-13.1	20.0
Isopropyl acetate	Ave	0.1097	0.1111		20.3	20.0	1.3	20.0
Isooctane	Ave	1.243	1.149		18.5	20.0	-7.5	20.0
Tert-amyl methyl ether	Ave	0.9764	0.9867		20.2	20.0	1.0	20.0
n-Heptane	QuaF		0.4336		18.2	20.0	-8.8	20.0
n-Butanol	Ave	1.149	0.7534		328	500	-34.4	50.0
Trichloroethene	Ave	0.3256	0.3070	0.2000	18.9	20.0	-5.7	20.0
Ethyl acrylate	Ave	0.3206	0.2698		16.8	20.0	-15.8	20.0
Methylcyclohexane	Ave	0.6537	0.6104	0.1000	18.7	20.0	-6.6	50.0
1,2-Dichloropropane	Ave	0.3102	0.3154	0.1000	20.3	20.0	1.7	20.0
Dibromomethane	Ave	0.1822	0.1746		19.2	20.0	-4.1	20.0
Methyl methacrylate	Ave	0.1929	0.1675		34.7	40.0	-13.1	20.0
1,4-Dioxane	QuaF		1.576		478	400	19.4	50.0
n-Propyl acetate	Ave	0.4110	0.3276		15.9	20.0	-20.3*	20.0
Dichlorobromomethane	Ave	0.4180	0.3683	0.2000	17.6	20.0	-11.9	20.0
2-Nitropropane	Ave	0.0897	0.0464		20.7	40.0	-48.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.0143	0.0335		47.1	20.0	135.0*	20.0
Epichlorohydrin	Ave	0.3020	0.2639		350	400	-12.6	20.0
cis-1,3-Dichloropropene	Ave	0.6620	0.5917	0.2000	17.9	20.0	-10.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.042	2.740	0.0500	90.1	100	-9.9	50.0
Toluene	Ave	1.833	1.797	0.4000	19.6	20.0	-1.9	20.0
trans-1,3-Dichloropropene	Ave	0.5863	0.4638	0.1000	15.8	20.0	-20.9	50.0
Ethyl methacrylate	Ave	0.5176	0.4187		16.2	20.0	-19.1	20.0
1,1,2-Trichloroethane	Ave	0.2850	0.2813	0.1000	19.7	20.0	-1.3	20.0
Tetrachloroethene	Ave	0.4672	0.4214	0.2000	18.0	20.0	-9.8	20.0
1,3-Dichloropropane	Ave	0.5353	0.5534		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883192/2 Calibration Date: 12/14/2022 17:10
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K41749.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.929	1.599	0.0500	82.9	100	-17.1	50.0
Chlorodibromomethane	Ave	0.4087	0.3455	0.1000	16.9	20.0	-15.5	50.0
n-Butyl acetate	Ave	0.5491	0.4547		16.6	20.0	-17.2	20.0
Ethylene Dibromide	Ave	0.3618	0.3363	0.1000	18.6	20.0	-7.0	20.0
Chlorobenzene	Ave	1.139	1.132	0.5000	19.9	20.0	-0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4737	0.4201		17.7	20.0	-11.3	20.0
Ethylbenzene	Ave	0.6707	0.6452	0.1000	19.2	20.0	-3.8	20.0
m-Xylene & p-Xylene	Ave	0.8052	0.7782	0.1000	19.3	20.0	-3.4	20.0
o-Xylene	Ave	0.8708	0.8223	0.3000	18.9	20.0	-5.6	20.0
Styrene	Ave	1.305	1.189	0.3000	18.2	20.0	-8.8	20.0
n-Butyl acrylate	Ave	0.3117	0.2653		17.0	20.0	-14.9	20.0
Bromoform	Ave	0.2800	0.2102	0.1000	15.0	20.0	-24.9*	20.0
Amyl acetate (mixed isomers)	QuaF		0.8274		18.8	20.0	-6.2	20.0
Isopropylbenzene	Ave	2.284	2.191	0.1000	19.2	20.0	-4.1	20.0
Bromobenzene	Ave	0.8804	0.7840		17.8	20.0	-11.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9013	0.9323	0.3000	20.7	20.0	3.4	20.0
1,2,3-Trichloropropane	Ave	0.2335	0.2395		20.5	20.0	2.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2282	0.1795		15.7	20.0	-21.3*	20.0
N-Propylbenzene	Ave	4.445	4.376		19.7	20.0	-1.6	20.0
2-Chlorotoluene	Ave	2.671	2.435		18.2	20.0	-8.8	20.0
4-Ethyltoluene	Ave	3.827	3.569		18.7	20.0	-6.7	20.0
4-Chlorotoluene	Ave	2.911	2.683		18.4	20.0	-7.8	20.0
1,3,5-Trimethylbenzene	Ave	3.422	3.183		18.6	20.0	-7.0	20.0
Butyl Methacrylate	Ave	0.9708	0.7720		15.9	20.0	-20.5*	20.0
tert-Butylbenzene	Ave	2.777	2.296		16.5	20.0	-17.3	20.0
1,2,4-Trimethylbenzene	Ave	3.617	3.288		18.2	20.0	-9.1	20.0
sec-Butylbenzene	Ave	4.460	4.104		18.4	20.0	-8.0	20.0
1,3-Dichlorobenzene	Ave	1.795	1.619	0.6000	18.0	20.0	-9.8	20.0
4-Isopropyltoluene	Ave	3.903	3.601		18.5	20.0	-7.7	20.0
1,4-Dichlorobenzene	Ave	1.759	1.676	0.5000	19.1	20.0	-4.7	20.0
1,2,3-Trimethylbenzene	Ave	3.708	3.519		19.0	20.0	-5.1	20.0
Benzyl chloride	Ave	1.862	1.268		13.6	20.0	-31.9	50.0
Indan	Ave	3.392	3.423		20.2	20.0	0.9	20.0
1,2-Dichlorobenzene	Ave	1.749	1.728	0.4000	19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	2.463	2.200		17.9	20.0	-10.7	20.0
n-Butylbenzene	Ave	2.066	2.017		19.5	20.0	-2.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.905	3.325		17.0	20.0	-14.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2453	0.2080	0.0500	17.0	20.0	-15.2	50.0
1,3,5-Trichlorobenzene	Ave	1.601	1.408		17.6	20.0	-12.1	20.0
1,2,4-Trichlorobenzene	Ave	1.584	1.274	0.2000	16.1	20.0	-19.6	20.0
Hexachlorobutadiene	Ave	0.7444	0.4984		13.4	20.0	-33.1*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883192/2 Calibration Date: 12/14/2022 17:10
 Instrument ID: CVOAMS9 Calib Start Date: 11/18/2022 15:37
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 11/18/2022 17:30
 Lab File ID: K41749.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Lin2		3.504		19.4	20.0	-2.9	50.0
1,2,3-Trichlorobenzene	Ave	1.526	1.326		17.4	20.0	-13.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2580	0.2802		54.3	50.0	8.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2707	0.2773		51.2	50.0	2.4	20.0
Toluene-d8 (Surr)	Ave	1.422	1.509		53.1	50.0	6.1	20.0
4-Bromofluorobenzene	Ave	0.4352	0.4148		47.7	50.0	-4.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 14-Dec-2022 17:10:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0154493-002
 Operator ID: Instrument ID: CVOAMS9
 Sublist: chrom-8260S9*sub46
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:46:05 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: NN6A Date: 15-Dec-2022 13:44:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.142	1.142	0.000	90	48385	NC	NC	
2 Chlorotrifluoroethene	116	1.153	1.153	0.000	55	43335	20.0	19.0	
4 Dichlorodifluoromethane	85	1.176	1.176	0.000	57	120050	20.0	16.4	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	95	21123	20.0	21.9	
6 Chloromethane	50	1.302	1.302	0.000	98	143751	20.0	19.5	
7 Butadiene	54	1.370	1.370	0.000	92	90747	20.0	19.3	
8 Vinyl chloride	62	1.382	1.382	0.000	71	98720	20.0	19.3	
9 Bromomethane	94	1.576	1.576	0.000	97	84101	20.0	21.4	
10 Chloroethane	64	1.622	1.622	0.000	80	65776	20.0	22.3	
11 Dichlorofluoromethane	67	1.759	1.759	0.000	98	168496	20.0	23.4	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	49	115424	20.0	18.6	M
13 Pentane	72	1.805	1.805	0.000	98	33761	40.0	51.8	
24 Isopropyl alcohol	45	2.273	2.273	0.000	26	37174	200.0	179.6	Ma
15 Ethyl ether	59	1.953	1.953	0.000	92	46045	20.0	19.4	
16 2-Methyl-1,3-butadiene	53	1.965	1.965	0.000	86	60366	20.0	20.0	
14 Ethanol	46	1.987	1.987	0.000	65	9452	800.0	436.3	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.999	1.999	0.000	79	68632	20.0	20.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.022	2.022	0.000	96	108502	20.0	20.6	a
19 Acrolein	56	2.045	2.045	0.000	95	144213	300.0	295.2	
21 1,1-Dichloroethene	96	2.113	2.113	0.000	97	67935	20.0	22.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.147	2.147	0.000	91	86080	20.0	21.3	
22 Acetone	43	2.159	2.159	0.000	87	114339	100.0	100.1	
23 Iodomethane	142	2.227	2.227	0.000	96	134743	20.0	20.8	
25 Carbon disulfide	76	2.273	2.273	0.000	99	273141	20.0	23.0	
26 3-Chloro-1-propene	39	2.365	2.365	0.000	92	76790	20.0	16.7	
27 Methyl acetate	43	2.387	2.387	0.000	99	92610	40.0	47.5	
28 Cyclopentene	67	2.433	2.433	0.000	96	150095	20.0	20.5	
29 Acetonitrile	39	2.433	2.433	0.000	36	50014	200.0	206.9	a
31 Methylene Chloride	84	2.456	2.456	0.000	91	80875	20.0	23.2	
* 30 TBA-d9 (IS)	46	2.548	2.548	0.000	94	111089	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.593	2.593	0.000	91	95099	200.0	179.1	a
35 Acrylonitrile	53	2.639	2.639	0.000	96	242303	200.0	224.8	
34 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	92	74820	20.0	21.6	
33 Methyl tert-butyl ether	73	2.673	2.673	0.000	97	202757	20.0	20.0	
36 Hexane	43	2.879	2.879	0.000	93	54388	20.0	18.6	
38 1,1-Dichloroethane	63	2.993	2.993	0.000	100	124764	20.0	21.5	
39 Vinyl acetate	86	3.039	3.039	0.000	99	19269	40.0	32.1	
37 Isopropyl ether	45	3.062	3.062	0.000	84	210674	20.0	20.1	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	81	63529	20.0	20.9	
41 Tert-butyl ethyl ether	87	3.359	3.359	0.000	91	84204	20.0	19.6	
* 42 2-Butanone-d5	46	3.450	3.450	0.000	74	270213	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.485	3.485	0.000	96	76046	20.0	19.6	
43 2,2-Dichloropropane	79	3.508	3.508	0.000	87	37902	20.0	17.5	
46 2-Butanone (MEK)	72	3.508	3.508	0.000	97	40171	100.0	100.0	
45 Ethyl acetate	70	3.542	3.542	0.000	98	13105	40.0	35.2	
48 Propionitrile	54	3.553	3.553	0.000	91	100371	200.0	210.9	a
47 Methyl acrylate	55	3.588	3.588	0.000	77	69179	20.0	21.1	M
51 Methacrylonitrile	67	3.690	3.690	0.000	90	253966	200.0	212.7	
50 Chlorobromomethane	128	3.702	3.702	0.000	90	39612	20.0	21.3	
49 Tetrahydrofuran	72	3.759	3.759	0.000	66	19509	40.0	42.9	
52 Chloroform	83	3.782	3.782	0.000	98	118316	20.0	20.4	
\$ 55 Dibromofluoromethane (Surr)	113	3.931	3.931	0.000	95	149723	50.0	54.3	
54 1,1,1-Trichloroethane	97	3.965	3.965	0.000	99	109972	20.0	19.2	
53 Cyclohexane	84	4.022	4.022	0.000	91	118751	20.0	20.6	
57 1,1-Dichloropropene	75	4.113	4.113	0.000	98	90248	20.0	20.6	
56 Carbon tetrachloride	117	4.113	4.113	0.000	94	89222	20.0	18.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.251	4.251	0.000	0	148162	50.0	51.2	
60 Benzene	78	4.308	4.308	0.000	94	273920	20.0	21.7	
58 Isobutyl alcohol	74	4.308	4.308	0.000	92	23513	500.0	467.9	
64 1,2-Dichloroethane	62	4.331	4.331	0.000	95	75446	20.0	17.4	
62 Isopropyl acetate	61	4.399	4.399	0.000	90	23739	20.0	20.3	a
59 Isooctane	57	4.411	4.411	0.000	91	245628	20.0	18.5	
63 Tert-amyl methyl ether	73	4.445	4.445	0.000	99	210885	20.0	20.2	
* 66 Fluorobenzene	96	4.593	4.593	0.000	99	534329	50.0	50.0	
65 n-Heptane	43	4.605	4.605	0.000	91	92668	20.0	18.2	
68 n-Butanol	56	4.936	4.936	0.000	30	41847	500.0	327.8	
69 Trichloroethene	95	4.982	4.982	0.000	99	65619	20.0	18.9	
70 Ethyl acrylate	55	5.119	5.119	0.000	98	57664	20.0	16.8	
71 Methylcyclohexane	83	5.211	5.211	0.000	93	130455	20.0	18.7	
72 1,2-Dichloropropane	63	5.233	5.233	0.000	92	67412	20.0	20.3	
* 73 1,4-Dioxane-d8	96	5.336	5.336	0.000	43	30687	1000.0	1000.0	
77 Dibromomethane	93	5.359	5.359	0.000	95	37325	20.0	19.2	
74 Methyl methacrylate	69	5.394	5.394	0.000	85	71615	40.0	34.7	
75 1,4-Dioxane	88	5.405	5.405	0.000	32	19342	400.0	477.7	
76 n-Propyl acetate	43	5.474	5.474	0.000	98	70010	20.0	15.9	
78 Dichlorobromomethane	83	5.554	5.554	0.000	99	78712	20.0	17.6	
79 2-Nitropropane	41	5.839	5.839	0.000	93	19839	40.0	20.7	
67 2-Chloroethyl vinyl ether	63	5.931	5.931	0.000	32	7183	20.0	47.1	
80 Epichlorohydrin	57	5.999	5.999	0.000	99	114087	400.0	349.5	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	91	89417	20.0	17.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	296167	100.0	90.1	
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	99	570268	50.0	53.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.525	6.525	0.000	93	271629	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	96	70086	20.0	15.8	
86 Ethyl methacrylate	69	7.005	7.005	0.000	89	63279	20.0	16.2	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	95	42507	20.0	19.7	
88 Tetrachloroethene	166	7.257	7.257	0.000	96	63679	20.0	18.0	
89 1,3-Dichloropropane	76	7.291	7.291	0.000	92	83635	20.0	20.7	
90 2-Hexanone	43	7.462	7.462	0.000	97	172865	100.0	82.9	
92 Chlorodibromomethane	129	7.599	7.599	0.000	97	52211	20.0	16.9	
91 n-Butyl acetate	43	7.679	7.679	0.000	98	68706	20.0	16.6	
93 Ethylene Dibromide	107	7.737	7.737	0.000	100	50823	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	84	377790	50.0	50.0	
95 Chlorobenzene	112	8.480	8.480	0.000	98	171044	20.0	19.9	
97 1,1,1,2-Tetrachloroethane	131	8.617	8.617	0.000	96	63485	20.0	17.7	
96 Ethylbenzene	106	8.674	8.674	0.000	98	97507	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	117600	20.0	19.3	
100 o-Xylene	106	9.337	9.337	0.000	95	124263	20.0	18.9	
101 Styrene	104	9.360	9.360	0.000	96	179749	20.0	18.2	
99 n-Butyl acrylate	73	9.371	9.371	0.000	96	40095	20.0	17.0	
103 Bromoform	173	9.531	9.531	0.000	95	31771	20.0	15.0	
102 Amyl acetate (mixed isomers)	43	9.645	9.645	0.000	93	74283	20.0	18.8	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	331114	20.0	19.2	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	91	156720	50.0	47.7	
106 Bromobenzene	156	10.045	10.045	0.000	93	70384	20.0	17.8	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	98	83700	20.0	20.7	
109 1,2,3-Trichloropropane	110	10.114	10.114	0.000	97	21502	20.0	20.5	
110 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	84	16119	20.0	15.7	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	392880	20.0	19.7	
111 2-Chlorotoluene	91	10.251	10.251	0.000	97	218626	20.0	18.2	
112 4-Ethyltoluene	105	10.308	10.308	0.000	100	320428	20.0	18.7	
114 4-Chlorotoluene	91	10.365	10.365	0.000	97	240887	20.0	18.4	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	285712	20.0	18.6	
115 Butyl Methacrylate	87	10.503	10.503	0.000	92	69310	20.0	15.9	
116 tert-Butylbenzene	119	10.674	10.674	0.000	94	206104	20.0	16.5	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	97	295187	20.0	18.2	
118 sec-Butylbenzene	105	10.868	10.868	0.000	99	368458	20.0	18.4	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	98	145363	20.0	18.0	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.005	0.000	96	224439	50.0	50.0	
119 4-Isopropyltoluene	119	11.005	11.005	0.000	97	323253	20.0	18.5	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	97	150468	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	11.085	11.085	0.000	97	315936	20.0	19.0	
124 Benzyl chloride	91	11.154	11.154	0.000	99	113821	20.0	13.6	
125 2,3-Dihydroindene	117	11.246	11.246	0.000	94	307283	20.0	20.2	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	96	155150	20.0	19.8	
126 p-Diethylbenzene	119	11.337	11.337	0.000	94	197526	20.0	17.9	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	181070	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	298526	20.0	17.0	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.954	0.000	92	18672	20.0	17.0	
131 1,3,5-Trichlorobenzene	180	12.114	12.114	0.000	96	126360	20.0	17.6	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	95	114334	20.0	16.1	
133 Hexachlorobutadiene	225	12.697	12.697	0.000	89	44742	20.0	13.4	
134 Naphthalene	128	12.743	12.743	0.000	100	314578	20.0	19.4	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	119027	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 139 Total BTEX	1				0		100.0	98.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00506	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00163	Amount Added: 2.00	Units: uL	
ACROLEIN W_00147	Amount Added: 3.00	Units: uL	
524freon_00060	Amount Added: 2.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D

Injection Date: 14-Dec-2022 17:10:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

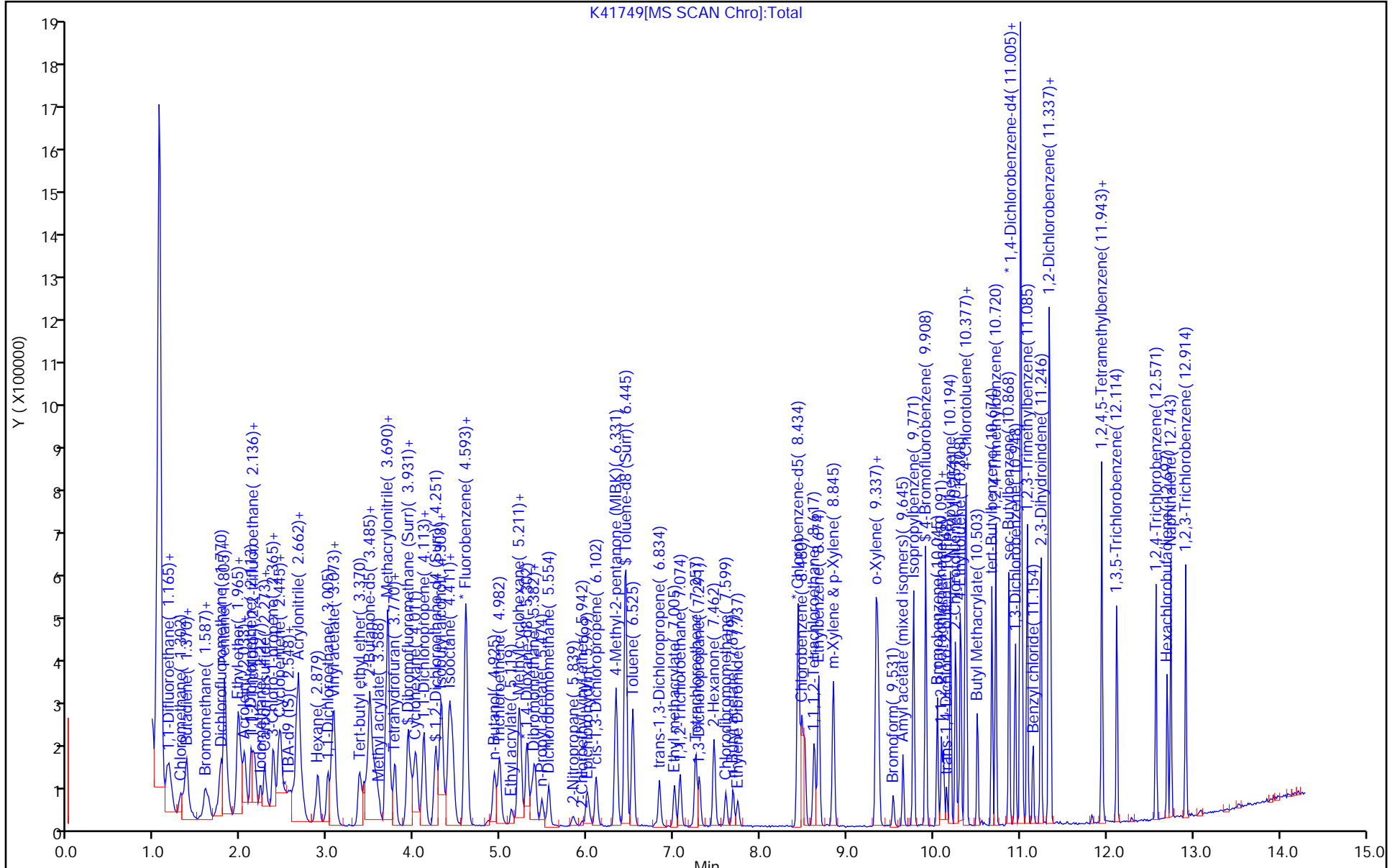
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

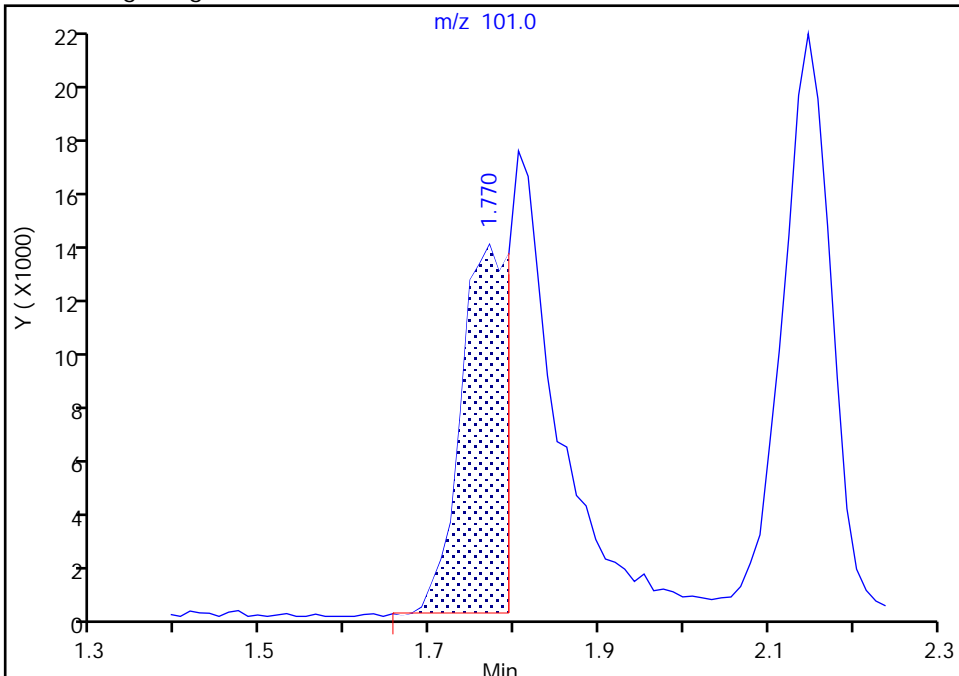
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

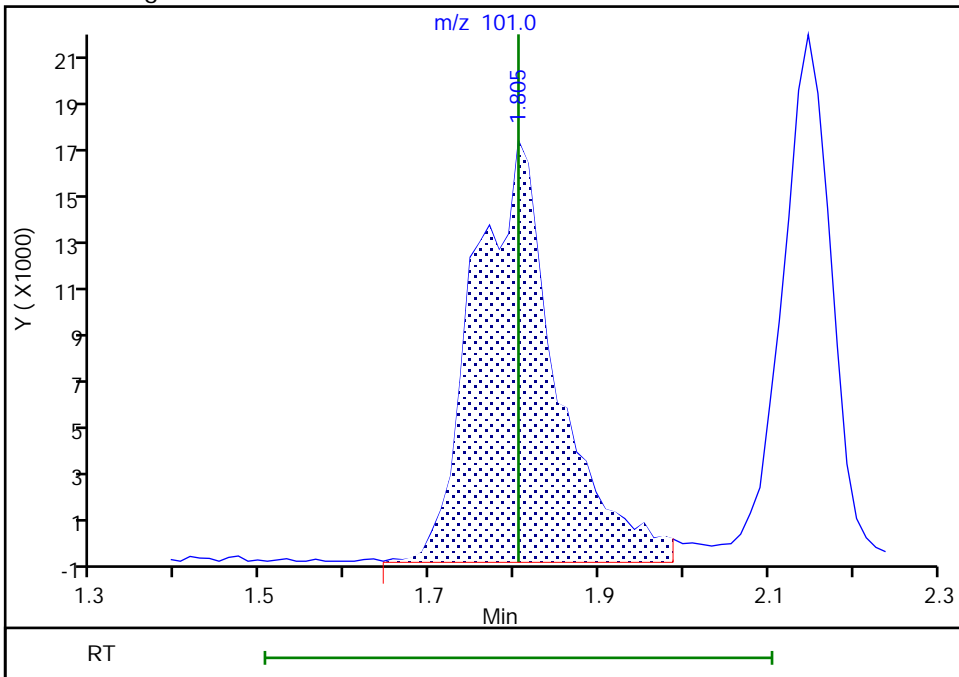
RT: 1.77
Area: 53381
Amount: 8.605749
Amount Units: ug/l

Processing Integration Results



RT: 1.80
Area: 115424
Amount: 18.607931
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 14-Dec-2022 17:29:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

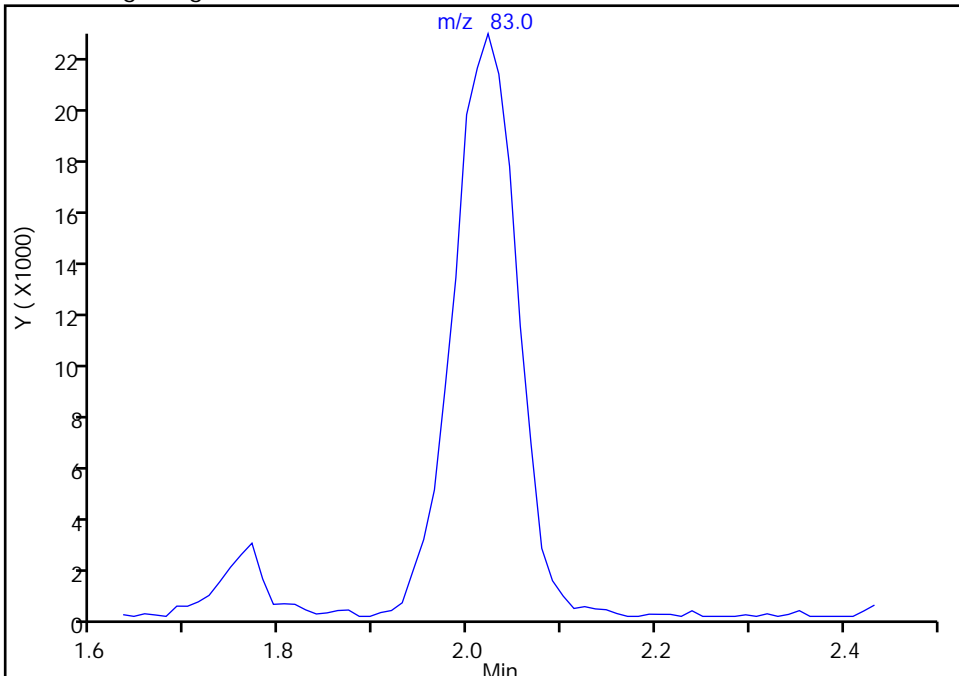
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

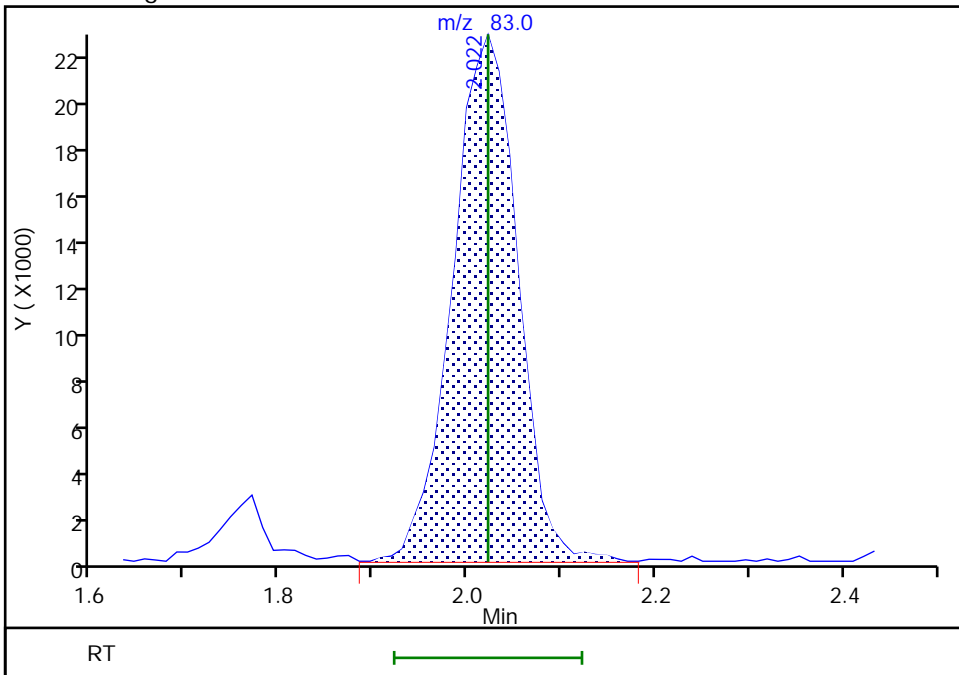
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 108502
Amount: 20.626851
Amount Units: ug/l



Reviewer: C1JX, 14-Dec-2022 17:30:07
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

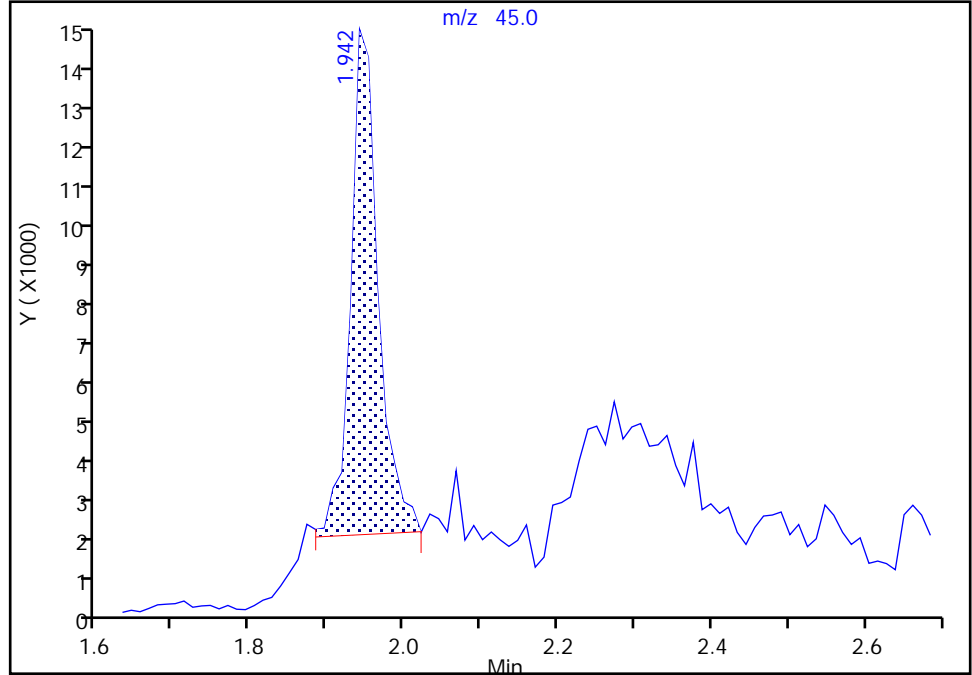
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

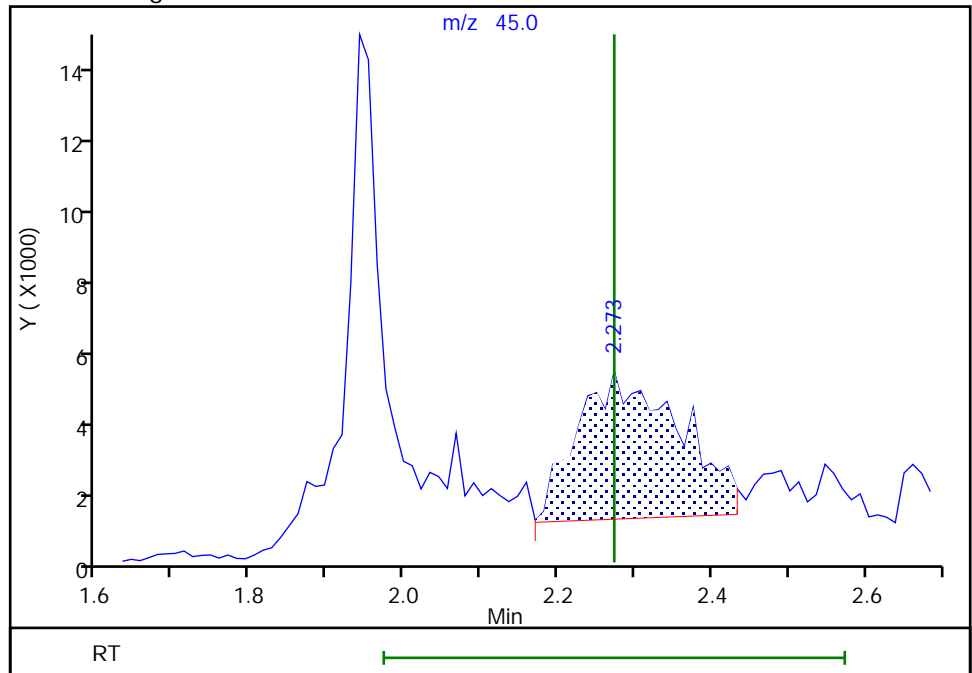
RT: 1.94
Area: 30765
Amount: 148.6324
Amount Units: ug/l

Processing Integration Results



RT: 2.27
Area: 37174
Amount: 179.5957
Amount Units: ug/l

Manual Integration Results



Reviewer: NN6A, 15-Dec-2022 13:45:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 324 of 617

Eurofins Edison

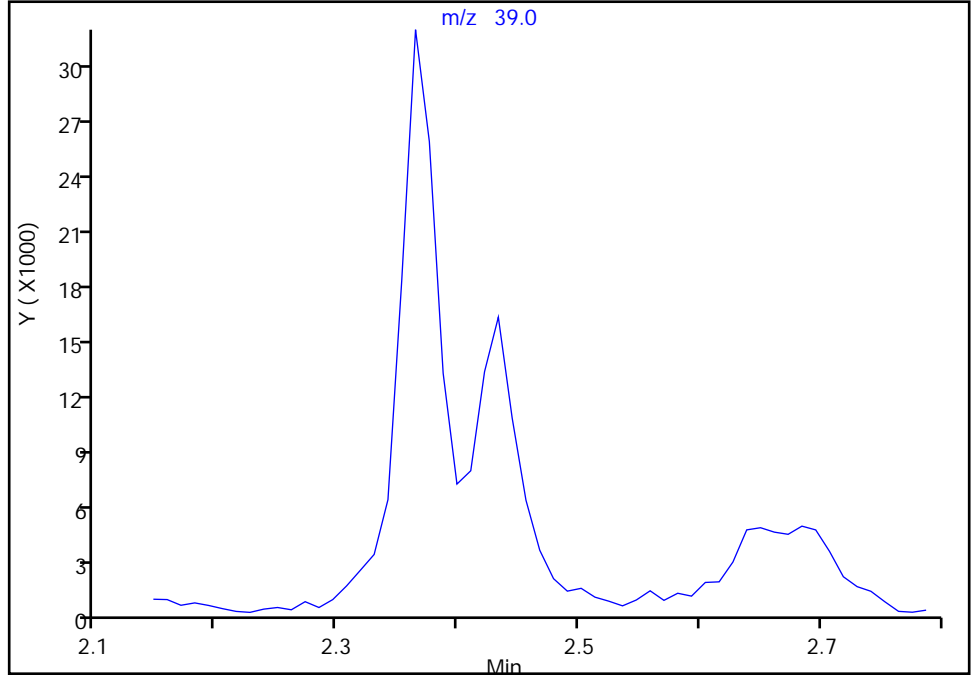
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

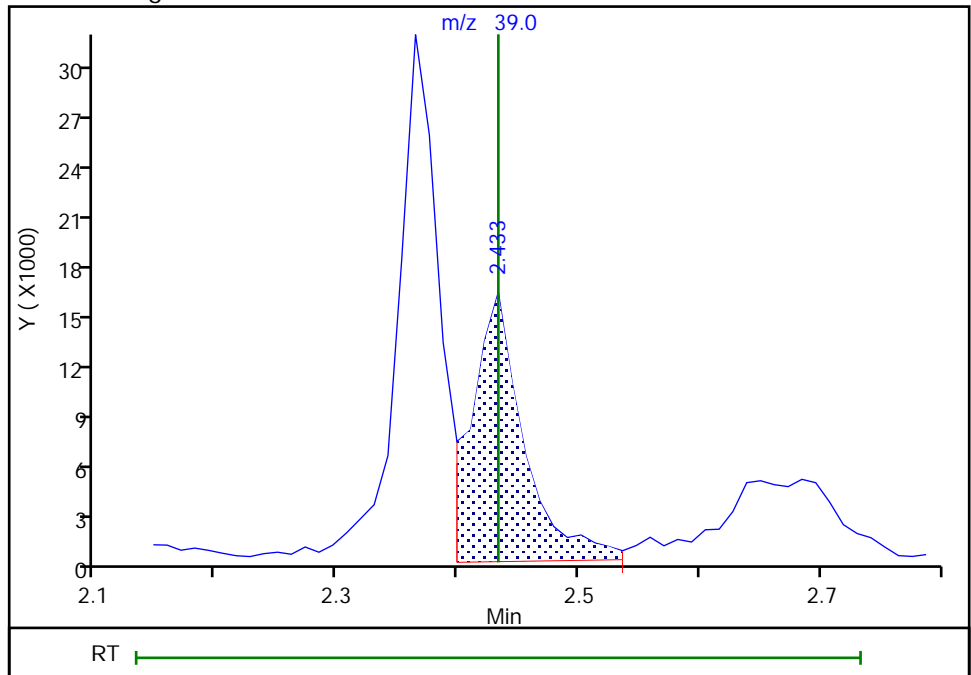
Not Detected
Expected RT: 2.43

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 50014
Amount: 206.8807
Amount Units: ug/l



Reviewer: C1JX, 14-Dec-2022 17:30:19
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

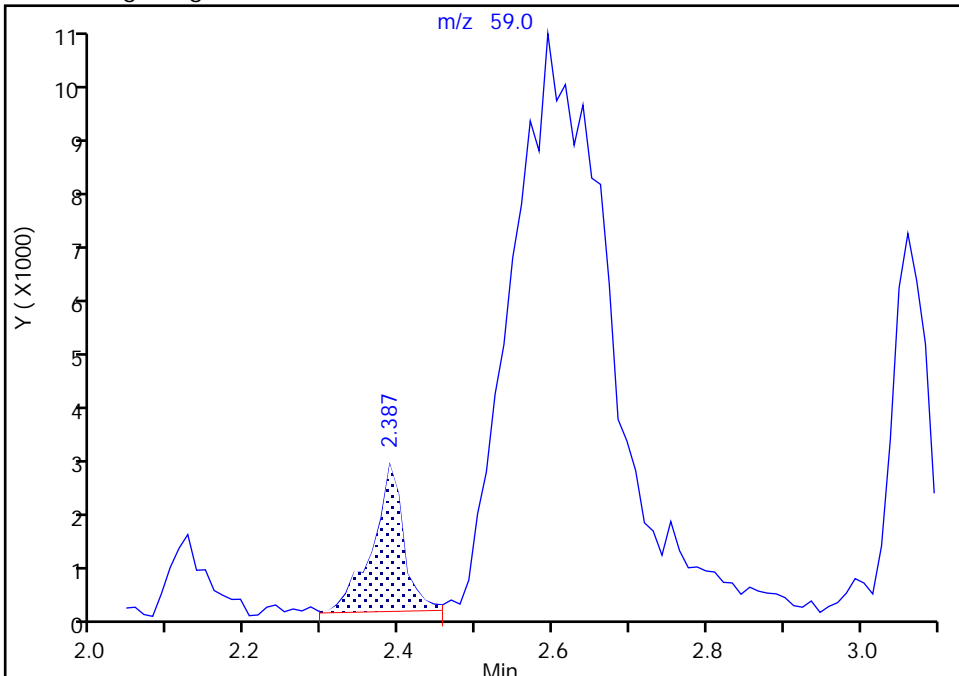
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

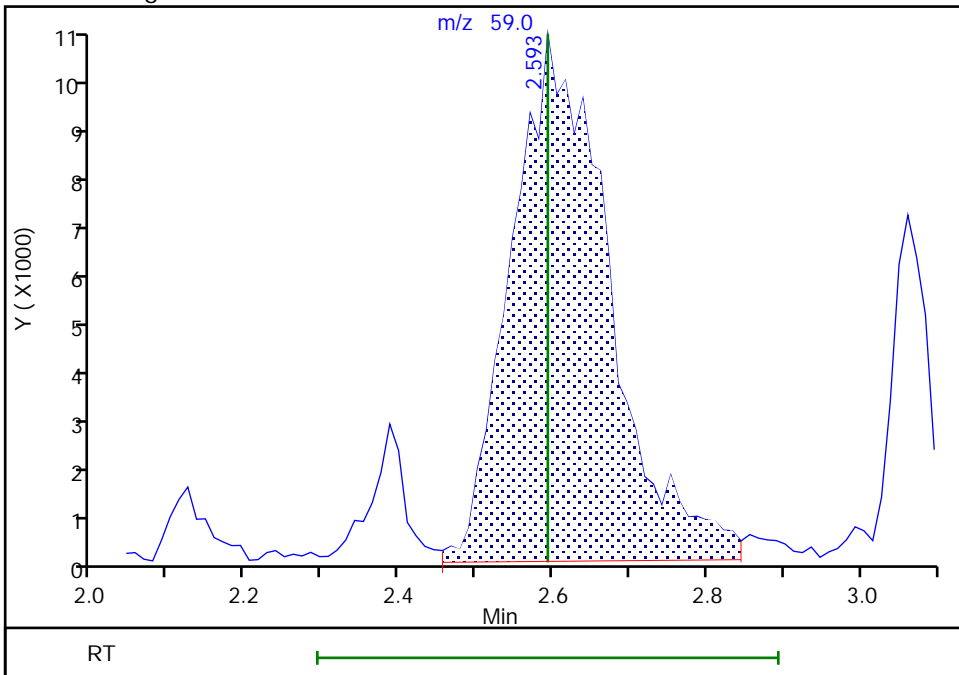
RT: 2.39
Area: 7839
Amount: 14.767041
Amount Units: ug/l

Processing Integration Results



RT: 2.59
Area: 95099
Amount: 179.1467
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 14-Dec-2022 17:30:14
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

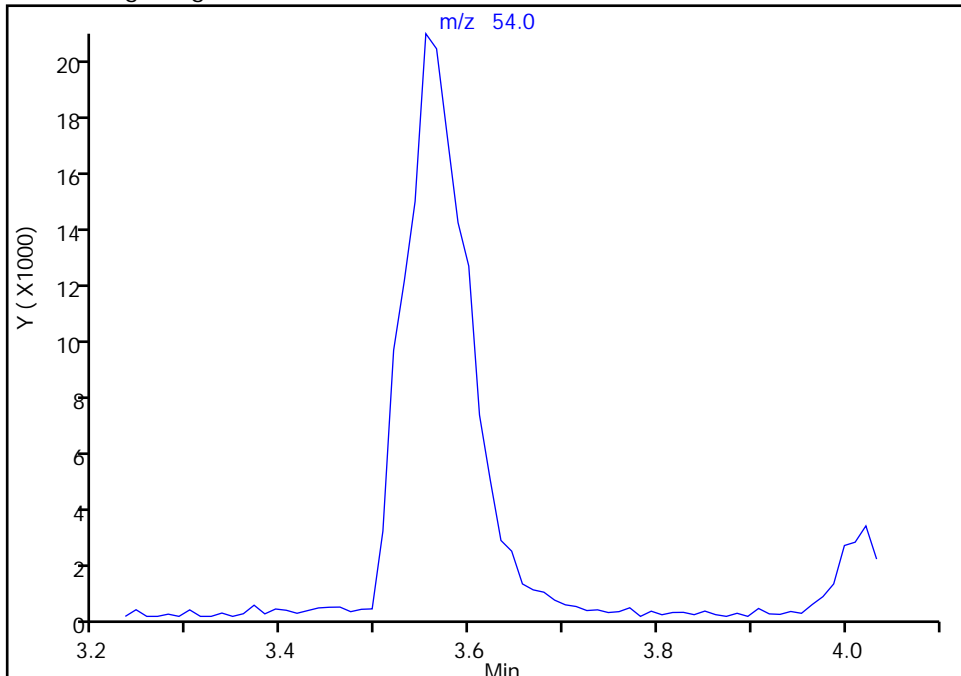
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

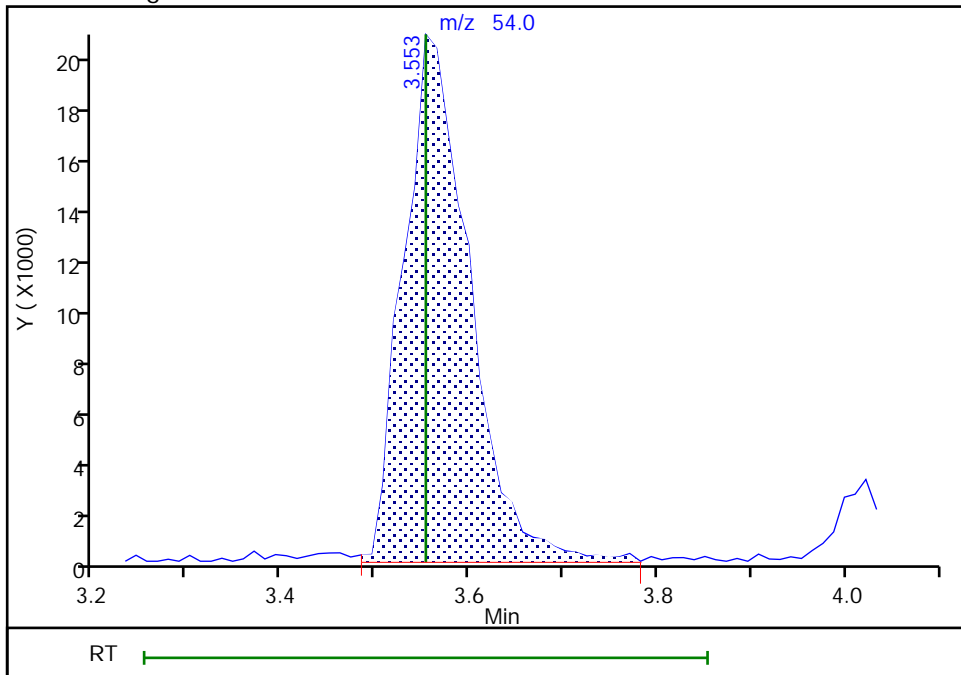
Not Detected
Expected RT: 3.55

Processing Integration Results



Manual Integration Results

RT: 3.55
Area: 100371
Amount: 210.8645
Amount Units: ug/l



Reviewer: C1JX, 14-Dec-2022 17:30:32
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

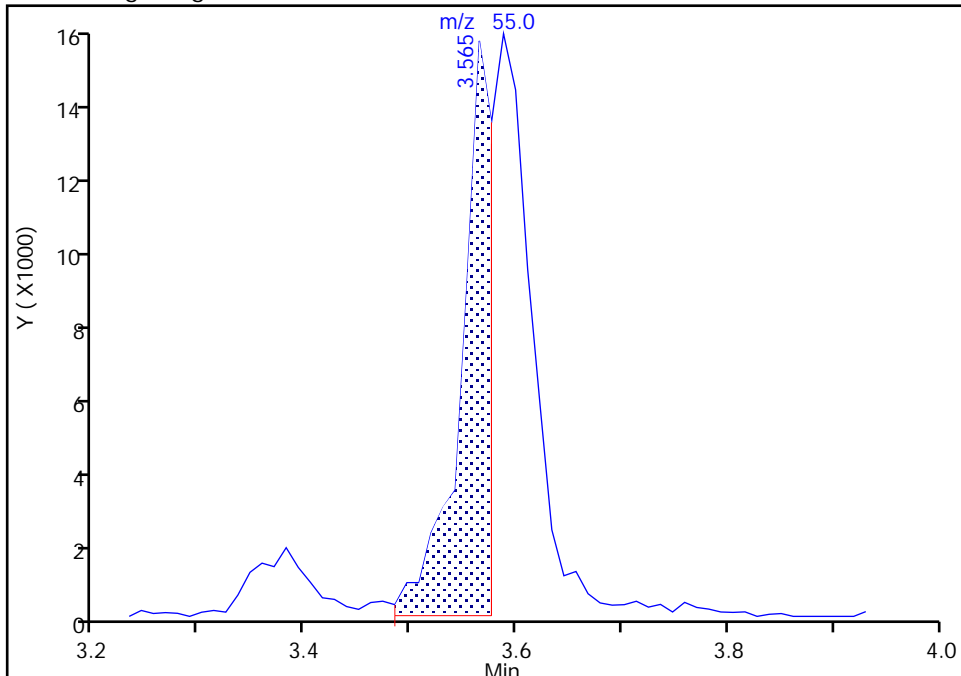
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

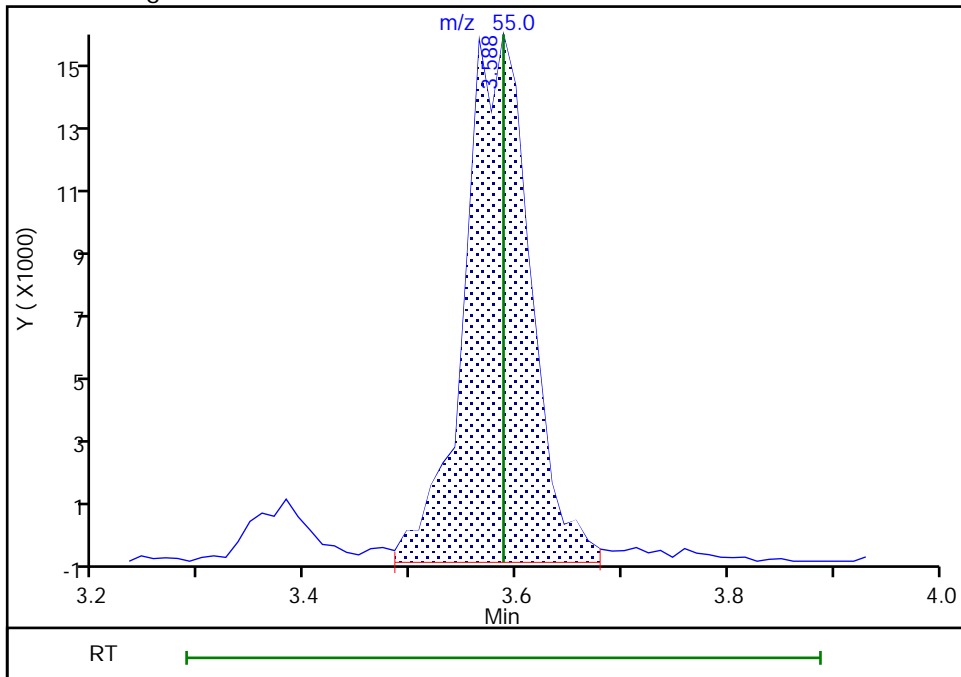
RT: 3.56
Area: 33897
Amount: 10.347830
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 69179
Amount: 21.118464
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 14-Dec-2022 17:31:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

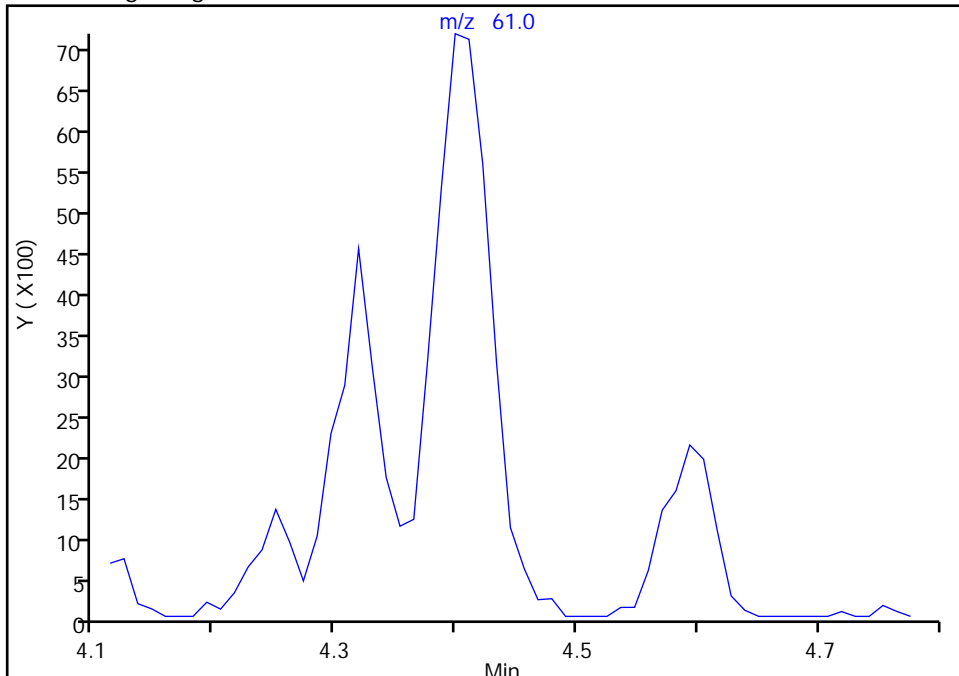
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41749.D
Injection Date: 14-Dec-2022 17:10:30 Instrument ID: CVOAMS9
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

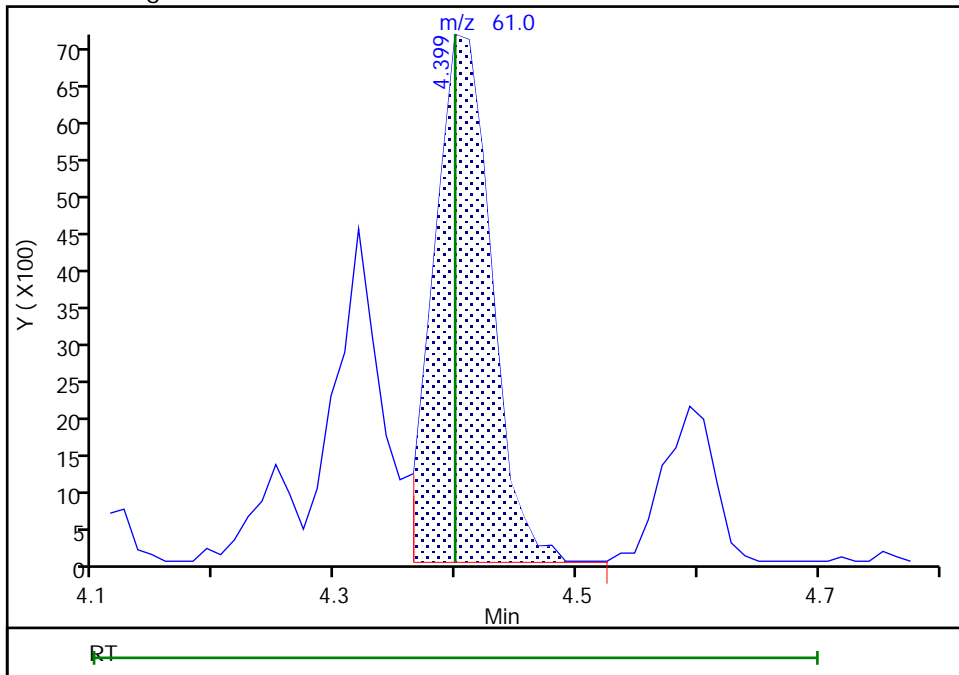
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 23739
Amount: 20.254686
Amount Units: ug/l



Reviewer: C1JX, 14-Dec-2022 17:31:12
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40801.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 18-Nov-2022 14:52:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0153407-001
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 19-Nov-2022 08:56:22 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1655

First Level Reviewer: RD6L Date: 18-Nov-2022 14:59:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 140 BFB	95	2.919	2.919	0.000	94	83651	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

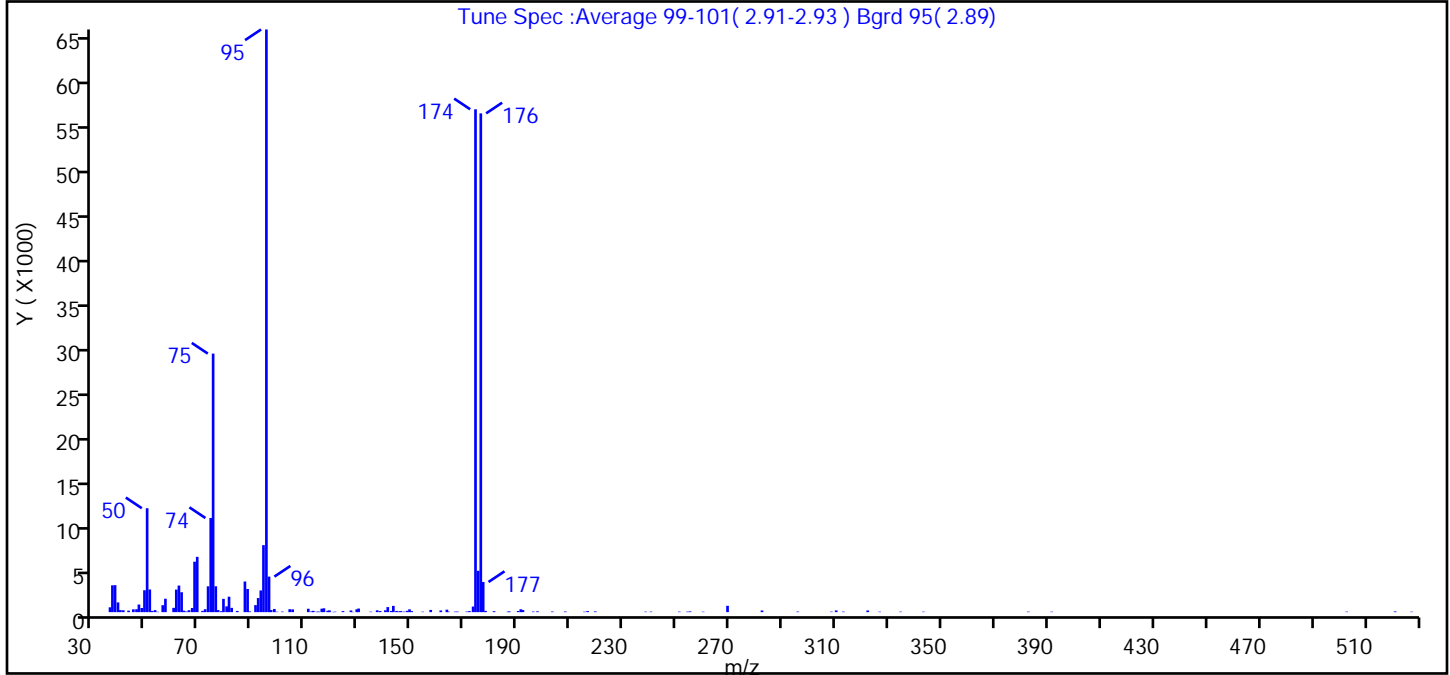
Reagents:

BFB_00032 Amount Added: 1.00 Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40801.D
 Injection Date: 18-Nov-2022 14:52:30 Instrument ID: CVOAMS9
 Lims ID: BFB
 Client ID:
 Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
 Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.8
75	30 to 60% of m/z 95	44.4
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	1.0 (1.1)
174	50 to 120% of m/z 95	86.3
175	5 to 9% of m/z 174	7.1 (8.2)
176	Greater than 95% but less than 101% of m/z 174	85.6 (99.2)
177	5 to 9% of m/z 176	5.2 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40801.D\8260S9.rslt\spectra.d
Injection Date: 18-Nov-2022 14:52:30
Spectrum: Tune Spec :Average 99-101(2.91-2.93) Bgrd 95(2.89)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	541	76.00	2894	124.00	117	181.00	105
37.00	3003	77.00	230	127.00	186	186.00	60
38.00	3019	78.00	105	128.00	25	187.00	70
39.00	1089	79.00	1487	129.00	320	190.00	123
40.00	227	80.00	646	130.00	403	191.00	321
41.00	212	81.00	1728	134.00	54	192.00	231
43.00	168	82.00	480	137.00	205	196.00	66
45.00	314	84.00	131	138.00	124	197.00	92
46.00	326	87.00	3428	140.00	207	203.00	70
47.00	851	88.00	2593	141.00	565	208.00	71
48.00	466	89.00	82	142.00	134	215.00	51
49.00	2449	91.00	788	143.00	701	216.00	118
50.00	11627	92.00	1578	144.00	135	219.00	82
51.00	2534	93.00	2429	145.00	77	238.00	55
52.00	137	94.00	7498	146.00	119	240.00	58
53.00	225	95.00	65192	147.00	59	251.00	56
54.00	40	96.00	3974	148.00	149	254.00	58
56.00	778	97.00	234	149.00	313	255.00	82
57.00	1500	98.00	357	150.00	115	260.00	50
60.00	481	99.00	46	154.00	51	269.00	710
61.00	2524	101.00	64	157.00	250	282.00	185
62.00	2974	104.00	328	161.00	187	296.00	66
63.00	2228	105.00	310	163.00	276	308.00	56
64.00	159	111.00	380	164.00	60	310.00	192
65.00	77	112.00	76	166.00	57	313.00	63
66.00	217	113.00	143	167.00	60	322.00	188
67.00	464	114.00	50	171.00	61	326.00	52
68.00	5644	115.00	66	172.00	115	334.00	56
69.00	6187	116.00	386	173.00	626	343.00	51
71.00	138	117.00	429	174.00	56264	383.00	60
72.00	327	118.00	152	175.00	4629	391.00	52
73.00	2890	119.00	198	176.00	55808	503.00	57
74.00	10532	120.00	26	177.00	3375	521.00	84

Report Date: 19-Nov-2022 08:56:22

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40801.D\8260S9.rslt\spectra.d

Injection Date: 18-Nov-2022 14:52:30

Spectrum: Tune Spec :Average 99-101(2.91-2.93) Bgrd 95(2.89)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	28928	121.00	51	178.00	141	527.00	50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40801.D

Injection Date: 18-Nov-2022 14:52:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

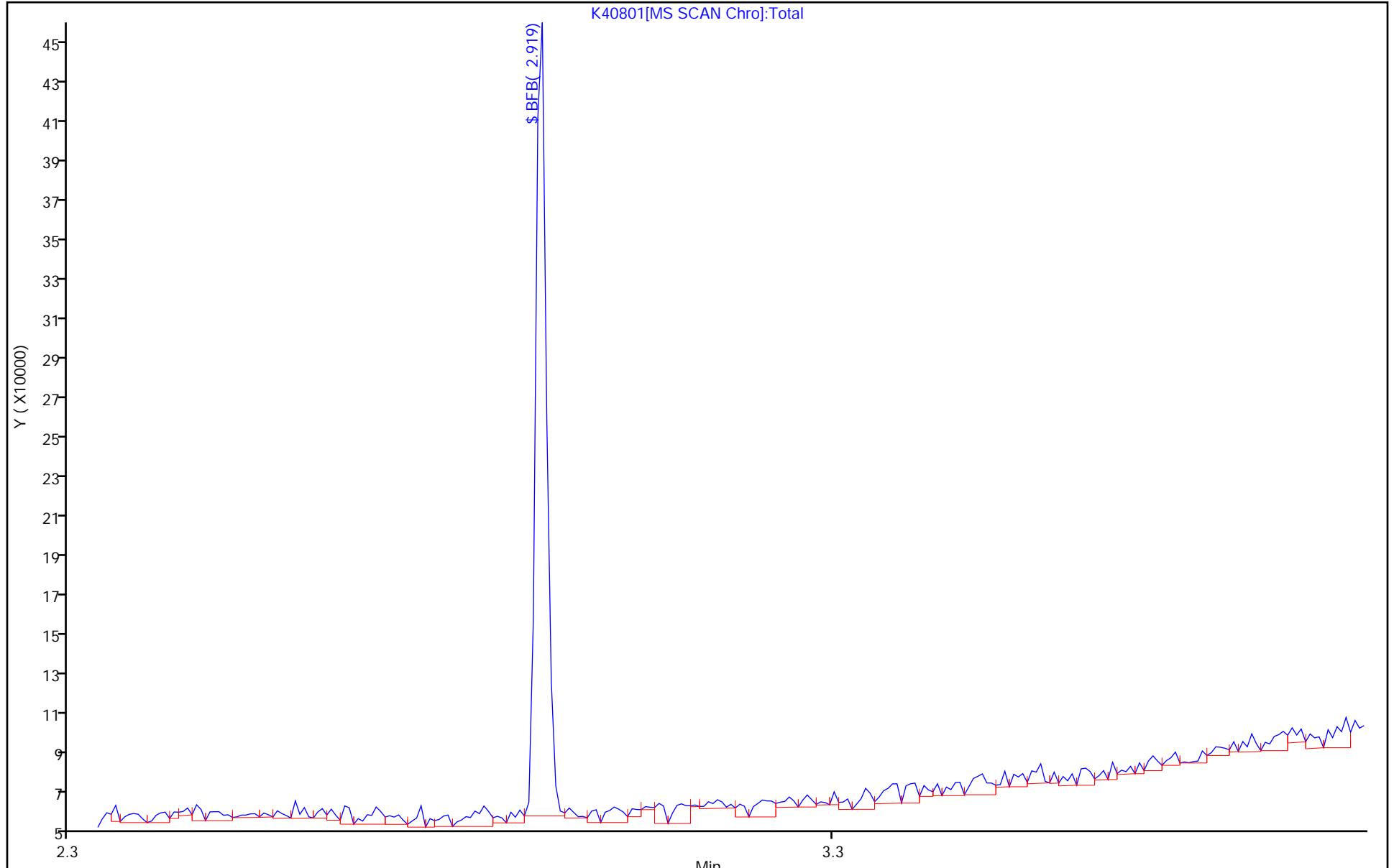
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-883192/8
 Matrix: Solid Lab File ID: K41755.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2022 19:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 Purge Volume: 5.0(mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 883192 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	0.0060	U	0.0060	0.0057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		72-145
460-00-4	4-Bromofluorobenzene	89		75-139
1868-53-7	Dibromofluoromethane (Surr)	110		73-139
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41755.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Dec-2022 19:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0154493-008
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:49:29 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX

Date: 14-Dec-2022 19:59:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	46	2.502	2.547	-0.045	95	87781	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.450	3.450	0.000	97	210833	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.919	0.000	96	138217	50.0	54.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.239	4.239	0.000	0	127556	50.0	48.3	
* 66 Fluorobenzene	96	4.593	4.593	0.000	99	488235	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.348	5.336	0.012	95	24787	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.433	6.434	-0.001	99	504632	50.0	50.9	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	84	348380	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	89	134683	50.0	44.4	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.005	0.000	95	192698	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00175 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00233 Amount Added: 1.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41755.D

Injection Date: 14-Dec-2022 19:34:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

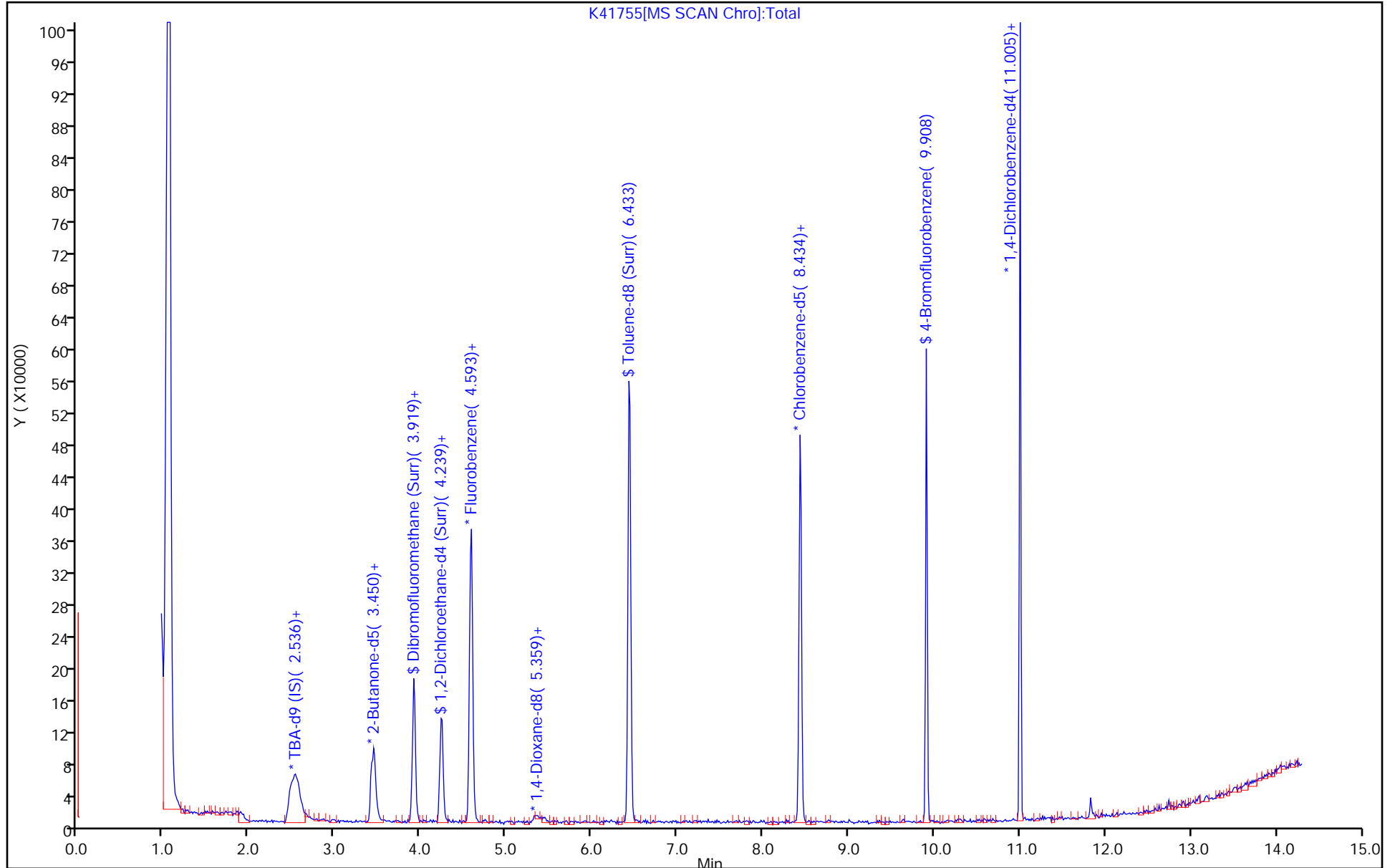
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41755.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Dec-2022 19:34:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0154493-008
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:49:29 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX Date: 14-Dec-2022 19:59:18

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.9	109.71
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.3	96.53
\$ 83 Toluene-d8 (Surr)	50.0	50.9	101.83
\$ 105 4-Bromofluorobenzene	50.0	44.4	88.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LB3 460-883060/1-A
 Matrix: Solid Lab File ID: K41756.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 12/14/2022 19:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 883192 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	0.0060	U	0.0060	0.0057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		72-145
460-00-4	4-Bromofluorobenzene	90		75-139
1868-53-7	Dibromofluoromethane (Surr)	108		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41756.D
 Lims ID: LB3 460-883060/1-A
 Client ID:
 Sample Type: LB3
 Inject. Date: 14-Dec-2022 19:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LB3 460-883060/1-A
 Misc. Info.: 460-0154493-009
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:50:33 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX

Date: 14-Dec-2022 20:47:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methylene Chloride	84	2.445	2.456	-0.011	62	1740		0.5533	
* 30 TBA-d9 (IS)	46	2.536	2.547	-0.011	95	91524	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.428	3.450	-0.022	97	206850	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.919	0.000	95	134268	50.0	54.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.239	4.239	0.000	0	124608	50.0	47.8	
* 66 Fluorobenzene	96	4.582	4.593	-0.011	99	481330	50.0	50.0	
* 73 1,4-Dioxane-d8	96	5.325	5.336	-0.011	96	25326	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.434	6.434	0.000	99	504583	50.0	52.0	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	85	340775	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	89	134131	50.0	45.2	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.005	0.000	94	190175	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41756.D

Injection Date: 14-Dec-2022 19:56:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: LB3 460-883060/1-A

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

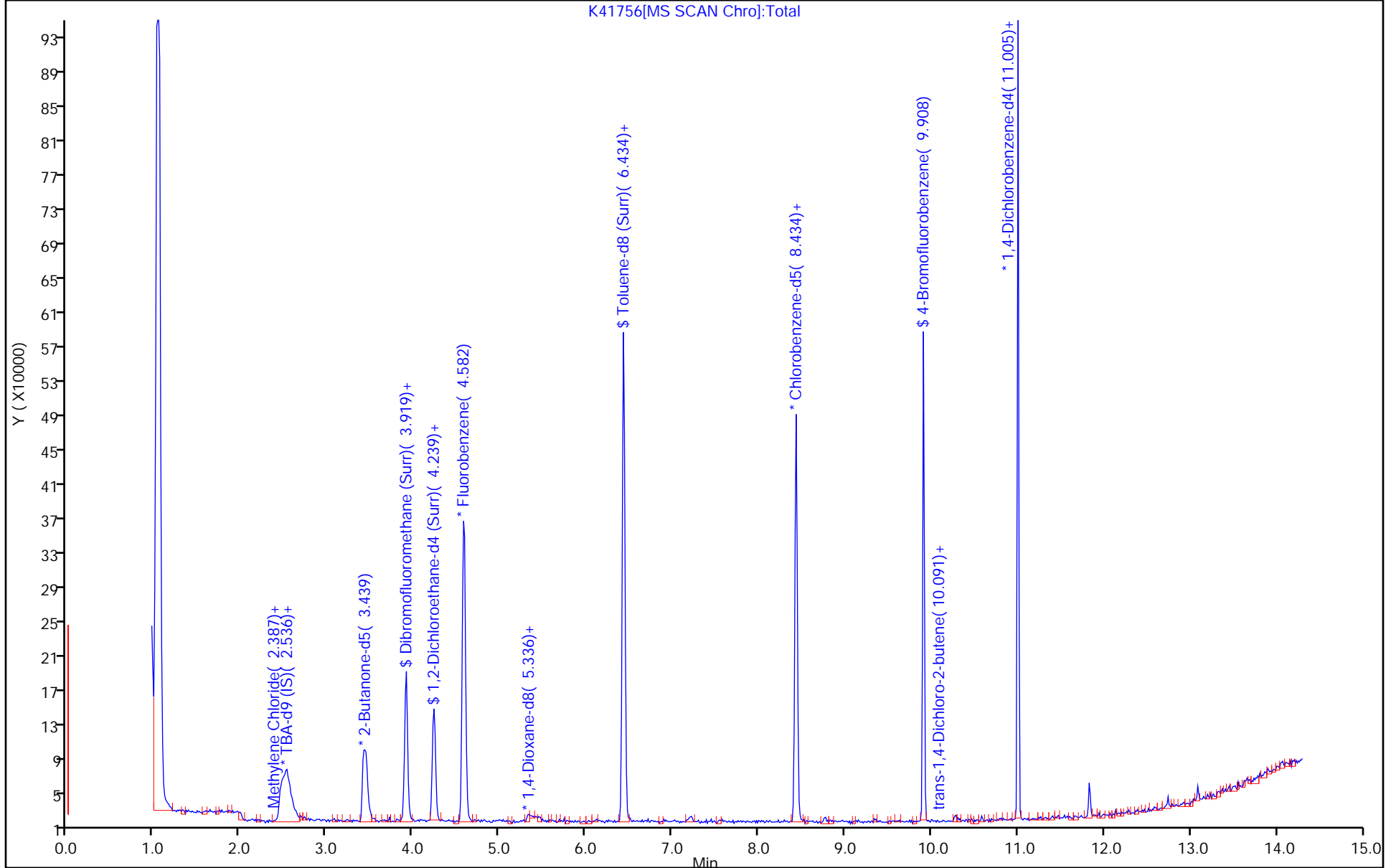
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41756.D
 Lims ID: LB3 460-883060/1-A
 Client ID:
 Sample Type: LB3
 Inject. Date: 14-Dec-2022 19:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LB3 460-883060/1-A
 Misc. Info.: 460-0154493-009
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:50:33 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX

Date: 14-Dec-2022 20:47:11

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	54.1	108.10
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.8	95.65
\$ 83 Toluene-d8 (Surr)	50.0	52.0	104.09
\$ 105 4-Bromofluorobenzene	50.0	45.2	90.44

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-883192/3
 Matrix: Solid Lab File ID: K41750.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2022 17:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 Purge Volume: 5.0(mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 883192 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	0.103		0.0060	0.0057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		72-145
460-00-4	4-Bromofluorobenzene	93		75-139
1868-53-7	Dibromofluoromethane (Surr)	107		73-139
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41750.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Dec-2022 17:33:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0154493-003
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:47:55 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX

Date: 14-Dec-2022 18:00:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.142	1.142	0.000	94	50317	NC	NC	
2 Chlorotrifluoroethene	116	1.153	1.153	0.000	58	42797	20.0	18.9	
4 Dichlorodifluoromethane	85	1.176	1.176	0.000	59	131798	20.0	18.1	
5 Chlorodifluoromethane	67	1.164	1.164	0.000	94	18123	20.0	18.8	
6 Chloromethane	50	1.302	1.302	0.000	98	144494	20.0	19.7	
7 Butadiene	54	1.370	1.370	0.000	94	89602	20.0	19.1	
8 Vinyl chloride	62	1.370	1.370	0.000	88	101048	20.0	19.8	
9 Bromomethane	94	1.576	1.576	0.000	99	83472	20.0	21.4	
10 Chloroethane	64	1.610	1.610	0.000	92	62828	20.0	21.4	
11 Dichlorofluoromethane	67	1.759	1.759	0.000	99	157641	20.0	22.0	
12 Trichlorofluoromethane	101	1.805	1.805	0.000	50	119519	20.0	19.4	
13 Pentane	72	1.805	1.805	0.000	96	33625	40.0	51.2	
15 Ethyl ether	59	1.942	1.942	0.000	95	55252	20.0	23.4	a
16 2-Methyl-1,3-butadiene	53	1.965	1.965	0.000	98	71805	20.0	24.0	
14 Ethanol	46	1.942	1.942	0.000	71	19771	800.0	906.2	Ma
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.965	1.965	0.000	88	75129	20.0	22.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.010	2.010	0.000	71	118786	20.0	22.8	a
19 Acrolein	56	2.033	2.033	0.000	96	148262	300.0	301.4	
21 1,1-Dichloroethene	96	2.102	2.102	0.000	98	66054	20.0	22.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.147	2.147	0.000	92	85712	20.0	21.3	
22 Acetone	43	2.147	2.147	0.000	86	113084	100.0	102.6	
23 Iodomethane	142	2.216	2.216	0.000	96	132620	20.0	20.5	
25 Carbon disulfide	76	2.273	2.273	0.000	99	279617	20.0	23.7	
24 Isopropyl alcohol	45	2.250	2.250	0.000	24	41522	200.0	199.2	M
26 3-Chloro-1-propene	39	2.365	2.365	0.000	90	85329	20.0	18.7	
27 Methyl acetate	43	2.376	2.376	0.000	100	91562	40.0	46.6	
28 Cyclopentene	67	2.433	2.433	0.000	96	150891	20.0	20.7	
29 Acetonitrile	39	2.422	2.422	0.000	32	43593	200.0	179.1	a
31 Methylene Chloride	84	2.456	2.456	0.000	91	81395	20.0	23.4	
* 30 TBA-d9 (IS)	46	2.547	2.547	0.000	95	111870	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.582	2.582	0.000	36	97073	200.0	181.6	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.639	2.639	0.000	95	241302	200.0	224.9	
34 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	96	71611	20.0	20.7	
33 Methyl tert-butyl ether	73	2.662	2.662	0.000	96	196212	20.0	19.4	
36 Hexane	43	2.879	2.879	0.000	93	56962	20.0	19.6	
38 1,1-Dichloroethane	63	2.993	2.993	0.000	99	121680	20.0	21.1	
39 Vinyl acetate	86	3.039	3.039	0.000	100	17977	40.0	29.8	
37 Isopropyl ether	45	3.062	3.062	0.000	86	207241	20.0	19.9	
40 2-Chloro-1,3-butadiene	88	3.073	3.073	0.000	89	66913	20.0	22.1	
41 Tert-butyl ethyl ether	87	3.370	3.370	0.000	90	84372	20.0	19.7	
* 42 2-Butanone-d5	46	3.450	3.450	0.000	76	260738	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.485	3.485	0.000	97	82847	20.0	21.5	
43 2,2-Dichloropropane	79	3.508	3.508	0.000	90	37792	20.0	17.5	
46 2-Butanone (MEK)	72	3.508	3.508	0.000	97	39060	100.0	100.8	
45 Ethyl acetate	70	3.542	3.542	0.000	97	13039	40.0	36.3	
48 Propionitrile	54	3.553	3.553	0.000	32	96146	200.0	200.6	
47 Methyl acrylate	55	3.565	3.565	0.000	99	63663	20.0	19.5	
51 Methacrylonitrile	67	3.690	3.690	0.000	92	246171	200.0	207.1	
50 Chlorobromomethane	128	3.690	3.690	0.000	90	38515	20.0	20.9	
49 Tetrahydrofuran	72	3.759	3.759	0.000	92	19822	40.0	45.1	
52 Chloroform	83	3.770	3.770	0.000	99	114930	20.0	20.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.919	0.000	96	147527	50.0	53.7	
54 1,1,1-Trichloroethane	97	3.953	3.953	0.000	98	108517	20.0	19.1	
53 Cyclohexane	84	4.010	4.010	0.000	89	126625	20.0	22.1	
57 1,1-Dichloropropene	75	4.102	4.102	0.000	97	86503	20.0	19.8	
56 Carbon tetrachloride	117	4.113	4.113	0.000	96	86186	20.0	17.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.239	4.239	0.000	0	132867	50.0	46.1	
60 Benzene	78	4.308	4.308	0.000	94	270800	20.0	21.6	
58 Isobutyl alcohol	74	4.308	4.308	0.000	93	22474	500.0	444.1	a
64 1,2-Dichloroethane	62	4.319	4.319	0.000	97	74130	20.0	17.1	
62 Isopropyl acetate	61	4.410	4.410	0.000	90	22701	20.0	19.5	
59 Isooctane	57	4.399	4.399	0.000	91	249476	20.0	18.9	
63 Tert-amyl methyl ether	73	4.433	4.433	0.000	98	213519	20.0	20.6	
* 66 Fluorobenzene	96	4.593	4.593	0.000	99	531863	50.0	50.0	
65 n-Heptane	43	4.605	4.605	0.000	91	93690	20.0	18.5	
68 n-Butanol	56	4.936	4.936	0.000	86	42108	500.0	327.5	
69 Trichloroethene	95	4.982	4.982	0.000	98	63369	20.0	18.3	
70 Ethyl acrylate	55	5.119	5.119	0.000	97	57248	20.0	16.8	
71 Methylcyclohexane	83	5.199	5.199	0.000	96	136478	20.0	19.6	
72 1,2-Dichloropropane	63	5.233	5.233	0.000	93	66188	20.0	20.1	
* 73 1,4-Dioxane-d8	96	5.336	5.336	0.000	93	33440	1000.0	1000.0	
77 Dibromomethane	93	5.359	5.359	0.000	97	38066	20.0	19.6	
74 Methyl methacrylate	69	5.393	5.393	0.000	88	70076	40.0	34.2	
75 1,4-Dioxane	88	5.393	5.393	0.000	31	20466	400.0	463.7	
76 n-Propyl acetate	43	5.473	5.473	0.000	97	71188	20.0	16.3	
78 Dichlorobromomethane	83	5.553	5.553	0.000	99	74936	20.0	16.9	
79 2-Nitropropane	41	5.828	5.828	0.000	92	20756	40.0	21.8	
67 2-Chloroethyl vinyl ether	63	5.942	5.942	0.000	87	5421	20.0	35.7	
80 Epichlorohydrin	57	5.999	5.999	0.000	99	114778	400.0	364.4	
81 cis-1,3-Dichloropropene	75	6.102	6.102	0.000	91	89802	20.0	18.1	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	96	292243	100.0	92.1	
\$ 83 Toluene-d8 (Surr)	98	6.434	6.434	0.000	100	546519	50.0	51.3	
84 Toluene	91	6.525	6.525	0.000	93	267632	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	71868	20.0	16.4	
86 Ethyl methacrylate	69	7.005	7.005	0.000	89	63765	20.0	16.4	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	95	40872	20.0	19.1	
88 Tetrachloroethene	166	7.256	7.256	0.000	96	64109	20.0	18.3	
89 1,3-Dichloropropane	76	7.291	7.291	0.000	92	79426	20.0	19.8	
90 2-Hexanone	43	7.462	7.462	0.000	95	169142	100.0	84.1	
92 Chlorodibromomethane	129	7.599	7.599	0.000	97	49894	20.0	16.3	
91 n-Butyl acetate	43	7.679	7.679	0.000	98	71154	20.0	17.3	
93 Ethylene Dibromide	107	7.737	7.737	0.000	100	47982	20.0	17.7	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	84	374712	50.0	50.0	
95 Chlorobenzene	112	8.479	8.479	0.000	96	167987	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.617	8.617	0.000	95	61616	20.0	17.4	
96 Ethylbenzene	106	8.674	8.674	0.000	98	92789	20.0	18.5	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	116680	20.0	19.3	
100 o-Xylene	106	9.337	9.337	0.000	94	123770	20.0	19.0	
101 Styrene	104	9.360	9.360	0.000	97	180563	20.0	18.5	
99 n-Butyl acrylate	73	9.371	9.371	0.000	97	39154	20.0	16.8	
103 Bromoform	173	9.531	9.531	0.000	95	30934	20.0	14.7	
102 Amyl acetate (mixed isomers)	43	9.645	9.645	0.000	90	82731	20.0	21.7	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	335641	20.0	19.6	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	90	151797	50.0	46.5	
106 Bromobenzene	156	10.045	10.045	0.000	95	66590	20.0	17.6	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	99	79029	20.0	20.4	
109 1,2,3-Trichloropropane	110	10.114	10.114	0.000	97	20865	20.0	20.8	
110 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	85	16319	20.0	16.6	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	398607	20.0	20.8	
111 2-Chlorotoluene	91	10.251	10.251	0.000	97	221203	20.0	19.2	
112 4-Ethyltoluene	105	10.308	10.308	0.000	100	315388	20.0	19.1	
114 4-Chlorotoluene	91	10.365	10.365	0.000	98	233421	20.0	18.6	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	93	287101	20.0	19.5	
115 Butyl Methacrylate	87	10.503	10.503	0.000	92	71543	20.0	17.1	
116 tert-Butylbenzene	119	10.674	10.674	0.000	95	210084	20.0	17.6	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	97	290144	20.0	18.6	
118 sec-Butylbenzene	105	10.868	10.868	0.000	99	377373	20.0	19.6	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	96	142790	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.005	0.000	95	215347	50.0	50.0	
119 4-Isopropyltoluene	119	11.005	11.005	0.000	93	325335	20.0	19.4	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	96	147311	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	11.085	11.085	0.000	97	306333	20.0	19.2	
124 Benzyl chloride	91	11.154	11.154	0.000	99	109680	20.0	13.7	
125 2,3-Dihydroindene	117	11.245	11.245	0.000	95	282559	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	97	154046	20.0	20.4	
126 p-Diethylbenzene	119	11.337	11.337	0.000	92	198594	20.0	18.7	
127 n-Butylbenzene	92	11.348	11.348	0.000	98	179565	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	304941	20.0	18.1	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.954	0.000	93	17096	20.0	16.2	
131 1,3,5-Trichlorobenzene	180	12.114	12.114	0.000	97	125524	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	94	113344	20.0	16.6	
133 Hexachlorobutadiene	225	12.708	12.708	0.000	91	45239	20.0	14.1	
134 Naphthalene	128	12.743	12.743	0.000	99	322516	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	95	121802	20.0	18.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.3	
S 139 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00506	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00163	Amount Added: 2.00	Units: uL	
ACROLEIN W_00147	Amount Added: 3.00	Units: uL	
524freon_00060	Amount Added: 2.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromf\Edison\ChromData\CVOAMS9\20221214-154493.b\K41750.D

Injection Date: 14-Dec-2022 17:33:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

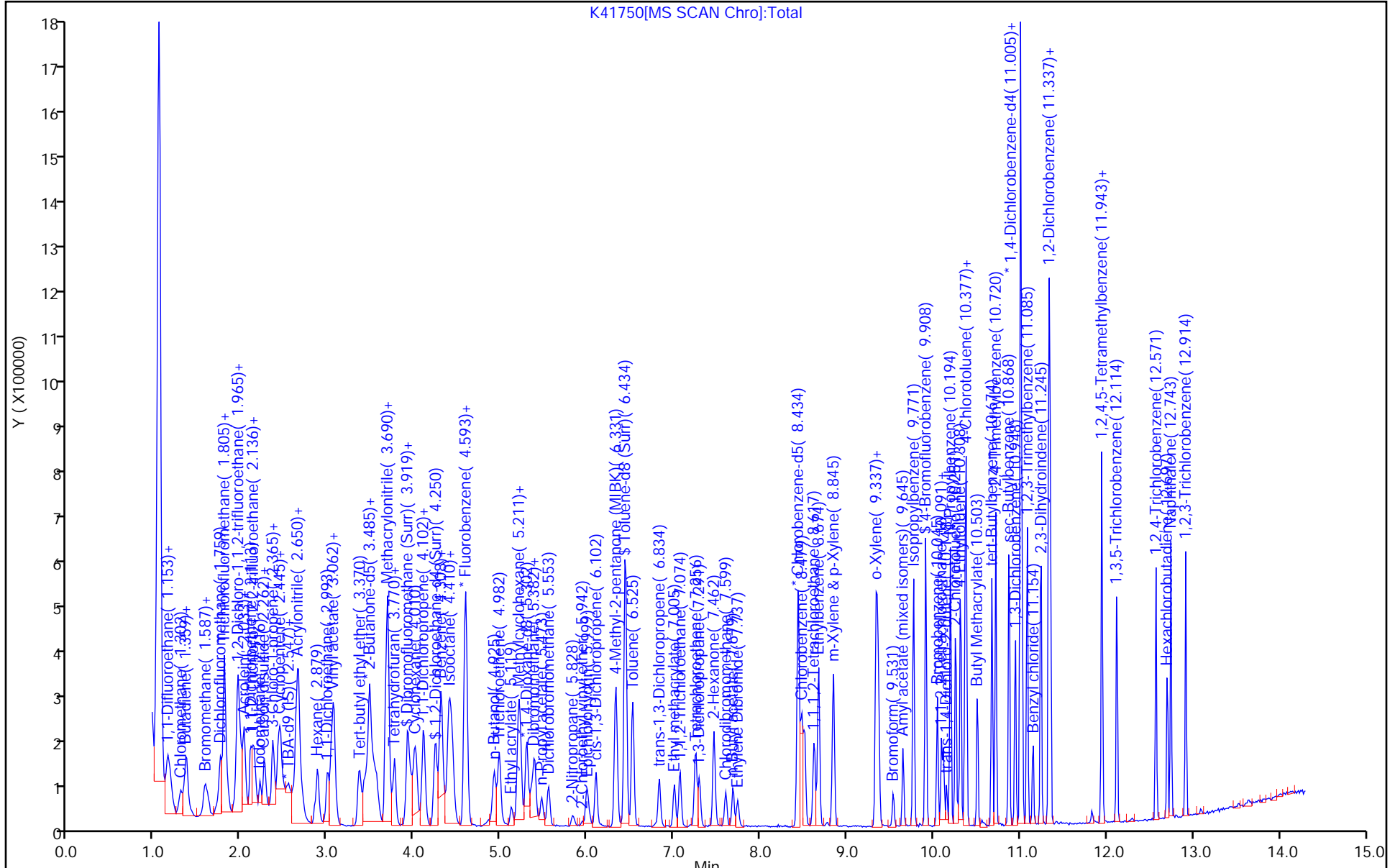
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41750.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Dec-2022 17:33:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0154493-003
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:47:55 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX Date: 14-Dec-2022 18:00:50

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	53.7	107.49
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.1	92.30
\$ 83 Toluene-d8 (Surr)	50.0	51.3	102.53
\$ 105 4-Bromofluorobenzene	50.0	46.5	93.09

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-883192/4
 Matrix: Solid Lab File ID: K41751.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 12/14/2022 18:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 Purge Volume: 5.0(mL) Heated Purge: (Y/N) Y pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 883192 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	0.101		0.0060	0.0057

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		72-145
460-00-4	4-Bromofluorobenzene	94		75-139
1868-53-7	Dibromofluoromethane (Surr)	105		73-139
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41751.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 14-Dec-2022 18:04:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0154493-004
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:49:09 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX

Date: 14-Dec-2022 18:27:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 1,1-Difluoroethane	65	1.142	1.142	0.000	88	46156	NC	NC	
2 Chlorotrifluoroethene	116	1.153	1.153	0.000	56	38636	20.0	17.4	
5 Chlorodifluoromethane	67	1.164	1.164	0.000	95	17460	20.0	18.6	
4 Dichlorodifluoromethane	85	1.164	1.176	-0.012	61	131900	20.0	18.6	
6 Chloromethane	50	1.290	1.302	-0.012	99	158472	20.0	22.1	
7 Butadiene	54	1.359	1.370	-0.011	93	96756	20.0	21.2	
8 Vinyl chloride	62	1.370	1.370	0.000	69	108617	20.0	21.8	
9 Bromomethane	94	1.564	1.576	-0.012	98	82067	20.0	21.5	
10 Chloroethane	64	1.610	1.610	0.000	100	63460	20.0	22.1	
11 Dichlorofluoromethane	67	1.747	1.759	-0.012	98	173219	20.0	24.7	
12 Trichlorofluoromethane	101	1.793	1.805	-0.011	45	119321	20.0	19.8	
13 Pentane	72	1.804	1.805	0.000	96	32430	40.0	54.7	
15 Ethyl ether	59	1.942	1.942	0.000	96	44565	20.0	19.3	
14 Ethanol	46	1.942	1.942	0.000	67	10857	800.0	551.5	M
16 2-Methyl-1,3-butadiene	53	1.953	1.965	-0.012	93	62924	20.0	21.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.964	1.965	-0.001	87	64617	20.0	20.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.022	2.010	0.012	87	105427	20.0	20.6	a
19 Acrolein	56	2.033	2.033	0.000	95	123343	300.0	277.9	
21 1,1-Dichloroethene	96	2.102	2.102	0.000	98	65343	20.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.147	2.147	0.000	96	87141	20.0	22.2	
22 Acetone	43	2.136	2.147	-0.011	86	110861	100.0	101.3	
23 Iodomethane	142	2.216	2.216	0.000	97	136344	20.0	21.6	
24 Isopropyl alcohol	45	2.307	2.250	0.057	24	35199	200.0	187.1	M
25 Carbon disulfide	76	2.262	2.273	-0.011	99	272028	20.0	23.6	
26 3-Chloro-1-propene	39	2.365	2.365	-0.001	93	81851	20.0	18.3	
27 Methyl acetate	43	2.376	2.376	0.000	98	89979	40.0	50.8	
29 Acetonitrile	39	2.422	2.422	0.000	37	44912	200.0	204.4	a
28 Cyclopentene	67	2.422	2.433	-0.011	96	151959	20.0	21.4	
31 Methylene Chloride	84	2.445	2.456	-0.011	91	82564	20.0	24.3	
* 30 TBA-d9 (IS)	46	2.536	2.547	-0.011	95	100949	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.582	2.582	0.000	34	93384	200.0	193.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.627	2.639	-0.012	94	234721	200.0	224.0	
34 trans-1,2-Dichloroethene	96	2.662	2.662	0.000	93	71276	20.0	21.1	
33 Methyl tert-butyl ether	73	2.662	2.662	0.000	81	199408	20.0	20.2	
36 Hexane	43	2.879	2.879	0.000	93	59999	20.0	21.2	
38 1,1-Dichloroethane	63	2.982	2.993	-0.011	99	120147	20.0	21.3	
39 Vinyl acetate	86	3.039	3.039	0.000	100	20801	40.0	38.2	
37 Isopropyl ether	45	3.062	3.062	0.000	96	204653	20.0	20.1	
40 2-Chloro-1,3-butadiene	88	3.062	3.073	-0.011	92	61590	20.0	20.8	
41 Tert-butyl ethyl ether	87	3.359	3.370	-0.011	89	83449	20.0	20.0	
* 42 2-Butanone-d5	46	3.439	3.450	-0.011	97	259018	250.0	250.0	
44 cis-1,2-Dichloroethene	96	3.485	3.485	0.000	98	79843	20.0	21.2	
43 2,2-Dichloropropane	79	3.496	3.508	-0.012	86	38745	20.0	18.4	
46 2-Butanone (MEK)	72	3.473	3.508	-0.035	96	39705	100.0	103.1	a
45 Ethyl acetate	70	3.553	3.542	0.011	95	13327	40.0	37.3	
48 Propionitrile	54	3.553	3.553	0.000	95	101728	200.0	235.2	
47 Methyl acrylate	55	3.565	3.565	0.000	98	66427	20.0	20.9	
51 Methacrylonitrile	67	3.690	3.690	0.000	91	251237	200.0	216.4	
50 Chlorobromomethane	128	3.690	3.690	0.000	89	37742	20.0	20.9	
49 Tetrahydrofuran	72	3.748	3.759	-0.011	70	17825	40.0	40.9	
52 Chloroform	83	3.770	3.770	0.000	99	115224	20.0	20.5	
\$ 55 Dibromofluoromethane (Surr)	113	3.919	3.919	0.000	96	141164	50.0	52.6	
54 1,1,1-Trichloroethane	97	3.953	3.953	0.000	98	111340	20.0	20.0	
53 Cyclohexane	84	4.010	4.010	0.000	89	123140	20.0	22.0	
57 1,1-Dichloropropene	75	4.102	4.102	0.000	95	88172	20.0	20.7	
56 Carbon tetrachloride	117	4.113	4.113	0.000	96	89785	20.0	18.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.239	4.239	0.000	0	130940	50.0	46.6	
60 Benzene	78	4.308	4.308	0.000	94	272955	20.0	22.0	
58 Isobutyl alcohol	74	4.296	4.308	-0.012	45	23392	500.0	512.3	a
64 1,2-Dichloroethane	62	4.319	4.319	0.000	96	74604	20.0	17.7	
59 Isooctane	57	4.399	4.399	0.000	94	276485	20.0	21.4	
62 Isopropyl acetate	61	4.410	4.410	0.000	82	23189	20.0	20.3	
63 Tert-amyl methyl ether	73	4.433	4.433	0.000	97	202882	20.0	20.0	
* 66 Fluorobenzene	96	4.582	4.593	-0.011	100	519616	50.0	50.0	
65 n-Heptane	43	4.593	4.605	-0.012	94	103139	20.0	20.9	
68 n-Butanol	56	4.936	4.936	0.000	24	42269	500.0	364.3	a
69 Trichloroethene	95	4.982	4.982	0.000	98	66677	20.0	19.7	
70 Ethyl acrylate	55	5.119	5.119	0.000	98	53821	20.0	16.2	
71 Methylcyclohexane	83	5.199	5.199	0.000	94	140333	20.0	20.7	
72 1,2-Dichloropropane	63	5.222	5.233	-0.011	90	65604	20.0	20.4	
* 73 1,4-Dioxane-d8	96	5.325	5.336	-0.011	34	30320	1000.0	1000.0	
77 Dibromomethane	93	5.348	5.359	-0.011	97	37796	20.0	20.0	
74 Methyl methacrylate	69	5.382	5.393	-0.011	91	68277	40.0	34.1	
75 1,4-Dioxane	88	5.439	5.393	0.046	29	18563	400.0	463.8	a
76 n-Propyl acetate	43	5.473	5.473	0.000	99	72671	20.0	17.0	
78 Dichlorobromomethane	83	5.553	5.553	0.000	98	75039	20.0	17.3	
79 2-Nitropropane	41	5.828	5.828	0.000	96	19896	40.0	21.3	
67 2-Chloroethyl vinyl ether	63	5.942	5.942	0.000	85	5935	20.0	40.0	
80 Epichlorohydrin	57	5.999	5.999	0.000	99	114825	400.0	367.0	
81 cis-1,3-Dichloropropene	75	6.091	6.102	-0.011	91	92066	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.331	6.331	0.000	97	292917	100.0	92.9	
\$ 83 Toluene-d8 (Surr)	98	6.433	6.434	-0.001	99	549688	50.0	51.9	
84 Toluene	91	6.525	6.525	0.000	92	277195	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	97	74494	20.0	17.1	
86 Ethyl methacrylate	69	7.005	7.005	0.000	88	61178	20.0	15.9	
87 1,1,2-Trichloroethane	83	7.074	7.074	0.000	96	43050	20.0	20.3	
88 Tetrachloroethene	166	7.256	7.256	0.000	96	64452	20.0	18.5	
89 1,3-Dichloropropane	76	7.291	7.291	0.000	93	83463	20.0	20.9	
90 2-Hexanone	43	7.462	7.462	0.000	96	171197	100.0	85.6	
92 Chlorodibromomethane	129	7.599	7.599	0.000	96	48060	20.0	15.8	
91 n-Butyl acetate	43	7.679	7.679	0.000	99	72770	20.0	17.8	
93 Ethylene Dibromide	107	7.736	7.737	-0.001	100	49752	20.0	18.5	
* 94 Chlorobenzene-d5	117	8.434	8.434	0.000	84	372147	50.0	50.0	
95 Chlorobenzene	112	8.479	8.479	0.000	97	174329	20.0	20.6	
97 1,1,1,2-Tetrachloroethane	131	8.617	8.617	0.000	96	64787	20.0	18.4	
96 Ethylbenzene	106	8.674	8.674	0.000	98	97823	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.845	8.845	0.000	0	115586	20.0	19.3	
100 o-Xylene	106	9.337	9.337	0.000	94	124426	20.0	19.2	
101 Styrene	104	9.348	9.360	-0.012	93	179771	20.0	18.5	
99 n-Butyl acrylate	73	9.371	9.371	0.000	99	40540	20.0	17.5	
103 Bromoform	173	9.531	9.531	0.000	94	31364	20.0	15.0	
102 Amyl acetate (mixed isomers)	43	9.645	9.645	0.000	91	81331	20.0	21.0	
104 Isopropylbenzene	105	9.771	9.771	0.000	95	344742	20.0	20.3	
\$ 105 4-Bromofluorobenzene	174	9.908	9.908	0.000	90	152019	50.0	46.9	
106 Bromobenzene	156	10.045	10.045	0.000	95	69310	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	10.091	10.091	0.000	98	78294	20.0	19.8	
109 1,2,3-Trichloropropane	110	10.114	10.114	0.000	97	21050	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	82	17395	20.0	17.4	
108 N-Propylbenzene	91	10.194	10.194	0.000	99	401210	20.0	20.6	
111 2-Chlorotoluene	91	10.251	10.251	0.000	97	219324	20.0	18.7	
112 4-Ethyltoluene	105	10.308	10.308	0.000	99	330069	20.0	19.7	
114 4-Chlorotoluene	91	10.365	10.365	0.000	98	244059	20.0	19.1	
113 1,3,5-Trimethylbenzene	105	10.377	10.377	0.000	94	298205	20.0	19.9	
115 Butyl Methacrylate	87	10.502	10.503	-0.001	93	76387	20.0	18.0	
116 tert-Butylbenzene	119	10.674	10.674	0.000	96	235714	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.720	10.720	0.000	97	298552	20.0	18.8	
118 sec-Butylbenzene	105	10.868	10.868	0.000	99	401581	20.0	20.6	
120 1,3-Dichlorobenzene	146	10.948	10.948	0.000	98	146196	20.0	18.6	
* 121 1,4-Dichlorobenzene-d4	152	11.005	11.005	0.000	96	219075	50.0	50.0	
119 4-Isopropyltoluene	119	11.005	11.005	0.000	96	349890	20.0	20.5	
122 1,4-Dichlorobenzene	146	11.028	11.028	0.000	96	153212	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.085	11.085	0.000	97	317837	20.0	19.6	
124 Benzyl chloride	91	11.154	11.154	0.000	99	110640	20.0	13.6	
125 2,3-Dihydroindene	117	11.245	11.245	0.000	94	298948	20.0	20.1	
128 1,2-Dichlorobenzene	146	11.337	11.337	0.000	95	153029	20.0	20.0	
126 p-Diethylbenzene	119	11.337	11.337	0.000	91	205616	20.0	19.1	
127 n-Butylbenzene	92	11.348	11.348	0.000	97	190619	20.0	21.1	
129 1,2,4,5-Tetramethylbenzene	119	11.943	11.943	0.000	98	318666	20.0	18.6	
130 1,2-Dibromo-3-Chloropropane	157	11.954	11.954	0.000	93	18672	20.0	17.4	
131 1,3,5-Trichlorobenzene	180	12.114	12.114	0.000	97	132903	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	12.571	12.571	0.000	93	121357	20.0	17.5	
133 Hexachlorobutadiene	225	12.697	12.708	-0.011	88	48762	20.0	15.0	
134 Naphthalene	128	12.743	12.743	0.000	99	325983	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	12.914	12.914	0.000	96	122974	20.0	18.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.5	
S 139 Total BTEX	1				0		100.0	100.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00506	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00163	Amount Added: 2.00	Units: uL	
ACROLEIN W_00147	Amount Added: 3.00	Units: uL	
524freon_00060	Amount Added: 2.00	Units: uL	
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41751.D

Injection Date: 14-Dec-2022 18:04:30

Instrument ID: CVOAMS9

Operator ID:

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

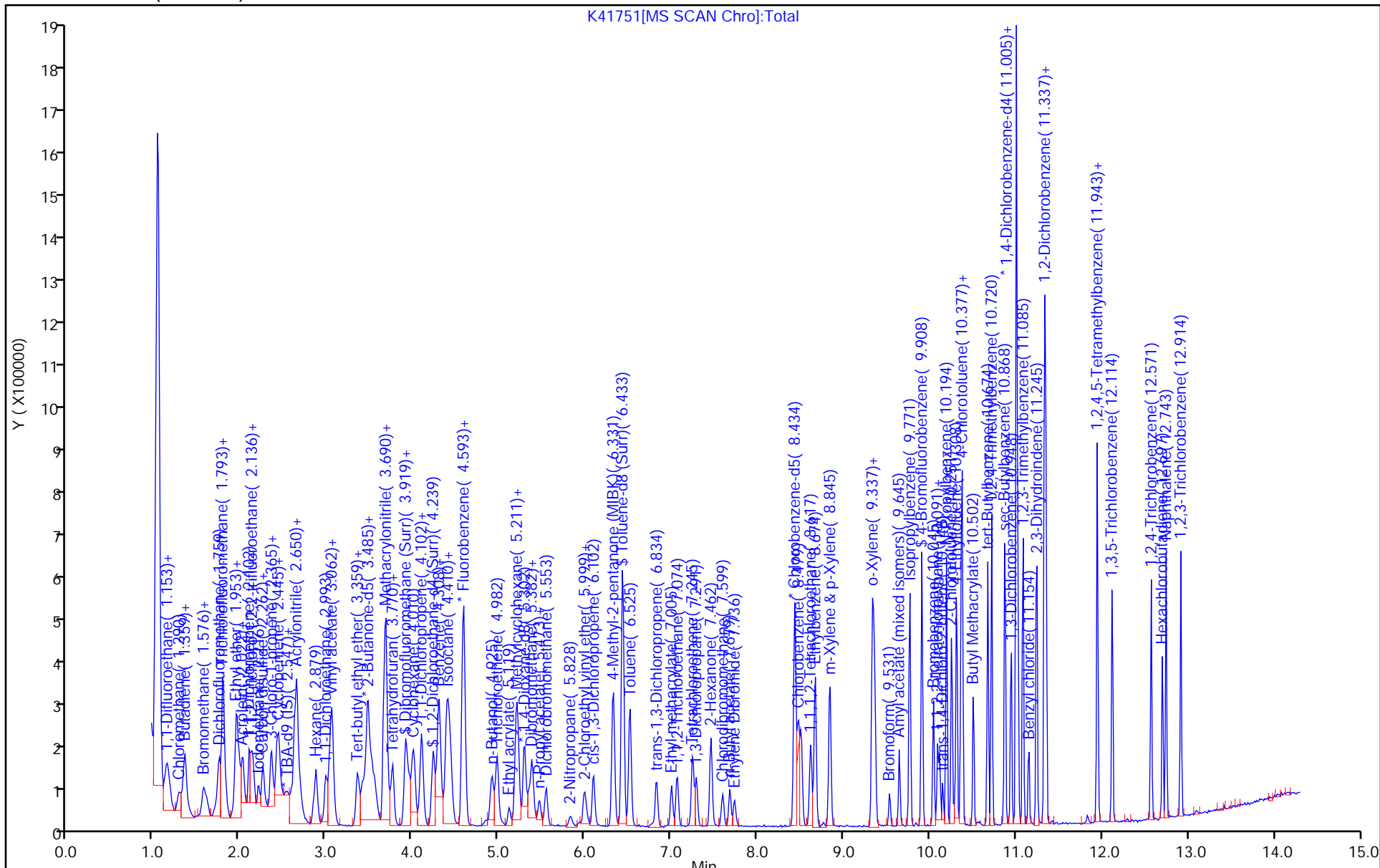
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260S9

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\K41751.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 14-Dec-2022 18:04:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0154493-004
 Operator ID: Instrument ID: CVOAMS9
 Method: \\chromfs\Edison\ChromData\CVOAMS9\20221214-154493.b\8260S9.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Dec-2022 13:49:09 Calib Date: 18-Nov-2022 17:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20221118-153407.b\K40808.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1608

First Level Reviewer: C1JX Date: 14-Dec-2022 18:27:08

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	52.6	105.28
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.6	93.10
\$ 83 Toluene-d8 (Surr)	50.0	51.9	103.84
\$ 105 4-Bromofluorobenzene	50.0	46.9	93.86

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CVOAMS9 Start Date: 11/18/2022 14:52

Analysis Batch Number: 878754 End Date: 11/18/2022 19:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-878754/1		11/18/2022 14:52	1	K40801.D	Rtx-624 0.25 (mm)
STD1 460-878754/3 IC		11/18/2022 15:37	1	K40803.D	Rtx-624 0.25 (mm)
STD5 460-878754/4 IC		11/18/2022 16:00	1	K40804.D	Rtx-624 0.25 (mm)
STD20 460-878754/5 ICIS		11/18/2022 16:23	1	K40805.D	Rtx-624 0.25 (mm)
STD50 460-878754/6 IC		11/18/2022 16:45	1	K40806.D	Rtx-624 0.25 (mm)
STD200 460-878754/7 IC		11/18/2022 17:08	1	K40807.D	Rtx-624 0.25 (mm)
STD500 460-878754/8 IC		11/18/2022 17:30	1	K40808.D	Rtx-624 0.25 (mm)
ICV 460-878754/14		11/18/2022 19:45	1	K40814.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CVOAMS9 Start Date: 12/14/2022 17:10Analysis Batch Number: 883192 End Date: 12/15/2022 03:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-883192/2		12/14/2022 17:10	1	K41749.D	Rtx-624 0.25 (mm)
LCS 460-883192/3		12/14/2022 17:33	1	K41750.D	Rtx-624 0.25 (mm)
LCSD 460-883192/4		12/14/2022 18:04	1	K41751.D	Rtx-624 0.25 (mm)
MB 460-883192/8		12/14/2022 19:34	1	K41755.D	Rtx-624 0.25 (mm)
LB3 460-883060/1-A		12/14/2022 19:56	1	K41756.D	Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 20:19	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 20:41	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 21:03	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 21:26	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 21:48	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 22:11	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 22:33	1		Rtx-624 0.25 (mm)
460-271282-1	BCS-09-13_(7-7.5)	12/14/2022 22:56	1	K41764.D	Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 23:18	1		Rtx-624 0.25 (mm)
ZZZZZ		12/14/2022 23:41	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 00:03	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 00:25	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 00:48	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 01:10	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 01:33	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 02:17	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 02:40	1		Rtx-624 0.25 (mm)
ZZZZZ		12/15/2022 03:25	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 878754 Batch Start Date: 11/18/22 14:52 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00060	8260 SP 00160	8260ISNEW 00175	8260MIX1COMB 00162
BFB 460-878754/1		8260D		5 mL	5 mL				
STD1 460-878754/3 IC		8260D		5 mL	5 mL	1 uL		1 uL	1 uL
STD5 460-878754/4 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD20 460-878754/5 ICIS		8260D		5 mL	5 mL	2 uL		1 uL	2 uL
STD50 460-878754/6 IC		8260D		5 mL	5 mL	5 uL		1 uL	5 uL
STD200 460-878754/7 IC		8260D		5 mL	5 mL			1 uL	
STD500 460-878754/8 IC		8260D		5 mL	5 mL			1 uL	
ICV 460-878754/14		8260D		5 mL	5 mL		2 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00233	8FreonHi 00050	8FreonsSS 00051	ACROLEIN SP 00143	ACROLEIN W 00146	BFB 00032
BFB 460-878754/1		8260D							1 uL
STD1 460-878754/3 IC		8260D		1 uL				10 uL	
STD5 460-878754/4 IC		8260D		1 uL				20 uL	
STD20 460-878754/5 ICIS		8260D		1 uL				3 uL	
STD50 460-878754/6 IC		8260D		1 uL				4 uL	
STD200 460-878754/7 IC		8260D		1 uL	2 uL			5 uL	
STD500 460-878754/8 IC		8260D		1 uL	5 uL			6 uL	
ICV 460-878754/14		8260D		1 uL		2 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00070	GAS C SP 00488	GAS Hi 00428	GASES Li 00502	MIX 2 Hi 00129	MIX I Hi 00156

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 878754 Batch Start Date: 11/18/22 14:52 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00070	GAS C SP 00488	GAS Hi 00428	GASES Li 00502	MIX 2 Hi 00129	MIX I Hi 00156
BFB 460-878754/1		8260D							
STD1 460-878754/3 IC		8260D					1 uL		
STD5 460-878754/4 IC		8260D					5 uL		
STD20 460-878754/5 ICIS		8260D					2 uL		
STD50 460-878754/6 IC		8260D					5 uL		
STD200 460-878754/7 IC		8260D		2 uL		2 uL		2 uL	2 uL
STD500 460-878754/8 IC		8260D		5 uL		5 uL		5 uL	5 uL
ICV 460-878754/14		8260D			2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 883060 Batch Start Date: 12/13/22 22:51 Batch Analyst: Cho, Jordan J

Batch Method: 5035 Batch End Date: 12/13/22 23:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-883060/1		5035, 8260D		5 g	5 mL				
460-271282-B-1	BCS-09-13_(7-7.5)	5035, 8260D	T	6.13 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0126501H

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 883192 Batch Start Date: 12/14/22 17:10 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00060	8260ISNEW 00175	8260MIX1COMB 00163	8260SURR250 00233
CCVIS 460-883192/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-883192/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-883192/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-883192/8		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-883060/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-271282-B-1-A	BCS-09-13_(7-7.5)	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00147	GASES Li 00506				
CCVIS 460-883192/2		8260D		3 uL	2 uL				
LCS 460-883192/3		8260D		3 uL	2 uL				
LCSD 460-883192/4		8260D		3 uL	2 uL				
MB 460-883192/8		8260D							
LB3 460-883060/1-A		8260D							
460-271282-B-1-A	BCS-09-13_(7-7.5)	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8081B

Organochlorine Pesticides by Gas
Chromatography

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
BCS-09-16_(7-7.5)	460-271282-2	79	90	78	89
	MB 460-883205/1-A	80	92	82	96
	LCS 460-883205/2-A	73	82	73	86
	LCSD 460-883205/3-A	70	80	72	84

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
26-137
43-150

Column to be used to flag recovery values

FORM II 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 12F0044291.D
 Lab ID: LCS 460-883205/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDT	0.133	0.121	90	55-138	
4,4'-DDT	0.133	0.105	79	55-138	
4,4'-DDD	0.133	0.139	104	64-132	
4,4'-DDD	0.133	0.124	93	64-132	

Column to be used to flag recovery and RPD values

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: 12F0044292.D

Lab ID: LCSD 460-883205/3-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4,4'-DDT	0.133	0.118	89	2	30	55-138	
4,4'-DDT	0.133	0.105	79	0	30	55-138	
4,4'-DDD	0.133	0.136	102	2	30	64-132	
4,4'-DDD	0.133	0.125	93	1	30	64-132	

Column to be used to flag recovery and RPD values

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: MB 460-883205/1-A
 Matrix: Solid Date Extracted: 12/14/2022 17:16
 Lab File ID: (1) 12F0044293.D Lab File ID: (2) 12F0044293.D
 Date Analyzed: (1) 12/15/2022 04:19 Date Analyzed: (2) 12/15/2022 04:19
 Instrument ID: (1) CPESTGC12 Instrument ID: (2) CPESTGC12
 GC Column: (1) Rtx-CLP ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-883205/2-A	12/15/2022 03:54	12/15/2022 03:54
	LCSD 460-883205/3-A	12/15/2022 04:07	12/15/2022 04:07
BCS-09-16_(7-7.5)	460-271282-2	12/15/2022 05:57	12/15/2022 05:57

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: IC 460-851539/18 Date Analyzed: 06/23/2022 14:12
 Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): 12F0038967.D Heated Purge: (Y/N) N
 Calibration ID: 90776

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	137199321	1.63				
UPPER LIMIT	274398642	1.70				
LOWER LIMIT	68599661	1.56				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-851539/21		135789232	1.63			
ICV 460-851539/22		130113712	1.63			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: IC 460-851539/18 Date Analyzed: 06/23/2022 14:12
 Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm)
 Lab File ID (Standard): 12F0038967.D Heated Purge: (Y/N) N
 Calibration ID: 90777

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	225528607	1.55				
UPPER LIMIT	451057214	1.62				
LOWER LIMIT	112764304	1.48				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-851539/21		223945493	1.55			
ICV 460-851539/22		214178732	1.55			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: IC 460-851903/6 Date Analyzed: 06/24/2022 18:20
 Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): 12F0038977.D Heated Purge: (Y/N) N
 Calibration ID: 90782

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	166011405	1.63				
UPPER LIMIT	332022810	1.70				
LOWER LIMIT	83005703	1.56				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-851903/10		179781505	1.64			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: IC 460-851903/6 Date Analyzed: 06/24/2022 18:20
 Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm)
 Lab File ID (Standard): 12F0038977.D Heated Purge: (Y/N) N
 Calibration ID: 90783

	BNB		#	RT #	#	RT #
	AREA #	RT #				
INITIAL CALIBRATION MID-POINT	283338802	1.55				
UPPER LIMIT	566677604	1.62				
LOWER LIMIT	141669401	1.48				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-851903/10		307333399	1.55			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: CCVIS 460-883285/3 Date Analyzed: 12/15/2022 03:05
 Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): 12F0044287.D Heated Purge: (Y/N) N
 Calibration ID: 90782

	BNB		#	RT #	#	RT #
	AREA #	RT #				
12/24 HOUR STD	176933150	1.56				
UPPER LIMIT	353866300	1.63				
LOWER LIMIT	88466575	1.49				
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCV 460-883285/4		227713945	1.56			
CCV 460-883285/5		213861072	1.56			
LCS 460-883205/2-A		168441415	1.56			
LCSD 460-883205/3-A		173210361	1.56			
MB 460-883205/1-A		145436866	1.56			
460-271282-2	BCS-09-16_(7-7.5)	156809852	1.56			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Sample No.: CCVIS 460-883285/3 Date Analyzed: 12/15/2022 03:05
 Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm)
 Lab File ID (Standard): 12F0044287.D Heated Purge: (Y/N) N
 Calibration ID: 90783

	BNB		#	RT #	#	RT #
	AREA #	RT #				
12/24 HOUR STD	338389171	1.48				
UPPER LIMIT	676778342	1.55				
LOWER LIMIT	169194586	1.41				
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCV 460-883285/4		444923325	1.48			
CCV 460-883285/5		403636355	1.48			
LCS 460-883205/2-A		317215154	1.48			
LCSD 460-883205/3-A		323169391	1.48			
MB 460-883205/1-A		269364865	1.48			
460-271282-2	BCS-09-16_ (7-7.5)	285502648	1.48			

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-883205/2-A
 Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12
 Date Analyzed (1): 12/15/2022 03:54 Date Analyzed (2): 12/15/2022 03:54
 GC Column (1): Rtx-CLP ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		4.51	4.50	4.52	0.124		11.4
	2		5.40	5.39	5.41	0.139		
4,4'-DDT	1		4.83	4.82	4.84	0.105		13.8
	2		5.73	5.72	5.74	0.121		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-883205/3-A
 Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12
 Date Analyzed (1): 12/15/2022 04:07 Date Analyzed (2): 12/15/2022 04:07
 GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		4.51	4.50	4.52	0.125		8.9
	2		5.40	5.39	5.41	0.136		
4,4'-DDT	1		4.83	4.82	4.84	0.105		11.7
	2		5.73	5.72	5.74	0.118		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: BCS-09-16_(7-7.5) Lab Sample ID: 460-271282-2
 Matrix: Solid Lab File ID: 12F0044301.D
 Analysis Method: 8081B Date Collected: 12/13/2022 13:10
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.06(g) Date Analyzed: 12/15/2022 05:57
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 17.6 % Solids: 82.4 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		43-150
877-09-8	Tetrachloro-m-xylene	90		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
 Lims ID: 460-271282-A-2-A
 Client ID: BCS-09-16_(7-7.5)
 Sample Type: Client
 Inject. Date: 15-Dec-2022 05:57:59 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-017
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 07:46:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene
 1 1.556 1.556 0.000 156809852 100.0
 2 1.482 1.482 0.000 285502648 100.0
 RPD = 0.00

\$ 4 Tetrachloro-m-xylene
 1 2.075 2.075 0.000 84051476 45.2
 2 1.838 1.838 0.000 143895914 39.4
 RPD = 13.73

\$ 24 DCB Decachlorobiphenyl
 1 8.334 8.337 -0.003 72354522 44.3
 2 7.332 7.336 -0.004 136376745 38.8
 RPD = 13.32

Reagents:

SGPESTISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D

Injection Date: 15-Dec-2022 05:57:59

Instrument ID: CPESTGC12

Operator ID:

Lims ID: 460-271282-A-2-A

Lab Sample ID: 460-271282-2

Worklist Smp#: 17

Client ID: BCS-09-16_(7-7.5)

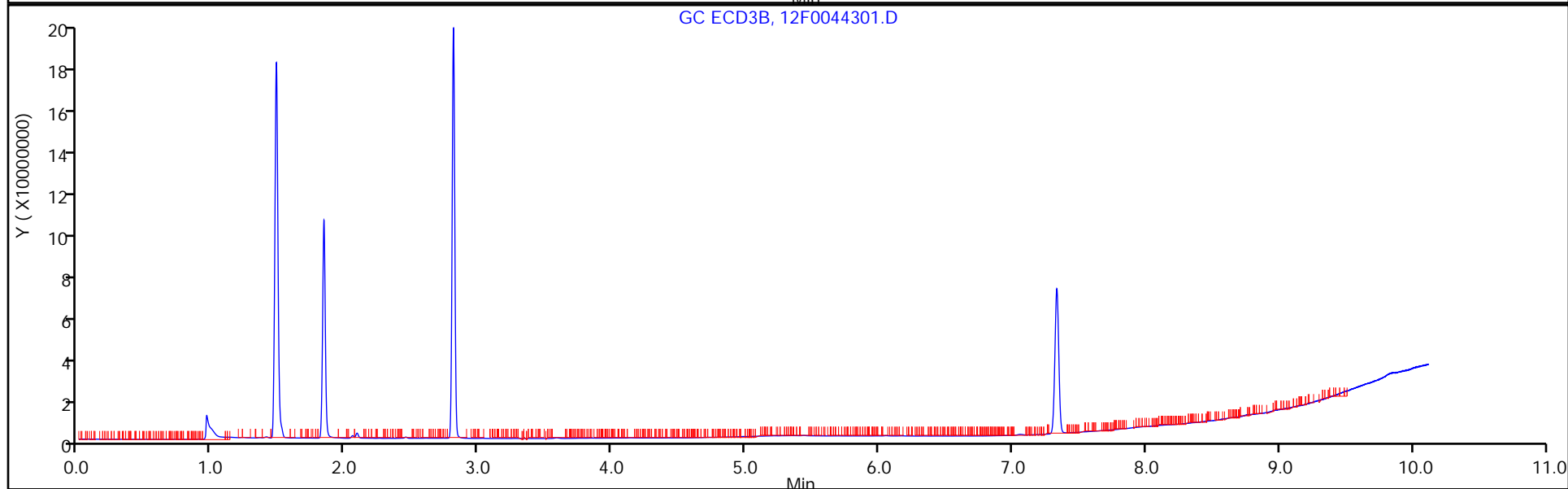
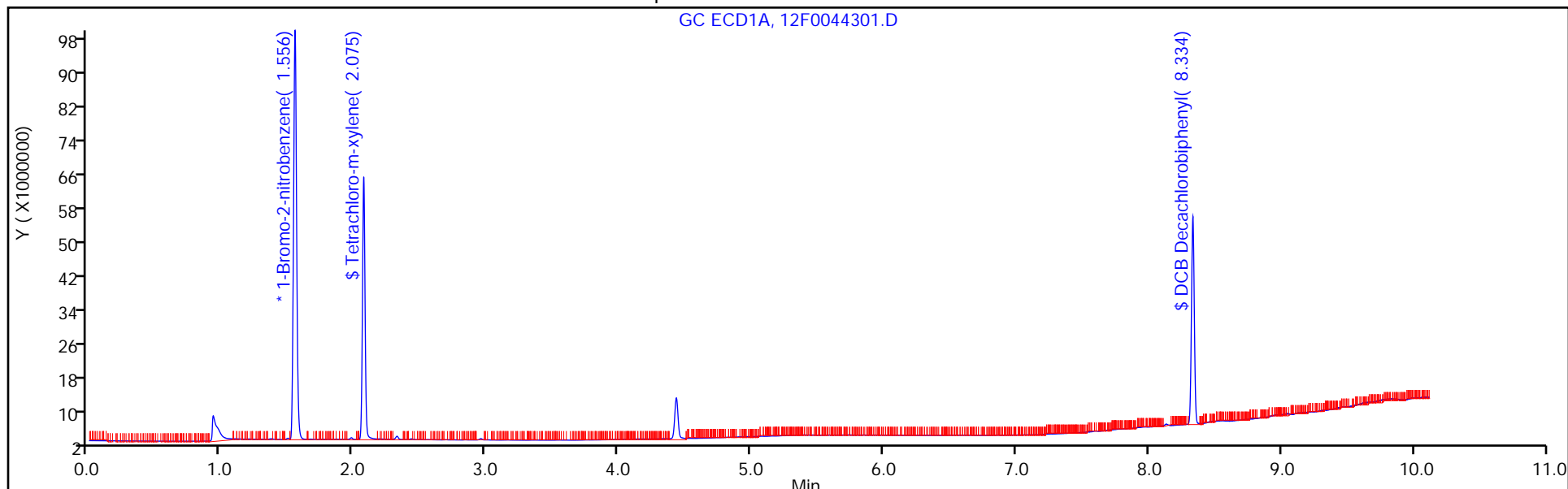
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
 Lims ID: 460-271282-A-2-A
 Client ID: BCS-09-16_(7-7.5)
 Sample Type: Client
 Inject. Date: 15-Dec-2022 05:57:59 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-017
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659
 First Level Reviewer: ESS0 Date: 15-Dec-2022 07:46:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	45.2	90.42
\$ 24 DCB Decachlorobiphenyl	50.0	44.3	88.59

Surrogate Recovery, Detector: GC ECD2B

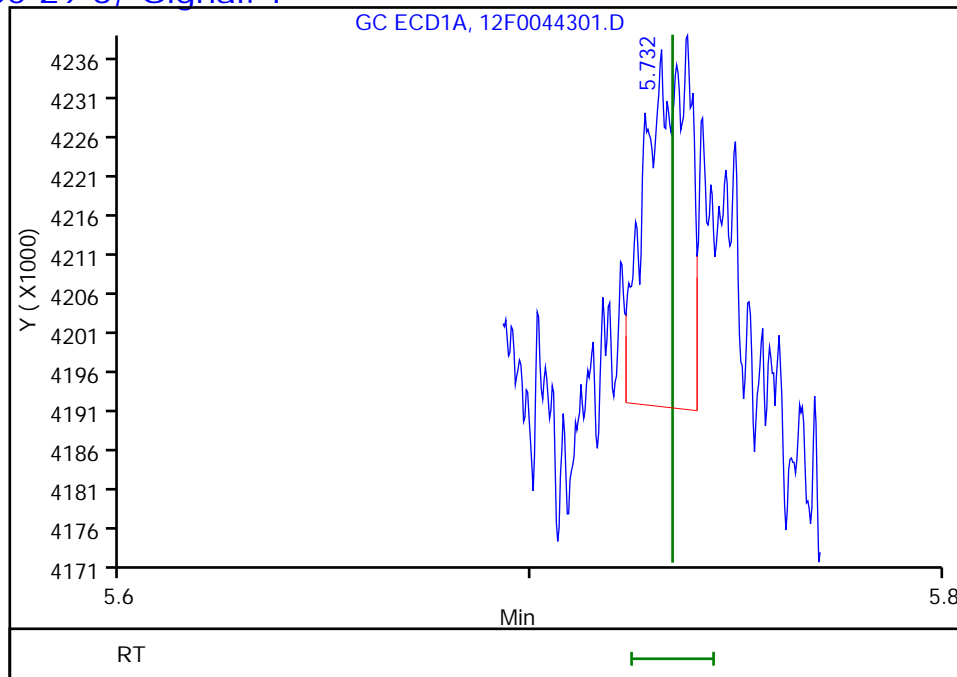
Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	39.4	78.81
\$ 24 DCB Decachlorobiphenyl	50.0	38.8	77.53

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
Injection Date: 15-Dec-2022 05:57:59 Instrument ID: CPESTGC12
Lims ID: 460-271282-A-2-A Lab Sample ID: 460-271282-2
Client ID: BCS-09-16_(7-7.5)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.73
Response: 33833
Amount: 0.019109



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.83
Response: 13618
Amount: 0.003894



Reviewer: ESS0, 15-Dec-2022 07:46:23
Audit Action: Marked Compound Undetected

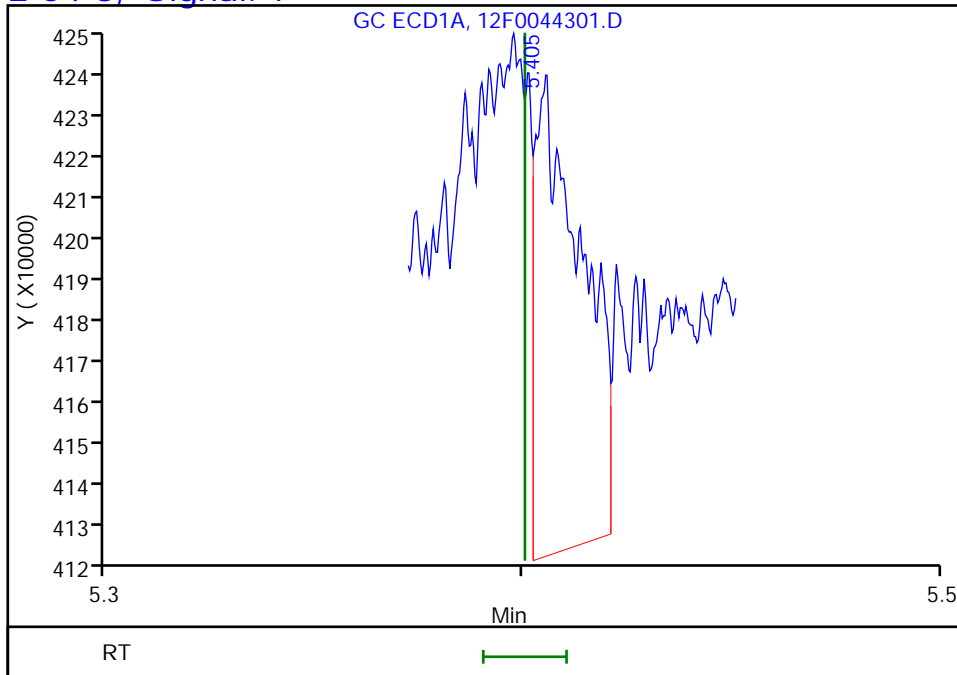
Audit Reason: Invalid Compound ID

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D		
Injection Date:	15-Dec-2022 05:57:59	Instrument ID:	CPESTGC12
Lims ID:	460-271282-A-2-A	Lab Sample ID:	460-271282-2
Client ID:	BCS-09-16_(7-7.5)		
Operator ID:		ALS Bottle#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD
Column:		Detector	GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

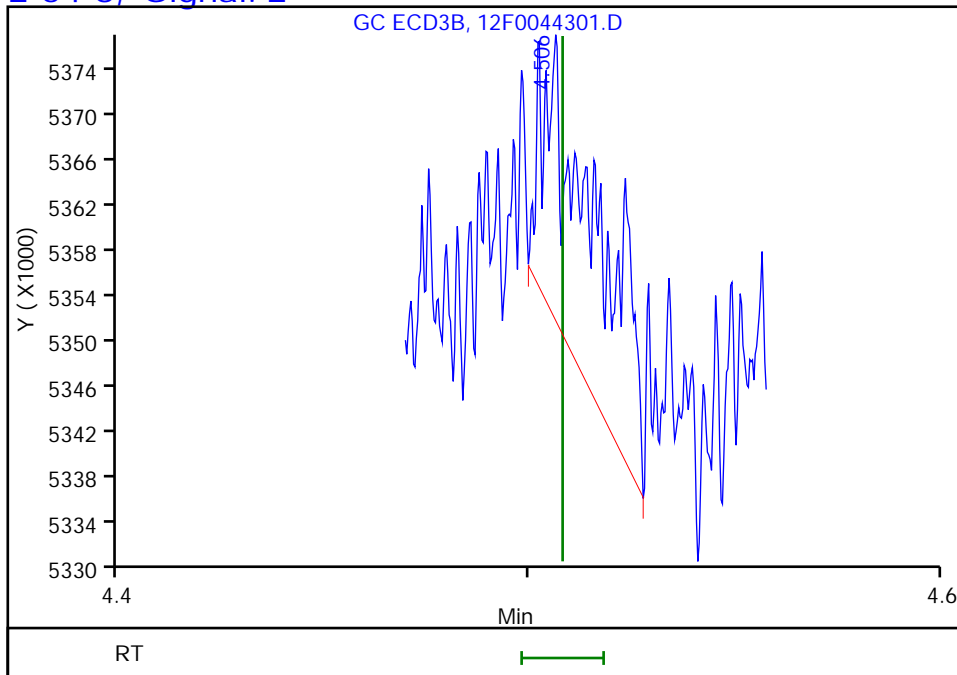
RT: 5.41
 Response: 85253
 Amount: 0.047869



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.51
 Response: 24842
 Amount: 0.007282



Reviewer: ESS0, 15-Dec-2022 07:46:23
 Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: BCS-09-16_(7-7.5) Lab Sample ID: 460-271282-2
 Matrix: Solid Lab File ID: 12F0044301.D
 Analysis Method: 8081B Date Collected: 12/13/2022 13:10
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.06(g) Date Analyzed: 12/15/2022 05:57
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)
 % Moisture: 17.6 % Solids: 82.4 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.0081	U	0.0081	0.0015
72-54-8	4,4'-DDD	0.0081	U	0.0081	0.0014

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		43-150
877-09-8	Tetrachloro-m-xylene	79		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
 Lims ID: 460-271282-A-2-A
 Client ID: BCS-09-16_(7-7.5)
 Sample Type: Client
 Inject. Date: 15-Dec-2022 05:57:59 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-017
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 07:46:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene
 1 1.556 1.556 0.000 156809852 100.0
 2 1.482 1.482 0.000 285502648 100.0
 RPD = 0.00

\$ 4 Tetrachloro-m-xylene
 1 2.075 2.075 0.000 84051476 45.2
 2 1.838 1.838 0.000 143895914 39.4
 RPD = 13.73

\$ 24 DCB Decachlorobiphenyl
 1 8.334 8.337 -0.003 72354522 44.3
 2 7.332 7.336 -0.004 136376745 38.8
 RPD = 13.32

Reagents:

SGPESTISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D

Injection Date: 15-Dec-2022 05:57:59

Instrument ID: CPESTGC12

Operator ID:

Lims ID: 460-271282-A-2-A

Lab Sample ID: 460-271282-2

Worklist Smp#: 17

Client ID: BCS-09-16_(7-7.5)

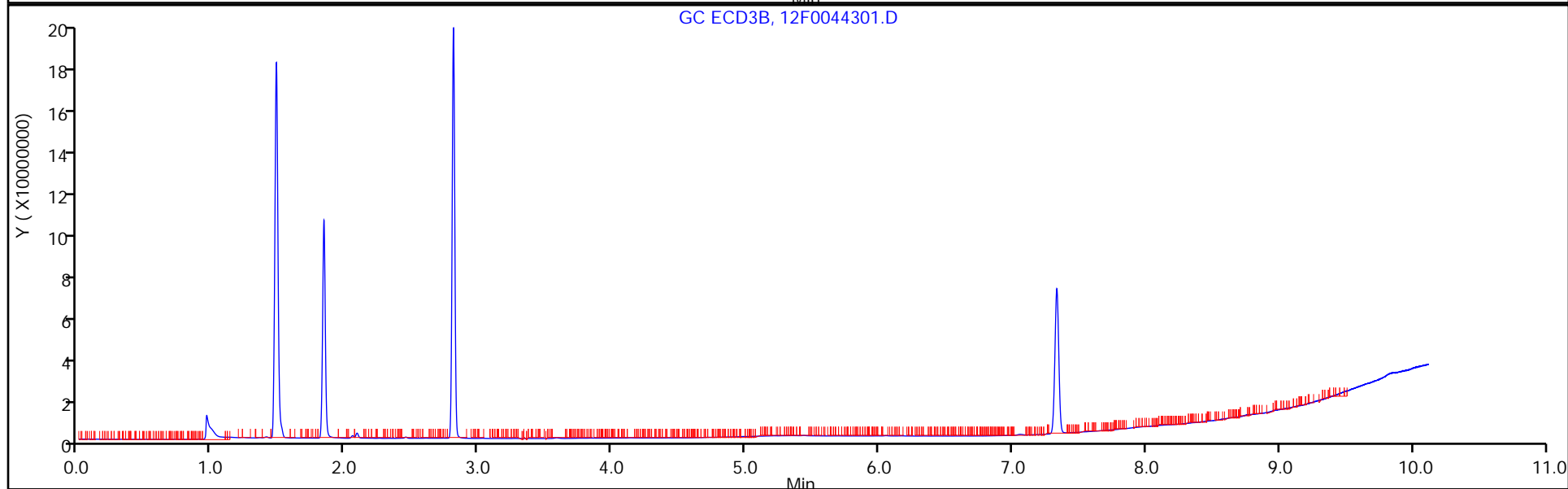
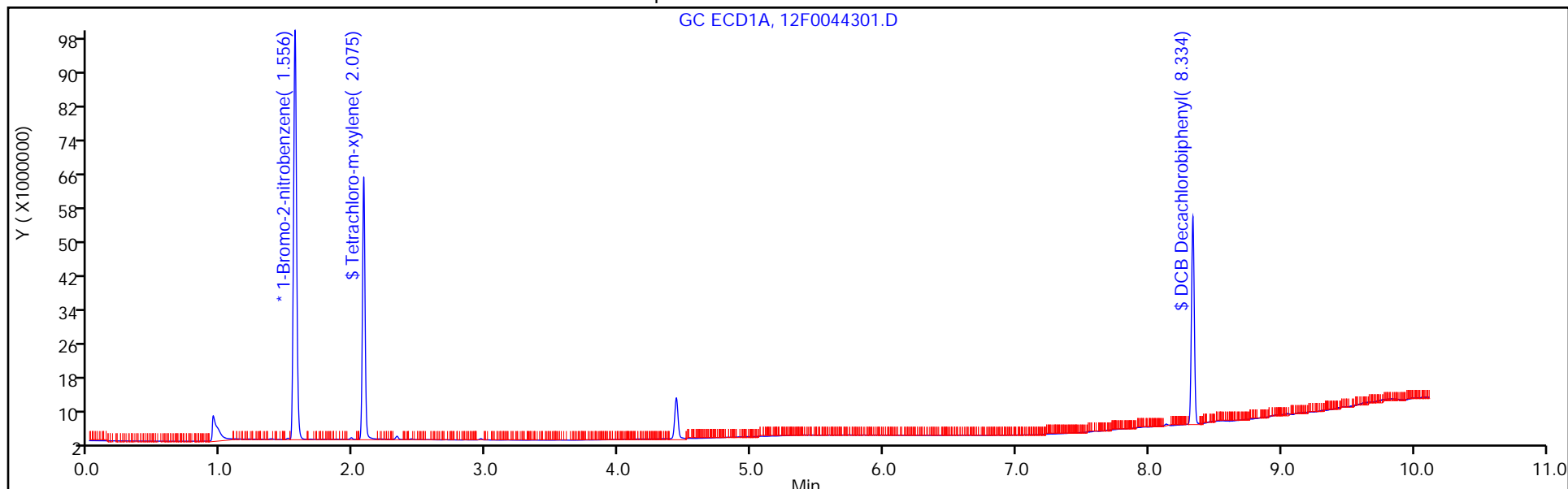
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 17

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
 Lims ID: 460-271282-A-2-A
 Client ID: BCS-09-16_(7-7.5)
 Sample Type: Client
 Inject. Date: 15-Dec-2022 05:57:59 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-017
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659
 First Level Reviewer: ESS0 Date: 15-Dec-2022 07:46:23

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	45.2	90.42
\$ 24 DCB Decachlorobiphenyl	50.0	44.3	88.59

Surrogate Recovery, Detector: GC ECD2B

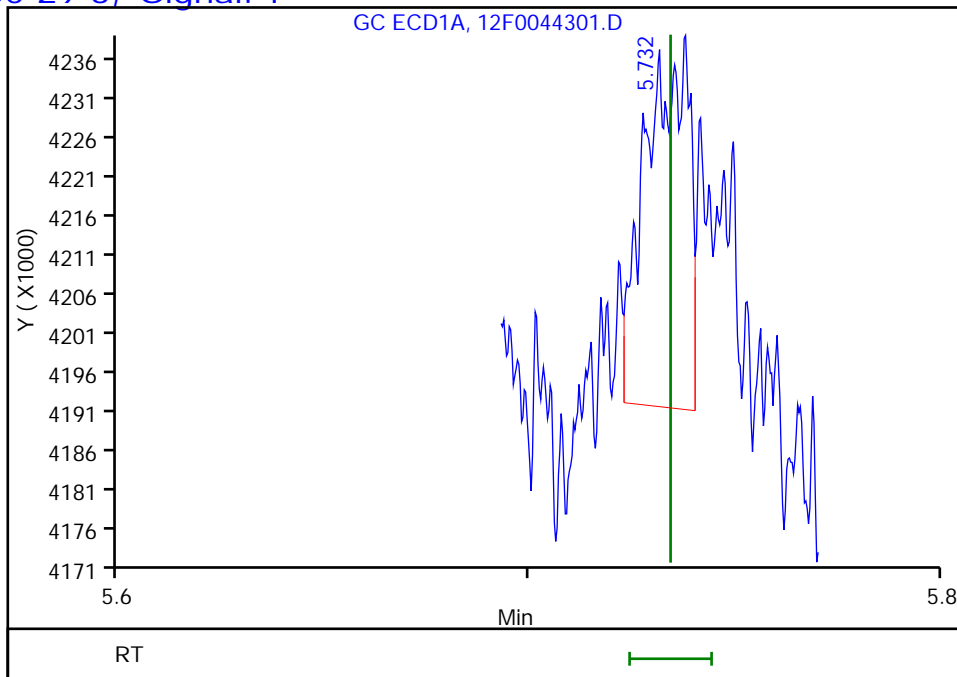
Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	39.4	78.81
\$ 24 DCB Decachlorobiphenyl	50.0	38.8	77.53

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
Injection Date: 15-Dec-2022 05:57:59 Instrument ID: CPESTGC12
Lims ID: 460-271282-A-2-A Lab Sample ID: 460-271282-2
Client ID: BCS-09-16_(7-7.5)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.73
Response: 33833
Amount: 0.019109



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.83
Response: 13618
Amount: 0.003894



Reviewer: ESS0, 15-Dec-2022 07:46:23
Audit Action: Marked Compound Undetected

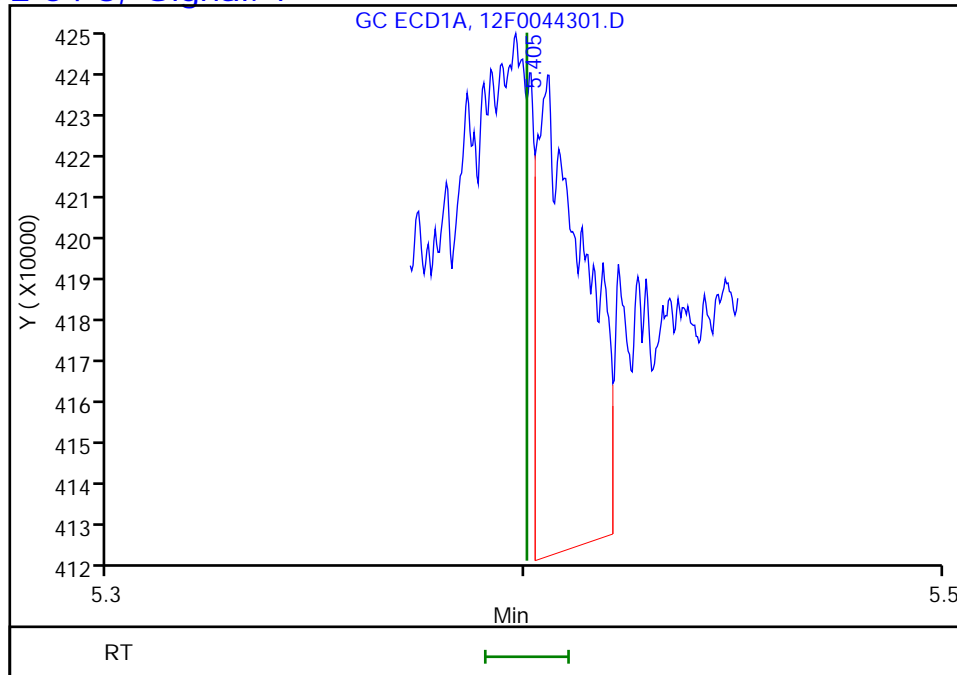
Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044301.D
Injection Date: 15-Dec-2022 05:57:59 Instrument ID: CPESTGC12
Lims ID: 460-271282-A-2-A Lab Sample ID: 460-271282-2
Client ID: BCS-09-16_(7-7.5)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

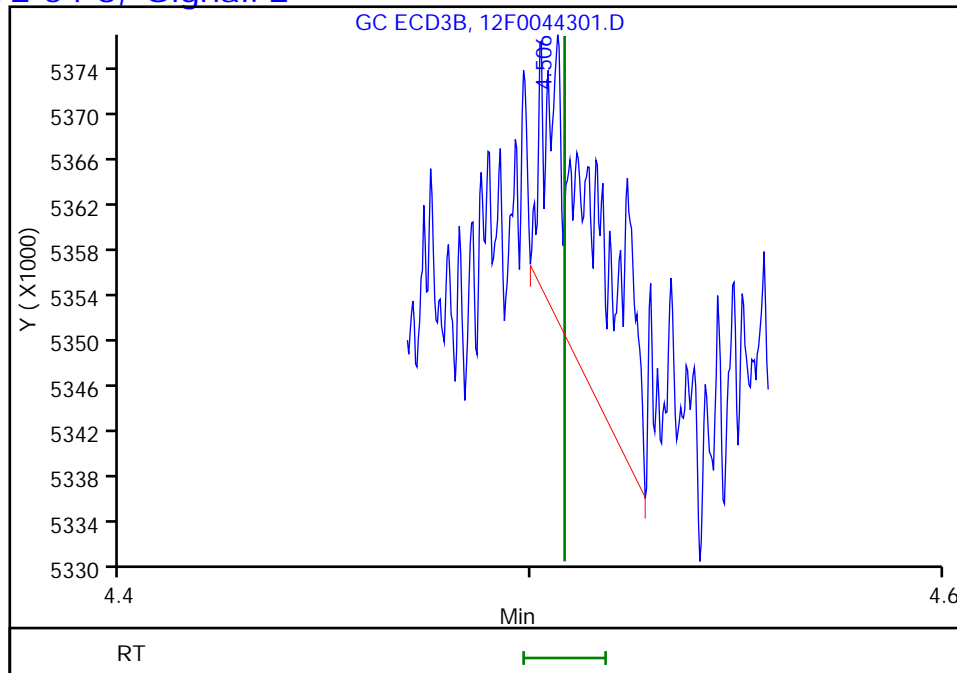
RT: 5.41
Response: 85253
Amount: 0.047869



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.51
Response: 24842
Amount: 0.007282



Reviewer: ESS0, 15-Dec-2022 07:46:23
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 851539

SDG No.: _____

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2022 11:07 Calibration End Date: 06/23/2022 11:57 Calibration ID: 90764

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-851539/4	12F0038953.D
Level 2	IC 460-851539/5	12F0038954.D
Level 3	ICIS 460-851539/3	12F0038952.D
Level 4	IC 460-851539/6	12F0038955.D
Level 5	IC 460-851539/7	12F0038956.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.6238	1.5787	1.6618	1.8443	1.8789	Ave		1.7175			7.9	20.0					
gamma-BHC (Lindane)	1.5253	1.3818	1.4745	1.6007	1.6050	Ave		1.5175			6.2	20.0					
beta-BHC	0.3849	0.6014	0.6292	0.6686	0.6583	Ave		0.5885			19.8	20.0					
delta-BHC	1.3697	1.3497	1.4087	1.6252	1.6372	Ave		1.4781			9.6	20.0					
Heptachlor	1.5381	1.3053	1.4226	1.5021	1.4827	Ave		1.4502			6.3	20.0					
Aldrin	1.4251	1.2668	1.4069	1.4900	1.4820	Ave		1.4142			6.3	20.0					
Heptachlor epoxide	1.3626	1.1408	1.2496	1.3192	1.2809	Ave		1.2706			6.6	20.0					
trans-Chlordane	1.3221	1.1286	1.2525	1.3472	1.3384	Ave		1.2777			7.1	20.0					
cis-Chlordane	1.3461	1.0965	1.2052	1.2885	1.2734	Ave		1.2419			7.7	20.0					
Endosulfan I	1.2835	1.0408	1.1417	1.2178	1.1768	Ave		1.1721			7.7	20.0					
4,4'-DDE	1.3436	1.1217	1.2967	1.3890	1.3617	Ave		1.3025			8.2	20.0					
Dieldrin	1.4986	1.2151	1.3444	1.4288	1.3854	Ave		1.3745			7.7	20.0					
Endrin	1.4259	1.1622	1.2877	1.3496	1.2968	Ave		1.3044			7.4	20.0					
4,4'-DDD	1.1958	0.9993	1.1229	1.1990	1.1617	Ave		1.1358			7.2	20.0					
Endosulfan II	1.3523	0.8267	1.1849	1.2151	1.1864	Ave		1.1531			16.9	20.0					
4,4'-DDT	1.1866	0.9619	1.1197	1.2050	1.1723	Ave		1.1291			8.7	20.0					
Endrin aldehyde	1.0802	0.8020	0.9297	0.9888	0.9183	Ave		0.9438			10.8	20.0					
Endosulfan sulfate	1.1615	0.9890	1.0766	1.1635	1.0961	Ave		1.0973			6.5	20.0					
Methoxychlor	0.7347	0.5727	0.6332	0.6523	0.6061	Ave		0.6398			9.5	20.0					
Mirex	1.1385	0.7465	0.9074	0.9113	0.8439	Ave		0.9095			15.9	20.0					
Endrin ketone	1.3673	1.0940	1.1043	1.2381	1.1662	Ave		1.1940			9.4	20.0					
Tetrachloro-m-xylene	1.1479	1.0637	1.2592	1.2367	1.2203	Ave		1.1856			6.7	20.0					
DCB Decachlorobiphenyl	1.1518	0.9197	1.0759	1.0547	1.0062	Ave		1.0417			8.3	20.0					

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 851539

SDG No.: _____

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2022 11:07 Calibration End Date: 06/23/2022 11:57 Calibration ID: 90764

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-851539/4	12F0038953.D
Level 2	IC 460-851539/5	12F0038954.D
Level 3	ICIS 460-851539/3	12F0038952.D
Level 4	IC 460-851539/6	12F0038955.D
Level 5	IC 460-851539/7	12F0038956.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	5770724	105150013	212096107	604981087	124502756 5	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	5420951	92037695	188198819	525064323	106355031 3	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	1367976	40057777	80307430	219313202	436205758	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	4867853	89894199	179799258	533105048	108487883 2	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	5466237	86942308	181568308	492732970	982531200	2.50	50.0	100	250	500
Aldrin	BNB	Ave	5064862	84378652	179561720	488750398	982039610	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	4842430	75982542	159492128	432716065	848764743	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	4698640	75172393	159853000	441897367	886877530	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	4783913	73031077	153827330	422669525	843814996	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	4561422	69325255	145711449	399464363	779778879	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	4774961	74710658	165496944	455629219	902326018	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	5325883	80935185	171585661	468679129	918060503	2.50	50.0	100	250	500
Endrin	BNB	Ave	5067381	77406354	164346705	442700120	859334850	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	4249919	66558001	143316808	393300820	769833794	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	4806037	55062108	151231890	398586827	786184005	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	4217062	64069776	142904958	395270784	776807322	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	3838810	53419619	118661032	324350083	608505237	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	4127761	65873327	137403475	381659592	726347392	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	2611198	38147715	80816862	213973683	401627843	2.50	50.0	100	250	500
Mirex	BNB	Ave	4046261	49717885	115816437	298937331	559221864	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	4859293	72866780	140941695	406132780	772796982	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	10198797	70850714	160707507	243396649	323455596	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	10233613	61258381	137313414	207579325	266714607	6.25	50.0	100	150	200

Curve Type Legend

Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 23-Jun-2022 11:07:47 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-003
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:22 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

First Level Reviewer: OR9X Date: 24-Jun-2022 17:18:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.633	1.633	0.000	127631470	100.0	100.0	
2	1.548	1.548	0.000	212839221	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	160707507	100.0	106.2	
2	1.914	1.914	0.000	285366217	100.0	104.8	
							RPD = 1.31

15 alpha-BHC

1	2.603	2.603	0.000	212096107	100.0	96.8	
2	2.233	2.233	0.000	362590591	100.0	94.4	
							RPD = 2.47

2 gamma-BHC (Lindane)

1	2.904	2.904	0.000	188198819	100.0	97.2	
2	2.438	2.438	0.000	333775522	100.0	94.3	
							RPD = 3.05

6 beta-BHC

1	2.963	2.963	0.000	80307430	100.0	106.9	
2	2.490	2.490	0.000	140318045	100.0	94.6	
							RPD = 12.25

32 delta-BHC

1	3.260	3.260	0.000	179799258	100.0	95.3	
2	2.623	2.623	0.000	309638517	100.0	93.7	
							RPD = 1.68

18 Heptachlor

1	3.353	3.353	0.000	181568308	100.0	98.1	
2	2.786	2.786	0.000	322332954	100.0	94.7	
							RPD = 3.48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	179561720	100.0	99.5	
2	3.037	3.037	0.000	324749536	100.0	95.7	
						RPD = 3.83	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	159492128	100.0	98.3	
2	3.630	3.630	0.000	294534436	100.0	96.2	
						RPD = 2.17	
9 trans-Chlordane							
1	4.621	4.621	0.000	159853000	100.0	98.0	
2	3.764	3.764	0.000	304868644	100.0	95.2	
						RPD = 2.89	
23 cis-Chlordane							
1	4.792	4.792	0.000	153827330	100.0	97.0	
2	3.906	3.906	0.000	288858864	100.0	94.6	
						RPD = 2.58	
7 Endosulfan I							
1	4.858	4.858	0.000	145711449	100.0	97.4	
2	4.053	4.053	0.000	270588462	100.0	95.6	
						RPD = 1.82	
25 4,4'-DDE							
1	4.962	4.962	0.000	165496944	100.0	99.6	
2	3.984	3.984	0.000	305692967	100.0	96.5	
						RPD = 3.10	
30 Dieldrin							
1	5.132	5.132	0.000	171585661	100.0	97.8	
2	4.310	4.310	0.000	291565266	100.0	94.3	
						RPD = 3.65	
20 Endrin							
1	5.417	5.417	0.000	164346705	100.0	98.7	
2	4.582	4.582	0.000	289057303	100.0	98.2	
						RPD = 0.54	
16 4,4'-DDD							
1	5.528	5.528	0.000	143316808	100.0	98.9	
2	4.665	4.665	0.000	245157596	100.0	96.4	
						RPD = 2.53	
11 Endosulfan II							
1	5.628	5.628	0.000	151231890	100.0	102.8	
2	4.831	4.831	0.000	256767476	100.0	100.1	
						RPD = 2.62	
21 4,4'-DDT							
1	5.886	5.886	0.000	142904958	100.0	99.2	
2	4.961	4.961	0.000	247816089	100.0	95.1	
						RPD = 4.24	
5 Endrin aldehyde							
1	6.026	6.026	0.000	118661032	100.0	98.5	
2	5.233	5.233	0.000	210101662	100.0	94.6	
						RPD = 4.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.419	6.419	0.000	137403475	100.0	98.1	
2	5.641	5.641	0.000	228137247	100.0	93.8	
							RPD = 4.52

10 Methoxychlor

1	6.981	6.981	0.000	80816862	100.0	99.0	
2	5.431	5.431	0.000	136508470	100.0	95.1	
							RPD = 4.03

34 Mirex

1	7.174	7.174	0.000	115816437	100.0	99.8	
2	5.515	5.515	0.000	202491781	100.0	96.2	
							RPD = 3.67

13 Endrin ketone

1	7.253	7.253	0.000	140941695	100.0	92.5	
2	5.941	5.941	0.000	255447264	100.0	95.3	
							RPD = 2.99

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	137313414	100.0	103.3	
2	7.466	7.466	0.000	246974282	100.0	94.2	
							RPD = 9.23

QC Flag Legend

Processing Flags

Reagents:

SGPESTL3_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfins\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D

Injection Date: 23-Jun-2022 11:07:47

Instrument ID: CPESTGC12

Operator ID:

Lims ID: ICIS

Worklist Smp#: 3

Client ID:

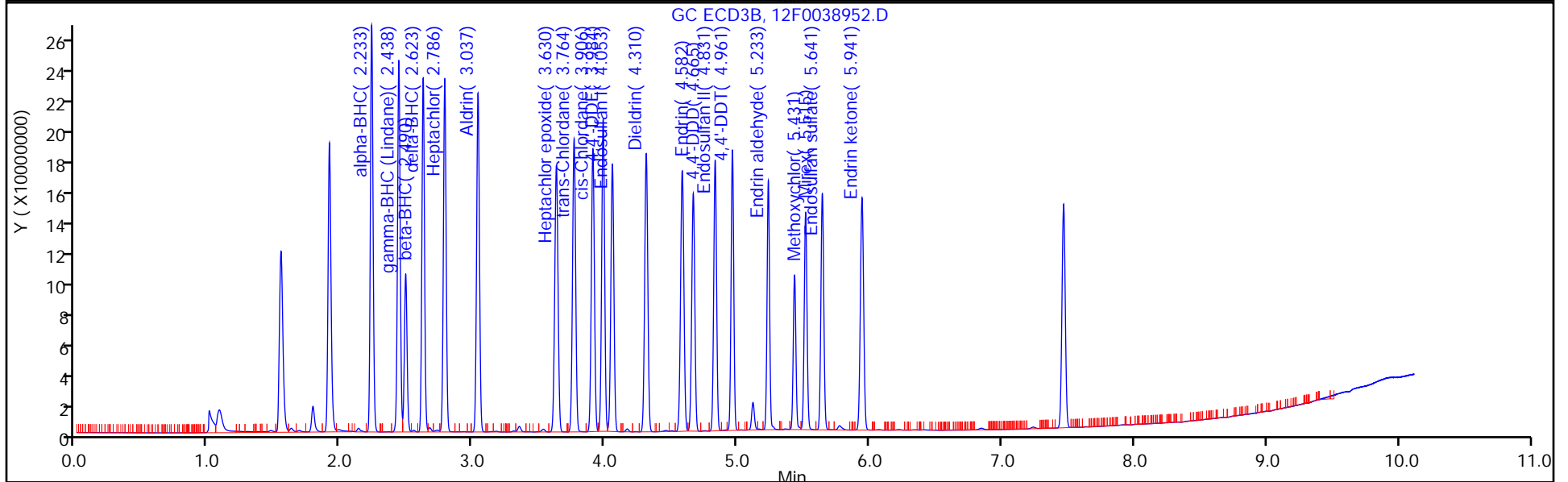
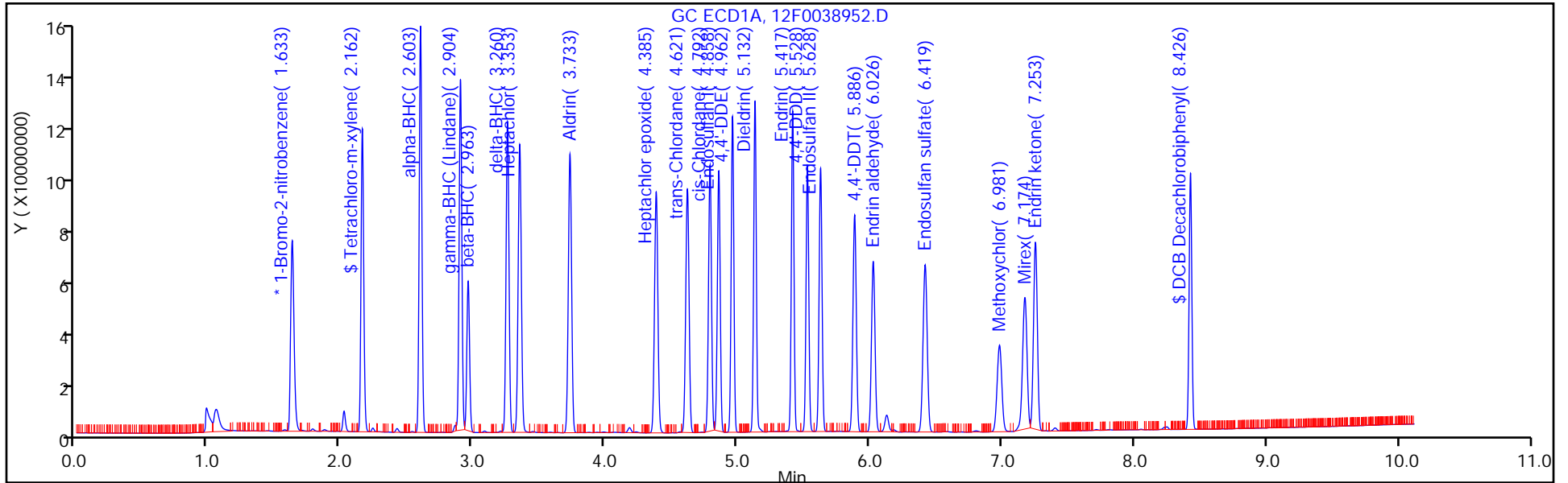
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison

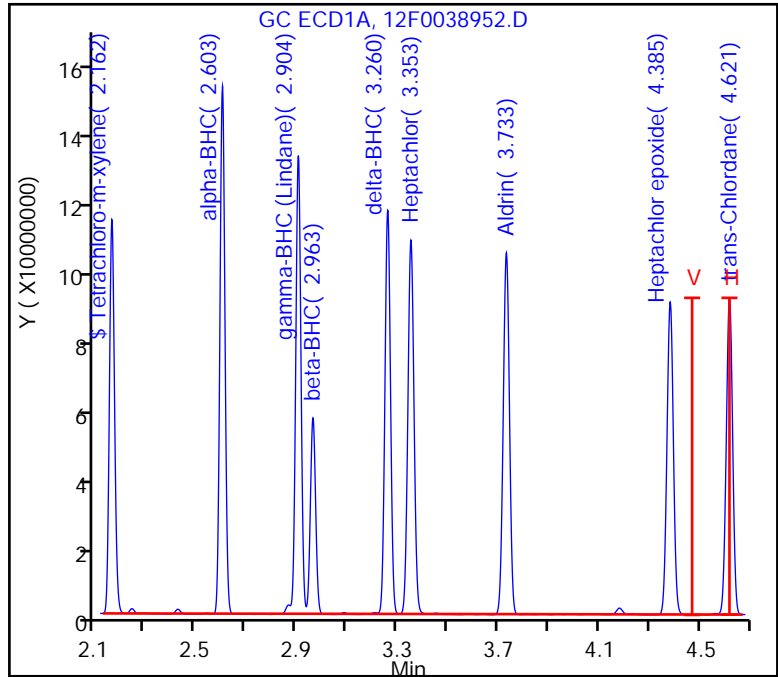
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

\$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 90577280
H(Smaller Peak Height) = 90468008

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

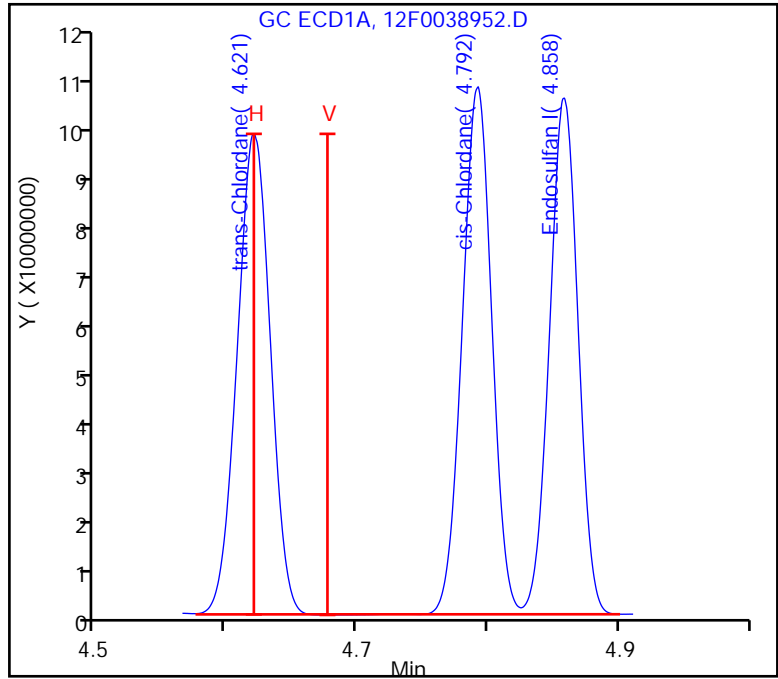
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 90475056
H(Smaller Peak Height) = 90367376

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

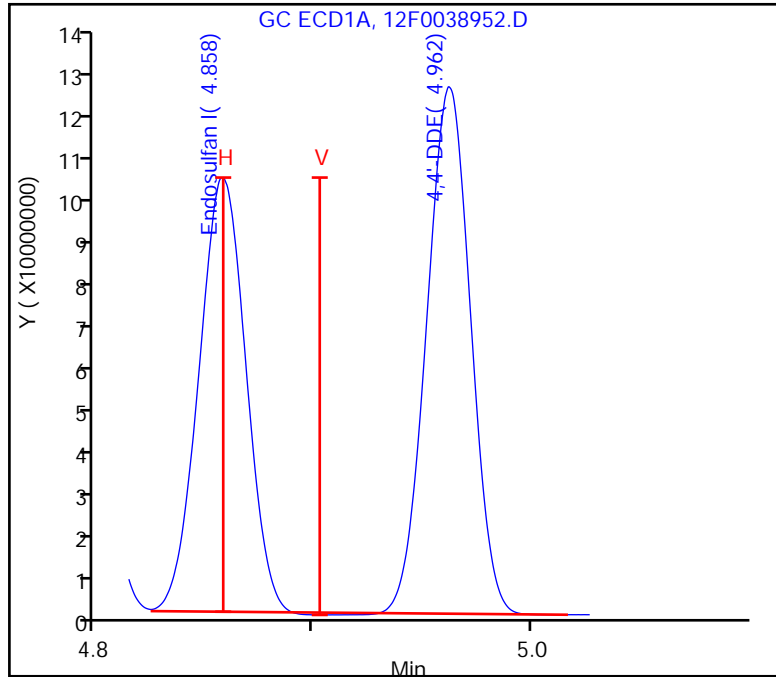
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

$\%Resolution = (V/H) * 100$
V(Valley Height) = 97058608
H(Smaller Peak Height) = 96345264

$\%Resolution = 100.0$, Min. Resolution > 100.0
Passed



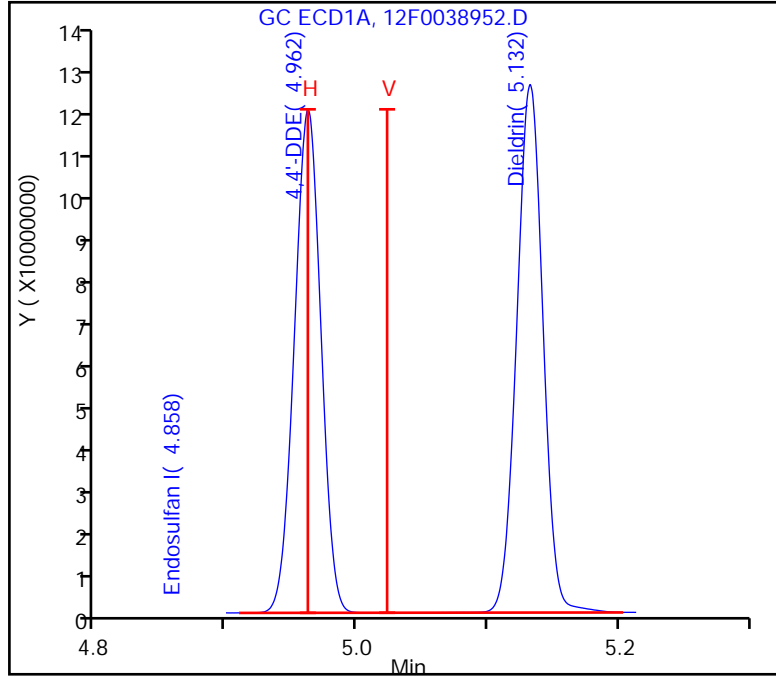
Eurofins Edison

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Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 117174520
H(Smaller Peak Height) = 117195136

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

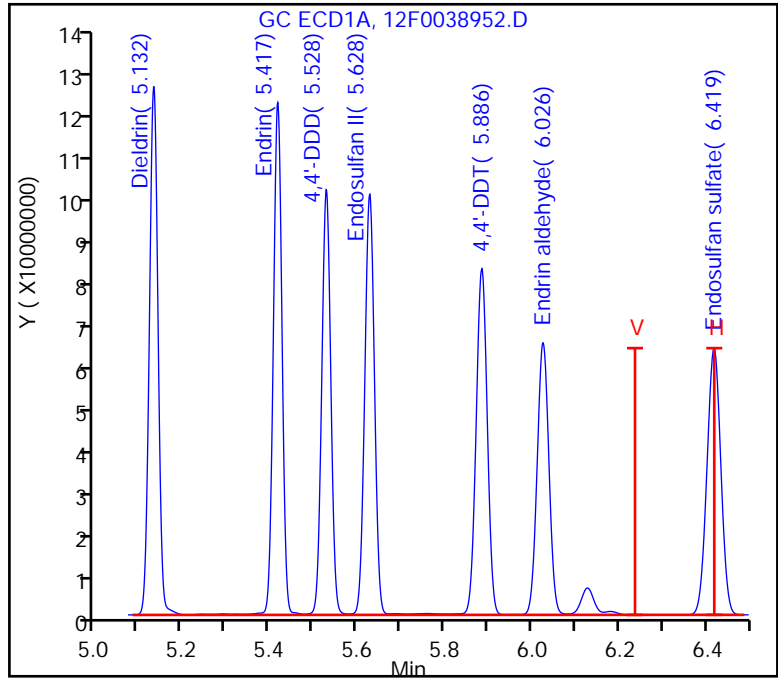
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Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 62050408
H(Smaller Peak Height) = 62036412

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

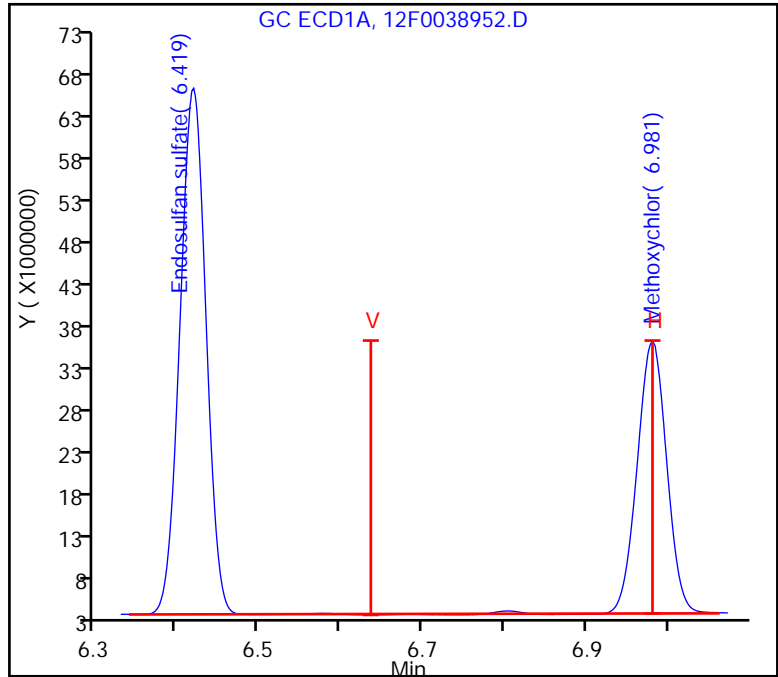
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 32333094
H(Smaller Peak Height) = 32158906

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

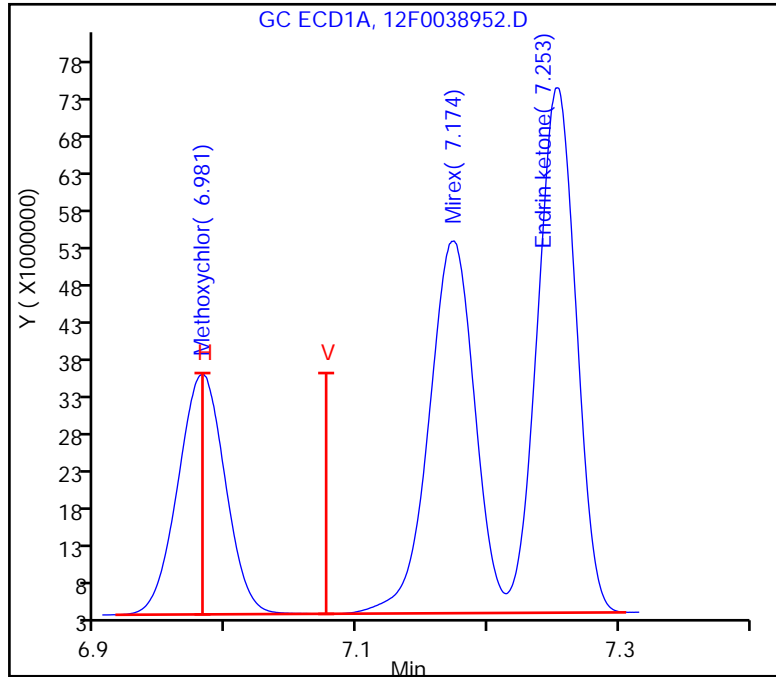
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D
Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 32111868
H(Smaller Peak Height) = 32171702

%Resolution = 99.8, Min. Resolution > 60.0
Passed



Eurofins Edison

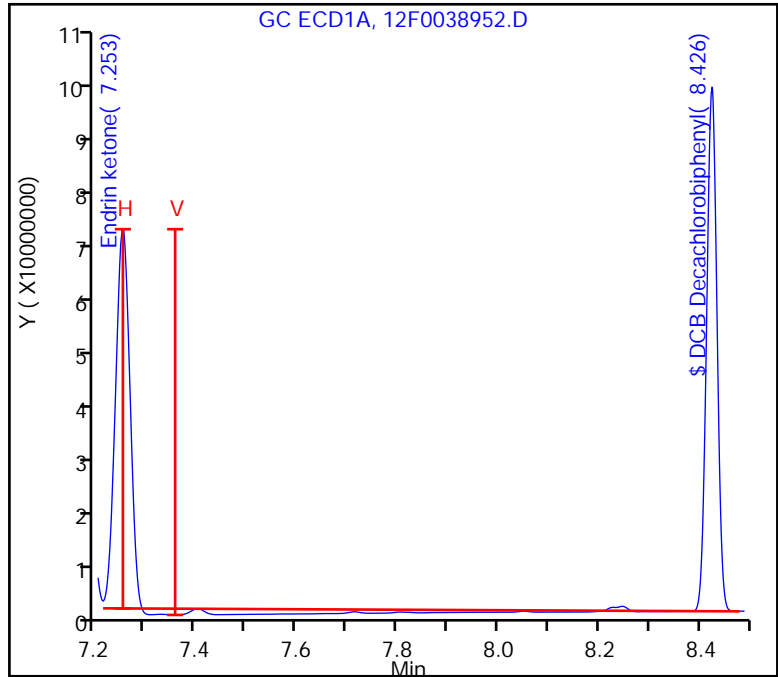
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - \$ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 69964968
H(Smaller Peak Height) = 68783168

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-Jun-2022 11:20:07 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-004
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:28 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

First Level Reviewer: OR9X Date: 24-Jun-2022 17:18:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.633	1.633	0.000	142156692	100.0	100.0	
2	1.548	1.548	0.000	226516872	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.161	2.162	-0.001	10198797	6.25	6.05	
2	1.914	1.914	0.000	18731199	6.25	6.47	
							RPD = 6.61

15 alpha-BHC

1	2.602	2.603	-0.001	5770724	2.50	2.36	
2	2.233	2.233	0.000	9465663	2.50	2.32	
							RPD = 2.06

2 gamma-BHC (Lindane)

1	2.904	2.904	0.000	5420951	2.50	2.51	
2	2.438	2.438	0.000	9170590	2.50	2.43	
							RPD = 3.22

6 beta-BHC

1	2.963	2.963	0.000	1367976	2.50	1.64	
2	2.490	2.490	0.000	2325262	2.50	4.22	
							RPD = 88.27

32 delta-BHC

1	3.260	3.260	0.000	4867853	2.50	2.32	
2	2.622	2.623	-0.001	7812238	2.50	2.22	
							RPD = 4.18

18 Heptachlor

1	3.352	3.353	-0.001	5466237	2.50	2.65	
2	2.784	2.786	-0.002	9500086	2.50	2.62	
							RPD = 1.06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.732	3.733	-0.001	5064862	2.50	2.52	
2	3.036	3.037	-0.001	8897847	2.50	2.46	
						RPD = 2.18	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	4842430	2.50	2.68	
2	3.629	3.630	-0.001	8833709	2.50	2.71	
						RPD = 1.15	
9 trans-Chlordane							
1	4.621	4.621	0.000	4698640	2.50	2.59	
2	3.763	3.764	-0.001	8933452	2.50	2.62	
						RPD = 1.35	
23 cis-Chlordane							
1	4.792	4.792	0.000	4783913	2.50	2.71	
2	3.905	3.906	-0.001	8792489	2.50	2.70	
						RPD = 0.18	
7 Endosulfan I							
1	4.858	4.858	0.000	4561422	2.50	2.74	
2	4.053	4.053	0.000	8459145	2.50	2.81	
						RPD = 2.60	
25 4,4'-DDE							
1	4.961	4.962	-0.001	4774961	2.50	2.58	
2	3.983	3.984	-0.001	8762616	2.50	2.60	
						RPD = 0.79	
30 Dieldrin							
1	5.132	5.132	0.000	5325883	2.50	2.73	
2	4.308	4.310	-0.002	8557249	2.50	2.60	
						RPD = 4.70	
20 Endrin							
1	5.416	5.417	-0.001	5067381	2.50	2.73	
2	4.582	4.582	0.000	7962415	2.50	2.54	
						RPD = 7.26	
16 4,4'-DDD							
1	5.528	5.528	0.000	4249919	2.50	2.63	M
2	4.664	4.665	-0.001	6855560	2.50	2.53	M
						RPD = 3.85	
11 Endosulfan II							
1	5.628	5.628	0.000	4806037	2.50	2.93	M
2	4.830	4.831	-0.001	7641216	2.50	2.80	M
						RPD = 4.63	
21 4,4'-DDT							
1	5.885	5.886	-0.001	4217062	2.50	2.63	M
2	4.961	4.961	0.000	7192960	2.50	2.59	M
						RPD = 1.34	
5 Endrin aldehyde							
1	6.027	6.026	0.001	3838810	2.50	2.86	M
2	5.232	5.233	-0.001	6757693	2.50	2.86	M
						RPD = 0.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate							M
1	6.418	6.419	-0.001	4127761	2.50	2.65	
2	5.641	5.641	0.000	6617246	2.50	2.56	M
							RPD = 3.47
10 Methoxychlor							M
1	6.980	6.981	-0.001	2611198	2.50	2.87	
2	5.431	5.431	0.000	4416927	2.50	2.89	M
							RPD = 0.66
34 Mirex							M
1	7.174	7.174	0.000	4046261	2.50	3.13	
2	5.514	5.515	-0.001	6485073	2.50	2.89	M
							RPD = 7.82
13 Endrin ketone							M
1	7.253	7.253	0.000	4859293	2.50	2.86	
2	5.941	5.941	0.000	7783026	2.50	2.73	M
							RPD = 4.82
\$ 24 DCB Decachlorobiphenyl							
1	8.425	8.426	-0.001	10233613	6.25	6.91	
2	7.466	7.466	0.000	18349285	6.25	6.57	
							RPD = 5.00

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL1_00032

Amount Added: 1.00

Units: mL

SGPESTISTD_00018

Amount Added: 20.00

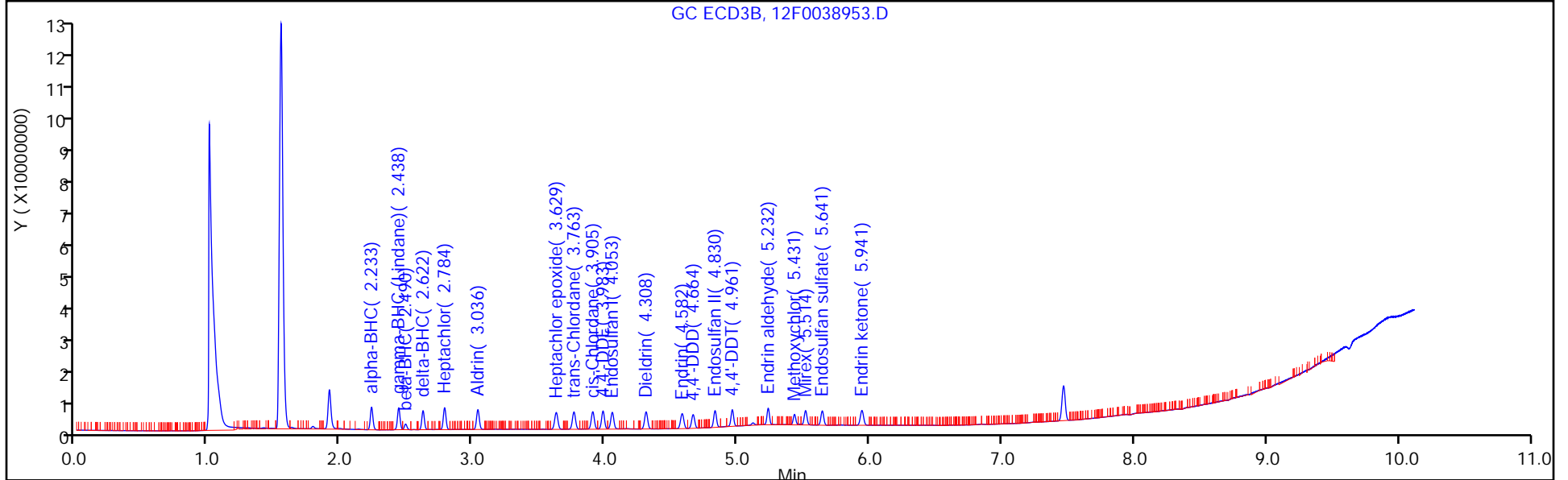
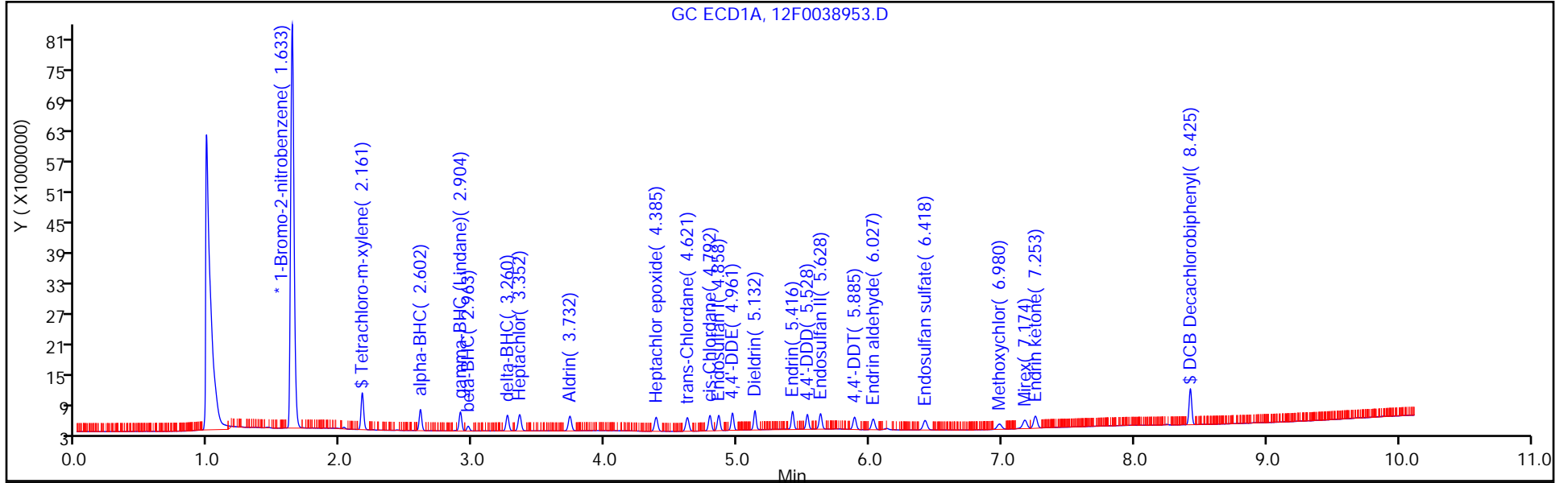
Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Operator ID:
Worklist Smp#: 4
ALS Bottle#: 4



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038954.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-Jun-2022 11:32:34 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-005
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:35 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	133211018	100.0	100.0	
2	1.547	1.548	-0.001	219609384	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	70850714	50.0	44.9	
2	1.914	1.914	0.000	120544747	50.0	42.9	
							RPD = 4.44

15 alpha-BHC

1	2.602	2.603	-0.001	105150013	50.0	46.0	
2	2.233	2.233	0.000	175514609	50.0	44.3	
							RPD = 3.71

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	92037695	50.0	45.5	
2	2.437	2.438	-0.001	161257041	50.0	44.1	
							RPD = 3.12

6 beta-BHC

1	2.963	2.963	0.000	40057777	50.0	51.1	
2	2.490	2.490	0.000	68839773	50.0	46.4	
							RPD = 9.57

32 delta-BHC

1	3.261	3.260	0.001	89894199	50.0	45.7	
2	2.622	2.623	-0.001	151508620	50.0	44.4	
							RPD = 2.68

18 Heptachlor

1	3.353	3.353	0.000	86942308	50.0	45.0	
2	2.785	2.786	-0.001	157694588	50.0	44.9	
							RPD = 0.19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	84378652	50.0	44.8	
2	3.037	3.037	0.000	156723457	50.0	44.8	
						RPD = 0.02	
12 Heptachlor epoxide							
1	4.384	4.385	-0.001	75982542	50.0	44.9	
2	3.628	3.630	-0.002	141794511	50.0	44.9	
						RPD = 0.02	
9 trans-Chlordane							
1	4.621	4.621	0.000	75172393	50.0	44.2	
2	3.763	3.764	-0.001	141746800	50.0	42.9	
						RPD = 2.88	
23 cis-Chlordane							
1	4.792	4.792	0.000	73031077	50.0	44.1	
2	3.905	3.906	-0.001	134593539	50.0	42.7	
						RPD = 3.31	
7 Endosulfan I							
1	4.858	4.858	0.000	69325255	50.0	44.4	
2	4.052	4.053	-0.001	125306210	50.0	42.9	
						RPD = 3.37	
25 4,4'-DDE							
1	4.962	4.962	0.000	74710658	50.0	43.1	
2	3.983	3.984	-0.001	136480551	50.0	41.8	
						RPD = 3.06	
30 Dieldrin							
1	5.132	5.132	0.000	80935185	50.0	44.2	
2	4.309	4.310	-0.001	140936101	50.0	44.2	
						RPD = 0.06	
20 Endrin							
1	5.417	5.417	0.000	77406354	50.0	44.5	
2	4.581	4.582	-0.001	135001188	50.0	44.4	
						RPD = 0.23	
16 4,4'-DDD							
1	5.528	5.528	0.000	66558001	50.0	44.0	
2	4.664	4.665	-0.001	111570327	50.0	42.5	
						RPD = 3.41	
11 Endosulfan II							
1	5.628	5.628	0.000	55062108	50.0	35.8	
2	4.830	4.831	-0.001	93317488	50.0	35.3	
						RPD = 1.65	
21 4,4'-DDT							
1	5.885	5.886	-0.001	64069776	50.0	42.6	
2	4.960	4.961	-0.001	111530981	50.0	41.5	
						RPD = 2.71	
5 Endrin aldehyde							
1	6.026	6.026	0.000	53419619	50.0	42.5	
2	5.232	5.233	-0.001	95320869	50.0	41.6	
						RPD = 2.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.418	6.419	-0.001	65873327	50.0	45.1	
2	5.641	5.641	0.000	110793829	50.0	44.1	
							RPD = 2.08

10 Methoxychlor

1	6.981	6.981	0.000	38147715	50.0	44.8	
2	5.431	5.431	0.000	65496392	50.0	44.2	
							RPD = 1.25

34 Mirex

1	7.173	7.174	-0.001	49717885	50.0	41.0	
2	5.514	5.515	-0.001	89834124	50.0	41.3	
							RPD = 0.76

13 Endrin ketone

1	7.253	7.253	0.000	72866780	50.0	45.8	
2	5.941	5.941	0.000	121764869	50.0	44.0	
							RPD = 3.99

\$ 24 DCB Decachlorobiphenyl

1	8.425	8.426	-0.001	61258381	50.0	44.1	
2	7.466	7.466	0.000	123687055	50.0	45.7	
							RPD = 3.47

Reagents:

SGPESTL2_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038954.D

Injection Date: 23-Jun-2022 11:32:34

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 5

Client ID:

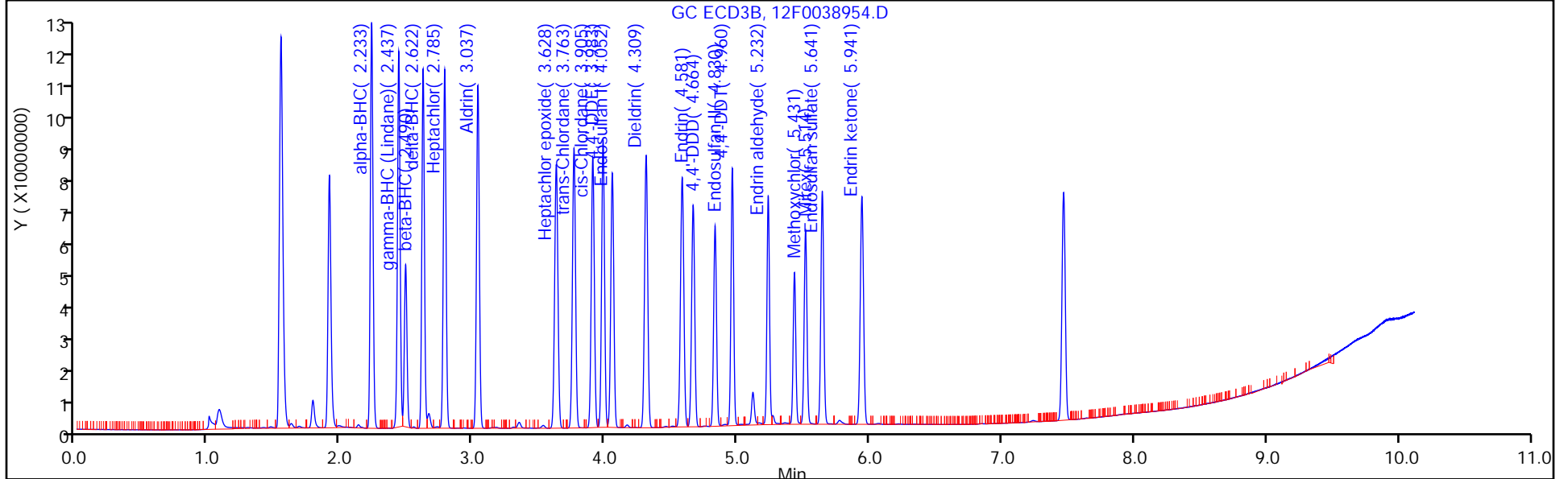
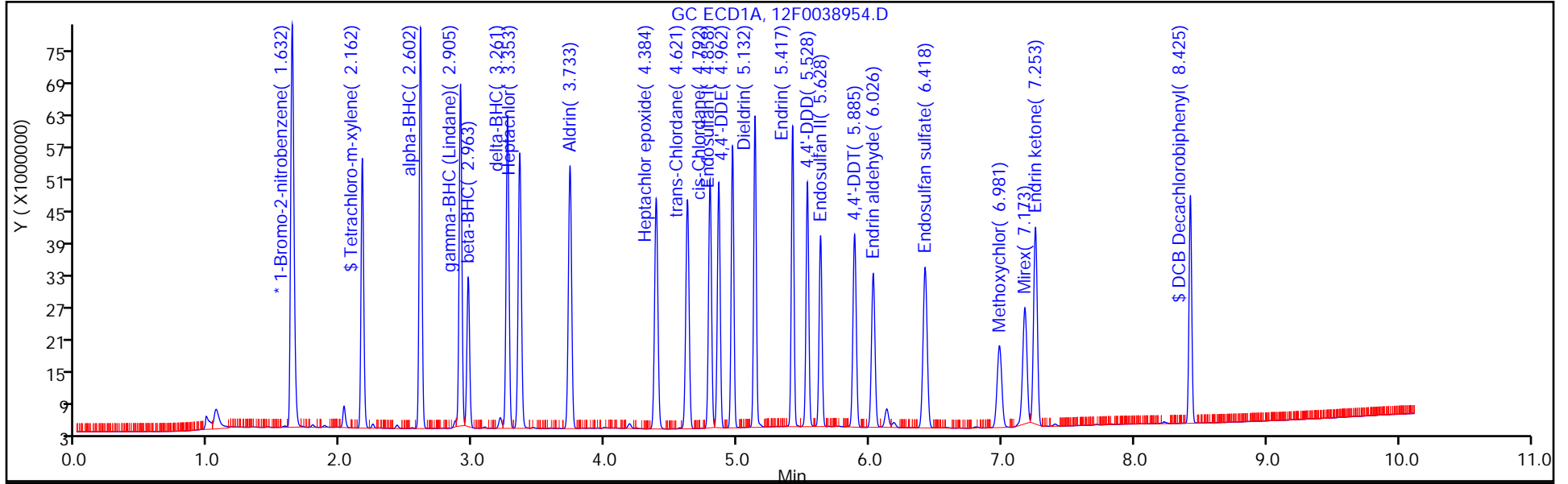
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-Jun-2022 11:44:50 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-006
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:43 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	131209207	100.0	100.0	
2	1.547	1.548	-0.001	215640152	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	243396649	150.0	156.5	
2	1.914	1.914	0.000	433072426	150.0	157.0	
							RPD = 0.35

15 alpha-BHC

1	2.602	2.603	-0.001	604981087	250.0	268.5	
2	2.233	2.233	0.000	1072442691	250.0	275.6	
							RPD = 2.61

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	525064323	250.0	263.7	
2	2.438	2.438	0.000	979392911	250.0	273.0	
							RPD = 3.45

6 beta-BHC

1	2.963	2.963	0.000	219313202	250.0	284.0	
2	2.490	2.490	0.000	400952166	250.0	261.7	
							RPD = 8.20

32 delta-BHC

1	3.260	3.260	0.000	533105048	250.0	274.9	
2	2.623	2.623	0.000	940137397	250.0	280.9	
							RPD = 2.16

18 Heptachlor

1	3.353	3.353	0.000	492732970	250.0	259.0	
2	2.785	2.786	-0.001	910151689	250.0	264.0	
							RPD = 1.94

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	488750398	250.0	263.4	
2	3.037	3.037	0.000	927417503	250.0	269.9	
						RPD = 2.43	
12 Heptachlor epoxide							
1	4.384	4.385	-0.001	432716065	250.0	259.6	
2	3.630	3.630	0.000	806407205	250.0	260.1	
						RPD = 0.19	
9 trans-Chlordane							
1	4.621	4.621	0.000	441897367	250.0	263.6	
2	3.764	3.764	0.000	858499587	250.0	264.7	
						RPD = 0.41	
23 cis-Chlordane							
1	4.792	4.792	0.000	422669525	250.0	259.4	
2	3.906	3.906	0.000	810903262	250.0	262.0	
						RPD = 1.02	
7 Endosulfan I							
1	4.858	4.858	0.000	399464363	250.0	259.7	
2	4.053	4.053	0.000	743614961	250.0	259.4	
						RPD = 0.12	
25 4,4'-DDE							
1	4.962	4.962	0.000	455629219	250.0	266.6	
2	3.984	3.984	0.000	858970395	250.0	267.7	
						RPD = 0.40	
30 Dieldrin							
1	5.133	5.132	0.001	468679129	250.0	259.9	
2	4.309	4.310	-0.001	840636869	250.0	268.4	
						RPD = 3.21	
20 Endrin							
1	5.417	5.417	0.000	442700120	250.0	258.7	
2	4.582	4.582	0.000	798942669	250.0	267.9	
						RPD = 3.49	
16 4,4'-DDD							
1	5.529	5.528	0.001	393300820	250.0	263.9	
2	4.665	4.665	0.000	703774766	250.0	273.1	
						RPD = 3.43	
11 Endosulfan II							
1	5.628	5.628	0.000	398586827	250.0	263.4	
2	4.831	4.831	0.000	706029698	250.0	271.7	
						RPD = 3.08	
21 4,4'-DDT							
1	5.885	5.886	-0.001	395270784	250.0	266.8	
2	4.961	4.961	0.000	717090828	250.0	271.5	
						RPD = 1.73	
5 Endrin aldehyde							
1	6.027	6.026	0.001	324350083	250.0	261.9	
2	5.233	5.233	0.000	599899229	250.0	266.6	
						RPD = 1.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.418	6.419	-0.001	381659592	250.0	265.1	
2	5.642	5.641	0.001	672119091	250.0	272.7	
							RPD = 2.83

10 Methoxychlor

1	6.982	6.981	0.001	213973683	250.0	254.9	
2	5.431	5.431	0.000	373471258	250.0	256.7	
							RPD = 0.70

34 Mirex

1	7.173	7.174	-0.001	298937331	250.0	250.5	
2	5.515	5.515	0.000	559506313	250.0	262.3	
							RPD = 4.59

13 Endrin ketone

1	7.253	7.253	0.000	406132780	250.0	259.2	
2	5.942	5.941	0.001	715845281	250.0	263.6	
							RPD = 1.66

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	207579325	150.0	151.9	
2	7.466	7.466	0.000	421636303	150.0	158.7	
							RPD = 4.38

Reagents:

SGPESTL4_00038	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D

Injection Date: 23-Jun-2022 11:44:50

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 6

Client ID:

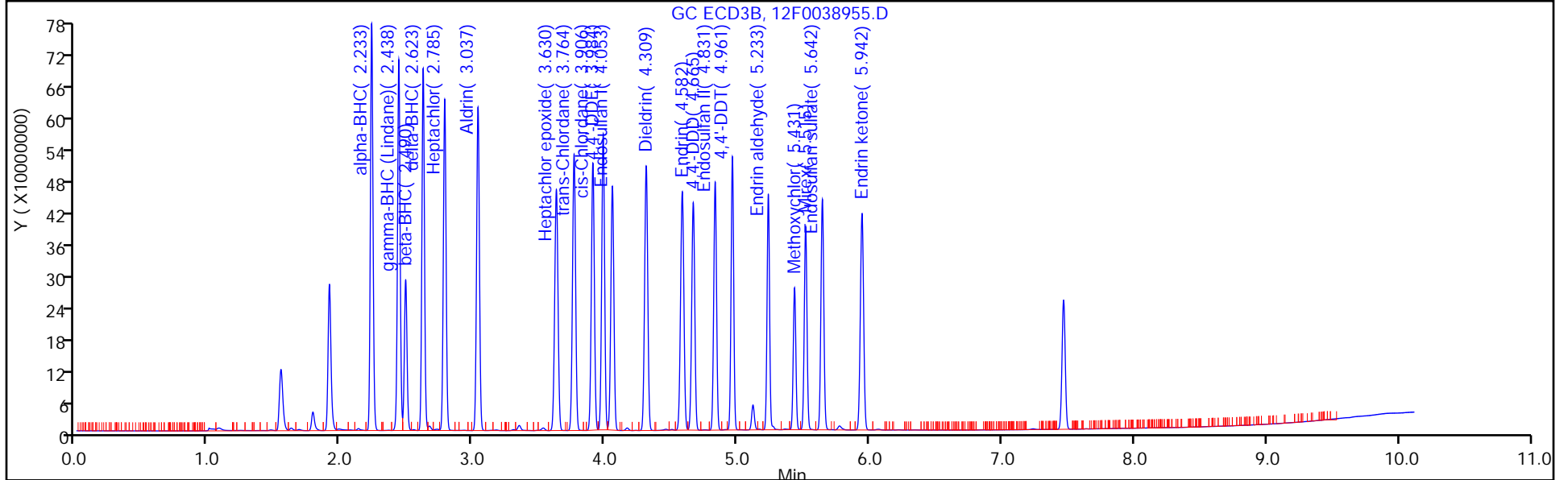
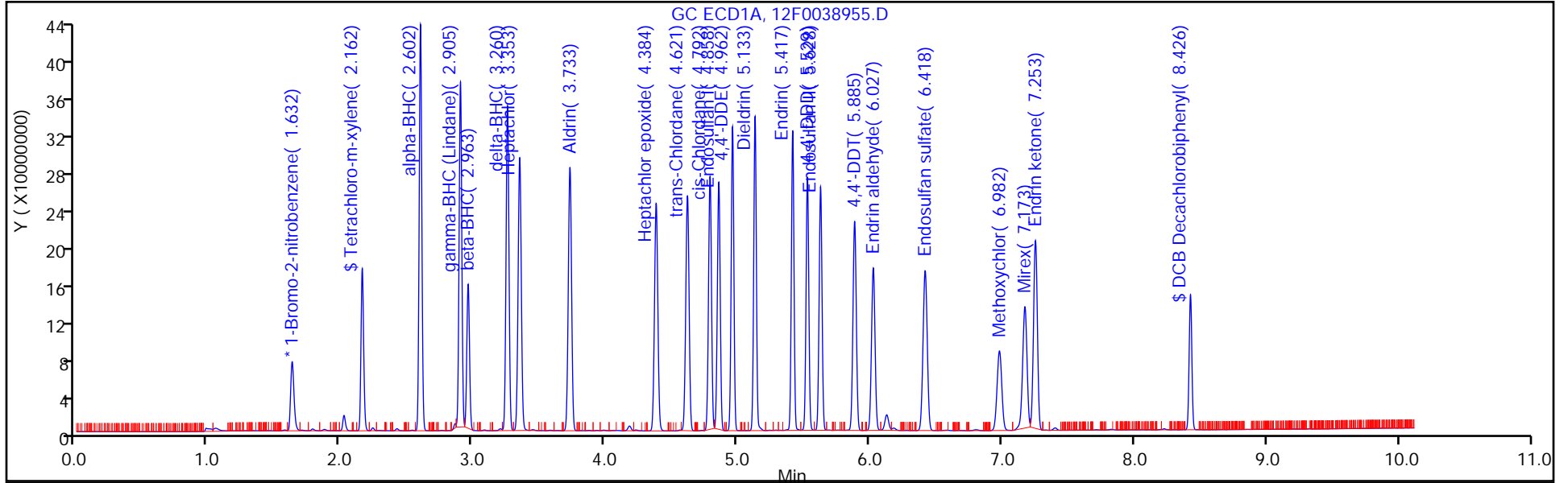
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038956.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-Jun-2022 11:57:04 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-007
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:50 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B

Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	132530439	100.0	100.0	
2	1.547	1.548	-0.001	217500303	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	323455596	200.0	205.9	
2	1.914	1.914	0.000	563257210	200.0	202.5	
							RPD = 1.66

15 alpha-BHC

1	2.603	2.603	0.000	1245027565	500.0	547.0	
2	2.234	2.233	0.001	2241150188	500.0	570.9	
							RPD = 4.29

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	1063550313	500.0	528.8	
2	2.440	2.438	0.002	2007533907	500.0	554.8	
							RPD = 4.79

6 beta-BHC

1	2.963	2.963	0.000	436205758	500.0	559.3	
2	2.491	2.490	0.001	769841841	500.0	495.6	
							RPD = 12.08

32 delta-BHC

1	3.261	3.260	0.001	1084878832	500.0	553.8	
2	2.624	2.623	0.001	1960794899	500.0	580.8	
							RPD = 4.76

18 Heptachlor

1	3.353	3.353	0.000	982531200	500.0	511.2	
2	2.786	2.786	0.000	1822903591	500.0	524.3	
							RPD = 2.53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.734	3.733	0.001	982039610	500.0	524.0	
2	3.038	3.037	0.001	1873969215	500.0	540.7	
						RPD = 3.14	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	848764743	500.0	504.0	
2	3.631	3.630	0.001	1586613799	500.0	507.3	
						RPD = 0.64	
9 trans-Chlordane							
1	4.621	4.621	0.000	886877530	500.0	523.7	
2	3.765	3.764	0.001	1770254461	500.0	541.1	
						RPD = 3.26	
23 cis-Chlordane							
1	4.792	4.792	0.000	843814996	500.0	512.7	
2	3.907	3.906	0.001	1670100484	500.0	535.1	
						RPD = 4.28	
7 Endosulfan I							
1	4.859	4.858	0.001	779778879	500.0	502.0	
2	4.055	4.053	0.002	1479138040	500.0	511.7	
						RPD = 1.91	
25 4,4'-DDE							
1	4.963	4.962	0.001	902326018	500.0	522.7	
2	3.984	3.984	0.000	1763071876	500.0	544.7	
						RPD = 4.12	
30 Dieldrin							
1	5.133	5.132	0.001	918060503	500.0	504.0	
2	4.310	4.310	0.000	1674014977	500.0	529.8	
						RPD = 5.00	
20 Endrin							
1	5.417	5.417	0.000	859334850	500.0	497.1	
2	4.583	4.582	0.001	1566387301	500.0	520.7	
						RPD = 4.63	
16 4,4'-DDD							
1	5.529	5.528	0.001	769833794	500.0	511.4	
2	4.665	4.665	0.000	1403638614	500.0	540.1	
						RPD = 5.45	
11 Endosulfan II							
1	5.628	5.628	0.000	786184005	500.0	514.5	
2	4.831	4.831	0.000	1425107971	500.0	543.7	
						RPD = 5.53	
21 4,4'-DDT							
1	5.886	5.886	0.000	776807322	500.0	519.1	
2	4.962	4.961	0.001	1461982397	500.0	548.7	
						RPD = 5.55	
5 Endrin aldehyde							
1	6.027	6.026	0.001	608505237	500.0	486.5	
2	5.233	5.233	0.000	1149120503	500.0	506.3	
						RPD = 3.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.419	6.419	0.000	726347392	500.0	499.4	
2	5.642	5.641	0.001	1325682533	500.0	533.2	
						RPD = 6.54	

10 Methoxychlor

1	6.980	6.981	-0.001	401627843	500.0	473.6	
2	5.431	5.431	0.000	721147821	500.0	491.4	
						RPD = 3.68	

34 Mirex

1	7.173	7.174	-0.001	559221864	500.0	463.9	
2	5.515	5.515	0.000	1080849175	500.0	502.3	
						RPD = 7.95	

13 Endrin ketone

1	7.253	7.253	0.000	772796982	500.0	488.4	
2	5.942	5.941	0.001	1398677789	500.0	510.6	
						RPD = 4.45	

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	266714607	200.0	193.2	
2	7.466	7.466	0.000	554522840	200.0	206.9	
						RPD = 6.85	

Reagents:

SGPESTL5_00039	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038956.D

Injection Date: 23-Jun-2022 11:57:04

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 7

Client ID:

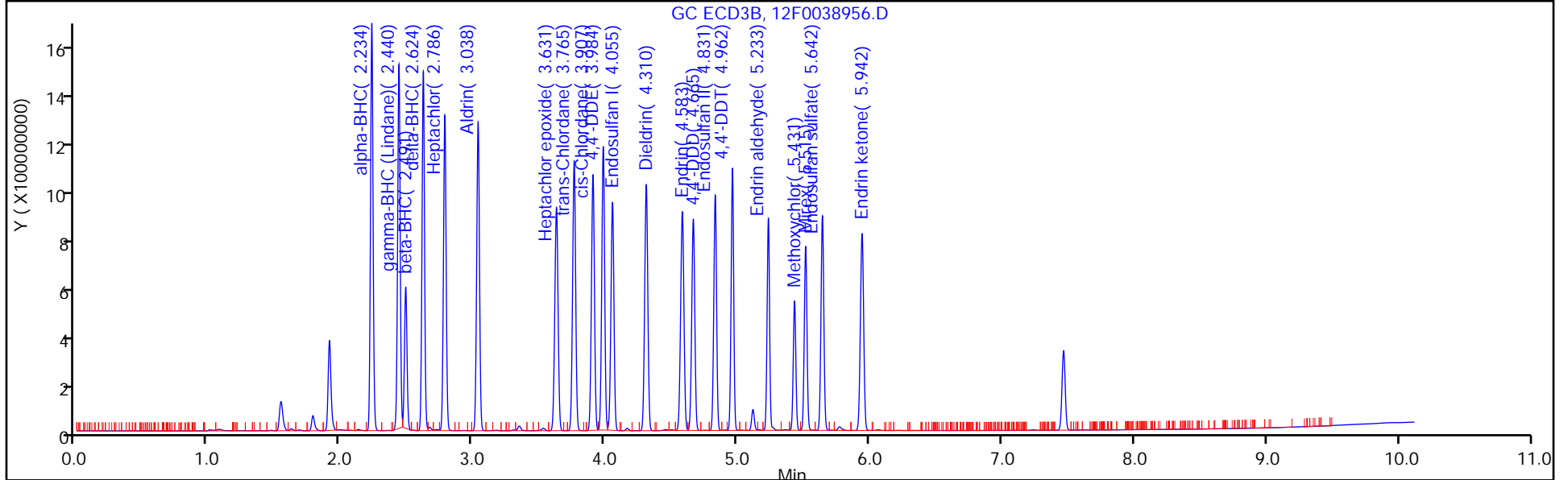
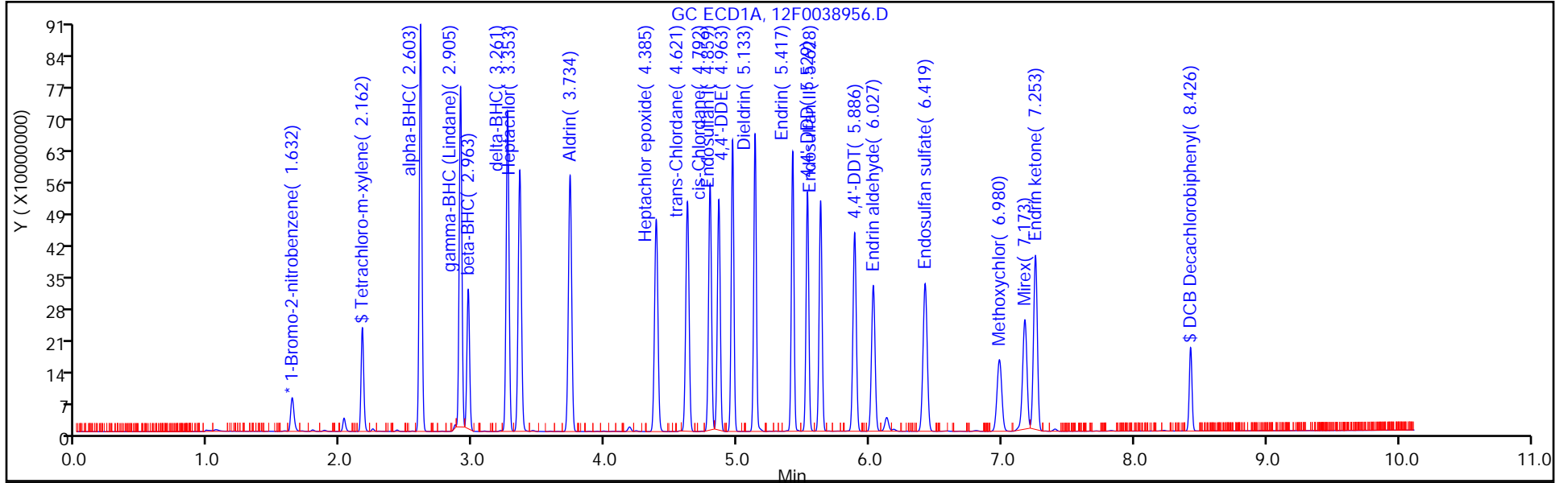
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Calibration

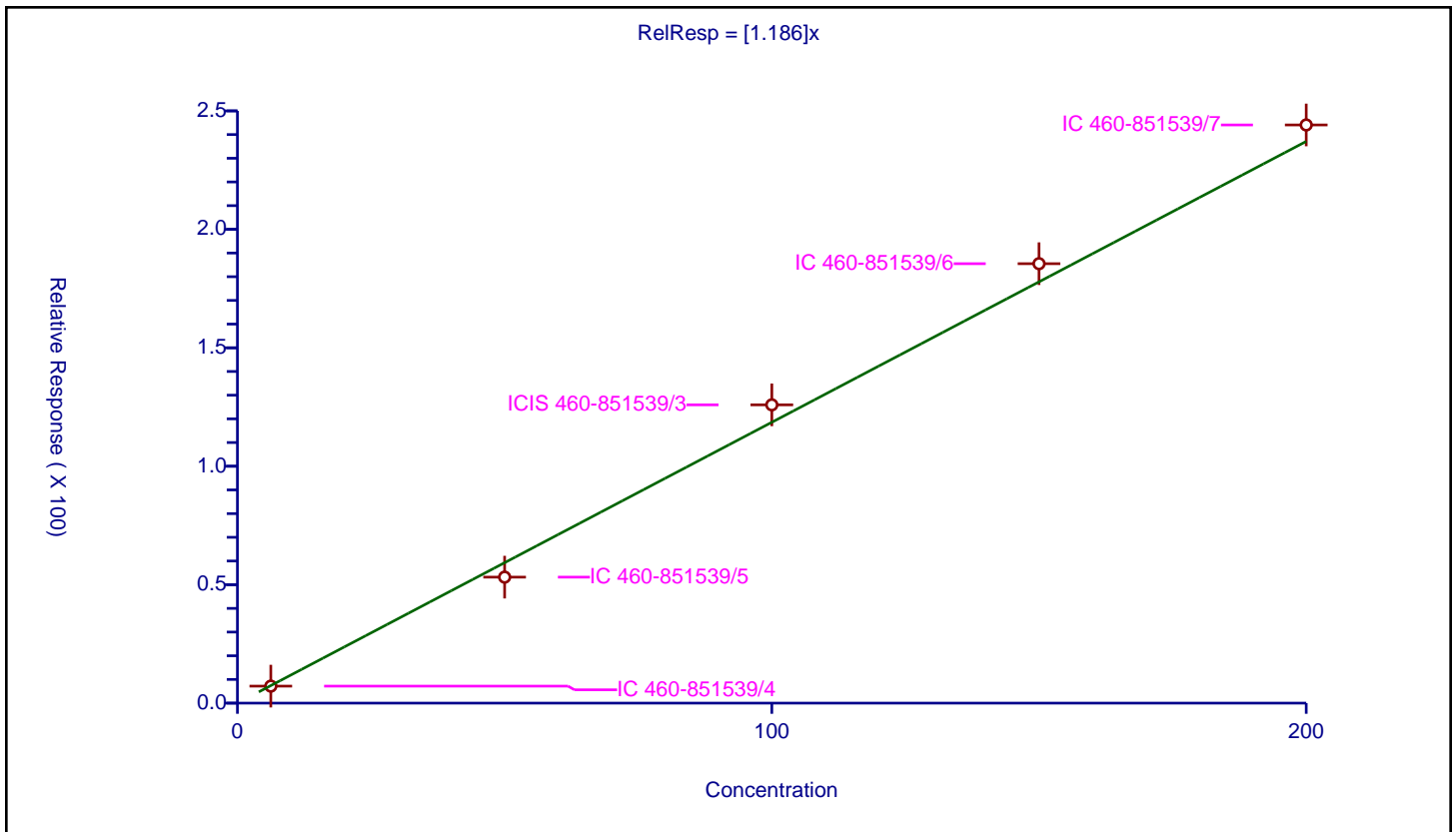
/ Tetrachloro-m-xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.186

Error Coefficients	
Standard Error:	221000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	6.25	7.174335	100.0	142156692.0	1.147894	Y
2	IC 460-851539/5	50.0	53.186827	100.0	133211018.0	1.063737	Y
3	ICIS 460-851539/3	100.0	125.915268	100.0	127631470.0	1.259153	Y
4	IC 460-851539/6	150.0	185.502721	100.0	131209207.0	1.236685	Y
5	IC 460-851539/7	200.0	244.061363	100.0	132530439.0	1.220307	Y



Calibration

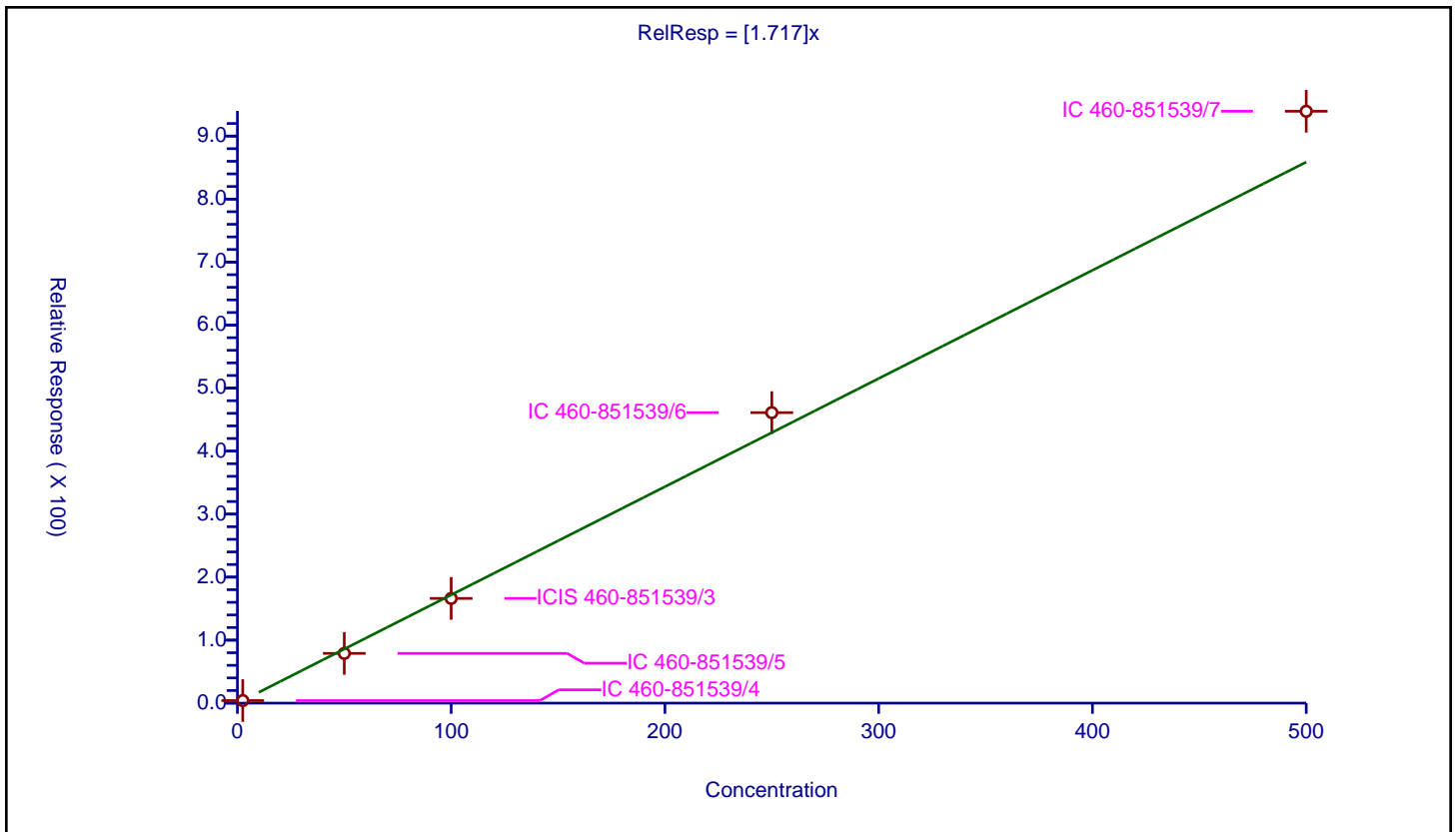
/ alpha-BHC

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.717

Error Coefficients	
Standard Error:	702000000
Relative Standard Error:	7.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	4.059411	100.0	142156692.0	1.623764	Y
2	IC 460-851539/5	50.0	78.934922	100.0	133211018.0	1.578698	Y
3	ICIS 460-851539/3	100.0	166.178535	100.0	127631470.0	1.661785	Y
4	IC 460-851539/6	250.0	461.081277	100.0	131209207.0	1.844325	Y
5	IC 460-851539/7	500.0	939.427632	100.0	132530439.0	1.878855	Y



Calibration

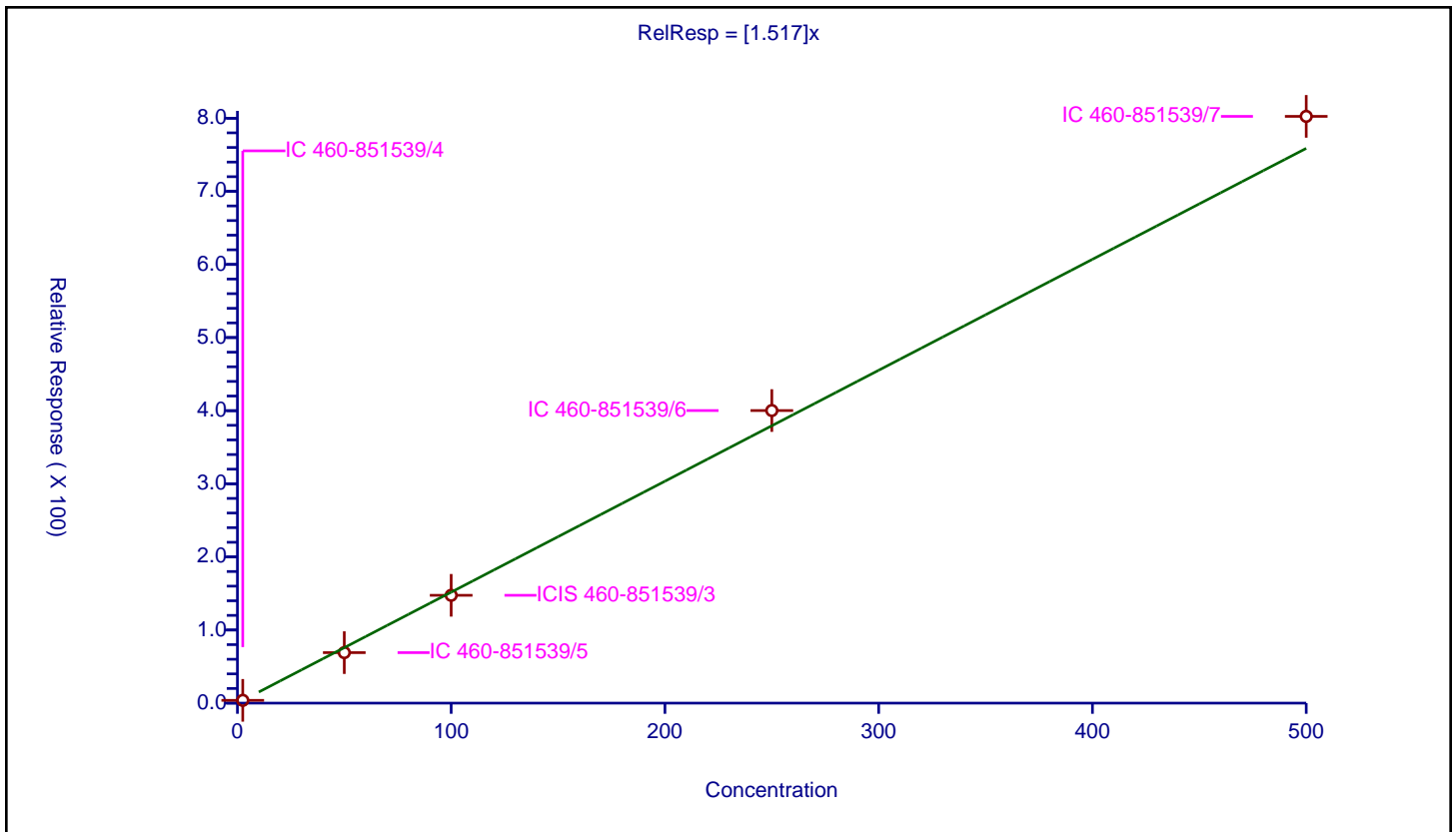
/ gamma-BHC (Lindane)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.517

Error Coefficients	
Standard Error:	602000000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.813363	100.0	142156692.0	1.525345	Y
2	IC 460-851539/5	50.0	69.091654	100.0	133211018.0	1.381833	Y
3	ICIS 460-851539/3	100.0	147.454871	100.0	127631470.0	1.474549	Y
4	IC 460-851539/6	250.0	400.173383	100.0	131209207.0	1.600694	Y
5	IC 460-851539/7	500.0	802.495126	100.0	132530439.0	1.60499	Y



Calibration

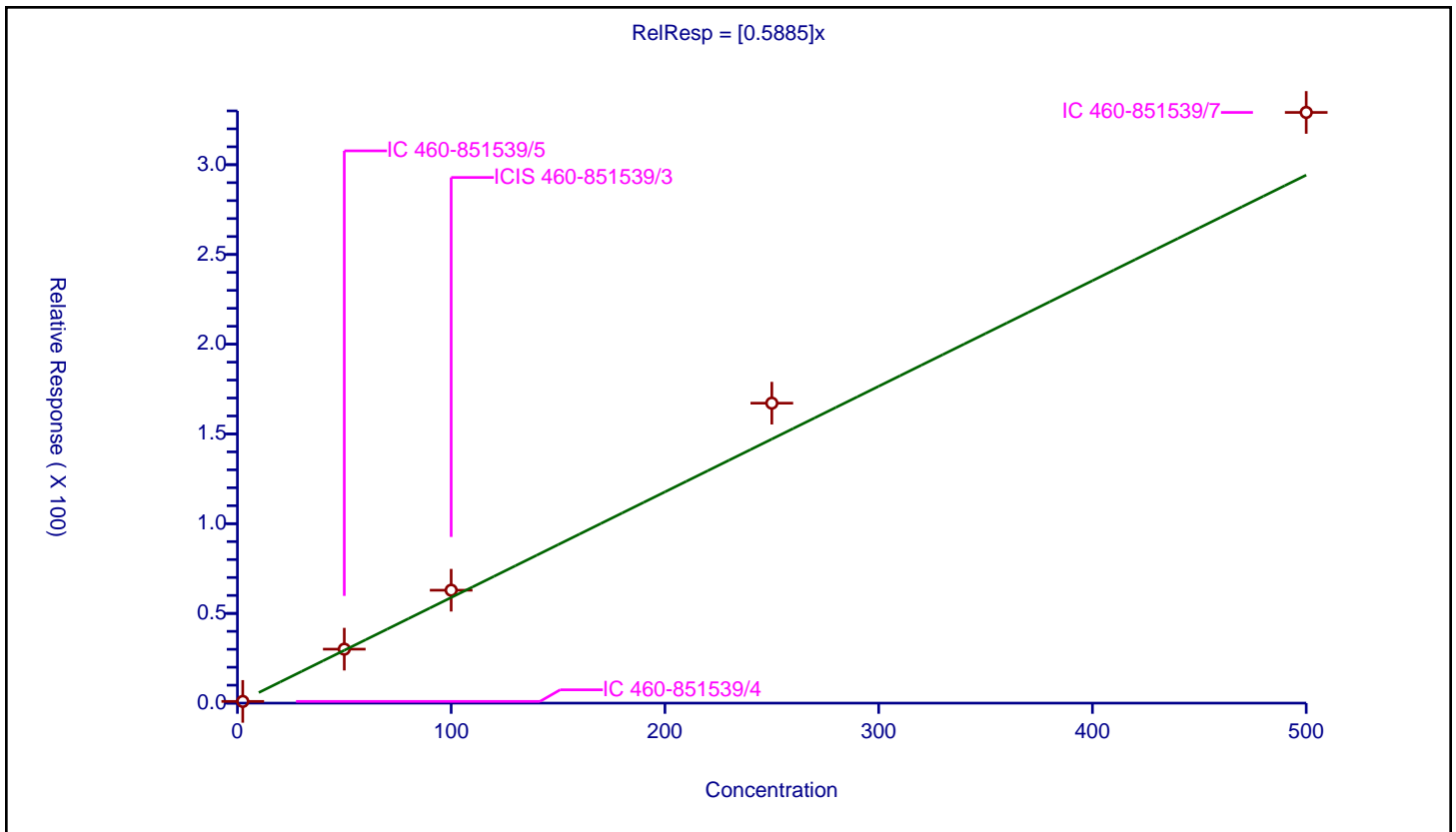
/ beta-BHC

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5885

Error Coefficients	
Standard Error:	248000000
Relative Standard Error:	19.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	0.962302	100.0	142156692.0	0.384921	Y
2	IC 460-851539/5	50.0	30.070919	100.0	133211018.0	0.601418	Y
3	ICIS 460-851539/3	100.0	62.921339	100.0	127631470.0	0.629213	Y
4	IC 460-851539/6	250.0	167.147723	100.0	131209207.0	0.668591	Y
5	IC 460-851539/7	500.0	329.136281	100.0	132530439.0	0.658273	Y



Calibration

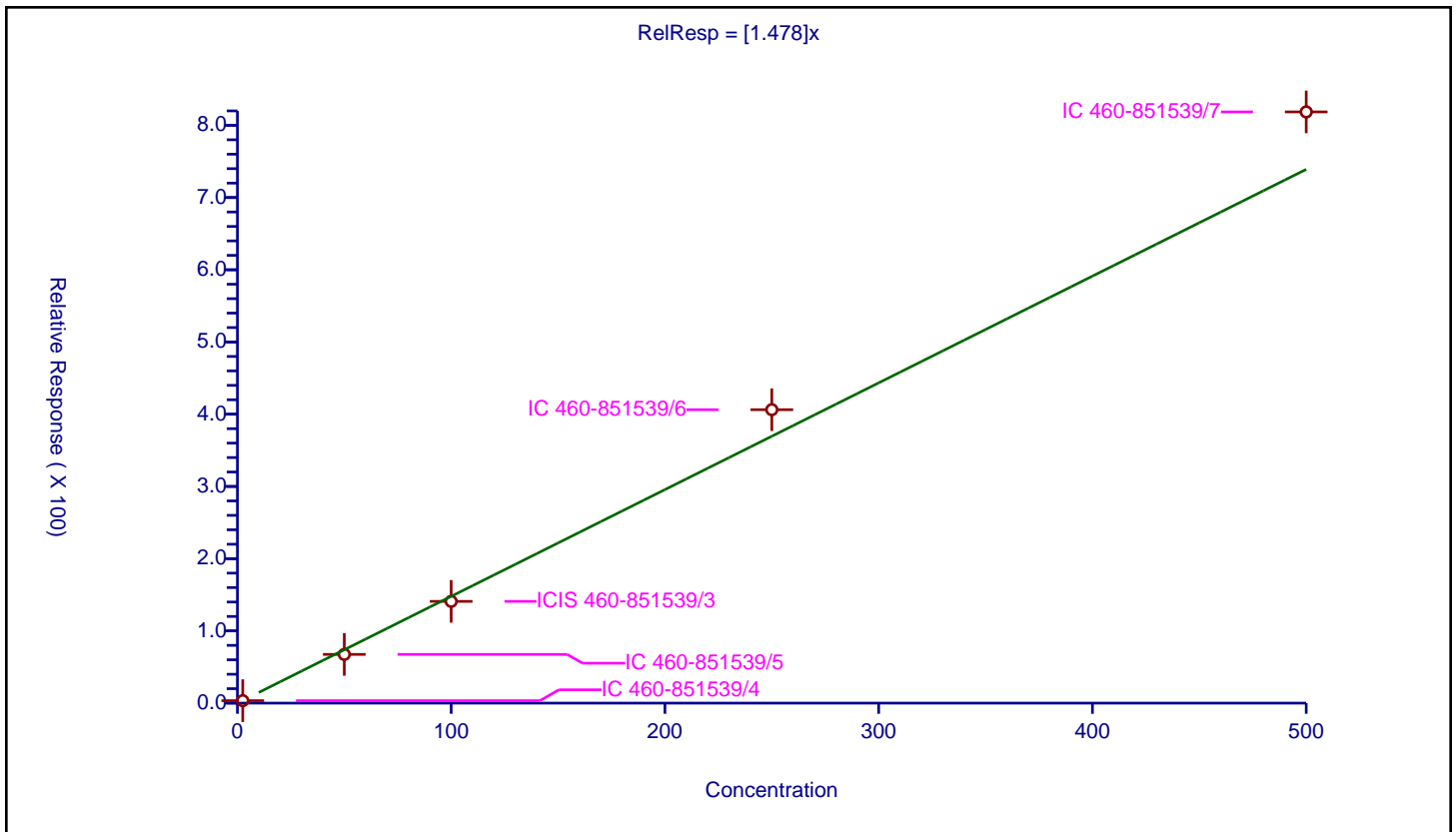
/ delta-BHC

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.478

Error Coefficients	
Standard Error:	613000000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.424287	100.0	142156692.0	1.369715	Y
2	IC 460-851539/5	50.0	67.482555	100.0	133211018.0	1.349651	Y
3	ICIS 460-851539/3	100.0	140.873766	100.0	127631470.0	1.408738	Y
4	IC 460-851539/6	250.0	406.301555	100.0	131209207.0	1.625206	Y
5	IC 460-851539/7	500.0	818.588424	100.0	132530439.0	1.637177	Y



Calibration

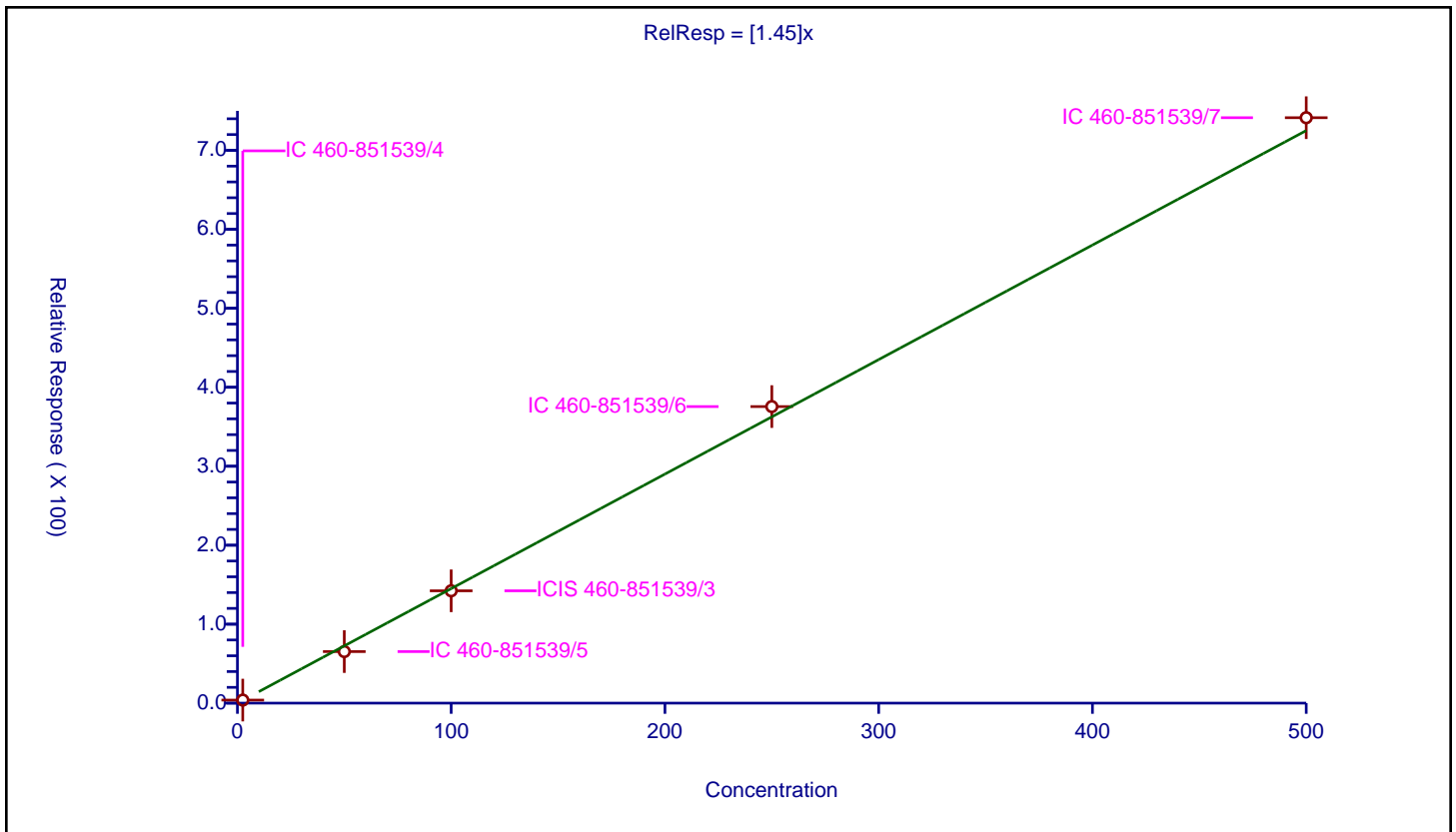
/ Heptachlor

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.45

Error Coefficients	
Standard Error:	559000000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.84522	100.0	142156692.0	1.538088	Y
2	IC 460-851539/5	50.0	65.266604	100.0	133211018.0	1.305332	Y
3	ICIS 460-851539/3	100.0	142.259827	100.0	127631470.0	1.422598	Y
4	IC 460-851539/6	250.0	375.532313	100.0	131209207.0	1.502129	Y
5	IC 460-851539/7	500.0	741.362669	100.0	132530439.0	1.482725	Y



Calibration

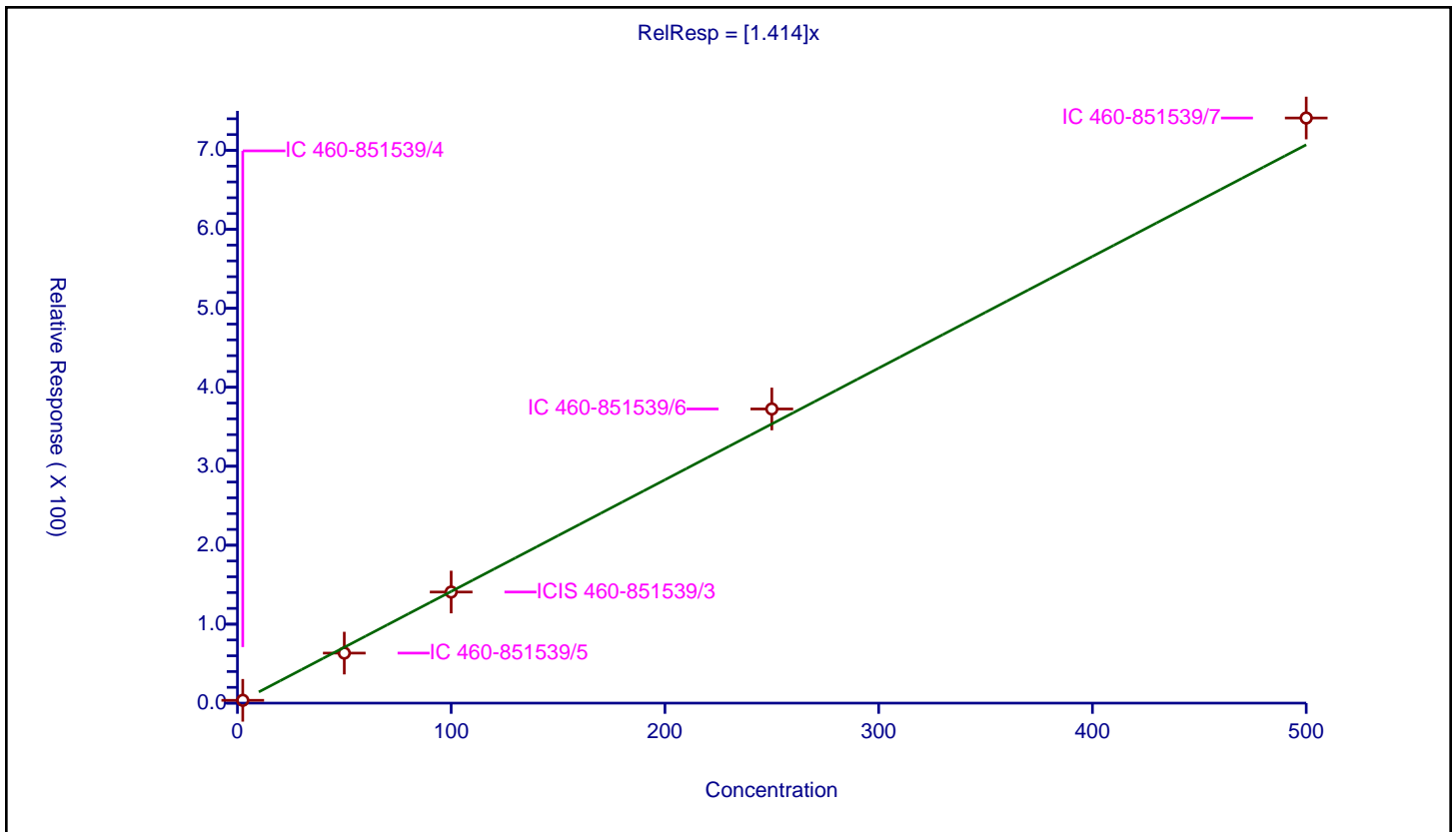
/ Aldrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.414

Error Coefficients	
Standard Error:	557000000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.562873	100.0	142156692.0	1.425149	Y
2	IC 460-851539/5	50.0	63.342097	100.0	133211018.0	1.266842	Y
3	ICIS 460-851539/3	100.0	140.687653	100.0	127631470.0	1.406877	Y
4	IC 460-851539/6	250.0	372.497029	100.0	131209207.0	1.489988	Y
5	IC 460-851539/7	500.0	740.991743	100.0	132530439.0	1.481983	Y



Calibration

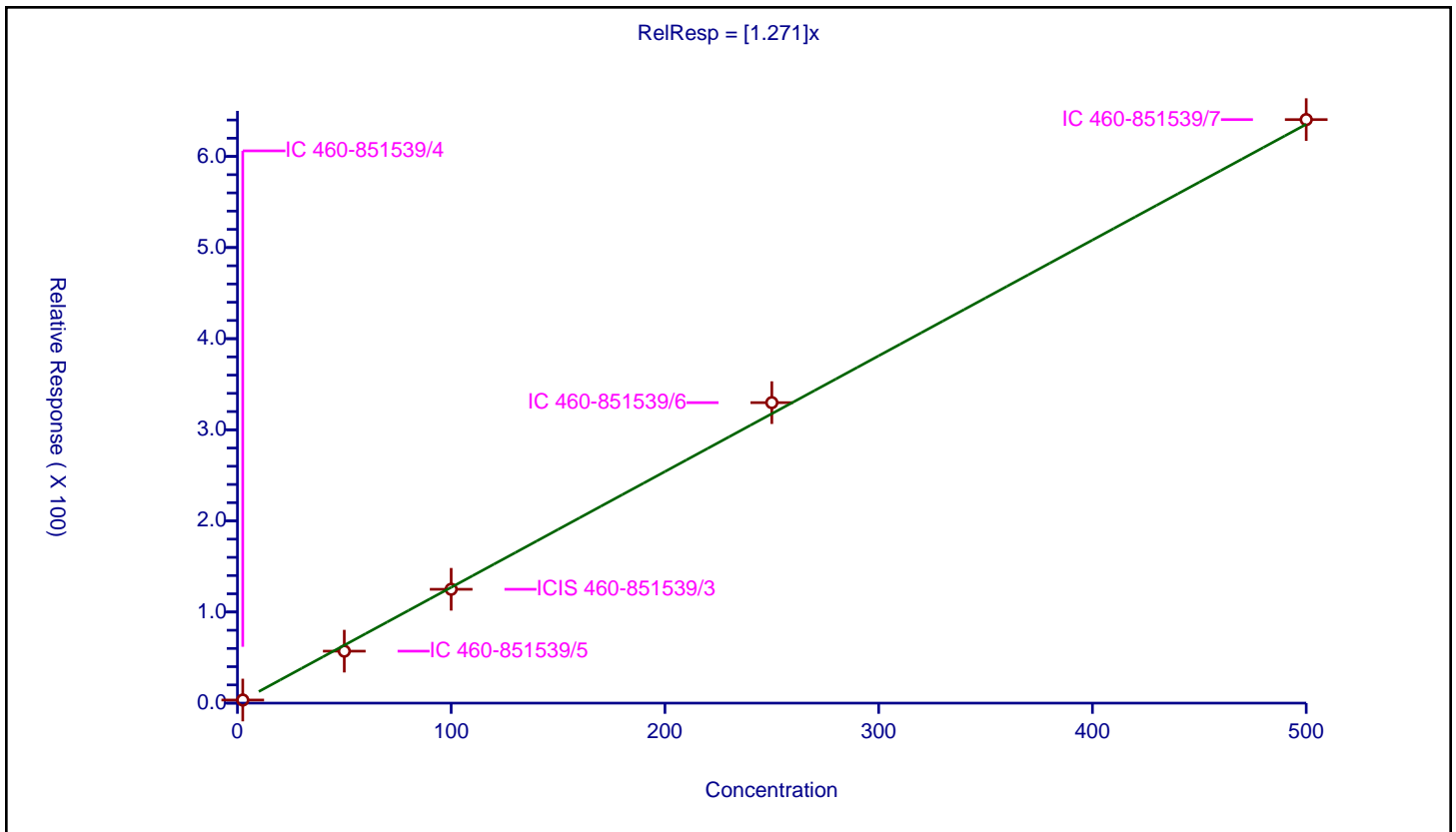
/ Heptachlor epoxide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.271

Error Coefficients	
Standard Error:	484000000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.406403	100.0	142156692.0	1.362561	Y
2	IC 460-851539/5	50.0	57.039232	100.0	133211018.0	1.140785	Y
3	ICIS 460-851539/3	100.0	124.963011	100.0	127631470.0	1.24963	Y
4	IC 460-851539/6	250.0	329.790931	100.0	131209207.0	1.319164	Y
5	IC 460-851539/7	500.0	640.43004	100.0	132530439.0	1.28086	Y



Calibration

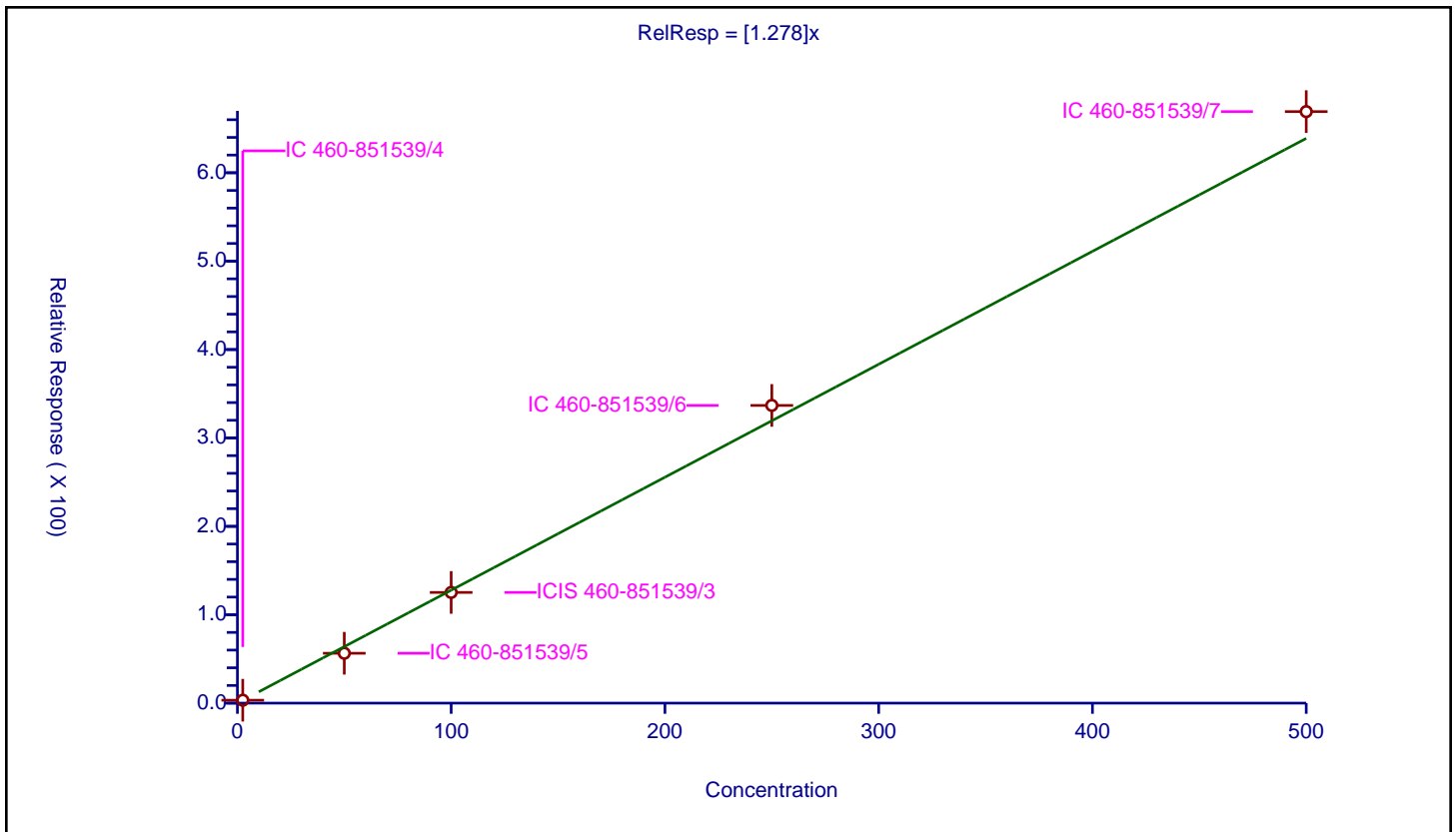
/ trans-Chlordane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.278

Error Coefficients	
Standard Error:	503000000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.305254	100.0	142156692.0	1.322102	Y
2	IC 460-851539/5	50.0	56.431063	100.0	133211018.0	1.128621	Y
3	ICIS 460-851539/3	100.0	125.245756	100.0	127631470.0	1.252458	Y
4	IC 460-851539/6	250.0	336.788383	100.0	131209207.0	1.347154	Y
5	IC 460-851539/7	500.0	669.187801	100.0	132530439.0	1.338376	Y



Calibration

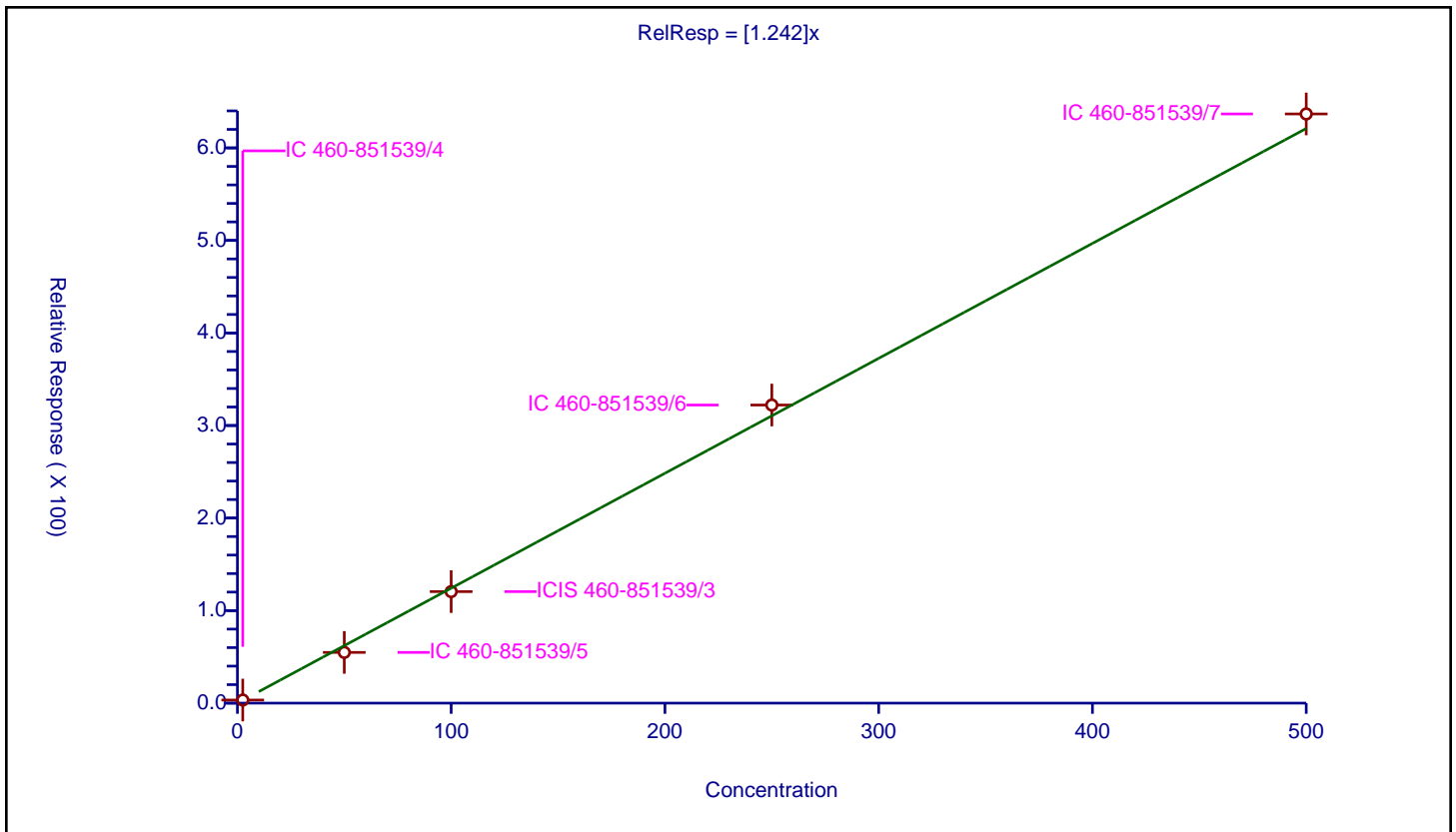
/ cis-Chlordane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.242

Error Coefficients	
Standard Error:	480000000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.365239	100.0	142156692.0	1.346096	Y
2	IC 460-851539/5	50.0	54.823601	100.0	133211018.0	1.096472	Y
3	ICIS 460-851539/3	100.0	120.524609	100.0	127631470.0	1.205246	Y
4	IC 460-851539/6	250.0	322.134044	100.0	131209207.0	1.288536	Y
5	IC 460-851539/7	500.0	636.695239	100.0	132530439.0	1.27339	Y



Calibration

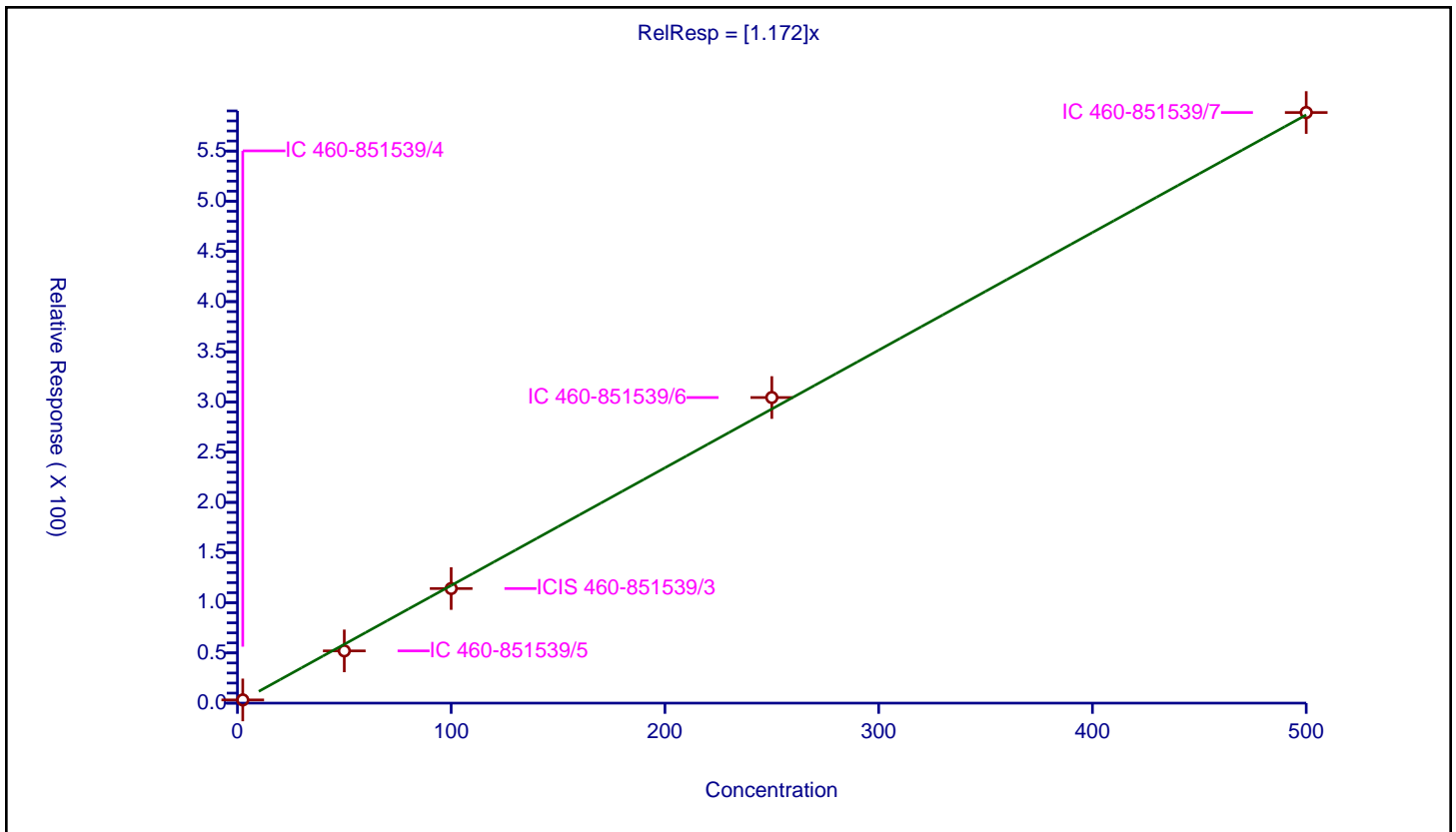
/ Endosulfan I

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.172

Error Coefficients	
Standard Error:	445000000
Relative Standard Error:	7.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.208728	100.0	142156692.0	1.283491	Y
2	IC 460-851539/5	50.0	52.041682	100.0	133211018.0	1.040834	Y
3	ICIS 460-851539/3	100.0	114.165769	100.0	127631470.0	1.141658	Y
4	IC 460-851539/6	250.0	304.448424	100.0	131209207.0	1.217794	Y
5	IC 460-851539/7	500.0	588.377195	100.0	132530439.0	1.176754	Y



Calibration

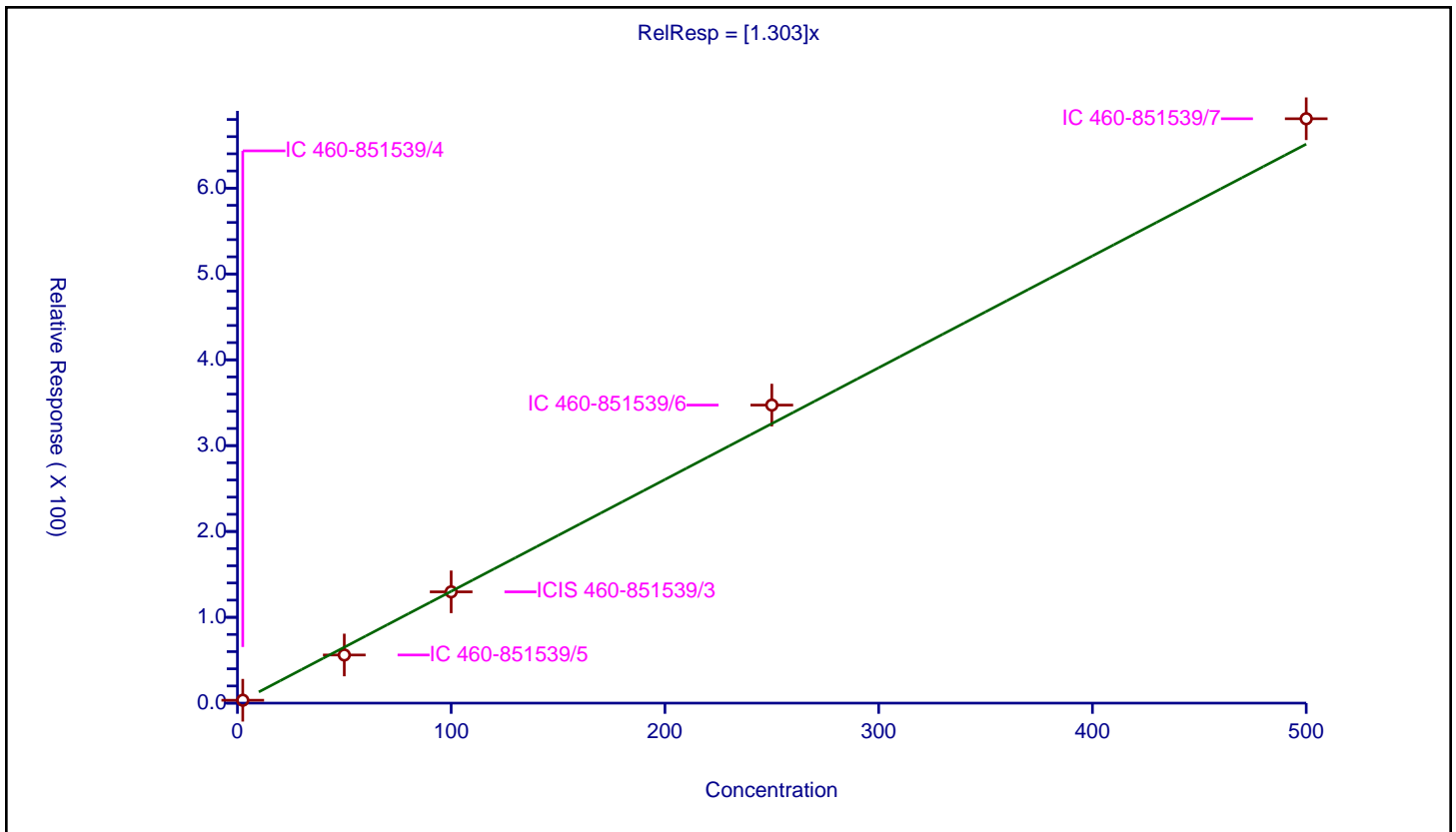
/ 4,4'-DDE

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.303

Error Coefficients	
Standard Error:	514000000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.358942	100.0	142156692.0	1.343577	Y
2	IC 460-851539/5	50.0	56.084443	100.0	133211018.0	1.121689	Y
3	ICIS 460-851539/3	100.0	129.667819	100.0	127631470.0	1.296678	Y
4	IC 460-851539/6	250.0	347.253999	100.0	131209207.0	1.389016	Y
5	IC 460-851539/7	500.0	680.844359	100.0	132530439.0	1.361689	Y



Calibration

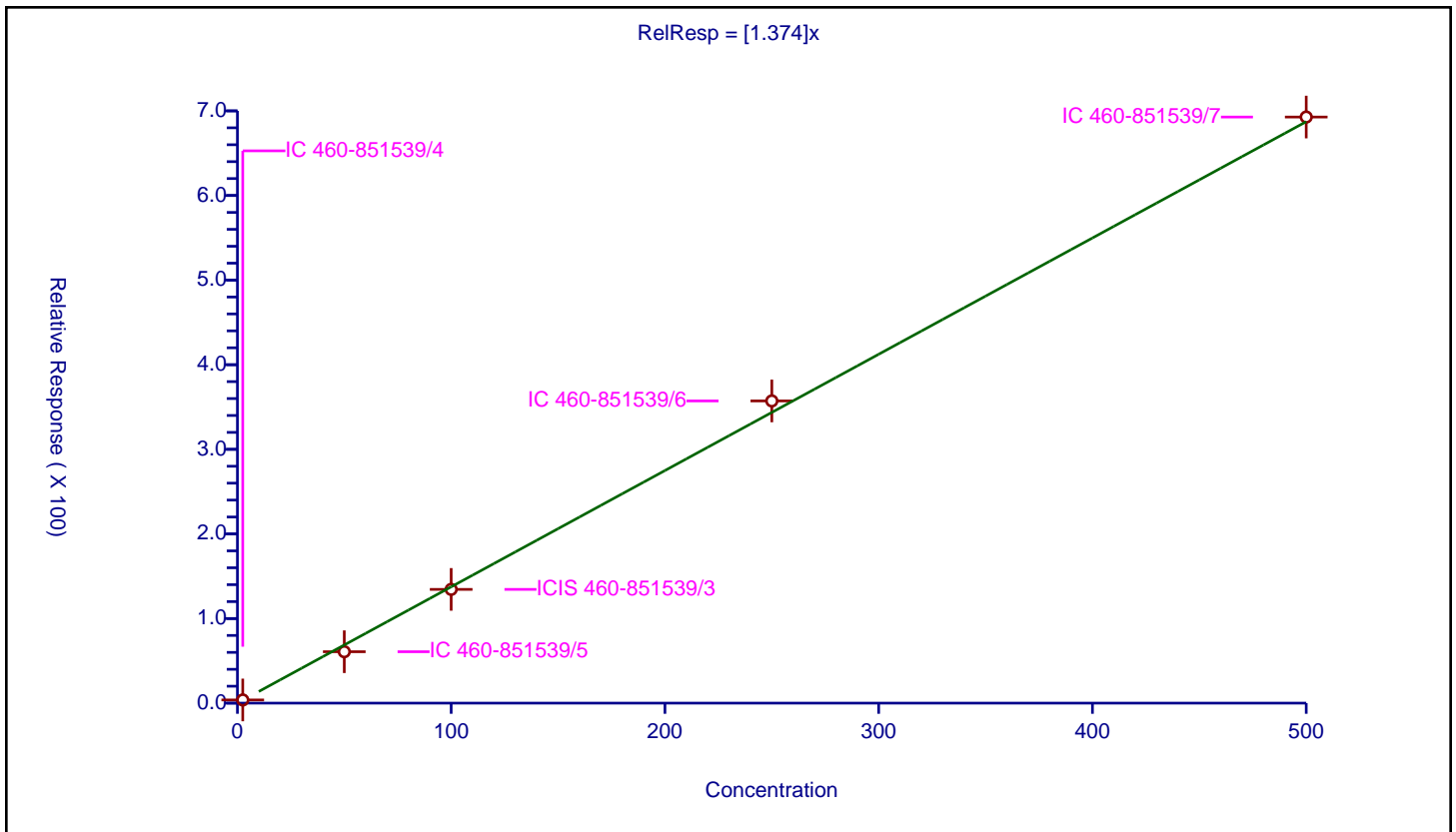
/ Dieldrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.374

Error Coefficients	
Standard Error:	524000000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.746488	100.0	142156692.0	1.498595	Y
2	IC 460-851539/5	50.0	60.757125	100.0	133211018.0	1.215143	Y
3	ICIS 460-851539/3	100.0	134.438365	100.0	127631470.0	1.344384	Y
4	IC 460-851539/6	250.0	357.199879	100.0	131209207.0	1.4288	Y
5	IC 460-851539/7	500.0	692.716715	100.0	132530439.0	1.385433	Y



Calibration

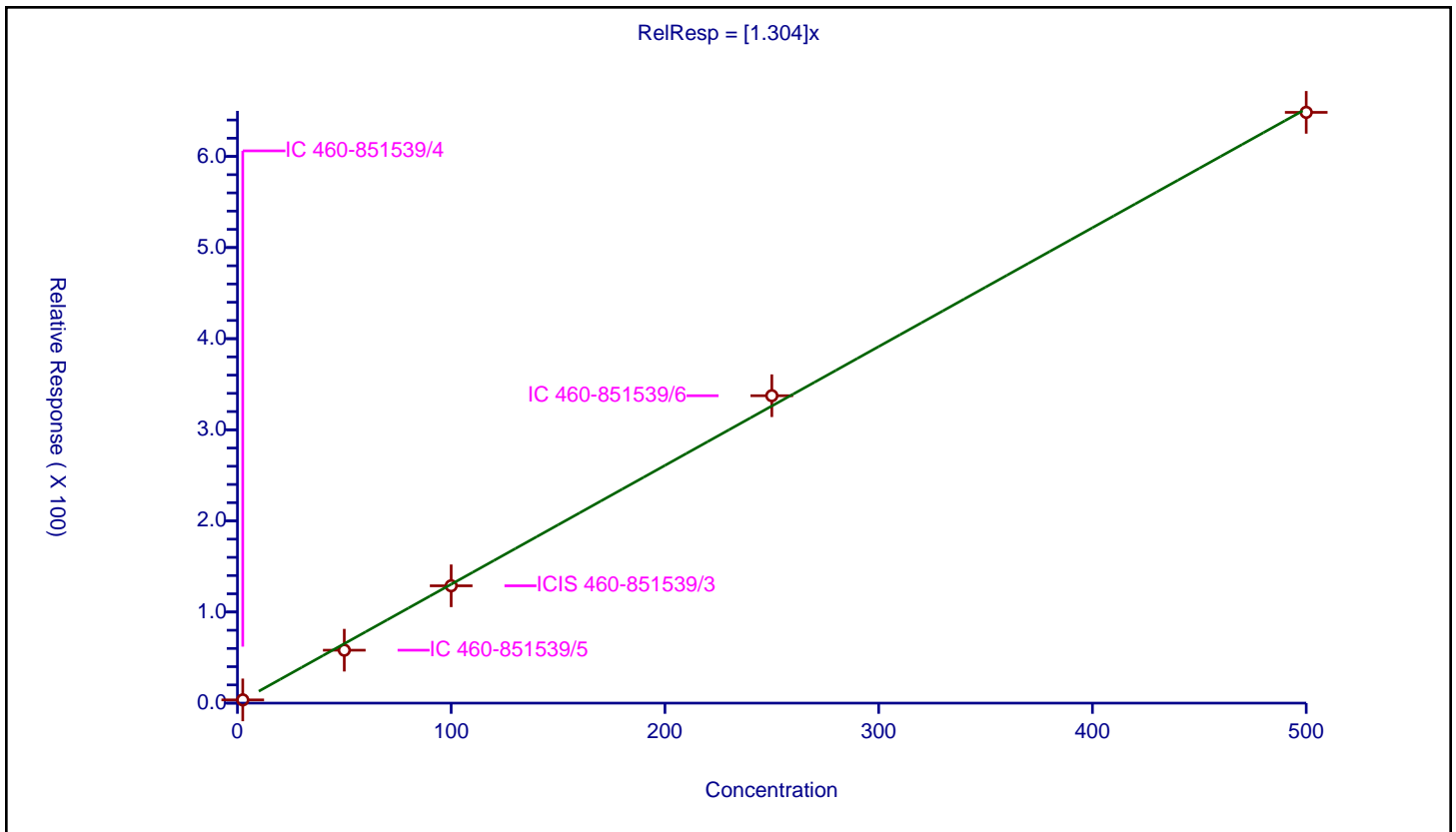
/ Endrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.304

Error Coefficients	
Standard Error:	492000000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.564645	100.0	142156692.0	1.425858	Y
2	IC 460-851539/5	50.0	58.108072	100.0	133211018.0	1.162161	Y
3	ICIS 460-851539/3	100.0	128.7666	100.0	127631470.0	1.287666	Y
4	IC 460-851539/6	250.0	337.400195	100.0	131209207.0	1.349601	Y
5	IC 460-851539/7	500.0	648.405647	100.0	132530439.0	1.296811	Y



Calibration

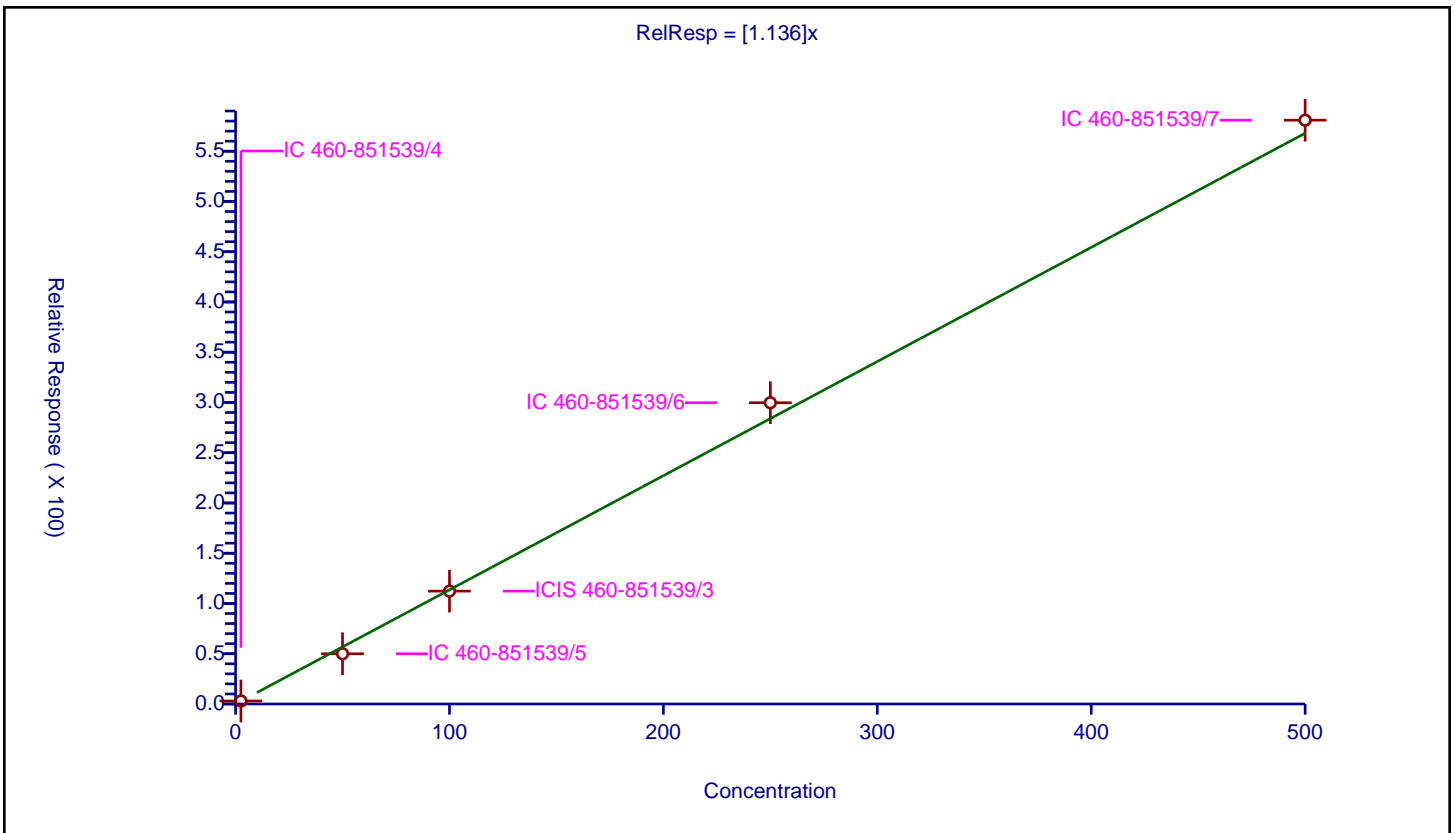
/ 4,4'-DDD

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.136

Error Coefficients	
Standard Error:	439000000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.989602	100.0	142156692.0	1.195841	Y
2	IC 460-851539/5	50.0	49.964336	100.0	133211018.0	0.999287	Y
3	ICIS 460-851539/3	100.0	112.289554	100.0	127631470.0	1.122896	Y
4	IC 460-851539/6	250.0	299.750931	100.0	131209207.0	1.199004	Y
5	IC 460-851539/7	500.0	580.873194	100.0	132530439.0	1.161746	Y



Calibration

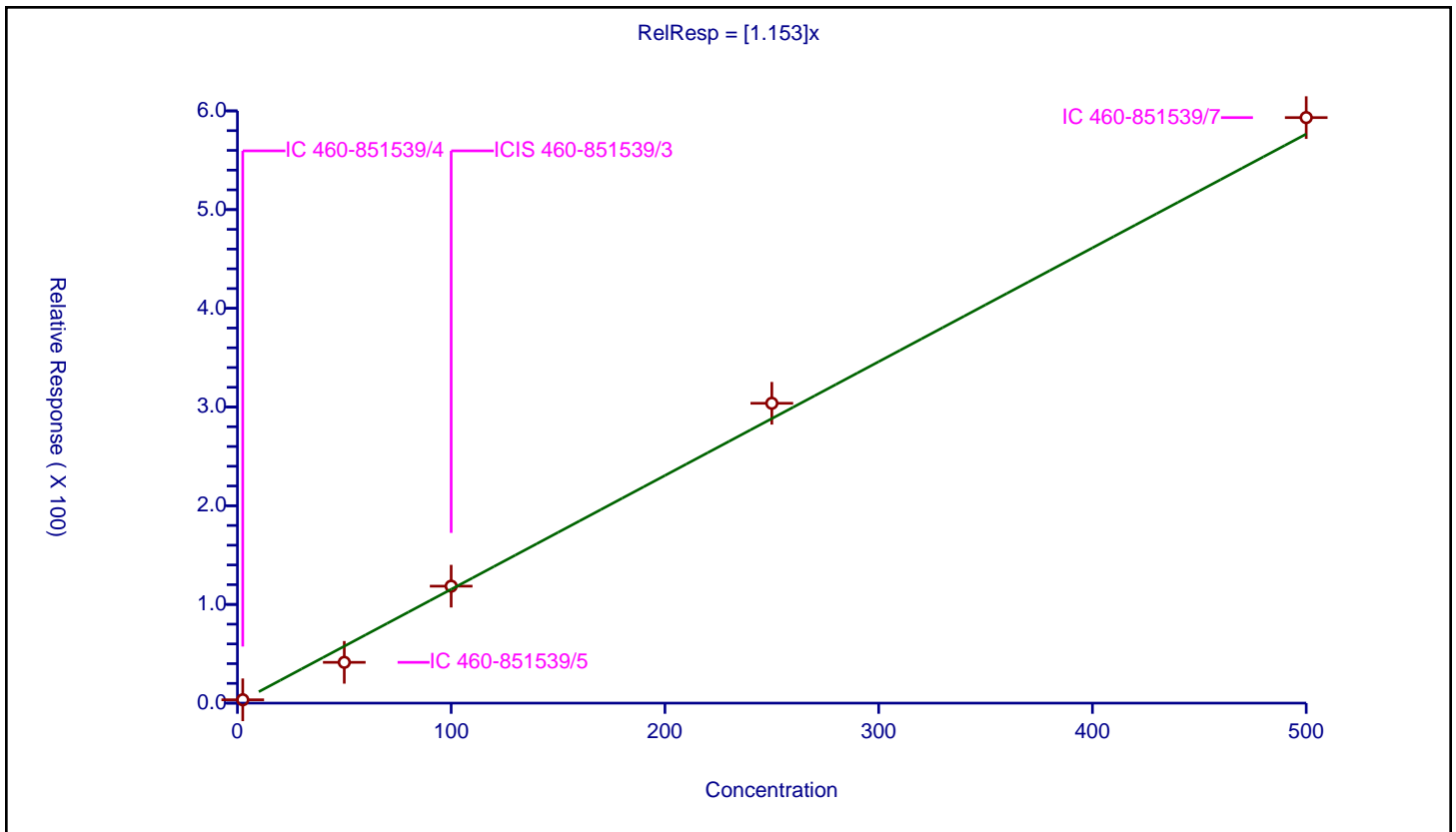
/ Endosulfan II

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.153

Error Coefficients	
Standard Error:	448000000
Relative Standard Error:	16.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.380803	100.0	142156692.0	1.352321	Y
2	IC 460-851539/5	50.0	41.3345	100.0	133211018.0	0.82669	Y
3	ICIS 460-851539/3	100.0	118.491067	100.0	127631470.0	1.184911	Y
4	IC 460-851539/6	250.0	303.779617	100.0	131209207.0	1.215118	Y
5	IC 460-851539/7	500.0	593.210142	100.0	132530439.0	1.18642	Y



Calibration

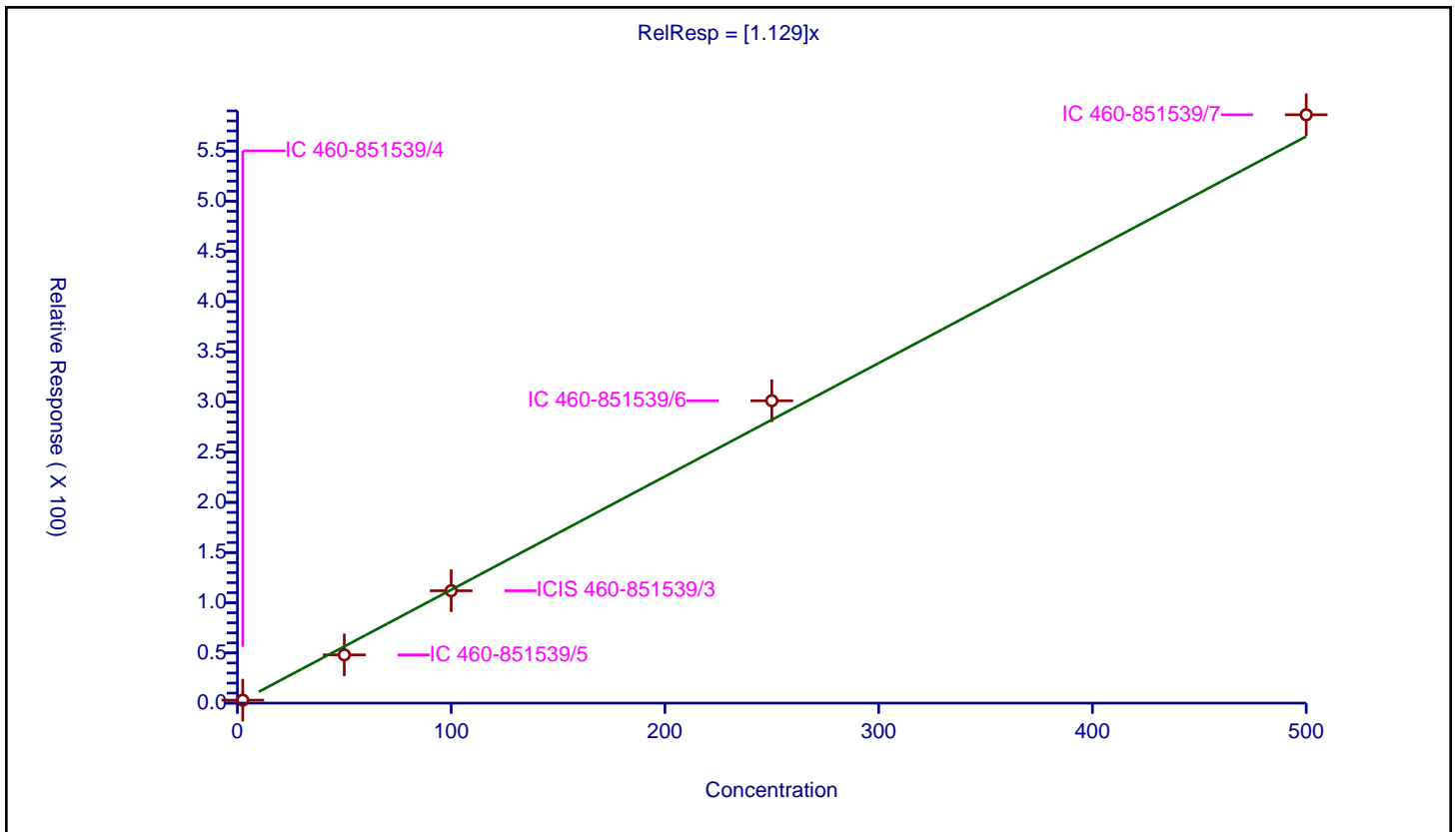
/ 4,4'-DDT

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.129

Error Coefficients	
Standard Error:	443000000
Relative Standard Error:	8.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.966489	100.0	142156692.0	1.186595	Y
2	IC 460-851539/5	50.0	48.096454	100.0	133211018.0	0.961929	Y
3	ICIS 460-851539/3	100.0	111.966867	100.0	127631470.0	1.119669	Y
4	IC 460-851539/6	250.0	301.252323	100.0	131209207.0	1.205009	Y
5	IC 460-851539/7	500.0	586.135025	100.0	132530439.0	1.17227	Y



Calibration

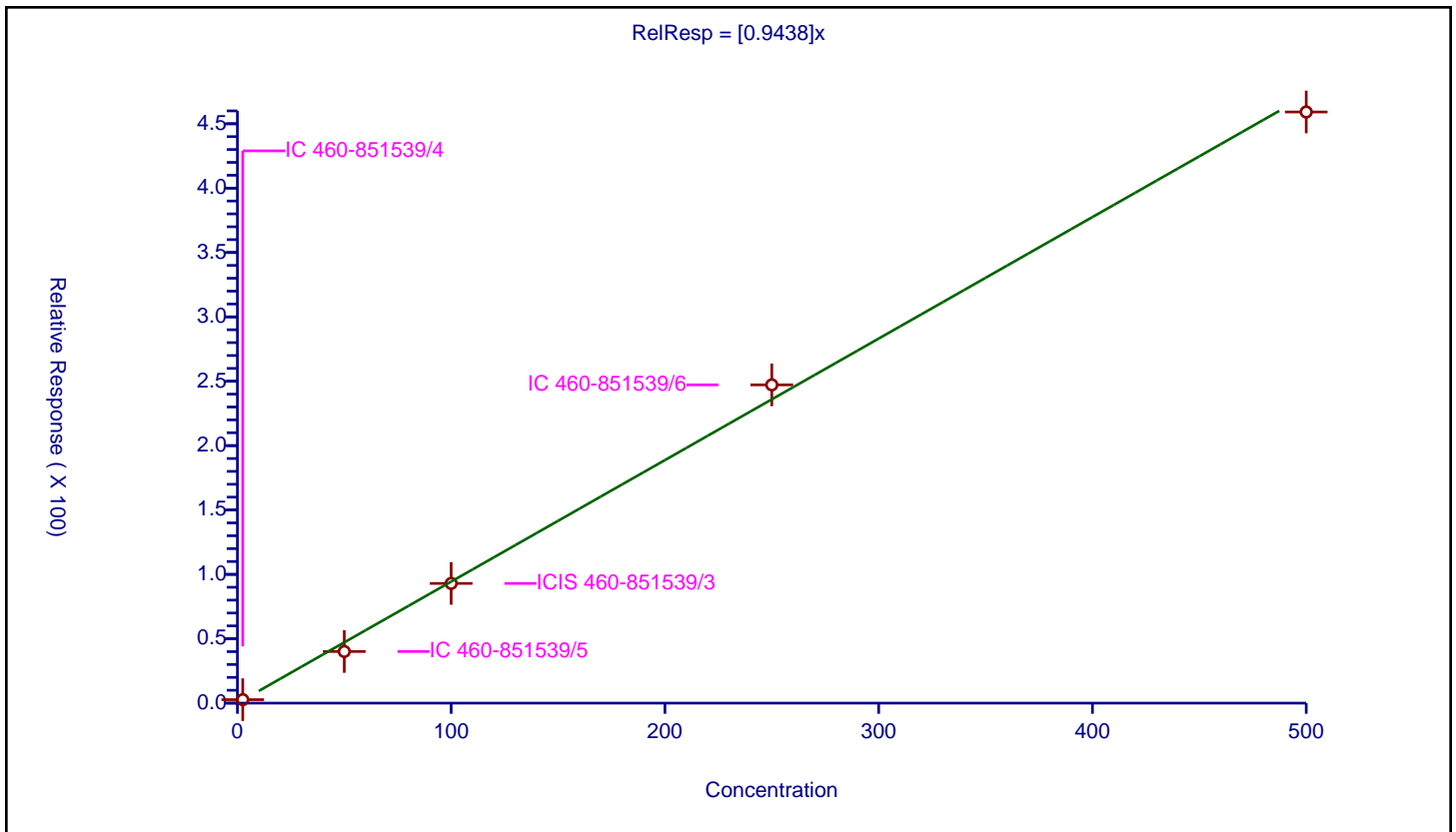
/ Endrin aldehyde

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9438

Error Coefficients	
Standard Error:	351000000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.700408	100.0	142156692.0	1.080163	Y
2	IC 460-851539/5	50.0	40.101502	100.0	133211018.0	0.80203	Y
3	ICIS 460-851539/3	100.0	92.97161	100.0	127631470.0	0.929716	Y
4	IC 460-851539/6	250.0	247.200704	100.0	131209207.0	0.988803	Y
5	IC 460-851539/7	500.0	459.143757	100.0	132530439.0	0.918288	Y



Calibration

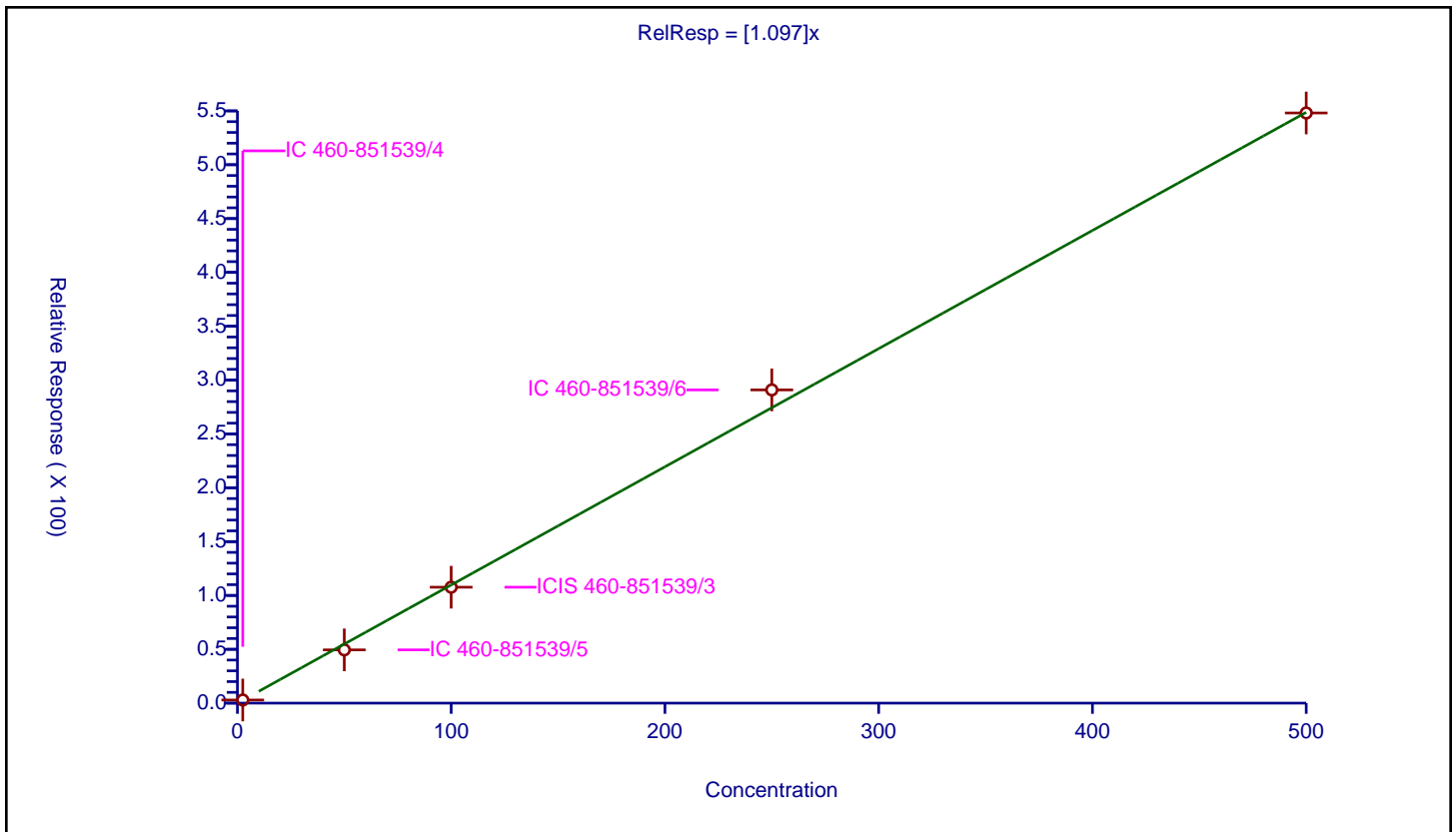
/ Endosulfan sulfate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.097

Error Coefficients	
Standard Error:	417000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.90367	100.0	142156692.0	1.161468	Y
2	IC 460-851539/5	50.0	49.450359	100.0	133211018.0	0.989007	Y
3	ICIS 460-851539/3	100.0	107.656423	100.0	127631470.0	1.076564	Y
4	IC 460-851539/6	250.0	290.878667	100.0	131209207.0	1.163515	Y
5	IC 460-851539/7	500.0	548.060806	100.0	132530439.0	1.096122	Y



Calibration

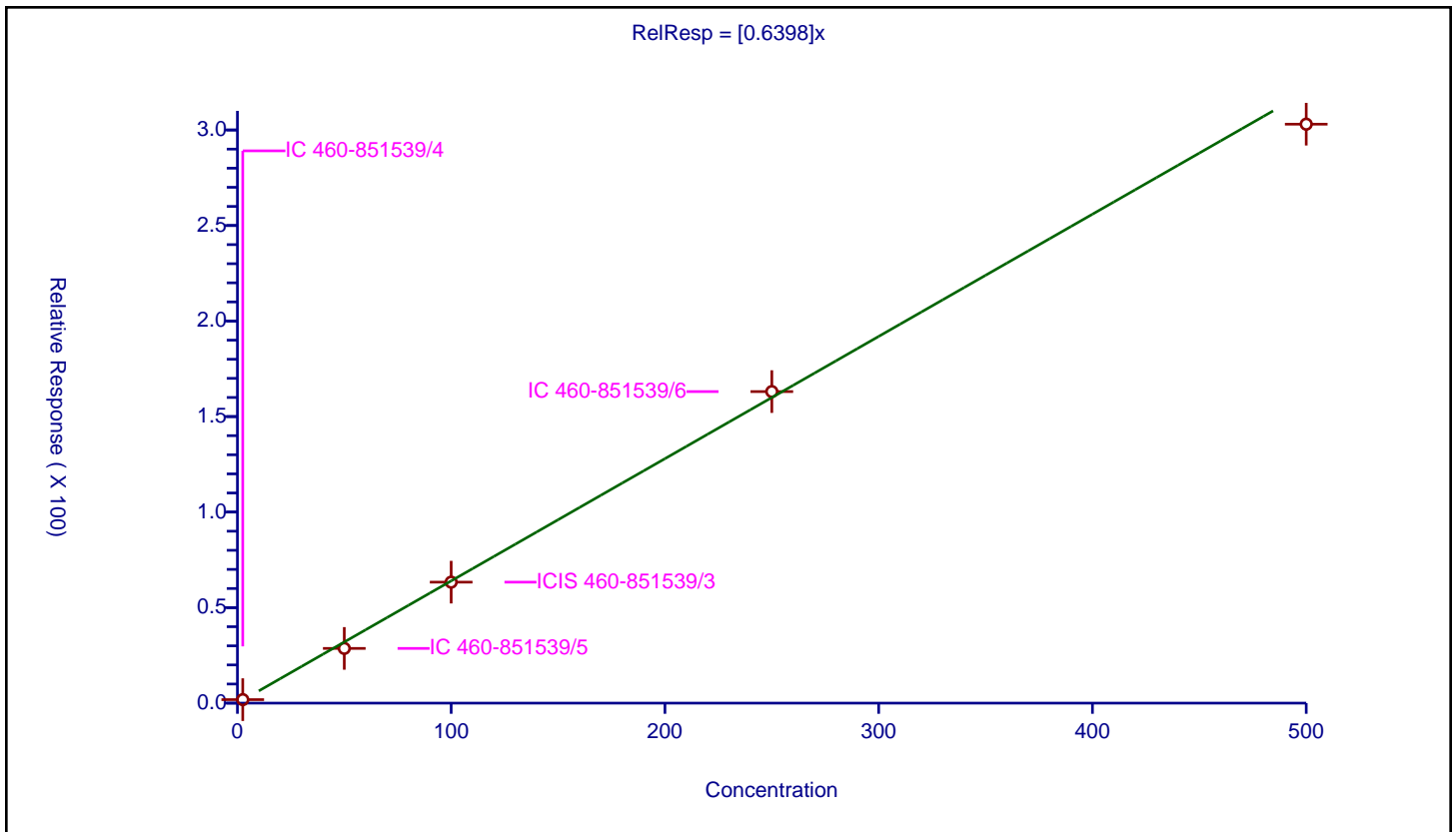
/ Methoxychlor

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6398

Error Coefficients	
Standard Error:	232000000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	1.836845	100.0	142156692.0	0.734738	Y
2	IC 460-851539/5	50.0	28.637057	100.0	133211018.0	0.572741	Y
3	ICIS 460-851539/3	100.0	63.320482	100.0	127631470.0	0.633205	Y
4	IC 460-851539/6	250.0	163.078253	100.0	131209207.0	0.652313	Y
5	IC 460-851539/7	500.0	303.045735	100.0	132530439.0	0.606091	Y



Calibration

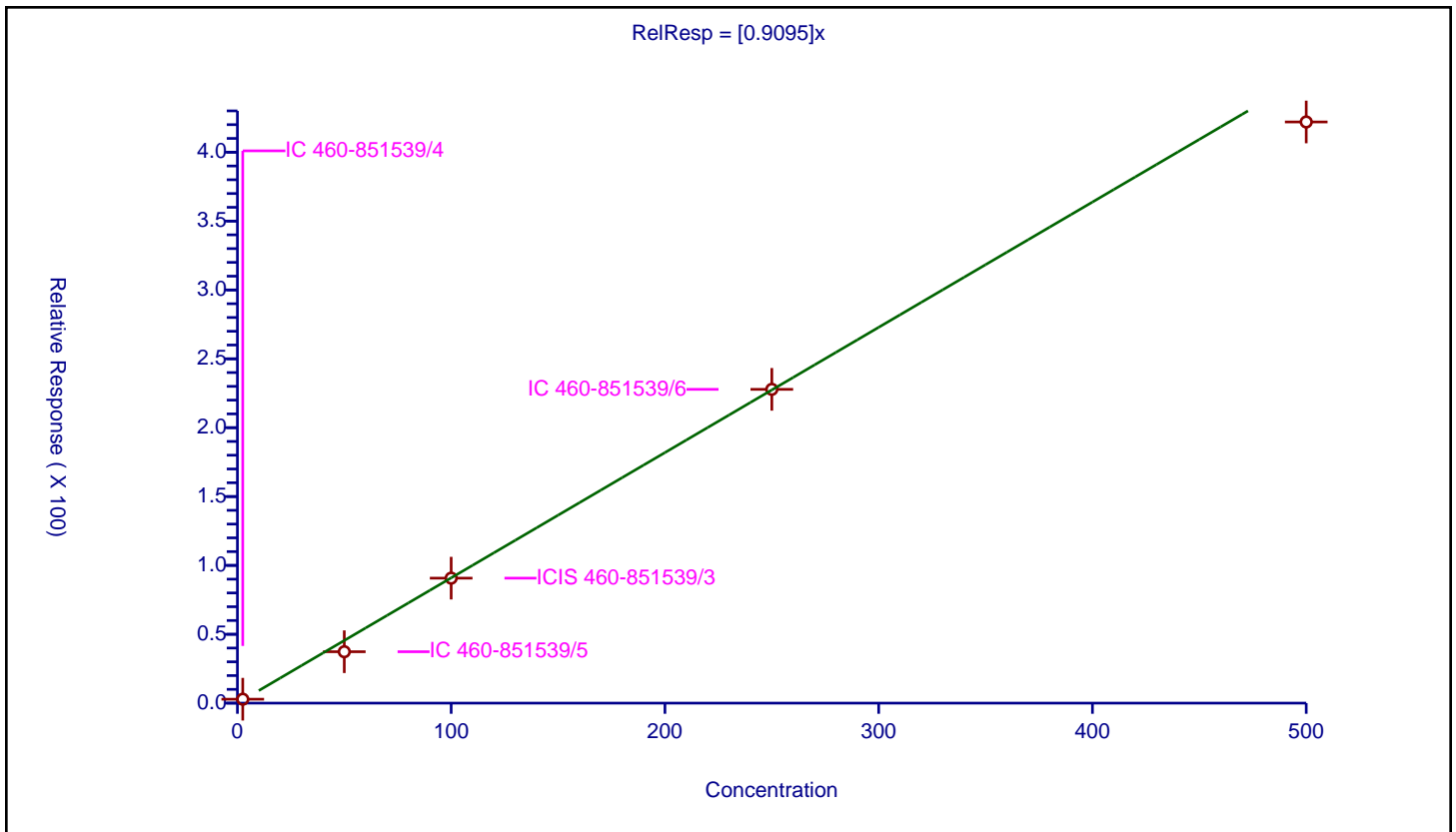
/ Mirex

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9095

Error Coefficients	
Standard Error:	323000000
Relative Standard Error:	15.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.846339	100.0	142156692.0	1.138535	Y
2	IC 460-851539/5	50.0	37.322652	100.0	133211018.0	0.746453	Y
3	ICIS 460-851539/3	100.0	90.742853	100.0	127631470.0	0.907429	Y
4	IC 460-851539/6	250.0	227.832587	100.0	131209207.0	0.91133	Y
5	IC 460-851539/7	500.0	421.957301	100.0	132530439.0	0.843915	Y



Calibration

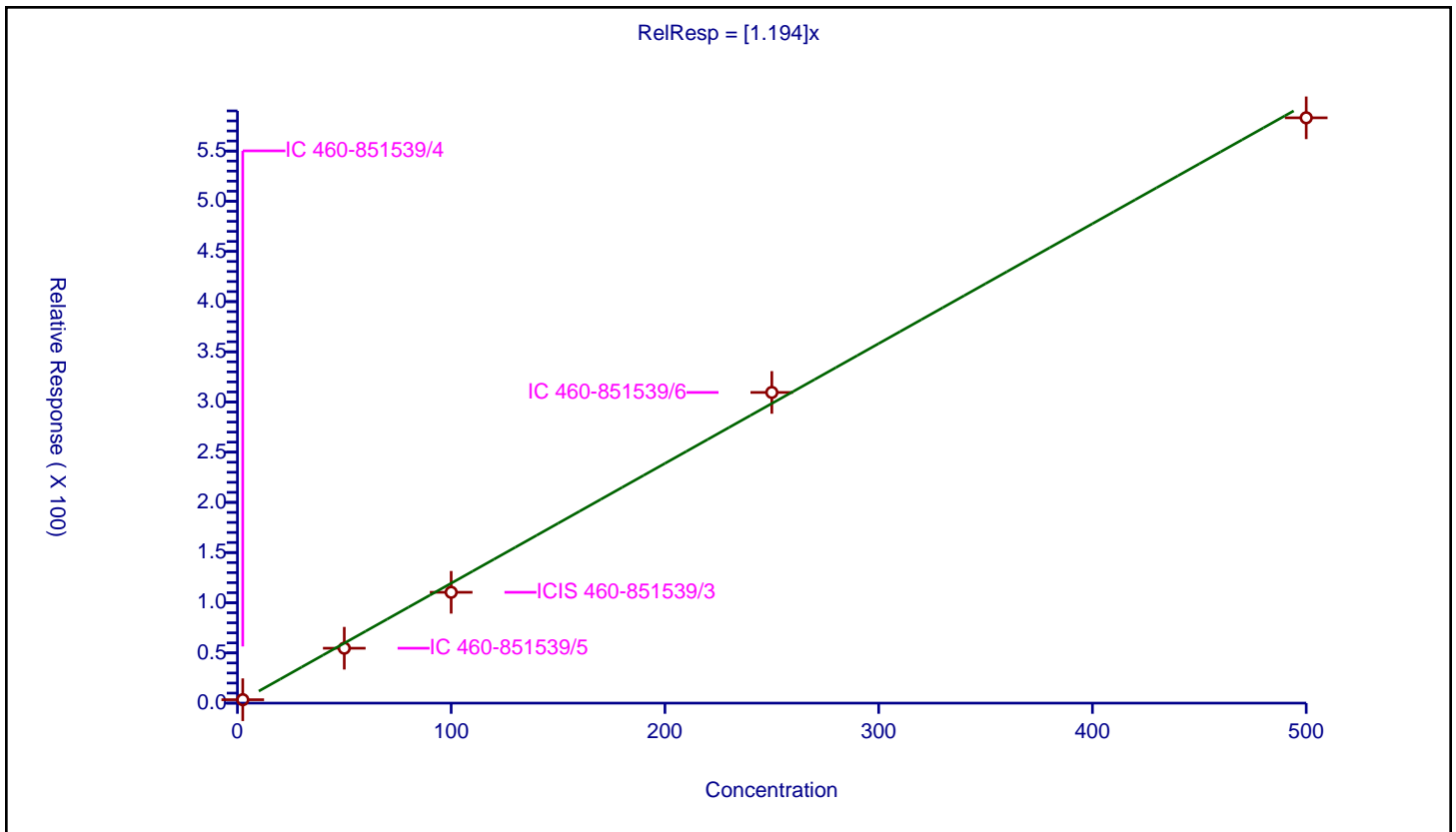
/ Endrin ketone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.194

Error Coefficients	
Standard Error:	444000000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.418265	100.0	142156692.0	1.367306	Y
2	IC 460-851539/5	50.0	54.700265	100.0	133211018.0	1.094005	Y
3	ICIS 460-851539/3	100.0	110.428639	100.0	127631470.0	1.104286	Y
4	IC 460-851539/6	250.0	309.530702	100.0	131209207.0	1.238123	Y
5	IC 460-851539/7	500.0	583.109049	100.0	132530439.0	1.166218	Y



Calibration

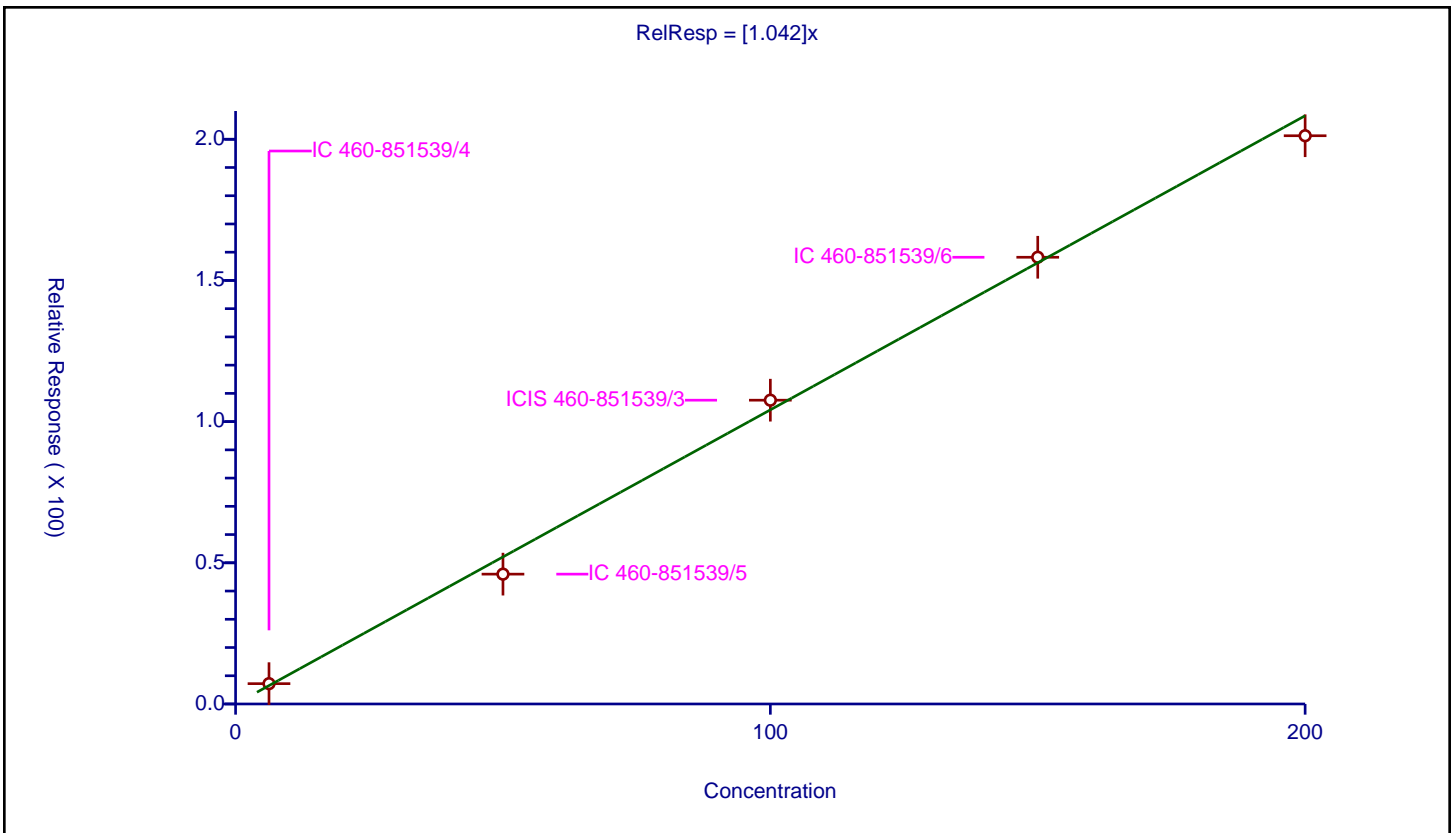
/ DCB Decachlorobiphenyl

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.042

Error Coefficients	
Standard Error:	185000000
Relative Standard Error:	8.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	6.25	7.198826	100.0	142156692.0	1.151812	Y
2	IC 460-851539/5	50.0	45.985972	100.0	133211018.0	0.919719	Y
3	ICIS 460-851539/3	100.0	107.58586	100.0	127631470.0	1.075859	Y
4	IC 460-851539/6	150.0	158.204847	100.0	131209207.0	1.054699	Y
5	IC 460-851539/7	200.0	201.247811	100.0	132530439.0	1.006239	Y



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 851539

SDG No.: _____

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2022 11:07 Calibration End Date: 06/23/2022 11:57 Calibration ID: 90765

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-851539/4	12F0038953.D
Level 2	IC 460-851539/5	12F0038954.D
Level 3	ICIS 460-851539/3	12F0038952.D
Level 4	IC 460-851539/6	12F0038955.D
Level 5	IC 460-851539/7	12F0038956.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.6715	1.5984	1.7036	1.9893	2.0608	Ave		1.8047			11.4		20.0				
gamma-BHC (Lindane)	1.6194	1.4686	1.5682	1.8167	1.8460	Ave		1.6638			9.8		20.0				
beta-BHC	0.4106	0.6269	0.6593	0.7437	0.7079	Lin	-2.004	0.7182						0.9990		0.9900	
delta-BHC	1.3795	1.3798	1.4548	1.7439	1.8030	Ave		1.5522			13.2		20.0				
Heptachlor	1.6776	1.4361	1.5144	1.6883	1.6762	Ave		1.5985			7.3		20.0				
Aldrin	1.5712	1.4273	1.5258	1.7203	1.7232	Ave		1.5936			8.0		20.0				
Heptachlor epoxide	1.5599	1.2913	1.3838	1.4958	1.4590	Ave		1.4380			7.2		20.0				
trans-Chlordane	1.5775	1.2909	1.4324	1.5925	1.6278	Ave		1.5042			9.3		20.0				
cis-Chlordane	1.5526	1.2258	1.3572	1.5042	1.5357	Ave		1.4351			9.8		20.0				
4,4'-DDE	1.5474	1.2429	1.4363	1.5933	1.6212	Ave		1.4882			10.4		20.0				
Endosulfan I	1.4938	1.1412	1.2713	1.3794	1.3601	Ave		1.3292			9.9		20.0				
Dieldrin	1.5111	1.2835	1.3699	1.5593	1.5393	Ave		1.4526			8.3		20.0				
Endrin	1.4061	1.2295	1.3581	1.4820	1.4404	Ave		1.3832			7.0		20.0				
4,4'-DDD	1.2106	1.0161	1.1518	1.3055	1.2907	Ave		1.1949			9.9		20.0				
Endosulfan II	1.3493	0.8498	1.2064	1.3096	1.3104	Ave		1.2051			17.1		20.0				
4,4'-DDT	1.2702	1.0157	1.1643	1.3302	1.3443	Ave		1.2250			11.2		20.0				
Endrin aldehyde	1.1933	0.8681	0.9871	1.1128	1.0567	Ave		1.0436			11.9		20.0				
Methoxychlor	0.7800	0.5965	0.6414	0.6928	0.6631	Ave		0.6747			10.2		20.0				
Mirex	1.1452	0.8181	0.9514	1.0379	0.9939	Ave		0.9893			12.1		20.0				
Endosulfan sulfate	1.1685	1.0090	1.0719	1.2467	1.2190	Ave		1.1430			8.8		20.0				
Endrin ketone	1.3744	1.1089	1.2002	1.3279	1.2861	Ave		1.2595			8.4		20.0				
Tetrachloro-m-xylene	1.3231	1.0978	1.3408	1.3389	1.2948	Ave		1.2791			8.1		20.0				
DCB Decachlorobiphenyl	1.2961	1.1264	1.1604	1.3035	1.2748	Ave		1.2322			6.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
 PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 851539

SDG No.: _____

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2022 11:07 Calibration End Date: 06/23/2022 11:57 Calibration ID: 90765

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-851539/4	12F0038953.D
Level 2	IC 460-851539/5	12F0038954.D
Level 3	ICIS 460-851539/3	12F0038952.D
Level 4	IC 460-851539/6	12F0038955.D
Level 5	IC 460-851539/7	12F0038956.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	9465663	175514609	362590591	107244269 1	224115018 8	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	9170590	161257041	333775522	979392911	200753390 7	2.50	50.0	100	250	500
beta-BHC	BNB	Lin	2325262	68839773	140318045	400952166	769841841	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	7812238	151508620	309638517	940137397	196079489 9	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	9500086	157694588	322332954	910151689	182290359 1	2.50	50.0	100	250	500
Aldrin	BNB	Ave	8897847	156723457	324749536	927417503	187396921 5	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	8833709	141794511	294534436	806407205	158661379 9	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	8933452	141746800	304868644	858499587	177025446 1	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	8792489	134593539	288858864	810903262	167010048 4	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	8762616	136480551	305692967	858970395	176307187 6	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	8459145	125306210	270588462	743614961	147913804 0	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	8557249	140936101	291565266	840636869	167401497 7	2.50	50.0	100	250	500
Endrin	BNB	Ave	7962415	135001188	289057303	798942669	156638730 1	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	6855560	111570327	245157596	703774766	140363861 4	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	7641216	93317488	256767476	706029698	142510797 1	2.50	50.0	100	250	500

FORM VI
 PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-271282-1 Analy Batch No.: 851539

SDG No.: _____

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2022 11:07 Calibration End Date: 06/23/2022 11:57 Calibration ID: 90765

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4,4'-DDT	BNB	Ave	7192960	111530981	247816089	717090828	1461982397	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	6757693	95320869	210101662	599899229	1149120503	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	4416927	65496392	136508470	373471258	721147821	2.50	50.0	100	250	500
Mirex	BNB	Ave	6485073	89834124	202491781	559506313	1080849175	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	6617246	110793829	228137247	672119091	1325682533	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	7783026	121764869	255447264	715845281	1398677789	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	18731199	120544747	285366217	433072426	563257210	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	18349285	123687055	246974282	421636303	554522840	6.25	50.0	100	150	200

Curve Type Legend

Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 23-Jun-2022 11:07:47 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-003
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:22 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

First Level Reviewer: OR9X Date: 24-Jun-2022 17:18:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.633	1.633	0.000	127631470	100.0	100.0	
2	1.548	1.548	0.000	212839221	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	160707507	100.0	106.2	
2	1.914	1.914	0.000	285366217	100.0	104.8	
							RPD = 1.31

15 alpha-BHC

1	2.603	2.603	0.000	212096107	100.0	96.8	
2	2.233	2.233	0.000	362590591	100.0	94.4	
							RPD = 2.47

2 gamma-BHC (Lindane)

1	2.904	2.904	0.000	188198819	100.0	97.2	
2	2.438	2.438	0.000	333775522	100.0	94.3	
							RPD = 3.05

6 beta-BHC

1	2.963	2.963	0.000	80307430	100.0	106.9	
2	2.490	2.490	0.000	140318045	100.0	94.6	
							RPD = 12.25

32 delta-BHC

1	3.260	3.260	0.000	179799258	100.0	95.3	
2	2.623	2.623	0.000	309638517	100.0	93.7	
							RPD = 1.68

18 Heptachlor

1	3.353	3.353	0.000	181568308	100.0	98.1	
2	2.786	2.786	0.000	322332954	100.0	94.7	
							RPD = 3.48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	179561720	100.0	99.5	
2	3.037	3.037	0.000	324749536	100.0	95.7	
						RPD = 3.83	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	159492128	100.0	98.3	
2	3.630	3.630	0.000	294534436	100.0	96.2	
						RPD = 2.17	
9 trans-Chlordane							
1	4.621	4.621	0.000	159853000	100.0	98.0	
2	3.764	3.764	0.000	304868644	100.0	95.2	
						RPD = 2.89	
23 cis-Chlordane							
1	4.792	4.792	0.000	153827330	100.0	97.0	
2	3.906	3.906	0.000	288858864	100.0	94.6	
						RPD = 2.58	
7 Endosulfan I							
1	4.858	4.858	0.000	145711449	100.0	97.4	
2	4.053	4.053	0.000	270588462	100.0	95.6	
						RPD = 1.82	
25 4,4'-DDE							
1	4.962	4.962	0.000	165496944	100.0	99.6	
2	3.984	3.984	0.000	305692967	100.0	96.5	
						RPD = 3.10	
30 Dieldrin							
1	5.132	5.132	0.000	171585661	100.0	97.8	
2	4.310	4.310	0.000	291565266	100.0	94.3	
						RPD = 3.65	
20 Endrin							
1	5.417	5.417	0.000	164346705	100.0	98.7	
2	4.582	4.582	0.000	289057303	100.0	98.2	
						RPD = 0.54	
16 4,4'-DDD							
1	5.528	5.528	0.000	143316808	100.0	98.9	
2	4.665	4.665	0.000	245157596	100.0	96.4	
						RPD = 2.53	
11 Endosulfan II							
1	5.628	5.628	0.000	151231890	100.0	102.8	
2	4.831	4.831	0.000	256767476	100.0	100.1	
						RPD = 2.62	
21 4,4'-DDT							
1	5.886	5.886	0.000	142904958	100.0	99.2	
2	4.961	4.961	0.000	247816089	100.0	95.1	
						RPD = 4.24	
5 Endrin aldehyde							
1	6.026	6.026	0.000	118661032	100.0	98.5	
2	5.233	5.233	0.000	210101662	100.0	94.6	
						RPD = 4.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.419	6.419	0.000	137403475	100.0	98.1	
2	5.641	5.641	0.000	228137247	100.0	93.8	
							RPD = 4.52

10 Methoxychlor

1	6.981	6.981	0.000	80816862	100.0	99.0	
2	5.431	5.431	0.000	136508470	100.0	95.1	
							RPD = 4.03

34 Mirex

1	7.174	7.174	0.000	115816437	100.0	99.8	
2	5.515	5.515	0.000	202491781	100.0	96.2	
							RPD = 3.67

13 Endrin ketone

1	7.253	7.253	0.000	140941695	100.0	92.5	
2	5.941	5.941	0.000	255447264	100.0	95.3	
							RPD = 2.99

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	137313414	100.0	103.3	
2	7.466	7.466	0.000	246974282	100.0	94.2	
							RPD = 9.23

QC Flag Legend

Processing Flags

Reagents:

SGPESTL3_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfins\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D

Injection Date: 23-Jun-2022 11:07:47

Instrument ID: CPESTGC12

Operator ID:

Lims ID: ICIS

Worklist Smp#: 3

Client ID:

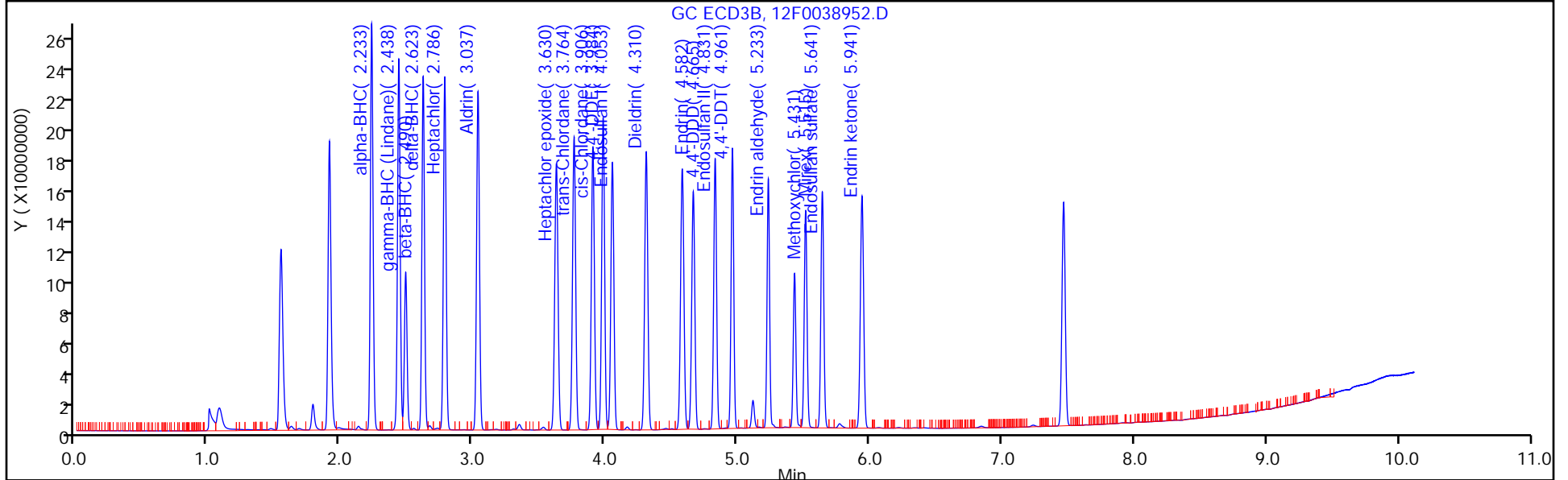
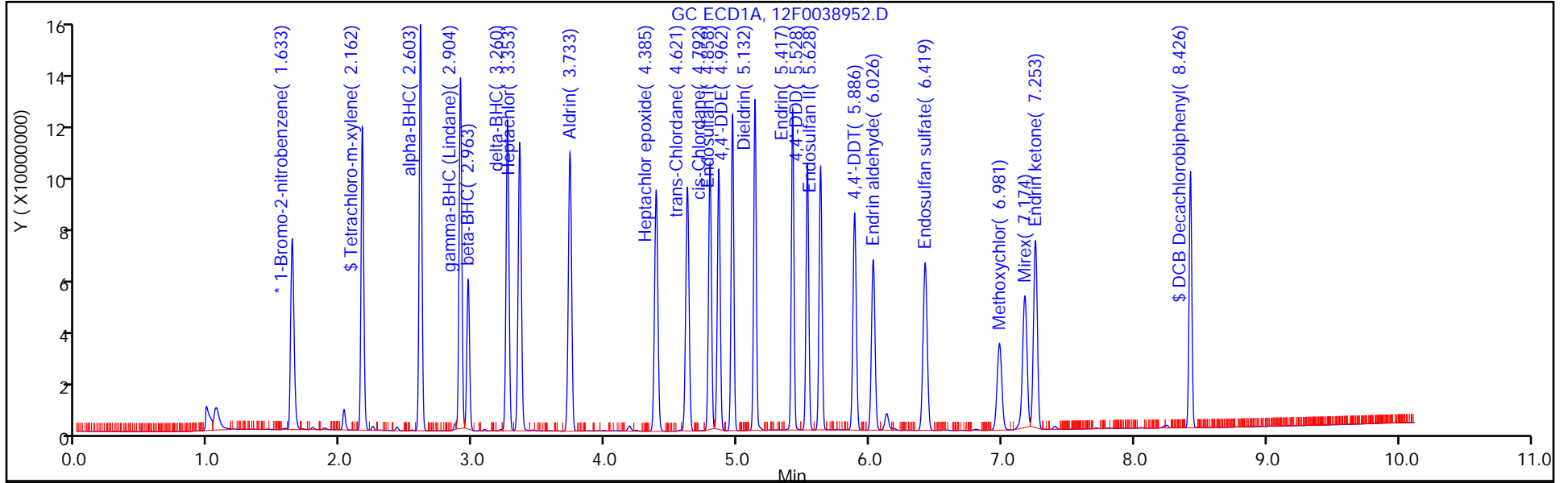
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison

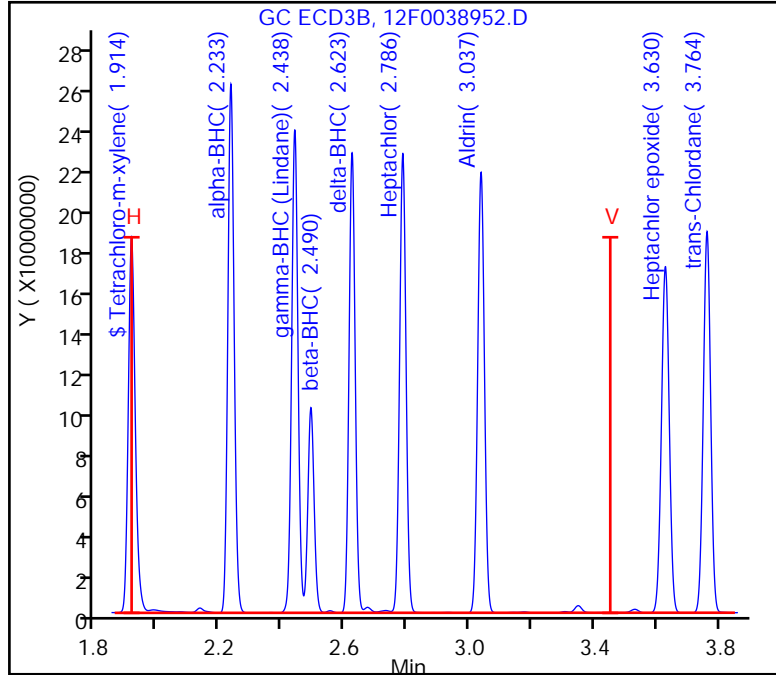
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

\$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 181635264
H(Smaller Peak Height) = 181600544

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

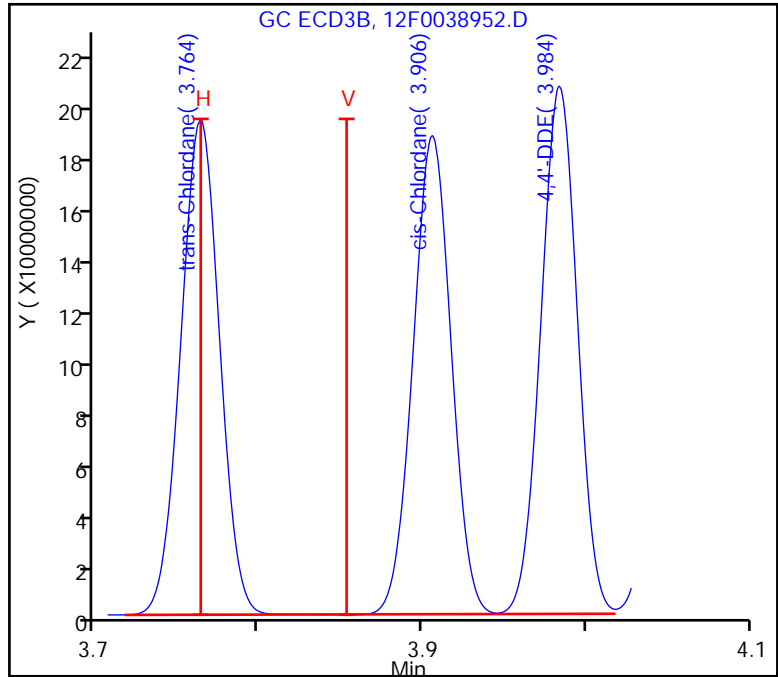
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 25 4,4'-DDE

CLP Method

$\%Resolution = (V/H) * 100$
V(Valley Height) = 184297392
H(Smaller Peak Height) = 184288288

$\%Resolution = 100.0$, Min. Resolution > 60.0
Passed

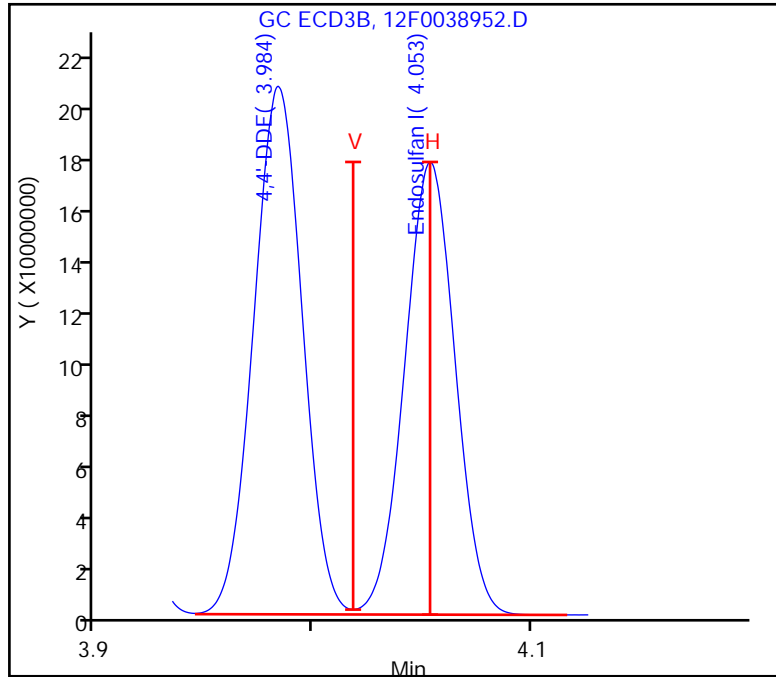


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D
Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
25 4,4'-DDE - 7 Endosulfan I

CLP Method

$\%Resolution = (V/H) * 100$
V(Valley Height) = 166298704
H(Smaller Peak Height) = 168175984
 $\%Resolution = 98.9$, Min. Resolution > 60.0
Passed



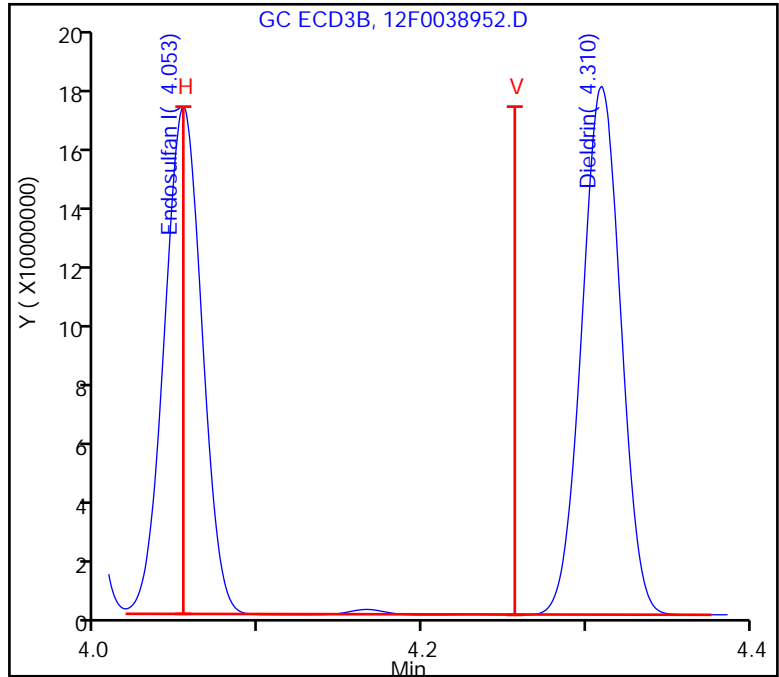
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038952.D
Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

$\%Resolution = (V/H) * 100$
V(Valley Height) = 168324624
H(Smaller Peak Height) = 167978528
 $\%Resolution = 100.0$, Min. Resolution > 100.0
Passed



Eurofins Edison

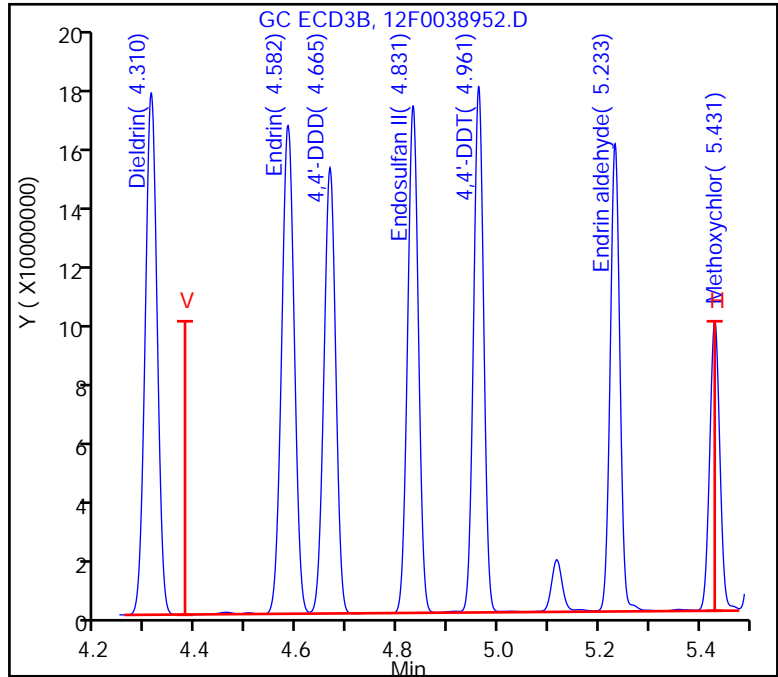
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 98410064
H(Smaller Peak Height) = 97059616

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

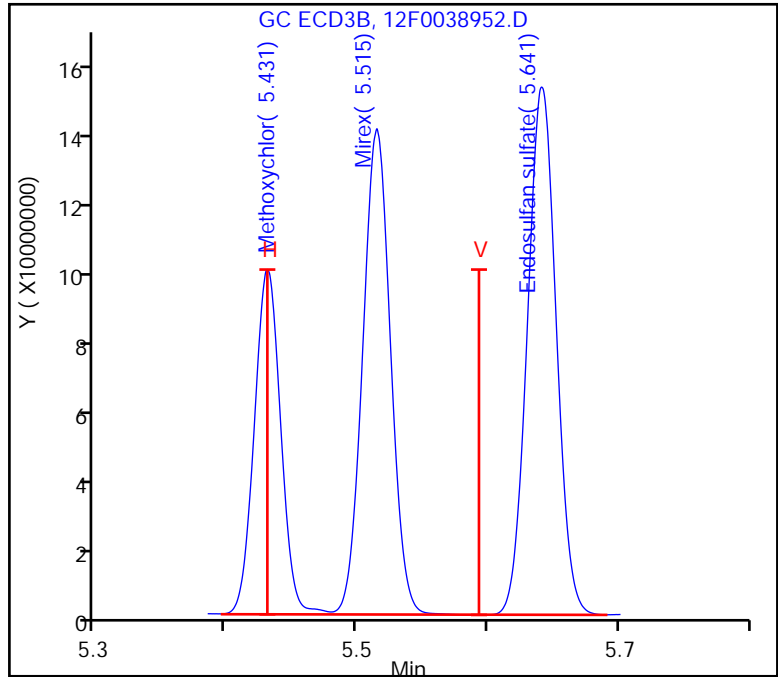
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 97182304
H(Smaller Peak Height) = 97006184

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison

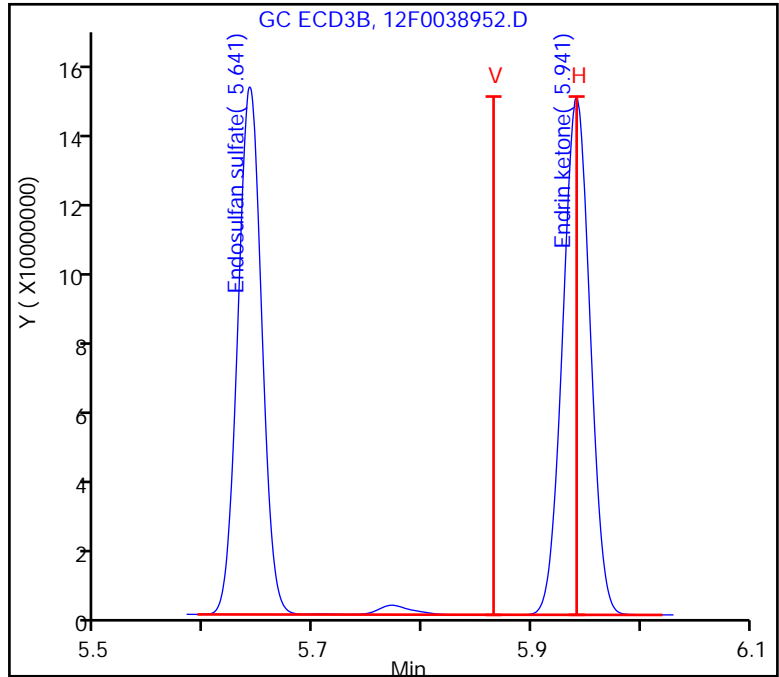
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

$\%Resolution = (V/H) * 100$
V(Valley Height) = 145995264
H(Smaller Peak Height) = 145975472

$\%Resolution = 100.0$, Min. Resolution > 60.0
Passed



Eurofins Edison

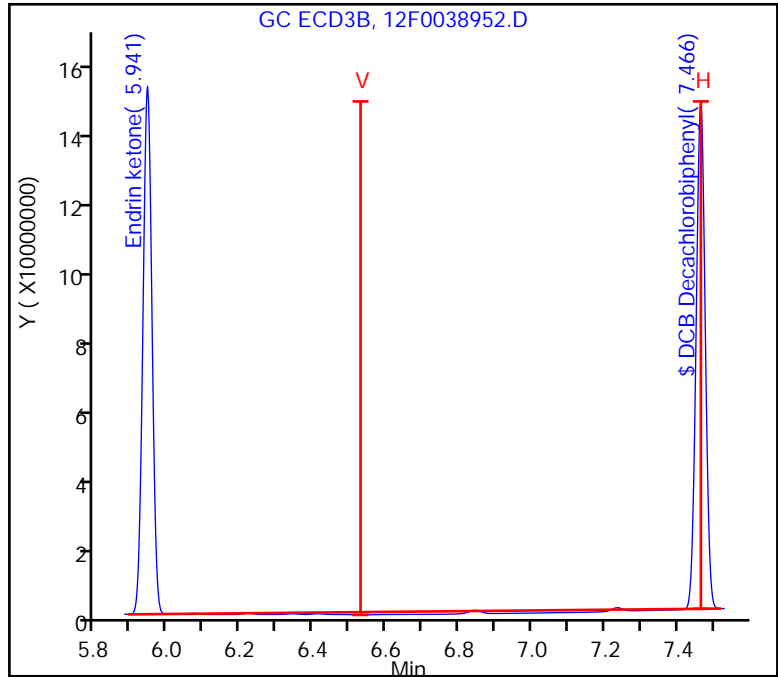
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Injection Date: 23-Jun-2022 11:07:47 Instrument ID: CPESTGC12
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - \$ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 142169616
H(Smaller Peak Height) = 140470448

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-Jun-2022 11:20:07 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-004
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:28 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

First Level Reviewer: OR9X Date: 24-Jun-2022 17:18:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.633	1.633	0.000	142156692	100.0	100.0	
2	1.548	1.548	0.000	226516872	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.161	2.162	-0.001	10198797	6.25	6.05	
2	1.914	1.914	0.000	18731199	6.25	6.47	
							RPD = 6.61

15 alpha-BHC

1	2.602	2.603	-0.001	5770724	2.50	2.36	
2	2.233	2.233	0.000	9465663	2.50	2.32	
							RPD = 2.06

2 gamma-BHC (Lindane)

1	2.904	2.904	0.000	5420951	2.50	2.51	
2	2.438	2.438	0.000	9170590	2.50	2.43	
							RPD = 3.22

6 beta-BHC

1	2.963	2.963	0.000	1367976	2.50	1.64	
2	2.490	2.490	0.000	2325262	2.50	4.22	
							RPD = 88.27

32 delta-BHC

1	3.260	3.260	0.000	4867853	2.50	2.32	
2	2.622	2.623	-0.001	7812238	2.50	2.22	
							RPD = 4.18

18 Heptachlor

1	3.352	3.353	-0.001	5466237	2.50	2.65	
2	2.784	2.786	-0.002	9500086	2.50	2.62	
							RPD = 1.06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.732	3.733	-0.001	5064862	2.50	2.52	
2	3.036	3.037	-0.001	8897847	2.50	2.46	
						RPD = 2.18	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	4842430	2.50	2.68	
2	3.629	3.630	-0.001	8833709	2.50	2.71	
						RPD = 1.15	
9 trans-Chlordane							
1	4.621	4.621	0.000	4698640	2.50	2.59	
2	3.763	3.764	-0.001	8933452	2.50	2.62	
						RPD = 1.35	
23 cis-Chlordane							
1	4.792	4.792	0.000	4783913	2.50	2.71	
2	3.905	3.906	-0.001	8792489	2.50	2.70	
						RPD = 0.18	
7 Endosulfan I							
1	4.858	4.858	0.000	4561422	2.50	2.74	
2	4.053	4.053	0.000	8459145	2.50	2.81	
						RPD = 2.60	
25 4,4'-DDE							
1	4.961	4.962	-0.001	4774961	2.50	2.58	
2	3.983	3.984	-0.001	8762616	2.50	2.60	
						RPD = 0.79	
30 Dieldrin							
1	5.132	5.132	0.000	5325883	2.50	2.73	
2	4.308	4.310	-0.002	8557249	2.50	2.60	
						RPD = 4.70	
20 Endrin							
1	5.416	5.417	-0.001	5067381	2.50	2.73	
2	4.582	4.582	0.000	7962415	2.50	2.54	
						RPD = 7.26	
16 4,4'-DDD							
1	5.528	5.528	0.000	4249919	2.50	2.63	M
2	4.664	4.665	-0.001	6855560	2.50	2.53	M
						RPD = 3.85	
11 Endosulfan II							
1	5.628	5.628	0.000	4806037	2.50	2.93	M
2	4.830	4.831	-0.001	7641216	2.50	2.80	M
						RPD = 4.63	
21 4,4'-DDT							
1	5.885	5.886	-0.001	4217062	2.50	2.63	M
2	4.961	4.961	0.000	7192960	2.50	2.59	M
						RPD = 1.34	
5 Endrin aldehyde							
1	6.027	6.026	0.001	3838810	2.50	2.86	M
2	5.232	5.233	-0.001	6757693	2.50	2.86	M
						RPD = 0.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate							M
1	6.418	6.419	-0.001	4127761	2.50	2.65	
2	5.641	5.641	0.000	6617246	2.50	2.56	M
							RPD = 3.47
10 Methoxychlor							M
1	6.980	6.981	-0.001	2611198	2.50	2.87	
2	5.431	5.431	0.000	4416927	2.50	2.89	M
							RPD = 0.66
34 Mirex							M
1	7.174	7.174	0.000	4046261	2.50	3.13	
2	5.514	5.515	-0.001	6485073	2.50	2.89	M
							RPD = 7.82
13 Endrin ketone							M
1	7.253	7.253	0.000	4859293	2.50	2.86	
2	5.941	5.941	0.000	7783026	2.50	2.73	M
							RPD = 4.82
\$ 24 DCB Decachlorobiphenyl							
1	8.425	8.426	-0.001	10233613	6.25	6.91	
2	7.466	7.466	0.000	18349285	6.25	6.57	
							RPD = 5.00

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL1_00032

Amount Added: 1.00

Units: mL

SGPESTISTD_00018

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D

Injection Date: 23-Jun-2022 11:20:07

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 4

Client ID:

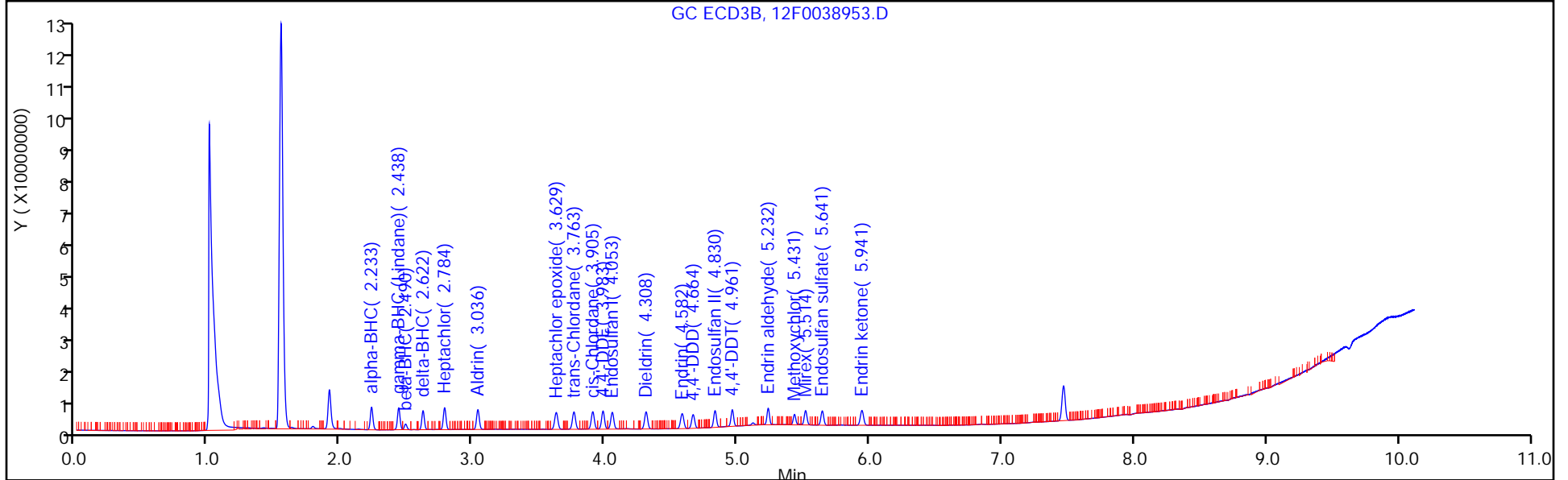
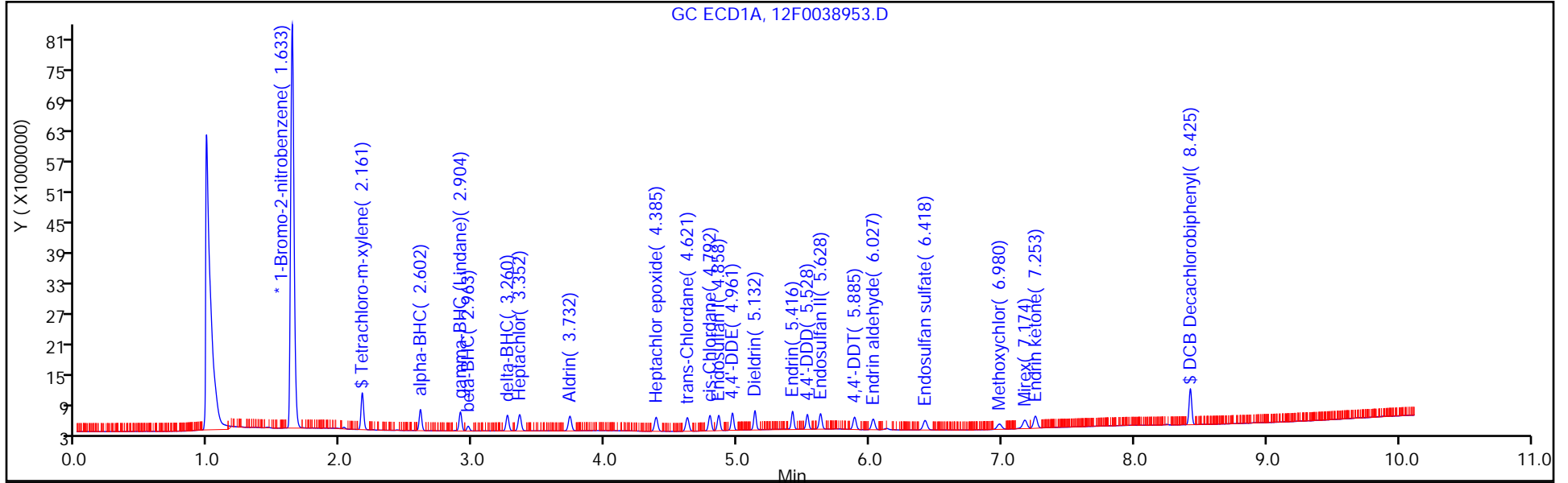
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison

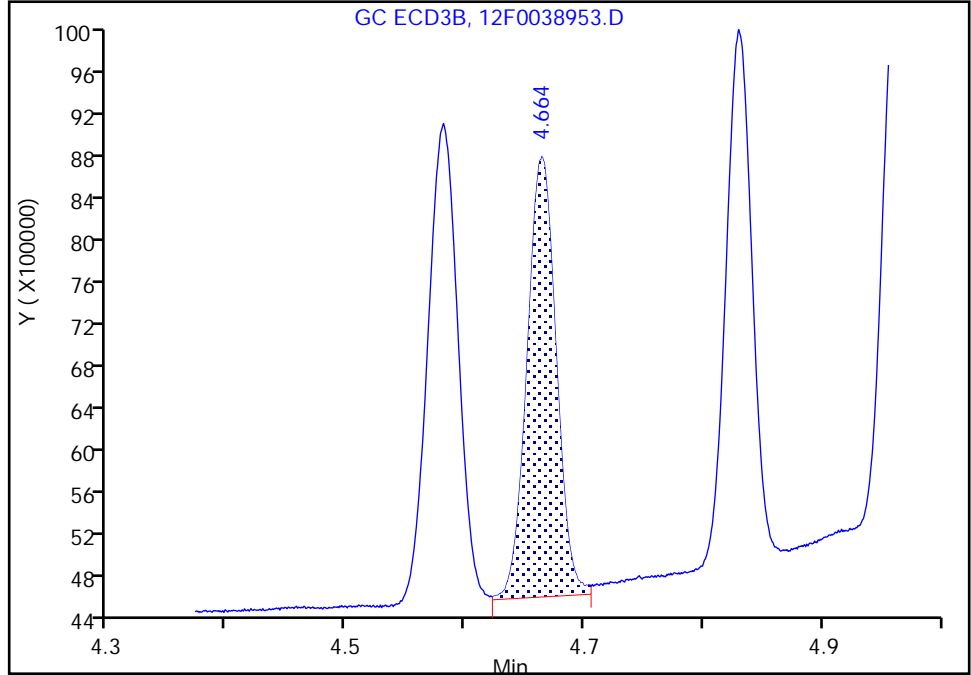
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Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8

Signal: 2

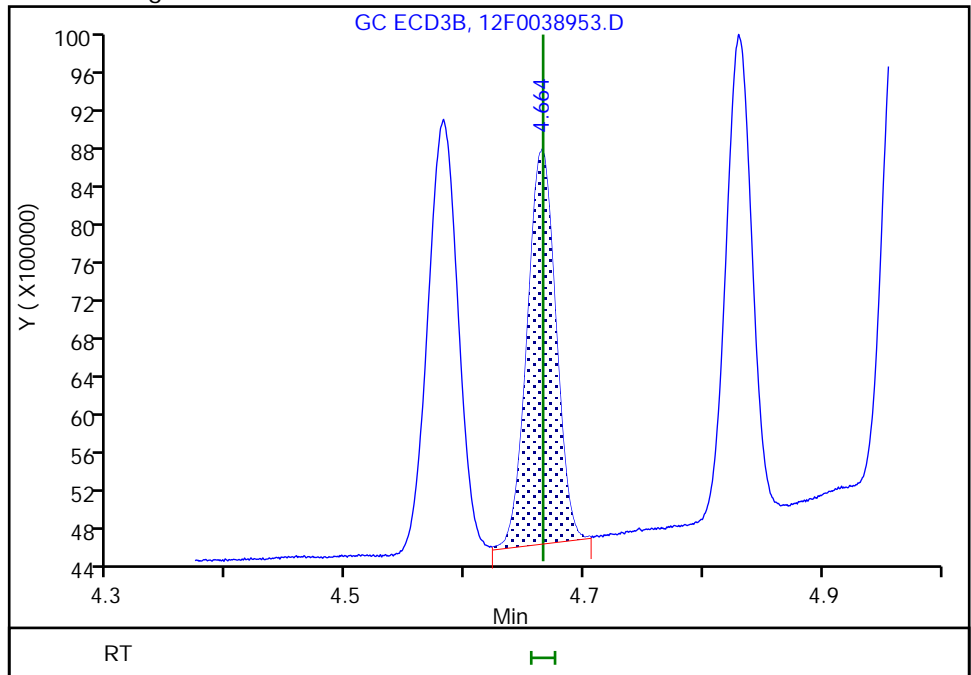
RT: 4.66
Area: 7018670
Amount: 2.580597
Amount Units: ug/l

Processing Integration Results



RT: 4.66
Area: 6855560
Amount: 2.532777
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:26
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

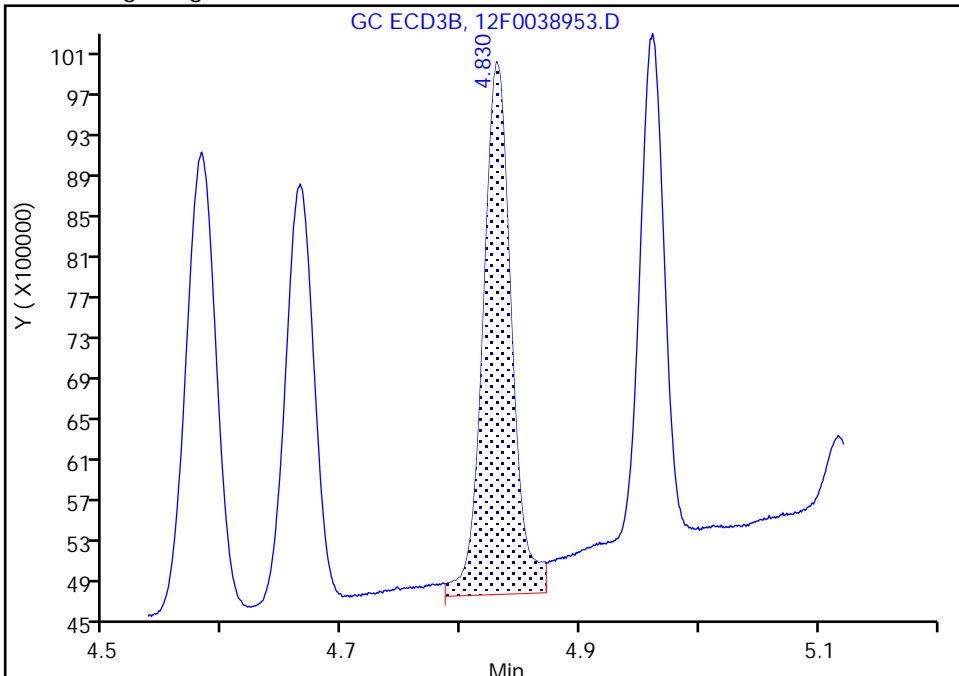
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9

Signal: 2

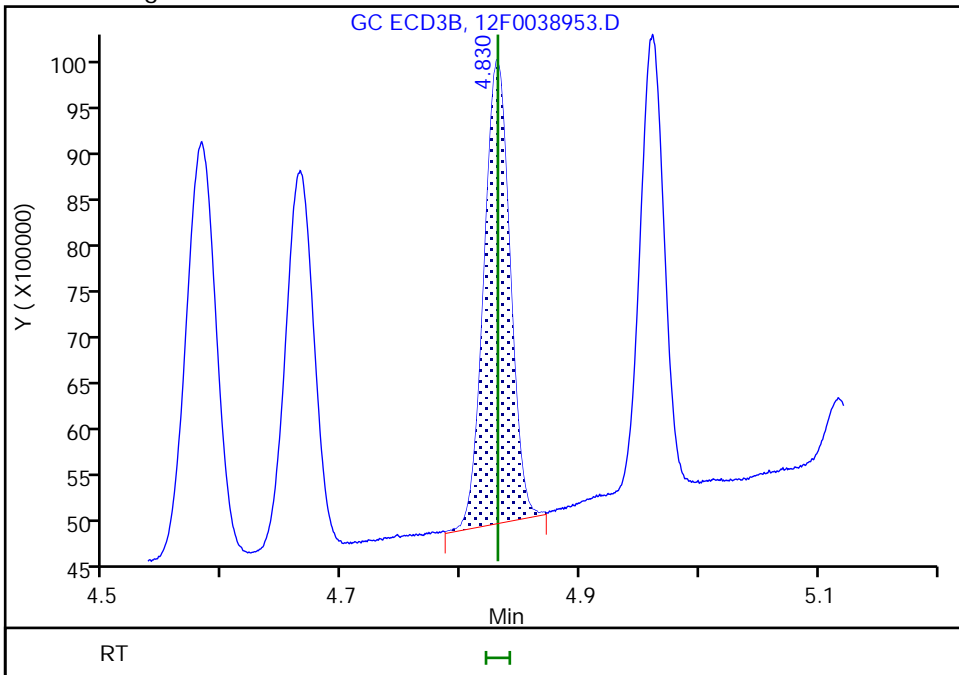
RT: 4.83
Area: 8610438
Amount: 3.067084
Amount Units: ug/l

Processing Integration Results



RT: 4.83
Area: 7641216
Amount: 2.799153
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:29
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

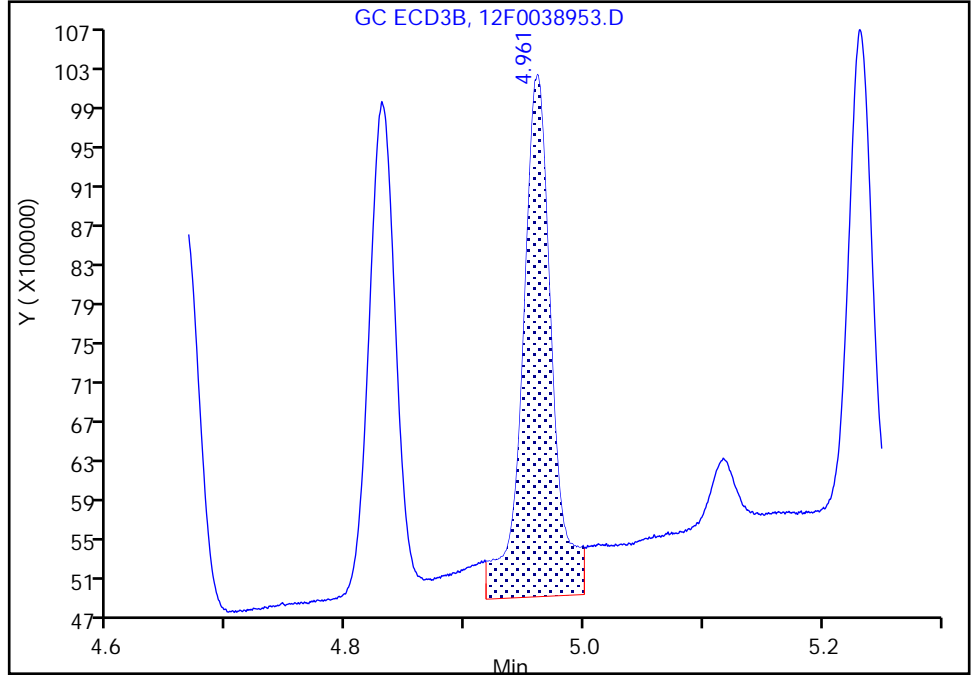
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Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3

Signal: 2

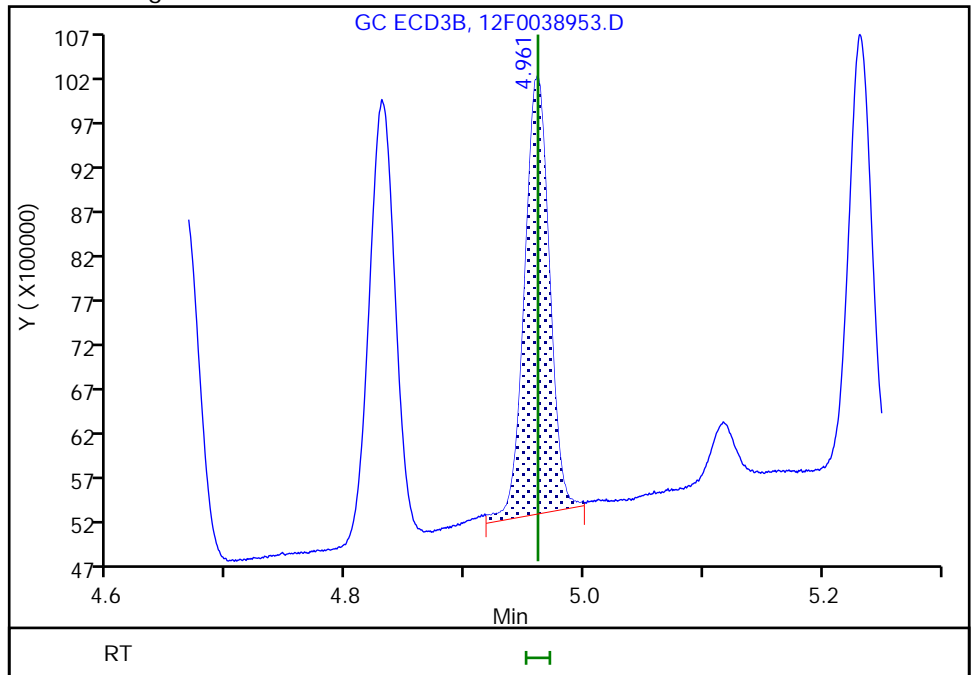
RT: 4.96
Area: 9035295
Amount: 3.092048
Amount Units: ug/l

Processing Integration Results



RT: 4.96
Area: 7192960
Amount: 2.592319
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:29
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

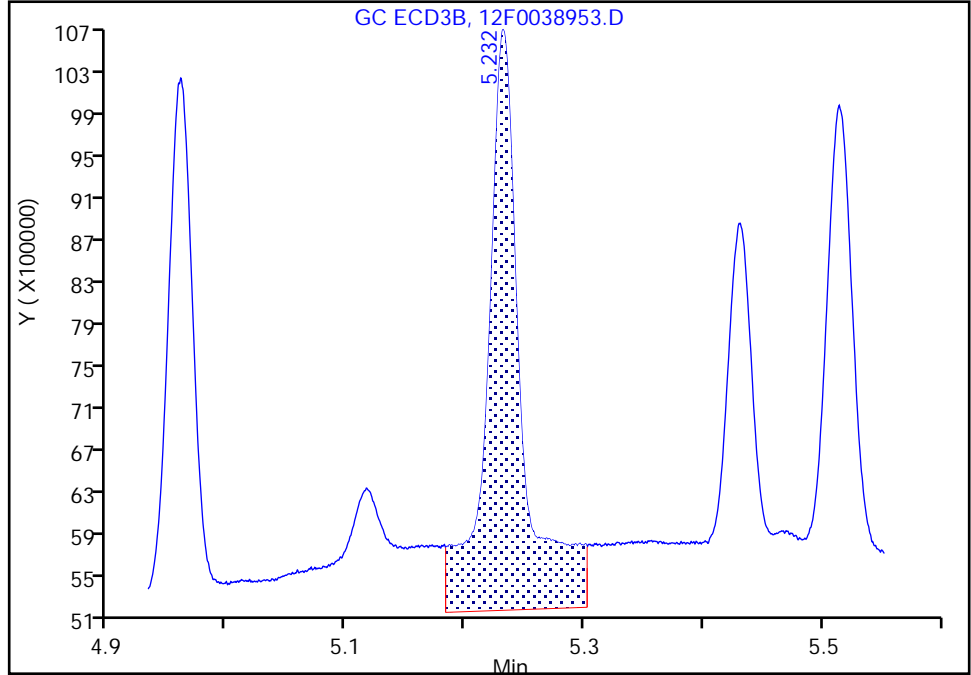
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Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

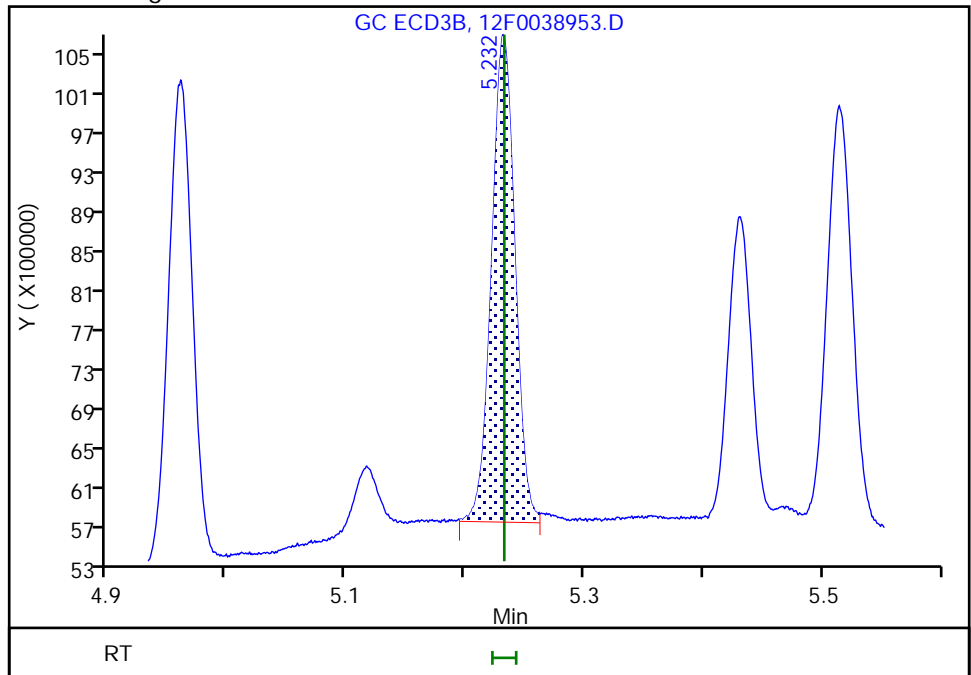
RT: 5.23
Area: 11145753
Amount: 7.059445
Amount Units: ug/l

Processing Integration Results



RT: 5.23
Area: 6757693
Amount: 2.858672
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:33
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

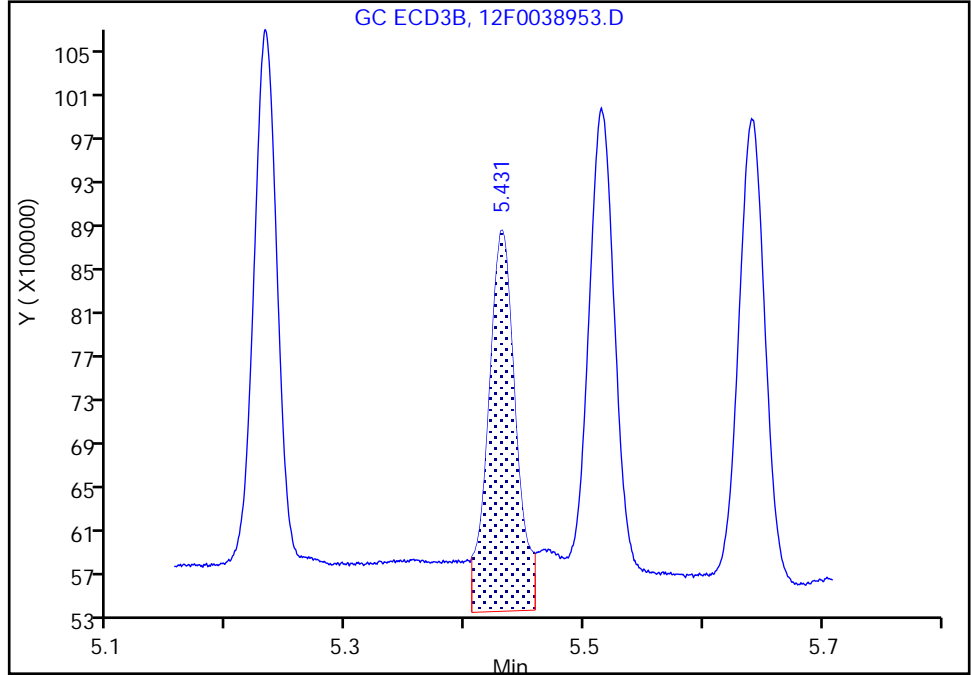
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5

Signal: 2

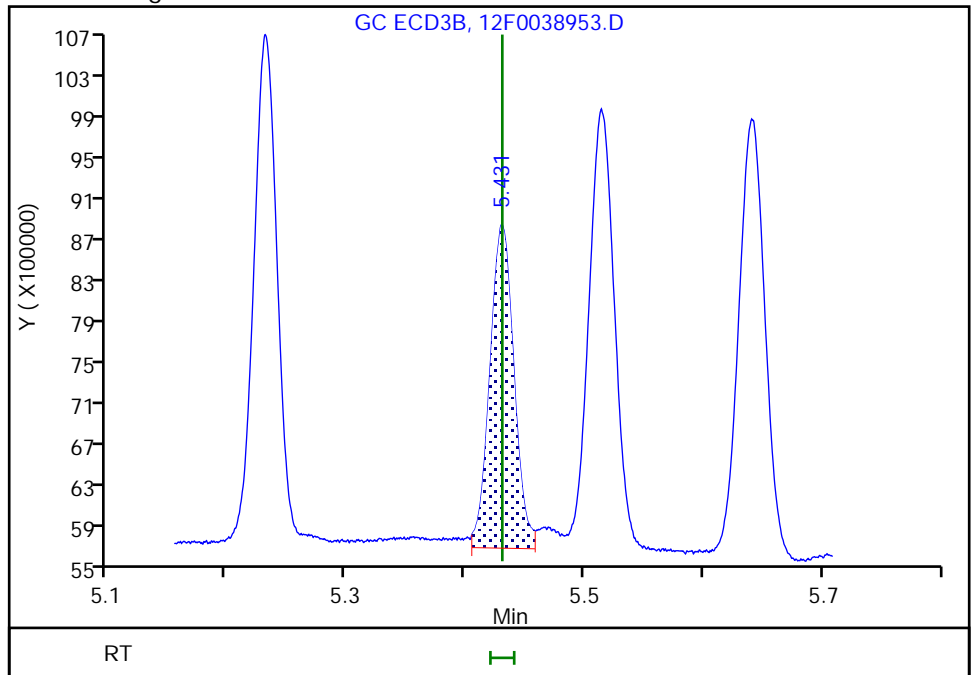
RT: 5.43
Area: 5594370
Amount: 4.510708
Amount Units: ug/l

Processing Integration Results



RT: 5.43
Area: 4416927
Amount: 2.889891
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:33
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

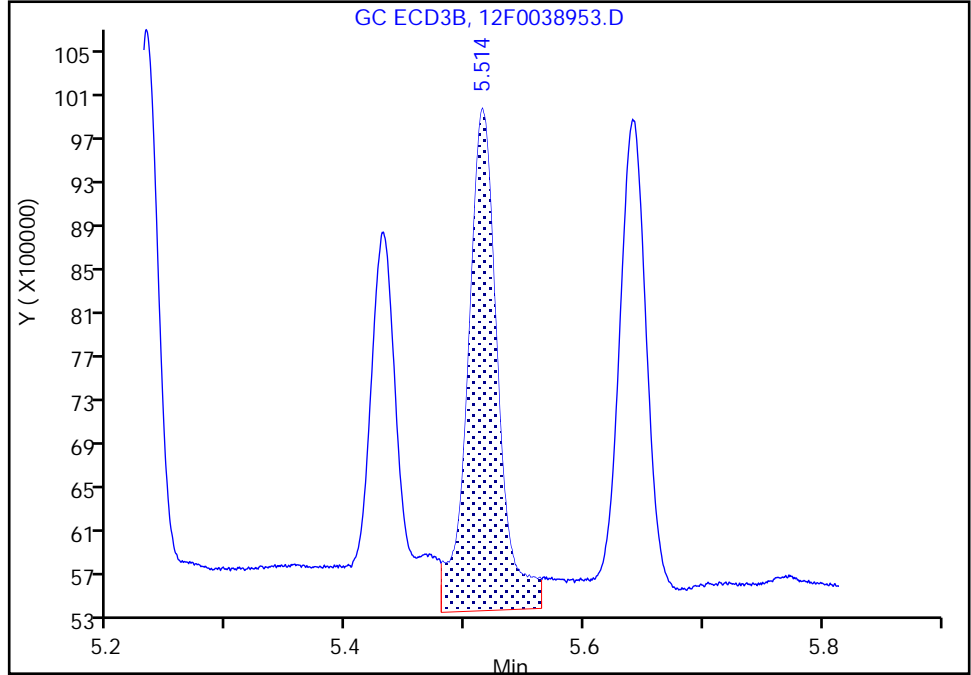
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Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

34 Mirex, CAS: 2385-85-5

Signal: 2

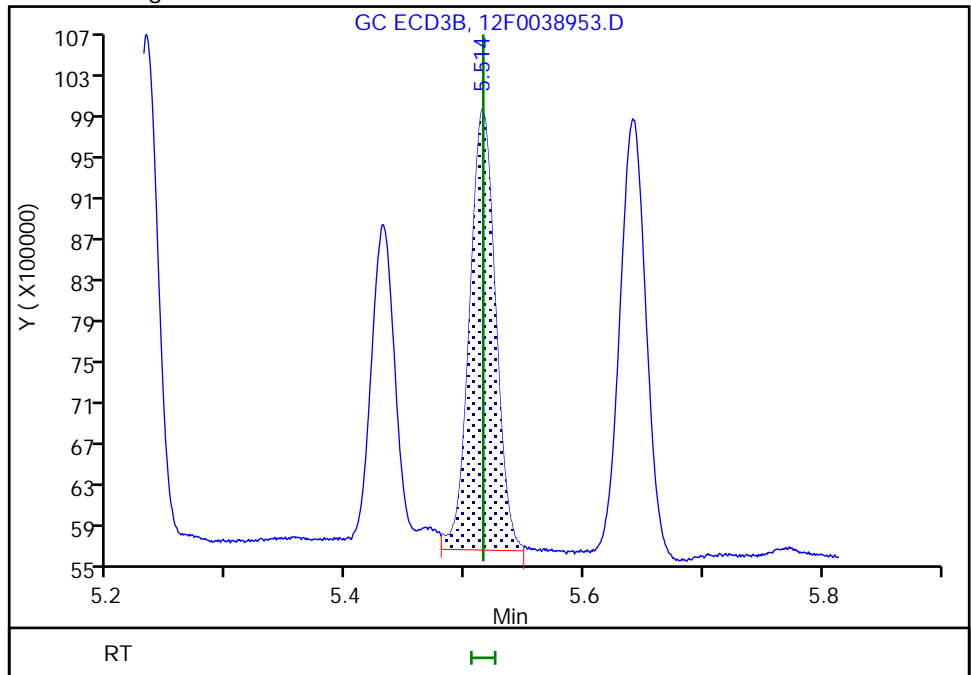
RT: 5.51
Area: 7977527
Amount: 5.986722
Amount Units: ug/l

Processing Integration Results



RT: 5.51
Area: 6485073
Amount: 2.893962
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:33
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

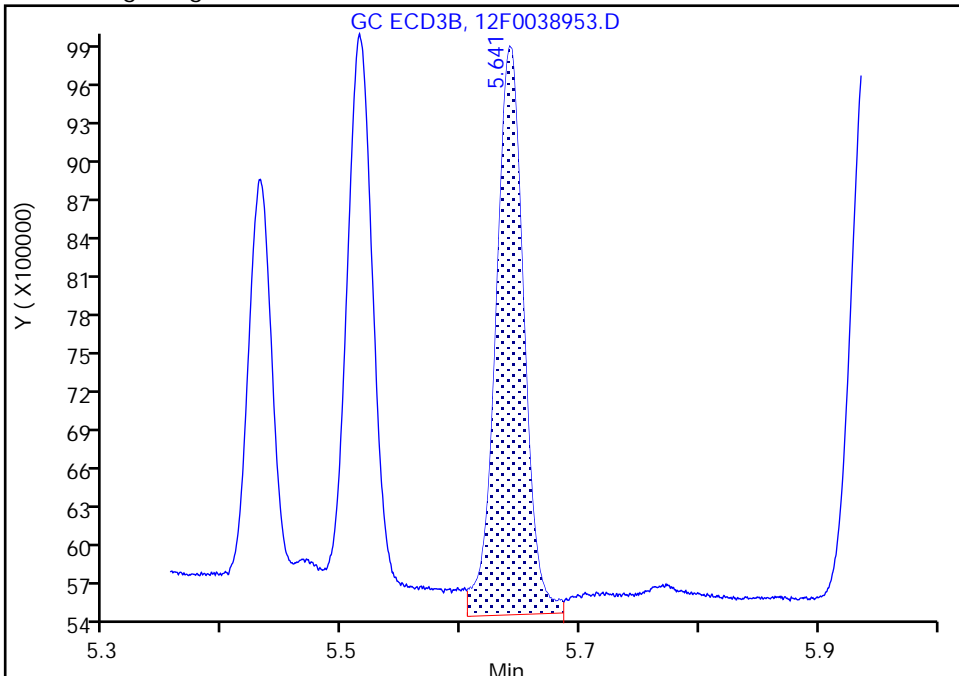
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Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

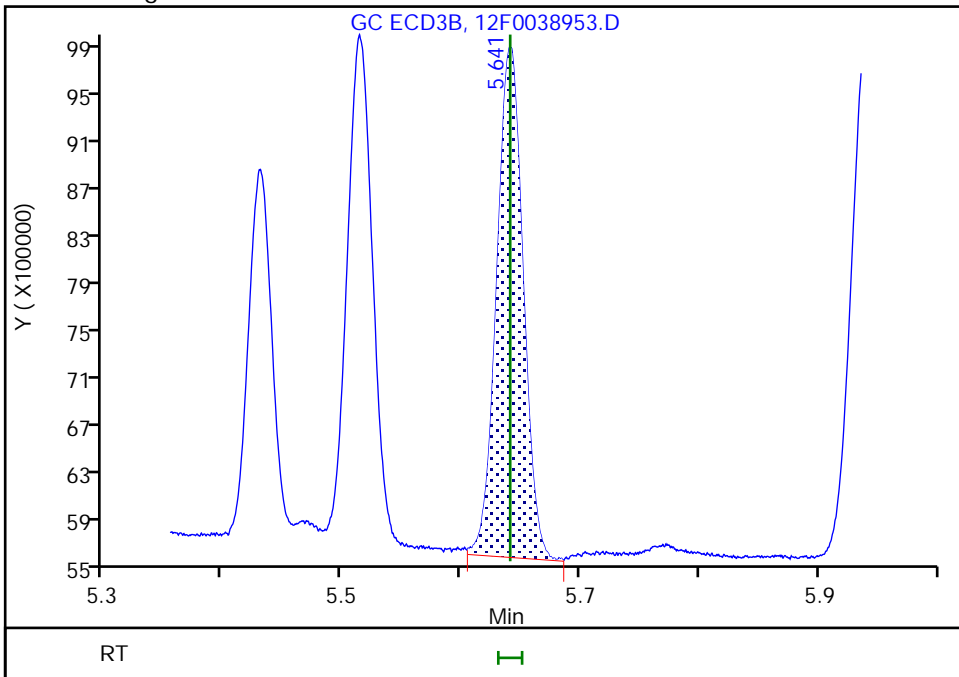
RT: 5.64
Area: 7200864
Amount: 2.731893
Amount Units: ug/l

Processing Integration Results



RT: 5.64
Area: 6617246
Amount: 2.555748
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:42
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

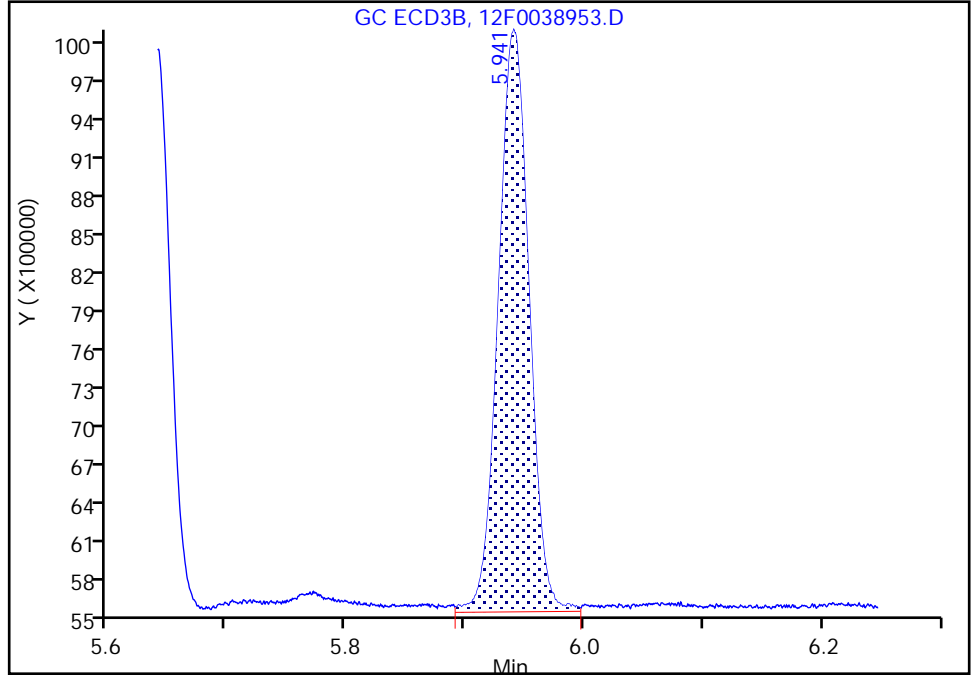
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038953.D
Injection Date: 23-Jun-2022 11:20:07 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5

Signal: 2

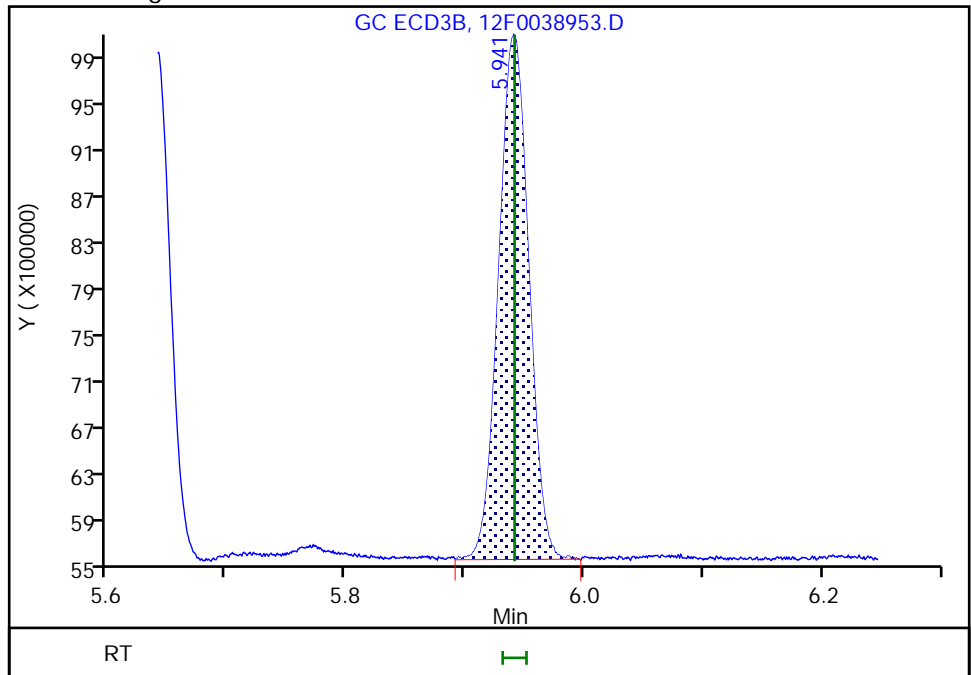
RT: 5.94
Area: 7988087
Amount: 2.783909
Amount Units: ug/l

Processing Integration Results



RT: 5.94
Area: 7783026
Amount: 2.728040
Amount Units: ug/l

Manual Integration Results



Reviewer: OR9X, 24-Jun-2022 17:18:38
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038954.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 23-Jun-2022 11:32:34 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-005
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:35 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	133211018	100.0	100.0	
2	1.547	1.548	-0.001	219609384	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	70850714	50.0	44.9	
2	1.914	1.914	0.000	120544747	50.0	42.9	
							RPD = 4.44

15 alpha-BHC

1	2.602	2.603	-0.001	105150013	50.0	46.0	
2	2.233	2.233	0.000	175514609	50.0	44.3	
							RPD = 3.71

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	92037695	50.0	45.5	
2	2.437	2.438	-0.001	161257041	50.0	44.1	
							RPD = 3.12

6 beta-BHC

1	2.963	2.963	0.000	40057777	50.0	51.1	
2	2.490	2.490	0.000	68839773	50.0	46.4	
							RPD = 9.57

32 delta-BHC

1	3.261	3.260	0.001	89894199	50.0	45.7	
2	2.622	2.623	-0.001	151508620	50.0	44.4	
							RPD = 2.68

18 Heptachlor

1	3.353	3.353	0.000	86942308	50.0	45.0	
2	2.785	2.786	-0.001	157694588	50.0	44.9	
							RPD = 0.19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

8 Aldrin

1	3.733	3.733	0.000	84378652	50.0	44.8	
2	3.037	3.037	0.000	156723457	50.0	44.8	
							RPD = 0.02

12 Heptachlor epoxide

1	4.384	4.385	-0.001	75982542	50.0	44.9	
2	3.628	3.630	-0.002	141794511	50.0	44.9	
							RPD = 0.02

9 trans-Chlordane

1	4.621	4.621	0.000	75172393	50.0	44.2	
2	3.763	3.764	-0.001	141746800	50.0	42.9	
							RPD = 2.88

23 cis-Chlordane

1	4.792	4.792	0.000	73031077	50.0	44.1	
2	3.905	3.906	-0.001	134593539	50.0	42.7	
							RPD = 3.31

7 Endosulfan I

1	4.858	4.858	0.000	69325255	50.0	44.4	
2	4.052	4.053	-0.001	125306210	50.0	42.9	
							RPD = 3.37

25 4,4'-DDE

1	4.962	4.962	0.000	74710658	50.0	43.1	
2	3.983	3.984	-0.001	136480551	50.0	41.8	
							RPD = 3.06

30 Dieldrin

1	5.132	5.132	0.000	80935185	50.0	44.2	
2	4.309	4.310	-0.001	140936101	50.0	44.2	
							RPD = 0.06

20 Endrin

1	5.417	5.417	0.000	77406354	50.0	44.5	
2	4.581	4.582	-0.001	135001188	50.0	44.4	
							RPD = 0.23

16 4,4'-DDD

1	5.528	5.528	0.000	66558001	50.0	44.0	
2	4.664	4.665	-0.001	111570327	50.0	42.5	
							RPD = 3.41

11 Endosulfan II

1	5.628	5.628	0.000	55062108	50.0	35.8	
2	4.830	4.831	-0.001	93317488	50.0	35.3	
							RPD = 1.65

21 4,4'-DDT

1	5.885	5.886	-0.001	64069776	50.0	42.6	
2	4.960	4.961	-0.001	111530981	50.0	41.5	
							RPD = 2.71

5 Endrin aldehyde

1	6.026	6.026	0.000	53419619	50.0	42.5	
2	5.232	5.233	-0.001	95320869	50.0	41.6	
							RPD = 2.14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.418	6.419	-0.001	65873327	50.0	45.1	
2	5.641	5.641	0.000	110793829	50.0	44.1	
							RPD = 2.08

10 Methoxychlor

1	6.981	6.981	0.000	38147715	50.0	44.8	
2	5.431	5.431	0.000	65496392	50.0	44.2	
							RPD = 1.25

34 Mirex

1	7.173	7.174	-0.001	49717885	50.0	41.0	
2	5.514	5.515	-0.001	89834124	50.0	41.3	
							RPD = 0.76

13 Endrin ketone

1	7.253	7.253	0.000	72866780	50.0	45.8	
2	5.941	5.941	0.000	121764869	50.0	44.0	
							RPD = 3.99

\$ 24 DCB Decachlorobiphenyl

1	8.425	8.426	-0.001	61258381	50.0	44.1	
2	7.466	7.466	0.000	123687055	50.0	45.7	
							RPD = 3.47

Reagents:

SGPESTL2_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038954.D

Injection Date: 23-Jun-2022 11:32:34

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 5

Client ID:

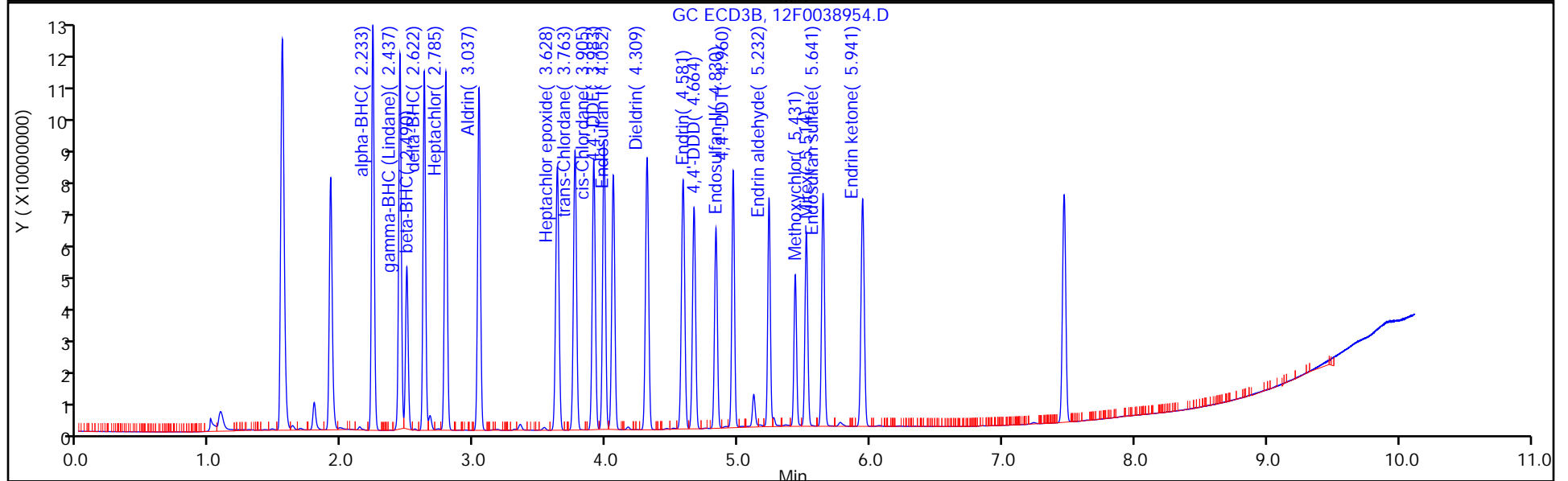
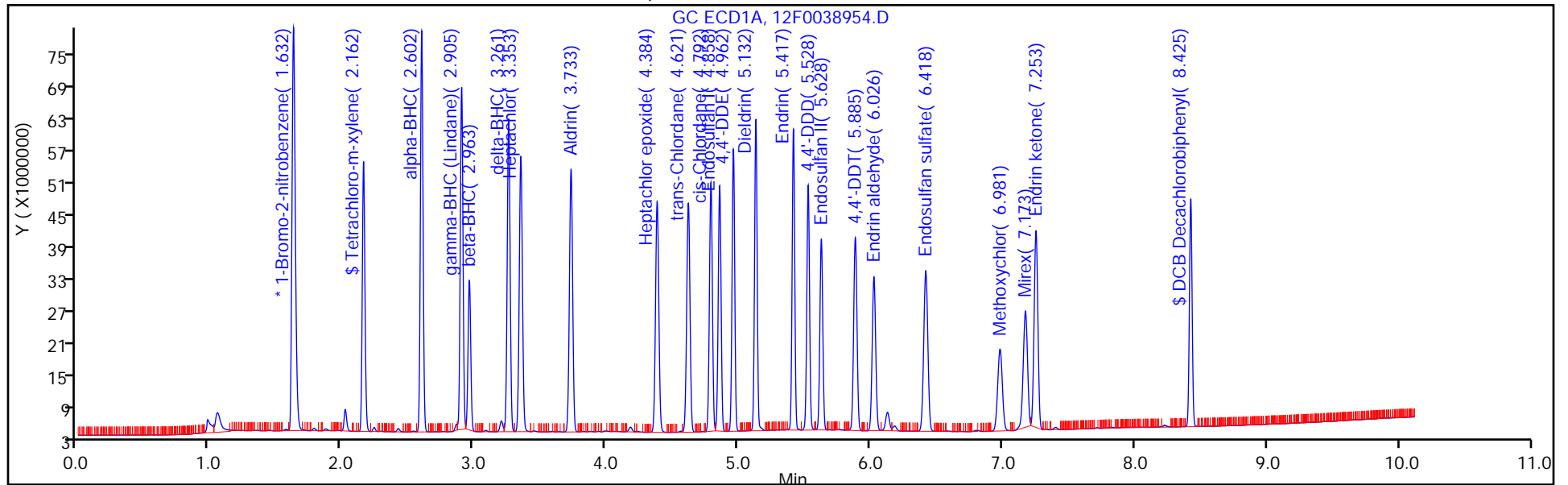
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 23-Jun-2022 11:44:50 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-006
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:43 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	131209207	100.0	100.0	
2	1.547	1.548	-0.001	215640152	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	243396649	150.0	156.5	
2	1.914	1.914	0.000	433072426	150.0	157.0	
							RPD = 0.35

15 alpha-BHC

1	2.602	2.603	-0.001	604981087	250.0	268.5	
2	2.233	2.233	0.000	1072442691	250.0	275.6	
							RPD = 2.61

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	525064323	250.0	263.7	
2	2.438	2.438	0.000	979392911	250.0	273.0	
							RPD = 3.45

6 beta-BHC

1	2.963	2.963	0.000	219313202	250.0	284.0	
2	2.490	2.490	0.000	400952166	250.0	261.7	
							RPD = 8.20

32 delta-BHC

1	3.260	3.260	0.000	533105048	250.0	274.9	
2	2.623	2.623	0.000	940137397	250.0	280.9	
							RPD = 2.16

18 Heptachlor

1	3.353	3.353	0.000	492732970	250.0	259.0	
2	2.785	2.786	-0.001	910151689	250.0	264.0	
							RPD = 1.94

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	488750398	250.0	263.4	
2	3.037	3.037	0.000	927417503	250.0	269.9	
						RPD = 2.43	
12 Heptachlor epoxide							
1	4.384	4.385	-0.001	432716065	250.0	259.6	
2	3.630	3.630	0.000	806407205	250.0	260.1	
						RPD = 0.19	
9 trans-Chlordane							
1	4.621	4.621	0.000	441897367	250.0	263.6	
2	3.764	3.764	0.000	858499587	250.0	264.7	
						RPD = 0.41	
23 cis-Chlordane							
1	4.792	4.792	0.000	422669525	250.0	259.4	
2	3.906	3.906	0.000	810903262	250.0	262.0	
						RPD = 1.02	
7 Endosulfan I							
1	4.858	4.858	0.000	399464363	250.0	259.7	
2	4.053	4.053	0.000	743614961	250.0	259.4	
						RPD = 0.12	
25 4,4'-DDE							
1	4.962	4.962	0.000	455629219	250.0	266.6	
2	3.984	3.984	0.000	858970395	250.0	267.7	
						RPD = 0.40	
30 Dieldrin							
1	5.133	5.132	0.001	468679129	250.0	259.9	
2	4.309	4.310	-0.001	840636869	250.0	268.4	
						RPD = 3.21	
20 Endrin							
1	5.417	5.417	0.000	442700120	250.0	258.7	
2	4.582	4.582	0.000	798942669	250.0	267.9	
						RPD = 3.49	
16 4,4'-DDD							
1	5.529	5.528	0.001	393300820	250.0	263.9	
2	4.665	4.665	0.000	703774766	250.0	273.1	
						RPD = 3.43	
11 Endosulfan II							
1	5.628	5.628	0.000	398586827	250.0	263.4	
2	4.831	4.831	0.000	706029698	250.0	271.7	
						RPD = 3.08	
21 4,4'-DDT							
1	5.885	5.886	-0.001	395270784	250.0	266.8	
2	4.961	4.961	0.000	717090828	250.0	271.5	
						RPD = 1.73	
5 Endrin aldehyde							
1	6.027	6.026	0.001	324350083	250.0	261.9	
2	5.233	5.233	0.000	599899229	250.0	266.6	
						RPD = 1.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

3 Endosulfan sulfate

1	6.418	6.419	-0.001	381659592	250.0	265.1	
2	5.642	5.641	0.001	672119091	250.0	272.7	
							RPD = 2.83

10 Methoxychlor

1	6.982	6.981	0.001	213973683	250.0	254.9	
2	5.431	5.431	0.000	373471258	250.0	256.7	
							RPD = 0.70

34 Mirex

1	7.173	7.174	-0.001	298937331	250.0	250.5	
2	5.515	5.515	0.000	559506313	250.0	262.3	
							RPD = 4.59

13 Endrin ketone

1	7.253	7.253	0.000	406132780	250.0	259.2	
2	5.942	5.941	0.001	715845281	250.0	263.6	
							RPD = 1.66

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	207579325	150.0	151.9	
2	7.466	7.466	0.000	421636303	150.0	158.7	
							RPD = 4.38

Reagents:

SGPESTL4_00038

Amount Added: 1.00

Units: mL

SGPESTISTD_00018

Amount Added: 20.00

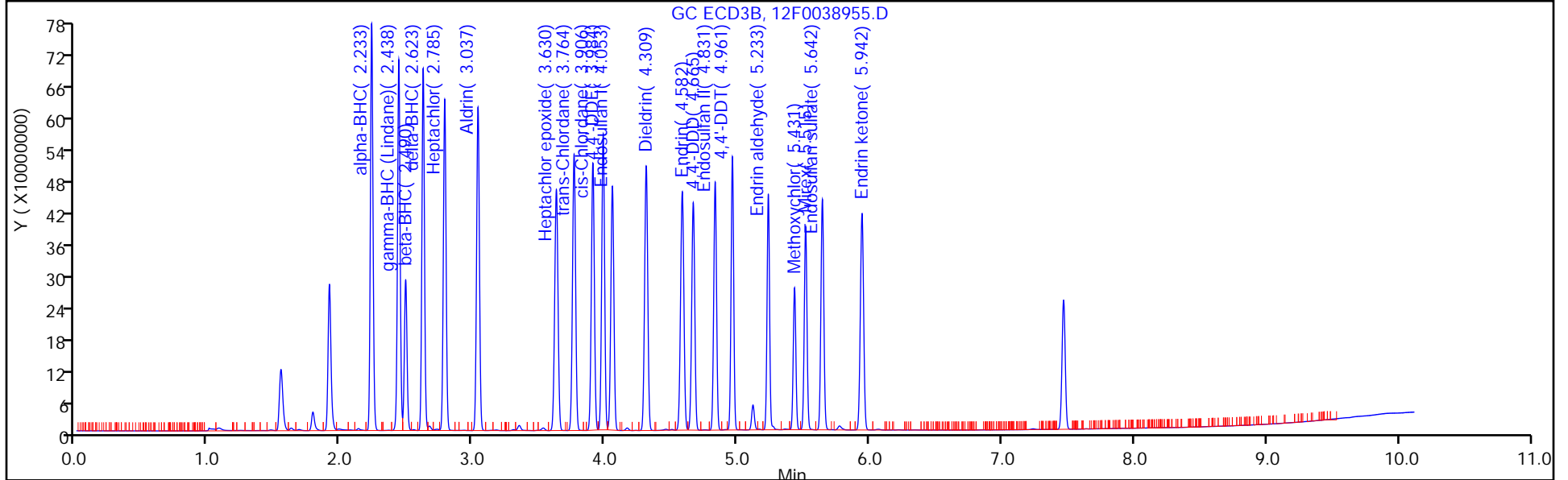
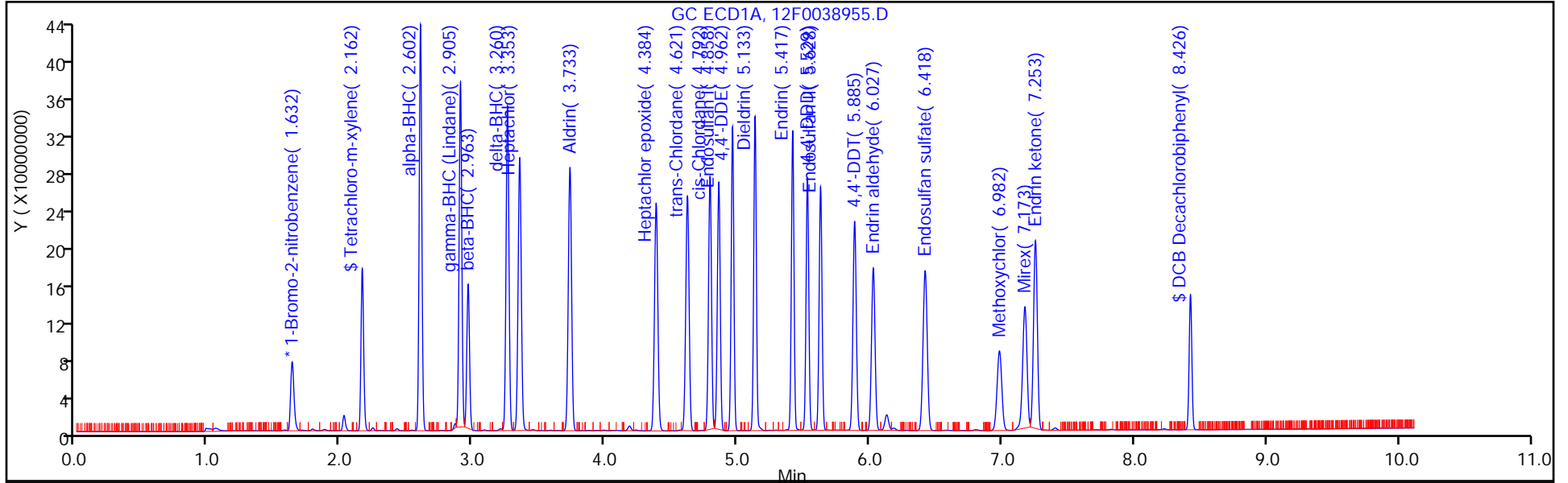
Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038955.D
Injection Date: 23-Jun-2022 11:44:50 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Operator ID:
Worklist Smp#: 6
ALS Bottle#: 6



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038956.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 23-Jun-2022 11:57:04 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-007
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:54:50 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B

Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.632	1.633	-0.001	132530439	100.0	100.0	
2	1.547	1.548	-0.001	217500303	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	323455596	200.0	205.9	
2	1.914	1.914	0.000	563257210	200.0	202.5	
							RPD = 1.66

15 alpha-BHC

1	2.603	2.603	0.000	1245027565	500.0	547.0	
2	2.234	2.233	0.001	2241150188	500.0	570.9	
							RPD = 4.29

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	1063550313	500.0	528.8	
2	2.440	2.438	0.002	2007533907	500.0	554.8	
							RPD = 4.79

6 beta-BHC

1	2.963	2.963	0.000	436205758	500.0	559.3	
2	2.491	2.490	0.001	769841841	500.0	495.6	
							RPD = 12.08

32 delta-BHC

1	3.261	3.260	0.001	1084878832	500.0	553.8	
2	2.624	2.623	0.001	1960794899	500.0	580.8	
							RPD = 4.76

18 Heptachlor

1	3.353	3.353	0.000	982531200	500.0	511.2	
2	2.786	2.786	0.000	1822903591	500.0	524.3	
							RPD = 2.53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.734	3.733	0.001	982039610	500.0	524.0	
2	3.038	3.037	0.001	1873969215	500.0	540.7	
						RPD = 3.14	
12 Heptachlor epoxide							
1	4.385	4.385	0.000	848764743	500.0	504.0	
2	3.631	3.630	0.001	1586613799	500.0	507.3	
						RPD = 0.64	
9 trans-Chlordane							
1	4.621	4.621	0.000	886877530	500.0	523.7	
2	3.765	3.764	0.001	1770254461	500.0	541.1	
						RPD = 3.26	
23 cis-Chlordane							
1	4.792	4.792	0.000	843814996	500.0	512.7	
2	3.907	3.906	0.001	1670100484	500.0	535.1	
						RPD = 4.28	
7 Endosulfan I							
1	4.859	4.858	0.001	779778879	500.0	502.0	
2	4.055	4.053	0.002	1479138040	500.0	511.7	
						RPD = 1.91	
25 4,4'-DDE							
1	4.963	4.962	0.001	902326018	500.0	522.7	
2	3.984	3.984	0.000	1763071876	500.0	544.7	
						RPD = 4.12	
30 Dieldrin							
1	5.133	5.132	0.001	918060503	500.0	504.0	
2	4.310	4.310	0.000	1674014977	500.0	529.8	
						RPD = 5.00	
20 Endrin							
1	5.417	5.417	0.000	859334850	500.0	497.1	
2	4.583	4.582	0.001	1566387301	500.0	520.7	
						RPD = 4.63	
16 4,4'-DDD							
1	5.529	5.528	0.001	769833794	500.0	511.4	
2	4.665	4.665	0.000	1403638614	500.0	540.1	
						RPD = 5.45	
11 Endosulfan II							
1	5.628	5.628	0.000	786184005	500.0	514.5	
2	4.831	4.831	0.000	1425107971	500.0	543.7	
						RPD = 5.53	
21 4,4'-DDT							
1	5.886	5.886	0.000	776807322	500.0	519.1	
2	4.962	4.961	0.001	1461982397	500.0	548.7	
						RPD = 5.55	
5 Endrin aldehyde							
1	6.027	6.026	0.001	608505237	500.0	486.5	
2	5.233	5.233	0.000	1149120503	500.0	506.3	
						RPD = 3.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

3 Endosulfan sulfate

1	6.419	6.419	0.000	726347392	500.0	499.4	
2	5.642	5.641	0.001	1325682533	500.0	533.2	
						RPD = 6.54	

10 Methoxychlor

1	6.980	6.981	-0.001	401627843	500.0	473.6	
2	5.431	5.431	0.000	721147821	500.0	491.4	
						RPD = 3.68	

34 Mirex

1	7.173	7.174	-0.001	559221864	500.0	463.9	
2	5.515	5.515	0.000	1080849175	500.0	502.3	
						RPD = 7.95	

13 Endrin ketone

1	7.253	7.253	0.000	772796982	500.0	488.4	
2	5.942	5.941	0.001	1398677789	500.0	510.6	
						RPD = 4.45	

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	266714607	200.0	193.2	
2	7.466	7.466	0.000	554522840	200.0	206.9	
						RPD = 6.85	

Reagents:

SGPESTL5_00039	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038956.D

Injection Date: 23-Jun-2022 11:57:04

Instrument ID: CPESTGC12

Operator ID:

Lims ID: IC

Worklist Smp#: 7

Client ID:

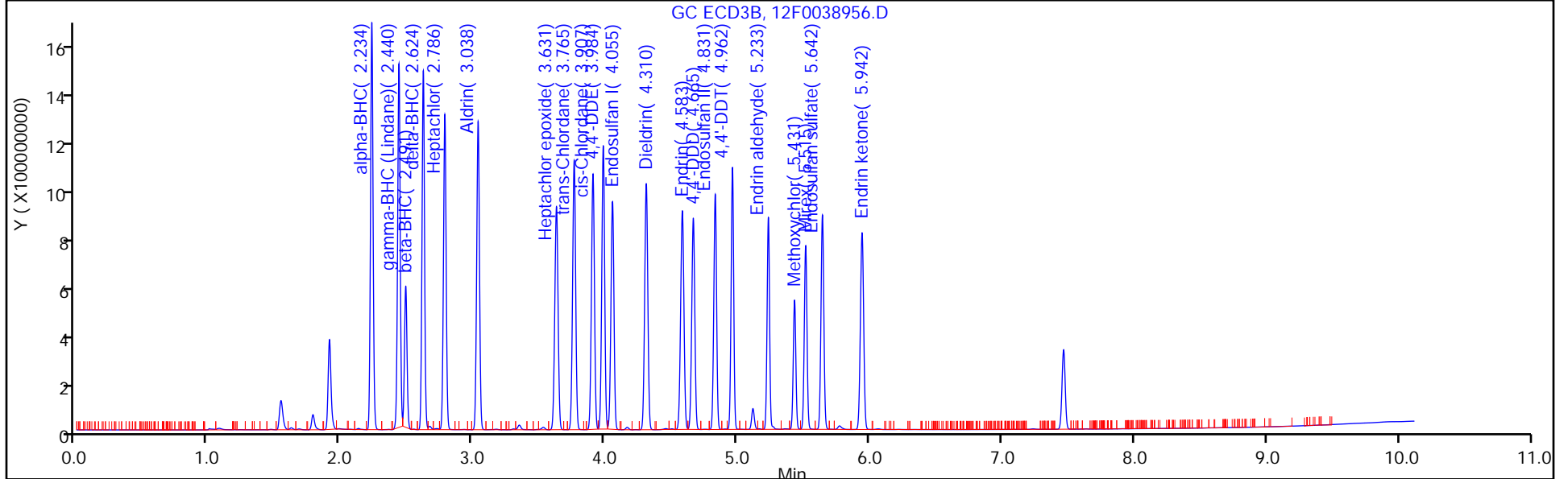
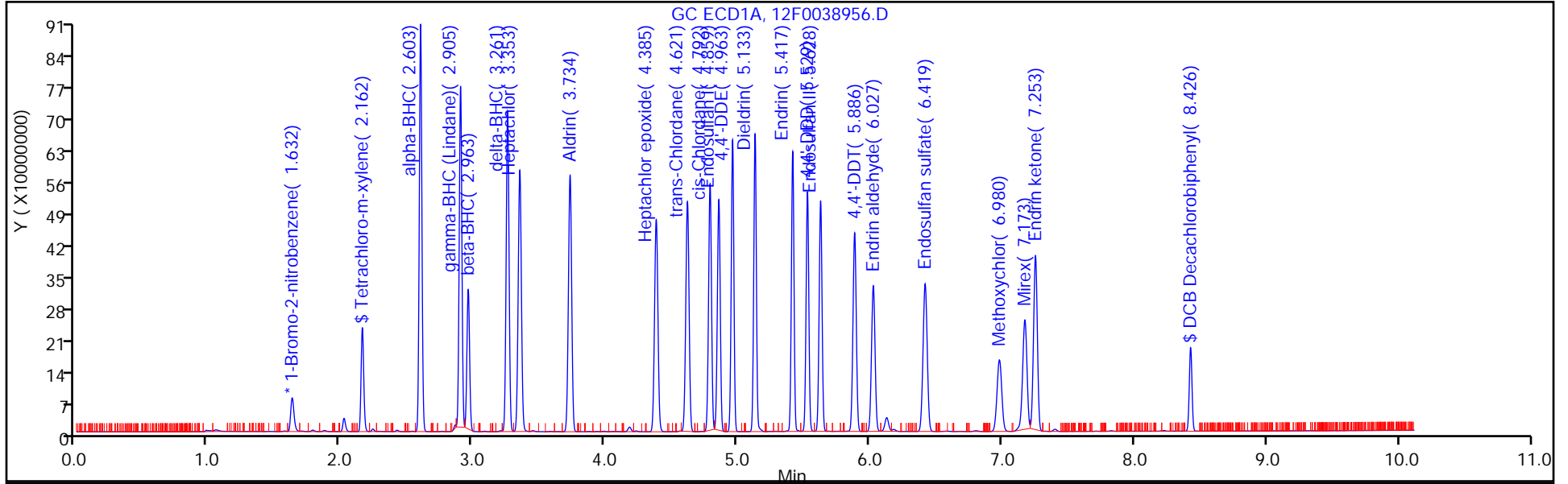
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Calibration

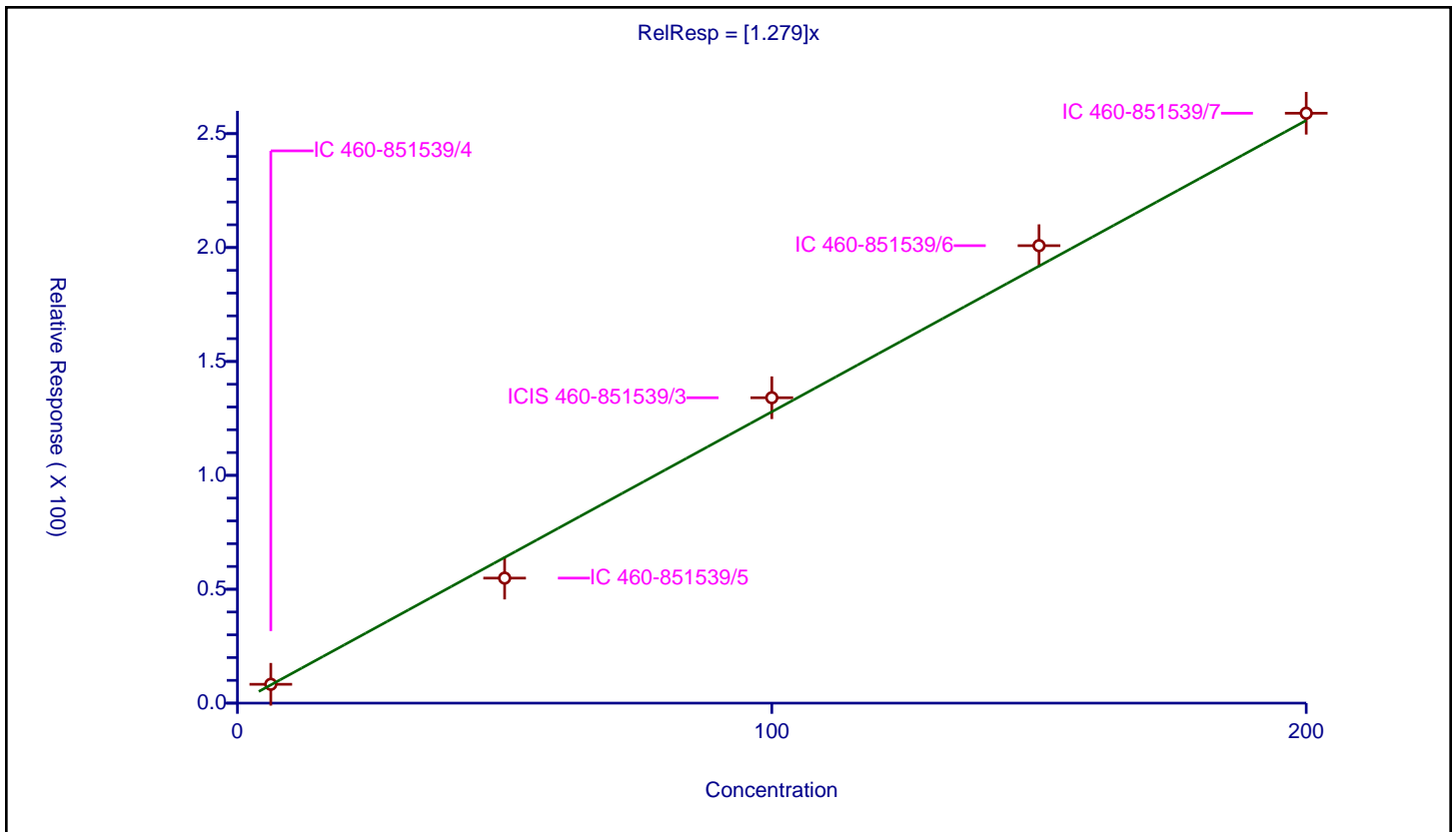
/ Tetrachloro-m-xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.279

Error Coefficients	
Standard Error:	388000000
Relative Standard Error:	8.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	6.25	8.269229	100.0	226516872.0	1.323077	Y
2	IC 460-851539/5	50.0	54.890526	100.0	219609384.0	1.097811	Y
3	ICIS 460-851539/3	100.0	134.075954	100.0	212839221.0	1.34076	Y
4	IC 460-851539/6	150.0	200.831071	100.0	215640152.0	1.338874	Y
5	IC 460-851539/7	200.0	258.968471	100.0	217500303.0	1.294842	Y



Calibration

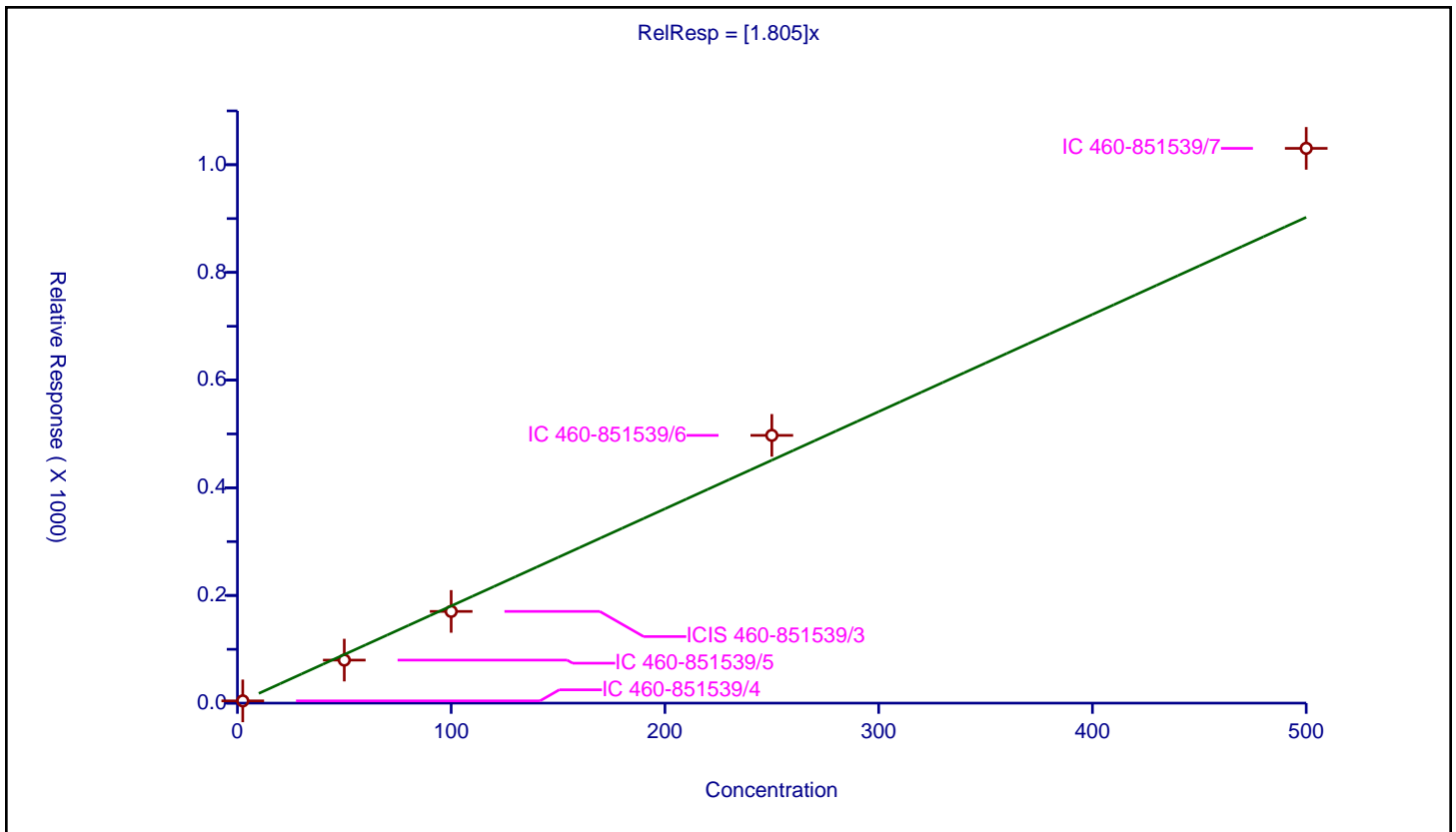
/ alpha-BHC

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.805

Error Coefficients	
Standard Error:	1260000000
Relative Standard Error:	11.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	4.178789	100.0	226516872.0	1.671516	Y
2	IC 460-851539/5	50.0	79.92127	100.0	219609384.0	1.598425	Y
3	ICIS 460-851539/3	100.0	170.358917	100.0	212839221.0	1.703589	Y
4	IC 460-851539/6	250.0	497.329779	100.0	215640152.0	1.989319	Y
5	IC 460-851539/7	500.0	1030.412444	100.0	217500303.0	2.060825	Y



Calibration

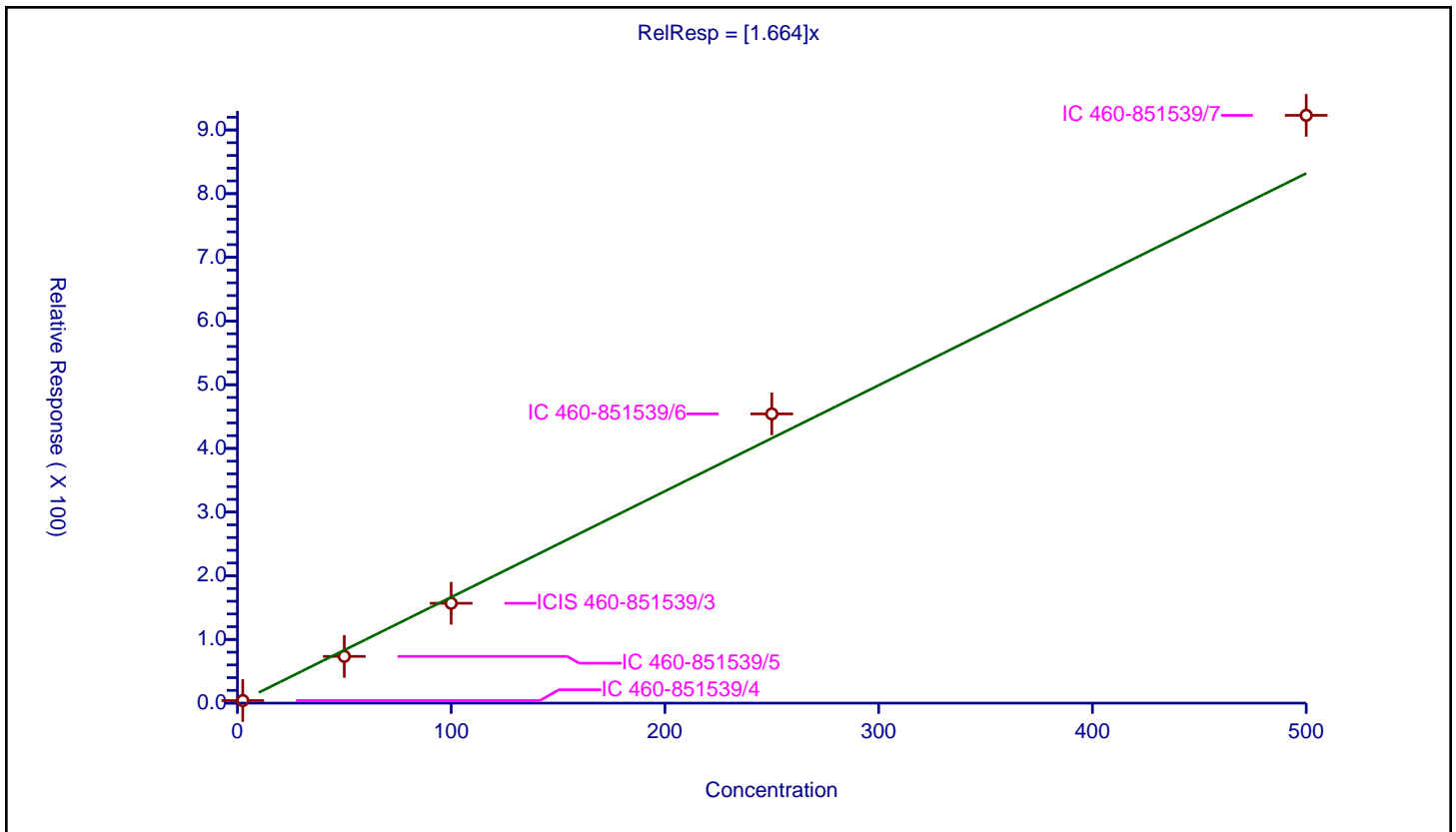
/ gamma-BHC (Lindane)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.664

Error Coefficients	
Standard Error:	1130000000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	4.048524	100.0	226516872.0	1.61941	Y
2	IC 460-851539/5	50.0	73.42903	100.0	219609384.0	1.468581	Y
3	ICIS 460-851539/3	100.0	156.820496	100.0	212839221.0	1.568205	Y
4	IC 460-851539/6	250.0	454.17929	100.0	215640152.0	1.816717	Y
5	IC 460-851539/7	500.0	923.002809	100.0	217500303.0	1.846006	Y



Calibration

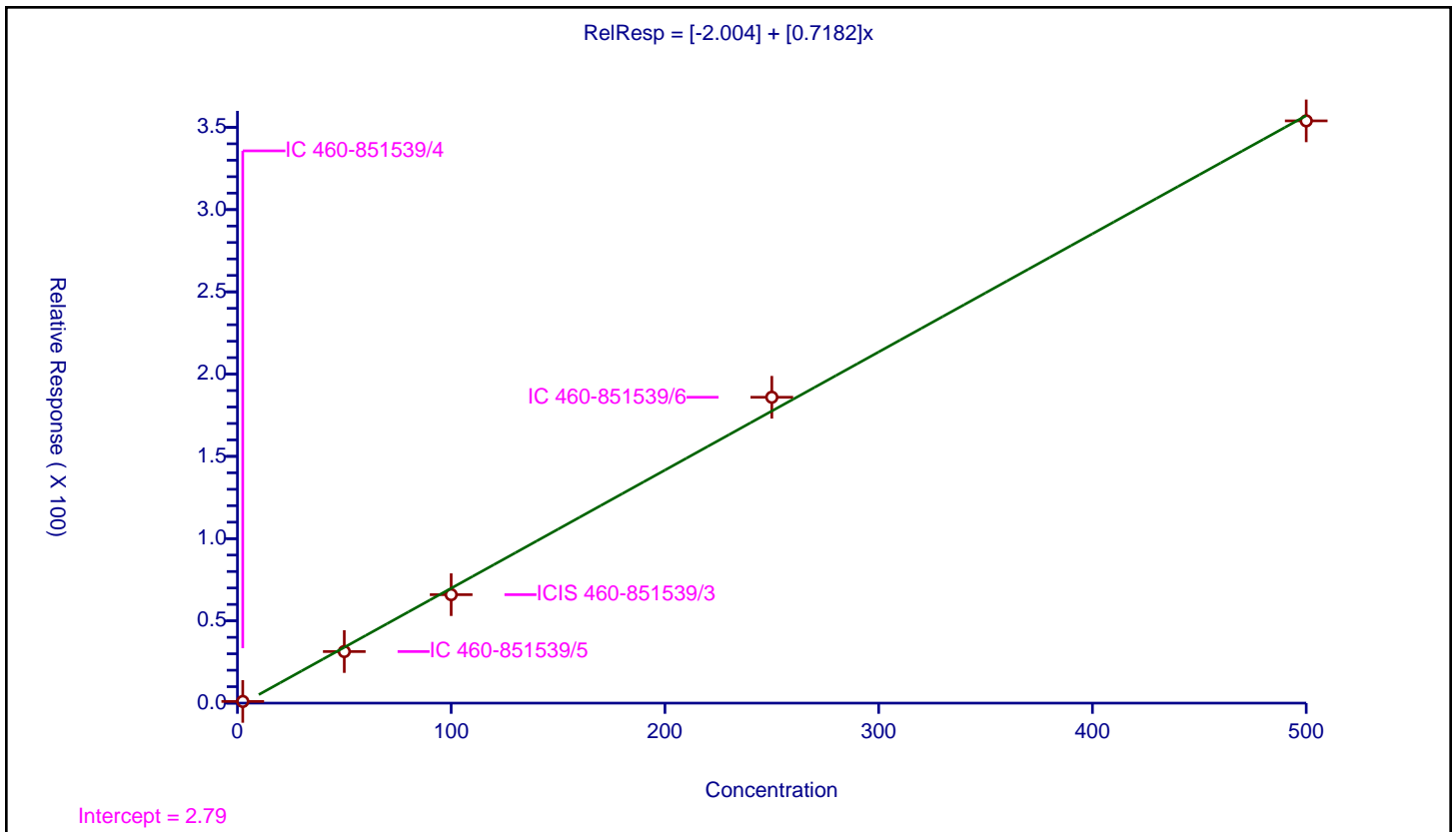
/ beta-BHC

Curve Type: Linear
 Weighting: None
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	-2.004
Slope:	0.7182

Error Coefficients	
Standard Error:	509000000
Relative Standard Error:	40.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	1.026529	100.0	226516872.0	0.410612	Y
2	IC 460-851539/5	50.0	31.346462	100.0	219609384.0	0.626929	Y
3	ICIS 460-851539/3	100.0	65.92678	100.0	212839221.0	0.659268	Y
4	IC 460-851539/6	250.0	185.935765	100.0	215640152.0	0.743743	Y
5	IC 460-851539/7	500.0	353.949779	100.0	217500303.0	0.7079	Y



Calibration

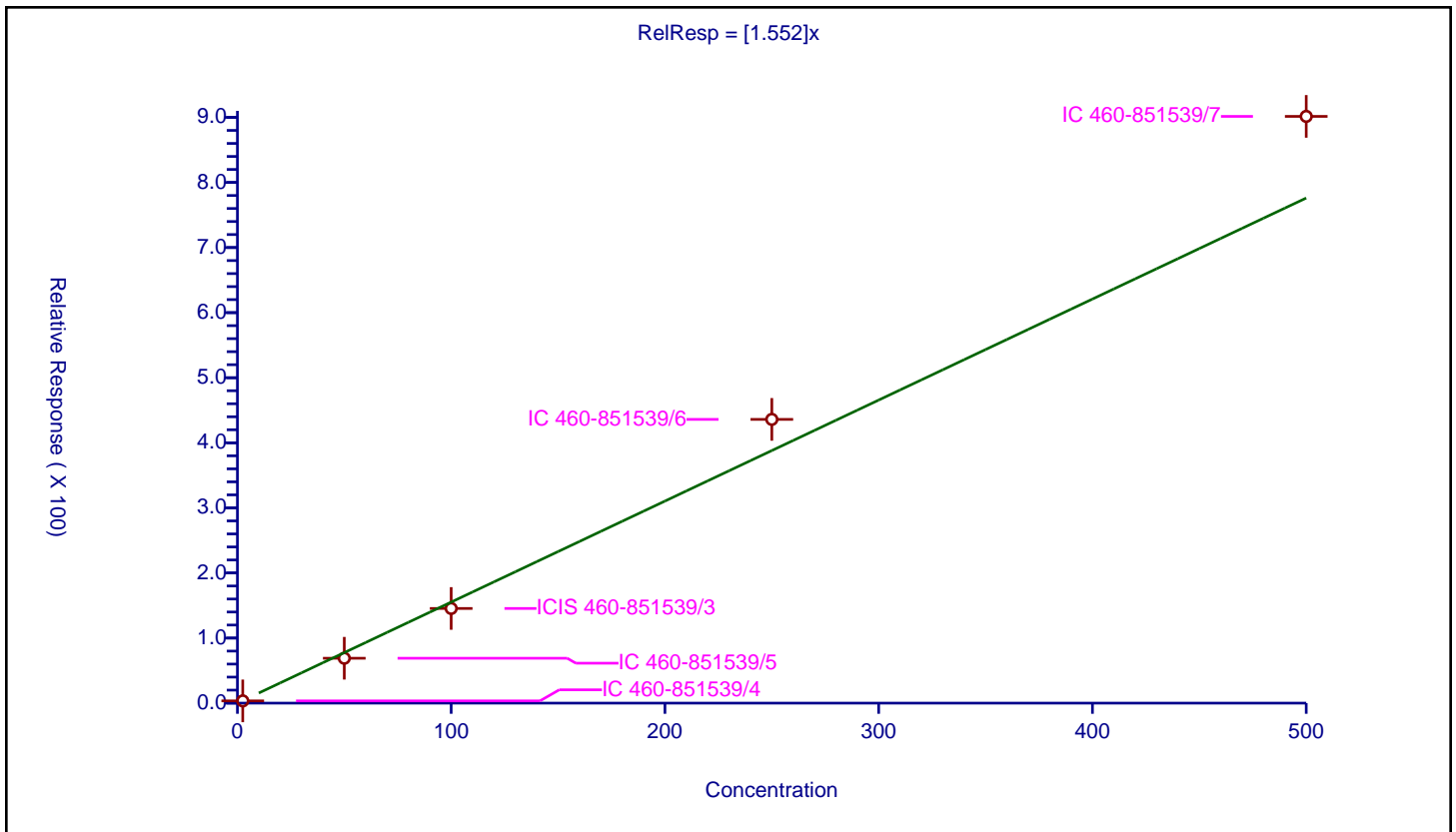
/ delta-BHC

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.552

Error Coefficients	
Standard Error:	1100000000
Relative Standard Error:	13.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.448855	100.0	226516872.0	1.379542	Y
2	IC 460-851539/5	50.0	68.990048	100.0	219609384.0	1.379801	Y
3	ICIS 460-851539/3	100.0	145.480009	100.0	212839221.0	1.4548	Y
4	IC 460-851539/6	250.0	435.975113	100.0	215640152.0	1.7439	Y
5	IC 460-851539/7	500.0	901.51364	100.0	217500303.0	1.803027	Y



Calibration

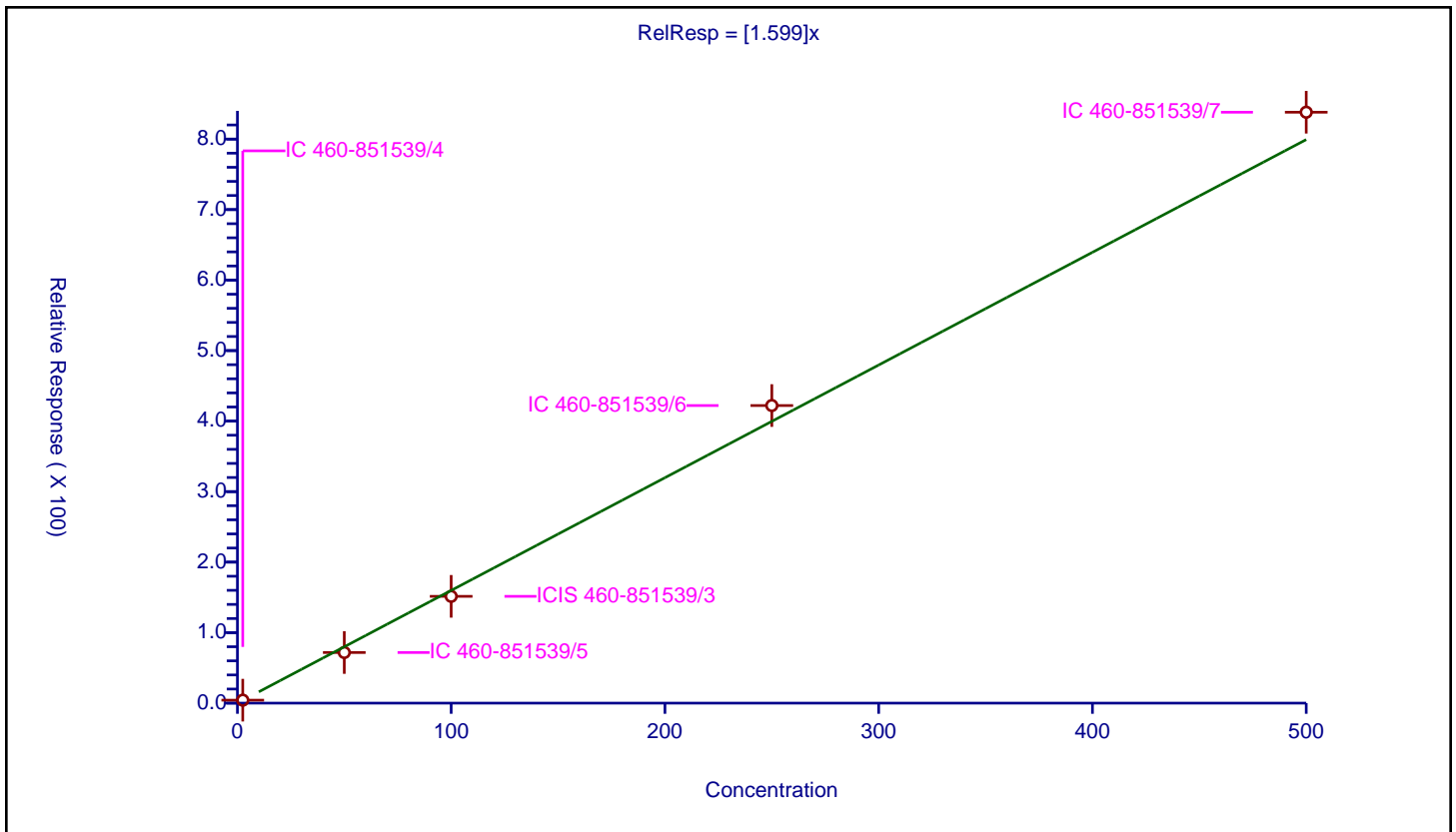
/ Heptachlor

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.599

Error Coefficients	
Standard Error:	1030000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	4.193986	100.0	226516872.0	1.677594	Y
2	IC 460-851539/5	50.0	71.806853	100.0	219609384.0	1.436137	Y
3	ICIS 460-851539/3	100.0	151.44434	100.0	212839221.0	1.514443	Y
4	IC 460-851539/6	250.0	422.069675	100.0	215640152.0	1.688279	Y
5	IC 460-851539/7	500.0	838.115426	100.0	217500303.0	1.676231	Y



Calibration

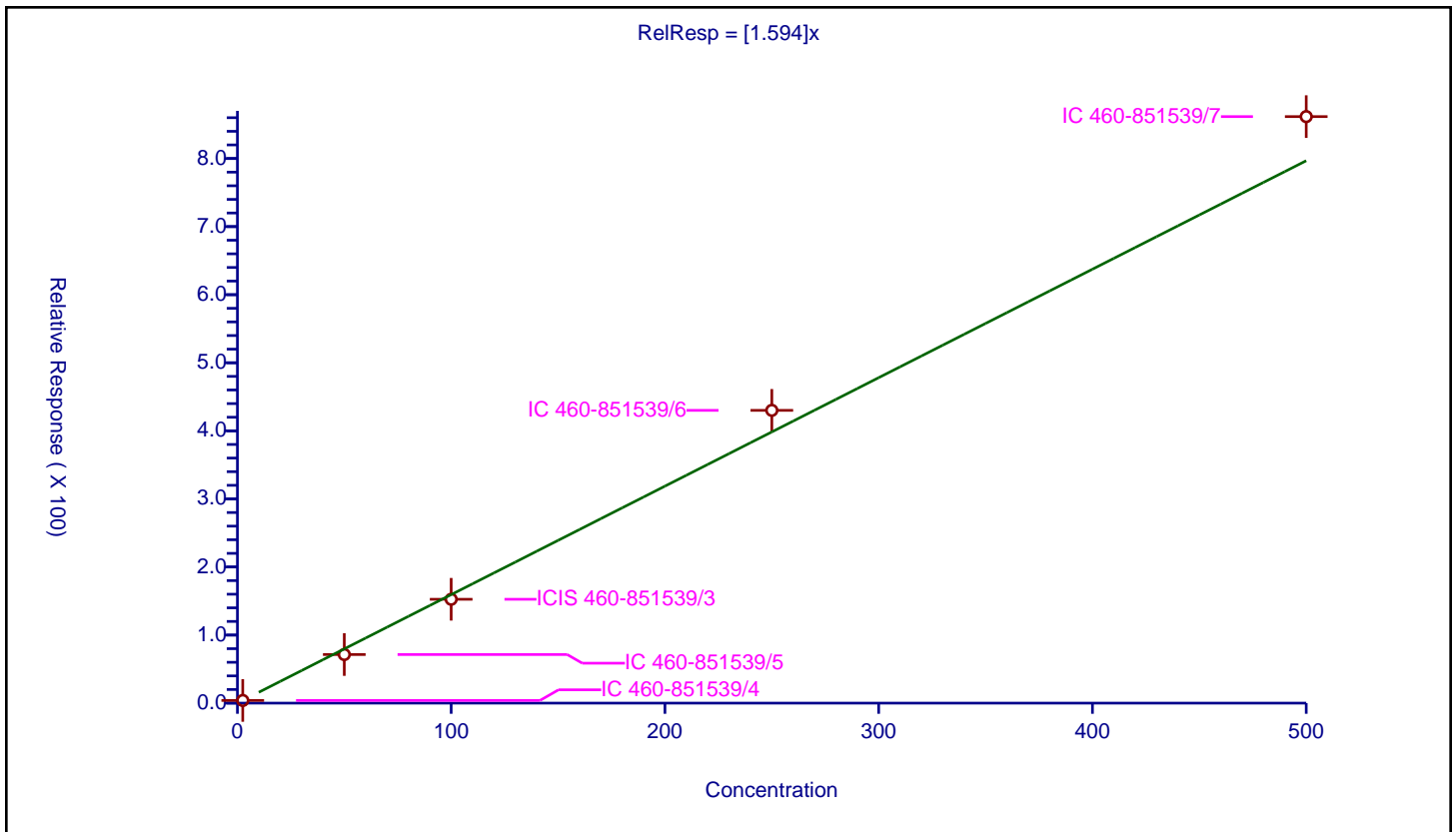
/ Aldrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.594

Error Coefficients	
Standard Error:	1060000000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.928117	100.0	226516872.0	1.571247	Y
2	IC 460-851539/5	50.0	71.364645	100.0	219609384.0	1.427293	Y
3	ICIS 460-851539/3	100.0	152.579743	100.0	212839221.0	1.525797	Y
4	IC 460-851539/6	250.0	430.076447	100.0	215640152.0	1.720306	Y
5	IC 460-851539/7	500.0	861.593841	100.0	217500303.0	1.723188	Y



Calibration

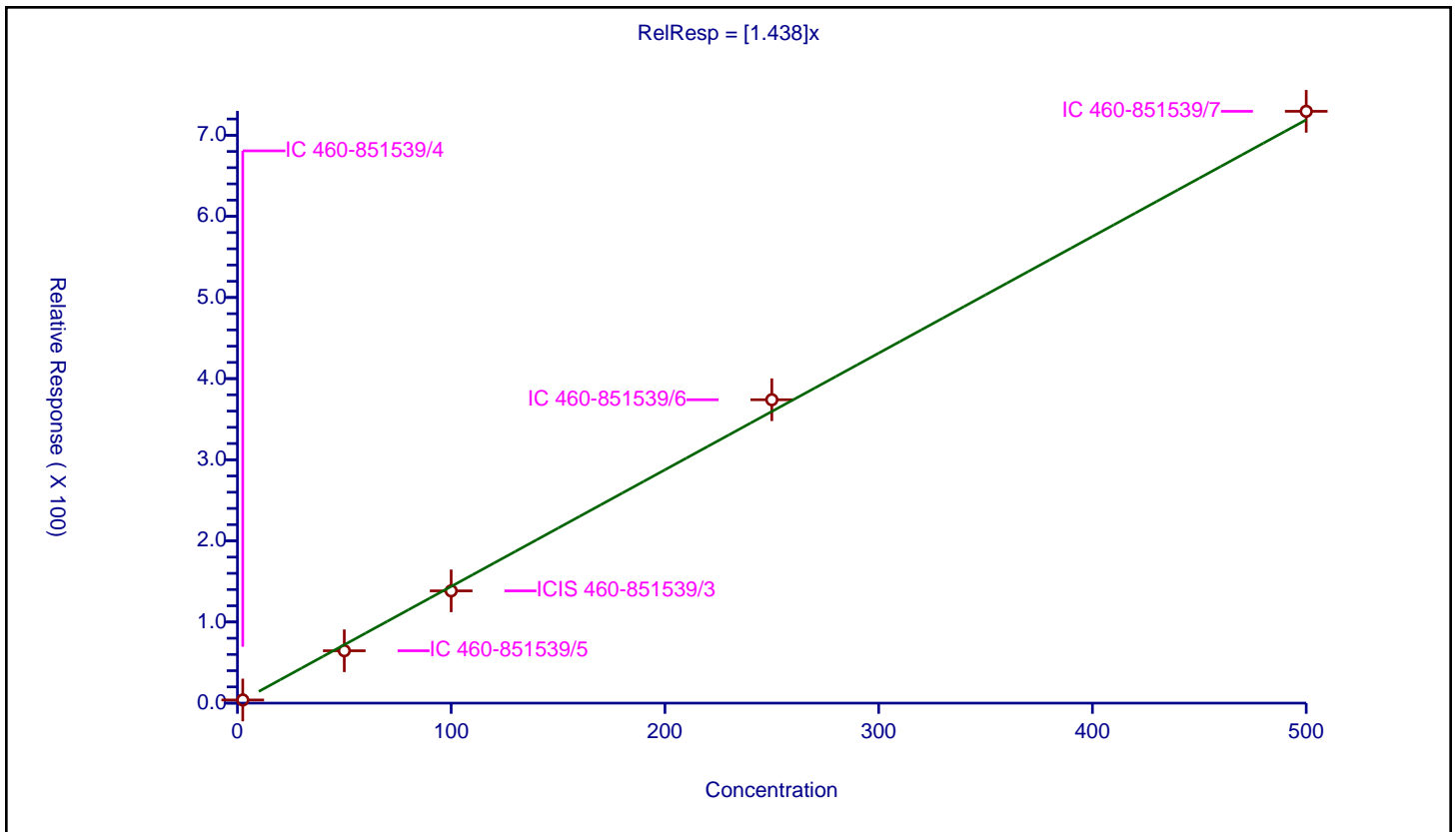
/ Heptachlor epoxide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.438

Error Coefficients	
Standard Error:	905000000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.899802	100.0	226516872.0	1.559921	Y
2	IC 460-851539/5	50.0	64.56669	100.0	219609384.0	1.291334	Y
3	ICIS 460-851539/3	100.0	138.383534	100.0	212839221.0	1.383835	Y
4	IC 460-851539/6	250.0	373.959672	100.0	215640152.0	1.495839	Y
5	IC 460-851539/7	500.0	729.476592	100.0	217500303.0	1.458953	Y



Calibration

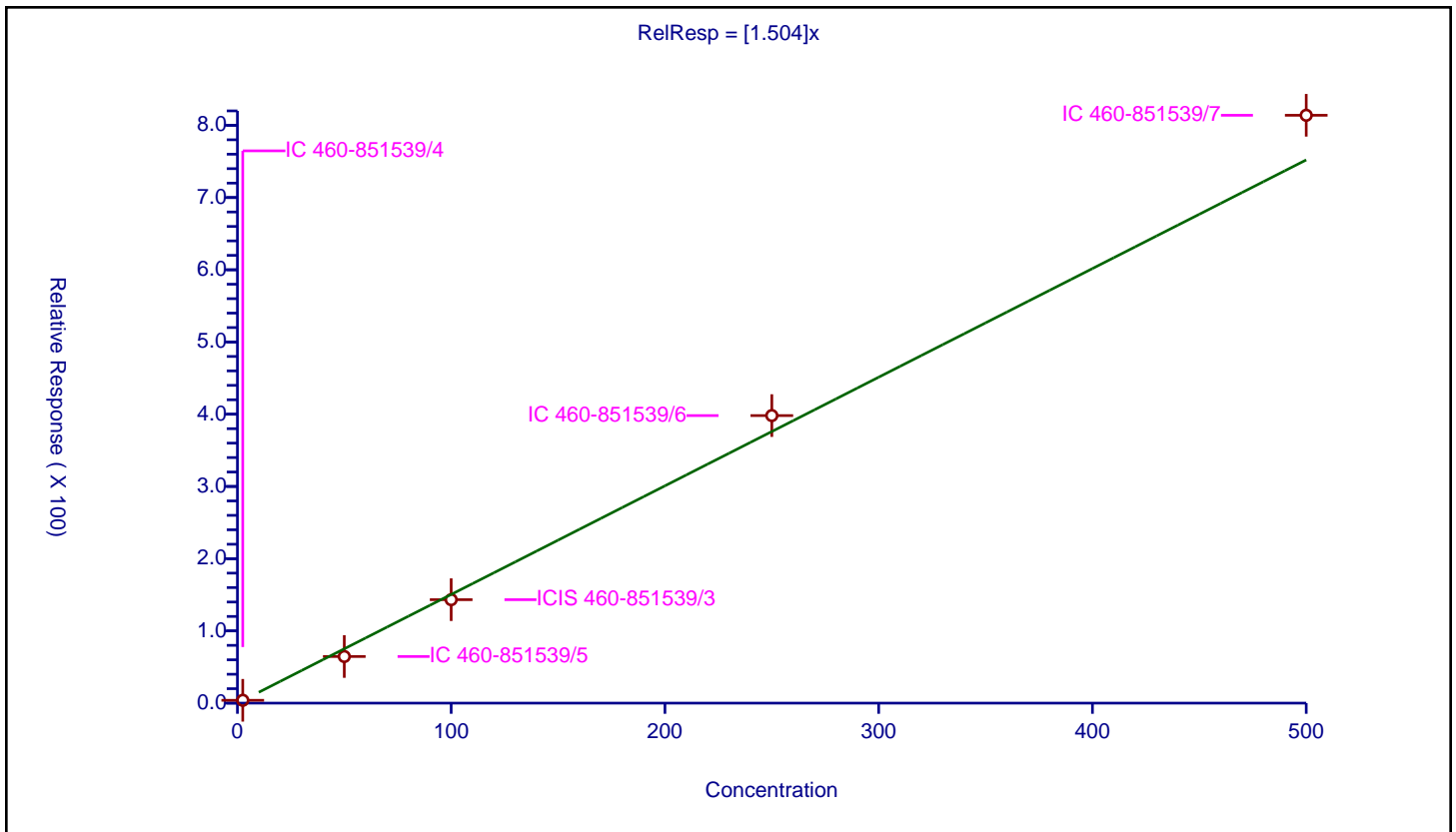
/ trans-Chlordane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.504

Error Coefficients	
Standard Error:	998000000
Relative Standard Error:	9.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.943835	100.0	226516872.0	1.577534	Y
2	IC 460-851539/5	50.0	64.544965	100.0	219609384.0	1.290899	Y
3	ICIS 460-851539/3	100.0	143.23894	100.0	212839221.0	1.432389	Y
4	IC 460-851539/6	250.0	398.11676	100.0	215640152.0	1.592467	Y
5	IC 460-851539/7	500.0	813.908963	100.0	217500303.0	1.627818	Y



Calibration

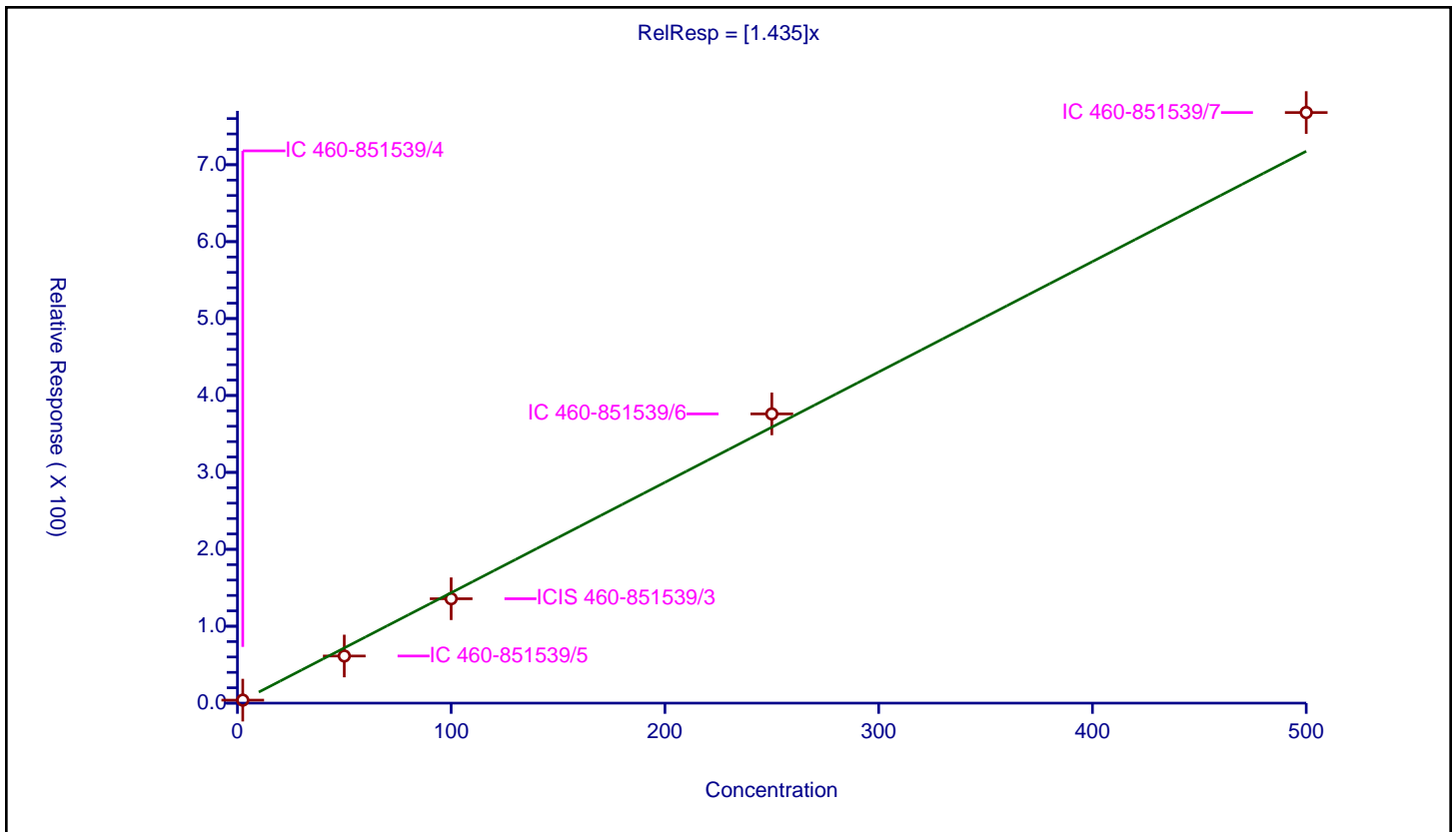
/ cis-Chlordane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.435

Error Coefficients	
Standard Error:	942000000
Relative Standard Error:	9.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.881604	100.0	226516872.0	1.552642	Y
2	IC 460-851539/5	50.0	61.287699	100.0	219609384.0	1.225754	Y
3	ICIS 460-851539/3	100.0	135.716933	100.0	212839221.0	1.357169	Y
4	IC 460-851539/6	250.0	376.044653	100.0	215640152.0	1.504179	Y
5	IC 460-851539/7	500.0	767.861222	100.0	217500303.0	1.535722	Y



Calibration

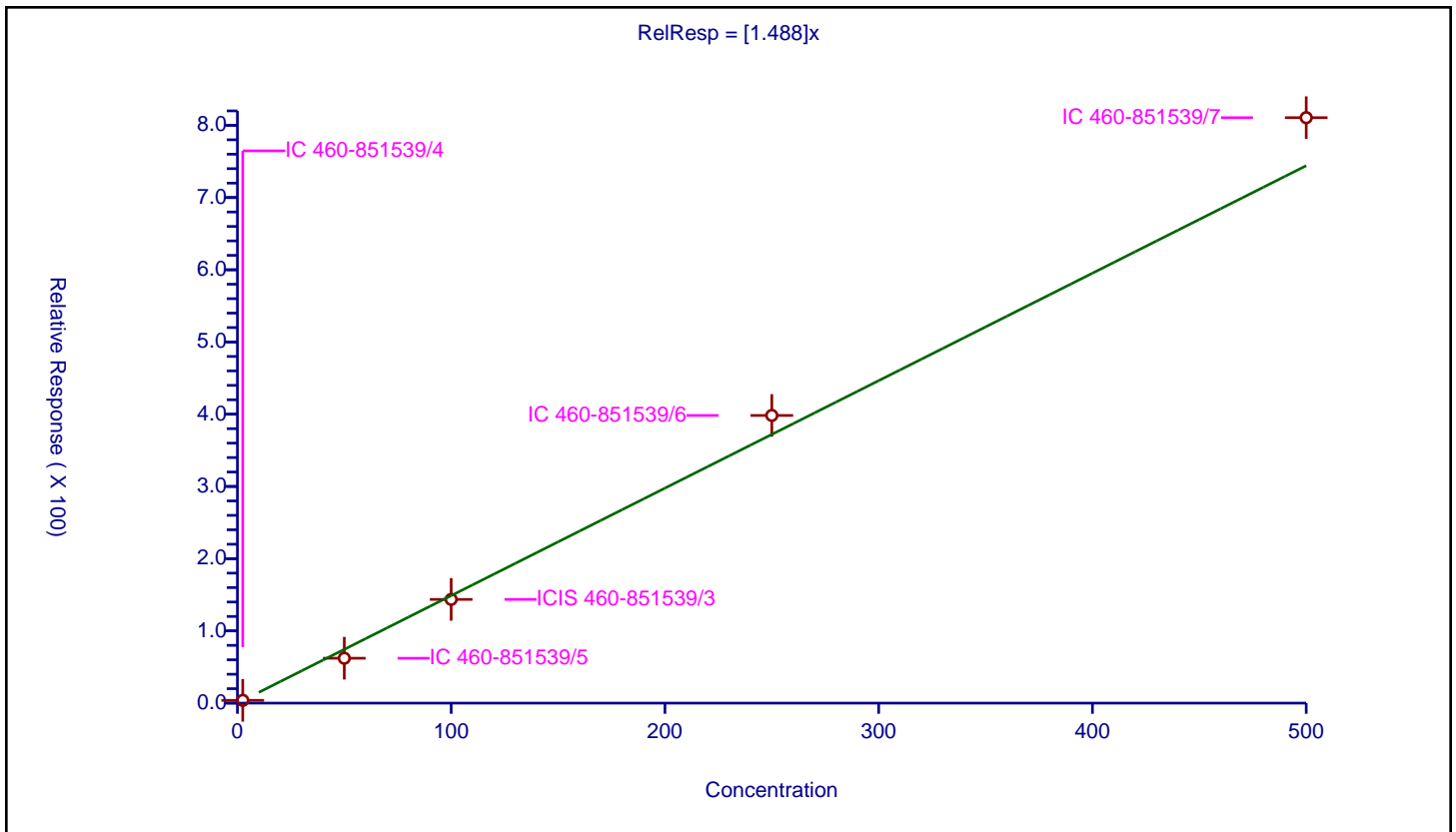
/ 4,4'-DDE

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.488

Error Coefficients	
Standard Error:	995000000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.868416	100.0	226516872.0	1.547367	Y
2	IC 460-851539/5	50.0	62.146958	100.0	219609384.0	1.242939	Y
3	ICIS 460-851539/3	100.0	143.626238	100.0	212839221.0	1.436262	Y
4	IC 460-851539/6	250.0	398.335091	100.0	215640152.0	1.59334	Y
5	IC 460-851539/7	500.0	810.60663	100.0	217500303.0	1.621213	Y



Calibration

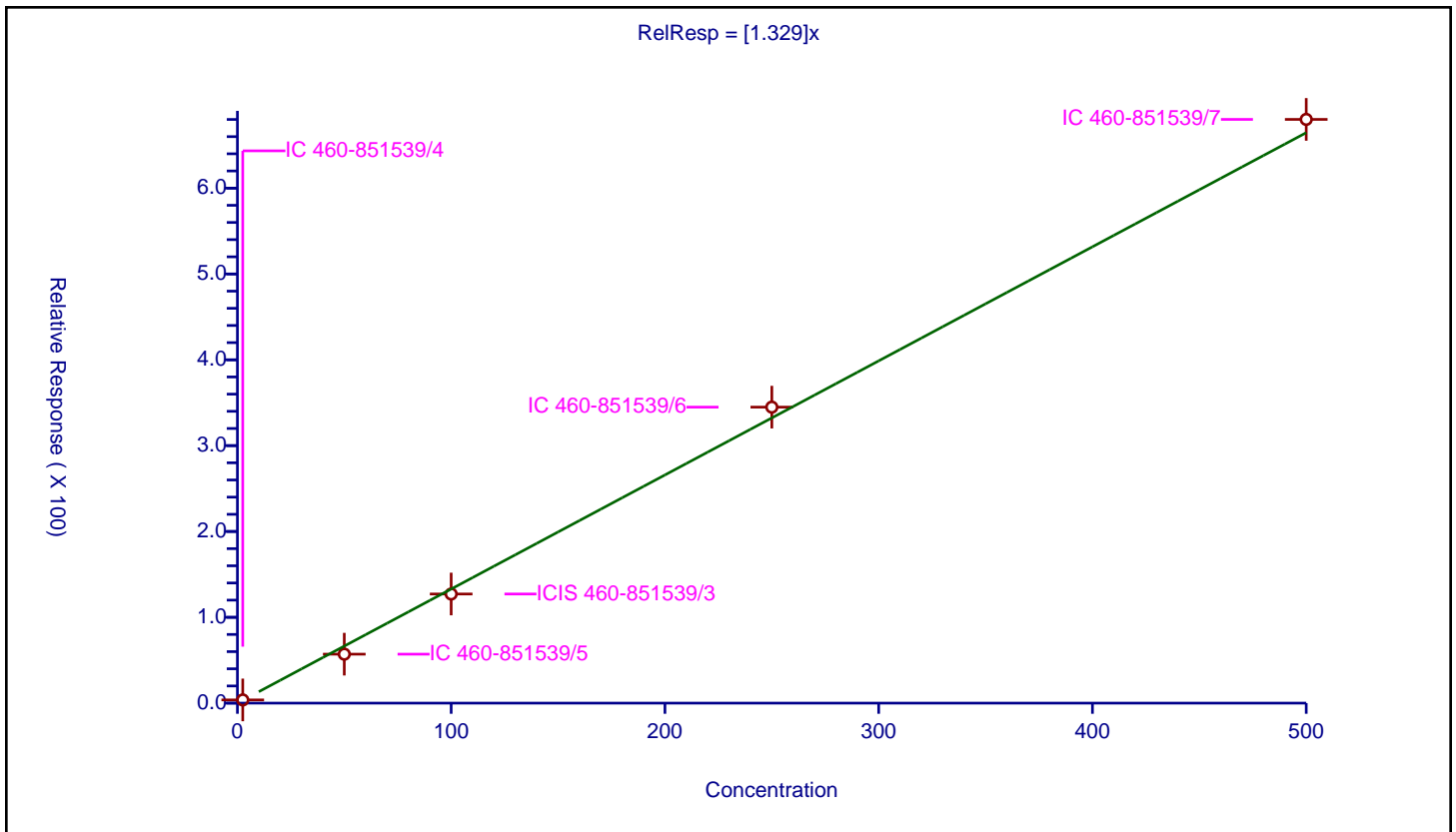
/ Endosulfan I

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.329

Error Coefficients	
Standard Error:	841000000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.734444	100.0	226516872.0	1.493777	Y
2	IC 460-851539/5	50.0	57.058677	100.0	219609384.0	1.141174	Y
3	ICIS 460-851539/3	100.0	127.1328	100.0	212839221.0	1.271328	Y
4	IC 460-851539/6	250.0	344.840677	100.0	215640152.0	1.379363	Y
5	IC 460-851539/7	500.0	680.062519	100.0	217500303.0	1.360125	Y



Calibration

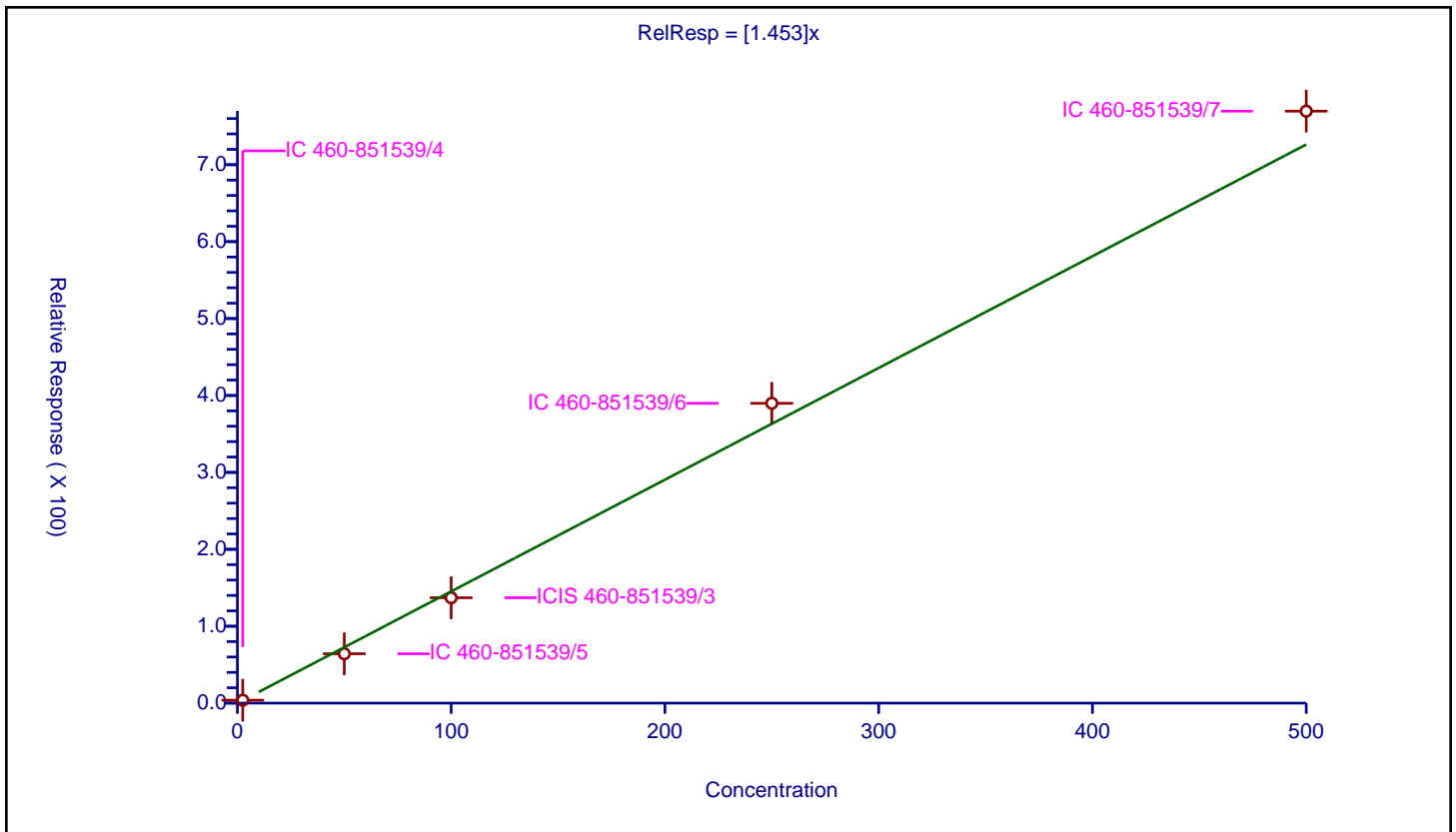
/ Dieldrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.453

Error Coefficients	
Standard Error:	951000000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.777753	100.0	226516872.0	1.511101	Y
2	IC 460-851539/5	50.0	64.17581	100.0	219609384.0	1.283516	Y
3	ICIS 460-851539/3	100.0	136.988505	100.0	212839221.0	1.369885	Y
4	IC 460-851539/6	250.0	389.833183	100.0	215640152.0	1.559333	Y
5	IC 460-851539/7	500.0	769.660986	100.0	217500303.0	1.539322	Y



Calibration

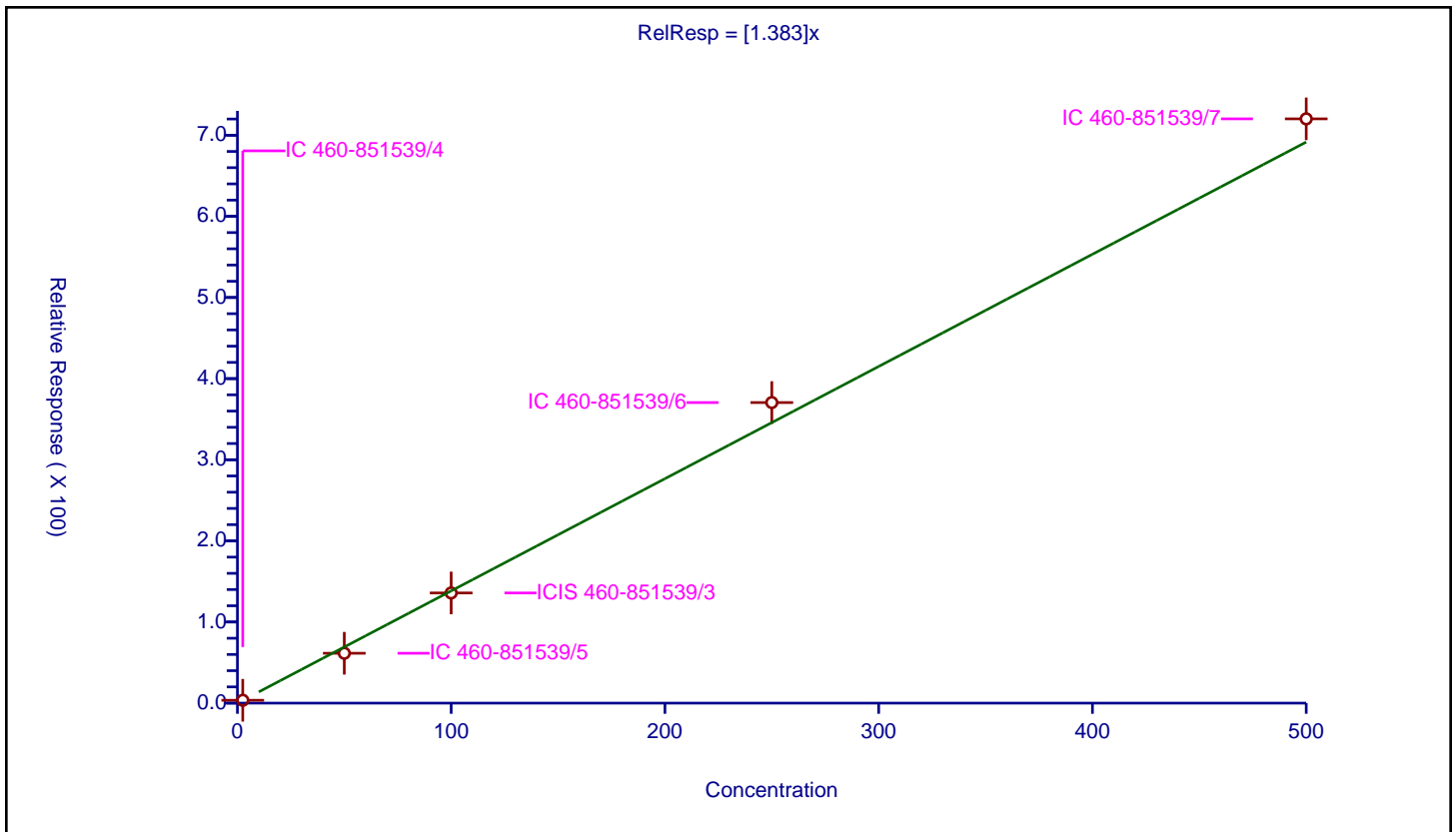
/ Endrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.383

Error Coefficients	
Standard Error:	894000000
Relative Standard Error:	7.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.515153	100.0	226516872.0	1.406061	Y
2	IC 460-851539/5	50.0	61.473324	100.0	219609384.0	1.229466	Y
3	ICIS 460-851539/3	100.0	135.810168	100.0	212839221.0	1.358102	Y
4	IC 460-851539/6	250.0	370.498101	100.0	215640152.0	1.481992	Y
5	IC 460-851539/7	500.0	720.177066	100.0	217500303.0	1.440354	Y



Calibration

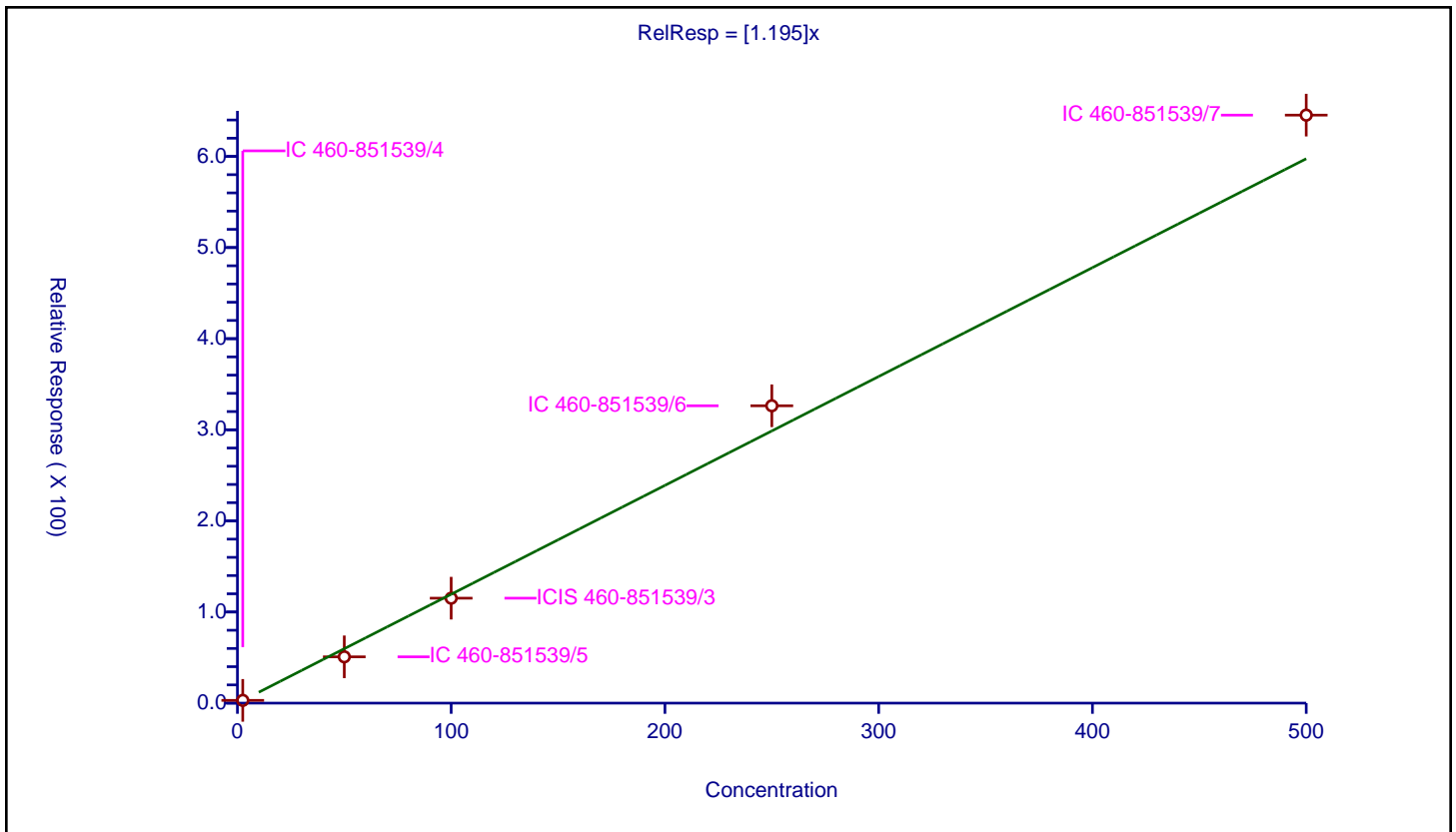
/ 4,4'-DDD

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.195

Error Coefficients	
Standard Error:	797000000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.026512	100.0	226516872.0	1.210605	Y
2	IC 460-851539/5	50.0	50.803989	100.0	219609384.0	1.01608	Y
3	ICIS 460-851539/3	100.0	115.184408	100.0	212839221.0	1.151844	Y
4	IC 460-851539/6	250.0	326.365364	100.0	215640152.0	1.305461	Y
5	IC 460-851539/7	500.0	645.350188	100.0	217500303.0	1.2907	Y



Calibration

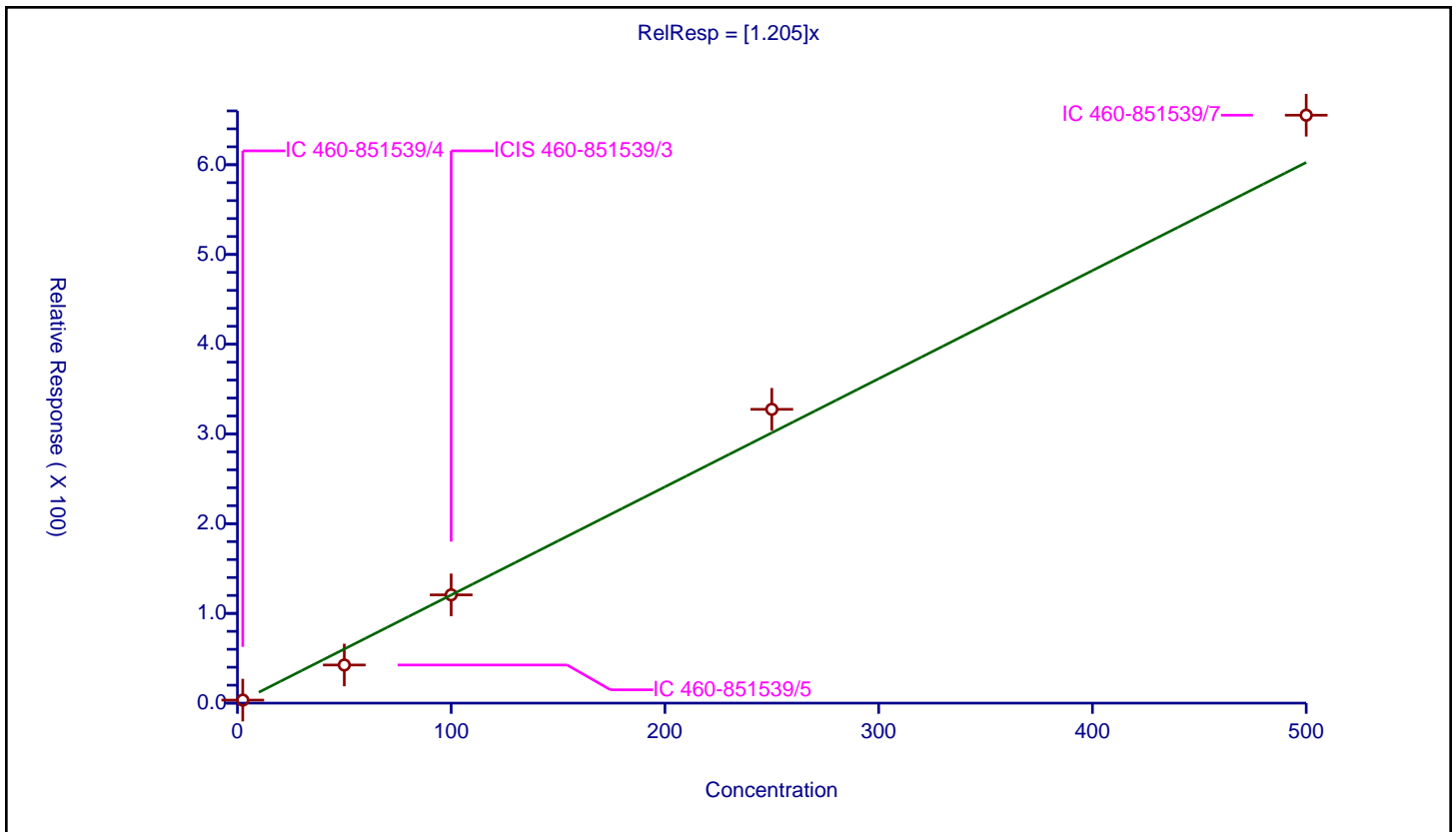
/ Endosulfan II

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.205

Error Coefficients	
Standard Error:	807000000
Relative Standard Error:	17.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.373354	100.0	226516872.0	1.349342	Y
2	IC 460-851539/5	50.0	42.492487	100.0	219609384.0	0.84985	Y
3	ICIS 460-851539/3	100.0	120.639173	100.0	212839221.0	1.206392	Y
4	IC 460-851539/6	250.0	327.411056	100.0	215640152.0	1.309644	Y
5	IC 460-851539/7	500.0	655.221143	100.0	217500303.0	1.310442	Y



Calibration

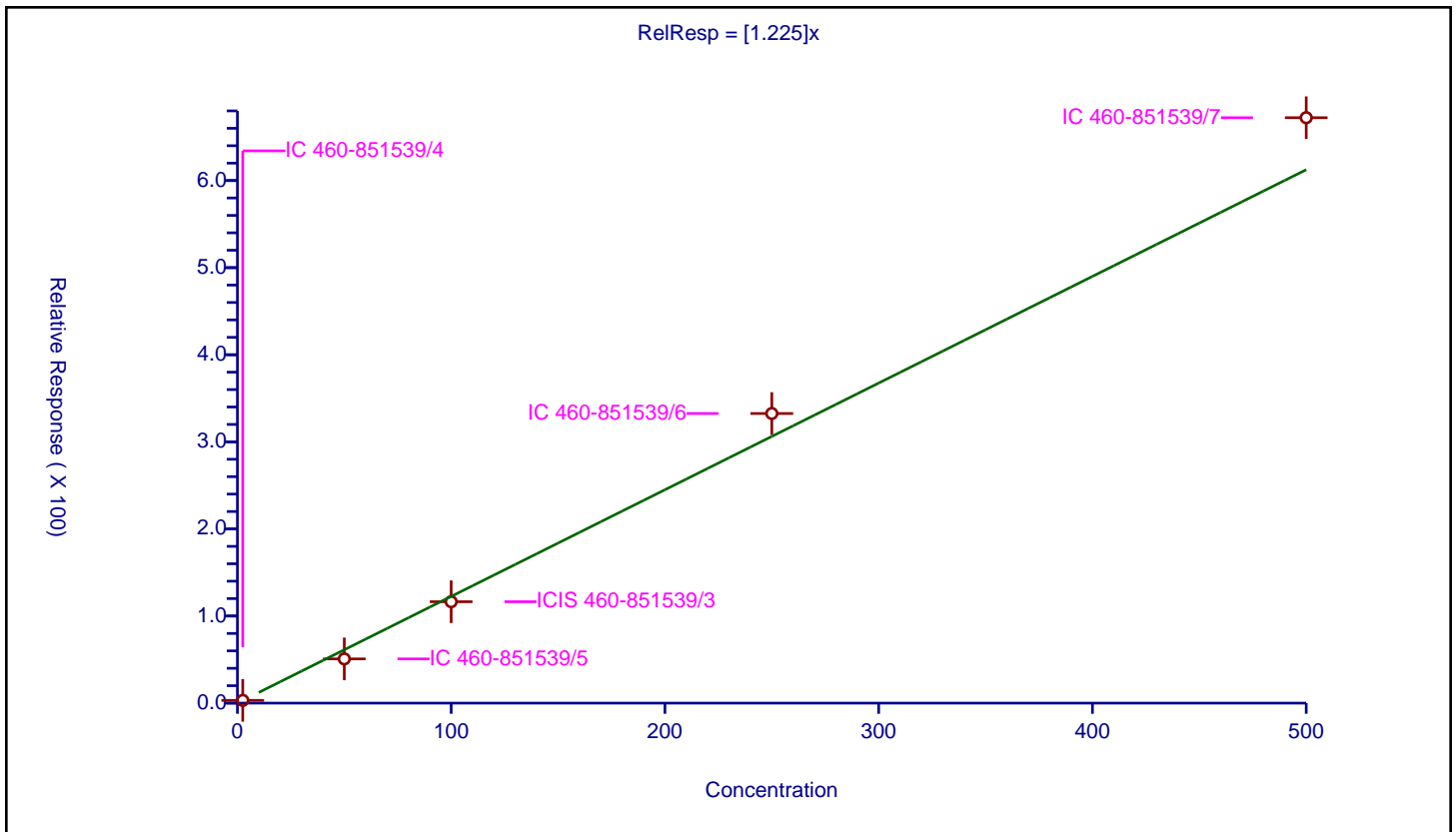
/ 4,4'-DDT

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.225

Error Coefficients	
Standard Error:	825000000
Relative Standard Error:	11.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.175463	100.0	226516872.0	1.270185	Y
2	IC 460-851539/5	50.0	50.786073	100.0	219609384.0	1.015721	Y
3	ICIS 460-851539/3	100.0	116.433469	100.0	212839221.0	1.164335	Y
4	IC 460-851539/6	250.0	332.540495	100.0	215640152.0	1.330162	Y
5	IC 460-851539/7	500.0	672.174878	100.0	217500303.0	1.34435	Y



Calibration

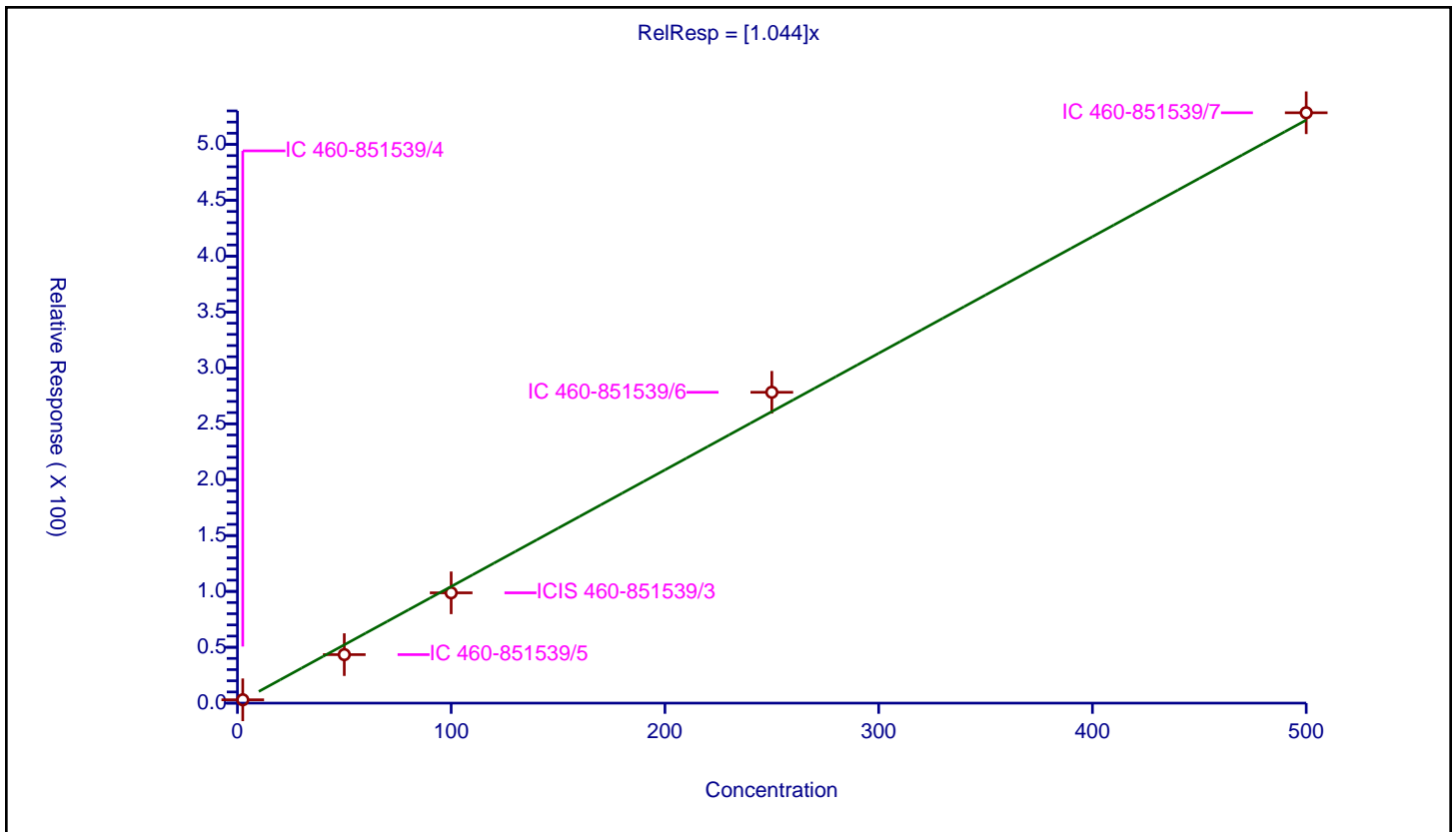
/ Endrin aldehyde

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.044

Error Coefficients	
Standard Error:	658000000
Relative Standard Error:	11.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.983307	100.0	226516872.0	1.193323	Y
2	IC 460-851539/5	50.0	43.404734	100.0	219609384.0	0.868095	Y
3	ICIS 460-851539/3	100.0	98.71379	100.0	212839221.0	0.987138	Y
4	IC 460-851539/6	250.0	278.194586	100.0	215640152.0	1.112778	Y
5	IC 460-851539/7	500.0	528.33053	100.0	217500303.0	1.056661	Y



Calibration

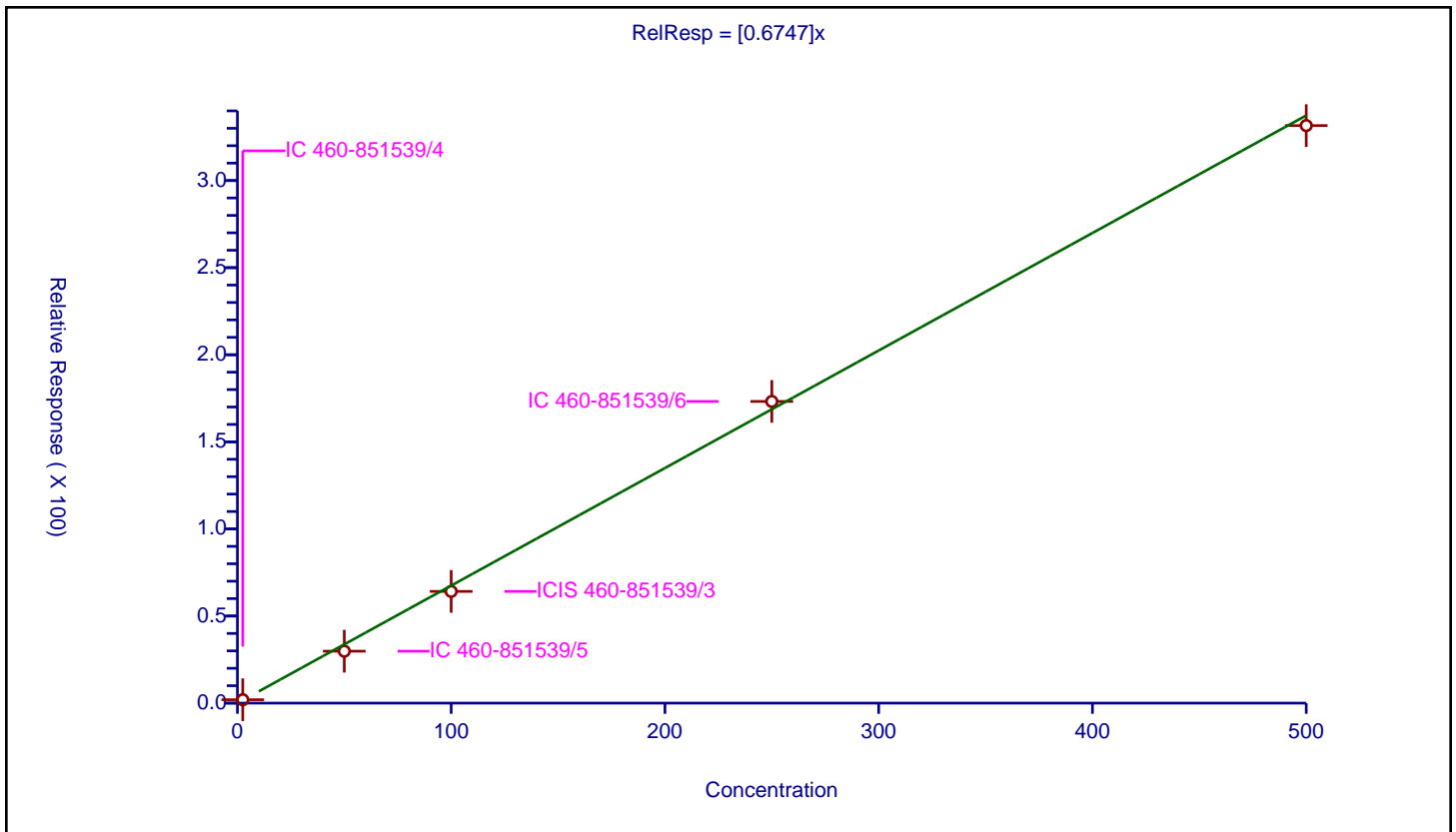
/ Methoxychlor

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6747

Error Coefficients	
Standard Error:	413000000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	1.949933	100.0	226516872.0	0.779973	Y
2	IC 460-851539/5	50.0	29.824041	100.0	219609384.0	0.596481	Y
3	ICIS 460-851539/3	100.0	64.136896	100.0	212839221.0	0.641369	Y
4	IC 460-851539/6	250.0	173.191891	100.0	215640152.0	0.692768	Y
5	IC 460-851539/7	500.0	331.561755	100.0	217500303.0	0.663124	Y



Calibration

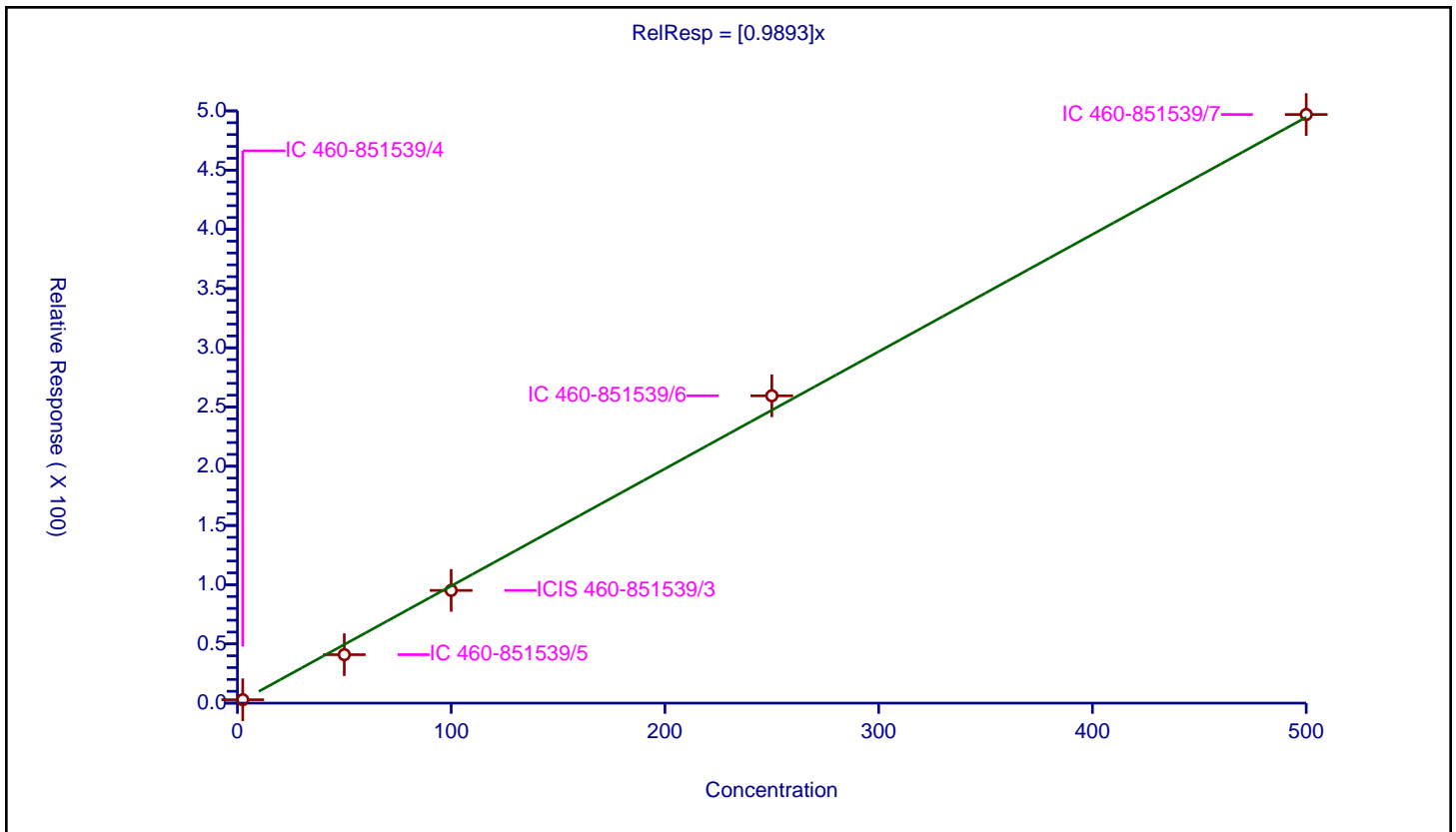
/ Mirex

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9893

Error Coefficients	
Standard Error:	619000000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.862954	100.0	226516872.0	1.145181	Y
2	IC 460-851539/5	50.0	40.906323	100.0	219609384.0	0.818126	Y
3	ICIS 460-851539/3	100.0	95.138377	100.0	212839221.0	0.951384	Y
4	IC 460-851539/6	250.0	259.462956	100.0	215640152.0	1.037852	Y
5	IC 460-851539/7	500.0	496.941457	100.0	217500303.0	0.993883	Y



Calibration

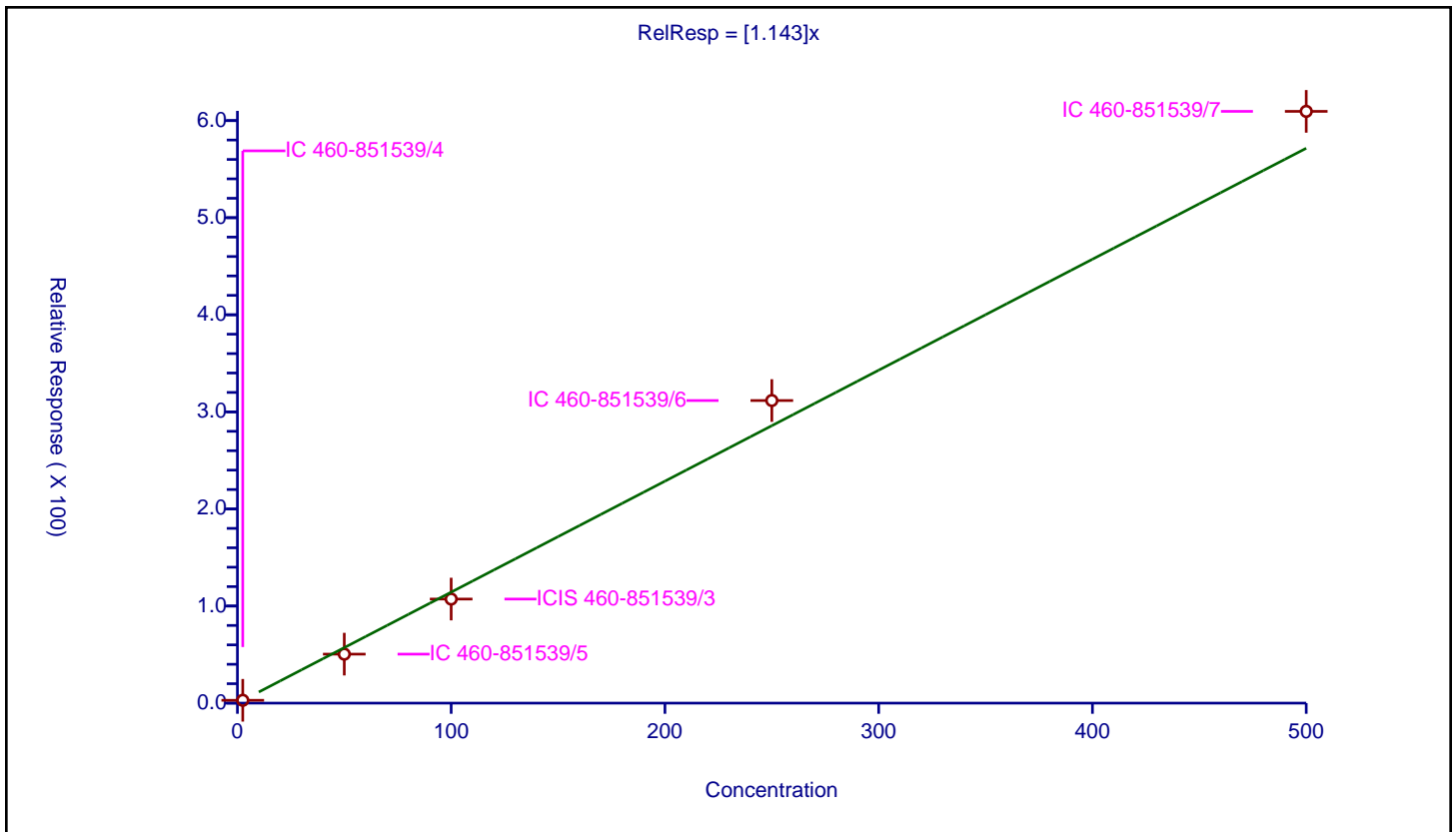
/ Endosulfan sulfate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.143

Error Coefficients	
Standard Error:	754000000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	2.921304	100.0	226516872.0	1.168522	Y
2	IC 460-851539/5	50.0	50.450407	100.0	219609384.0	1.009008	Y
3	ICIS 460-851539/3	100.0	107.187597	100.0	212839221.0	1.071876	Y
4	IC 460-851539/6	250.0	311.685502	100.0	215640152.0	1.246742	Y
5	IC 460-851539/7	500.0	609.508361	100.0	217500303.0	1.219017	Y



Calibration

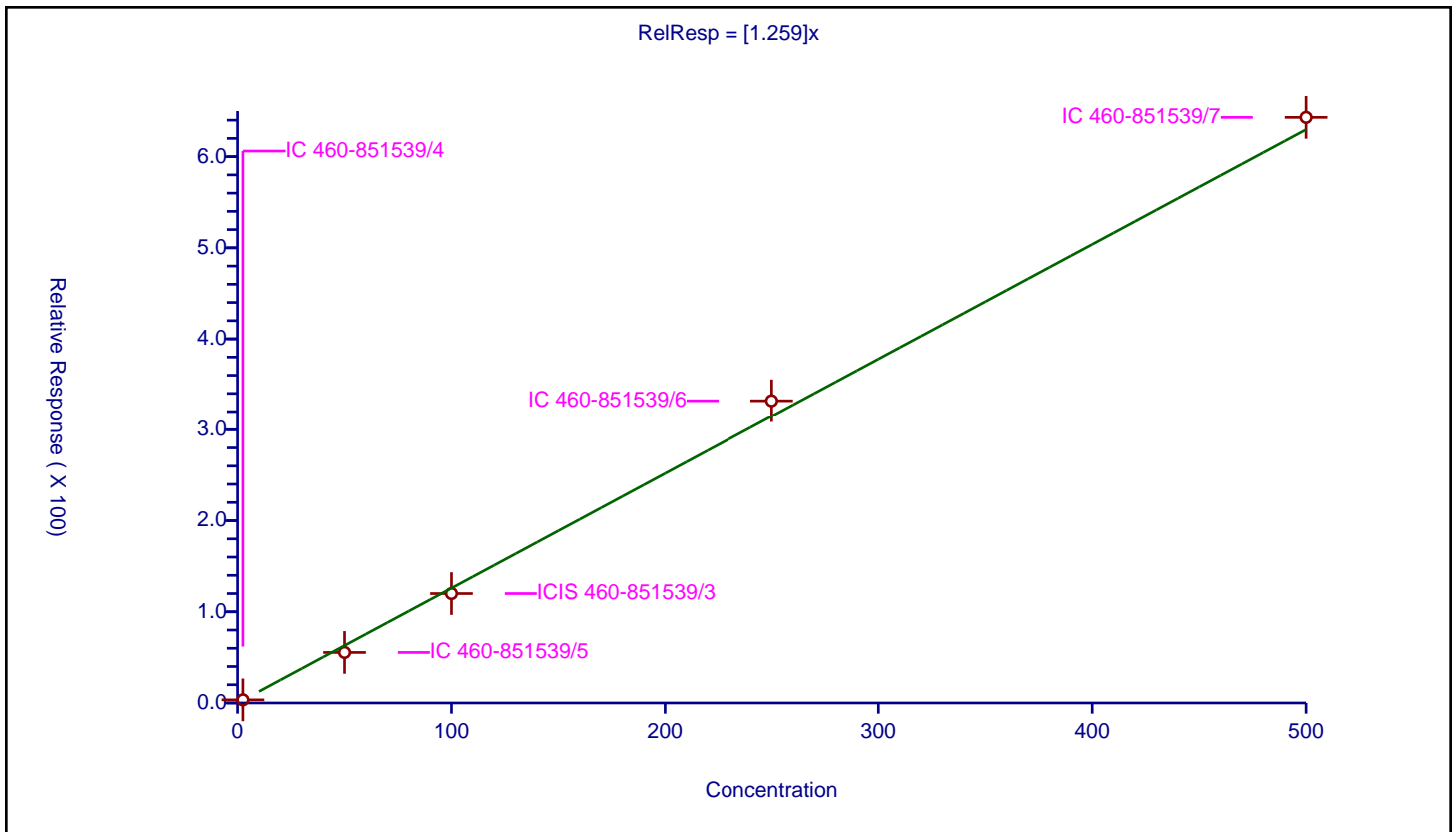
/ Endrin ketone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.259

Error Coefficients	
Standard Error:	798000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	2.5	3.435959	100.0	226516872.0	1.374383	Y
2	IC 460-851539/5	50.0	55.446114	100.0	219609384.0	1.108922	Y
3	ICIS 460-851539/3	100.0	120.018887	100.0	212839221.0	1.200189	Y
4	IC 460-851539/6	250.0	331.96289	100.0	215640152.0	1.327852	Y
5	IC 460-851539/7	500.0	643.069352	100.0	217500303.0	1.286139	Y



Calibration

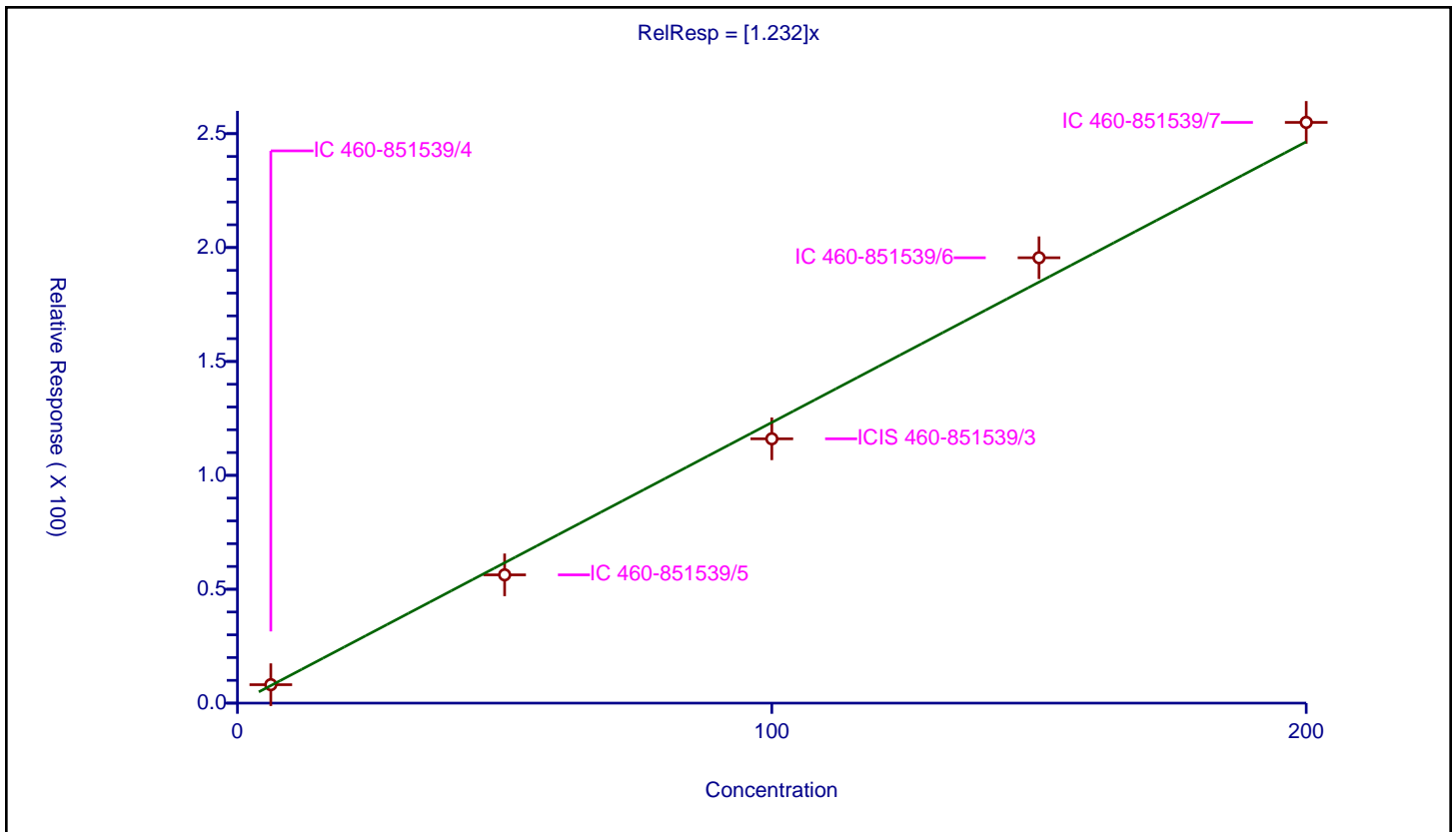
/ DCB Decachlorobiphenyl

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.232

Error Coefficients	
Standard Error:	375000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 460-851539/4	6.25	8.100626	100.0	226516872.0	1.2961	Y
2	IC 460-851539/5	50.0	56.321389	100.0	219609384.0	1.126428	Y
3	ICIS 460-851539/3	100.0	116.037956	100.0	212839221.0	1.16038	Y
4	IC 460-851539/6	150.0	195.527734	100.0	215640152.0	1.303518	Y
5	IC 460-851539/7	200.0	254.952675	100.0	217500303.0	1.274763	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Lab Sample ID (2): CCVIS 460-883285/3 Instrument ID (2): CPESTGC12

GC Column (2): CLP-2 ID: 0.53 (mm) Date Analyzed (2): 12/15/2022 03:05

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.08	100.00

Eurofins Edison

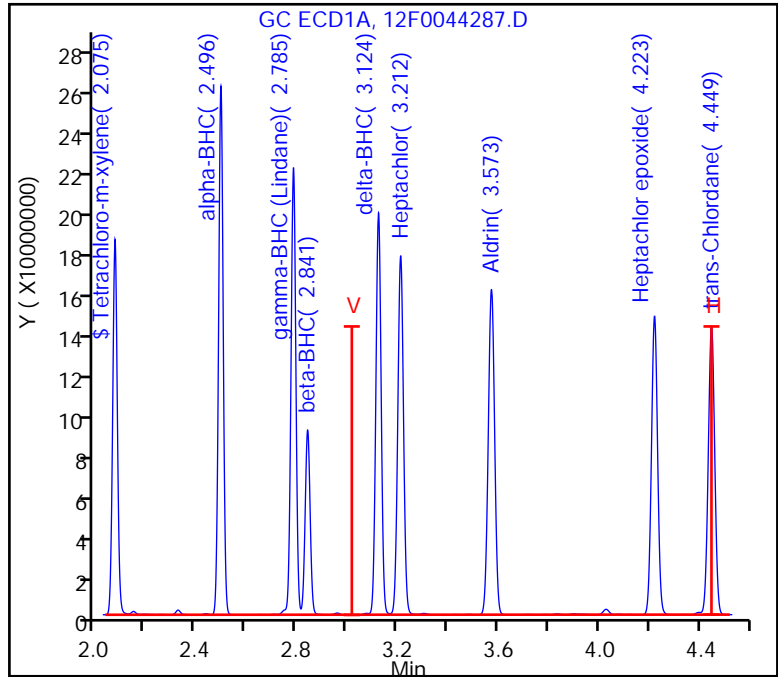
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

\$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 140731104
H(Smaller Peak Height) = 140572560

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Lab Sample ID (1): CCVIS 460-883285/3 Instrument ID (1): CPESTGC12

GC Column (1): Rtx-CLP ID: 0.53(mm) Date Analyzed (1): 12/15/2022 03:05

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	1.84	100.00

Eurofins Edison

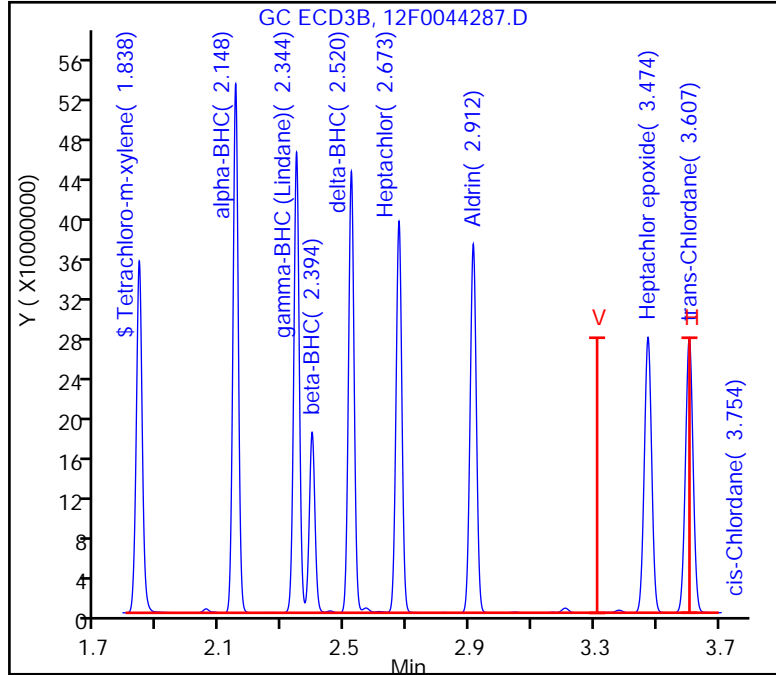
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

\$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 274459264
H(Smaller Peak Height) = 274239328

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: PEM 460-883285/2 Calibration Date: 12/15/2022 02:53
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044286.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.29	369502983	11.24	15	
Endrin aldehyde	5.86	14175633			
Endrin ketone	7.06	32631954			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.74	306762345	8.34	15	
4,4'-DDD	5.40	23443234			
4,4'-DDE	4.83	4457599			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044286.D
 Lims ID: PEM
 Client ID:
 Sample Type: PEM
 Inject. Date: 15-Dec-2022 02:53:17 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PEM
 Operator ID: Instrument ID: CPESTGC12
 Sublist:
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.557	1.556	0.001	159953641	100.0	100.0	
2	1.483	1.482	0.001	298647902	100.0	100.0	
							RPD = 0.00

25 4,4'-DDE

1	4.827	4.824	0.003	4457599		2.14	
2	3.839	3.836	0.003	7208441		1.62	
							RPD = 27.53

20 Endrin

1	5.291	5.289	0.002	369502983	250.0	177.1	
2	4.422	4.421	0.001	673547294	250.0	163.1	
							RPD = 8.26

16 4,4'-DDD

1	5.403	5.400	0.003	23443234		12.9	
2	4.511	4.508	0.003	36623961		10.3	
							RPD = 22.81

21 4,4'-DDT

1	5.737	5.734	0.003	306762345	250.0	169.9	
2	4.830	4.829	0.001	566298972	250.0	154.8	
							RPD = 9.28

5 Endrin aldehyde

1	5.864	5.862	0.002	14175633		9.39	
2	5.112	5.111	0.001	22227934		7.13	
							RPD = 27.34

13 Endrin ketone

1	7.063	7.060	0.003	32631954		17.1	
2	5.792	5.791	0.001	48298507		12.8	
							RPD = 28.38

Reagents:

SGDDT/Ei_00042

Amount Added: 1.00

Units: mL

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044286.D

Injection Date: 15-Dec-2022 02:53:17

Instrument ID: CPESTGC12

Operator ID:

Lims ID: PEM

Worklist Smp#: 2

Client ID:

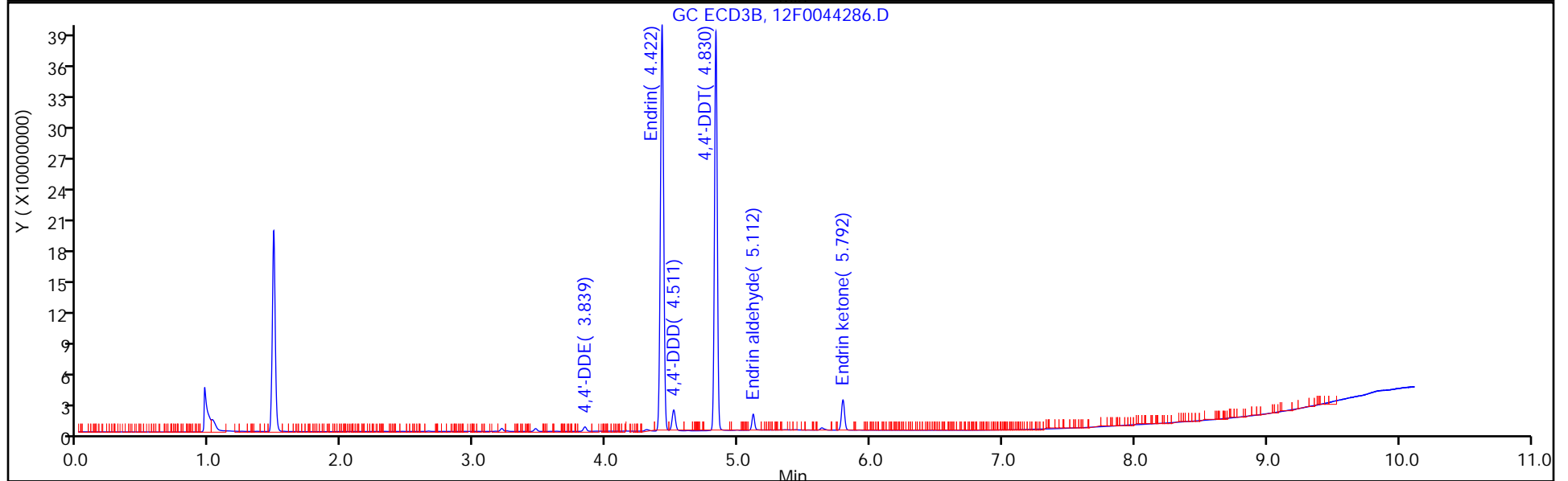
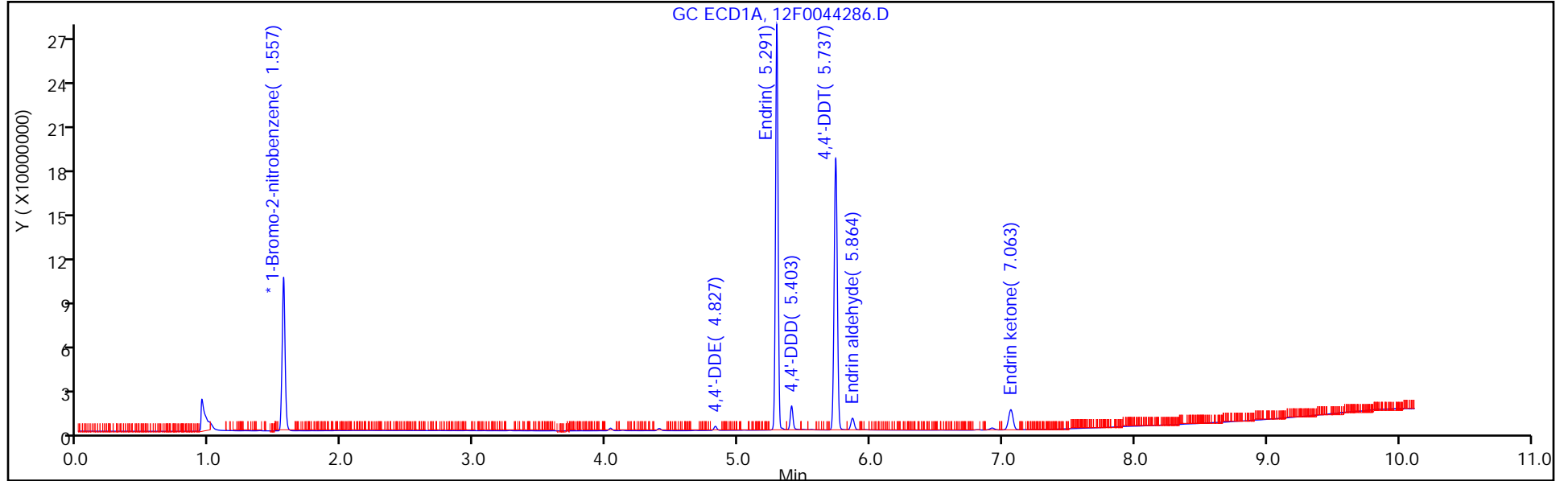
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: GC8081

Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: PEM 460-883285/2 Calibration Date: 12/15/2022 02:53
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044286.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.42	673547294	9.48	15	
Endrin aldehyde	5.11	22227934			
Endrin ketone	5.79	48298507			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.83	566298972	7.18	15	
4,4'-DDD	4.51	36623961			
4,4'-DDE	3.84	7208441			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044286.D
 Lims ID: PEM
 Client ID:
 Sample Type: PEM
 Inject. Date: 15-Dec-2022 02:53:17 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PEM
 Operator ID: Instrument ID: CPESTGC12
 Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B

Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.557	1.556	0.001	159953641	100.0	100.0	
2	1.483	1.482	0.001	298647902	100.0	100.0	
							RPD = 0.00

25 4,4'-DDE

1	4.827	4.824	0.003	4457599		2.14	
2	3.839	3.836	0.003	7208441		1.62	
							RPD = 27.53

20 Endrin

1	5.291	5.289	0.002	369502983	250.0	177.1	
2	4.422	4.421	0.001	673547294	250.0	163.1	
							RPD = 8.26

16 4,4'-DDD

1	5.403	5.400	0.003	23443234		12.9	
2	4.511	4.508	0.003	36623961		10.3	
							RPD = 22.81

21 4,4'-DDT

1	5.737	5.734	0.003	306762345	250.0	169.9	
2	4.830	4.829	0.001	566298972	250.0	154.8	
							RPD = 9.28

5 Endrin aldehyde

1	5.864	5.862	0.002	14175633		9.39	
2	5.112	5.111	0.001	22227934		7.13	
							RPD = 27.34

13 Endrin ketone

1	7.063	7.060	0.003	32631954		17.1	
2	5.792	5.791	0.001	48298507		12.8	
							RPD = 28.38

Reagents:

SGDDT/Ei_00042

Amount Added: 1.00

Units: mL

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044286.D

Injection Date: 15-Dec-2022 02:53:17

Instrument ID: CPESTGC12

Operator ID:

Lims ID: PEM

Worklist Smp#: 2

Client ID:

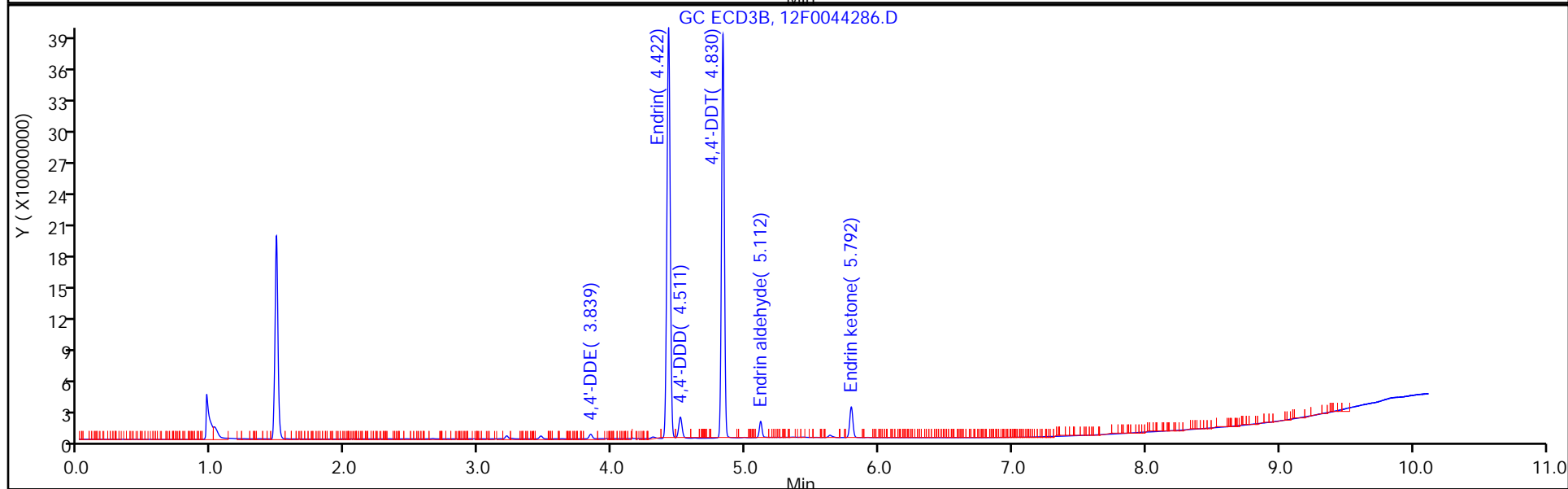
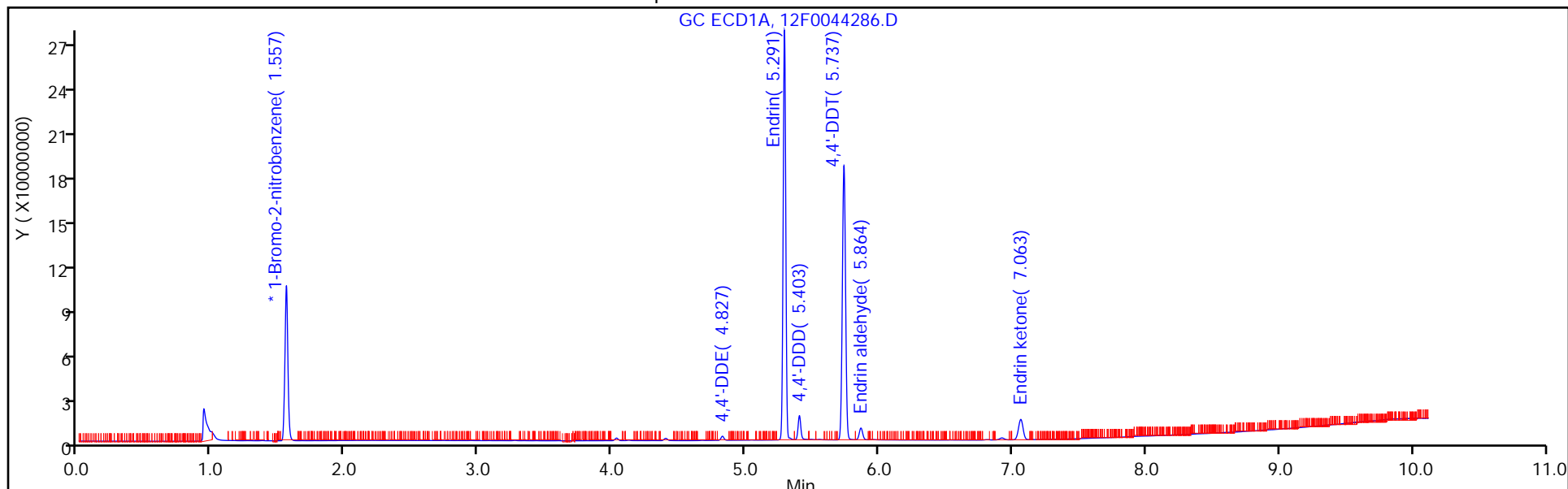
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: GC8081

Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-851539/22 Calibration Date: 06/23/2022 15:02
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0038971.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.717	1.710		99.6	100	-0.4	20.0
gamma-BHC (Lindane)	Ave	1.517	1.504		99.1	100	-0.9	20.0
beta-BHC	Ave	0.5885	0.6460		110	100	9.8	20.0
delta-BHC	Ave	1.478	1.424		96.3	100	-3.7	20.0
Heptachlor	Ave	1.450	1.444		99.6	100	-0.4	20.0
Aldrin	Ave	1.414	1.419		100	100	0.3	20.0
Heptachlor epoxide	Ave	1.271	1.258		99.0	100	-1.0	20.0
trans-Chlordane	Ave	1.278	1.254		98.1	100	-1.9	20.0
cis-Chlordane	Ave	1.242	1.201		96.7	100	-3.3	20.0
Endosulfan I	Ave	1.172	1.122		95.7	100	-4.3	20.0
4,4'-DDE	Ave	1.303	1.295		99.5	100	-0.5	20.0
Dieldrin	Ave	1.374	1.345		97.8	100	-2.2	20.0
Endrin	Ave	1.304	1.280		98.1	100	-1.9	20.0
4,4'-DDD	Ave	1.136	1.120		98.6	100	-1.4	20.0
Endosulfan II	Ave	1.153	1.195		104	100	3.6	20.0
4,4'-DDT	Ave	1.129	1.119		99.1	100	-0.9	20.0
Endrin aldehyde	Ave	0.9438	0.9560		101	100	1.3	20.0
Endosulfan sulfate	Ave	1.097	1.082		98.6	100	-1.4	20.0
Methoxychlor	Ave	0.6398	0.6353		99.3	100	-0.7	20.0
Mirex	Ave	0.9095	0.8909		98.0	100	-2.0	20.0
Endrin ketone	Ave	1.194	1.037		86.9	100	-13.1	20.0
Tetrachloro-m-xylene	Ave	1.186	1.150		97.0	100	-3.0	20.0
DCB Decachlorobiphenyl	Ave	1.042	1.017		97.6	100	-2.4	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-851539/22 Calibration Date: 06/23/2022 15:02
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0038971.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.60	2.59	2.61
gamma-BHC (Lindane)	2.91	2.89	2.91
beta-BHC	2.96	2.95	2.97
delta-BHC	3.26	3.25	3.27
Heptachlor	3.35	3.34	3.36
Aldrin	3.73	3.72	3.74
Heptachlor epoxide	4.38	4.38	4.40
trans-Chlordane	4.62	4.61	4.63
cis-Chlordane	4.79	4.78	4.80
Endosulfan I	4.86	4.85	4.87
4,4'-DDE	4.96	4.95	4.97
Dieldrin	5.13	5.12	5.14
Endrin	5.42	5.41	5.43
4,4'-DDD	5.53	5.52	5.54
Endosulfan II	5.63	5.62	5.64
4,4'-DDT	5.89	5.88	5.90
Endrin aldehyde	6.03	6.02	6.04
Endosulfan sulfate	6.42	6.41	6.43
Methoxychlor	6.98	6.97	6.99
Mirex	7.17	7.16	7.18
Endrin ketone	7.25	7.24	7.26
Tetrachloro-m-xylene	2.16	2.15	2.17
DCB Decachlorobiphenyl	8.43	8.42	8.44

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038971.D
 Lims ID: ICV PEST
 Client ID:
 Sample Type: ICV
 Inject. Date: 23-Jun-2022 15:02:08 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-022
 Operator ID: Instrument ID: CPESTGC12
 Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:56:23 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.633	1.632	0.001	130113712	100.0	100.0	
2	1.548	1.547	0.001	214178732	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	149642143	100.0	97.0	
2	1.914	1.914	0.000	265074256	100.0	96.8	
							RPD = 0.26

15 alpha-BHC

1	2.602	2.603	-0.001	222547286	100.0	99.6	
2	2.233	2.233	0.000	377362434	100.0	97.6	
							RPD = 1.99

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	195689036	100.0	99.1	
2	2.438	2.438	0.000	343057026	100.0	96.3	
							RPD = 2.91

6 beta-BHC

1	2.963	2.963	0.000	84058200	100.0	109.8	
2	2.490	2.490	0.000	143127317	100.0	95.8	
							RPD = 13.57

32 delta-BHC

1	3.260	3.260	0.000	185269874	100.0	96.3	
2	2.622	2.623	-0.001	324330176	100.0	97.6	
							RPD = 1.26

18 Heptachlor

1	3.353	3.353	0.000	187892453	100.0	99.6	
2	2.785	2.786	-0.001	326809152	100.0	95.5	
							RPD = 4.23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	184634273	100.0	100.3	
2	3.037	3.037	0.000	325821633	100.0	95.5	
						RPD = 4.99	
12 Heptachlor epoxide							
1	4.384	4.385	-0.001	163738221	100.0	99.0	
2	3.630	3.630	0.000	293875050	100.0	95.4	
						RPD = 3.73	
9 trans-Chlordane							
1	4.621	4.621	0.000	163101940	100.0	98.1	
2	3.764	3.764	0.000	304636589	100.0	94.6	
						RPD = 3.68	
23 cis-Chlordane							
1	4.791	4.792	-0.001	156243254	100.0	96.7	
2	3.906	3.906	0.000	289021149	100.0	94.0	
						RPD = 2.79	
7 Endosulfan I							
1	4.859	4.858	0.001	146010729	100.0	95.7	
2	4.053	4.053	0.000	268898172	100.0	94.5	
						RPD = 1.35	
25 4,4'-DDE							
1	4.962	4.962	0.000	168562246	100.0	99.5	
2	3.984	3.984	0.000	303827206	100.0	95.3	
						RPD = 4.25	
30 Dieldrin							
1	5.132	5.132	0.000	174986698	100.0	97.8	
2	4.309	4.310	-0.001	289106432	100.0	92.9	
						RPD = 5.16	
20 Endrin							
1	5.416	5.417	-0.001	166498462	100.0	98.1	
2	4.581	4.582	-0.001	292217237	100.0	98.6	
						RPD = 0.55	
16 4,4'-DDD							
1	5.528	5.528	0.000	145752177	100.0	98.6	
2	4.664	4.665	-0.001	244862359	100.0	95.7	
						RPD = 3.04	
11 Endosulfan II							
1	5.628	5.628	0.000	155428195	100.0	103.6	
2	4.830	4.831	-0.001	257815479	100.0	99.9	
						RPD = 3.65	
21 4,4'-DDT							
1	5.885	5.886	-0.001	145591761	100.0	99.1	
2	4.960	4.961	-0.001	248483141	100.0	94.7	
						RPD = 4.53	
5 Endrin aldehyde							
1	6.025	6.026	-0.001	124394883	100.0	101.3	
2	5.232	5.233	-0.001	218195780	100.0	97.6	
						RPD = 3.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.418	6.419	-0.001	140809810	100.0	98.6	
2	5.640	5.641	-0.001	223103222	100.0	91.1	
						RPD = 7.89	

10 Methoxychlor

1	6.980	6.981	-0.001	82665974	100.0	99.3	
2	5.430	5.431	-0.001	137022488	100.0	94.8	
						RPD = 4.62	

34 Mirex

1	7.173	7.174	-0.001	115923423	100.0	98.0	
2	5.513	5.515	-0.002	201362709	100.0	95.0	
						RPD = 3.03	

13 Endrin ketone

1	7.253	7.253	0.000	134951705	100.0	86.9	
2	5.941	5.941	0.000	269216135	100.0	99.8	
						RPD = 13.86	

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	132300688	100.0	97.6	
2	7.465	7.466	-0.001	212913899	100.0	80.7	
						RPD = 19.00	

Reagents:

SGPTICV_00046	Amount Added: 1.00	Units: mL	
SGPESTISTD_00018	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038971.D

Injection Date: 23-Jun-2022 15:02:08

Instrument ID: CPESTGC12

Operator ID:

Lims ID: ICV PEST

Worklist Smp#: 22

Client ID:

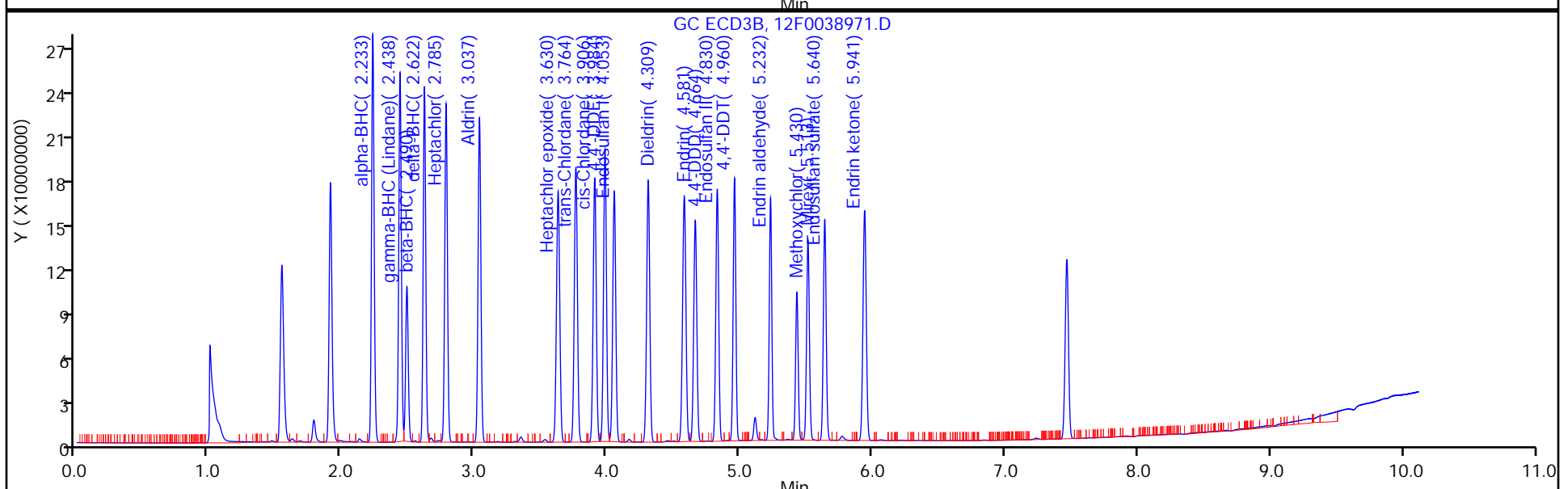
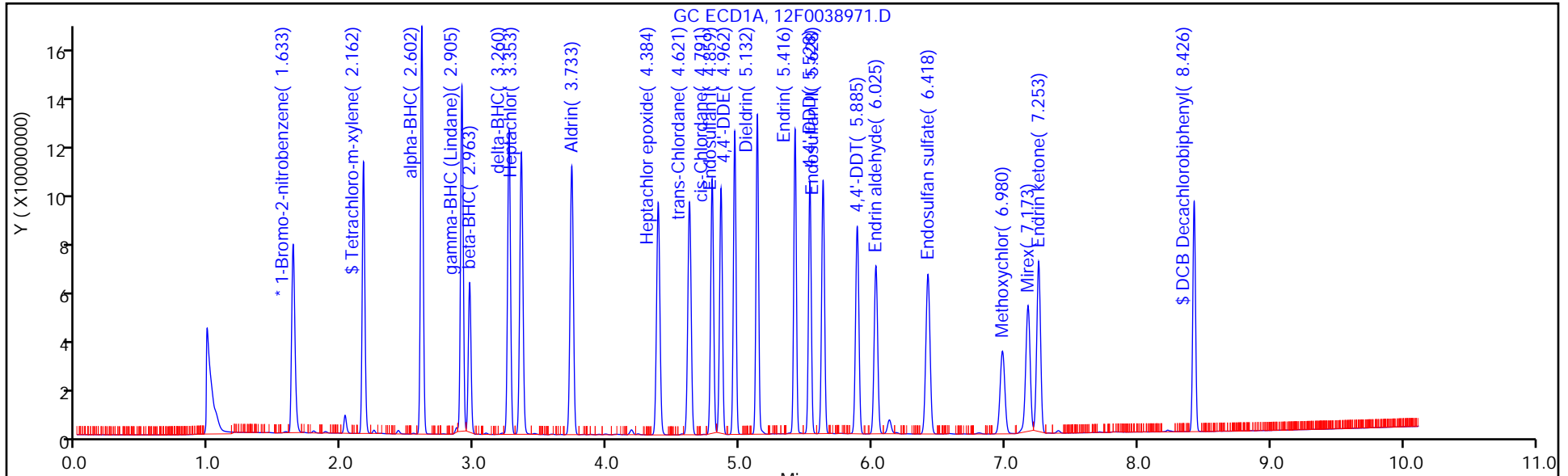
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 22

Method: GC8081

Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-851539/22 Calibration Date: 06/23/2022 15:02
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0038971.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.805	1.762		97.6	100	-2.4	20.0
gamma-BHC (Lindane)	Ave	1.664	1.602		96.3	100	-3.7	20.0
beta-BHC	Lin		0.6683		95.8	100	-4.2	20.0
delta-BHC	Ave	1.552	1.514		97.6	100	-2.4	20.0
Heptachlor	Ave	1.599	1.526		95.5	100	-4.5	20.0
Aldrin	Ave	1.594	1.521		95.5	100	-4.5	20.0
Heptachlor epoxide	Ave	1.438	1.372		95.4	100	-4.6	20.0
trans-Chlordane	Ave	1.504	1.422		94.6	100	-5.4	20.0
cis-Chlordane	Ave	1.435	1.349		94.0	100	-6.0	20.0
4,4'-DDE	Ave	1.488	1.419		95.3	100	-4.7	20.0
Endosulfan I	Ave	1.329	1.255		94.5	100	-5.5	20.0
Dieldrin	Ave	1.453	1.350		92.9	100	-7.1	20.0
Endrin	Ave	1.383	1.364		98.6	100	-1.4	20.0
4,4'-DDD	Ave	1.195	1.143		95.7	100	-4.3	20.0
Endosulfan II	Ave	1.205	1.204		99.9	100	-0.1	20.0
4,4'-DDT	Ave	1.225	1.160		94.7	100	-5.3	20.0
Endrin aldehyde	Ave	1.044	1.019		97.6	100	-2.4	20.0
Methoxychlor	Ave	0.6747	0.6398		94.8	100	-5.2	20.0
Mirex	Ave	0.9893	0.9402		95.0	100	-5.0	20.0
Endosulfan sulfate	Ave	1.143	1.042		91.1	100	-8.9	20.0
Endrin ketone	Ave	1.259	1.257		99.8	100	-0.2	20.0
Tetrachloro-m-xylene	Ave	1.279	1.238		96.8	100	-3.2	20.0
DCB Decachlorobiphenyl	Ave	1.232	0.9941		80.7	100	-19.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: ICV 460-851539/22 Calibration Date: 06/23/2022 15:02
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0038971.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.23	2.22	2.24
gamma-BHC (Lindane)	2.44	2.43	2.45
beta-BHC	2.49	2.48	2.50
delta-BHC	2.62	2.61	2.63
Heptachlor	2.79	2.78	2.80
Aldrin	3.04	3.03	3.05
Heptachlor epoxide	3.63	3.62	3.64
trans-Chlordane	3.76	3.75	3.77
cis-Chlordane	3.91	3.90	3.92
4,4'-DDE	3.98	3.97	3.99
Endosulfan I	4.05	4.04	4.06
Dieldrin	4.31	4.30	4.32
Endrin	4.58	4.57	4.59
4,4'-DDD	4.66	4.66	4.68
Endosulfan II	4.83	4.82	4.84
4,4'-DDT	4.96	4.95	4.97
Endrin aldehyde	5.23	5.22	5.24
Methoxychlor	5.43	5.42	5.44
Mirex	5.51	5.51	5.53
Endosulfan sulfate	5.64	5.63	5.65
Endrin ketone	5.94	5.93	5.95
Tetrachloro-m-xylene	1.91	1.90	1.92
DCB Decachlorobiphenyl	7.47	7.46	7.48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038971.D
 Lims ID: ICV PEST
 Client ID:
 Sample Type: ICV
 Inject. Date: 23-Jun-2022 15:02:08 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0146959-022
 Operator ID: Instrument ID: CPESTGC12
 Sublist:
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 24-Jun-2022 17:56:23 Calib Date: 23-Jun-2022 14:37:29
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038969.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1613

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.633	1.632	0.001	130113712	100.0	100.0	
2	1.548	1.547	0.001	214178732	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.162	2.162	0.000	149642143	100.0	97.0	
2	1.914	1.914	0.000	265074256	100.0	96.8	
							RPD = 0.26

15 alpha-BHC

1	2.602	2.603	-0.001	222547286	100.0	99.6	
2	2.233	2.233	0.000	377362434	100.0	97.6	
							RPD = 1.99

2 gamma-BHC (Lindane)

1	2.905	2.904	0.001	195689036	100.0	99.1	
2	2.438	2.438	0.000	343057026	100.0	96.3	
							RPD = 2.91

6 beta-BHC

1	2.963	2.963	0.000	84058200	100.0	109.8	
2	2.490	2.490	0.000	143127317	100.0	95.8	
							RPD = 13.57

32 delta-BHC

1	3.260	3.260	0.000	185269874	100.0	96.3	
2	2.622	2.623	-0.001	324330176	100.0	97.6	
							RPD = 1.26

18 Heptachlor

1	3.353	3.353	0.000	187892453	100.0	99.6	
2	2.785	2.786	-0.001	326809152	100.0	95.5	
							RPD = 4.23

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038971.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.733	3.733	0.000	184634273	100.0	100.3	
2	3.037	3.037	0.000	325821633	100.0	95.5	
						RPD = 4.99	
12 Heptachlor epoxide							
1	4.384	4.385	-0.001	163738221	100.0	99.0	
2	3.630	3.630	0.000	293875050	100.0	95.4	
						RPD = 3.73	
9 trans-Chlordane							
1	4.621	4.621	0.000	163101940	100.0	98.1	
2	3.764	3.764	0.000	304636589	100.0	94.6	
						RPD = 3.68	
23 cis-Chlordane							
1	4.791	4.792	-0.001	156243254	100.0	96.7	
2	3.906	3.906	0.000	289021149	100.0	94.0	
						RPD = 2.79	
7 Endosulfan I							
1	4.859	4.858	0.001	146010729	100.0	95.7	
2	4.053	4.053	0.000	268898172	100.0	94.5	
						RPD = 1.35	
25 4,4'-DDE							
1	4.962	4.962	0.000	168562246	100.0	99.5	
2	3.984	3.984	0.000	303827206	100.0	95.3	
						RPD = 4.25	
30 Dieldrin							
1	5.132	5.132	0.000	174986698	100.0	97.8	
2	4.309	4.310	-0.001	289106432	100.0	92.9	
						RPD = 5.16	
20 Endrin							
1	5.416	5.417	-0.001	166498462	100.0	98.1	
2	4.581	4.582	-0.001	292217237	100.0	98.6	
						RPD = 0.55	
16 4,4'-DDD							
1	5.528	5.528	0.000	145752177	100.0	98.6	
2	4.664	4.665	-0.001	244862359	100.0	95.7	
						RPD = 3.04	
11 Endosulfan II							
1	5.628	5.628	0.000	155428195	100.0	103.6	
2	4.830	4.831	-0.001	257815479	100.0	99.9	
						RPD = 3.65	
21 4,4'-DDT							
1	5.885	5.886	-0.001	145591761	100.0	99.1	
2	4.960	4.961	-0.001	248483141	100.0	94.7	
						RPD = 4.53	
5 Endrin aldehyde							
1	6.025	6.026	-0.001	124394883	100.0	101.3	
2	5.232	5.233	-0.001	218195780	100.0	97.6	
						RPD = 3.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

3 Endosulfan sulfate

1	6.418	6.419	-0.001	140809810	100.0	98.6	
2	5.640	5.641	-0.001	223103222	100.0	91.1	
						RPD = 7.89	

10 Methoxychlor

1	6.980	6.981	-0.001	82665974	100.0	99.3	
2	5.430	5.431	-0.001	137022488	100.0	94.8	
						RPD = 4.62	

34 Mirex

1	7.173	7.174	-0.001	115923423	100.0	98.0	
2	5.513	5.515	-0.002	201362709	100.0	95.0	
						RPD = 3.03	

13 Endrin ketone

1	7.253	7.253	0.000	134951705	100.0	86.9	
2	5.941	5.941	0.000	269216135	100.0	99.8	
						RPD = 13.86	

\$ 24 DCB Decachlorobiphenyl

1	8.426	8.426	0.000	132300688	100.0	97.6	
2	7.465	7.466	-0.001	212913899	100.0	80.7	
						RPD = 19.00	

Reagents:

SGPTICV_00046

Amount Added: 1.00

Units: mL

SGPESTISTD_00018

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20220623-146959.b\12F0038971.D

Injection Date: 23-Jun-2022 15:02:08

Instrument ID: CPESTGC12

Operator ID:

Lims ID: ICV PEST

Worklist Smp#: 22

Client ID:

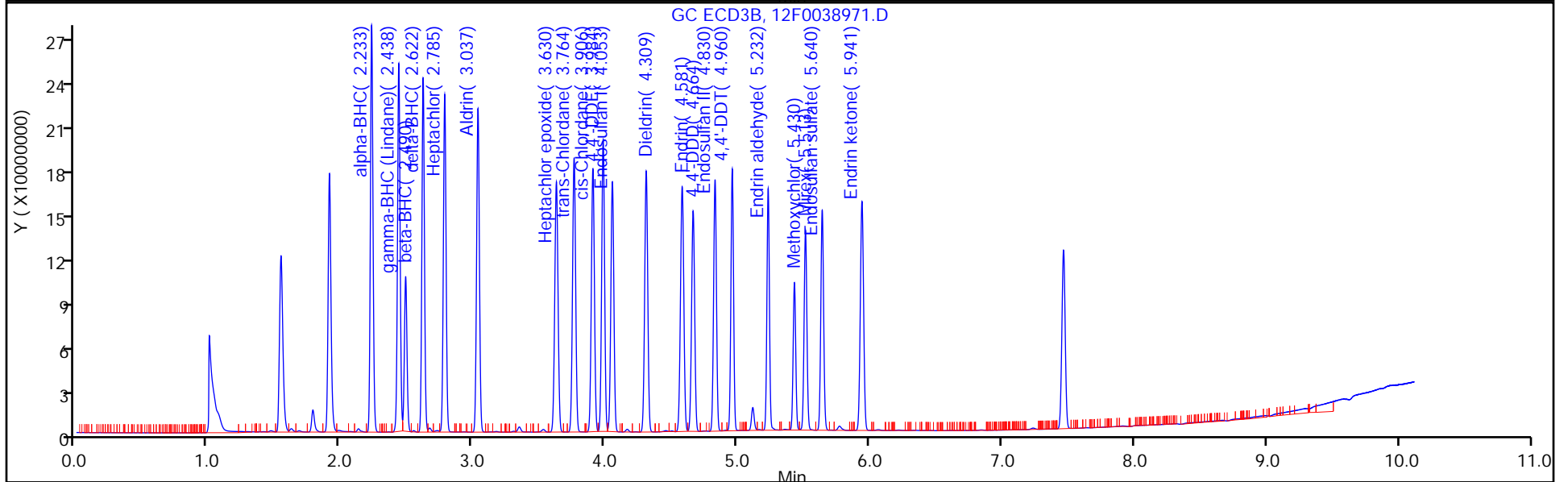
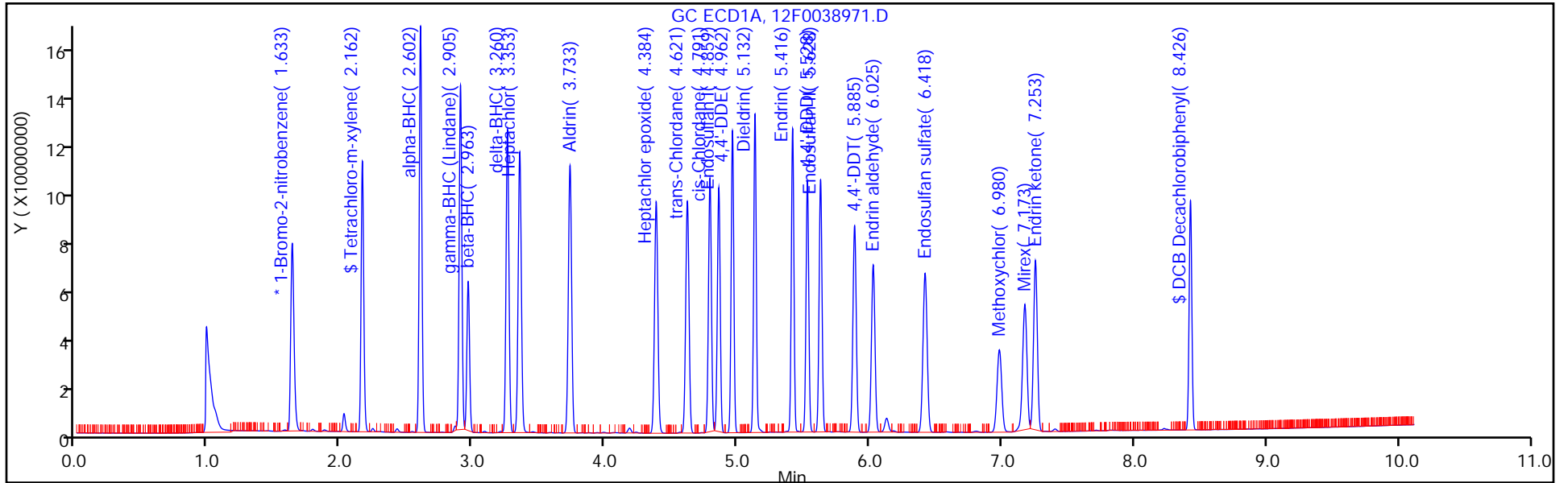
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 22

Method: GC8081

Limit Group: GC 8081B PEST ISTD



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883285/3 Calibration Date: 12/15/2022 03:05
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044287.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.717	1.877		109	100	9.3	20.0
gamma-BHC (Lindane)	Ave	1.517	1.689		111	100	11.3	20.0
beta-BHC	Ave	0.5885	0.7121		121	100	21.0*	20.0
delta-BHC	Ave	1.478	1.642		111	100	11.1	20.0
Heptachlor	Ave	1.450	1.581		109	100	9.0	20.0
Aldrin	Ave	1.414	1.588		112	100	12.3	20.0
Heptachlor epoxide	Ave	1.271	1.405		111	100	10.6	20.0
trans-Chlordane	Ave	1.278	1.427		112	100	11.7	20.0
cis-Chlordane	Ave	1.242	1.360		110	100	9.5	20.0
Endosulfan I	Ave	1.172	1.247		106	100	6.4	20.0
4,4'-DDE	Ave	1.303	1.419		109	100	9.0	20.0
Dieldrin	Ave	1.374	1.477		107	100	7.4	20.0
Endrin	Ave	1.304	1.318		101	100	1.0	20.0
4,4'-DDD	Ave	1.136	1.259		111	100	10.8	20.0
Endosulfan II	Ave	1.153	1.301		113	100	12.9	20.0
4,4'-DDT	Ave	1.129	1.092		96.7	100	-3.3	20.0
Endrin aldehyde	Ave	0.9438	1.034		110	100	9.6	20.0
Endosulfan sulfate	Ave	1.097	1.232		112	100	12.3	20.0
Methoxychlor	Ave	0.6398	0.6099		95.3	100	-4.7	20.0
Mirex	Ave	0.9095	1.056		116	100	16.1	20.0
Endrin ketone	Ave	1.194	1.469		123	100	23.1*	20.0
Tetrachloro-m-xylene	Ave	1.186	1.347		114	100	13.6	20.0
DCB Decachlorobiphenyl	Ave	1.042	1.195		115	100	14.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883285/3 Calibration Date: 12/15/2022 03:05
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044287.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.50	2.49	2.51
gamma-BHC (Lindane)	2.79	2.78	2.80
beta-BHC	2.84	2.83	2.85
delta-BHC	3.12	3.11	3.13
Heptachlor	3.21	3.20	3.22
Aldrin	3.57	3.56	3.58
Heptachlor epoxide	4.22	4.21	4.23
trans-Chlordane	4.45	4.44	4.46
cis-Chlordane	4.64	4.63	4.65
Endosulfan I	4.71	4.70	4.72
4,4'-DDE	4.82	4.81	4.83
Dieldrin	5.00	4.99	5.01
Endrin	5.29	5.28	5.30
4,4'-DDD	5.40	5.39	5.41
Endosulfan II	5.49	5.48	5.50
4,4'-DDT	5.73	5.72	5.74
Endrin aldehyde	5.86	5.85	5.87
Endosulfan sulfate	6.23	6.22	6.24
Methoxychlor	6.77	6.76	6.78
Mirex	6.97	6.96	6.98
Endrin ketone	7.06	7.05	7.07
Tetrachloro-m-xylene	2.08	2.07	2.09
DCB Decachlorobiphenyl	8.34	8.33	8.35

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 15-Dec-2022 03:05:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-003
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:17 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 04:02:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene							
1	1.556	1.556	0.000	176933150	100.0	100.0	
2	1.482	1.482	0.000	338389171	100.0	100.0	
						RPD = 0.00	
\$ 4 Tetrachloro-m-xylene M							
1	2.075	2.075	0.000	238350791	100.0	113.6	M
2	1.838	1.838	0.000	469892012	100.0	108.6	
						RPD = 4.56	
15 alpha-BHC							
1	2.496	2.496	0.000	332182300	100.0	109.3	
2	2.148	2.148	0.000	636009293	100.0	104.1	
						RPD = 4.84	
2 gamma-BHC (Lindane) M							
1	2.785	2.785	0.000	298900763	100.0	111.3	M
2	2.344	2.344	0.000	564423741	100.0	100.3	
						RPD = 10.47	
6 beta-BHC M							
1	2.841	2.841	0.000	125991745	100.0	121.0	M
2	2.394	2.394	0.000	220443253	100.0	93.5	
						RPD = 25.65	
32 delta-BHC M							
1	3.124	3.124	0.000	290544431	100.0	111.1	M
2	2.520	2.520	0.000	559729382	100.0	106.6	
						RPD = 4.16	
18 Heptachlor M							
1	3.212	3.212	0.000	279791654	100.0	109.0	M
2	2.673	2.673	0.000	514771649	100.0	95.2	
						RPD = 13.59	

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.573	3.573	0.000	281048549	100.0	112.3	
2	2.912	2.912	0.000	519165952	100.0	96.3	
						RPD = 15.39	
12 Heptachlor epoxide							
1	4.223	4.223	0.000	248615839	100.0	110.6	
2	3.474	3.474	0.000	454945434	100.0	93.5	
						RPD = 16.75	
9 trans-Chlordane							
1	4.449	4.449	0.000	252552334	100.0	111.7	M
2	3.607	3.607	0.000	470883389	100.0	92.5	M
						RPD = 18.81	
23 cis-Chlordane							
1	4.635	4.635	0.000	240671230	100.0	109.5	M
2	3.754	3.754	0.000	440340823	100.0	90.7	M
						RPD = 18.83	
7 Endosulfan I							
1	4.706	4.706	0.000	220584623	100.0	106.4	M
2	3.906	3.906	0.000	416378901	100.0	92.6	M
						RPD = 13.86	
25 4,4'-DDE							
1	4.824	4.824	0.000	251144503	100.0	109.0	
2	3.836	3.836	0.000	452981371	100.0	89.9	
						RPD = 19.13	
30 Dieldrin							
1	4.998	4.998	0.000	261254535	100.0	107.4	
2	4.160	4.160	0.000	455987049	100.0	92.8	
						RPD = 14.65	
20 Endrin							
1	5.289	5.289	0.000	233180491	100.0	101.0	
2	4.421	4.421	0.000	410355630	100.0	87.7	
						RPD = 14.16	
16 4,4'-DDD							
1	5.400	5.400	0.000	222688766	100.0	110.8	
2	4.508	4.508	0.000	383501343	100.0	94.8	
						RPD = 15.53	
11 Endosulfan II							
1	5.489	5.489	0.000	230260465	100.0	112.9	
2	4.688	4.688	0.000	384578167	100.0	94.3	
						RPD = 17.92	
21 4,4'-DDT							
1	5.734	5.734	0.000	193122761	100.0	96.7	
2	4.829	4.829	0.000	341779341	100.0	82.5	
						RPD = 15.87	
5 Endrin aldehyde							
1	5.862	5.862	0.000	182945052	100.0	109.6	
2	5.111	5.111	0.000	317462866	100.0	89.9	
						RPD = 19.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.230	6.230	0.000	217978146	100.0	112.3	
2	5.509	5.509	0.000	345054837	100.0	89.2	
							RPD = 22.89

10 Methoxychlor

1	6.773	6.773	0.000	107904154	100.0	95.3	
2	5.312	5.312	0.000	174662794	100.0	76.5	
							RPD = 21.91

34 Mirex

1	6.973	6.973	0.000	186899480	100.0	116.1	M
2	5.390	5.390	0.000	292394151	100.0	87.3	
							RPD = 28.30

13 Endrin ketone

1	7.060	7.060	0.000	259955418	100.0	123.1	M
2	5.791	5.791	0.000	460709875	100.0	108.1	
							RPD = 12.94

\$ 24 DCB Decachlorobiphenyl

1	8.337	8.337	0.000	211409300	100.0	114.7	
2	7.336	7.336	0.000	378129717	100.0	90.7	
							RPD = 23.39

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00042

Amount Added: 1.00

Units: mL

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D

Injection Date: 15-Dec-2022 03:05:30

Instrument ID: CPESTGC12

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

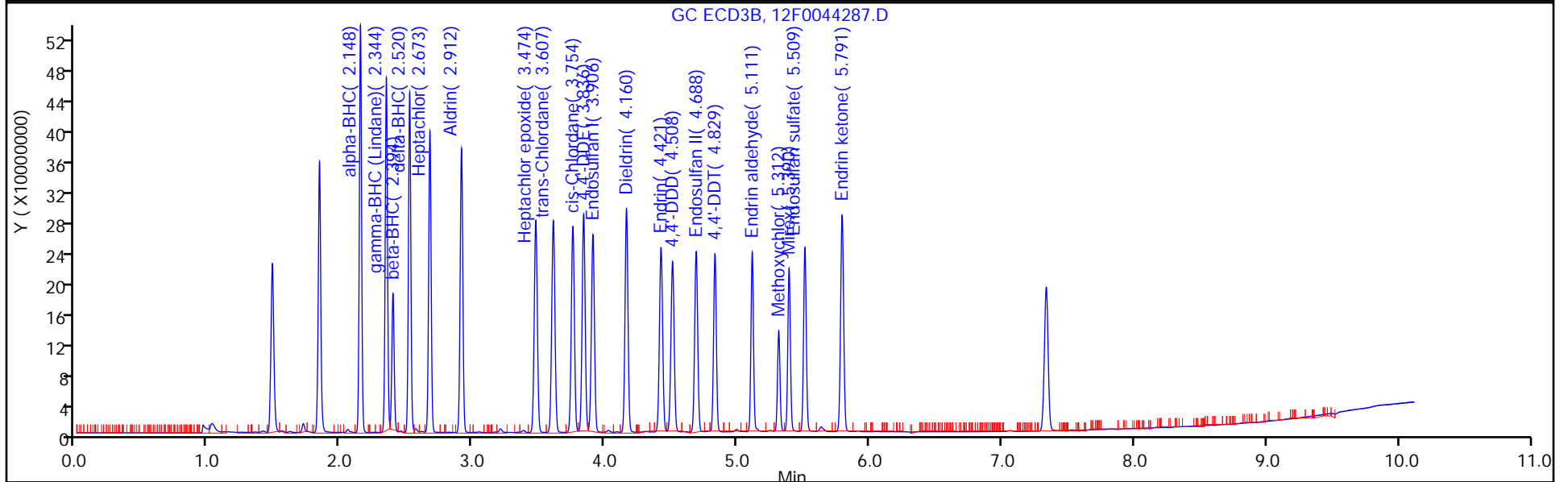
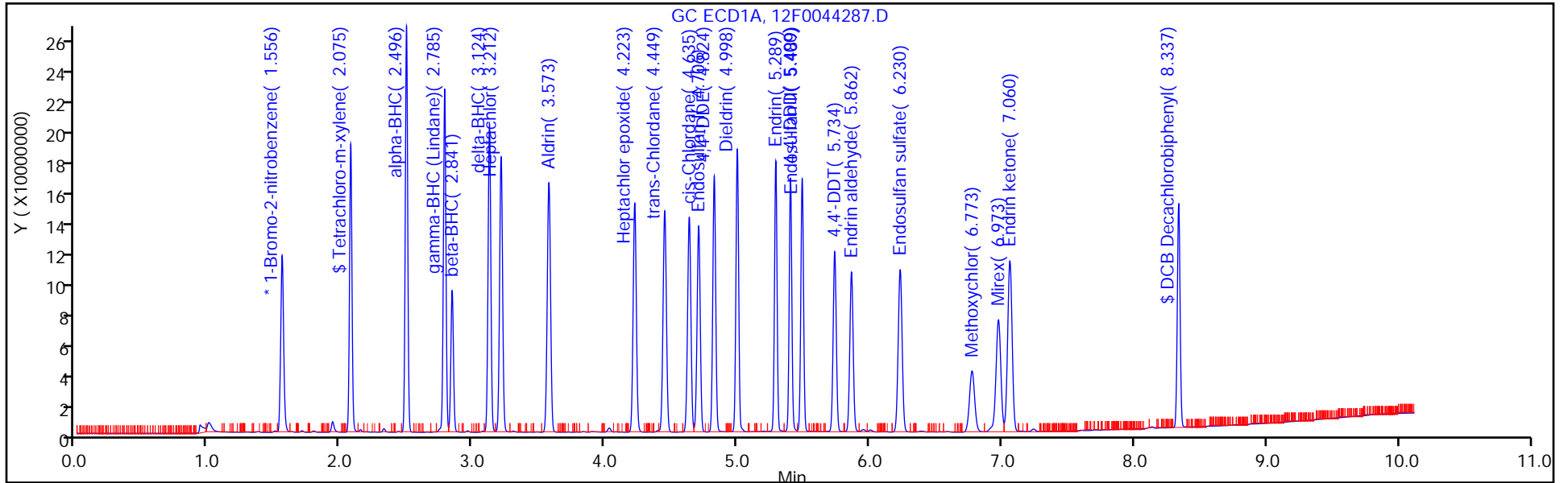
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison

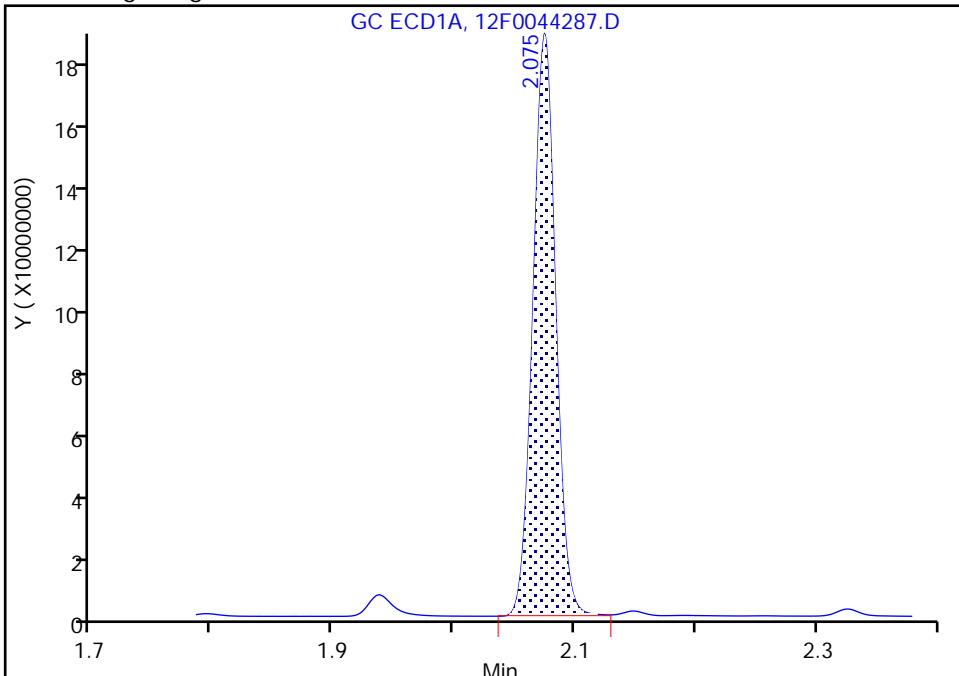
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

\$ 4 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

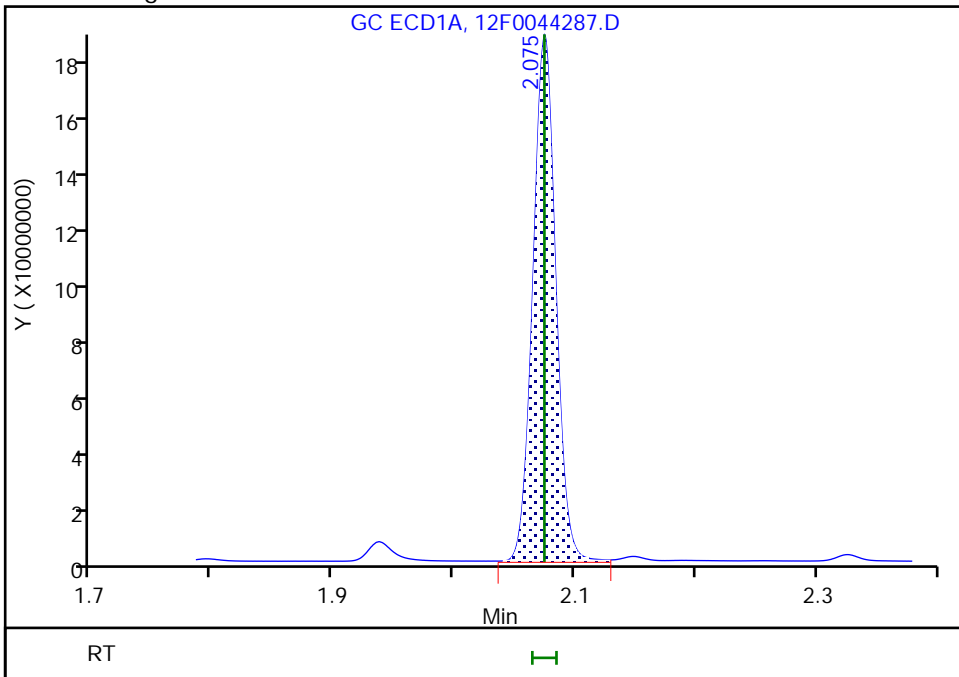
RT: 2.07
Area: 238040823
Amount: 113.4803
Amount Units: ug/l

Processing Integration Results



RT: 2.07
Area: 238350791
Amount: 113.6281
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:57
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

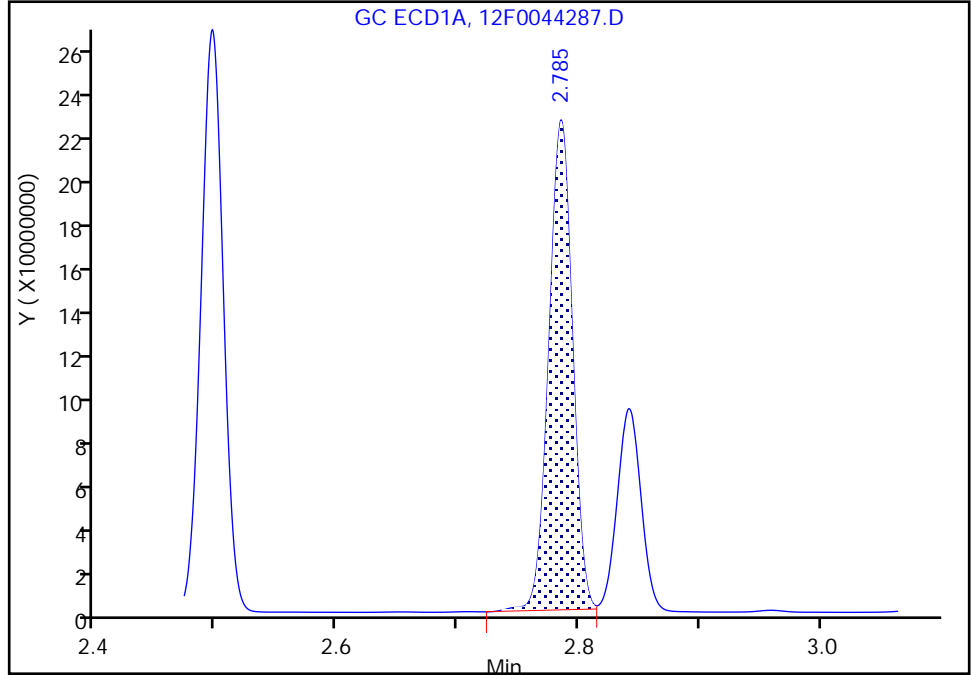
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

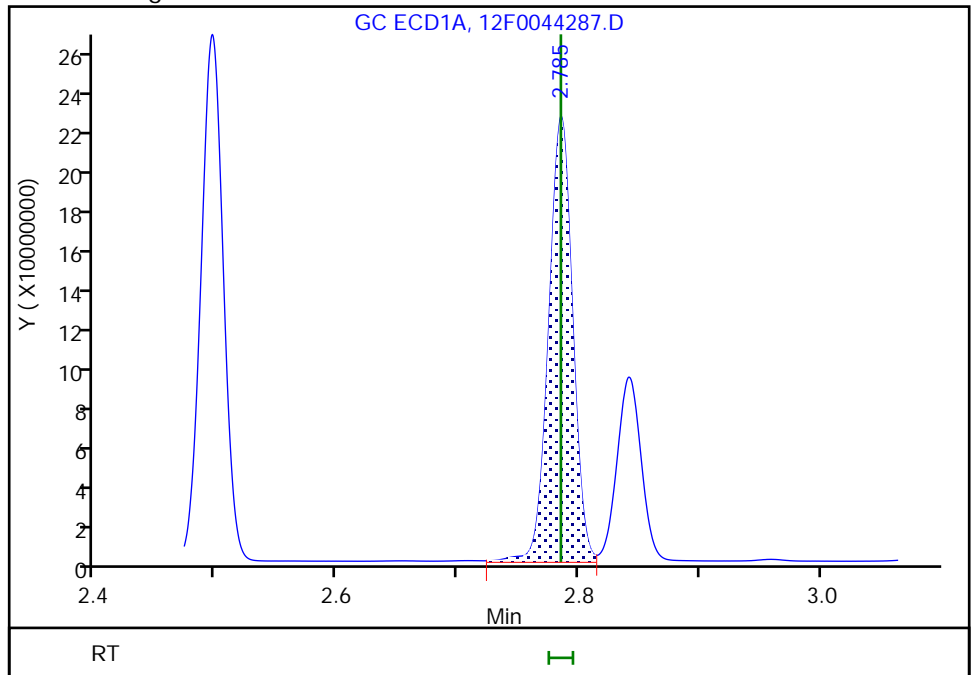
RT: 2.78
Area: 293467567
Amount: 109.3018
Amount Units: ug/l

Processing Integration Results



RT: 2.78
Area: 298900763
Amount: 111.3254
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:17
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

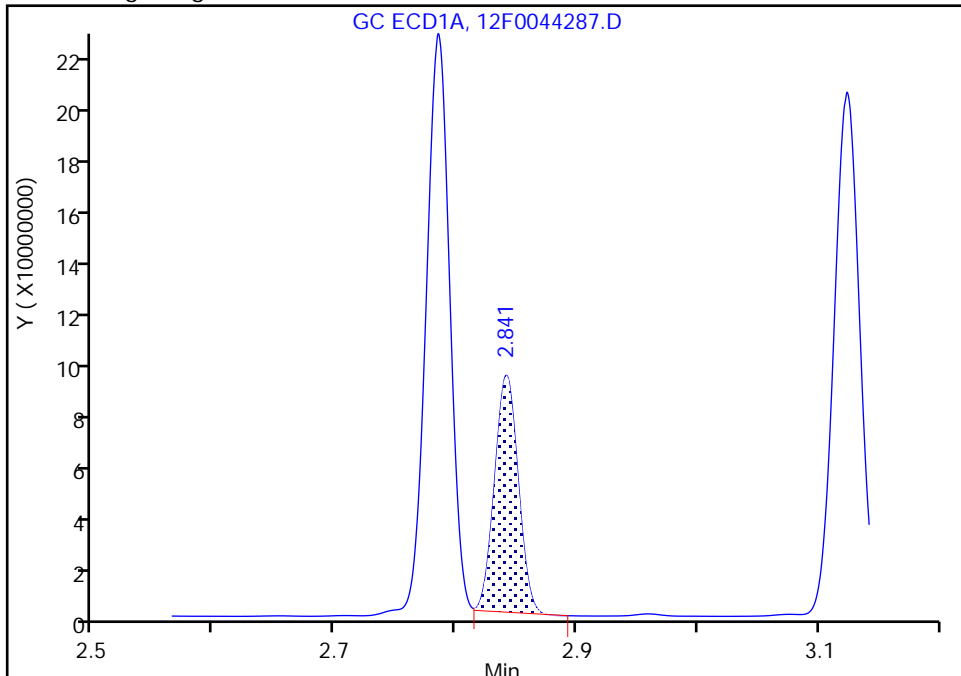
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7

Signal: 1

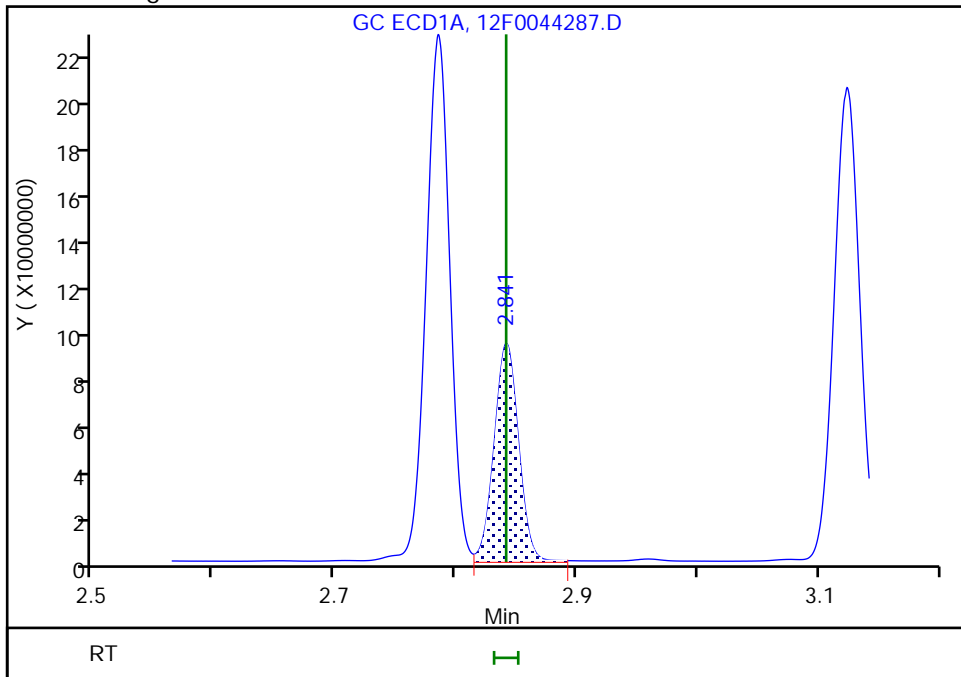
RT: 2.84
Area: 121650435
Amount: 116.8343
Amount Units: ug/l

Processing Integration Results



RT: 2.84
Area: 125991745
Amount: 121.0038
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:17
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

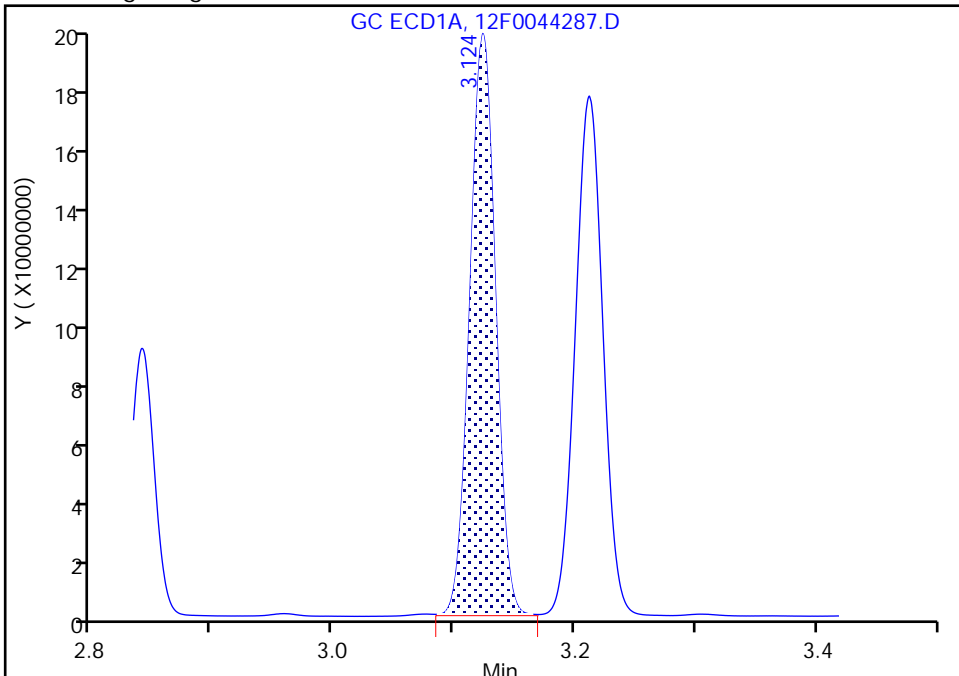
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Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8

Signal: 1

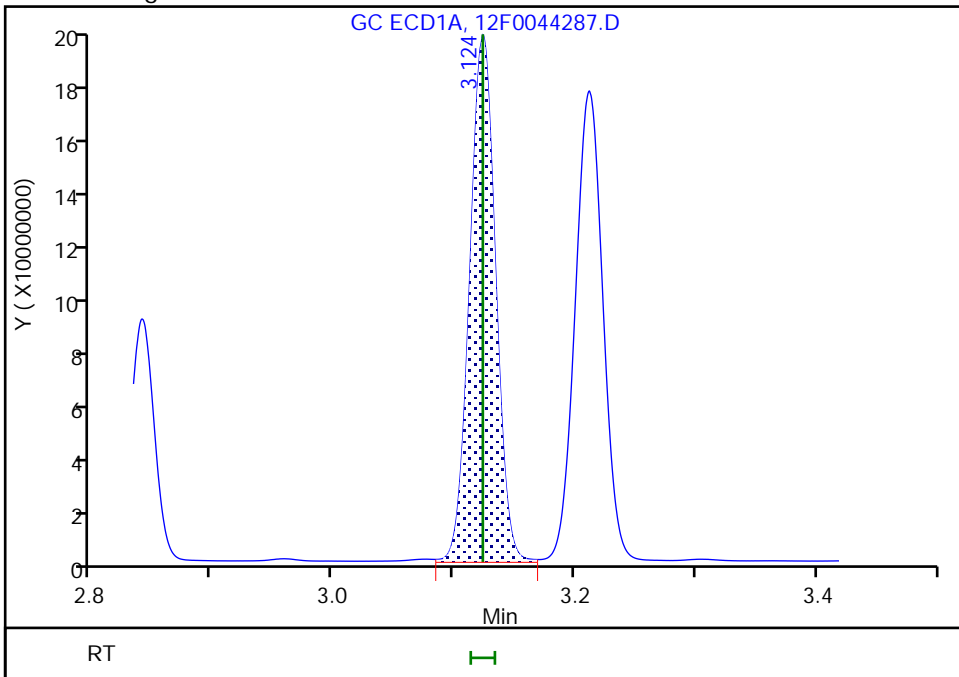
RT: 3.12
Area: 289485818
Amount: 110.6917
Amount Units: ug/l

Processing Integration Results



RT: 3.12
Area: 290544431
Amount: 111.0965
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:02:02
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

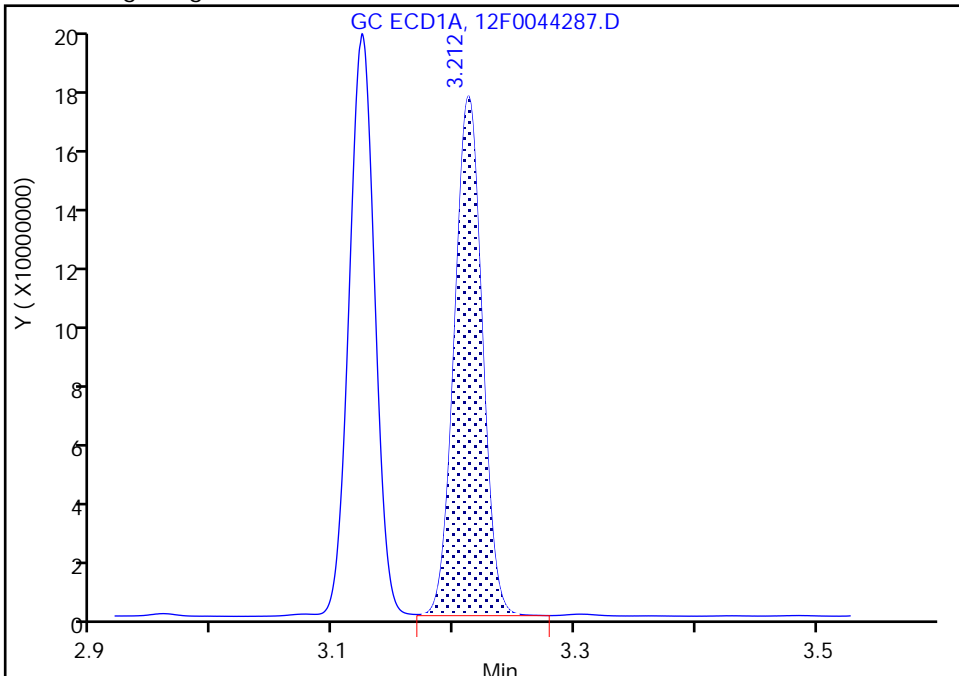
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8

Signal: 1

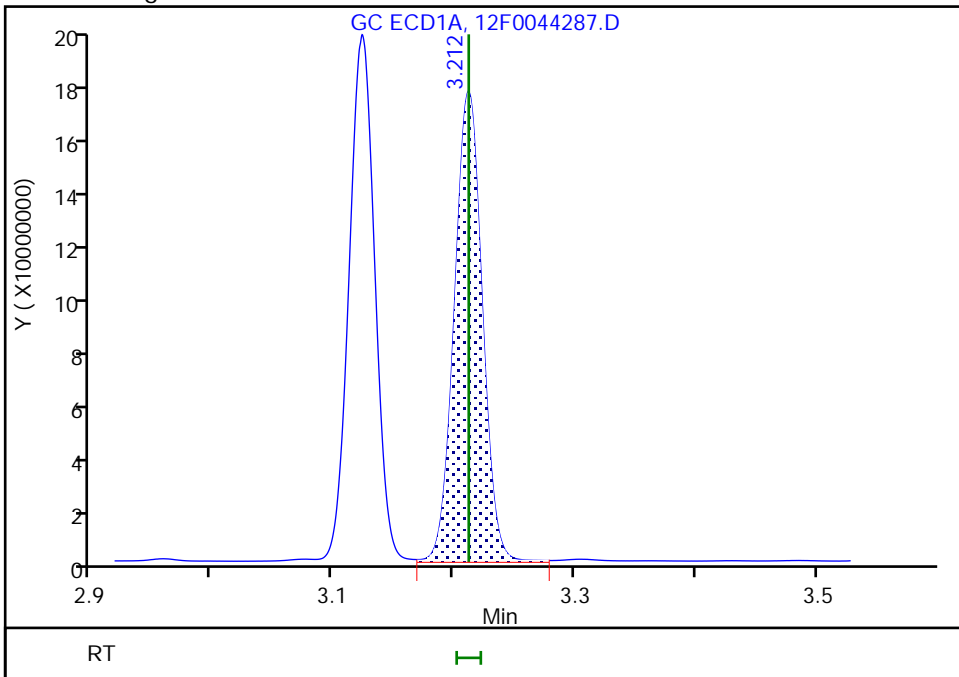
RT: 3.21
Area: 278297971
Amount: 108.4627
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 279791654
Amount: 109.0449
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:02:02
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

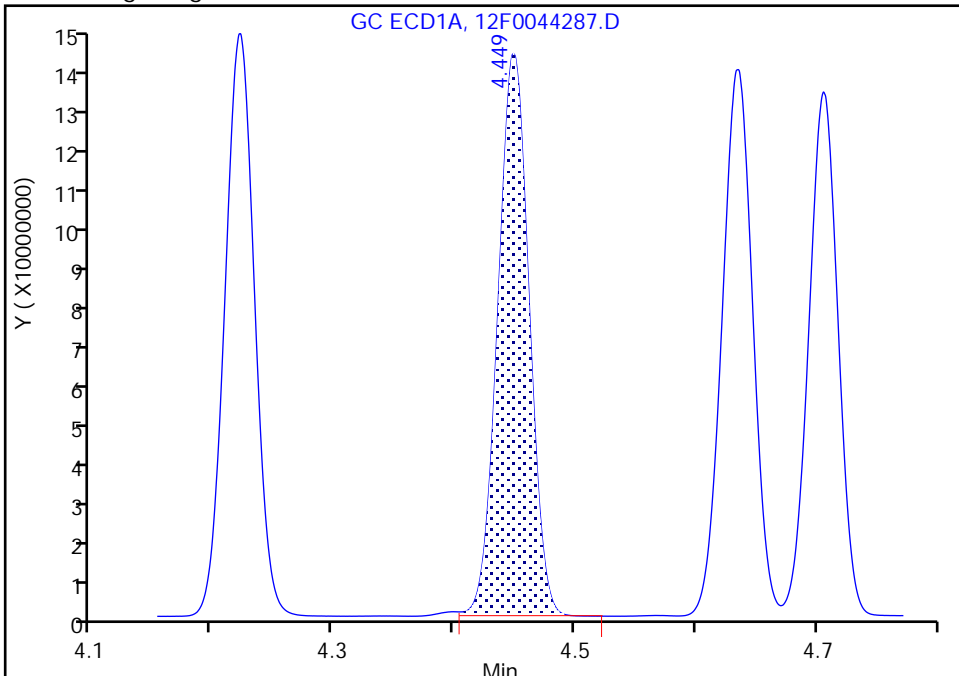
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Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

9 trans-Chlordane, CAS: 5103-74-2

Signal: 1

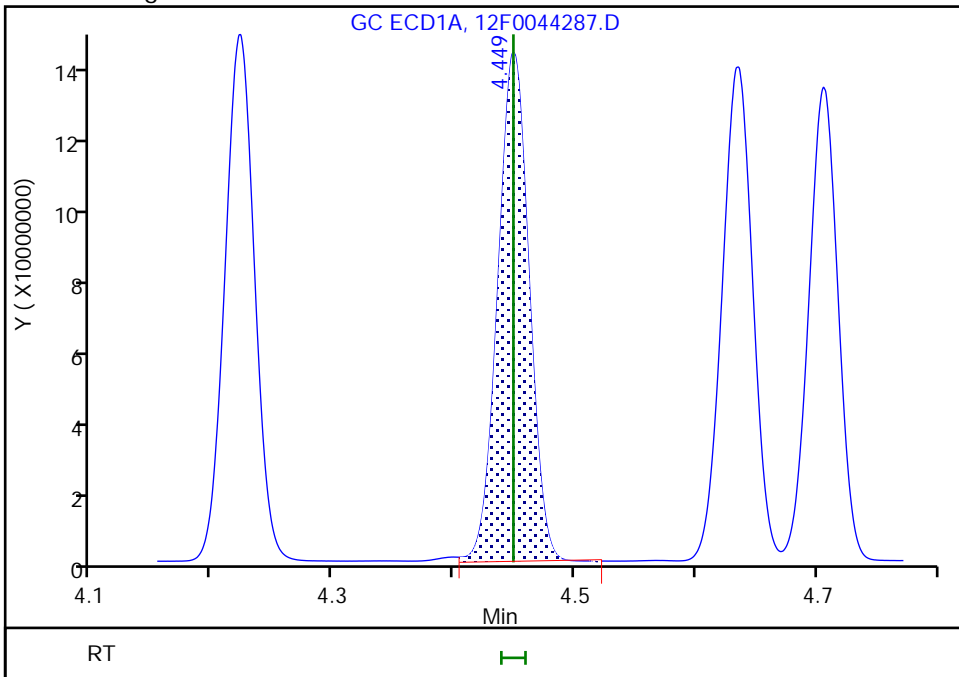
RT: 4.45
Area: 252017701
Amount: 111.4753
Amount Units: ug/l

Processing Integration Results



RT: 4.45
Area: 252552334
Amount: 111.7118
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:19
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

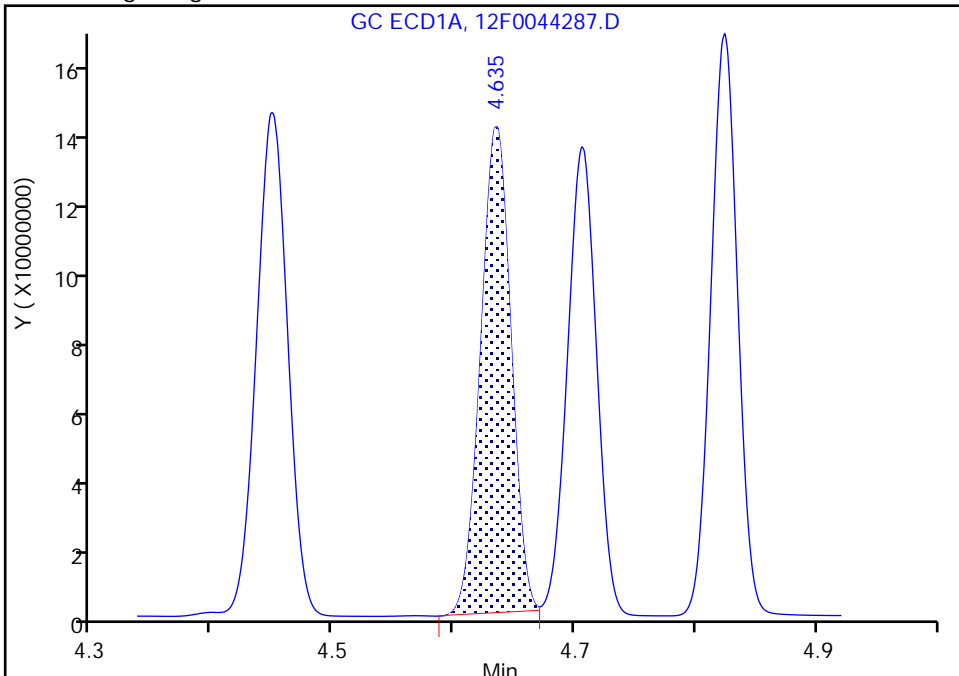
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Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

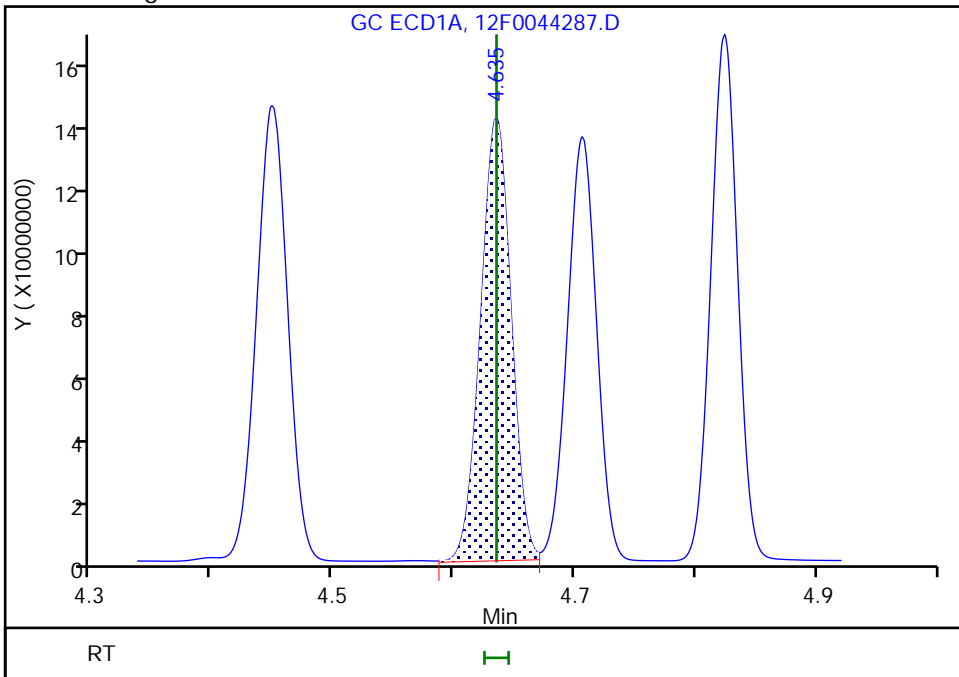
RT: 4.64
Area: 236038627
Amount: 107.4164
Amount Units: ug/l

Processing Integration Results



RT: 4.64
Area: 240671230
Amount: 109.5246
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:19
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

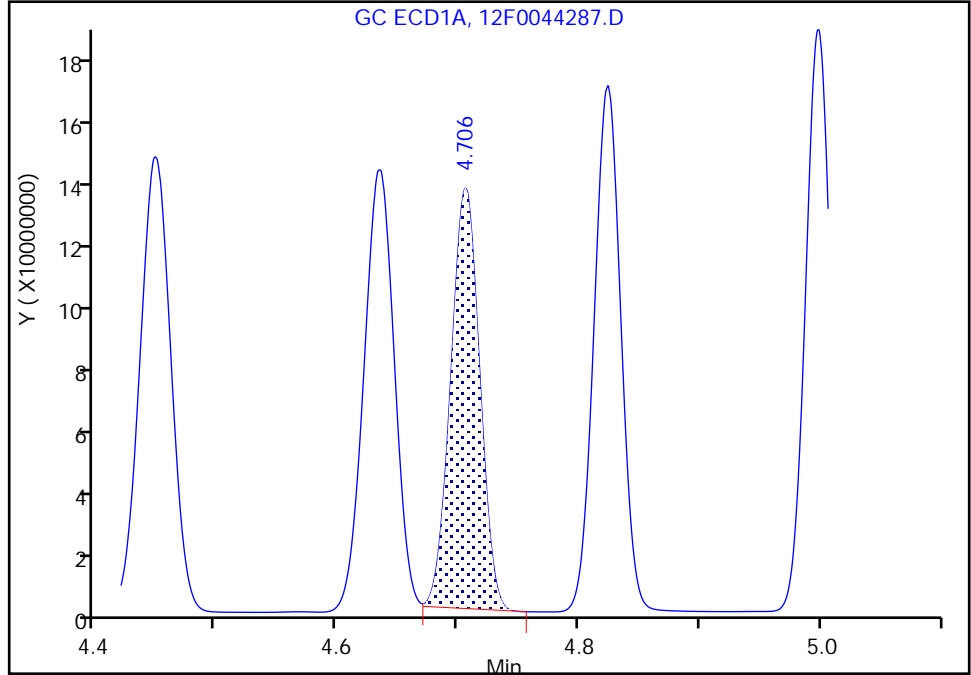
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8

Signal: 1

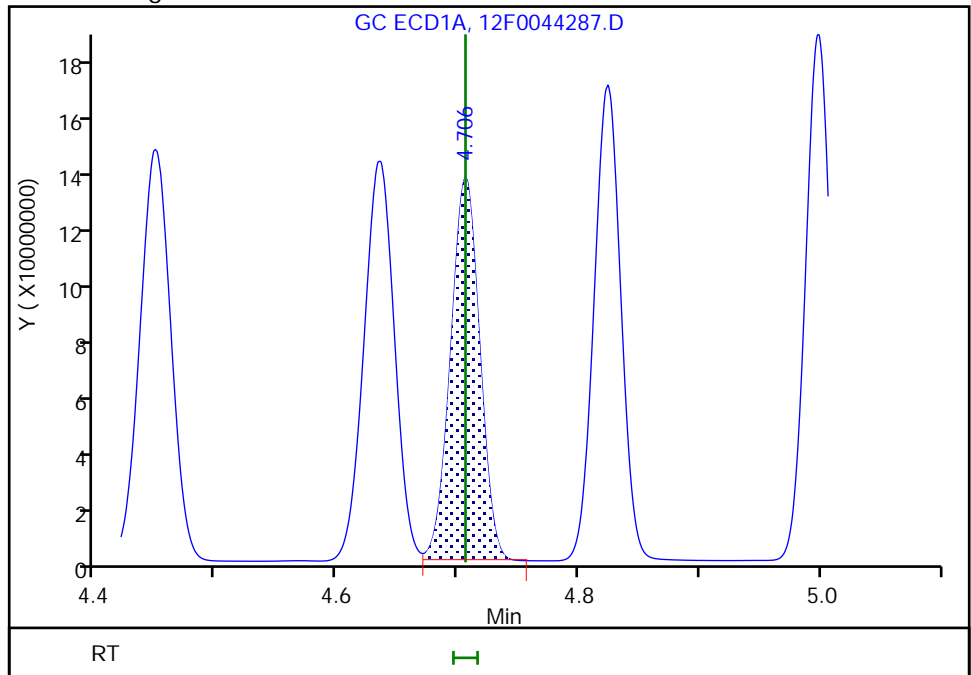
RT: 4.71
Area: 215774382
Amount: 104.0456
Amount Units: ug/l

Processing Integration Results



RT: 4.71
Area: 220584623
Amount: 106.3651
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:19
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

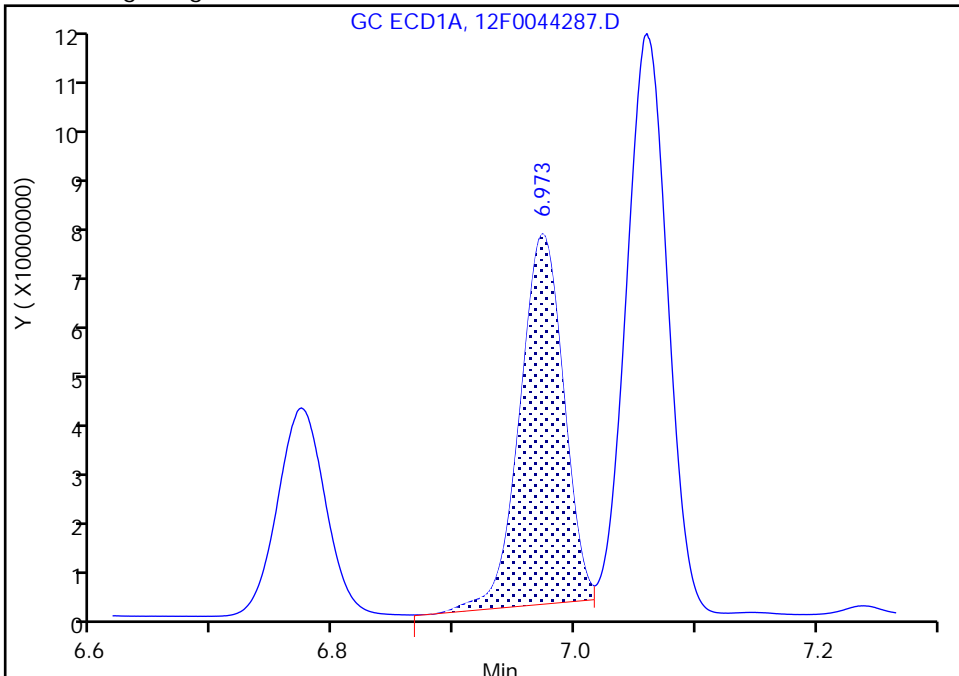
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

34 Mirex, CAS: 2385-85-5

Signal: 1

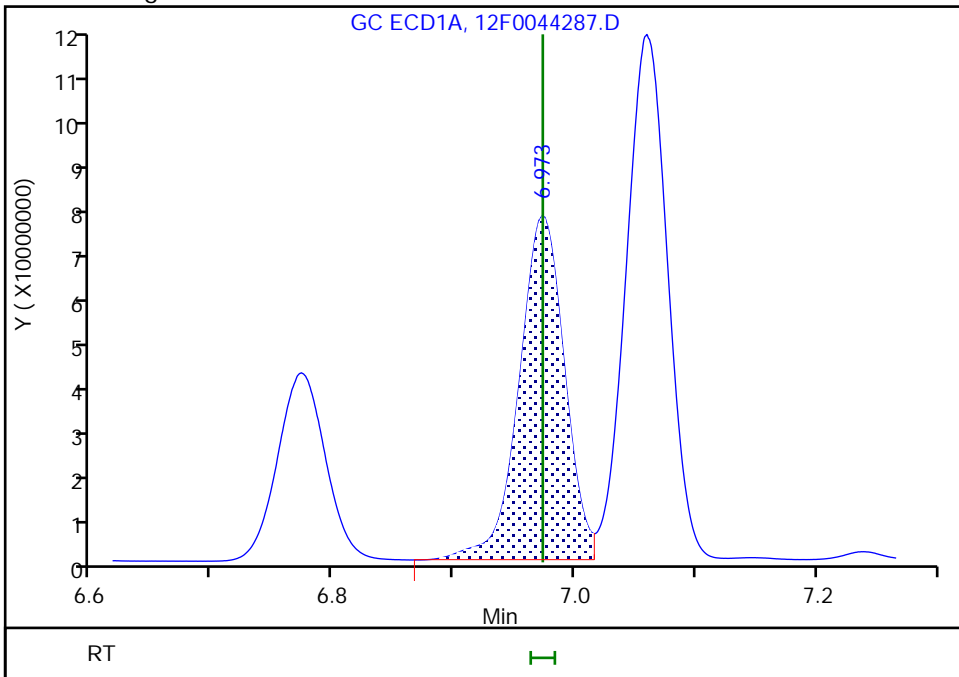
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Amount: 108.7349
Amount Units: ug/l

Processing Integration Results



RT: 6.97
Area: 186899480
Amount: 116.1397
Amount Units: ug/l

Manual Integration Results



Reviewer: ESS0, 15-Dec-2022 04:01:21
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Eurofins Edison

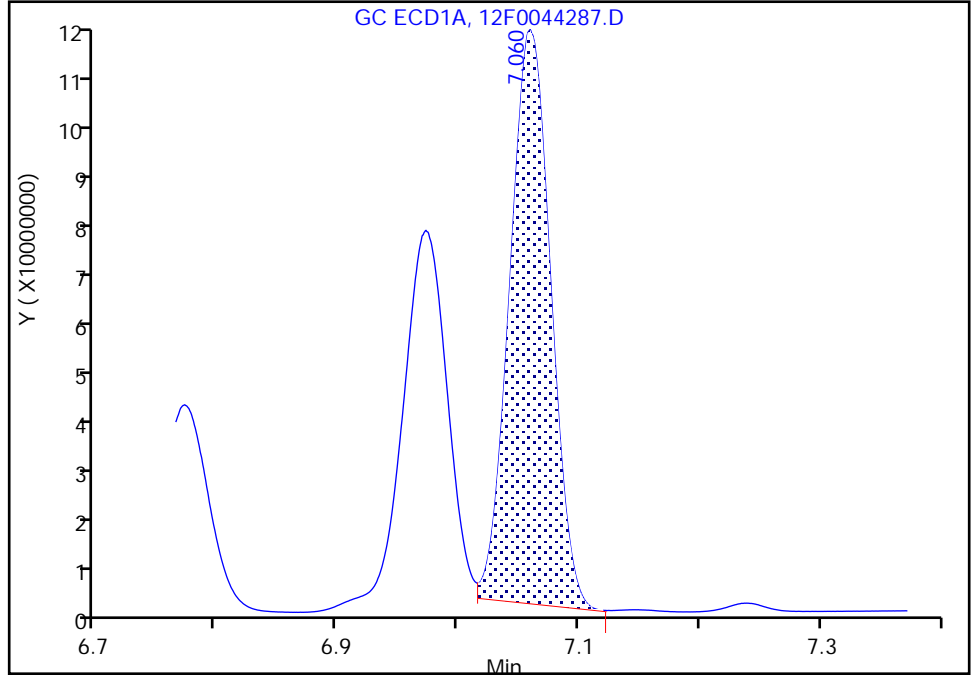
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Injection Date: 15-Dec-2022 03:05:30 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5

Signal: 1

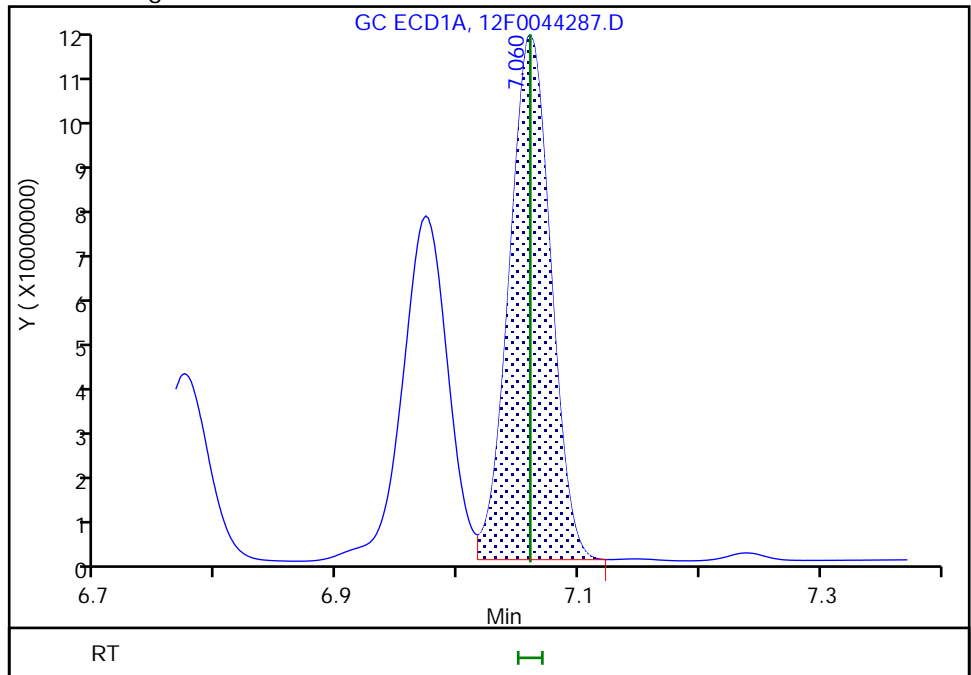
RT: 7.06
Area: 250998427
Amount: 118.8124
Amount Units: ug/l

Processing Integration Results



RT: 7.06
Area: 259955418
Amount: 123.0523
Amount Units: ug/l

Manual Integration Results



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883285/3 Calibration Date: 12/15/2022 03:05
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: Rtx-CLP ID: 0.53 (mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044287.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.805	1.880		104	100	4.1	20.0
gamma-BHC (Lindane)	Ave	1.664	1.668		100	100	0.3	20.0
beta-BHC	Lin		0.6514		93.5	100	-6.5	20.0
delta-BHC	Ave	1.552	1.654		107	100	6.6	20.0
Heptachlor	Ave	1.599	1.521		95.2	100	-4.8	20.0
Aldrin	Ave	1.594	1.534		96.3	100	-3.7	20.0
Heptachlor epoxide	Ave	1.438	1.344		93.5	100	-6.5	20.0
trans-Chlordane	Ave	1.504	1.392		92.5	100	-7.5	20.0
cis-Chlordane	Ave	1.435	1.301		90.7	100	-9.3	20.0
4,4'-DDE	Ave	1.488	1.339		89.9	100	-10.1	20.0
Endosulfan I	Ave	1.329	1.230		92.6	100	-7.4	20.0
Dieldrin	Ave	1.453	1.348		92.8	100	-7.2	20.0
Endrin	Ave	1.383	1.213		87.7	100	-12.3	20.0
4,4'-DDD	Ave	1.195	1.133		94.8	100	-5.2	20.0
Endosulfan II	Ave	1.205	1.136		94.3	100	-5.7	20.0
4,4'-DDT	Ave	1.225	1.010		82.5	100	-17.5	20.0
Endrin aldehyde	Ave	1.044	0.9382		89.9	100	-10.1	20.0
Methoxychlor	Ave	0.6747	0.5162		76.5	100	-23.5*	20.0
Mirex	Ave	0.9893	0.8641		87.3	100	-12.7	20.0
Endosulfan sulfate	Ave	1.143	1.020		89.2	100	-10.8	20.0
Endrin ketone	Ave	1.259	1.361		108	100	8.1	20.0
Tetrachloro-m-xylene	Ave	1.279	1.389		109	100	8.6	20.0
DCB Decachlorobiphenyl	Ave	1.232	1.117		90.7	100	-9.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-883285/3 Calibration Date: 12/15/2022 03:05
 Instrument ID: CPESTGC12 Calib Start Date: 06/23/2022 11:07
 GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/23/2022 11:57
 Lab File ID: 12F0044287.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.15	2.14	2.16
gamma-BHC (Lindane)	2.34	2.33	2.35
beta-BHC	2.39	2.38	2.40
delta-BHC	2.52	2.51	2.53
Heptachlor	2.67	2.66	2.68
Aldrin	2.91	2.90	2.92
Heptachlor epoxide	3.47	3.46	3.48
trans-Chlordane	3.61	3.60	3.62
cis-Chlordane	3.75	3.74	3.76
4,4'-DDE	3.84	3.83	3.85
Endosulfan I	3.91	3.90	3.92
Dieldrin	4.16	4.15	4.17
Endrin	4.42	4.41	4.43
4,4'-DDD	4.51	4.50	4.52
Endosulfan II	4.69	4.68	4.70
4,4'-DDT	4.83	4.82	4.84
Endrin aldehyde	5.11	5.10	5.12
Methoxychlor	5.31	5.30	5.32
Mirex	5.39	5.38	5.40
Endosulfan sulfate	5.51	5.50	5.52
Endrin ketone	5.79	5.78	5.80
Tetrachloro-m-xylene	1.84	1.83	1.85
DCB Decachlorobiphenyl	7.34	7.33	7.35

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 15-Dec-2022 03:05:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-003
 Operator ID: Instrument ID: CPESTGC12
 Sublist: chrom-GC8081*sub1
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:17 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 04:02:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.556	1.556	0.000	176933150	100.0	100.0	
2	1.482	1.482	0.000	338389171	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.075	2.075	0.000	238350791	100.0	113.6	M
2	1.838	1.838	0.000	469892012	100.0	108.6	
							RPD = 4.56

15 alpha-BHC

1	2.496	2.496	0.000	332182300	100.0	109.3	
2	2.148	2.148	0.000	636009293	100.0	104.1	
							RPD = 4.84

2 gamma-BHC (Lindane)

1	2.785	2.785	0.000	298900763	100.0	111.3	M
2	2.344	2.344	0.000	564423741	100.0	100.3	
							RPD = 10.47

6 beta-BHC

1	2.841	2.841	0.000	125991745	100.0	121.0	M
2	2.394	2.394	0.000	220443253	100.0	93.5	
							RPD = 25.65

32 delta-BHC

1	3.124	3.124	0.000	290544431	100.0	111.1	M
2	2.520	2.520	0.000	559729382	100.0	106.6	
							RPD = 4.16

18 Heptachlor

1	3.212	3.212	0.000	279791654	100.0	109.0	M
2	2.673	2.673	0.000	514771649	100.0	95.2	
							RPD = 13.59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.573	3.573	0.000	281048549	100.0	112.3	
2	2.912	2.912	0.000	519165952	100.0	96.3	
						RPD = 15.39	
12 Heptachlor epoxide							
1	4.223	4.223	0.000	248615839	100.0	110.6	
2	3.474	3.474	0.000	454945434	100.0	93.5	
						RPD = 16.75	
9 trans-Chlordane							
1	4.449	4.449	0.000	252552334	100.0	111.7	M
2	3.607	3.607	0.000	470883389	100.0	92.5	M
						RPD = 18.81	
23 cis-Chlordane							
1	4.635	4.635	0.000	240671230	100.0	109.5	M
2	3.754	3.754	0.000	440340823	100.0	90.7	M
						RPD = 18.83	
7 Endosulfan I							
1	4.706	4.706	0.000	220584623	100.0	106.4	M
2	3.906	3.906	0.000	416378901	100.0	92.6	M
						RPD = 13.86	
25 4,4'-DDE							
1	4.824	4.824	0.000	251144503	100.0	109.0	
2	3.836	3.836	0.000	452981371	100.0	89.9	
						RPD = 19.13	
30 Dieldrin							
1	4.998	4.998	0.000	261254535	100.0	107.4	
2	4.160	4.160	0.000	455987049	100.0	92.8	
						RPD = 14.65	
20 Endrin							
1	5.289	5.289	0.000	233180491	100.0	101.0	
2	4.421	4.421	0.000	410355630	100.0	87.7	
						RPD = 14.16	
16 4,4'-DDD							
1	5.400	5.400	0.000	222688766	100.0	110.8	
2	4.508	4.508	0.000	383501343	100.0	94.8	
						RPD = 15.53	
11 Endosulfan II							
1	5.489	5.489	0.000	230260465	100.0	112.9	
2	4.688	4.688	0.000	384578167	100.0	94.3	
						RPD = 17.92	
21 4,4'-DDT							
1	5.734	5.734	0.000	193122761	100.0	96.7	
2	4.829	4.829	0.000	341779341	100.0	82.5	
						RPD = 15.87	
5 Endrin aldehyde							
1	5.862	5.862	0.000	182945052	100.0	109.6	
2	5.111	5.111	0.000	317462866	100.0	89.9	
						RPD = 19.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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3 Endosulfan sulfate

1	6.230	6.230	0.000	217978146	100.0	112.3	
2	5.509	5.509	0.000	345054837	100.0	89.2	
							RPD = 22.89

10 Methoxychlor

1	6.773	6.773	0.000	107904154	100.0	95.3	
2	5.312	5.312	0.000	174662794	100.0	76.5	
							RPD = 21.91

34 Mirex

1	6.973	6.973	0.000	186899480	100.0	116.1	M
2	5.390	5.390	0.000	292394151	100.0	87.3	
							RPD = 28.30

13 Endrin ketone

1	7.060	7.060	0.000	259955418	100.0	123.1	M
2	5.791	5.791	0.000	460709875	100.0	108.1	
							RPD = 12.94

\$ 24 DCB Decachlorobiphenyl

1	8.337	8.337	0.000	211409300	100.0	114.7	
2	7.336	7.336	0.000	378129717	100.0	90.7	
							RPD = 23.39

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00042

Amount Added: 1.00

Units: mL

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044287.D

Injection Date: 15-Dec-2022 03:05:30

Instrument ID: CPESTGC12

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

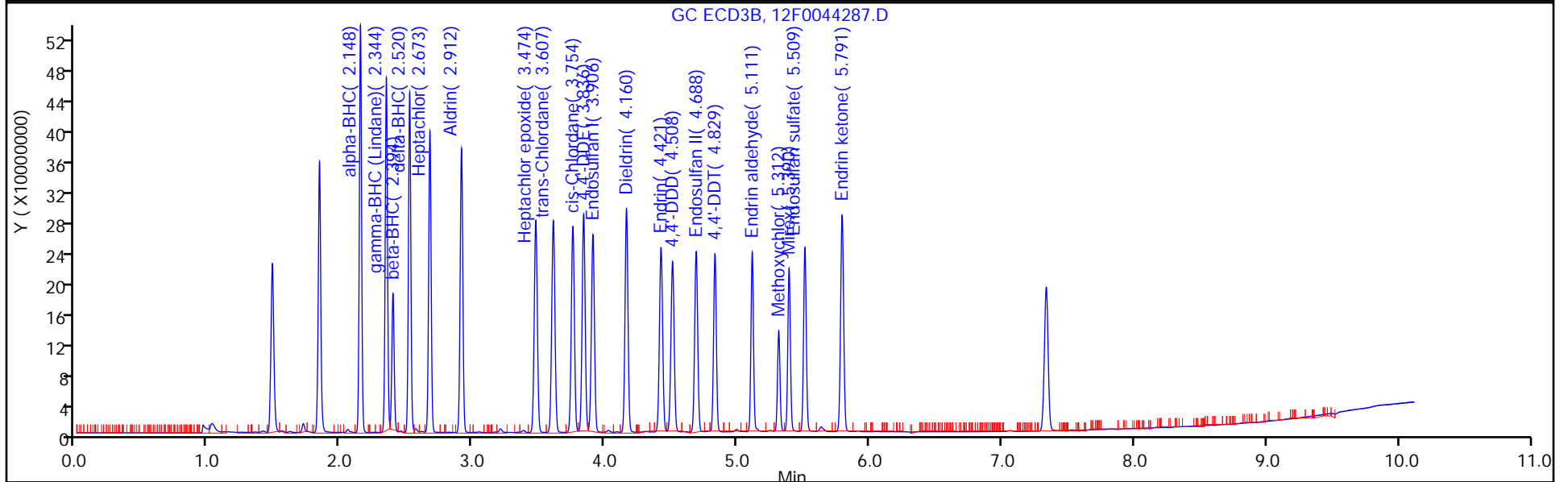
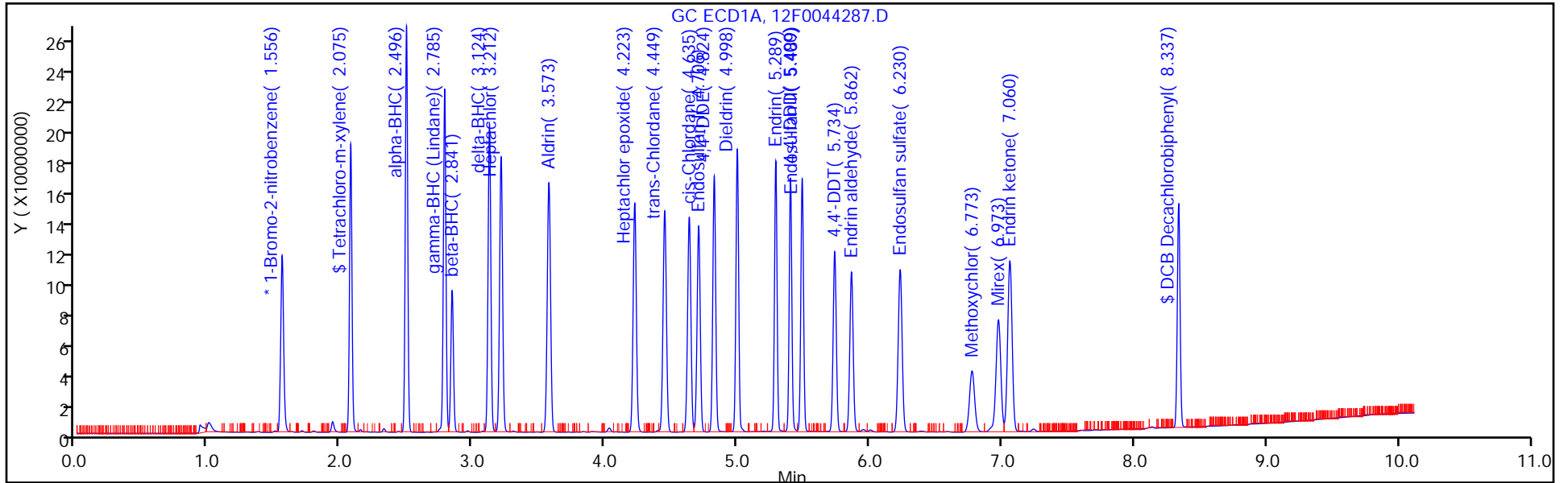
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: GC8081

Limit Group: GC 8081B PEST ISTD



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-883205/1-A
 Matrix: Solid Lab File ID: 12F0044293.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00(g) Date Analyzed: 12/15/2022 04:19
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.0067	U	0.0067	0.0012
72-54-8	4,4'-DDD	0.0067	U	0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		43-150
877-09-8	Tetrachloro-m-xylene	92		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
 Lims ID: MB 460-883205/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 15-Dec-2022 04:19:24 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-009
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 05:23:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.555	1.556	-0.001	145436866	100.0	100.0	
2	1.481	1.482	-0.001	269364865	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.074	2.075	-0.001	79081524	50.0	45.9	
2	1.837	1.838	-0.001	138401500	50.0	40.2	
							RPD = 13.24

\$ 24 DCB Decachlorobiphenyl

1	8.338	8.337	0.001	72672896	50.0	48.0	
2	7.333	7.336	-0.003	136493654	50.0	41.1	
							RPD = 15.37

Reagents:

SGPESTISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D

Injection Date: 15-Dec-2022 04:19:24

Instrument ID: CPESTGC12

Operator ID:

Lims ID: MB 460-883205/1-A

Worklist Smp#: 9

Client ID:

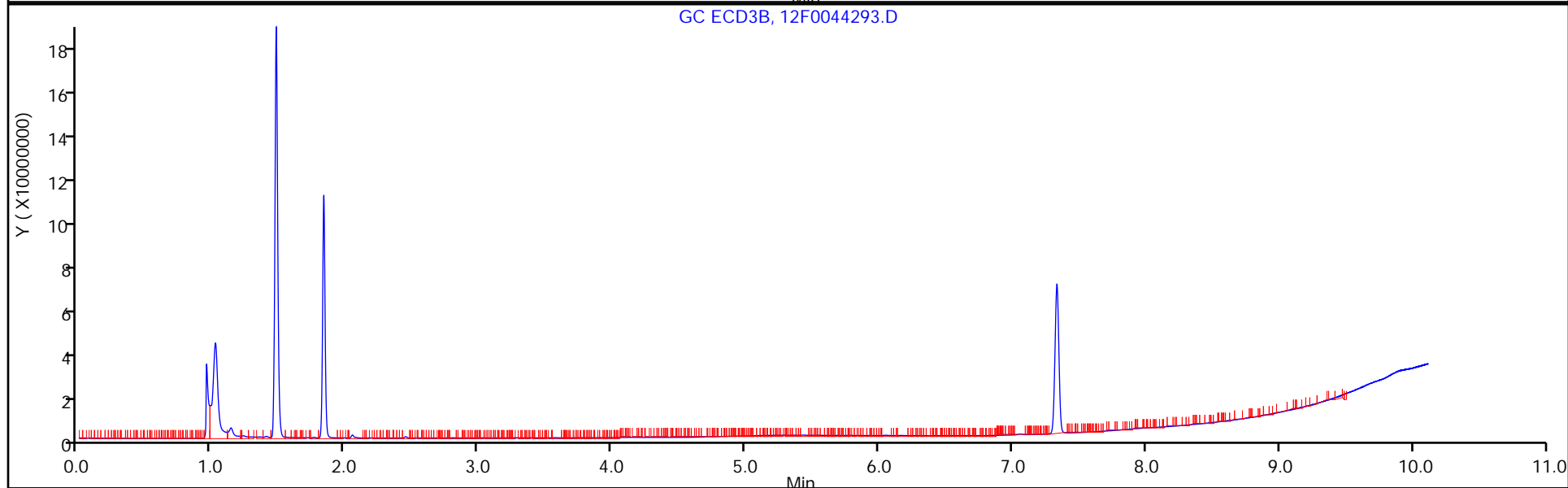
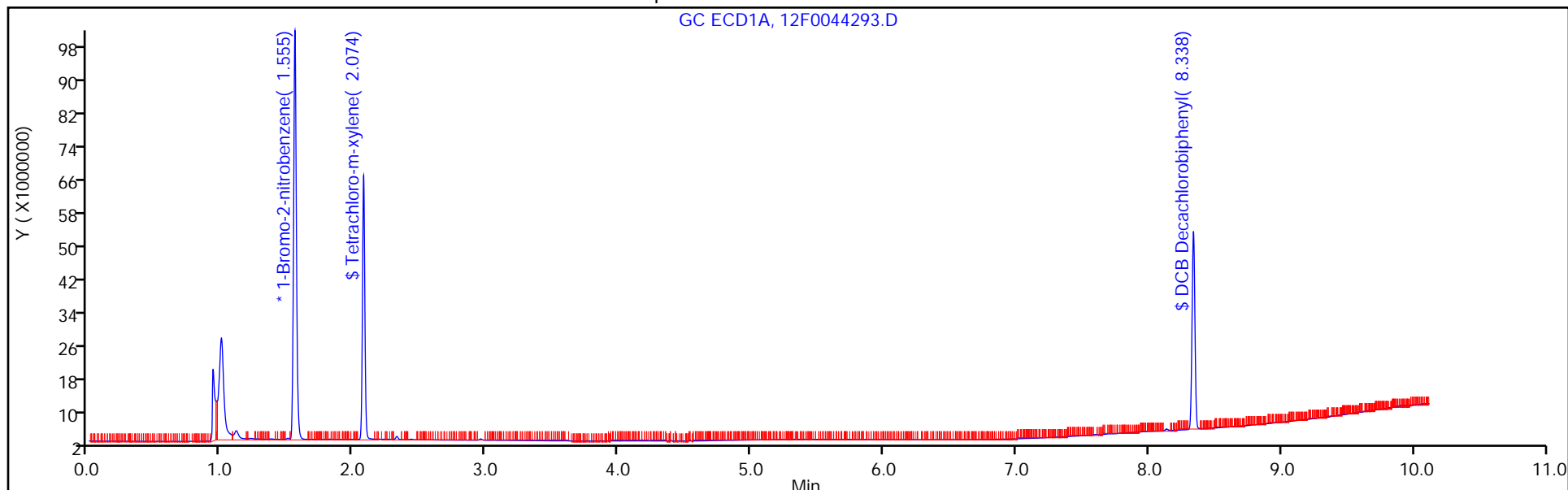
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
 Lims ID: MB 460-883205/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 15-Dec-2022 04:19:24 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-009
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659
 First Level Reviewer: ESS0 Date: 15-Dec-2022 05:23:40

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	45.9	91.73
\$ 24 DCB Decachlorobiphenyl	50.0	48.0	95.94

Surrogate Recovery, Detector: GC ECD2B

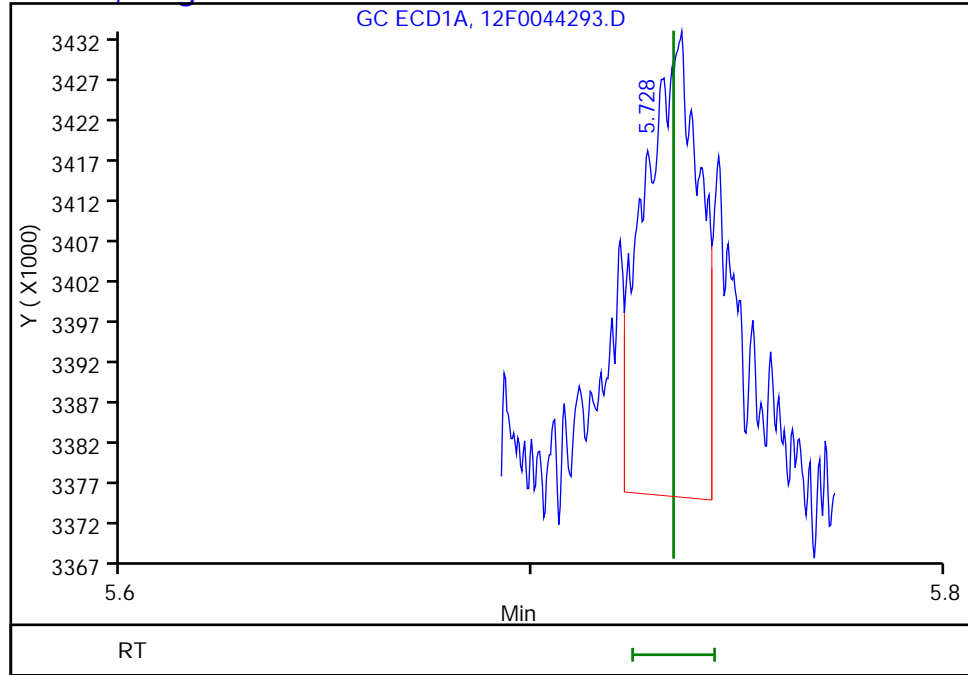
Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	40.2	80.34
\$ 24 DCB Decachlorobiphenyl	50.0	41.1	82.24

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
Injection Date: 15-Dec-2022 04:19:24 Instrument ID: CPESTGC12
Lims ID: MB 460-883205/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

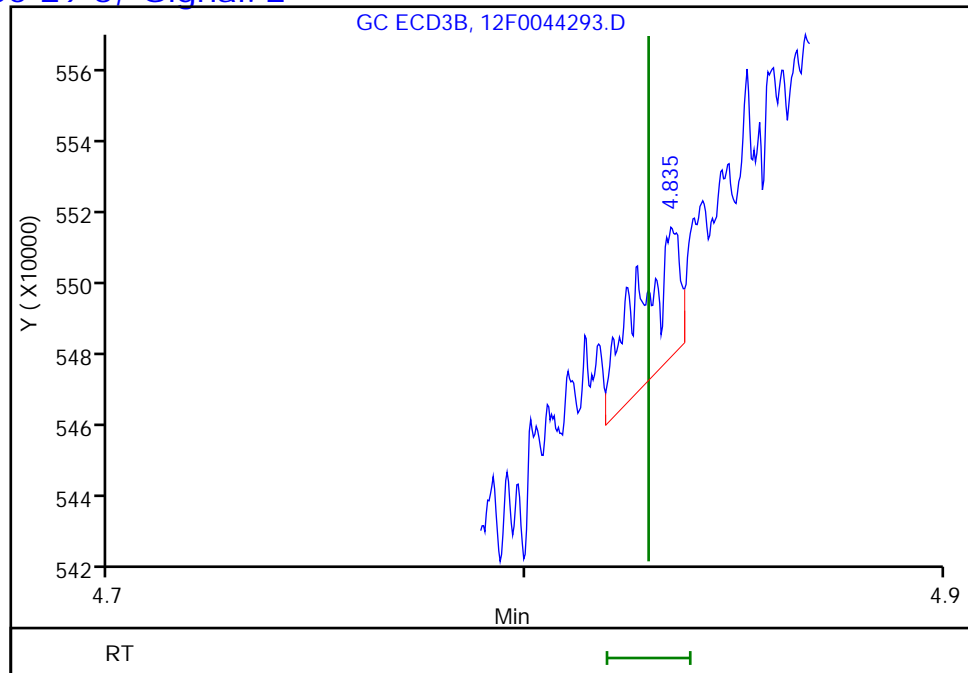
RT: 5.73
Response: 53260
Amount: 0.032434



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.83
Response: 26701
Amount: 0.008092



Reviewer: ESS0, 15-Dec-2022 05:23:40
Audit Action: Marked Compound Undetected

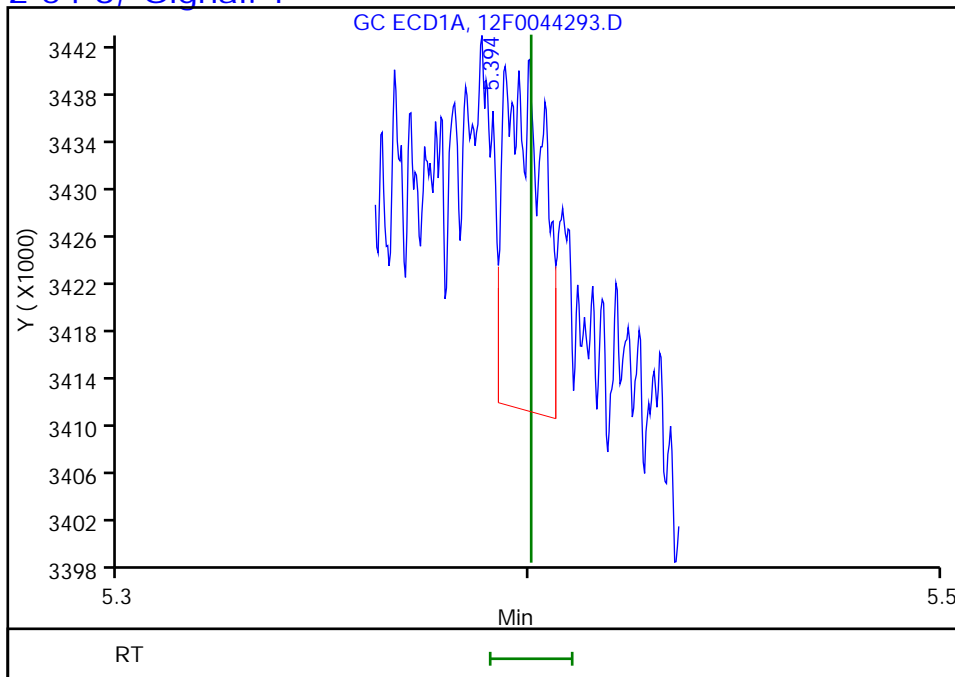
Audit Reason: Invalid Compound ID

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D		
Injection Date:	15-Dec-2022 04:19:24	Instrument ID:	CPESTGC12
Lims ID:	MB 460-883205/1-A		
Client ID:			
Operator ID:	ALS Bottle#:	9	Worklist Smp#: 9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD
Column:	Detector	GC ECD1A	

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

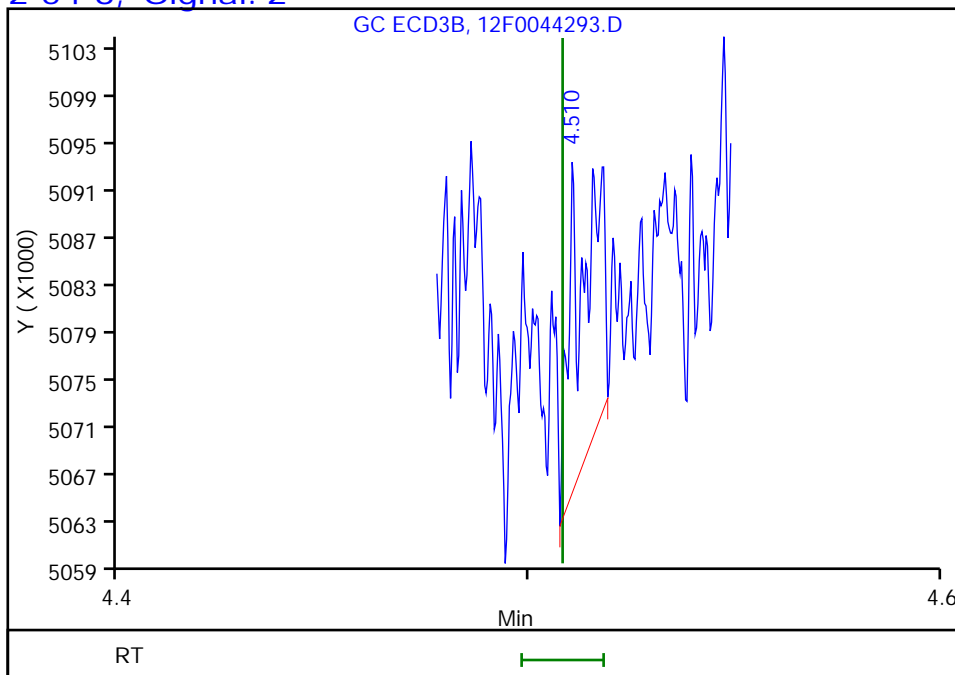
RT: 5.39
 Response: 18498
 Amount: 0.011199



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.51
 Response: 10459
 Amount: 0.003249



Reviewer: ESS0, 15-Dec-2022 05:23:40
 Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-883205/1-A
 Matrix: Solid Lab File ID: 12F0044293.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00(g) Date Analyzed: 12/15/2022 04:19
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.0067	U	0.0067	0.0012
72-54-8	4,4'-DDD	0.0067	U	0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		43-150
877-09-8	Tetrachloro-m-xylene	80		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
 Lims ID: MB 460-883205/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 15-Dec-2022 04:19:24 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-009
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

First Level Reviewer: ESS0 Date: 15-Dec-2022 05:23:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

* 37 1-Bromo-2-nitrobenzene

1	1.555	1.556	-0.001	145436866	100.0	100.0	
2	1.481	1.482	-0.001	269364865	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.074	2.075	-0.001	79081524	50.0	45.9	
2	1.837	1.838	-0.001	138401500	50.0	40.2	
							RPD = 13.24

\$ 24 DCB Decachlorobiphenyl

1	8.338	8.337	0.001	72672896	50.0	48.0	
2	7.333	7.336	-0.003	136493654	50.0	41.1	
							RPD = 15.37

Reagents:

SGPESTISTD_00019 Amount Added: 20.00 Units: uL Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D

Injection Date: 15-Dec-2022 04:19:24

Instrument ID: CPESTGC12

Operator ID:

Lims ID: MB 460-883205/1-A

Worklist Smp#: 9

Client ID:

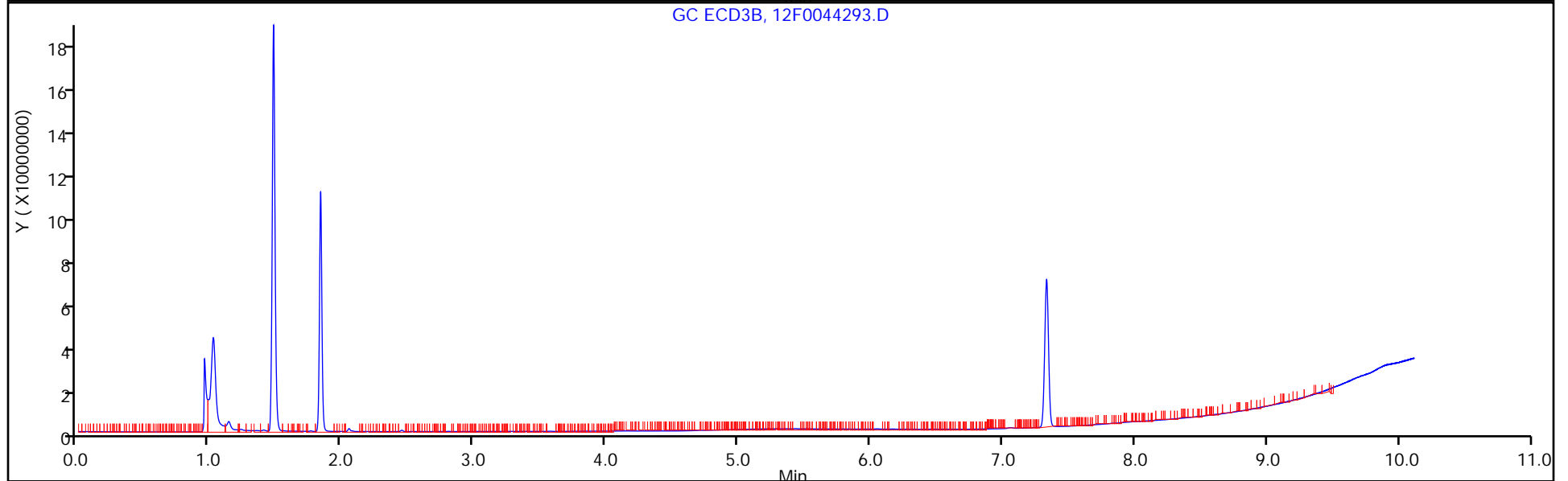
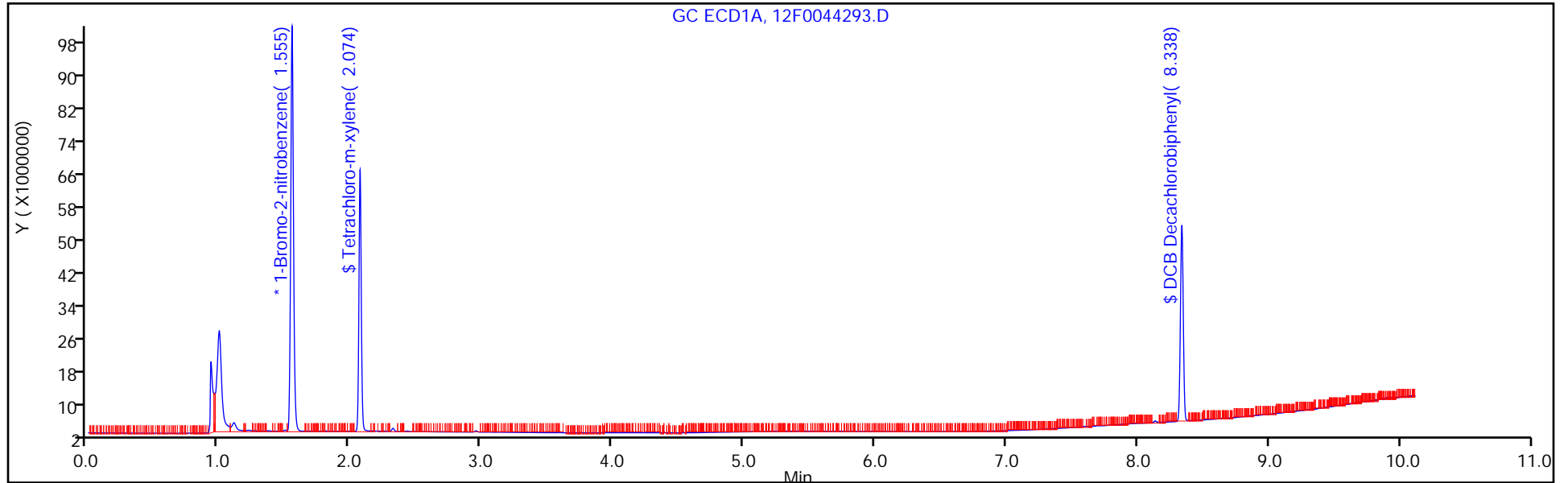
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
 Lims ID: MB 460-883205/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 15-Dec-2022 04:19:24 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-009
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659
 First Level Reviewer: ESS0 Date: 15-Dec-2022 05:23:40

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	45.9	91.73
\$ 24 DCB Decachlorobiphenyl	50.0	48.0	95.94

Surrogate Recovery, Detector: GC ECD2B

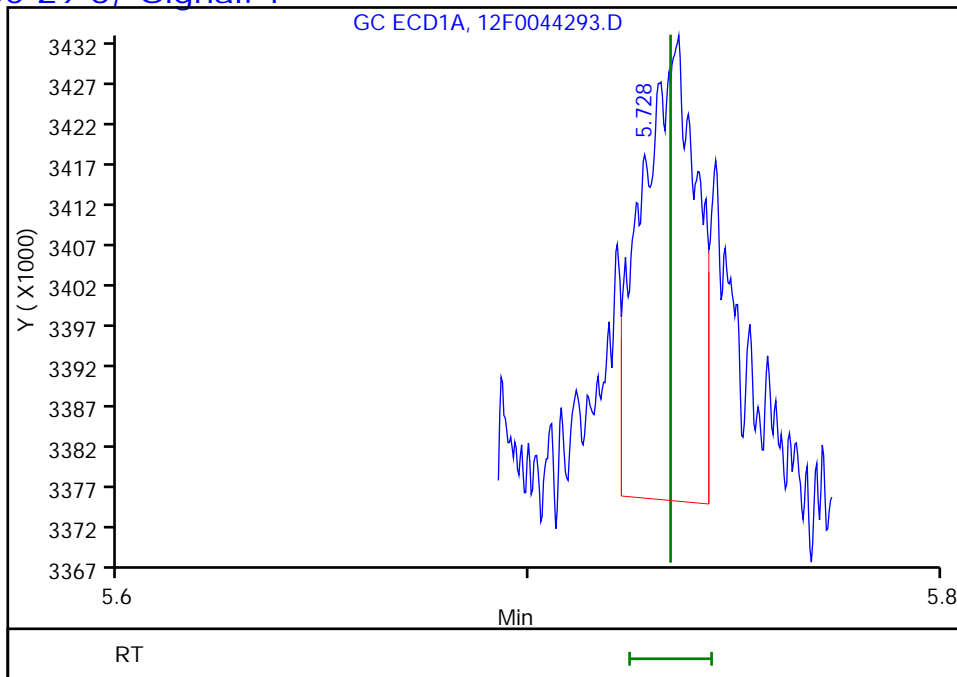
Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	40.2	80.34
\$ 24 DCB Decachlorobiphenyl	50.0	41.1	82.24

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
Injection Date: 15-Dec-2022 04:19:24 Instrument ID: CPESTGC12
Lims ID: MB 460-883205/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

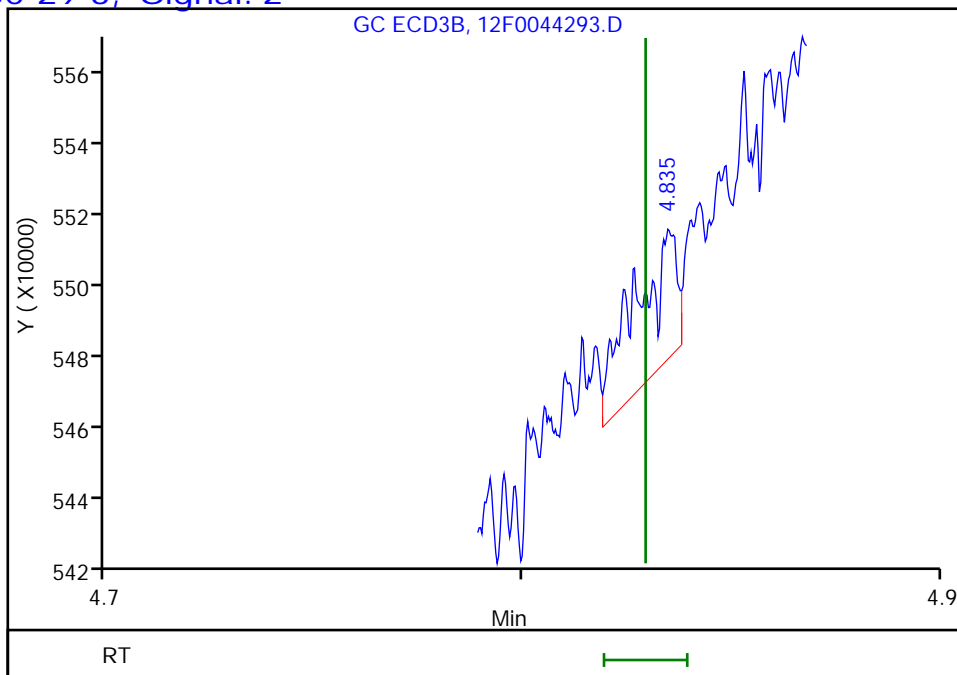
RT: 5.73
Response: 53260
Amount: 0.032434



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.83
Response: 26701
Amount: 0.008092



Reviewer: ESS0, 15-Dec-2022 05:23:40
Audit Action: Marked Compound Undetected

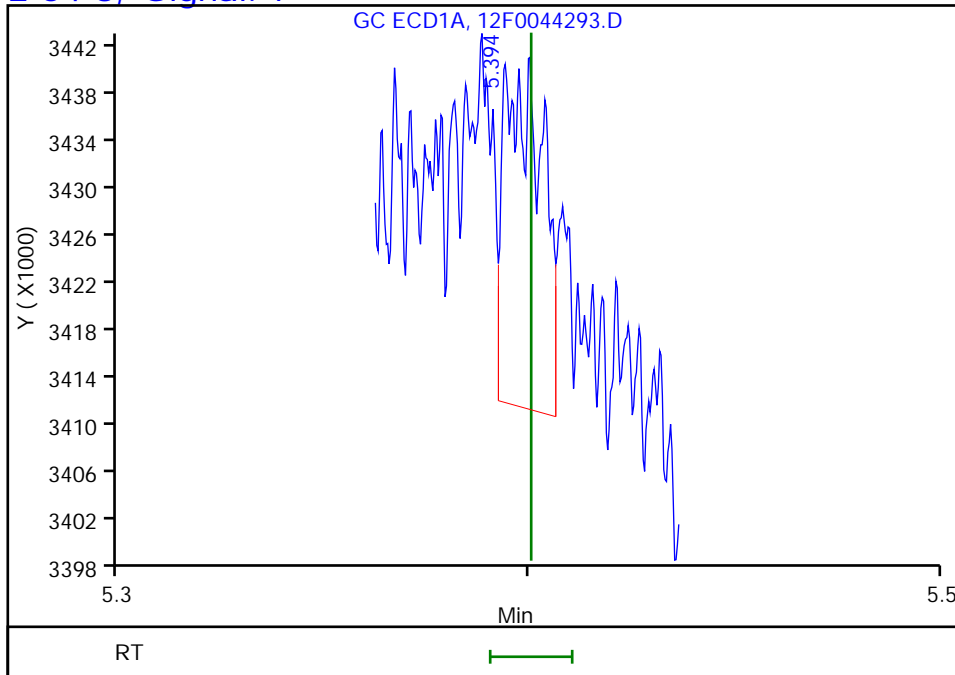
Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044293.D
Injection Date: 15-Dec-2022 04:19:24 Instrument ID: CPESTGC12
Lims ID: MB 460-883205/1-A
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

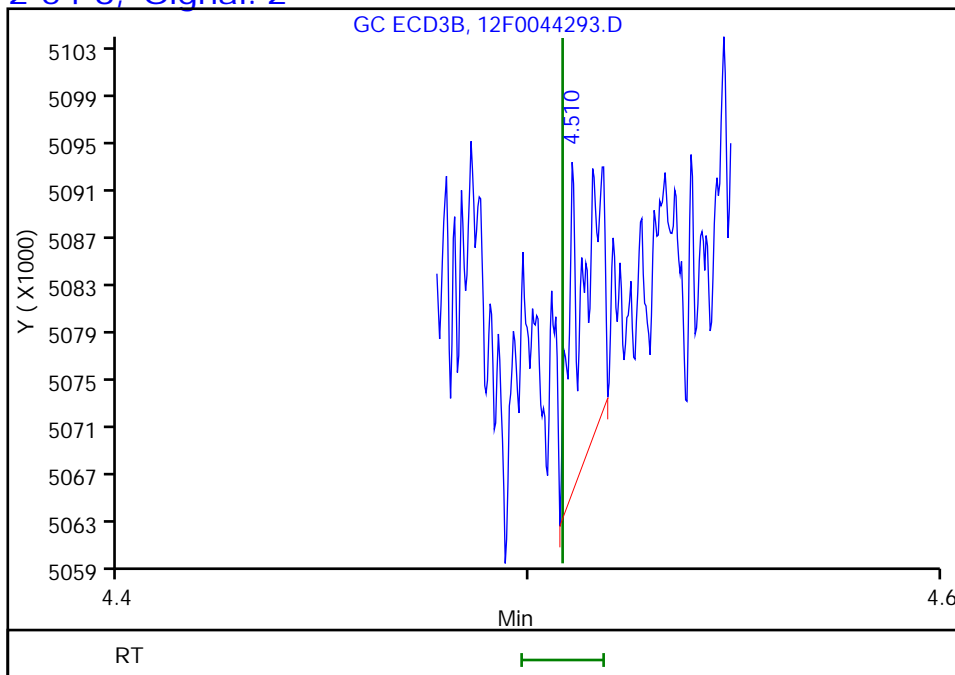
RT: 5.39
Response: 18498
Amount: 0.011199



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.51
Response: 10459
Amount: 0.003249



Reviewer: ESS0, 15-Dec-2022 05:23:40
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-883285/1
 Matrix: Solid Lab File ID: 12F0044285.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/15/2022 02:40
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*	43-150
877-09-8	Tetrachloro-m-xylene	105		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 15-Dec-2022 02:40:57 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PIBLK
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.560	1.556	0.004	144038147	100.0	100.0	
2	1.483	1.482	0.001	272087510	100.0	100.0	
						RPD = 0.00	

\$ 4 Tetrachloro-m-xylene

1	2.081	2.075	0.006	35707283	20.0	20.9	
2	1.839	1.838	0.001	62669118	20.0	18.0	
						RPD = 14.92	

38 Chlordane (n.o.s.)

1	3.065	3.070	-0.005	7627		0.1565	
1	3.739	3.739	0.000	3037		0.0588	
1	4.446	4.454	-0.008	16261		0.0969	
1	4.577	4.574	0.003	3006		0.0160	
1	4.638	4.640	-0.002	2545		0.0195	
Average of Peak Amounts =						0.0695	
2	0.000	2.616	-2.616	0		0	
2	3.028	3.022	0.006	178758		1.60	
2	0.000	3.407	-3.407	0		0	
2	3.616	3.609	0.007	5295		0.0136	
2	3.740	3.739	0.001	8090		0.0121	
Average of Peak Amounts =						0.5429	
						RPD = 154.58	

LOD = 13.8

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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35 Kepone							
1	0.005	0.010	-0.005	10032			NR
36 Dechlorane Plus							
1	1.378	1.373	0.005	342896			NR

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SGPIBLK_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00019	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D

Injection Date: 15-Dec-2022 02:40:57

Instrument ID: CPESTGC12

Operator ID:

Lims ID: PIBLK

Worklist Smp#: 1

Client ID:

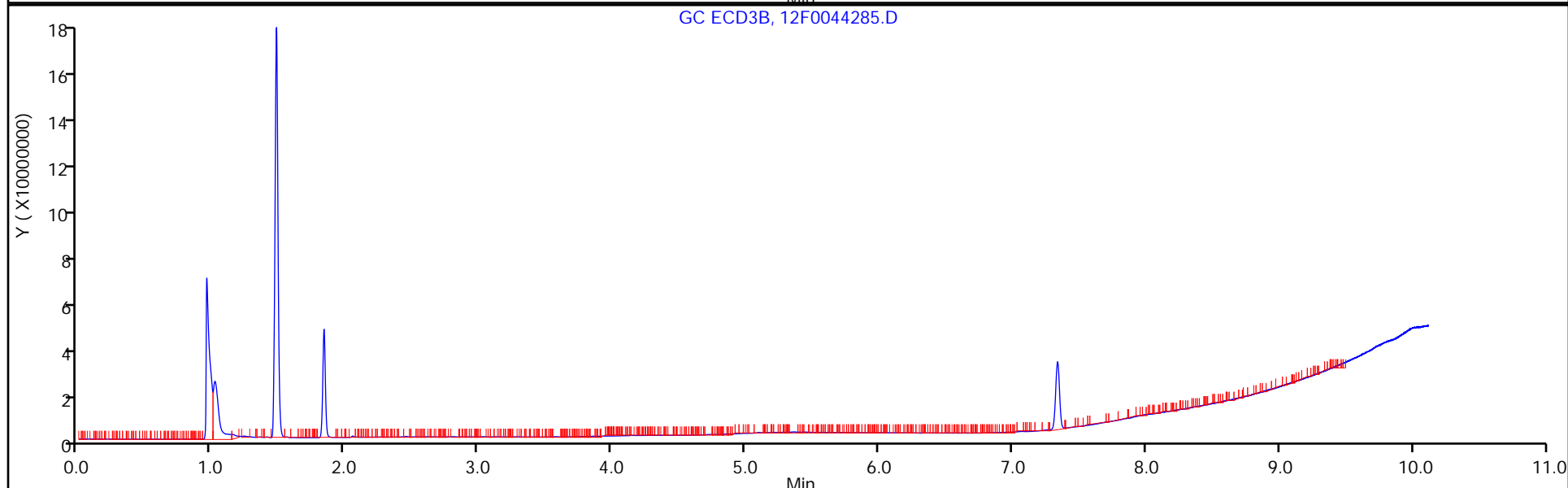
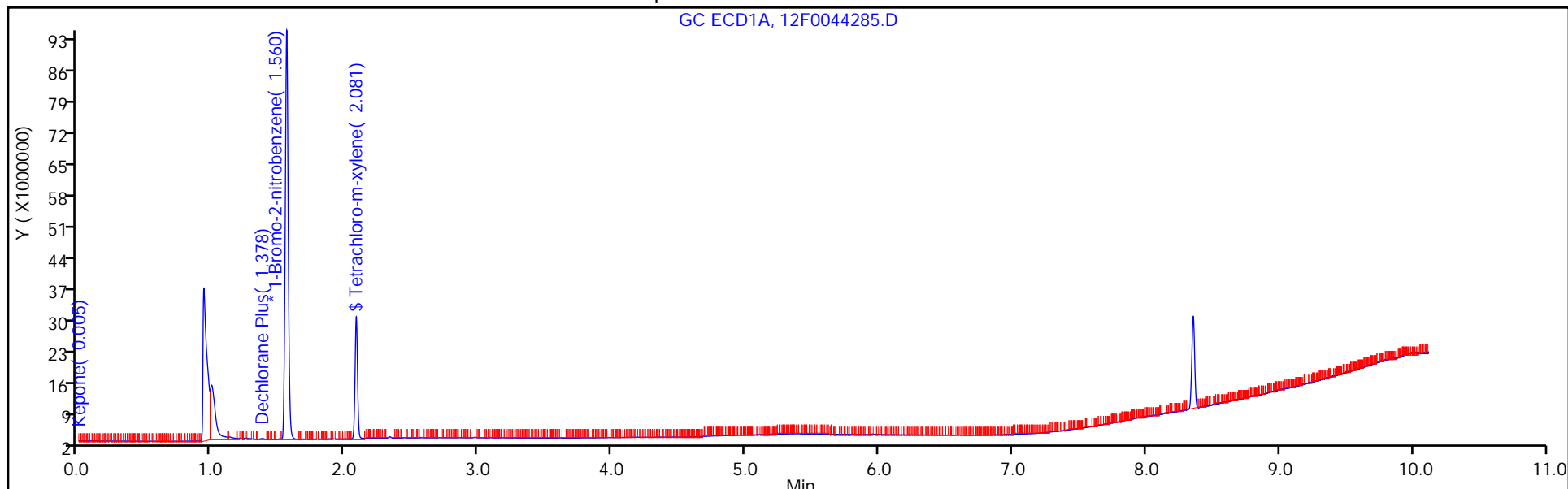
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 1

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 15-Dec-2022 02:40:57 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PIBLK
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	20.0	20.9	104.55

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	20.0	18.0	90.04

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-883285/1
 Matrix: Solid Lab File ID: 12F0044285.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/15/2022 02:40
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
72-54-8	4,4'-DDD	0.020	U	0.020	0.0060

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*	43-150
877-09-8	Tetrachloro-m-xylene	90		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 15-Dec-2022 02:40:57 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PIBLK
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene							
1	1.560	1.556	0.004	144038147	100.0	100.0	
2	1.483	1.482	0.001	272087510	100.0	100.0	
						RPD = 0.00	
\$ 4 Tetrachloro-m-xylene							
1	2.081	2.075	0.006	35707283	20.0	20.9	
2	1.839	1.838	0.001	62669118	20.0	18.0	
						RPD = 14.92	
38 Chlordane (n.o.s.)							
1	3.065	3.070	-0.005	7627		0.1565	
1	3.739	3.739	0.000	3037		0.0588	
1	4.446	4.454	-0.008	16261		0.0969	
1	4.577	4.574	0.003	3006		0.0160	
1	4.638	4.640	-0.002	2545		0.0195	
Average of Peak Amounts =						0.0695	
2	0.000	2.616	-2.616	0		0	
2	3.028	3.022	0.006	178758		1.60	
2	0.000	3.407	-3.407	0		0	
2	3.616	3.609	0.007	5295		0.0136	
2	3.740	3.739	0.001	8090		0.0121	
Average of Peak Amounts =						0.5429	
						RPD = 154.58	
LOD = 13.8							

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

35 Kepone							
1	0.005	0.010	-0.005	10032			NR
36 Dechlorane Plus							
1	1.378	1.373	0.005	342896			NR

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

7 - Failed Limit of Detection

Reagents:

SGPIBLK_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00019	Amount Added: 20.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D

Injection Date: 15-Dec-2022 02:40:57

Instrument ID: CPESTGC12

Operator ID:

Lims ID: PIBLK

Worklist Smp#: 1

Client ID:

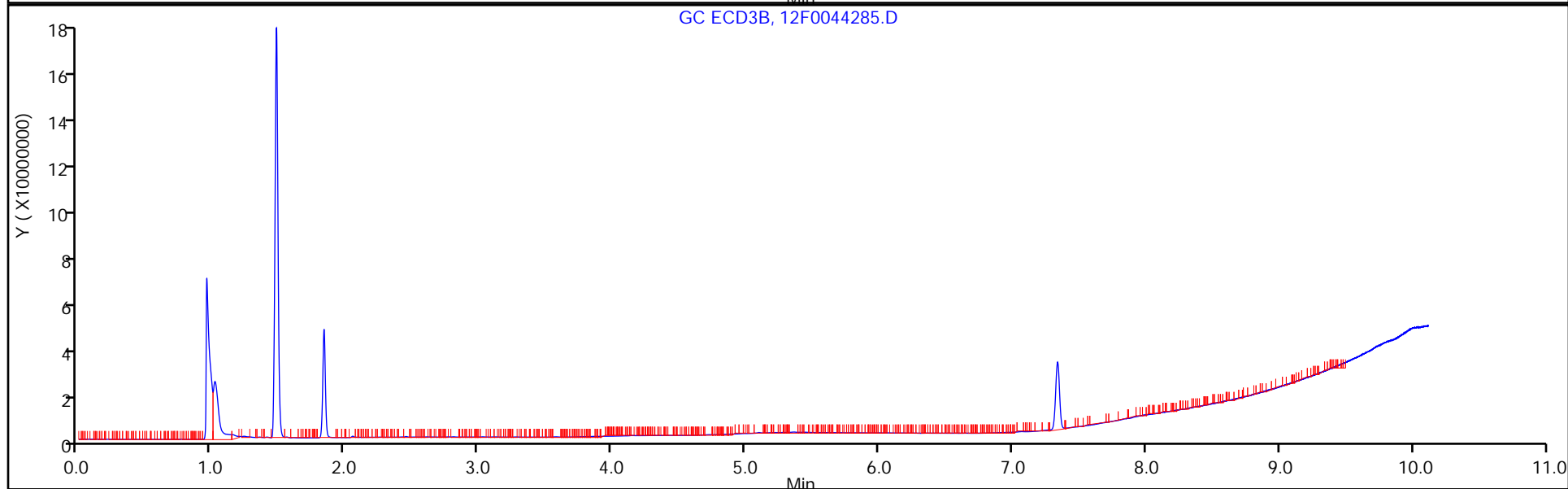
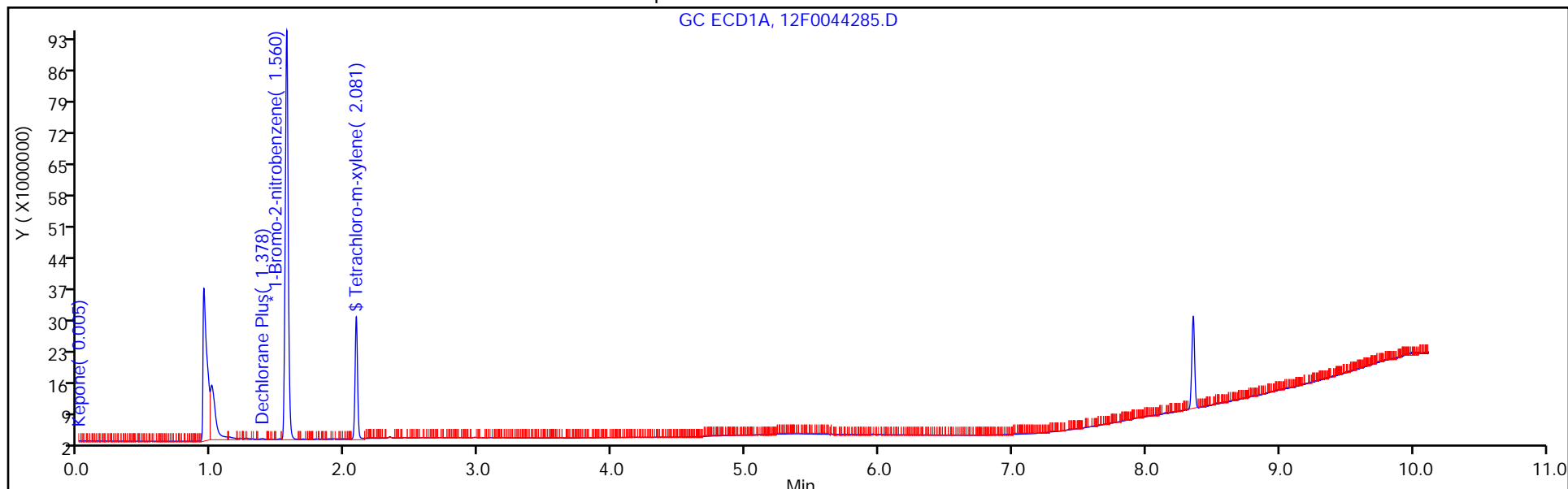
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 1

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044285.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 15-Dec-2022 02:40:57 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: PIBLK
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:46:46 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	20.0	20.9	104.55

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	20.0	18.0	90.04

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-883205/2-A
 Matrix: Solid Lab File ID: 12F0044291.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00(g) Date Analyzed: 12/15/2022 03:54
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.121		0.0067	0.0012
72-54-8	4,4'-DDD	0.139		0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		43-150
877-09-8	Tetrachloro-m-xylene	82		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D
 Lims ID: LCS 460-883205/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-Dec-2022 03:54:55 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-007
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.556	1.556	0.000	168441415	100.0	100.0	
2	1.482	1.482	0.000	317215154	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.075	2.075	0.000	82084501	50.0	41.1	
2	1.838	1.838	0.000	147788870	50.0	36.4	
							RPD = 12.07

15 alpha-BHC

1	2.496	2.496	0.000	591173867	200.0	204.3	
2	2.148	2.148	0.000	1146754004	200.0	200.3	
							RPD = 2.00

2 gamma-BHC (Lindane)

1	2.784	2.785	-0.001	539046228	200.0	210.9	
2	2.344	2.344	0.000	1050867316	200.0	199.1	
							RPD = 5.74

6 beta-BHC

1	2.840	2.841	-0.001	211042174	200.0	212.9	
2	2.393	2.394	-0.001	389924321	200.0	173.9	
							RPD = 20.15

32 delta-BHC

1	3.123	3.124	-0.001	531409253	200.0	213.4	
2	2.520	2.520	0.000	1028428983	200.0	208.9	
							RPD = 2.17

18 Heptachlor

1	3.211	3.212	-0.001	486995395	200.0	199.4	
2	2.673	2.673	0.000	912494114	200.0	180.0	
							RPD = 10.24

8 Aldrin

1	3.572	3.573	-0.001	520261219	200.0	218.4	
2	2.912	2.912	0.000	961895134	200.0	190.3	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.222	4.223	-0.001	437058463	200.0	204.2	
2	3.473	3.474	-0.001	798633444	200.0	175.1	
						RPD = 15.36	
9 trans-Chlordane							
1	4.449	4.449	0.000	440081607	200.0	204.5	
2	3.606	3.607	-0.001	837338839	200.0	175.5	
						RPD = 15.26	
23 cis-Chlordane							
1	4.633	4.635	-0.002	417829480	200.0	199.7	
2	3.754	3.754	0.000	791992425	200.0	174.0	
						RPD = 13.78	
7 Endosulfan I							
1	4.705	4.706	-0.001	392631370	200.0	198.9	
2	3.905	3.906	-0.001	722400639	200.0	171.3	
						RPD = 14.87	
25 4,4'-DDE							
1	4.823	4.824	-0.001	449788279	200.0	205.0	
2	3.836	3.836	0.000	835585995	200.0	177.0	
						RPD = 14.66	
30 Dieldrin							
1	4.997	4.998	-0.001	464360639	200.0	200.6	
2	4.160	4.160	0.000	830065097	200.0	180.1	
						RPD = 10.74	
20 Endrin							
1	5.288	5.289	-0.001	402366756	200.0	183.1	
2	4.421	4.421	0.000	714091611	200.0	162.7	
						RPD = 11.78	
16 4,4'-DDD							
1	5.400	5.400	0.000	398101197	200.0	208.1	
2	4.508	4.508	0.000	703579673	200.0	185.6	
						RPD = 11.42	
11 Endosulfan II							
1	5.488	5.489	-0.001	398520082	200.0	205.2	
2	4.686	4.688	-0.002	686679818	200.0	179.6	
						RPD = 13.28	
21 4,4'-DDT							
1	5.734	5.734	0.000	343981833	200.0	180.9	
2	4.829	4.829	0.000	611799127	200.0	157.4	
						RPD = 13.84	
5 Endrin aldehyde							
1	5.860	5.862	-0.002	319207427	200.0	200.8	
2	5.111	5.111	0.000	557928683	200.0	168.5	
						RPD = 17.47	
3 Endosulfan sulfate							
1	6.228	6.230	-0.002	378093646	200.0	204.6	
2	5.509	5.509	0.000	684199520	200.0	188.7	
						RPD = 8.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

10 Methoxychlor

1	6.771	6.773	-0.002	186917791	200.0	173.4	
2	5.311	5.312	-0.001	310247711	200.0	144.9	
						RPD = 17.90	

34 Mirex

1	6.972	6.973	-0.001	273121481	200.0	178.3	
2	5.390	5.390	0.000	448431241	200.0	142.9	
						RPD = 22.03	

13 Endrin ketone

1	7.058	7.060	-0.002	469673123	200.0	233.5	
2	5.790	5.791	-0.001	822462087	200.0	205.9	
						RPD = 12.60	

\$ 24 DCB Decachlorobiphenyl

1	8.335	8.337	-0.002	75395303	50.0	43.0	
2	7.334	7.336	-0.002	143516011	50.0	36.7	
						RPD = 15.70	

Reagents:

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D

Injection Date: 15-Dec-2022 03:54:55

Instrument ID: CPESTGC12

Operator ID:

Lims ID: LCS 460-883205/2-A

Worklist Smp#: 7

Client ID:

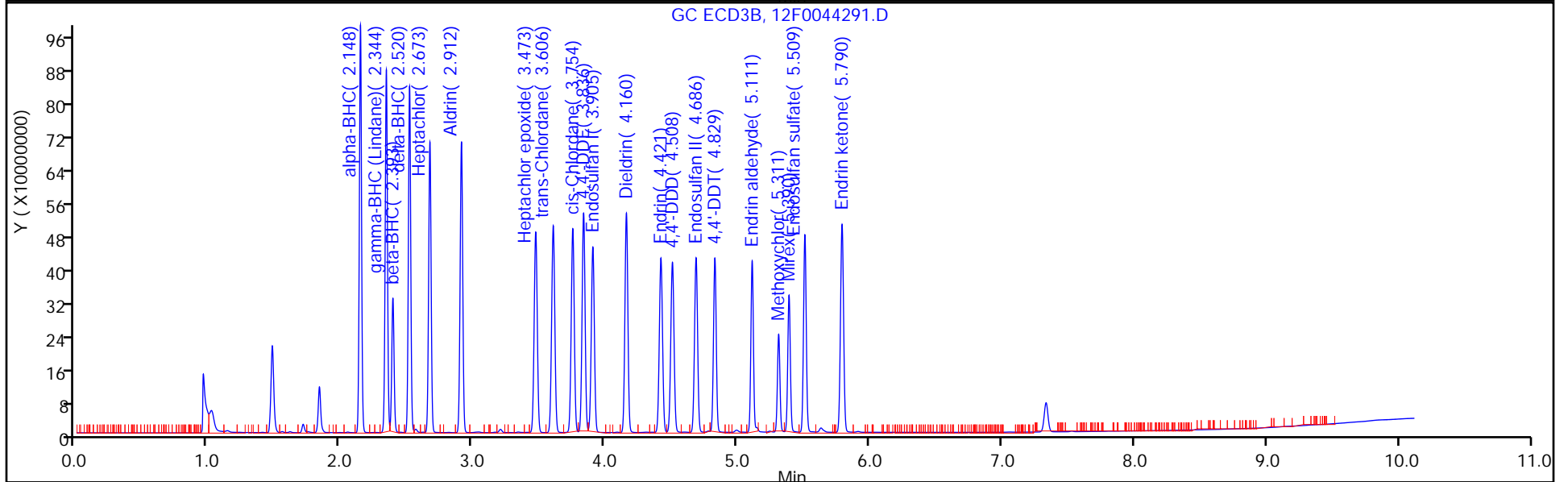
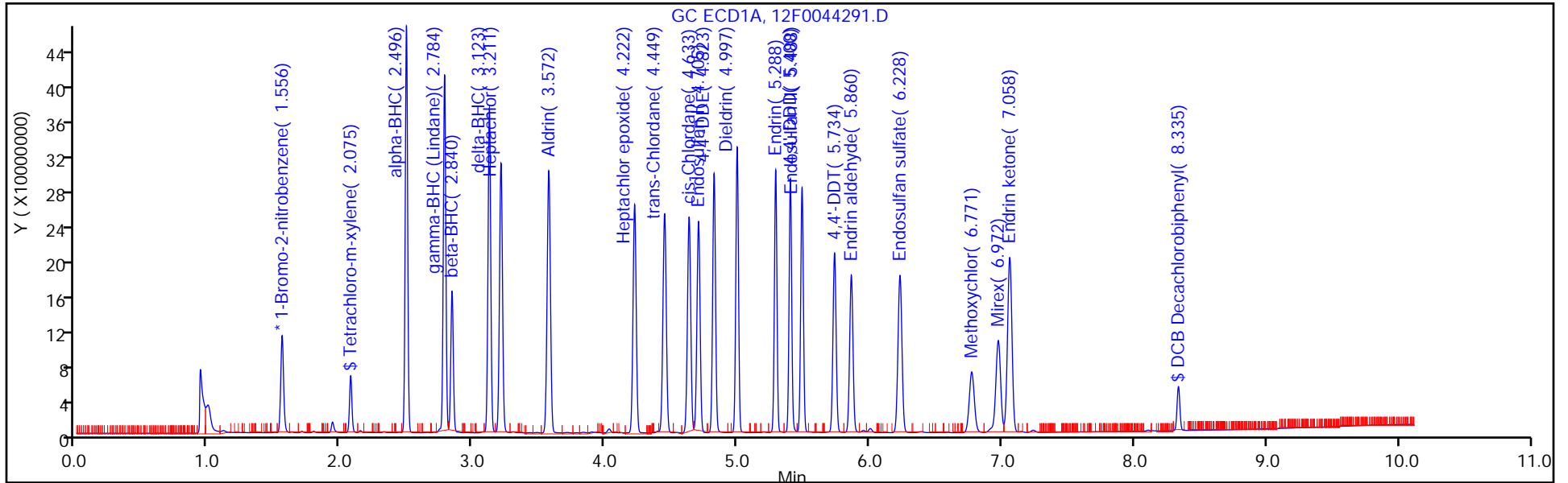
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D
 Lims ID: LCS 460-883205/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-Dec-2022 03:54:55 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-007
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	41.1	82.21
\$ 24 DCB Decachlorobiphenyl	50.0	43.0	85.94

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	36.4	72.85
\$ 24 DCB Decachlorobiphenyl	50.0	36.7	73.43

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-883205/2-A
 Matrix: Solid Lab File ID: 12F0044291.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00(g) Date Analyzed: 12/15/2022 03:54
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.105		0.0067	0.0012
72-54-8	4,4'-DDD	0.124		0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		43-150
877-09-8	Tetrachloro-m-xylene	73		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D
 Lims ID: LCS 460-883205/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-Dec-2022 03:54:55 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-007
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.556	1.556	0.000	168441415	100.0	100.0	
2	1.482	1.482	0.000	317215154	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.075	2.075	0.000	82084501	50.0	41.1	
2	1.838	1.838	0.000	147788870	50.0	36.4	
							RPD = 12.07

15 alpha-BHC

1	2.496	2.496	0.000	591173867	200.0	204.3	
2	2.148	2.148	0.000	1146754004	200.0	200.3	
							RPD = 2.00

2 gamma-BHC (Lindane)

1	2.784	2.785	-0.001	539046228	200.0	210.9	
2	2.344	2.344	0.000	1050867316	200.0	199.1	
							RPD = 5.74

6 beta-BHC

1	2.840	2.841	-0.001	211042174	200.0	212.9	
2	2.393	2.394	-0.001	389924321	200.0	173.9	
							RPD = 20.15

32 delta-BHC

1	3.123	3.124	-0.001	531409253	200.0	213.4	
2	2.520	2.520	0.000	1028428983	200.0	208.9	
							RPD = 2.17

18 Heptachlor

1	3.211	3.212	-0.001	486995395	200.0	199.4	
2	2.673	2.673	0.000	912494114	200.0	180.0	
							RPD = 10.24

8 Aldrin

1	3.572	3.573	-0.001	520261219	200.0	218.4	
2	2.912	2.912	0.000	961895134	200.0	190.3	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.222	4.223	-0.001	437058463	200.0	204.2	
2	3.473	3.474	-0.001	798633444	200.0	175.1	
						RPD = 15.36	
9 trans-Chlordane							
1	4.449	4.449	0.000	440081607	200.0	204.5	
2	3.606	3.607	-0.001	837338839	200.0	175.5	
						RPD = 15.26	
23 cis-Chlordane							
1	4.633	4.635	-0.002	417829480	200.0	199.7	
2	3.754	3.754	0.000	791992425	200.0	174.0	
						RPD = 13.78	
7 Endosulfan I							
1	4.705	4.706	-0.001	392631370	200.0	198.9	
2	3.905	3.906	-0.001	722400639	200.0	171.3	
						RPD = 14.87	
25 4,4'-DDE							
1	4.823	4.824	-0.001	449788279	200.0	205.0	
2	3.836	3.836	0.000	835585995	200.0	177.0	
						RPD = 14.66	
30 Dieldrin							
1	4.997	4.998	-0.001	464360639	200.0	200.6	
2	4.160	4.160	0.000	830065097	200.0	180.1	
						RPD = 10.74	
20 Endrin							
1	5.288	5.289	-0.001	402366756	200.0	183.1	
2	4.421	4.421	0.000	714091611	200.0	162.7	
						RPD = 11.78	
16 4,4'-DDD							
1	5.400	5.400	0.000	398101197	200.0	208.1	
2	4.508	4.508	0.000	703579673	200.0	185.6	
						RPD = 11.42	
11 Endosulfan II							
1	5.488	5.489	-0.001	398520082	200.0	205.2	
2	4.686	4.688	-0.002	686679818	200.0	179.6	
						RPD = 13.28	
21 4,4'-DDT							
1	5.734	5.734	0.000	343981833	200.0	180.9	
2	4.829	4.829	0.000	611799127	200.0	157.4	
						RPD = 13.84	
5 Endrin aldehyde							
1	5.860	5.862	-0.002	319207427	200.0	200.8	
2	5.111	5.111	0.000	557928683	200.0	168.5	
						RPD = 17.47	
3 Endosulfan sulfate							
1	6.228	6.230	-0.002	378093646	200.0	204.6	
2	5.509	5.509	0.000	684199520	200.0	188.7	
						RPD = 8.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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10 Methoxychlor

1	6.771	6.773	-0.002	186917791	200.0	173.4	
2	5.311	5.312	-0.001	310247711	200.0	144.9	
						RPD = 17.90	

34 Mirex

1	6.972	6.973	-0.001	273121481	200.0	178.3	
2	5.390	5.390	0.000	448431241	200.0	142.9	
						RPD = 22.03	

13 Endrin ketone

1	7.058	7.060	-0.002	469673123	200.0	233.5	
2	5.790	5.791	-0.001	822462087	200.0	205.9	
						RPD = 12.60	

\$ 24 DCB Decachlorobiphenyl

1	8.335	8.337	-0.002	75395303	50.0	43.0	
2	7.334	7.336	-0.002	143516011	50.0	36.7	
						RPD = 15.70	

Reagents:

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D

Injection Date: 15-Dec-2022 03:54:55

Instrument ID: CPESTGC12

Operator ID:

Lims ID: LCS 460-883205/2-A

Worklist Smp#: 7

Client ID:

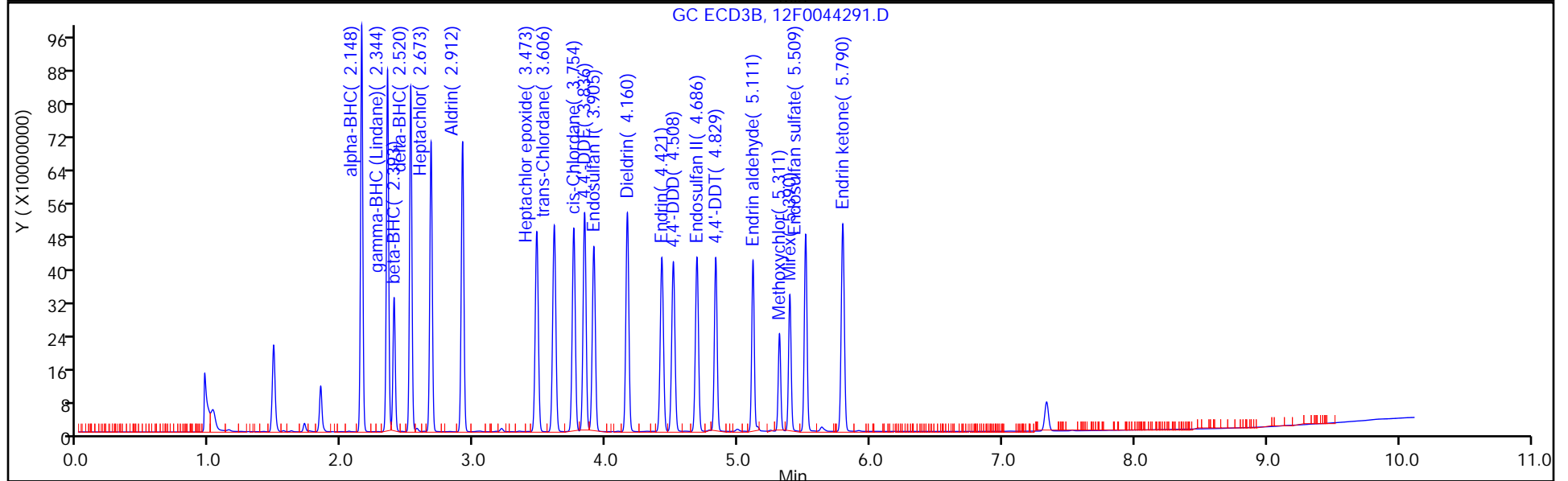
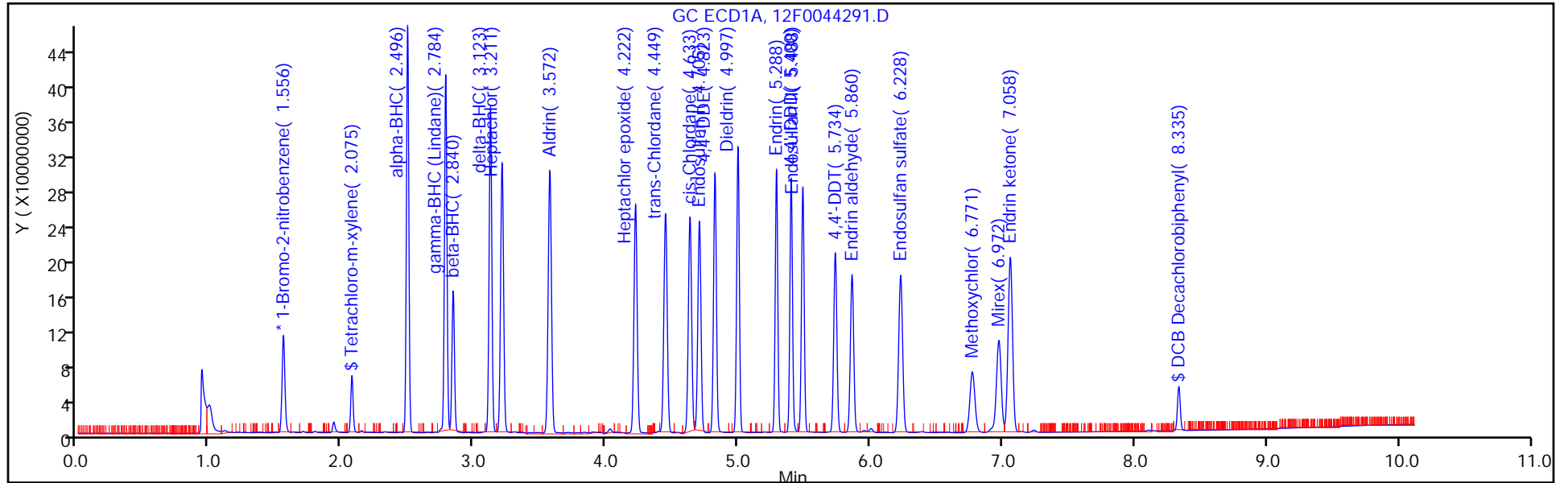
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044291.D
 Lims ID: LCS 460-883205/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-Dec-2022 03:54:55 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-007
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	41.1	82.21
\$ 24 DCB Decachlorobiphenyl	50.0	43.0	85.94

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	36.4	72.85
\$ 24 DCB Decachlorobiphenyl	50.0	36.7	73.43

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-883205/3-A
 Matrix: Solid Lab File ID: 12F0044292.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00(g) Date Analyzed: 12/15/2022 04:07
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.118		0.0067	0.0012
72-54-8	4,4'-DDD	0.136		0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		43-150
877-09-8	Tetrachloro-m-xylene	80		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D
 Lims ID: LCSD 460-883205/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 15-Dec-2022 04:07:08 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-008
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Diff RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.556	1.556	0.000	173210361	100.0	100.0	
2	1.481	1.482	-0.001	323169391	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.074	2.075	-0.001	82594182	50.0	40.2	
2	1.838	1.838	0.000	145624226	50.0	35.2	
							RPD = 13.23

15 alpha-BHC

1	2.496	2.496	0.000	592961079	200.0	199.3	
2	2.148	2.148	0.000	1135857817	200.0	194.8	
							RPD = 2.32

2 gamma-BHC (Lindane)

1	2.785	2.785	0.000	540925013	200.0	205.8	
2	2.344	2.344	0.000	1023433946	200.0	190.3	
							RPD = 7.80

6 beta-BHC

1	2.841	2.841	0.000	212186324	200.0	208.2	
2	2.394	2.394	0.000	378612839	200.0	165.9	
							RPD = 22.59

32 delta-BHC

1	3.123	3.124	-0.001	536709309	200.0	209.6	
2	2.520	2.520	0.000	1006504451	200.0	200.6	
							RPD = 4.38

18 Heptachlor

1	3.211	3.212	-0.001	494567762	200.0	196.9	
2	2.673	2.673	0.000	908981465	200.0	176.0	
							RPD = 11.23

8 Aldrin

1	3.572	3.573	-0.001	526989520	200.0	215.1	
2	2.912	2.912	0.000	962411259	200.0	186.9	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.221	4.223	-0.002	443012629	200.0	201.3	
2	3.473	3.474	-0.001	814247998	200.0	175.2	
						RPD = 13.85	
9 trans-Chlordane							
1	4.448	4.449	-0.001	446566394	200.0	201.8	
2	3.606	3.607	-0.001	862204812	200.0	177.4	
						RPD = 12.88	
23 cis-Chlordane							
1	4.634	4.635	-0.001	423083442	200.0	196.7	
2	3.754	3.754	0.000	821850355	200.0	177.2	
						RPD = 10.41	
7 Endosulfan I							
1	4.705	4.706	-0.001	396352727	200.0	195.2	
2	3.906	3.906	0.000	745254072	200.0	173.5	
						RPD = 11.79	
25 4,4'-DDE							
1	4.822	4.824	-0.002	454278391	200.0	201.4	
2	3.836	3.836	0.000	868189443	200.0	180.5	
						RPD = 10.91	
30 Dieldrin							
1	4.997	4.998	-0.001	468590348	200.0	196.8	
2	4.160	4.160	0.000	857215021	200.0	182.6	
						RPD = 7.50	
20 Endrin							
1	5.288	5.289	-0.001	407496351	200.0	180.4	
2	4.421	4.421	0.000	732103791	200.0	163.8	
						RPD = 9.63	
16 4,4'-DDD							
1	5.400	5.400	0.000	401801363	200.0	204.2	
2	4.507	4.508	-0.001	721252950	200.0	186.8	
						RPD = 8.94	
11 Endosulfan II							
1	5.488	5.489	-0.001	401870982	200.0	201.2	
2	4.686	4.688	-0.002	699767458	200.0	179.7	
						RPD = 11.31	
21 4,4'-DDT							
1	5.734	5.734	0.000	347126493	200.0	177.5	
2	4.828	4.829	-0.001	624741881	200.0	157.8	
						RPD = 11.74	
5 Endrin aldehyde							
1	5.861	5.862	-0.001	322386054	200.0	197.2	
2	5.110	5.111	-0.001	565245779	200.0	167.6	
						RPD = 16.23	
3 Endosulfan sulfate							
1	6.228	6.230	-0.002	381717407	200.0	200.8	
2	5.509	5.509	0.000	691159249	200.0	187.1	
						RPD = 7.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	--------------	----------------	-------

10 Methoxychlor

1	6.771	6.773	-0.002	187599790	200.0	169.3	
2	5.311	5.312	-0.001	312348027	200.0	143.2	
						RPD = 16.66	

34 Mirex

1	6.971	6.973	-0.002	276527652	200.0	175.5	
2	5.389	5.390	-0.001	454429496	200.0	142.1	
						RPD = 21.02	

13 Endrin ketone

1	7.058	7.060	-0.002	476423479	200.0	230.4	
2	5.790	5.791	-0.001	825907094	200.0	202.9	
						RPD = 12.67	

\$ 24 DCB Decachlorobiphenyl

1	8.334	8.337	-0.003	75710986	50.0	42.0	
2	7.333	7.336	-0.003	143725402	50.0	36.1	
						RPD = 15.04	

Reagents:

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D

Injection Date: 15-Dec-2022 04:07:08 Instrument ID: CPESTGC12

Lims ID: LCSD 460-883205/3-A

Operator ID:

Client ID:

Worklist Smp#: 8

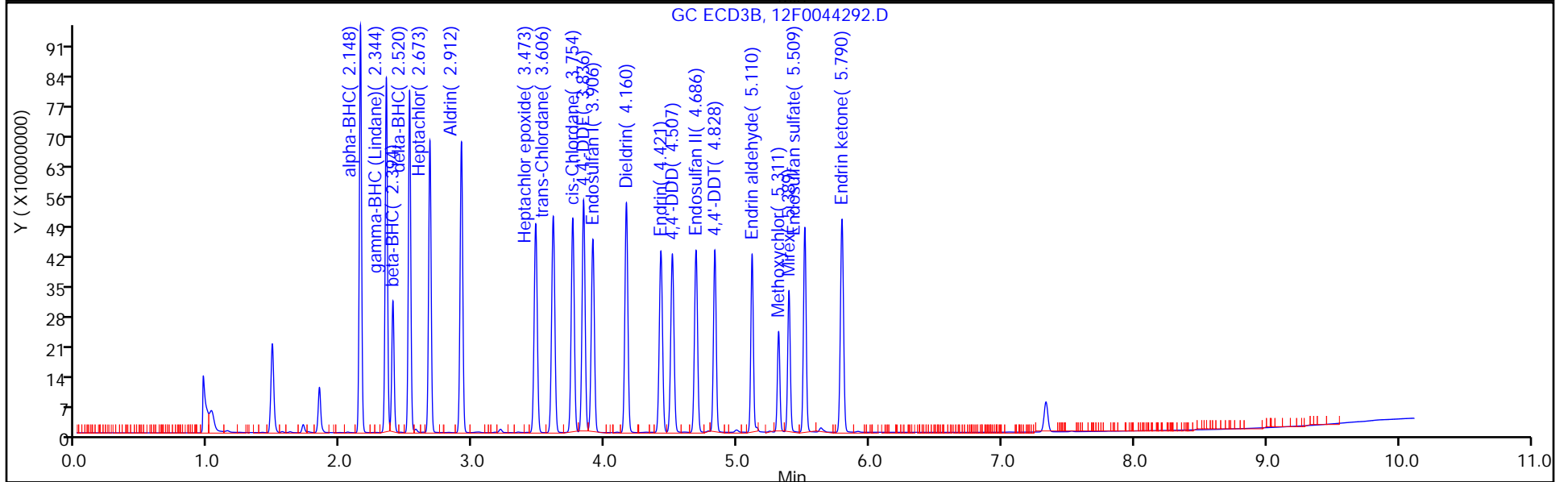
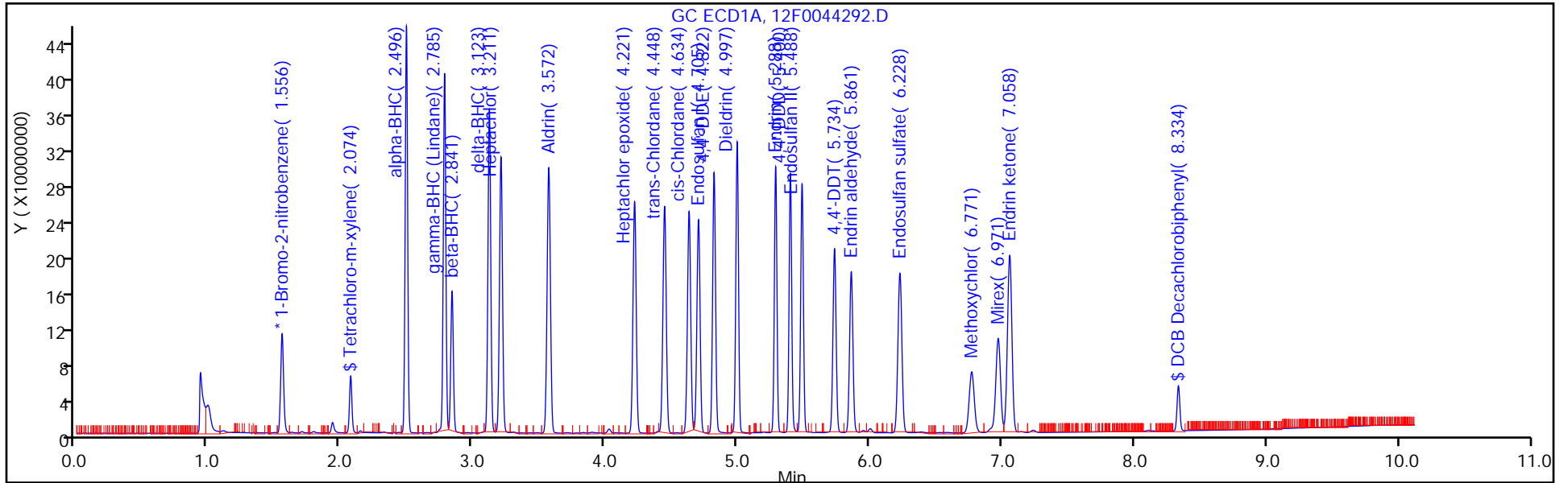
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D
 Lims ID: LCSD 460-883205/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 15-Dec-2022 04:07:08 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-008
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	40.2	80.44
\$ 24 DCB Decachlorobiphenyl	50.0	42.0	83.92

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	35.2	70.46
\$ 24 DCB Decachlorobiphenyl	50.0	36.1	72.18

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-883205/3-A
 Matrix: Solid Lab File ID: 12F0044292.D
 Analysis Method: 8081B Date Collected: _____
 Extraction Method: 3546 Date Extracted: 12/14/2022 17:16
 Sample wt/vol: 15.00 (g) Date Analyzed: 12/15/2022 04:07
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-CLP ID: 0.53 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 883285 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	0.105		0.0067	0.0012
72-54-8	4,4'-DDD	0.125		0.0067	0.0011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		43-150
877-09-8	Tetrachloro-m-xylene	70		26-137

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D
 Lims ID: LCSD 460-883205/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 15-Dec-2022 04:07:08 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-008
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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* 37 1-Bromo-2-nitrobenzene

1	1.556	1.556	0.000	173210361	100.0	100.0	
2	1.481	1.482	-0.001	323169391	100.0	100.0	
							RPD = 0.00

\$ 4 Tetrachloro-m-xylene

1	2.074	2.075	-0.001	82594182	50.0	40.2	
2	1.838	1.838	0.000	145624226	50.0	35.2	
							RPD = 13.23

15 alpha-BHC

1	2.496	2.496	0.000	592961079	200.0	199.3	
2	2.148	2.148	0.000	1135857817	200.0	194.8	
							RPD = 2.32

2 gamma-BHC (Lindane)

1	2.785	2.785	0.000	540925013	200.0	205.8	
2	2.344	2.344	0.000	1023433946	200.0	190.3	
							RPD = 7.80

6 beta-BHC

1	2.841	2.841	0.000	212186324	200.0	208.2	
2	2.394	2.394	0.000	378612839	200.0	165.9	
							RPD = 22.59

32 delta-BHC

1	3.123	3.124	-0.001	536709309	200.0	209.6	
2	2.520	2.520	0.000	1006504451	200.0	200.6	
							RPD = 4.38

18 Heptachlor

1	3.211	3.212	-0.001	494567762	200.0	196.9	
2	2.673	2.673	0.000	908981465	200.0	176.0	
							RPD = 11.23

8 Aldrin

1	3.572	3.573	-0.001	526989520	200.0	215.1	
2	2.912	2.912	0.000	962411259	200.0	186.9	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.221	4.223	-0.002	443012629	200.0	201.3	
2	3.473	3.474	-0.001	814247998	200.0	175.2	
						RPD = 13.85	
9 trans-Chlordane							
1	4.448	4.449	-0.001	446566394	200.0	201.8	
2	3.606	3.607	-0.001	862204812	200.0	177.4	
						RPD = 12.88	
23 cis-Chlordane							
1	4.634	4.635	-0.001	423083442	200.0	196.7	
2	3.754	3.754	0.000	821850355	200.0	177.2	
						RPD = 10.41	
7 Endosulfan I							
1	4.705	4.706	-0.001	396352727	200.0	195.2	
2	3.906	3.906	0.000	745254072	200.0	173.5	
						RPD = 11.79	
25 4,4'-DDE							
1	4.822	4.824	-0.002	454278391	200.0	201.4	
2	3.836	3.836	0.000	868189443	200.0	180.5	
						RPD = 10.91	
30 Dieldrin							
1	4.997	4.998	-0.001	468590348	200.0	196.8	
2	4.160	4.160	0.000	857215021	200.0	182.6	
						RPD = 7.50	
20 Endrin							
1	5.288	5.289	-0.001	407496351	200.0	180.4	
2	4.421	4.421	0.000	732103791	200.0	163.8	
						RPD = 9.63	
16 4,4'-DDD							
1	5.400	5.400	0.000	401801363	200.0	204.2	
2	4.507	4.508	-0.001	721252950	200.0	186.8	
						RPD = 8.94	
11 Endosulfan II							
1	5.488	5.489	-0.001	401870982	200.0	201.2	
2	4.686	4.688	-0.002	699767458	200.0	179.7	
						RPD = 11.31	
21 4,4'-DDT							
1	5.734	5.734	0.000	347126493	200.0	177.5	
2	4.828	4.829	-0.001	624741881	200.0	157.8	
						RPD = 11.74	
5 Endrin aldehyde							
1	5.861	5.862	-0.001	322386054	200.0	197.2	
2	5.110	5.111	-0.001	565245779	200.0	167.6	
						RPD = 16.23	
3 Endosulfan sulfate							
1	6.228	6.230	-0.002	381717407	200.0	200.8	
2	5.509	5.509	0.000	691159249	200.0	187.1	
						RPD = 7.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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10 Methoxychlor

1	6.771	6.773	-0.002	187599790	200.0	169.3	
2	5.311	5.312	-0.001	312348027	200.0	143.2	
						RPD = 16.66	

34 Mirex

1	6.971	6.973	-0.002	276527652	200.0	175.5	
2	5.389	5.390	-0.001	454429496	200.0	142.1	
						RPD = 21.02	

13 Endrin ketone

1	7.058	7.060	-0.002	476423479	200.0	230.4	
2	5.790	5.791	-0.001	825907094	200.0	202.9	
						RPD = 12.67	

\$ 24 DCB Decachlorobiphenyl

1	8.334	8.337	-0.003	75710986	50.0	42.0	
2	7.333	7.336	-0.003	143725402	50.0	36.1	
						RPD = 15.04	

Reagents:

SGPESTISTD_00019

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D

Injection Date: 15-Dec-2022 04:07:08 Instrument ID: CPESTGC12

Lims ID: LCSD 460-883205/3-A

Operator ID:

Client ID:

Worklist Smp#: 8

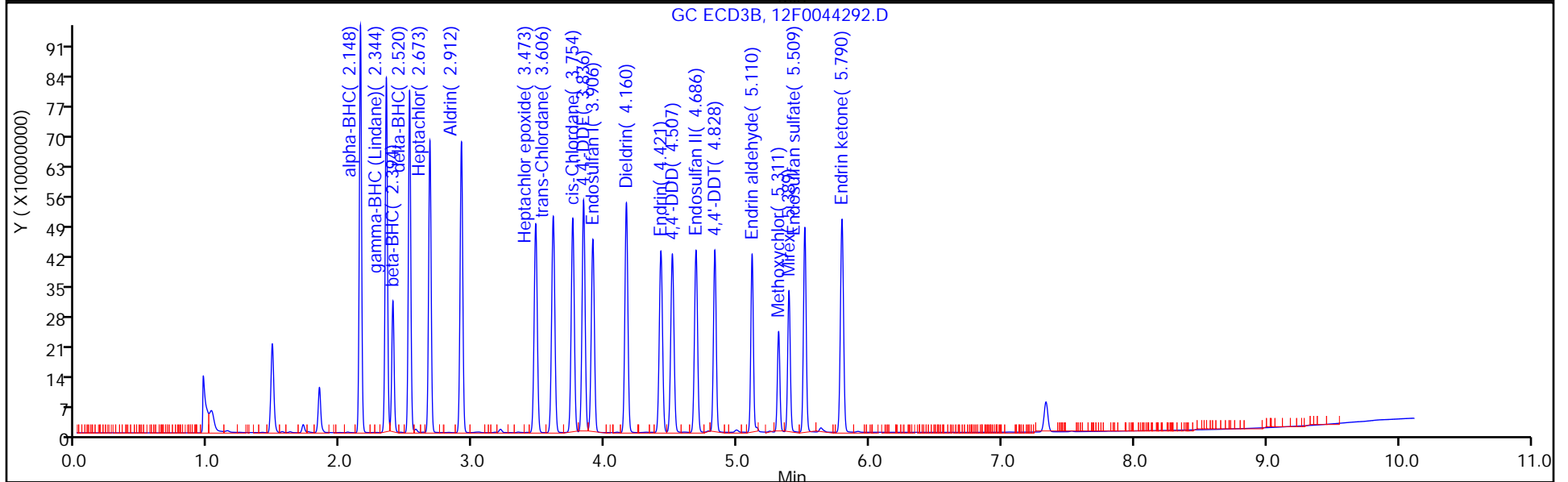
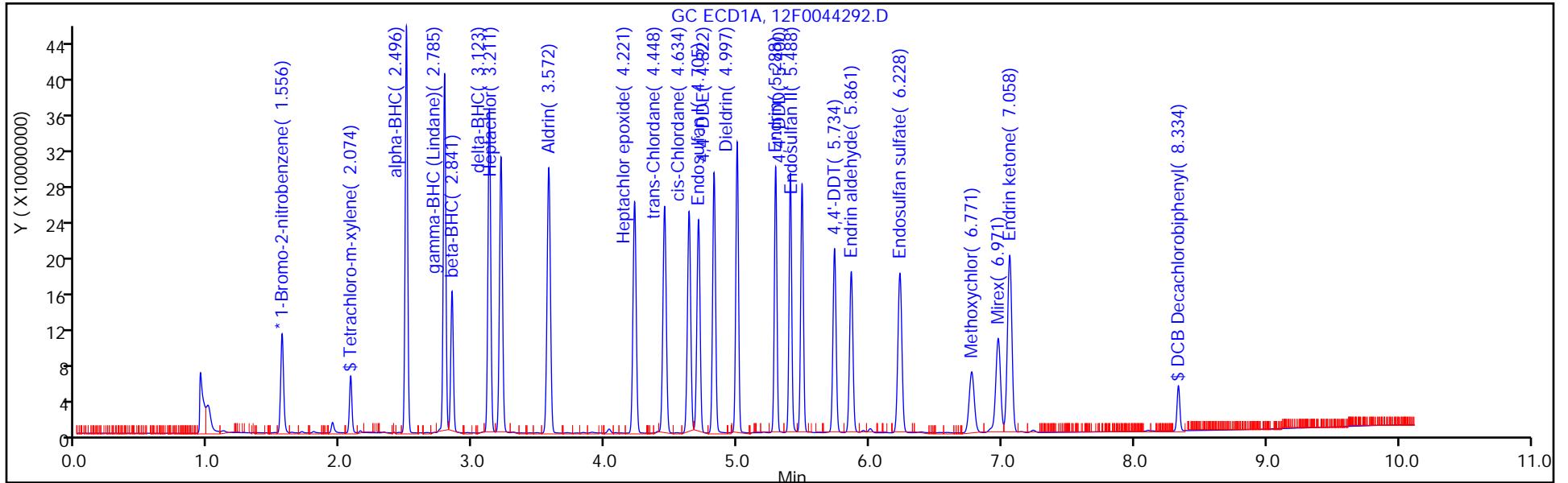
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: GC8081

Limit Group: GC 8081B PEST ISTD



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\12F0044292.D
 Lims ID: LCSD 460-883205/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 15-Dec-2022 04:07:08 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0154515-008
 Operator ID: Instrument ID: CPESTGC12
 Method: \\chromfs\Edison\ChromData\CPESTGC12\20221215-154515.b\GC8081.m
 Limit Group: GC 8081B PEST ISTD
 Last Update: 15-Dec-2022 07:47:34 Calib Date: 24-Jun-2022 19:45:05
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20220624-147033.b\12F0038980.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: CTX1659

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	40.2	80.44
\$ 24 DCB Decachlorobiphenyl	50.0	42.0	83.92

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 Tetrachloro-m-xylene	50.0	35.2	70.46
\$ 24 DCB Decachlorobiphenyl	50.0	36.1	72.18

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CPESTGC12 Start Date: 06/23/2022 10:43

Analysis Batch Number: 851539 End Date: 06/23/2022 15:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-851539/1		06/23/2022 10:43	1		CLP-2 0.53 (mm)
PIBLK 460-851539/1		06/23/2022 10:43	1		Rtx-CLP 0.53 (mm)
PEM 460-851539/2		06/23/2022 10:55	1		CLP-2 0.53 (mm)
PEM 460-851539/2		06/23/2022 10:55	1		Rtx-CLP 0.53 (mm)
ICIS 460-851539/3		06/23/2022 11:07	1	12F0038952.D	CLP-2 0.53 (mm)
ICIS 460-851539/3		06/23/2022 11:07	1	12F0038952.D	Rtx-CLP 0.53 (mm)
IC 460-851539/4		06/23/2022 11:20	1	12F0038953.D	CLP-2 0.53 (mm)
IC 460-851539/4		06/23/2022 11:20	1	12F0038953.D	Rtx-CLP 0.53 (mm)
IC 460-851539/5		06/23/2022 11:32	1	12F0038954.D	CLP-2 0.53 (mm)
IC 460-851539/5		06/23/2022 11:32	1	12F0038954.D	Rtx-CLP 0.53 (mm)
IC 460-851539/6		06/23/2022 11:44	1	12F0038955.D	CLP-2 0.53 (mm)
IC 460-851539/6		06/23/2022 11:44	1	12F0038955.D	Rtx-CLP 0.53 (mm)
IC 460-851539/7		06/23/2022 11:57	1	12F0038956.D	CLP-2 0.53 (mm)
IC 460-851539/7		06/23/2022 11:57	1	12F0038956.D	Rtx-CLP 0.53 (mm)
IC 460-851539/8 ICIS		06/23/2022 12:09	1		CLP-2 0.53 (mm)
IC 460-851539/8 ICIS		06/23/2022 12:09	1		Rtx-CLP 0.53 (mm)
IC 460-851539/16		06/23/2022 13:48	1		CLP-2 0.53 (mm)
IC 460-851539/16		06/23/2022 13:48	1		Rtx-CLP 0.53 (mm)
IC 460-851539/17		06/23/2022 14:00	1		CLP-2 0.53 (mm)
IC 460-851539/17		06/23/2022 14:00	1		Rtx-CLP 0.53 (mm)
IC 460-851539/18 ICIS		06/23/2022 14:12	1	12F0038967.D	CLP-2 0.53 (mm)
IC 460-851539/18 ICIS		06/23/2022 14:12	1	12F0038967.D	Rtx-CLP 0.53 (mm)
IC 460-851539/19		06/23/2022 14:25	1		CLP-2 0.53 (mm)
IC 460-851539/19		06/23/2022 14:25	1		Rtx-CLP 0.53 (mm)
IC 460-851539/20		06/23/2022 14:37	1		CLP-2 0.53 (mm)
IC 460-851539/20		06/23/2022 14:37	1		Rtx-CLP 0.53 (mm)
ICV 460-851539/21		06/23/2022 14:49	1	12F0038970.D	CLP-2 0.53 (mm)
ICV 460-851539/21		06/23/2022 14:49	1	12F0038970.D	Rtx-CLP 0.53 (mm)
ICV 460-851539/22		06/23/2022 15:02	1	12F0038971.D	CLP-2 0.53 (mm)
ICV 460-851539/22		06/23/2022 15:02	1	12F0038971.D	Rtx-CLP 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CPESTGC12 Start Date: 06/24/2022 17:30

Analysis Batch Number: 851903 End Date: 06/24/2022 20:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-851903/2		06/24/2022 17:30	1		CLP-2 0.53 (mm)
PIBLK 460-851903/2		06/24/2022 17:30	1		Rtx-CLP 0.53 (mm)
PEM 460-851903/3		06/24/2022 17:43	1		CLP-2 0.53 (mm)
PEM 460-851903/3		06/24/2022 17:43	1		Rtx-CLP 0.53 (mm)
IC 460-851903/4		06/24/2022 17:55	1		CLP-2 0.53 (mm)
IC 460-851903/4		06/24/2022 17:55	1		Rtx-CLP 0.53 (mm)
IC 460-851903/5		06/24/2022 18:07	1		CLP-2 0.53 (mm)
IC 460-851903/5		06/24/2022 18:07	1		Rtx-CLP 0.53 (mm)
IC 460-851903/6 ICIS		06/24/2022 18:20	1	12F0038977.D	CLP-2 0.53 (mm)
IC 460-851903/6 ICIS		06/24/2022 18:20	1	12F0038977.D	Rtx-CLP 0.53 (mm)
IC 460-851903/8		06/24/2022 18:44	1		CLP-2 0.53 (mm)
IC 460-851903/8		06/24/2022 18:44	1		Rtx-CLP 0.53 (mm)
IC 460-851903/9		06/24/2022 19:45	1		CLP-2 0.53 (mm)
IC 460-851903/9		06/24/2022 19:45	1		Rtx-CLP 0.53 (mm)
ICV 460-851903/10		06/24/2022 20:02	1	12F0038981.D	CLP-2 0.53 (mm)
ICV 460-851903/10		06/24/2022 20:02	1	12F0038981.D	Rtx-CLP 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CPESTGC12 Start Date: 12/15/2022 02:40

Analysis Batch Number: 883285 End Date: 12/15/2022 10:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-883285/1		12/15/2022 02:40	1	12F0044285.D	CLP-2 0.53 (mm)
PIBLK 460-883285/1		12/15/2022 02:40	1	12F0044285.D	Rtx-CLP 0.53 (mm)
PEM 460-883285/2		12/15/2022 02:53	1	12F0044286.D	CLP-2 0.53 (mm)
PEM 460-883285/2		12/15/2022 02:53	1	12F0044286.D	Rtx-CLP 0.53 (mm)
CCVIS 460-883285/3		12/15/2022 03:05	1	12F0044287.D	CLP-2 0.53 (mm)
CCVIS 460-883285/3		12/15/2022 03:05	1	12F0044287.D	Rtx-CLP 0.53 (mm)
CCV 460-883285/4		12/15/2022 03:17	1	12F0044288.D	CLP-2 0.53 (mm)
CCV 460-883285/4		12/15/2022 03:17	1	12F0044288.D	Rtx-CLP 0.53 (mm)
CCV 460-883285/5		12/15/2022 03:30	1	12F0044289.D	CLP-2 0.53 (mm)
CCV 460-883285/5		12/15/2022 03:30	1	12F0044289.D	Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 03:42	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 03:42	1		Rtx-CLP 0.53 (mm)
LCS 460-883205/2-A		12/15/2022 03:54	1	12F0044291.D	CLP-2 0.53 (mm)
LCS 460-883205/2-A		12/15/2022 03:54	1	12F0044291.D	Rtx-CLP 0.53 (mm)
LCSD 460-883205/3-A		12/15/2022 04:07	1	12F0044292.D	CLP-2 0.53 (mm)
LCSD 460-883205/3-A		12/15/2022 04:07	1	12F0044292.D	Rtx-CLP 0.53 (mm)
MB 460-883205/1-A		12/15/2022 04:19	1	12F0044293.D	CLP-2 0.53 (mm)
MB 460-883205/1-A		12/15/2022 04:19	1	12F0044293.D	Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 04:31	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 04:31	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 04:44	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 04:44	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 04:56	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 04:56	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 05:08	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 05:08	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 05:20	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 05:20	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 05:33	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 05:33	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 05:45	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 05:45	1		Rtx-CLP 0.53 (mm)
460-271282-2	BCS-09-16_(7-7.5)	12/15/2022 05:57	1	12F0044301.D	CLP-2 0.53 (mm)
460-271282-2	BCS-09-16_(7-7.5)	12/15/2022 05:57	1	12F0044301.D	Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 06:10	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 06:10	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 06:22	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 06:22	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 06:34	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 06:34	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 06:47	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 06:47	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 06:59	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 06:59	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 07:11	1		CLP-2 0.53 (mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: CPESTGC12 Start Date: 12/15/2022 02:40

Analysis Batch Number: 883285 End Date: 12/15/2022 10:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/15/2022 07:11	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 07:24	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 07:24	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 07:36	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 07:36	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 07:48	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 07:48	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 08:01	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 08:01	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 08:13	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 08:13	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 08:25	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 08:25	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 08:37	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 08:37	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 08:50	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 08:50	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 09:02	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 09:02	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 09:14	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 09:14	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 09:27	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 09:27	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 09:39	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 09:39	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 09:51	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 09:51	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 10:04	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 10:04	1		Rtx-CLP 0.53 (mm)
ZZZZZ		12/15/2022 10:16	1		CLP-2 0.53 (mm)
ZZZZZ		12/15/2022 10:16	1		Rtx-CLP 0.53 (mm)

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 851539 Batch Start Date: 06/23/22 10:43 Batch Analyst: Patel, Jignesh

Batch Method: 8081B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTISTD 00018	SGPESTL1 00032	SGPESTL2 00041	SGPESTL3 00041	SGPESTL4 00038	SGPESTL5 00039
ICIS 460-851539/3		8081B		20 uL			1 mL		
IC 460-851539/4		8081B		20 uL	1 mL				
IC 460-851539/5		8081B		20 uL		1 mL			
IC 460-851539/6		8081B		20 uL				1 mL	
IC 460-851539/7		8081B		20 uL					1 mL
IC 460-851539/18 ICIS		8081B		20 uL					
ICV 460-851539/21		8081B		20 uL					
ICV 460-851539/22		8081B		20 uL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPTICV 00046	SGTOX ICV 00014	SGTOXAPHENEL4 00009			
ICIS 460-851539/3		8081B							
IC 460-851539/4		8081B							
IC 460-851539/5		8081B							
IC 460-851539/6		8081B							
IC 460-851539/7		8081B							
IC 460-851539/18 ICIS		8081B				1 mL			
ICV 460-851539/21		8081B			1 mL				
ICV 460-851539/22		8081B		1 mL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 851903 Batch Start Date: 06/24/22 17:30 Batch Analyst: Patel, Jignesh

Batch Method: 8081B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGCHLOR ICV 00008	SGCHLORDANEL4 00010	SGPESTISTD 00018			
IC 460-851903/6 ICIS		8081B			1 mL	20 uL			
ICV 460-851903/10		8081B		1 mL		20 uL			

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 883205 Batch Start Date: 12/14/22 17:16 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PESTSP 00041	OPPSTPCBSURR 00023		
MB 460-883205/1		3546, 8081B		15.00 g	10 mL		50 uL		
LCS 460-883205/2		3546, 8081B		15.00 g	10 mL	100 uL	50 uL		
LCSD 460-883205/3		3546, 8081B		15.00 g	10 mL	100 uL	50 uL		
460-271282-A-2	BCS-09-16_(7-7.5)	3546, 8081B	T	15.06 g	10 mL		50 uL		

Batch Notes	
Method/Fraction	3546 / 8081 SOIL
Microwave Oven ID	MD1952/5095/4965
Analyst ID - Extraction	ARCHIE
Blank Matrix ID	181427
Analyst ID - Spike Analyst	ARCHIE
Analyst ID - Spike Witness Analyst	JOSE
Prep Solvent ID	Acetone 22C1762011/Hexane 626006
Na2SO4 ID	195259
Analyst ID - Concentration	ARCHIE
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Copper ID	LOT# 913270-BJ
Batch Comment	PEST/SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-271282-1

SDG No.: _____

Project: Inwood - Lot 9

Client Sample ID	Lab Sample ID
<u>BCS-09-13_(7-7.5)</u>	<u>460-271282-1</u>
<u>BCS-09-16_(7-7.5)</u>	<u>460-271282-2</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison

Job Number: 460-271282-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: Moisture

RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-271282-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 12/14/2022 09:07 End Date: 12/14/2022 09:07

Lab Sample ID	D / F	T y p e	Time	Analytes																
				% S o l	M o i s t															
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
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ZZZZZZ			09:07																	
ZZZZZZ			09:07																	
ZZZZZZ			09:07																	

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-271282-1
SDG No.: _____
Instrument ID: NOEQUIP Method: Moisture
Start Date: 12/14/2022 22:06 End Date: 12/15/2022 05:18

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-271282-1

Batch: 883122
Method: Moisture

Analyst Initials: MVA
Instrument: No Equipment

Lab Sample ID: 460-271286-A-1 DU

Analysis Date: Dec 14, 2022 09:07

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.8484848484848	%
Percent Solids	None	1	95.1515151515152	%

Lab Sample ID: 460-271282-D-1

Analysis Date: Dec 14, 2022 09:07

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.4782116581777	%
Percent Solids	None	1	84.5217883418223	%

Batch: 883269
Method: Moisture

Analyst Initials: CJC
Instrument: No Equipment

Lab Sample ID: 460-271282-A-2

Analysis Date: Dec 14, 2022 22:06

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	17.6470588235294	%
Percent Solids	None	1	82.3529411764706	%

Lab Sample ID: 460-271282-A-2 DU

Analysis Date: Dec 14, 2022 22:06

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.6726862302483	%
Percent Solids	None	1	85.3273137697517	%

Lab Sample ID: 460-271077-A-1 MS

Analysis Date: Dec 15, 2022 05:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.5390070921986	%
Percent Solids	None	1	85.4609929078014	%

Lab Sample ID: 460-271077-A-1 MSD

Analysis Date: Dec 15, 2022 05:18

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.5390070921986	%
Percent Solids	None	1	85.4609929078014	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 883122 Batch Start Date: 12/14/22 09:07 Batch Analyst: Acierno, Mark

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid	
460-271286-A-1 DU		Moisture	T	28.59 g	31.89 g	31.73 g	4.8484848484848 %	95.151515151515 2 %	
460-271282-D-1	BCS-09-13_(7-7.5)	Moisture	T	5.39 g	40.73 g	35.26 g	15.478211658177 7 %	84.521788341822 3 %	

Batch Notes	
Balance ID	106
Oven ID	microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-271282-1

SDG No.: _____

Batch Number: 883269 Batch Start Date: 12/14/22 22:06 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-271282-A-2	BCS-09-16_(7-7.5)	Moisture	T	41	26.88 g	31.47 g	30.66 g	17.647058823529 4 %	82.352941176470 6 %
460-271282-A-2 DU	BCS-09-16_(7-7.5)	Moisture	T	42	26.96 g	31.39 g	30.74 g	14.672686230248 3 %	85.327313769751 7 %
460-271077-A-1 MS		Moisture	T		28.12 g	33.76 g	32.94 g	14.539007092198 6 %	85.460992907801 4 %
460-271077-A-1 MSD		Moisture	T		28.12 g	33.76 g	32.94 g	14.539007092198 6 %	85.460992907801 4 %

Batch Notes	
Balance ID	106
Oven ID	DM3250
Thermometer ID	100
Date samples were placed in the oven	12/14/2022
Time samples were place in the oven	22:47
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	12/14/2022
Time Samples were removed from oven	23:09
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	MICROWAVE

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

Shipping and Receiving Documents

271282

Environment Testing
America

611125



Chain of Custody Record

Address:

TAL-8210

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Company Name: Bow Associates
 Address: 209 Shafter St
 City/State/Zip: Teladilla, NY 11749
 Phone: _____
 Fax: _____

Project Manager: Valor Santos Site Contact: J. Rulk Date: 12/13/22
 Tell/Email: vsantos@bow.com Lab Contact: M. Has Carrier: _____
 Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below
 2 weeks 2 days
 1 week 5 days
 2 days 1 day

Project Name: Inwood Lot 1
 PO #: 24720087002

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:	
								For Lab Use Only:	Walk-in Client:
<u>BCS-09-13-(7-7.5)</u>	<u>12/13</u>	<u>1300</u>	<u>G</u>	<u>So</u>	<u>4</u>			<u>Acetone</u>	<u>DDD</u>
<u>BCS-09-16-(7-7.5)</u>	<u>12/13</u>	<u>1310</u>	<u>G</u>	<u>So</u>	<u>1</u>			<u>XXX</u>	<u>DDT</u>



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Custody Seal No.: _____
 Relinquished by: _____
 Date/Time: 12/16/2022
 Company: Bow

Received by: _____
 Date/Time: 12/13/22 1200
 Company: Enviro

Relinquished by: _____
 Date/Time: 12/14/22
 Company: Enviro

Received in Laboratory by: _____
 Date/Time: 12/14/22
 Company: Enviro

Therm ID No.: _____
 Cooler Temp. (°C): Obs'd: _____
 Corr'd: _____

26/20 2024

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-271282-1

Login Number: 271282

List Source: Eurofins Edison

List Number: 1

Creator: Sgro, Angela M

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	