



Northeastern Analytical Corp.

ANALYTICAL REPORT

for

ROUX ASSOCIATES, INC.
775 Park Avenue
Suite 255
Huntington, New York 11743

Attention: Mr. Joseph Duminuco

TEST REPORT NO. NAC91L-3267

PROJECT: AMTRAK/Sunnyside
Queens, New York
#05509Y

<u>Client Designation</u>	<u>NAC Designation</u>	<u>Date Sampled</u>	<u>Time Sampled</u>	<u>Sampled By</u>	<u>Matrix</u>
MH-3	91L-3267-1	10-23-91	1337	Client	Aqueous
MH-7	91L-3267-2	10-23-91	1330	Client	Aqueous

Laboratory Name: Northeastern Analytical Corp.

NJ Certification No: 03117

NY Certification No: 11022

Name: Paul P. Painter

Title: Laboratory Director

Name: June S. Baker

Title: Quality Assurance Manager

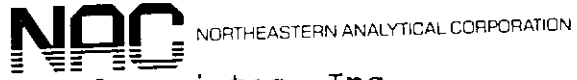
Date: November 21, 1991



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C. SAMPLE ANALYSIS REQUEST

- None Provided -



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D. CHAIN OF CUSTODY DOCUMENTS



CHAIN OF CUSTODY

No 00154

PAGE OF

Ground-Water Consultants

ROUX ASSOCIATES INC

PROJECT NAME

AMTRAK Sunnyside

PROJECT NUMBER

055294

PROJECT LOCATION

QUERAS, N.Y.

SAMPLER(S)

A. Gregory - P. BAREZAK

SAMPLE DESIGNATION/LOCATION

DATE COLLECTED

TIME COLLECTED

MH-3

10/23/91

13:37

MH-5

13:30

13:10

MATRIX SPIKE (MS)

13:10

MATRIX SPIKE DUB (MS)

ANALYSES

100 WTC
PHC (Amtrak)
TCL PCB (Amtrak)
TCL PCB (OR WTC)

TOTAL BOTTLES

PRESERVATION

2 Ice
2 Ice
2 Ice
2 Ice

RELINQUISHED BY: (SIGNATURE)

A. Gregory

DATE

10/23/91

SEAL INTACT Y OR N

Y

RECEIVED BY: (SIGNATURE)

[Signature]

DATE

10/24/91

SEAL INTACT Y OR N

Y

RECEIVED BY: (SIGNATURE)

[Signature]

DATE

11/00

SEAL INTACT Y OR N

Y

RELINQUISHED BY: (SIGNATURE)

[Signature]

DATE

SEAL INTACT Y OR N

RECEIVED BY: (SIGNATURE)

DATE

SEAL INTACT Y OR N

RECEIVED BY: (SIGNATURE)

DATE

SEAL INTACT Y OR N

DELIVERY METHOD

FED. EX

ANALYTICAL LABORATORY

N.A.C.

COMMENTS

MS/MSD Samples are to be sent to
7 day turnaround MHI-3 Per J. Daminaco @ Roux
Notify J. Daminaco verbally immediately of results
Per MHI-3 10/24/91



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E. METHODOLOGY REVIEW

. PCB's

EPA Method 608 - This method covers the determination of pesticides and polychlorinated biphenyls (PCB's) in samples by extraction/concentration with organic solvents and subsequent qualification/quantification by Gas Chromatography. The gas chromatograph utilizes an electron capture detector (ECD) which is applicable for the determination of the compounds listed for this method in the U.S.E.P.A. Manual entitled "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater".

. Petroleum Hydrocarbons by IR

The sample is extracted with freon and an Infrared Spectrophotometer (IR) method is used to determine petroleum hydrocarbon levels in aqueous matrices. The non-petroleum hydrocarbons are removed with silica gel and the extract is analyzed by IR against a series of standard mixtures. Reference method is EPA Methods for the Chemical Analysis of Water and Wastes, Revised, March 1983, Method 418.1.



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F. DATA SUMMARY PACKAGE

1. Non-Conformance Summary Report

- a. No dibutylchloroendate surrogate recoveries on samples 91L-3267-1S and 91L-3267-1SD due to dilution.
- b. Due to sample matrix interference in the spiked sample, the matrix spikes for PCB's were not recovered. However, the control sample demonstrated 100% recovery.



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F. DATA SUMMARY PACKAGE (Continued)

2. Quality Control Summary

a. Organics by GC

1. Surrogate Recovery Summary

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. Polychlorinated Biphenyl Surrogate Recoveries

<u>Sample Designation</u>	<u>% Recovery</u> <u>Dibutylchlorendate</u>
91L-3267-1	78
91L-3267-2	126
Method Blank	49
91L-3267-1S	*
91L-3267-1SD	*
Control	125
QC Limits	(20-166)

*: No surrogate recovery due to dilution.



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- F. DATA SUMMARY PACKAGE (Continued)
 - 2. Quality Control Summary (Continued)
 - a. Organics by GC (Continued)
 - 2. Method Blank Summary

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POLYCHLORINATED BIPHENYLS METHOD BLANK SUMMARY SHEET

LAB SAMPLE ID: METHOD BLANK 10/28 AQ

LAB FILE ID: A:OC2863

MATRIX: Aqueous

LEVEL: LOW

DATE ANALYZED: 10/30/91

TIME ANALYZED: 03:34

EXTRACTION METHOD: Sep Funnel

This method blank applies to the following Samples, MS and MSD

LAB SAMPLE ID	LAB FILE ID	INJECT DATE AND TIME
91L-3267-1	D:OC28129	10/31/91 11:39
91L-3267-2	D:OC28130	10/31/91 12:04
91L-3267-1MS	D:NOV617	11/07/91 01:21
91L-3267-1MSD	D:NOV618	11/07/91 01:56
Control	D:OC2892	10/30/91 18:32



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F. DATA SUMMARY PACKAGE (Continued)

2. Quality Control Summary (Continued)

a. Organics by GC (Continued)

3. Matrix Spike/Matrix Spike Duplicate Summary

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. Matrix Spike and Matrix Spike Duplicate Recoveries

<u>Parameter</u>	<u>Sample Spiked</u>	<u>Amount of Spike, ug</u>	<u>Initial % Recovery</u>	<u>Duplicate % Recovery</u>	<u>Relative % Difference</u>
PCB 1016	3267-1	10	*	*	*

* See Section F.1.b



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F. DATA SUMMARY PACKAGE (Continued)

2. Quality Control Summary (Continued)

b. Miscellaneous Parameters

1. Matrix Spike/Matrix Spike Duplicate Summary



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. Matrix Spike and Matrix Spike Duplicate Recoveries

<u>Parameter</u>	<u>Sample Spiked</u>	<u>Amount of Spike, ug</u>	<u>Initial % Recovery</u>	<u>Duplicate % Recovery</u>	<u>Relative % Difference</u>
PHC	3267-1	4,100	98	98	0

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F. DATA SUMMARY PACKAGE (Continued)

3. Sample Data Package

a. Organics by GC

1. Sample Result Summary and Method Detection
Limit

NORTHEASTERN ANALYTICAL CORP.
Report of Results

PCB ANALYSIS

Client: ROUX ASSOCIATES, INC. Report #: 3267
Client ID: MH-3 NAC ID: 3267-1
Date Extracted: 10/28/91 Date Analyzed: 10/31/91
Extraction Method: Separatory Funnel Dilution: 1
Sample wt/vol: 1000 mls Clean-Up: N
Matrix: Water
UNITS: ug/l

CAS NO:	COMPOUND	RESULT
12674-11-2	AROCLOR 1016	0.5 U
11104-28-2	AROCLOR 1221	0.5 U
11141-16-5	AROCLOR 1232	0.5 U
53469-21-9	AROCLOR 1242	0.5 U
12672-29-6	AROCLOR 1248	0.5 U
11097-69-1	AROCLOR 1254	1 U
11096-82-5	AROCLOR 1260	1 U

U - Indicates compound was analyzed for but not detected (eg. 10u), based on necessary concentration or dilution. The number is the minimum attainable detection limit for the sample.

NORTHEASTERN ANALYTICAL CORP.
Report of Results

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PCB ANALYSIS

Client: ROUX ASSOCIATES, INC. Report #: 3267
Client ID: MH-5 NAC ID: 3267-2
Date Extracted: 10/28/91 Date Analyzed: 10/31/91
Extraction Method: Separatory Funnel Dilution: 1
Sample wt/vol: 1000 mls Clean-Up: N
Matrix: Water
UNITS: ug/l

CAS NO:	COMPOUND	RESULT
12674-11-2	AROCLOR 1016	0.5 U
11104-28-2	AROCLOR 1221	0.5 U
11141-16-5	AROCLOR 1232	0.5 U
53469-21-9	AROCLOR 1242	0.5 U
12672-29-6	AROCLOR 1248	0.5 U
11097-69-1	AROCLOR 1254	1 U
11096-82-5	AROCLOR 1260	1 U

U - Indicates compound was analyzed for but not detected (eg. 10u), based on necessary concentration or dilution. The number is the minimum attainable detection limit for the sample.



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F. DATA SUMMARY PACKAGE (Continued)

3. Sample Data Package (Continued)

a. Organics by GC (Continued)

2. Sample Chromatograms, Quantitation Reports and
Mass Spectra

***** 10-31-1991 12:05:05 Version 5.1 *****
 * Sample Name: 91L-3267-1 Data File: D:0028129 *
 * Date: 10-31-1991 11:39:12 Method: M608 *
 * Interface: 0 Cycle#: 129 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

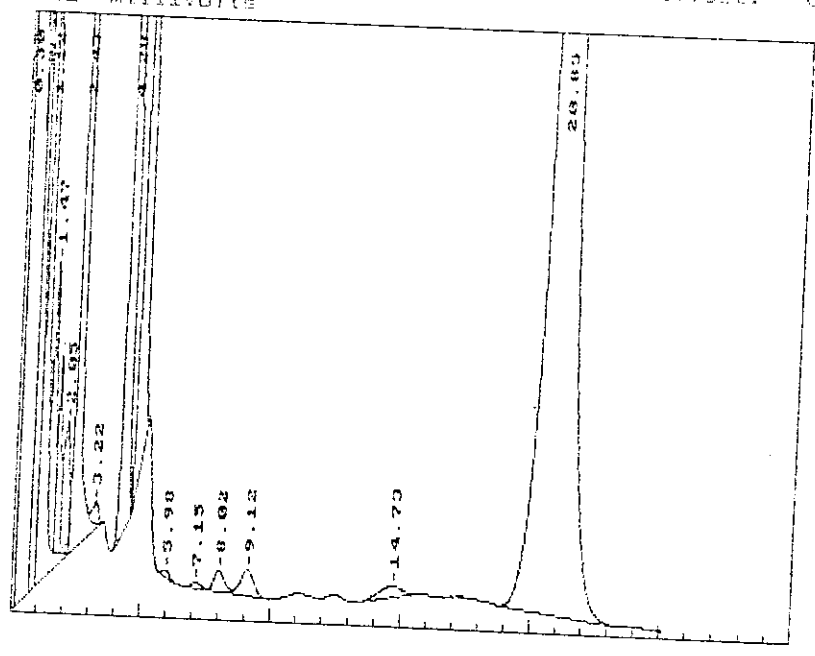
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR: 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 30.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.300	6765965	25.7510	2	540824	68.377	12.9
2	0.650	826952	3.1473	2	179709	8.397	4.6
3	1.117	1136656	4.3261	3	156129	11.487	7.3
4	1.467	184256	0.7013	4	15425	1.862	11.9
5	1.717	111692	0.4251	4	10816	1.129	10.3
6	2.050	129946	0.4946	4	7199	1.313	18.0
7	2.433	2115802	8.0526	3	251349	21.382	8.4
8	3.217	19011	0.0724	4	1152	0.192	16.5
9	4.283	2820597	10.7731	1	262045	28.606	10.2
10	4.933	2123143	8.0806	1	208336	21.436	10.2
11	5.983	6175	0.0235	1	358	0.032	17.4
12	7.150	7448	0.0283	2	273	0.075	27.3
13	8.917	31772	0.1209	2	1115	0.321	28.5
14	9.117	48788	0.1857	2	1395	0.492	35.0
15	14.733	41280	0.1571	1	645	0.417	54.0
16	20.850	9895137	37.6604	1	211800	100.000	46.7

Total Area: 36274620 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:0028129.AIR
 Data File = D:0028129.PTS Printed on 10-31-1991 at 12:05:10
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



 * Sample Name: 91L-3267-2 Data File: D:0028130 *
 * Date: 10-31-1991 12:04:40 Method: N608 *
 * Interface: 0 Cycle#: 130 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

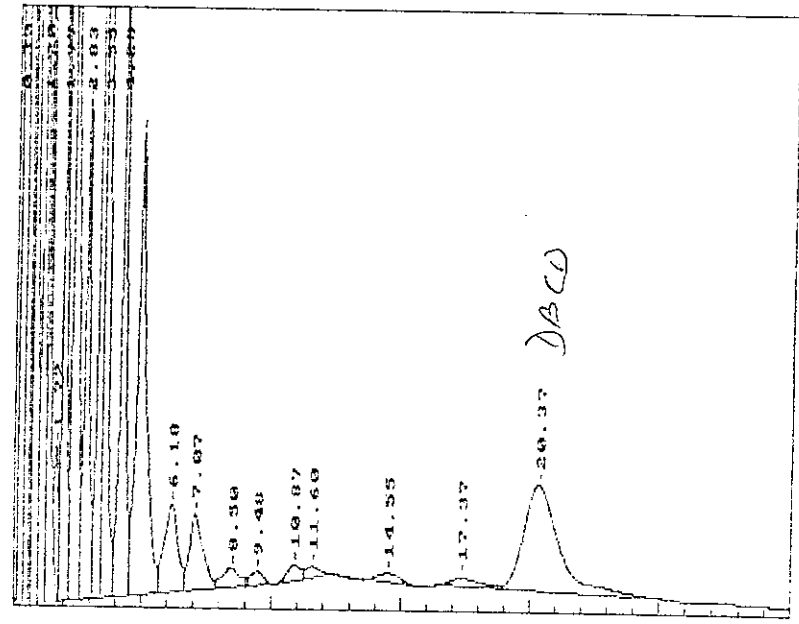
 * Instrument Type: TRACOR 540 SN B71275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR: 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 30.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.300	3239053	20.6568	2	426093	100.000	7.6
2	0.517	1840931	11.7407	2	233272	56.937	7.9
3	0.683	740853	4.7247	2	153345	22.873	4.8
4	0.853	1046811	6.6760	2	167472	32.318	6.3
5	1.200	1015389	6.4756	2	220547	31.348	4.6
6	1.417	394389	2.5152	3	60160	12.176	6.6
7	1.717	86359	0.5508	4	7665	2.666	11.3
8	1.967	939768	5.9933	2	172115	29.014	5.5
9	2.333	1310544	8.3579	2	185146	40.461	7.1
10	2.833	349501	2.2289	2	26836	10.790	13.0
11	3.350	405257	2.5845	2	39944	12.512	10.1
12	3.550	2167217	13.8213	2	227632	66.909	9.5
13	4.233	503992	3.2142	2	36302	15.560	13.9
14	4.917	613125	3.9529	2	24860	18.991	24.7
15	6.185	175257	1.1177	2	4734	5.411	37.0
16	7.067	148463	0.9468	2	4037	4.584	36.3
17	8.500	50197	0.3201	2	1071	1.550	46.9
18	9.483	28277	0.1803	2	744	0.873	38.0
19	10.857	31345	0.1979	2	864	0.968	36.3
20	11.600	26039	0.1661	2	630	0.804	41.3
21	14.550	22009	0.1404	1	394	0.679	55.9
22	17.367	26522	0.1691	2	372	0.819	71.4
23	20.367	516956	3.2968	2	5575	15.960	92.7

Total Area: 15480302 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:0028130.AIR
 Data File = D:0028130.PTS Printed on 10-31-1991 at 12:34:27
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 mv.
 Full Range: 32 millivolts





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F. DATA SUMMARY PACKAGE (Continued)

3. Sample Data Package (Continued)

b. Miscellaneous Parameters

1. Sample Result Summary and Method Detection
Limit

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. Miscellaneous Parameters

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>91L-3267-1</u>	<u>Detection Limit</u>
Petroleum Hydrocarbons by IR	ND	1,000
Units	(ug/l)	(ug/l)

<u>Parameter</u>	<u>Sample Designation</u>	
	<u>91L-3267-2</u>	<u>Detection Limit</u>
Petroleum Hydrocarbons by IR	ND	1,000
Units	(ug/l)	(ug/l)

ND: Not Detected.



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G. STANDARDS DATA PACKAGE

1. Organics by GC/MS

a. Initial Calibration Data

GC PESTICIDE/PCB
CALIBRATION SUMMARY

NAC PROJECT: 911-3267

INITIAL CALIBRATION

Date of Analysis: Completed 6-20-91

Time of Analysis: 13:26:49

CONTINUING CALIBRATION

Date of Analysis: 10-31-91

Time of Analysis: 13:47:04

DBC RETENTION TIME SHIFT

Retention time (RT) shift for dibutylchlorodate (DBC) surrogate has been evaluated for all standards, blanks, samples and spikes. All RT's were within 2% difference (%D) of the initial standard:

Yes No

ENDRIN/DDT BREAKDOWN CHECK

Evaluation check for percent breakdown cannot exceed 20%. The Endrin/DDT degradation standard expressed as total degradation:

4,4'-DDT: 1.53 % Endrin: 0 % Inj. date/time: 10-28-91/18:07

4,4'-DDT: % Endrin: % Inj. date/time:

Comments: 5x5 Analysis Date 2 10/31/91

Analyst Signature: 

PESTICIDE/PCB INITIAL OR CONTINUING CALIBRATION DATA (INTERNAL STANDARD CALIBRATION)
 LABORATORY NAME: NORTHEASTERN ANALY CASE NUMBER: _____

LAB SAMPLE ID No.: 911-3267

CONTRACT No.: _____

INSTRUMENT ID: TRACOR 540 Dual FCO

CALIBRATION PERFORMED BY: K W ACOEN

CALIBRATION DATE AND TIME: 6-20-91 13:26:49

INITIAL CALIBRATION: CONTINUING CALIBRATION:

MAXIMUM NRSD IS 20.0%

INDICATE CONCENTRATIONS BELOW

(CHECK WHICH)

COMPOUND	RF 1	RF 2	RF 3	RF 4	RF 5	RF	NRSD	RF
Aldrin								
Alpha - BHC								
Beta - BHC								
Delta - BHC								
Gamma - BHC								
Alpha - Chloridane								
Gamma - Chloridane								
Tech. Chloridane								
Dieldrin								
Endosulfan I								
Endosulfan II								
Endosulfan Sulfate								
Endrin								
Endrin Aldehyde								
Endrin Ketone								
Heptachlor								
Heptachlor Epoxide								
Methoxychlor								
Toxaphene								
4,4'-DDD								
4,4'-DDE								
4,4'-DDT								
Arochlor 1016	0.78	1.17	1.04	0.90	0.75	0.93	17	
Arochlor 1221	0.41	0.48	0.46	0.42	0.48	0.43	8	
Arochlor 1232	0.026	0.033	0.038	0.040	0.046	0.036	18	
Arochlor 1242	1.2	1.0	0.94	0.89	0.78	0.956	15	
Arochlor 1248	0.026	0.024	0.031	0.021	0.039	0.029	20	
Arochlor 1254	0.031	0.037	0.044	0.049	0.05	0.042	17	
Arochlor 1260	0.15	0.16	0.21	0.15	0.12	0.16	19	
Alaclar								
Atrazine								
DCPA (Dacthal)								
Etridiazole								
Hexachlorobenzene								
Hexachlorocyclopentadiene								
cis-Nonaclor								
trans-Nonaclor								
cis-Permethrin								
trans-Permethrin								
Propaclor								
Simazine								
Triflurin								



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G. STANDARDS DATA PACKAGE (Continued)

1. Organics by GC (Continued)

b. Continuing Calibration Data

CONTRACT NUMBER:

GC COLUMN: 1.59.5P2250 1.959.5P2401

GC INSTRUMENT ID: 546
 CAL PERFORMED BY: DWLE ECO
R. W. Alden

DATE OF ANALYSIS: 6-19-91
 TIME OF ANALYSIS: 18:06:08
 LABORATORY ID: A1254 370
 CONC: 1.04 µg/ml

DATE OF ANALYSIS: 10-31-91
 TIME OF ANALYSIS: 12:49:09
 LABORATORY ID: A1254 370
 CONC: 1.04 µg/ml

COMPOUND	RT	RT WINDOW	CALIBRATION FACTOR	CONF OF QUANT	RT	CALIBRATION FACTOR	CONF OF QUANT	N OF
Aldrin								
Alpha - BHC								
Beta - BHC								
Delta - BHC								
Gamma - BHC								
Alpha - Chlordane								
Gamma - Chlordane								
Tech. Chlordane								
Dieldrin								
Endosulfan I								
Endosulfan II								
Endosulfan Sulfate								
Endrin								
Endrin Aldehyde								
Endrin Ketone								
Heptachlor								
Heptachlor Epoxide								
Methoxychlor								
Toxaphene								
4,4'-DDE								
4,4'-DDD								
4,4'-DDT								
Arochlor 1018								
Arochlor 1221								
Arochlor 1233								
Arochlor 1242								
Arochlor 1248								
Arochlor 1254	7.973	± 20*	4065084	Quant	7.419	3931372	Quant	
Arochlor 1260								
Alaclor								
ATPAZIDE								
DCPA (Dacthal)								
Etidiazole								
Hexachlorobenzene								
Hexachlorocyclopentadiene								
cis-Nonachlor								
trans-Nonachlor								
cis-Permethrin								
trans-Permethrin								
Propaclor								
Sinigrin								
Trifluralin								



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G. STANDARDS DATA PACKAGE (Continued)

1. Organics by GC (Continued)

c. Chromatograms and Quantitation Reports
of Standards

***** AREA PERCENT REPORT *****

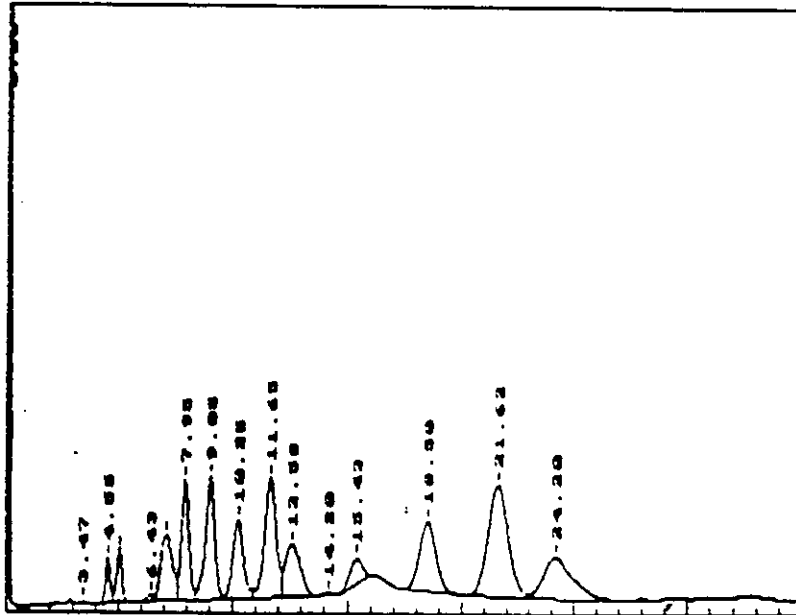
***** 06-20-1991 14:44:08 Version: 5.1 *****
 * Sample Name: A1250 0.25UG/ML Data File: D:\JNE194 *
 * Date: 06-19-1991 13:49:39 Method: D:\MB080 *
 * Interface: 0 Cycle#: 4 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP1230/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL: 2UL-CARRIER GAS: NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.233	291699	13.9678	1	108956	80.862	2.7
2	3.467	1447	0.0693	1	145	0.401	10.0
3	4.550	31555	1.5110	2	2313	8.747	13.6
4	5.030	42799	2.0494	2	2758	11.864	15.5
5	6.433	8250	0.3950	2	374	2.287	22.1
6	7.117	124048	5.9398	2	3477	34.387	35.7
7	7.950	145543	6.9692	2	6278	40.346	23.3
8	9.050	182679	8.7475	2	6725	50.641	29.9
9	10.230	130620	6.2546	2	4061	36.209	32.2
10	11.650	215853	10.3264	2	6186	59.791	34.9
11	12.583	129334	6.1931	2	2778	33.853	46.6
12	14.290	3044	0.1458	1	109	0.344	27.9
13	15.433	49170	2.3544	1	1317	13.630	37.3
14	18.500	185548	8.8948	1	3631	51.436	51.1
15	21.617	360736	17.2736	2	5805	100.000	62.1
16	24.200	186247	8.9183	2	2128	51.630	87.5

Total Area: 2088366 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE194.ATB
 Data File = D:\JNE194.PTS Printed on 06-20-1991 at 14:44:08
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 14:45:10 Version 5.1 *****
 * Sample Name: A1260 0.5UGXML Data File: D:JNE195 *
 * Date: 06-19-1991 14:33:29 Method: D:M8080 *
 * Interface: 0 Cycle#: 5 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

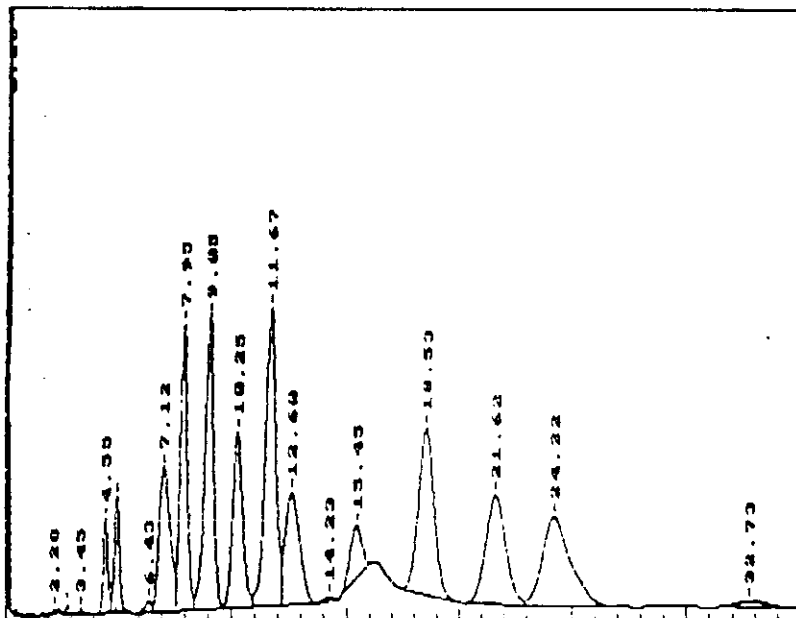
 * Instrument Type: TRACOR 540 SII 871175 Column Type: SP1250/SP1401 LHM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 130 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 0.1 CARRIER GAS NITROGEN *

 Starting Delay: 0.10 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Height
1	0.233	309481	8.1781	1	117976	62.080	2.6
2	2.133	1314	0.0043	1	240	0.303	6.4
3	2.867	4549	0.1196	1	483	0.912	9.4
4	3.450	4194	0.1107	1	314	0.941	13.4
5	4.550	65704	1.7278	2	4940	13.181	17.3
6	5.050	91203	2.3984	2	6042	16.296	15.1
7	6.433	13294	0.3496	2	655	2.667	20.3
8	7.117	257991	6.7843	2	7581	51.755	34.0
9	7.950	320290	8.4228	2	14958	64.253	21.4
10	9.050	299269	7.9998	2	13390	30.097	25.7
11	10.250	272764	7.1730	2	9146	54.719	29.8
12	11.667	498435	13.1089	2	15646	100.000	31.9
13	12.500	264366	6.9522	2	5893	53.034	44.9
14	14.233	6316	0.1713	1	232	1.307	23.1
15	15.430	101642	2.6729	1	2776	20.390	36.6
16	18.533	416036	10.9407	1	8569	83.460	43.5
17	21.617	351674	9.2482	2	5682	70.549	61.9
18	24.217	325853	10.4100	2	4670	79.411	84.8
19	32.733	27814	0.7314	1	323	5.580	86.1

Total Area: 3802637 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE195.ATB
 Data File = D:JNE195.PTS Printed on 06-20-1991 at 14:43:15
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



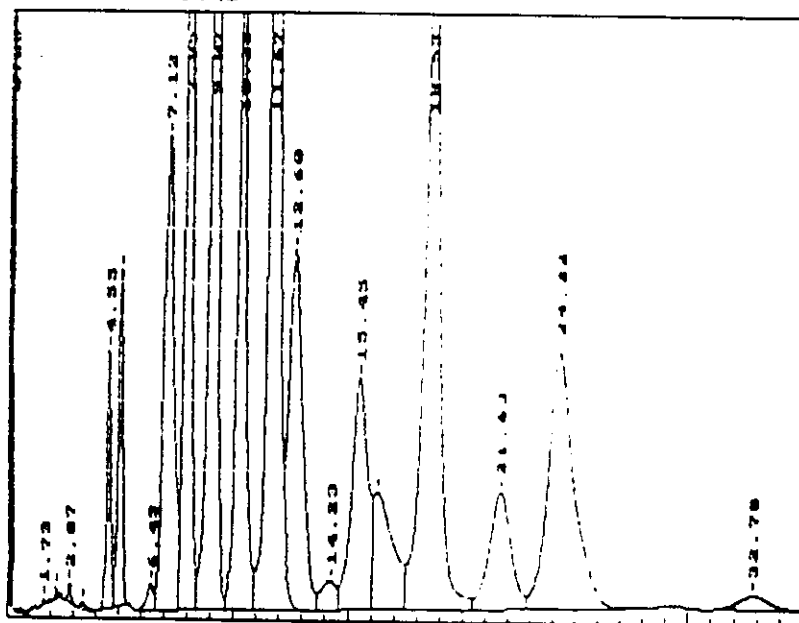
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:46:23 Version 5.1 *****
 * Sample Name: A1250 1.0UG/NL Data File: D:\JNE196 *
 * Date: 06-19-1991 15:08:56 Method: D:\M3060 *
 * Interface: 0 Cycle#: 6 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: 1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 871175 Column Type: SP215-0.5P2-1 IMM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 L INJ. TEMP: 200 C DETECTOR : 75A C *
 * Detector 0: ECU Detector 1: ECU *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *
 * Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	0.233	342433	2.2504	1	126044	9.791	2.8
2	1.733	2333	0.0154	2	391	0.041	6.5
3	3.283	3655	0.0231	2	633	0.170	9.6
4	3.667	10125	0.0654	1	1111	0.284	9.1
5	3.450	5138	0.0340	1	396	0.148	13.3
6	4.550	153310	1.0682	2	13567	4.630	12.2
7	5.000	242370	1.5631	2	17663	5.824	13.9
8	5.433	20520	0.1371	2	1480	0.857	20.6
9	7.117	751958	4.8553	2	25008	21.127	30.1
10	7.950	1976605	12.5056	2	142349	54.410	13.6
11	9.067	2395731	15.4708	2	146413	67.311	16.4
12	10.250	932355	6.0226	2	37623	23.204	24.8
13	11.667	3539259	22.9839	3	155331	100.000	21.5
14	12.200	773507	4.9949	4	18670	21.732	41.4
15	14.233	70934	0.4581	2	1551	1.993	45.7
16	15.450	590664	3.8142	2	12207	15.595	48.4
17	16.250	391036	2.5252	2	6307	10.987	62.0
18	18.533	1696733	10.7579	2	38601	47.677	44.0
19	21.633	424165	2.7390	2	6271	11.917	67.6
20	24.217	1082936	6.9931	2	13423	30.426	80.7
21	32.783	68040	0.4394	1	734	1.912	62.7

Total Area: 15483876 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE196.ATB
 Data File = D:\JNE196.PTS Printed on 06-20-1991 at 14:46:28
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



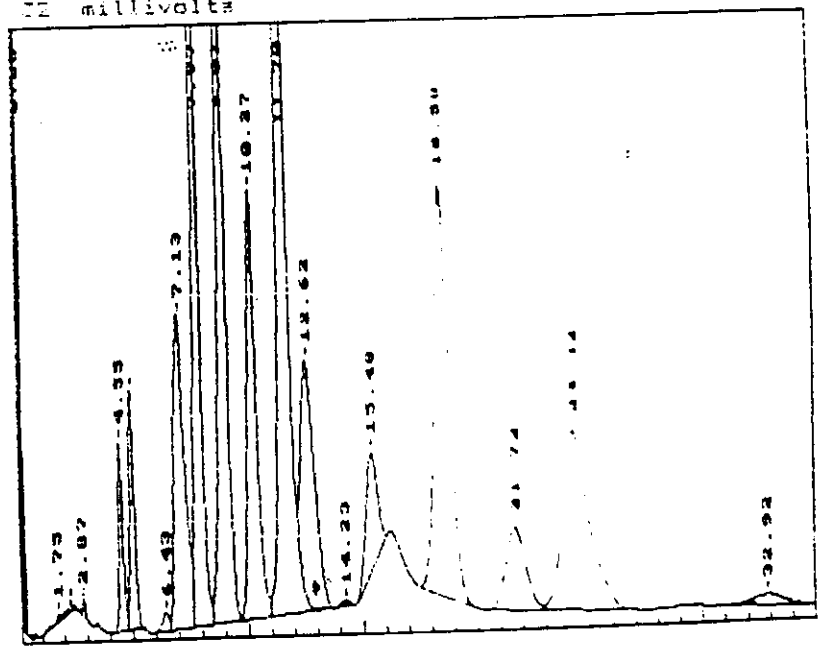
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:47:41 Version 5.1 *****
 * Sample Name: A1260 1.5UG/ML Data File: D:JNE197 *
 * Date: 06-19-1991 15:44:22 Method: D:MS080 *
 * Interface: 0 Cycle#: 7 Operator: KW Channel#: 0 V-Alt: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 871075 Column Type: SP2250/SP1401 2MM ID *
 * Solvent Description: *
 * Conditions: 100%HEXANE 200 IS INJ. TEMP:200 C DETECTOR : 300 C *
 * Detector: 0: ECD Detector 1: ECD *
 * Inj. Inflow: SAMPLE FOR CARRIER GAS NITROGEN *
 * Starting Date: 06/19/91 Run Time: 33.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	3.175	257671	0.5514	1	106140	17.299	2.7
2	4.333	4683	0.0143	2	332	0.141	10.2
3	5.125	7779	0.0958	2	549	0.468	12.8
4	6.267	3231	0.1015	1	913	0.494	9.0
5	7.125	124477	1.5297	2	9850	7.500	12.8
6	8.000	176195	2.1722	2	12423	10.518	14.3
7	9.483	20671	0.2558	2	1086	1.346	19.8
8	11.125	518622	6.4157	2	15313	11.251	31.8
9	12.837	856262	10.6019	2	57095	51.642	15.1
10	14.057	1077058	13.3254	2	86993	64.913	13.9
11	16.167	592613	7.3324	2	32351	35.716	26.5
12	17.700	1659232	20.5275	3	79096	100.000	11.2
13	18.817	515013	6.3722	4	12660	31.059	40.7
14	19.233	9486	0.1174	1	353	0.572	26.7
15	19.483	208572	2.5807	1	5836	12.370	35.7
16	19.583	934720	11.5653	1	21439	56.335	43.6
17	21.717	272511	3.3730	2	4400	16.430	62.0
18	24.017	761719	9.4247	2	9430	45.908	80.8
19	32.917	47443	0.5870	1	547	2.859	86.8

Total Area: 3082124 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE197.ATB
 Data File = D:JNE197.PTS Printed on 06-20-1991 at 14:47:47
 Start time: 0.00 min. Stop time: 33.00 min. Offset: 0 mv.
 Full Range: 12 millivolts



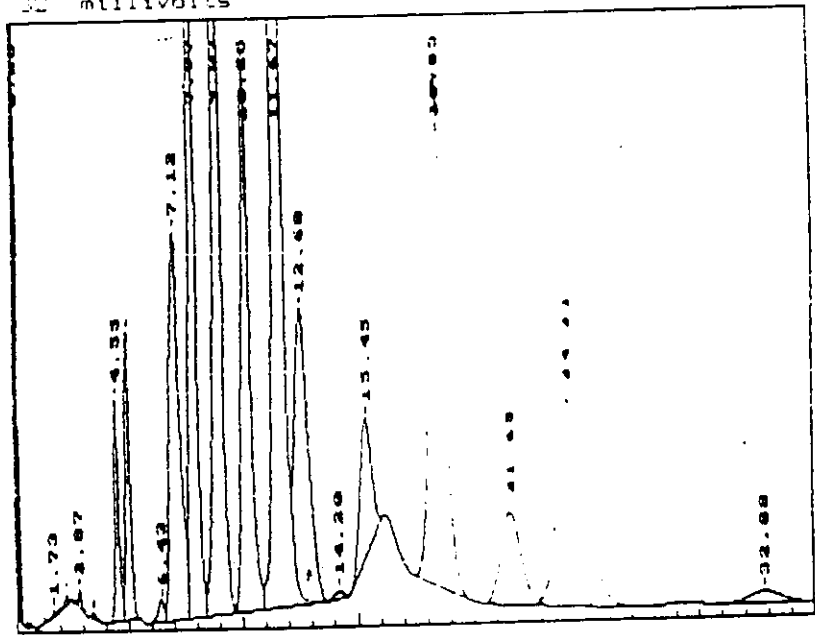
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:49:00 Version 5.1 *****
 * Sample Name: A1250 2.0UG/ML Data File: D:JNE178 *
 * Date: 06-19-1991 14:19:49 Method: MIB000 *
 * Interface: 0 Cycles#: 8 Oper: or KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: 11 Area Threshold: 1000 *
 * Instrument Type: THERMO 500 SERIES 75 Column Type: SPB200/SP2401 0MM ID *
 * Solvent Description: *
 * Conditions: INTERNAL 20% L INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 1: ECD Detector 2: ECD *
 * Inlet: INTERNAL SAMPLE INJ. CARRIER GAS NITROGEN *
 * Run Time: 25.00 *
 * Timing Delay: 0.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized L	Area/Height
1	0.250	112641	0.2956	1	120319	11.940	2.7
2	1.270	2050	0.0134	2	346	0.076	5.9
3	1.330	6748	0.0500	2	619	0.074	10.3
4	2.220	3326	0.0300	1	920	0.129	9.0
5	7.150	3854	0.0347	1	327	0.142	11.8
6	1.230	147091	1.2610	2	11366	5.332	12.4
7	8.000	297608	1.3635	2	15065	7.658	13.8
8	9.400	24174	0.1712	2	1212	2.392	19.9
9	1.230	10091	5.8990	2	29311	1.734	30.7
10	7.150	1320819	12.4777	2	109178	51.001	12.7
11	7.150	1021009	15.4672	2	117098	52.467	15.2
12	10.250	731931	5.5770	2	23229	23.729	25.3
13	11.657	2710982	24.3604	3	140641	100.000	19.3
14	12.200	505549	5.4414	4	15091	22.327	40.1
15	14.200	10901	0.0980	1	403	0.402	27.1
16	15.450	245049	2.2020	1	6914	9.039	33.4
17	18.550	1132218	10.2278	1	27176	41.985	41.9
18	21.650	306205	2.7515	2	5000	11.295	61.2
19	24.233	366329	7.7847	2	10884	11.956	79.6
20	32.383	56525	0.5079	1	615	1.035	91.9

Total Area: 11128637 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE178.AIG
 Data File = D:JNE178.PTS Printed on 06-20-1991 at 14:49:06
 Start time: 0.00 min. Stop time: 25.000 min. Offset: 0 mv.
 Full Range: 22 millivolts



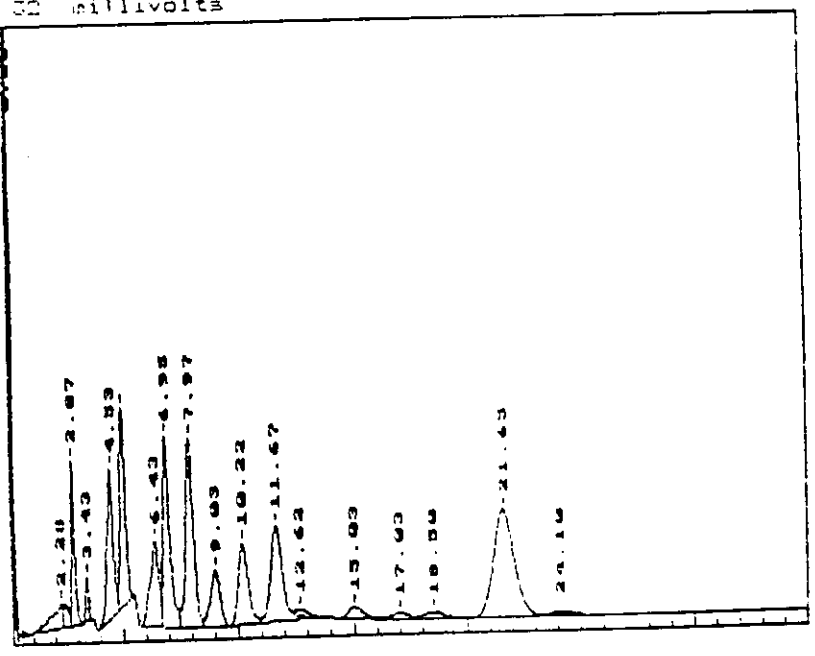
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:50:18 Version 5.1 *****
 * Sample Name: A1254 0.25UG/ML Data File: D:JNE199 *
 * Date: 06-19-1991 16:55:16 Method: D:MB080 *
 * Interface: 0 Cycle#: ? Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: SPACOR 540 SN 871075 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: 150NH3/1.200 C INJ. TEMP:200 C DETECTOR: 100 C *
 * Detector: ECD *
 * Method: SAMPLE VOL. DIL. CARRIER GAS NITROGEN *
 * Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	U L	Peak Ht.	Normalized %	Area Height
1	0.200	108713	3.7032	1	87287	40.049	2.4
2	1.200	37233	1.2412	2	1304	11.245	36.2
3	1.85 A1254	30947	4.1159	2	8153	25.308	9.9
4	2.475	21136	1.0494	1	1013	3.280	3.1
5	4.300	142764	7.9712	2	7473	41.095	19.1
6	5.267	153110	7.8217	2	10001	44.406	15.3
7	6.457	115570	3.7245	2	4369	22.489	26.0
8	8.200	138207	9.8371	2	2832	25.777	20.6
9	7.267	111219	11.5069	2	5686	65.047	24.2
10	9.100	31097	1.1219	2	3511	24.506	20.0
11	10.217	126420	6.2617	2	4735	25.305	29.9
12	11.667	173069	8.9198	3	4915	50.011	36.2
13	12.617	14469	0.7166	4	391	4.064	37.0
14	15.033	27744	1.3381	2	621	7.348	45.0
15	17.033	14797	0.7329	2	297	4.156	49.9
16	18.500	21753	1.0765	2	369	6.104	38.9
17	21.650 A1254	352060	17.6358	2	5544	100.000	64.2
18	24.100 A1254	17568	0.8701	2	254	4.934	69.2

Total Area: 2016957 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE199.ATB
 Data File = D:JNE199.PTS Printed on 06-20-1991 at 14:50:24
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

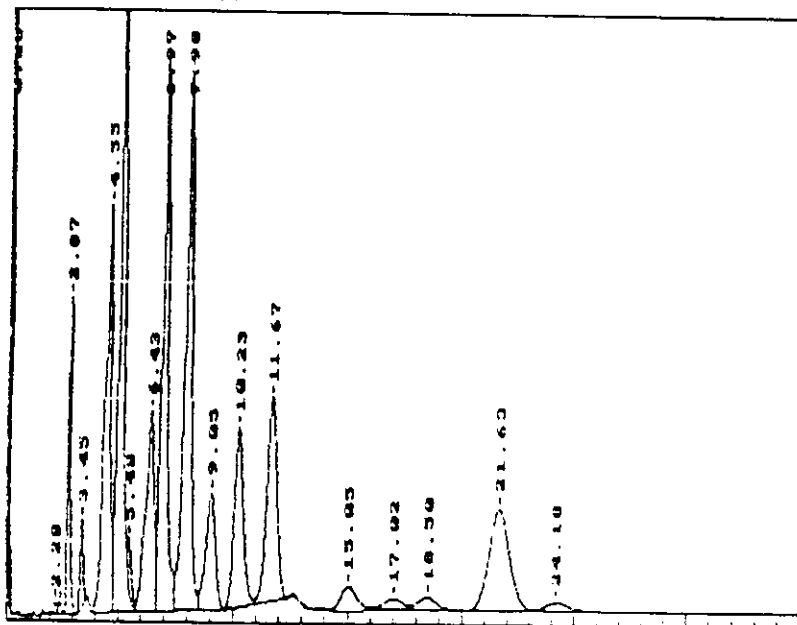
***** 06-20-1991 14:31:16 Version 3.1 *****
 * Sample Name: A125- 0.5UG/ML Data File: D:\JNE1910 *
 * Date: 06-19-1991 17:20:42 Method: D:\M6090 *
 * Interfaced: 0 Cycle#: 10 Operator: KN Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: 45MCR 500 GN 071275 Column Type: SP2130-92A1 2PM 10 *
 * Solvent Description: *
 * Conditions: 401BERNAL D 100 100 TEMPERATURE: 150.0 *
 * Detector: 600 Network: 600 *
 * Method Information: 401BERNAL VIAL 0.5UG/ML-CARRIER GAS 10.0000 *

 Start Time: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Height
1	2.173	311494	0.4411	1	108223	37.188	2.1
2	2.223	4145	0.1007	2	511	0.670	0.0
3	2.400	3370	0.1255	2	399	0.937	0.1
4	2.637	107303	0.2854	2	18337	11.933	3.0
5	3.430	11051	0.2954	1	4574	6.811	2.0
6	4.150	127135	2.8635	2	21510	22.981	18.3
7	5.445	374183	10.3213	3	26470	29.557	15.7
8	5.441	41403	1.0998	4	1933	6.902	14.1
9	6.473	256733	6.9382	2	10734	44.888	20.0
10	6.757	532414	13.8648	1	39333	87.926	17.9
11	7.783	600987	14.8314	2	38315	100.000	21.2
12	7.930	183276	4.4619	2	5194	30.478	29.6
13	10.233	256734	6.2399	2	9299	42.647	27.6
14	11.637	313833	7.7634	2	10489	53.060	30.4
15	13.050	63133	1.5370	2	1297	10.505	48.7
16	17.017	39216	0.9547	2	664	6.523	59.1
17	18.500	43809	1.1152	2	735	7.522	62.4
18	21.633	344877	8.3962	2	5452	57.385	63.5
19	24.183	33076	0.8053	2	458	5.504	72.3

Total Area: 4107523 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1910.A18
 Data File = D:\JNE1910.PTS Printed on 06-20-1991 at 14:31:42
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



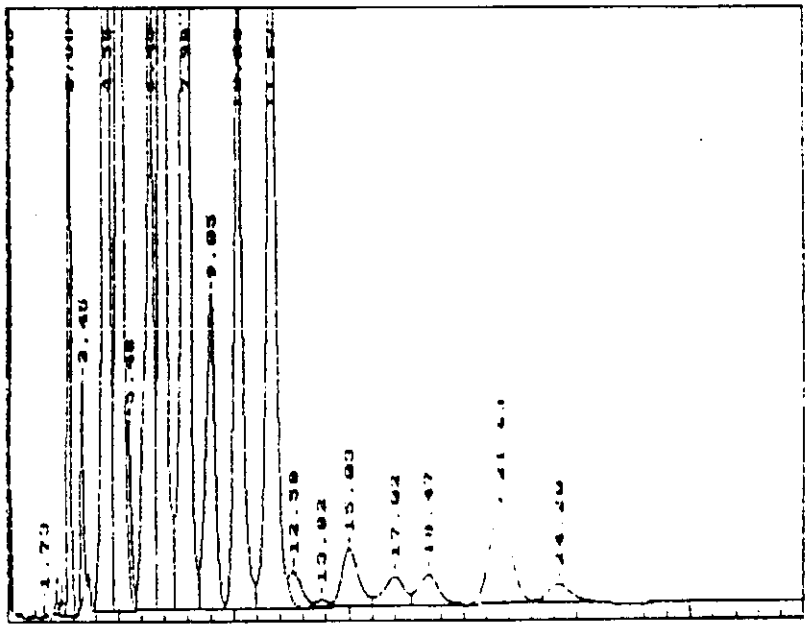
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***** 06-20-1991 15:47:12 Version 3.1 *****
* Sample Name: A1254 1.0UG/NL                               Data File: 0:JUNE1911
* Date: 06-19-1991 14:55:05 Method: D:MB050
* Interface: 0 Cycle#: 11 Operator KW Channel#: 0 Vial#: N.A.
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
*****
* Instrument Type: TRACOR 540 SM 971275 Column Type: S-2250/SP2401 2MM ID
* Solvent Description:
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C
* Detector 0: ECD Detector 1: ECD
* Misc. Information: SAMPLE VOL 0.10 MICROLITER GAS NITROGEN
*****
Starting Delay: 0.00 Run Time: 35.00
    
```

PK No.	Ret. Time	Peak Area	Area %	Peak Ht.	Normalized %	Area Height
1	0.100	301708	1.7547	102625	1.451	3.0
2	1.185	7001	0.0130	571	0.031	0.7
3	2.285 (A1254)	3137	0.0177	1128	0.020	0.9
4	2.403	7179	0.0179	316	0.030	0.9
5	2.683	78516	0.4281	144563	0.4811	5.3
6	3.450	24202	0.48	11152	0.717	6.4
7	4.650	1481047	13.7719	495267	41.141	12.7
8	6.083	3726100	19.4210	247503	37.117	18.1
9	6.403	108135	0.3402	7350	0.390	13.4
10	6.450	348791	4.2023	41358	10.117	16.3
11	6.787	3739970	19.3951	237150	40.495	13.7
12	7.790	403334	2.0350	22007	100.000	18.2
13	9.050	48115	0.2162	16267	11.103	17.6
14	10.173	131283	4.0212	32817	19.233	23.9
15	11.667	1160743	5.7844	46122	16.624	26.0
16	12.782	51010	0.2114	1377	1.551	17.8
17	13.917	15269	0.0784	393	0.275	13.5
18	15.003	193743	0.7801	2756	1.712	33.0
19	17.017	98315	0.5045	1531	2.419	64.2
20	18.487	101211	0.5224	1575	2.505	63.3
21	21.633 D&C	349305	1.7923	5420	8.593	64.5
22	24.200 A1254	79657	0.4083	799	1.760	79.3

Total Area: 19489312 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JUNE1911.ATE
 Data File = D:JUNE1911.PTS Printed on 06-20-1991 at 15:47:19
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 20 millivolts



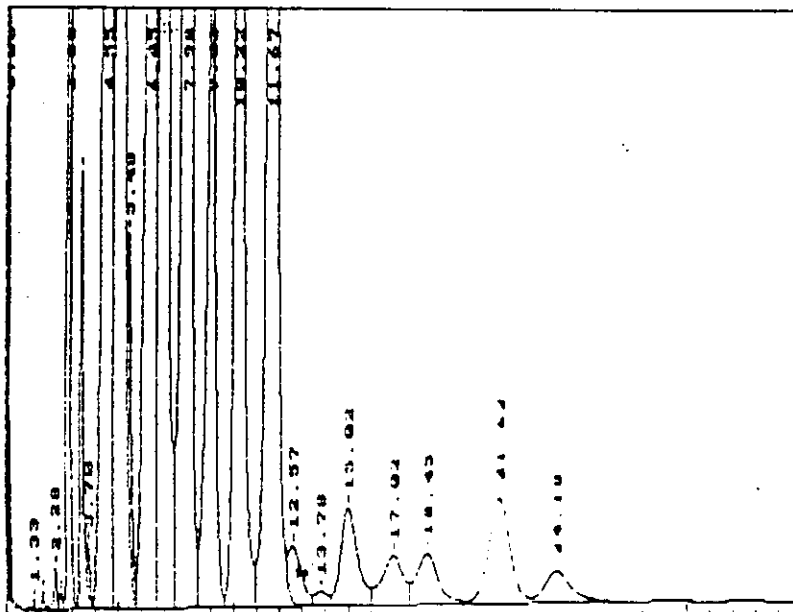
***** AREA PERCENT REPORT *****

06-21-1991 08:25:37 Version 3.1
 * Sample Name: A1134 1.3UG ML Data File: D:JNE1912
 * Date: 06-19-1991 13:41:36 Method: 0:M8060
 * Interface: 0 Cycle#: 12 Operator: KW Channel#: 0 Vial#: N.A.
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
 * Instrument Type: TRACOR 540 SN 871273 Column Type: SP2250/SP1401 2MM ID
 * Solvent Description:
 * Conditions: ISOTHERMAL 200 C INI. TEMP: 200 C DETECTOR : 100 C
 * Detector 0: ECD Detector 1: ECD
 * Misc. Information: SAMPLE VOL 2UL CARRIER GAS NITROGEN
 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Peak Ht.	Normalized %	Area Height
1	0.200	335329	0.9004	156438	5.397	2.0
2	1.200	2374	0.0066	537	0.009	4.9
3	1.775	5485	0.0150	729	0.023	6.1
4	3.387A 154	17649	0.0480	2211	0.069	9.7
5	3.507	8141	0.0236	978	0.112	9.3
6	3.863	197013	4.4176	260241	16.499	7.4
7	7.450	205532	4.4776	22104	2.875	9.1
8	3.700	27399	0.0679	7948	0.293	9.3
9	4.550	5073472	12.9329	239953	77.815	19.5
10	3.000	3851347	14.7724	226772	29.860	20.0
11	7.487	163365	0.4208	19906	2.522	12.4
12	7.450	7377462	3.2767	211927	43.770	17.1
13	8.967	6779324	15.8143	221676	92.983	21.1
14	7.987	7120333	15.3642	205080	100.000	23.9
15	7.073	777067	2.2405	43687	10.429	22.4
16	10.217	3934773	3.2022	192766	49.168	18.6
17	11.567	5190388	11.8776	219820	71.190	23.7
18	12.567	117390	0.2686	2945	1.610	39.9
19	13.782	31522	0.0721	761	0.422	41.4
20	15.017	288512	0.6145	5173	3.683	51.9
21	17.017	172043	0.3937	2621	2.360	65.7
22	18.450	177397	0.4066	2718	2.437	65.4
23	21.617	366824	0.8394	5598	5.031	65.5
24	24.183	140101	0.3206	1679	1.922	83.4

Total Area: 43699140 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1912.ATB
 Data File = D:JNE1912.PTS Printed on 06-21-1991 at 08:25:42
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



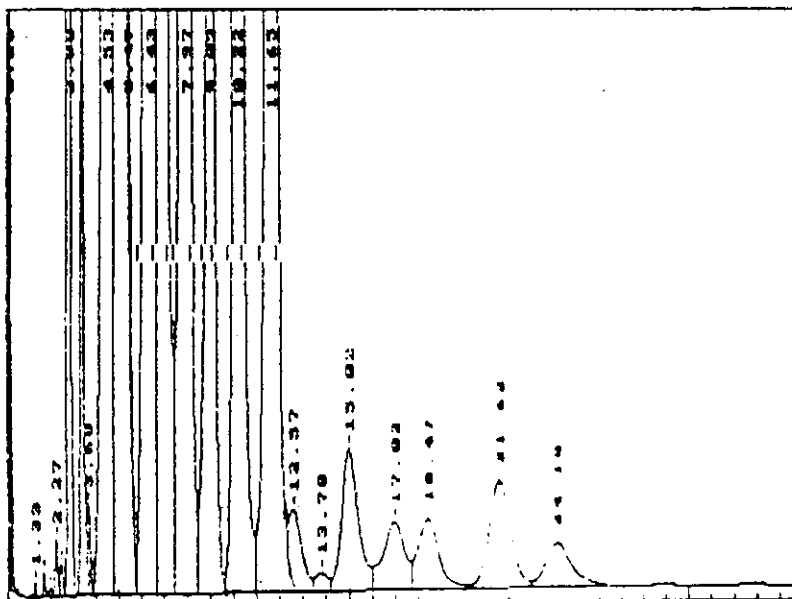
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:55:32 Version 5.1 *****
 * Sample Name: A1254 2.0UG/ML Data File: D:\JNE1913 *
 * Date: 06-19-1991 19:17:02 Method: D:\M8180 *
 * Interface: 0 Cycle#: 13 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2150/SP2401 0MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 0: ECU Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL CARRIER GAS NITROGEN *
 * Starting Delay: 0.00 Run Time: 75.00

PK No.	Ret. Time	Peak Area	Area %	Peak Ht.	Normalized Area	Area %
1	0.272	498330	0.7082	187129	5.147	2.7
2	1.213	7200	0.0057	304	2.949	4.8
3	1.733	7484	0.0114	2	0.097	0.9
4	2.033	4714	0.0072	2	0.049	10.2
5	2.267	12184	0.0079	2	0.250	7.3
6	2.500	13714	0.0249	2	0.137	7.7
7	2.883	2749590	4.1790	2	218709	8.6
8	3.433	449873	0.6870	3	67392	6.7
9	3.833	42150	0.0644	4	4347	9.7
10	4.537	3009063	12.2173	2	343065	23.3
11	5.067	9014641	13.7667	3	376709	23.9
12	5.437	205789	0.3143	4	20119	10.2
13	5.433	6599693	10.0785	2	278219	23.7
14	5.750	9127939	14.0466	2	371500	24.8
15	7.967	9546732	14.7321	2	352231	27.4
16	9.072	2330908	4.3232	2	164320	17.2
17	10.217	6264631	9.5670	2	250951	24.0
18	11.850	8284199	12.6512	3	279576	29.6
19	12.567	159911	0.2441	4	4080	39.2
20	13.783	41749	0.0631	4	1015	40.7
21	15.017	382031	0.5834	2	7511	50.9
22	17.017	240325	0.3670	2	3674	65.4
23	18.467	244222	0.3730	2	3800	64.3
24	21.617	333210	0.5852	2	5767	66.5
25	24.183	193242	0.2951	2	2337	62.7

Total Area: 35481460 Area Reject: 10 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1913.D
 Data File = D:\JNE1913.PTS Printed on 06-20-1991 at 14:55:30
 Start time: 0.00 min. Stop time: 75.00 min. Offset: 0 mv.
 Full Range: 22 millivolts



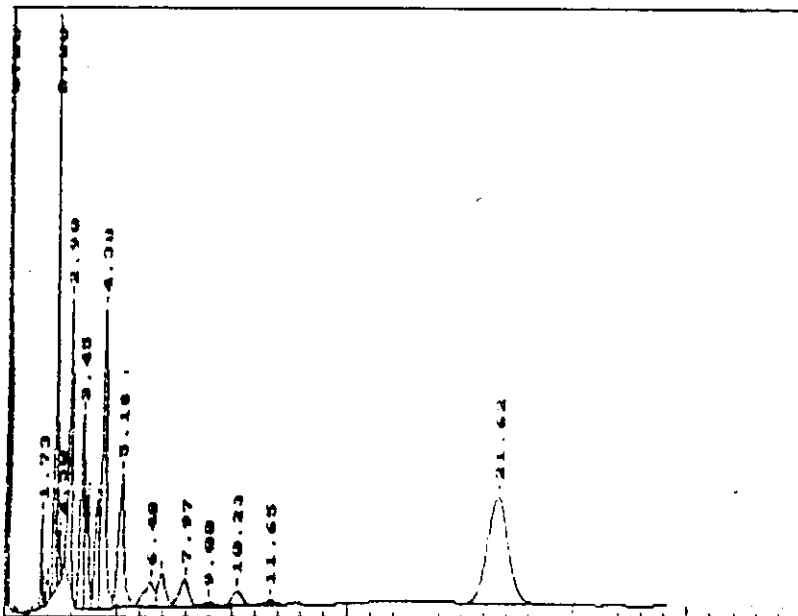
***** 06-20-1991 15:37:59 Version 3.1 *****
 * Sample Name: A1048 125UG/ML Data File: 0:JNE1940 *
 * Date: 06-20-1991 10:59:05 Method: D:MB080 *
 * Interface: 0 Cycle#: 40 Operator KW Channel#: 0 Via#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 071275 Column Type: SP2350/5P2101 2MN ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 330 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE 100.00L CUL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Height
1	1.23	756073	14.7091	1	139122	58.701	2.7
2	2.30	15371	0.0292	1	4923	7.228	1.2
3	3.45	3034	0.0058	2	1119	1.278	1.3
4	4.30	17120	0.3303	2	33701	47.401	5.1
5	5.40	17140	0.3301	2	2711	4.734	5.7
6	6.70	145345	2.8371	1	15122	49.302	7.6
7	7.40	104456	2.0330	2	10272	23.464	10.2
8	8.40	70865	1.3843	2	8022	17.667	11.8
9	9.10	20724	0.4041	2	5840	16.905	10.4
10	9.30	216206	4.2312	2	15908	33.311	14.3
11	9.45	128218	2.5042	2	7158	35.260	17.9
12	9.48	40737	0.7821	2	1281	11.357	32.5
13	9.75	42001	0.8078	2	1706	11.654	24.8
14	9.95	41989	0.8077	2	1394	11.623	20.0
15	9.98	8248	0.1581	2	181	1.748	24.7
16	10.25	21388	0.4131	1	743	6.073	29.5
17	11.65	5772	0.1103	1	181	1.588	21.6
18	21.617	360395	6.9454	1	5695	100.000	63.7

Total Area: 1947883 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1940.ATB
 Data File = D:\JNE1940.PTS Printed on 06-20-1991 at 15:38:04
 start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



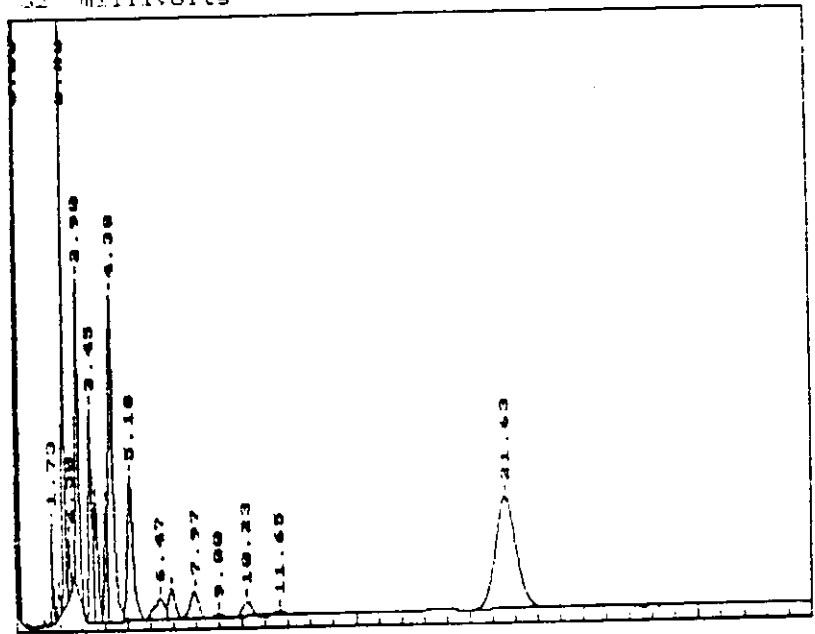
***** AREA PERCENT REPORT *****

***** 06-20-1991 14:57:58 Version 5.1 *****
 * Sample Name: A1248 0.25UG/ML Data File: D:JNE1915 *
 * Date: 06-19-1991 20:27:56 Method: D:MB060 *
 * Interface: 0 Cycle#: 15 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: BRALUR 540 SN 871075 Column Type: SP1250-SP2101 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 U INJ. TEMP: 200 C DETECTOR : 100 C *
 * Detector 0: ECD Detector 1: ECD *
 * Disc. Inform. : SAMPLE VOL 20UL-CARRIER GAS NITROGEN *
 * Starting Delay: 3.000 Run Time: 35.000

PK No.	Ret Time	Peak Area	Area %	PK L	PK Ht.	Normalized %	Peak Height
1	0.223	125128	17.2599	1	124048	87.780	3.5
2	1.223	26635	1.4133	1	5215	7.193	5.1
3	2.000	8787	0.4788	2	1151	2.231	7.2
4	2.385	190624	10.1734	2	37317	51.455	3.0
5	2.500	18227	0.9712	2	2920	4.949	5.3
6	2.900	158223	8.2700	1	13540	42.181	7.4
7	3.480	113206	6.0036	2	11110	20.551	10.2
8	3.685	72053	3.8774	2	6204	19.715	11.6
9	4.100	59713	3.1896	2	5089	13.115	9.8
10	4.200	258136	13.5434	2	17002	33.383	15.0
11	5.100	123297	7.1864	2	7568	26.540	17.9
12	6.487	37325	1.9811	2	1181	10.073	32.2
13	6.950	78040	1.9129	2	1607	9.725	22.4
14	7.787	39280	2.0849	2	1421	10.601	27.6
15	9.000	7189	0.3816	2	220	1.540	32.7
16	10.233	24323	1.2913	2	822	6.566	29.6
17	11.550	7474	0.3967	2	233	2.017	32.1
18	21.633	370543	19.6572	1	5854	100.000	63.3

Total Area: 1884065 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1915.ATR
 Data File = D:JNE1915.PTS Printed on 06-20-1991 at 14:58:03
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:27:50 Version 5.1 *****
 * Sample Name: A1243 0.50G/ML Data File: D:JNE1947 *
 * Date: 06-20-1991 14:24:12 Method: NG080 *
 * Interface: 0 Cycle#: 47 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

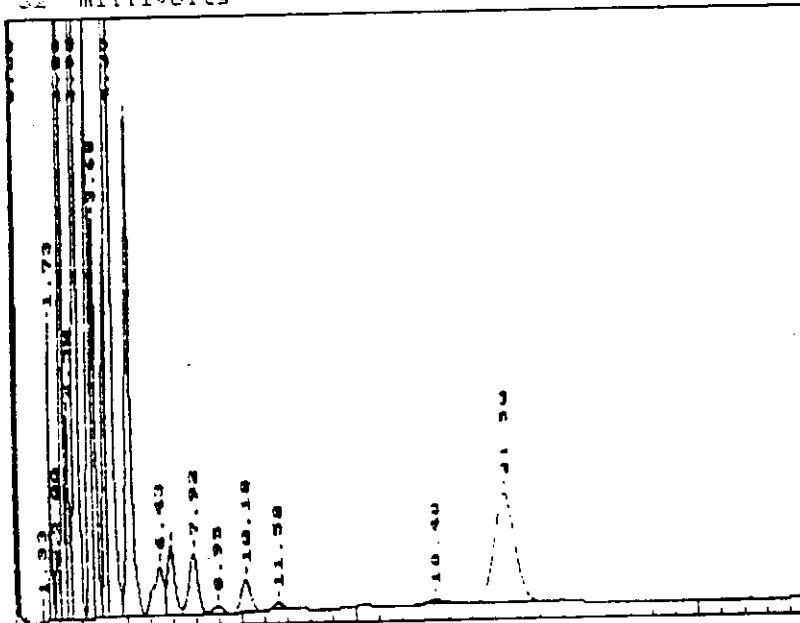
 * Instrument Type: TRACOR 640 ON BT1075 Column Type: SP2150/SP2401 LMSI 10 *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C INJECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Inlet Temperature: SAMPLE 200 C CARRIER GAS: NITROGEN *

 * Scaling factor: 1.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area/Height
1	0.175	469749	5.6344	1	139440	32.338	3.9
2	1.333	3178	0.0430	1	572	0.131	4.5
3	1.723	74435	0.9517	2	13332	4.248	4.8
4	3.000	32872	0.4613	2	7633	1.865	9.3
5	3.133	1482741	20.5347	2	257977	62.948	5.5
6	3.500	35285	0.4667	2	10522	4.369	8.0
7	3.900	1734008	19.6313	2	179533	79.021	7.7
8	3.433	366870	4.5029	2	49461	12.100	7.9
9	3.683	215875	2.6343	2	20828	12.367	10.4
10	4.117	138522	1.6673	2	18614	14.764	10.0
11	4.367	1751448	24.7806	2	175174	100.000	9.9
12	5.167	387381	4.7609	2	26305	22.118	14.7
13	6.433	81150	1.0402	2	2625	4.834	30.9
14	6.717	32972	0.4239	2	3741	4.737	22.2
15	7.917	87433	1.1254	2	3244	3.106	27.6
16	8.750	13464	0.1708	2	408	0.770	33.0
17	10.133	49876	0.7060	2	1733	2.649	28.8
18	11.583	11722	0.1659	2	381	0.669	30.8
19	13.483	12427	0.1758	1	224	0.710	55.4
20	21.500	361271	4.5115	1	5772	20.627	62.6

Total Area: 7067817 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1947.ATB
 Data File = D:JNE1947.PTS Printed on 06-20-1991 at 15:27:56
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA REPORT *****

45

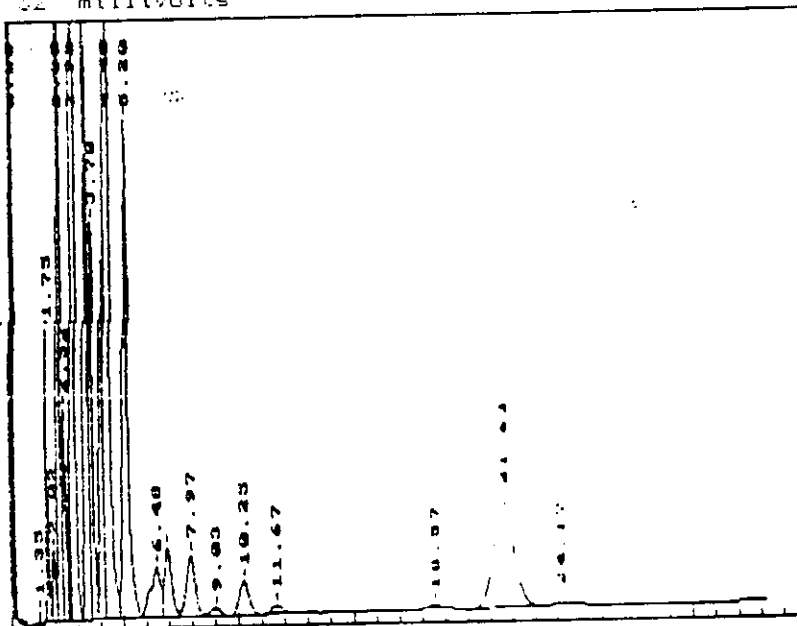
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***** 06-20-1991 15:41:54 Version 5.1 *****
* Sample Name: A1248 O.DUG.ML          Data File: D:JNE1943
* Date: 06-20-1991 12:21:10 Method: D:M8080
* Interface: 0 Cycle#: 40 Operator KW Channel#: 0 Vial#: N.A.
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
*****
* Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID
* Solvent Description:
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 300 C
* Detector 0: ECD Detector 1: ECD
* Misc. Information: SAMPLE VOL TUL-CARRIER GAS NITROGEN
*****
Starting Delay: 0.00 Run Time: 33.00
    
```

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.203	372119	5.5712	1	138500	22.270	2.7
2	1.150	3127	0.0454	1	873	0.131	4.3
3	1.750	24231	1.0516	2	15018	1.187	5.0
4	2.017	22382	0.4514	2	3597	1.341	9.1
5	2.200	1472592	20.8619	2	259547	32.400	5.7
6	2.917	37334	1.2262	2	10383	4.393	8.0
7	3.700	45472	0.6280	2	5774	1.546	7.9
8	3.917	1754027	19.0359	2	190002	75.235	7.6
9	3.967	402808	5.6651	2	51053	12.811	7.9
10	3.700	213104	3.0001	2	21004	12.100	10.3
11	4.100	176325	2.4740	2	18900	9.675	9.3
12	4.400	1735230	25.0582	2	176472	100.000	10.1
13	5.100	391765	5.4958	2	25460	11.925	11.8
14	6.433	30680	1.1317	2	3570	4.813	31.3
15	6.997	77258	1.0540	2	3575	4.265	21.2
16	7.767	34883	1.1711	2	3147	4.753	27.0
17	9.037	12907	0.1815	2	399	0.724	22.1
18	10.250	49060	0.6796	1	1733	2.722	28.7
19	11.607	12608	0.1773	1	396	0.703	31.9
20	13.567	8343	0.1171	1	178	0.467	46.9
21	21.633	347393	4.8742	1	5507	19.451	62.7
22	24.157	3759	0.0527	1	80	0.210	45.3

Total Area: 7127119 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1943.AIR
 Data File = D:JNE1943.PTS Printed on 06-20-1991 at 15:42:00
 Start time: 0.00 min. Stop time: 33.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



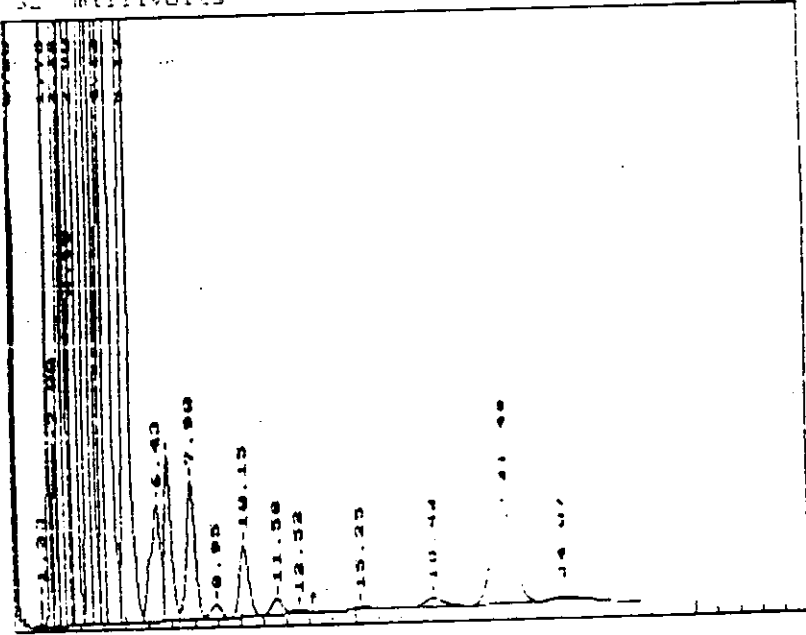
***** AREA PERCENT REPORT *****

***** 06-20-1991 15:45:35 Version 5.1 *****
 * Sample Name: A1248 1.0007ML Data File: D:JNE1946 *
 * Date: 06-20-1991 15:54:05 Method: D:MB080 *
 * Interface: 0 Cycle#: 48 Operator: NW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2200-SFD401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 300 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 1UL-CARRIER GAS NITROGEN *
 * Run Time: 13.00 *
 * Cleanup Delay: 1.00

PI No.	Ret Time	Peak Area	Area %	Height	Normalized %	Area/Height
1	0.277	494770	2.1950	166474	3.107	2.7
2	1.137	1458	0.0006	1458	0.121	3.5
3	1.771	413871	1.8473	136120	3.178	3.4
4	2.000	96480	0.4300	9648	1.427	3.0
5	2.161	1379953	6.1353	373224	30.137	7.6
6	2.830	21978	0.0098	41736	1.094	5.9
7	2.880	111495	0.4981	16787	3.086	6.2
8	2.900	111179	0.4967	117462	39.513	11.7
9	3.417	1301134	5.8797	266097	42.347	9.3
10	3.800	302346	1.3520	208100	37.866	9.8
11	4.117	1337348	5.9747	175067	14.696	7.6
12	4.367	816366	3.6441	112906	100.000	17.3
13	5.167	2703417	11.9900	118867	40.249	12.3
14	6.470	190170	0.8478	6124	1.511	31.0
15	6.900	179997	0.7946	8721	3.021	29.6
16	7.100	190836	0.8525	7320	1.524	26.1
17	8.750	26648	0.1182	501	0.492	33.2
18	10.150	107700	0.4697	3793	1.938	28.4
19	11.500	31584	0.1378	883	0.583	35.8
20	12.517	10666	0.0465	242	0.197	44.1
21	15.250	6282	0.0274	139	0.116	45.1
22	18.417	27949	0.1219	455	0.516	61.4
23	21.480	345561	1.5076	5517	6.182	62.6
24	24.067	18983	0.0828	260	0.350	72.9

Total Area: 22927296 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1946.ATB
 Data File = D:JNE1946.PTS Printed on 06-20-1991 at 15:46:00
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 30 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 14:59:18 Version 5.1 *****
 * Sample Name: #1243 1.00GZML Data File: D:JNE1916 *
 * Date: 06-19-1991 21:03:22 Method: D:M8080 *
 * Interface: 0 Cycles#: 15 Operator RW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

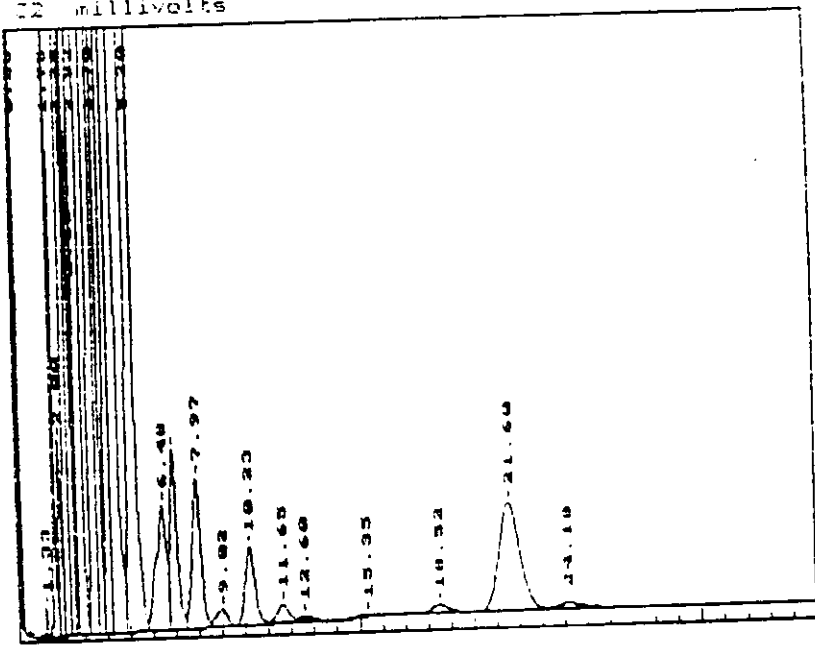
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 DIM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C (NO). TEMP:200 C DETECTOR : 200 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL. 2UL-CARRIER GAS NITROGEN *

 Starting 9.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	Height	Normalized %	Area Height
1	0.125	454657	1.7556	150587	7.615	2.2
2	0.135	3701	0.0262	1499	0.114	4.5
3	1.50 (243)	371613	2.1110	162950	3.320	3.5
4	2.000	73719	0.7817	10327	1.574	9.1
5	2.322	7113739	12.0462	398680	52.416	7.3
6	2.517	303690	1.2073	34415	3.379	6.2
7	2.585	102897	0.4748	17866	2.365	6.9
8	2.987	4137237	13.9753	342688	57.683	12.1
9	3.467	3979431	11.3045	282278	50.953	10.6
10	3.500	2147360	3.2916	300045	15.975	8.5
11	4.130	1617240	5.2447	192000	27.187	6.2
12	4.305	3552329	22.7845	336080	100.000	17.7
13	5.000	3138544	12.0030	241212	52.222	12.9
14	6.487	203370	0.7370	6320	3.424	30.8
15	6.967	302480	0.7818	9517	3.402	21.3
16	7.957	211782	0.8173	7941	3.558	26.7
17	9.017	32688	0.1262	918	0.549	35.6
18	10.233	120192	0.4641	4095	2.019	29.3
19	11.650	37048	0.1431	977	0.622	37.9
20	12.600	12171	0.0470	275	0.204	44.2
21	13.350	6716	0.0259	142	0.113	47.4
22	18.517	25719	0.1032	469	0.449	56.9
23	21.600	367734	1.4199	5776	6.179	63.7
24	24.183	25158	0.0971	313	0.423	60.4

Total Area: 25897996 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1916.ATB
 Data File = D:JNE1916.PTS Printed on 06-20-1991 at 14:59:23
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0.000
 Full Range: 12 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:00:35 Version 5.1 *****
 * Sample Name: A1243 1.5UG/NL Data File: 0:JNE1917 *
 * Date: 06-19-1991 21:38:47 Method: D:MS080 *
 * Interface: 0 Cycle#: 17 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

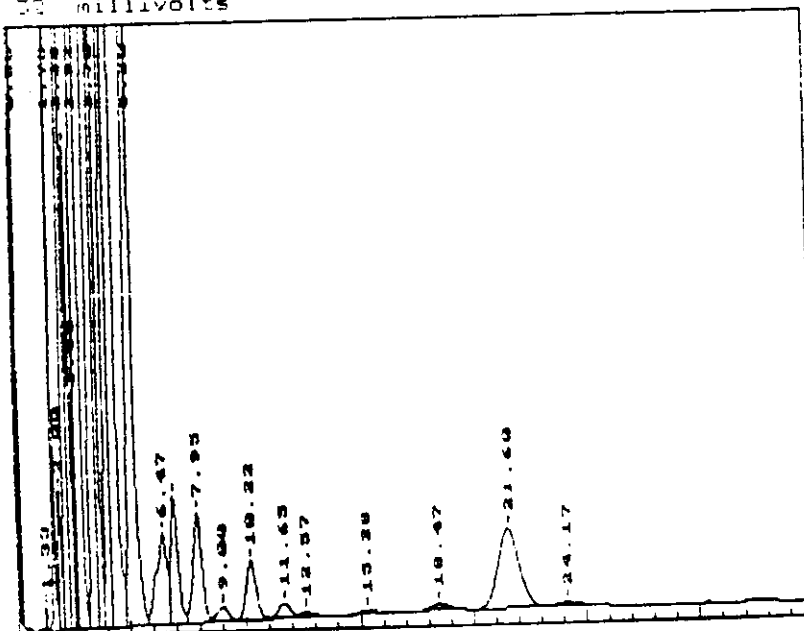
 * Instrument Type: TRACOR 540 SN 971275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 350 C *
 * Detector 1: ECD *
 * Misc. Information: SAMPLE VOL: 1.00 CARRIER GAS: NITROGEN *

 * Run Time: 35.00 *
 * Shutting Relay: *
 * * *

PK No.	Ret. Time	Peak Area	Area %	PK L	Peak Ht.	Normalized %	Area Height
1	0.250	369918	2.1131	1	133967	8.307	2.7
2	1.333	3771	0.0037	2	1172	0.121	4.6
3	1.733	216063	1.2342	2	53955	4.832	4.0
4	2.000	63773	0.3706	2	7333	1.876	9.3
5	2.250	1507203	14.5194	2	361514	57.474	7.1
6	2.500	109519	1.0332	2	25461	4.358	7.4
7	2.663	62873	0.4717	2	11826	1.864	7.0
8	2.917	3177757	18.1525	2	297305	71.362	10.7
9	3.257	1737814	11.0895	2	329231	43.918	9.3
10	3.750	1001065	5.7134	2	146004	22.431	6.2
11	4.100	264799	1.5261	2	95320	15.826	7.4
12	4.733	4431913	25.4367	2	292018	100.000	15.2
13	5.250	1824171	10.4203	2	177672	49.966	10.3
14	5.467	149322	0.8553	2	4791	7.385	31.3
15	6.767	145321	0.8301	2	6717	3.264	21.6
16	7.950	154137	0.8806	2	5755	3.462	26.8
17	9.000	24902	0.1423	2	717	0.559	34.7
18	10.217	90419	0.5165	2	3077	2.031	29.4
19	11.650	29148	0.1665	2	786	0.655	37.1
20	12.567	10678	0.0610	2	239	0.240	44.6
21	15.283	5268	0.0301	1	116	0.118	45.4
22	18.467	17931	0.1025	1	349	0.403	51.4
23	21.600	272551	1.5569	2	4226	6.121	64.5
24	24.167	15980	0.0913	2	223	0.359	71.7

Total Area: 17505906 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1917.ATD
 Data File = D:JNE1917.PTS Printed on 06-20-1991 at 15:00:41
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 33 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:01:56 Version 3.1 *****
 * Sample Name: A1248 2.0UG/ML Data File: D:JNE1918 *
 * Date: 06-19-1991 22:14:16 Method: D:MB060 *
 * Interface: 0 Cycle#: 18 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

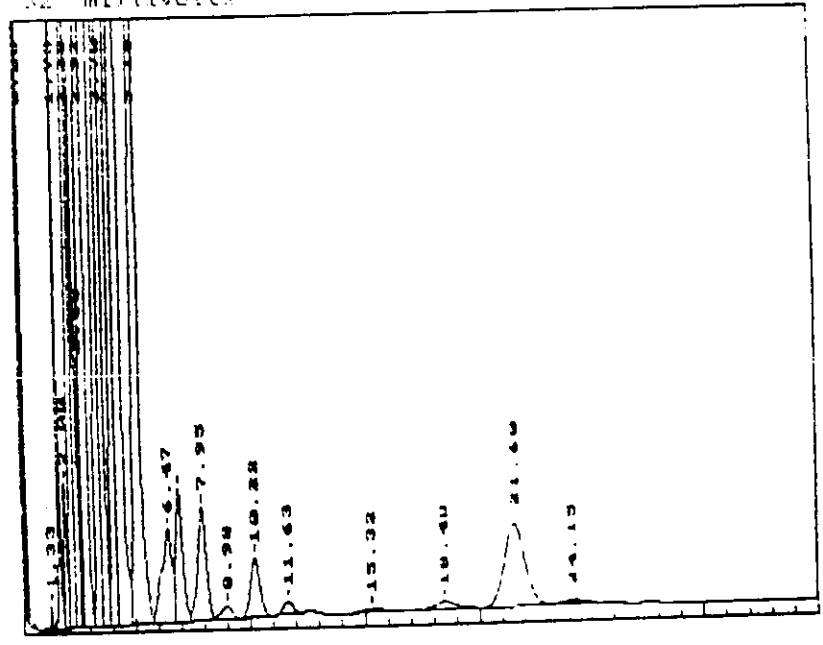
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 150 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B	C	Peak Ht.	Normalized %	Area/Height
1	0.150	369011	2.0703	1		140861	8.104	2.8
2	1.035	5547	0.0390	2		1213	0.116	4.3
3	1.733	261111	1.7541	2		67707	5.460	3.9
4	2.090	71017	0.3721	2		7597	1.439	9.3
5	2.293	2685036	13.9282	2		268679	59.747	7.2
6	2.500	207819	1.0947	2		28327	4.341	7.3
7	2.883	21942	0.4805	2		13242	1.923	6.9
8	2.917	3073941	17.6264	2		207262	73.539	11.0
9	3.467	2095008	10.7450	2		240795	43.907	8.7
10	3.799	1243073	6.5203	2		169716	26.077	7.4
11	4.130	733174	4.3752	2		124190	19.513	7.5
12	4.381	4731763	24.9945	2		303144	100.000	15.8
13	5.152	2078242	10.8574	2		193261	43.456	10.8
14	5.437	156513	0.8177	2		5011	3.275	31.0
15	6.950	150224	0.7848	2		7071	3.141	21.2
16	7.950	160615	0.8391	2		6015	3.358	23.7
17	8.983	24265	0.1268	2		711	0.507	34.1
18	10.217	90036	0.4704	2		3171	1.885	28.4
19	11.633	21130	0.1104	2		679	0.442	31.1
20	15.317	5561	0.0291	1		117	0.115	47.4
21	18.483	21825	0.1140	1		378	0.456	37.7
22	21.600	287822	1.5141	3		4476	3.060	64.8
23	24.150	16104	0.0841	4		223	0.337	72.3

Total Area: 19141290 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1918.ATB
 Data File = D:JNE1918.PTS Printed on 06-20-1991 at 15:02:01
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts

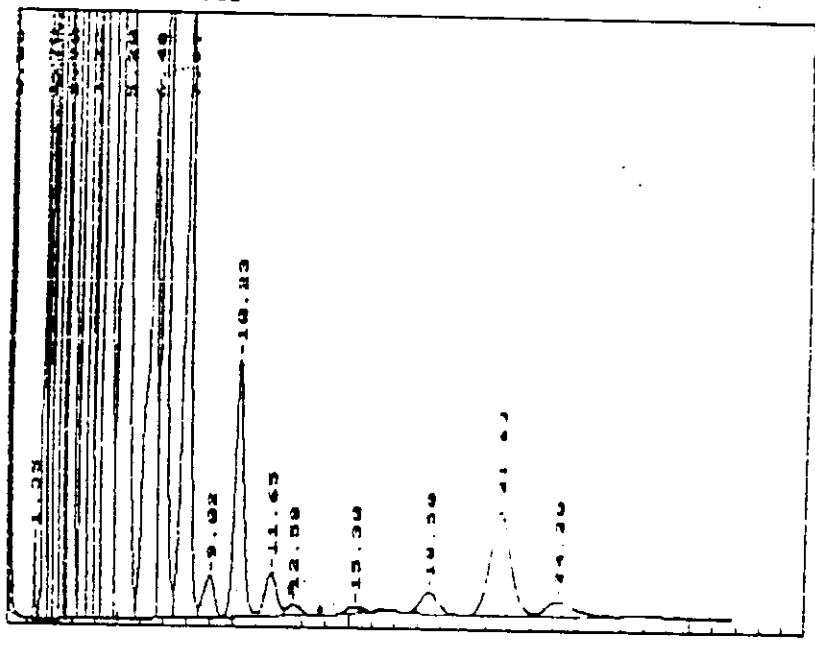


***** 06-20-1991 15:43:16 Version 5.1 *****
 * Sample Name: A1245 1.3UG.ML Data File: D:\JME1944
 * Date: 06-20-1991 12:54:41 Method: D:\MS030
 * Interface: 0 Cycle#: 44 Operator: KW Channel#: 0 Vial#: N.A.
 * Starting Peak Width: 10 Threshold: 1.1 Area Threshold: 1000
 * Instrument Type: IRACOR 540 SN 871275 Column Type: SP2230/SP2401 2MM ID
 * Solvent Description:
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 150 C
 * Detector 0: ECD Detector 1: ECD
 * Misc. Information: SAMPLE VOL CUL-CARRIER GAS NITROGEN
 * Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Peak Ht.	Normalized %	Area Height
1	0.250	721353	1.3657	1 270215	7.925	2.7
2	1.350	18276	0.0341	1 4043	0.178	4.5
3	1.750	1360905	2.4726	2 333893	20.196	3.5
4	1.917	257775	1.2312	2 117504	7.147	3.5
5	1.300	4725906	8.2446	2 474857	51.321	10.1
6	1.517	1495577	4.5570	2 298715	27.017	2.5
7	1.700	1654951	3.1443	2 219270	13.242	7.7
8	1.917	3241206	11.5127	2 433282	23.294	13.5
9	1.457	3337915	5.9575	2 323743	37.745	13.5
10	1.717	1844476	3.0001	2 154972	32.447	13.7
11	4.150	3588195	7.1397	2 338011	41.739	11.4
12	4.400	2236704	11.2353	2 425535	100.000	21.5
13	5.200	7790652	13.7915	2 757211	34.812	23.1
14	6.437	710305	1.2259	2 17533	7.572	23.2
15	6.967	907932	1.7051	2 37767	10.065	13.7
16	7.957	768125	1.4238	2 33728	8.213	20.9
17	9.017	75770	0.1377	2 2221	0.709	33.2
18	10.213	346701	0.6470	2 13390	3.733	23.9
19	11.650	32863	0.1546	2 2366	0.697	35.0
20	12.583	26246	0.0490	2 603	0.224	43.5
21	13.300	16210	0.0302	1 332	0.175	48.8
22	13.300	60124	0.1122	1 1117	0.651	53.3
23	21.633	348751	0.6508	2 5459	3.776	63.9
24	24.200	72138	0.1346	2 803	0.781	89.8

Total Area: 53588140 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JME1944.AFB
 Data File = D:\JME1944.PTS Printed on 06-20-1991 at 15:43:22
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

5

***** 06-20-1991 15:03:15 Version 3.1 *****
 * Sample Name: A1242 0.25UG/ML Data File: D:JNE1919 *
 * Date: 06-19-1991 22:49:42 Method: D:M8080 *
 * Interface: 0 Cycle#: 17 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

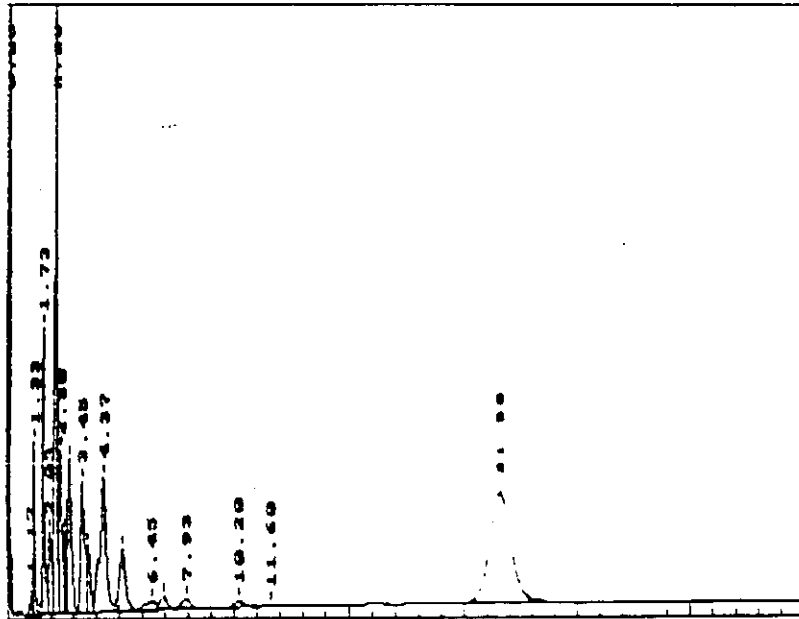
 * Instrument Type: TRACOR 540 ENH 1/275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 0.1UL CARRIER GAS NITROGEN *

 Starting Delay: 0.000 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	Height	Normalized %	Area Ratio
1	0.233	218342	12.7015	100588	34.487	2.1
2	1.337	7527	0.4332	1132	1.533	3.4
3	1.337	41216	2.4723	3823	10.475	4.3
4	1.733	35236	2.0905	14862	21.224	5.7
5	2.032	37157	2.1583	4172	9.343	8.2
6	2.333	401320	23.7258	21030	100.000	4.4
7	2.800	65177	3.8409	8283	15.465	8.0
8	2.833	33927	1.9592	4150	3.442	3.2
9	2.900	75217	4.3263	7884	27.592	12.1
10	3.133	73922	4.2303	8740	17.633	11.7
11	3.533	40221	2.3332	7410	10.000	11.0
12	4.167	137227	7.9733	3913	21.133	17.9
13	5.133	30320	1.7609	3106	13.009	19.1
14	5.450	16526	0.9597	493	4.115	23.5
15	5.950	15214	0.8830	662	3.786	23.0
16	7.933	13118	0.7773	527	1.781	23.7
17	10.200	10306	0.5991	325	2.564	31.7
18	11.600	2837	0.1646	84	0.706	33.7
19	21.583	358137	20.7861	5614	89.113	63.8

Total Area: 1722767 Area Rejects: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1919.A7B
 Data File = D:JNE1919.P7B Printed on 06-20-1991 at 15:03:21
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:04:35 Version 3.1 *****
 * Sample Name: A1242 0.5UG/NL Data File: D:JNE1920 *
 * Date: 06-19-1991 23:25:09 Method: D:MS080 *
 * Interface: 0 Cyclic#: 20 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

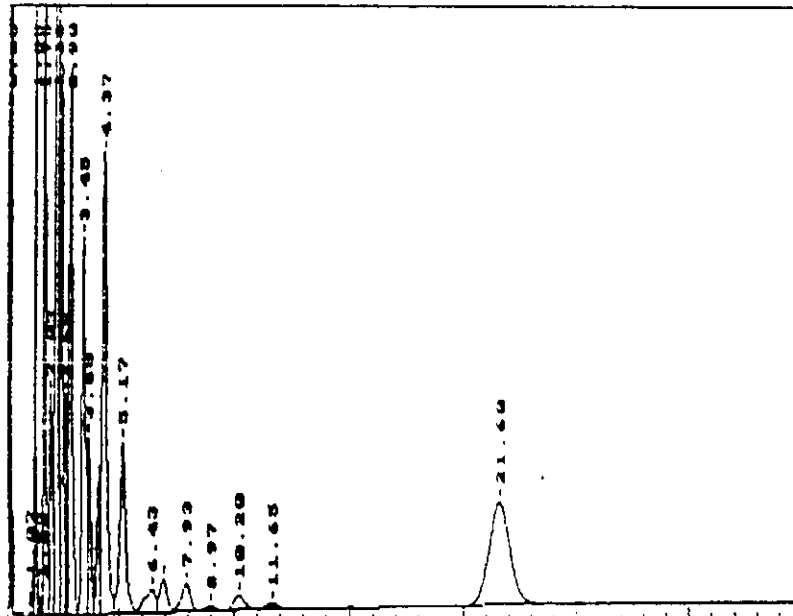
 * Instrument Type: TRACOR 540 SM 971275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR: 200 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	0.237	277960	5.4632	1	124371	13.847	2.3
2	1.067	5647	0.1110	2	1312	0.131	4.3
3	1.167	11458	0.2254	2	2624	0.571	4.4
4	1.737	137207	2.6936	2	35308	6.836	7.9
5	1.580	3247	0.1209	2	1107	0.311	3.5
6	1.737	570832	11.2269	2	182939	20.429	7.7
7	2.027	96779	1.9073	2	11519	4.231	8.4
8	2.231	2007375	39.4904	2	310779	100.000	6.5
9	2.500	191154	3.7605	2	27827	7.823	6.9
10	2.683	87338	1.7373	2	14421	4.450	7.8
11	2.900	293947	5.7827	2	29710	14.643	10.2
12	3.450	203238	4.0975	2	19475	10.375	10.7
13	3.687	102313	2.0167	2	9200	5.107	11.1
14	4.117	73485	1.4452	2	7034	3.660	10.4
15	4.267	333514	6.6095	2	22897	18.714	14.0
16	5.167	162485	3.1959	2	8894	8.093	18.3
17	6.433	42861	0.8432	2	1292	2.175	33.2
18	6.750	41194	0.8104	2	1910	2.052	22.3
19	7.933	42719	0.8404	2	1500	2.128	28.5
20	8.967	8737	0.1719	2	251	0.435	34.8
21	10.200	26600	0.5233	2	814	1.325	32.7
22	11.650	10657	0.2097	2	315	0.531	33.9
23	21.600	340185	6.6924	1	5347	16.947	63.6

Total Area: 5083192 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1920.ATB
 Data File = D:JNE1920.PTS Printed on 06-20-1991 at 15:04:41
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:07:14 Version 5.1 *****
 * Sample Name: A1242 1.5UG/ML Data File: D:\JNE1922 *
 * Date: 06-20-1991 00:36:02 Method: D:\M0090 *
 * Interface: 0 Cycle#: 22 Operator KW Channel#: 0 Vial#: N/A *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

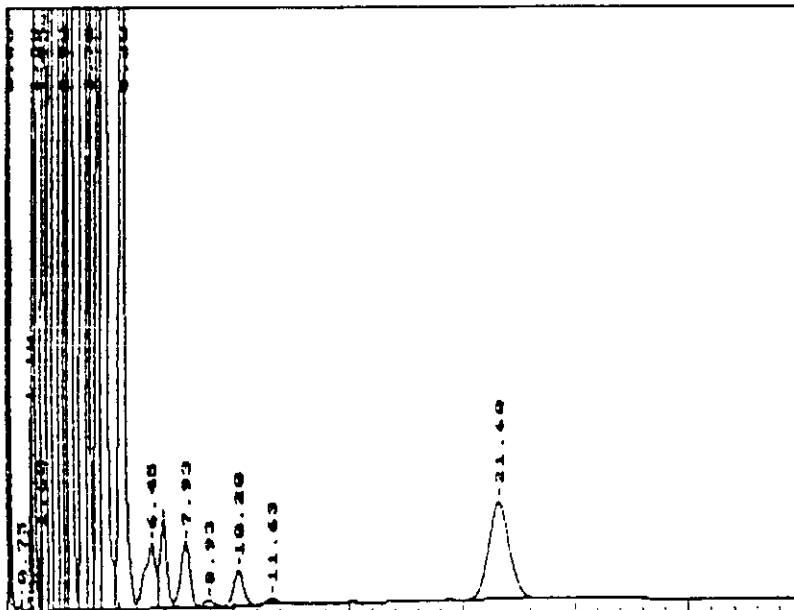
 * Instrument Type: TRACOR 540 SII 671275 Column Type: SPC250/SF2101 IMM 10 *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 0.100 CARRIER GAS NITROGEN *

 Starting Delay: 0.000 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.350	516549	1.7261	1	104701	10.779	2.9
2	0.730	2564	0.0087	1	643	0.054	4.0
3	1.083	15089	0.0512	2	4466	0.381	4.1
4	1.433 Area	47437	0.1470	2	10244	0.919	4.2
5	1.750	1449312	4.9005	2	312511	20.604	4.5
6	1.900	18933	0.0640	2	3726	0.400	5.1
7	1.750	2410737	8.1503	2	375129	50.809	6.4
8	2.000	1676785	5.6633	2	213013	35.401	7.7
9	2.220	4126277	13.6127	2	447933	100.000	10.6
10	2.510	2439019	8.1971	2	300443	51.778	9.3
11	2.700	1661130	5.6159	2	213806	35.072	7.6
12	2.910	7599711	25.0346	2	237084	19.137	13.0
13	3.060	2755702	9.1286	2	256505	59.253	10.8
14	3.200	1377172	4.4321	2	177895	10.277	9.9
15	4.130	520227	1.7689	2	61833	11.047	8.3
16	4.390	410761	13.3854	2	230046	35.715	14.7
17	3.200	1318656	4.4591	2	139409	27.241	9.5
18	6.450	112413	0.3801	2	3481	2.373	32.3
19	6.750	99774	0.3373	2	4681	2.107	21.3
20	7.930	98920	0.3344	2	3537	2.089	28.0
21	8.930	11092	0.0375	2	302	0.234	36.7
22	10.200	55779	0.1886	2	1911	1.179	29.2
23	11.630	10575	0.0358	2	315	0.223	33.5
24	21.600	336088	1.1362	1	5233	7.096	64.2

Total Area: 29578892 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1922.ATB
 Data File = D:\JNE1922.PTS Printed on 06-20-1991 at 15:07:19
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:05:53 Version 5.1 *****
 * Sample Name: A1242 1.0UG/ML Data File: D:JNE1921 *
 * Date: 06-20-1991 00:00:35 Method: D:M8080 *
 * Interface: 0 Cycle#: 21 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

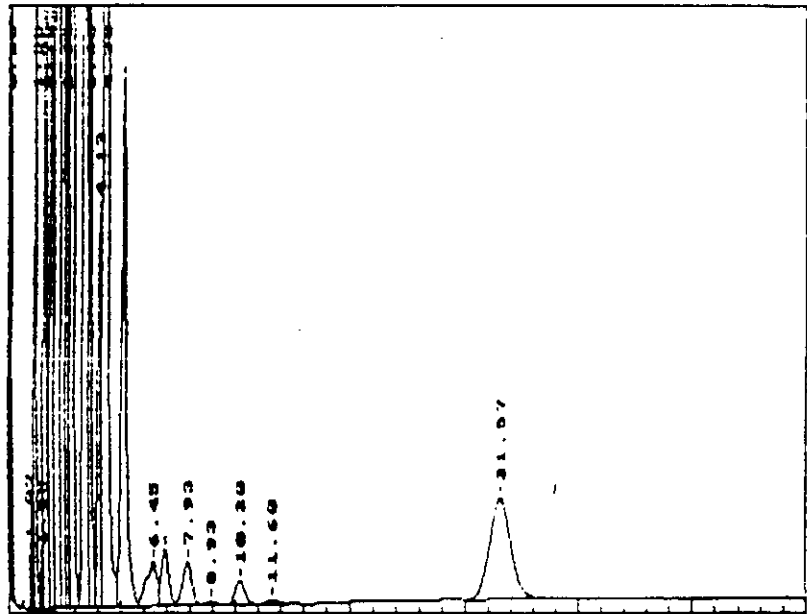
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 1UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.233	400078	0.3151	1	155547	11.257	3.6
2	1.097	11251	0.0751	2	2847	0.136	4.2
3	1.137	26657	0.1373	2	8194	0.150	4.3
4	1.350	927015	5.8004	2	258244	25.970	3.9
5	1.383	12867	0.0309	2	2471	0.0362	5.2
6	1.750	1717175	10.7917	2	510062	12.313	5.5
7	2.033	427931	2.5895	2	69108	12.042	6.2
8	2.333	3554101	22.3347	2	407654	100.000	8.7
9	2.317	1366384	9.3348	2	221351	38.459	6.2
10	2.681	377981	2.3753	2	52676	10.535	3.9
11	2.917	3067555	19.2678	2	122572	58.061	3.2
12	3.447	1025385	6.7015	2	150442	74.406	7.5
13	3.687	341477	2.1459	2	34833	9.608	9.8
14	4.133	197142	1.2739	2	20777	3.547	7.5
15	4.333	2249183	14.1343	2	203657	63.284	11.0
16	5.183	410354	2.5797	2	27897	11.545	14.7
17	6.450	76729	0.4822	2	2321	2.159	33.1
18	6.950	68303	0.4305	2	3053	1.927	22.4
19	7.933	67758	0.4258	3	2319	1.906	29.2
20	8.933	6903	0.0434	4	202	0.194	34.1
21	10.200	37365	0.2348	2	1272	1.051	29.4
22	11.600	7381	0.0464	2	225	0.208	32.8
23	21.567	341782	2.1478	1	5316	9.617	64.3

Total Area: 15912908 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1921.ATB
 Data File = D:JNE1921.PTS Printed on 06-20-1991 at 15:05:59
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



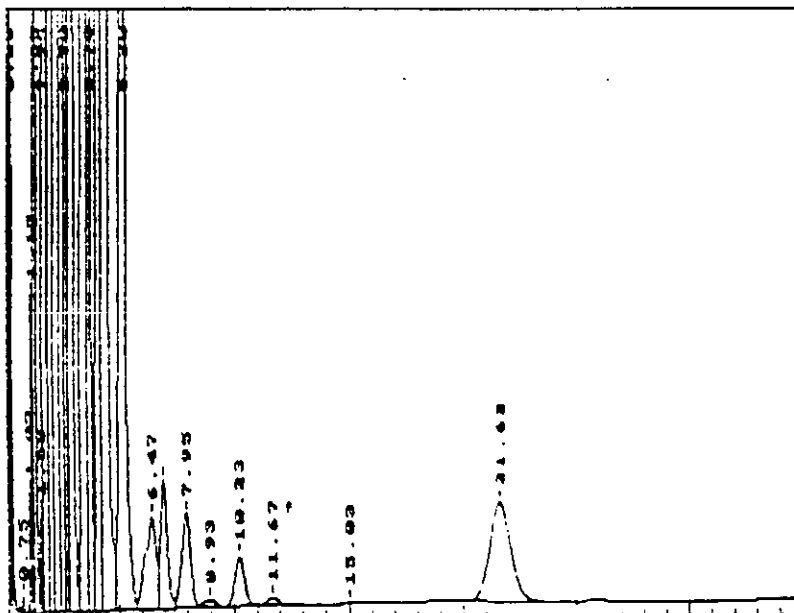
***** AREA PERCENT REPORT *****

***** 06-20-1991 15:08:34 Version 5.1 *****
 * Sample Name: ALI42 2.0UG/ML Data File: D:JNE1923 *
 * Date: 06-20-1991 01:11:29 Method: D:MS080 *
 * Interface: 0 Cycles#: 25 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
 * Instrument Type: TRACOR 340 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 200 C *
 * Detector 1: ECD *
 * Carrier Gas: NITROGEN *
 * Starting Volume: 0.00 Run Time: 25.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	0.250	501730	1.4234	1	210204	10.104	2.8
2	0.730	3077	0.0072	1	356	0.051	1.5
3	1.067	26141	0.0615	2	6423	0.436	4.1
4	1.167	65125	0.1556	2	15741	1.103	3.7
5	1.250	1814763	4.5054	2	264863	31.938	5.2
6	1.533	27383	0.0644	2	5767	0.437	5.1
7	1.750	2040475	5.1553	2	419994	50.722	7.2
8	2.057	2627702	6.9711	2	285758	42.328	8.7
9	2.283	5225349	14.1068	2	475847	100.000	12.3
10	2.57	2417400	6.0410	2	337481	37.001	9.7
11	2.700	2410163	5.6710	2	278555	40.201	9.7
12	2.917	4832474	11.5947	2	343309	31.554	14.0
13	3.457	3814077	8.9743	2	309055	53.617	12.3
14	3.700	2227072	6.4214	2	250516	45.520	10.7
15	4.100	1547848	3.6420	2	184636	25.617	3.4
16	4.333	3205394	13.6603	2	321218	76.335	17.5
17	5.200	2781567	6.5449	2	226213	46.795	12.3
18	6.467	157811	0.3713	2	4987	2.632	31.6
19	6.967	146043	0.3436	2	6813	2.436	21.4
20	7.950	142546	0.3354	3	5071	2.373	28.1
21	8.933	13371	0.0315	4	383	0.223	35.0
22	10.233	76148	0.1792	2	2631	1.270	28.7
23	11.667	13515	0.0318	2	412	0.223	32.8
24	15.033	2534	0.0060	1	68	0.042	37.4
25	21.617	335308	0.7890	1	5264	5.593	63.7

Total Area: 4249800 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1923.ATB
 Data File = D:JNE1923.PRS Printed on 06-20-1991 at 15:08:40
 Start time: 0.00 min. Stop time: 25.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** 06-20-1991 15:40:36 Version 5.1 *****
 * Sample Name: A1242 2.SUG.ML Data File: D:\JNE194: *
 * Date: 06-20-1991 11:54:54 Method: D:\M9080 *
 * Interface: 0 Cycle#: 42 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

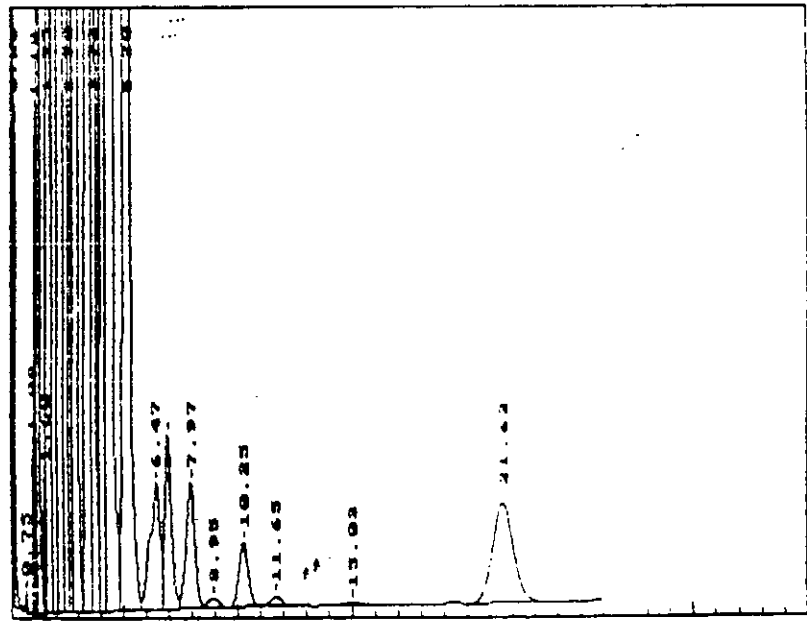
 * Instrument Type: TRACOR 340 24 371275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.20 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Height	Normalized %	Area/Height
1	0.250	702006	1.4102	1 250497	10.405	2.7
2	0.750	4090	0.0082	1 1120	0.061	3.6
3	1.007	24208	0.0484	2 8725	0.506	3.9
4	1.150	99364	0.1987	2 26747	1.171	3.8
5	1.350	2217685	4.4354	2 290777	72.814	5.7
6	1.600	74883	0.0149	2 7120	0.516	4.9
7	1.750	2454707	4.9094	2 428457	51.131	7.9
8	2.050	3204376	6.4088	2 318172	47.426	10.1
9	2.300	6354817	12.7096	2 435956	94.054	13.1
10	2.517	2250620	4.5012	2 377133	55.991	10.2
11	2.700	7000090	14.0002	2 310336	44.402	9.7
12	2.917	5263010	10.5260	2 371333	79.373	14.4
13	3.487	4465438	8.9309	2 334461	66.386	13.4
14	3.717	3211331	6.4227	2 282379	47.529	11.4
15	4.150	1989037	3.9781	2 228159	29.156	8.6
16	4.400	3755534	7.5111	2 354732	100.000	19.0
17	5.200	3773650	7.5473	2 260720	55.259	14.3
18	6.487	209510	0.4190	2 6707	3.101	31.2
19	6.983	192551	0.3851	2 9192	2.850	20.9
20	7.967	134754	0.2695	3 6681	2.734	27.7
21	8.950	16648	0.0333	4 477	0.246	34.9
22	10.250	97637	0.1953	2 3443	1.443	23.4
23	11.650	16428	0.0328	2 491	0.243	34.1
24	15.033	3497	0.0070	1 92	0.052	38.2
25	21.617	337969	0.6759	1 5349	5.002	63.2

Total Area: 49536332 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1942.ATB
 Data File = D:\JNE1942.PTS Printed on 06-20-1991 at 15:40:42
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:09:54 Version 5.1 *****
 * Sample Name: A1232 0.25UG/ML Data File: D:JNE1924 *
 * Date: 06-20-1991 01:46:55 Method: 0:M8080 *
 * Interface: 0 Cycle#: 24 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

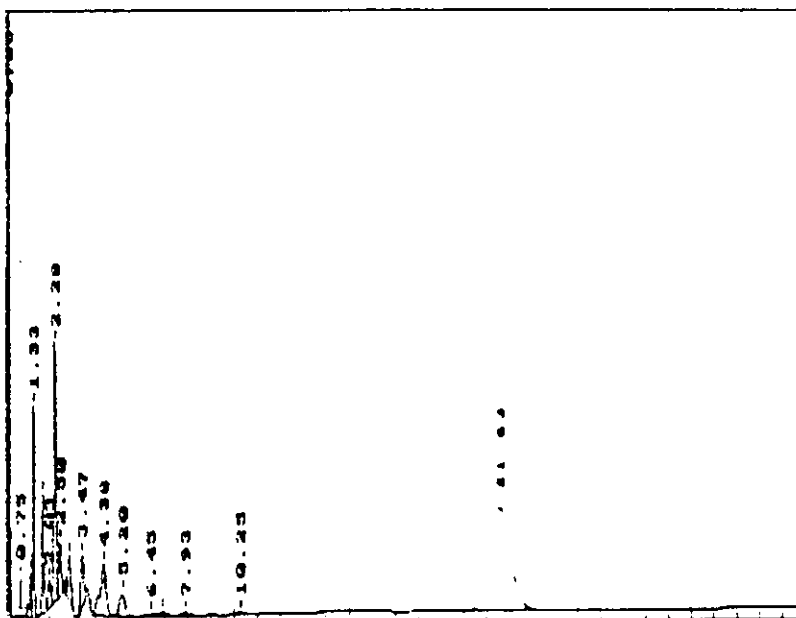
 * Instrument Type: TRACOR 540 BN 871273 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 700 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 0.01 CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time (min)	Peak Area	Area %	Height	Normalized Area %	Peak Height
1	0.75	362075	37.4064	101987	77.289	2.1
2	0.750	7525	0.7871	3157	2.320	3.5
3	1.1674-1.232	12957	1.3511	2290	3.556	5.3
4	1.133	52456	5.4866	10957	15.473	4.3
5	1.733	25735	2.7042	6114	10.955	5.9
6	2.000	19773	2.0688	1736	2.173	7.8
7	2.25	31004	3.2630	17471	24.050	6.1
8	2.500	17160	1.7748	1758	5.962	6.2
9	2.500	27477	2.8615	2377	5.914	9.9
10	3.467	22991	2.4047	2430	6.732	9.5
11	4.133	50071	5.2305	2659	14.864	12.0
12	5.000	21779	2.2779	1232	6.421	17.7
13	5.400	5459	0.5710	169	1.610	32.4
14	5.957	5608	0.5866	252	1.634	22.0
15	7.000	5051	0.5283	184	1.490	27.4
16	10.250	5029	0.5157	111	0.893	27.4
17	21.633	339022	35.4598	5332	100.000	63.6

Total Area: 956075 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1924.ATB
 Data File = D:JNE1924.PTG Printed on 06-20-1991 at 15:09:59
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:11:14 Version 3.1 *****
 * Sample Name: A1111 0.3UG/ML Data File: D:JNE1925 *
 * Date: 06-20-1991 02:22:22 Method: D:M8080 *
 * Interface: 0 Cycle#: 25 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

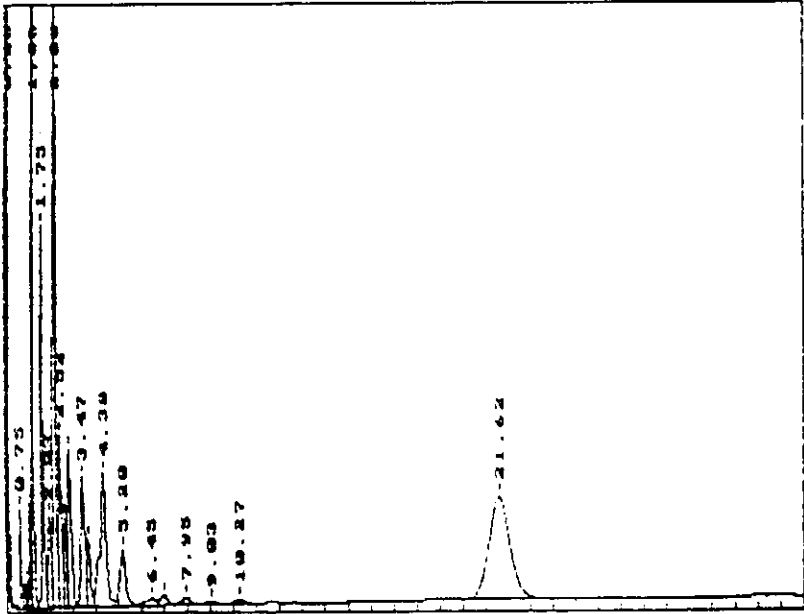
 * Instrument Type: TRACOR 540 SN 971275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 1: ECD *
 * Misc. Information: SAMPLE VOL. CUL-CARRIER GAS NITROGEN *

 Starting Date: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Height
1	0.175	213964	9.6002	1	99587	24.576	2.1
2	0.750	18775	0.7784	2	5273	2.746	2.2
3	0.910	5121	0.2216	2	1384	0.828	3.7
4	1.067	7129	0.3070	2	1800	1.164	4.3
5	1.219	23825	1.0402	2	5548	3.911	4.2
6	1.750	213551	9.3729	2	56922	24.872	7.3
7	1.750	117300	5.1818	2	20135	18.988	5.2
8	2.133	44732	1.9522	2	4880	7.170	9.1
9	2.133	818815	36.1437	2	142020	100.000	4.4
10	2.317	71761	3.1368	2	9066	11.396	7.9
11	2.803	78578	3.4670	2	4789	6.224	8.1
12	2.803	29315	1.2881	2	8359	16.082	11.9
13	2.867	28583	1.2490	2	6847	13.019	11.8
14	3.700	41862	1.8174	2	3599	6.765	11.5
15	4.383	138395	6.0389	2	7045	22.364	19.5
16	5.200	56509	2.4883	2	3025	9.131	13.7
17	6.450	13255	0.5801	2	393	2.142	33.7
18	6.941	17529	0.7697	2	545	2.136	24.8
19	7.280	12512	0.5431	2	412	2.022	30.3
20	9.033	5170	0.2268	2	128	0.335	40.4
21	10.267	6783	0.2917	2	222	1.096	30.6
22	21.617	341793	15.6551	1	5367	55.233	63.7

Total Area: 2183268 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1925.ATB
 Data File = D:JNE1925.PTS Printed on 06-20-1991 at 15:11:20
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv:
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:12:31 Version 5.1 *****
 * Sample Name: A1212 1.0UG/ML Data File: D:JNE1925 *
 * Date: 06-20-1991 02:57:49 Method: G1M8000 *
 * Interface: 0 Cycle#: 26 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

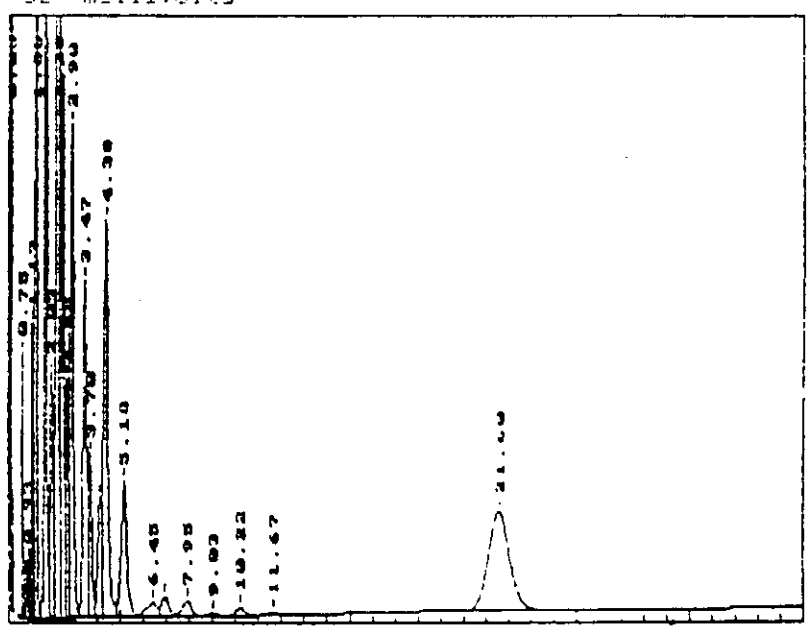
 * Instrument Type: TRACOR 510 SN 911275 Column Type: SP2150-SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 250 C *
 * Detector: 0: ECD Detector 1: GCD *
 * Note: Integration: SAMPLE VOL. MUL-CORRECTOR GAS METROGEN *

 Standard Delay: 0.000 Run Time: 5.000

PK No.	Ret. Time (min)	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	0.233	290410	4.6429	1	125877	14.913	2.3
2	0.730	43779	0.6829	1	19072	2.024	2.2
3	0.977	11926	0.1763	2	3083	3.847	3.6
4	1.067	13113	0.2037	2	3691	4.300	4.4
5	1.127-4.03a	60732	0.9710	2	15537	3.913	3.9
6	1.330	1149237	18.0846	2	269447	57.073	4.3
7	1.750	377362	5.9481	2	167334	28.525	4.1
8	2.012	113390	1.7614	2	15114	3.524	3.5
9	2.253	2014663	31.2094	2	305475	100.000	6.5
10	2.502	195162	3.0341	2	23767	9.388	6.9
11	2.837	97430	1.5063	2	12716	4.879	7.7
12	2.991	270741	4.2203	2	35932	17.479	10.4
13	3.487	189986	2.9374	2	17764	9.420	10.7
14	3.709	102037	1.5821	2	3765	3.087	11.6
15	4.173	69929	1.1180	2	6490	3.471	10.6
16	4.383	291631	4.5633	2	20873	14.473	14.0
17	5.183	128343	2.0519	2	7300	6.370	17.6
18	6.450	25756	0.4113	2	762	1.278	33.8
19	6.967	25226	0.4033	2	1082	1.252	23.3
20	7.950	22307	0.3566	2	782	1.107	23.5
21	9.033	5193	0.0830	2	164	0.258	31.6
22	10.217	12733	0.2036	1	432	0.632	29.5
23	11.667	3784	0.0605	1	130	0.188	29.1
24	21.600 bxc	336151	5.3742	1	5298	16.685	63.4

Total Area: 6254889 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1925.ATB
 Data File = D:JNE1926.PTS Printed on 06-20-1991 at 15:12:37
 Start time: 0.00 min. Stop time: 15.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:13:51 Version 5.1 *****
 * Sample Name: A1002 1.500 ML Data File: D:\JNE1927 *
 * Date: 06-20-1991 00:33:15 Method: D:\MS090 *
 * Interface: 0 Cycle#: 27 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

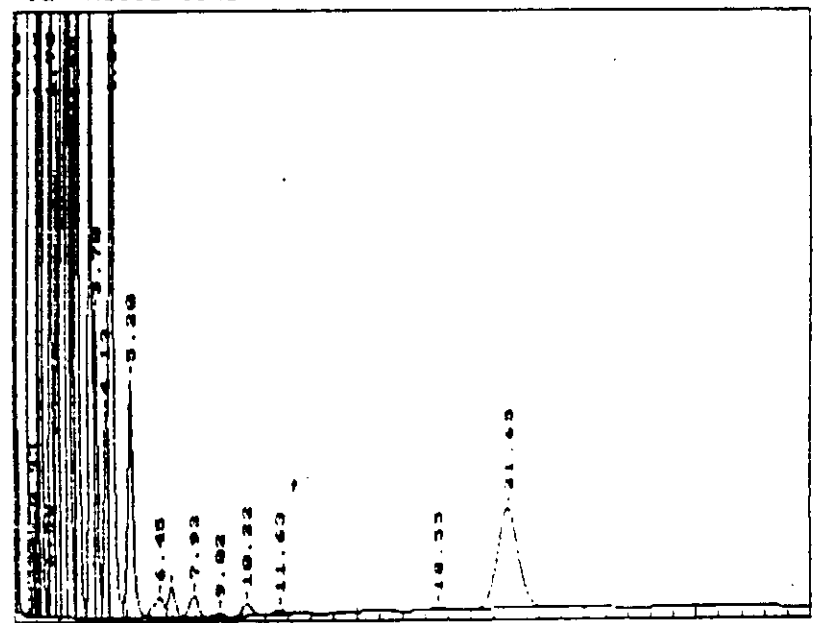
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 1.500 CARRIER GAS NITROGEN *

 Starting Delay: 0.000 Run Time: 30.00

PK No.	Ret. Time (min)	Peak Area	Area %	Peak Ht.	Normalized Area	Area/Height
1	1.200	368453	3.4370	147302	13.733	2.3
2	1.750	87091	0.7751	32455	2.877	2.6
3	2.300	17628	0.1644	5002	0.610	3.5
4	2.850	38293	0.2453	8113	0.710	4.3
5	3.400	135705	1.2659	38696	4.573	3.3
6	3.950	1743400	16.3100	340324	60.827	5.1
7	4.500	9363	0.0873	1780	0.524	6.3
8	5.050	1483720	13.6907	274739	30.632	5.3
9	5.600	329985	2.0615	28190	7.450	7.3
10	6.150	2003614	18.9466	367955	100.000	7.9
11	6.700	748776	5.9850	147048	25.922	3.1
12	7.250	136777	1.5558	25133	3.774	6.3
13	7.800	817666	7.6276	115821	23.307	7.1
14	8.350	412314	3.9463	43484	14.274	9.1
15	8.900	163809	1.5468	16043	5.740	10.3
16	9.450	111917	1.0440	10874	3.374	10.3
17	10.000	559077	6.1482	62961	22.816	10.5
18	10.550	201950	1.8840	12533	3.972	16.1
19	11.100	32642	0.3064	1056	1.137	31.1
20	11.650	34776	0.3244	1546	1.204	22.5
21	12.200	30740	0.2868	1132	1.064	27.2
22	12.750	6084	0.0568	208	0.211	29.3
23	13.300	19198	0.1791	638	0.655	30.1
24	13.850	6760	0.0631	211	0.234	32.0
25	14.400	3199	0.0298	30	0.111	39.7
26	14.950	340029	3.1720	3336	11.771	63.7

Total Area: 10719787 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1927.AID
 Data File = D:\JNE1927\PTS Printed on 06-20-1991 at 15:13:57
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 13:15:12 Version 5.1 *****
 * Sample Name: A1232 2.0UG:R Data File: D:JNE1928 *
 * Date: 06-20-1991 04:08:42 Method: D:MS080 *
 * Interface: 0 Cycle#: 28 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

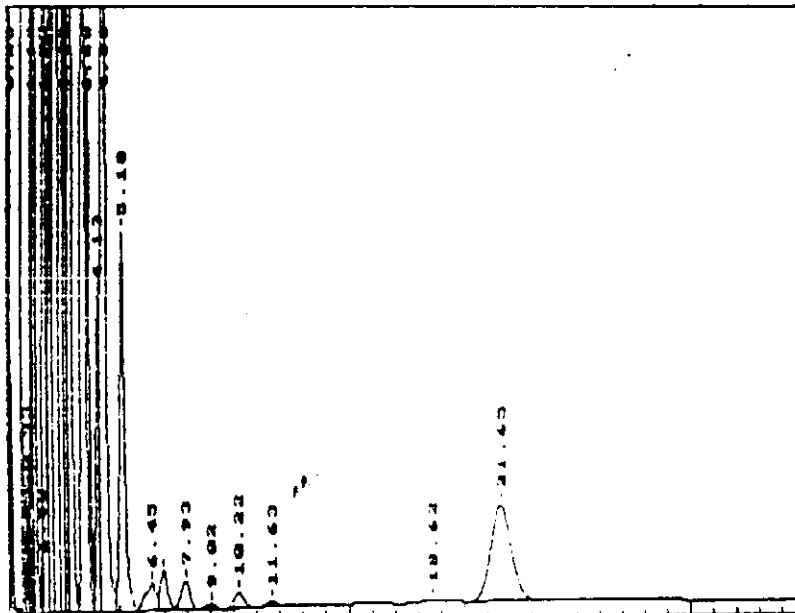
 * Instrument Type: TRACOR 540 5M 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL: 0.10 CARRIER GAS: NITROGEN *

 Starting Delay: 0.00 Run Time: 15.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Height
1	0.233	428678	2.5257	1	166440	12.913	2.8
2	0.750	173760	1.0667	2	32082	5.073	2.1
3	0.973	21415	0.1389	2	6771	0.661	3.5
4	1.067	35309	0.2123	2	8489	1.011	4.2
5	1.183A-252	337659	2.0149	2	124602	7.503	2.7
6	1.350	216042	12.8197	2	131213	60.974	3.7
7	1.563	12868	0.0764	2	2423	0.263	5.3
8	1.750	1749338	11.3671	2	327223	50.016	8.0
9	2.033	456121	2.7066	2	75683	11.873	6.0
10	2.383	3843196	21.0248	2	406774	100.000	8.7
11	2.517	1385452	8.2211	2	223320	39.102	6.2
12	2.683	329267	2.0099	2	68282	10.986	3.9
13	3.917	1784632	10.5897	2	205010	50.368	8.7
14	3.467	1201320	7.1314	3	156715	33.919	7.7
15	3.683	221635	1.3151	4	24104	6.255	9.2
16	4.133	156015	0.9258	2	16554	4.403	9.4
17	4.383	1775052	10.5329	2	178898	50.097	9.6
18	5.183	302082	1.7923	2	19893	3.526	15.2
19	6.450	47897	0.2842	2	1466	1.332	32.7
20	6.967	48382	0.2871	2	2127	1.366	22.8
21	7.933	43121	0.2559	2	1536	1.217	28.1
22	9.017	8477	0.0503	2	279	0.239	30.4
23	10.217	24911	0.1478	1	839	0.703	29.7
24	11.633	7952	0.0472	1	259	0.224	30.7
25	18.517	4578	0.0272	1	93	0.129	49.1
26	21.650	325066	1.9289	1	5145	9.174	63.2

Total Area: 16852484 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1928.ATB
 Data File = D:JNE1928.PTS Printed on 06-20-1991 at 13:15:18
 Start time: 0.00 min. Stop time: 15.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:16:33 Version 5.1 *****
 * Sample Name: A1221 0.25UG/ML Data File: D:JNE1929 *
 * Date: 06-20-1991 04:44:09 Method: D:M6080 *
 * Interface: 0 Cycle#: 29 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

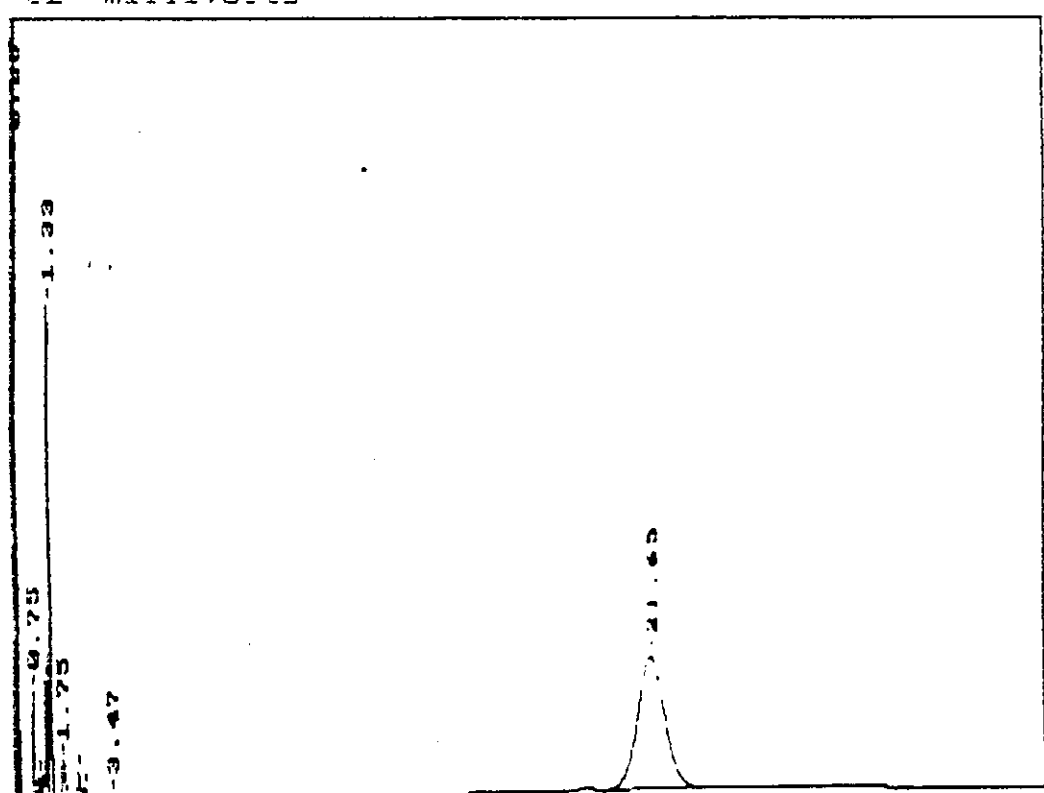
 * Instrument Type: TRACOR 540 SN 871273 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.233	208944	29.9371	1	100239	60.347	2.1
2	0.750	15093	2.0910	2	4696	4.361	3.2
3	0.933	4285	0.5934	2	1153	1.236	3.7
4	1.167	28489	3.5301	2	8038	7.362	5.1
5	1.333	92569	12.8201	2	20206	25.736	4.6
6	1.750	14673	2.0598	1	1708	4.296	8.7
7	2.267	6977	0.9662	2	1115	2.015	6.2
8	2.483	2854	0.3952	2	439	0.824	6.5
9	3.467	4735	0.6558	1	307	1.368	15.4
10	21.650	346236	47.9512	1	5449	100.000	63.5

Total Area: 722060 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1929.ATB
 Data File = D:JNE1929.FTS Printed on 06-20-1991 at 15:16:38
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:17:52 Version 5.1 *****
 * Sample Name: A1221 0.5UG/ML Data File: D:JNE1930 *
 * Date: 06-20-1991 05:19:33 Method: D:M8080 *
 * Interface: 0 Cycle#: 30 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

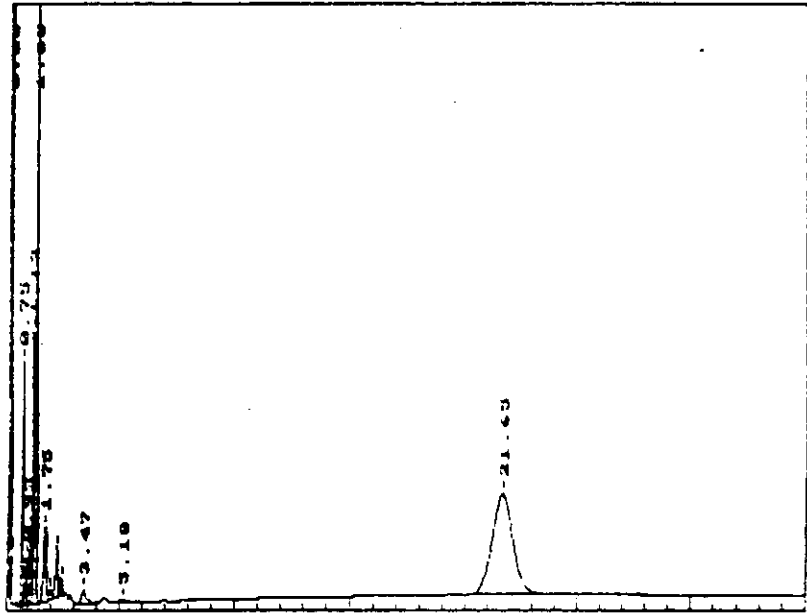
 * Instrument Type: TPACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Height	Normalized %	Area Height
1	0.277	214370	14.6043	100416	30.170	2.1
2	0.750	38574	2.6547	13134	1.443	2.9
3	0.933	9375	0.6589	2602	1.314	3.6
4	1.037	11331	0.7719	2937	1.525	3.9
5	1.157	57275	3.9020	14706	3.061	3.9
6	1.350	710546	48.4073	192791	100.000	3.7
7	1.750	25677	1.7306	4095	5.021	3.7
8	2.033	4391	0.3135	540	0.648	3.5
9	2.257	19622	1.3368	2911	2.762	7.0
10	2.423	6347	0.4365	933	0.984	5.9
11	3.467	10892	0.7400	720	1.503	14.9
12	5.183	683	0.1147	108	0.237	15.6
13	21.650	345799	23.6399	5391	48.835	64.4

Total Area: 1467850 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1930.ATB
 Data File = D:JNE1930.PTS Printed on 06-20-1991 at 15:17:57
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:19:05 Version 2.1 *****
 * Sample Name: A1221 1.0UG/NL Data File: D:JNE1931 *
 * Date: 06-20-1991 05:55:02 Method: D:M8080 *
 * Interface: 0 Cycle#: 31 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

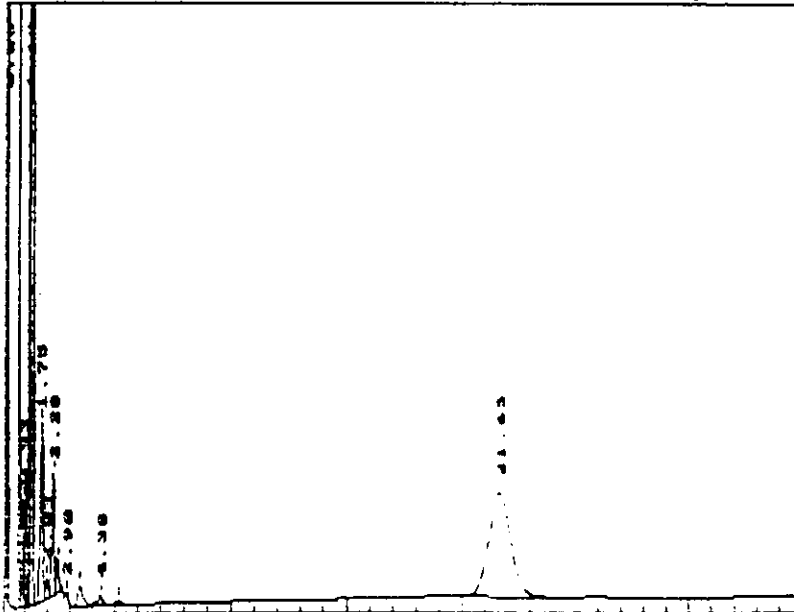
 * Instrument Type: TRACOR 840 SM 671275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 300 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL CARRIER GAS NITROGEN *

 Standing Selct: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area Weight
1	0.130	180789	9.5493	1	128062	16.700	2.3
2	0.750	160785	8.4833	2	76352	9.727	3.1
3	0.845	19415	0.8415	2	5686	1.137	0.3
4	1.017	23173	0.9209	2	4546	1.630	4.1
5	1.103	295610	9.4367	2	99259	16.772	2.9
6	1.250	1706783	56.1795	2	331329	100.000	5.1
7	1.750	77996	2.5770	2	9364	4.569	3.1
8	2.013	3137	0.2639	2	1057	0.417	7.7
9	2.280	43195	1.4272	2	6365	2.800	6.8
10	2.500	10952	0.3519	2	1757	0.842	5.3
11	2.820	4091	0.1322	1	429	0.234	7.3
12	3.427	16168	0.6007	2	1115	1.064	15.7
13	4.080	11373	0.3738	2	506	0.666	22.5
14	5.133	3358	0.1770	2	250	0.314	21.4
15	21.600	352282	11.6395	1	5442	20.638	54.7

Total Area: 3026602 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1931.ATB
 Data File = D:JNE1931.PTS Printed on 06-20-1991 at 15:19:10
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 10:20:16 Version 3.1 *****
 * Sample Name: A1221 1.5UG/ML Data File: D:JNE1932 *
 * Date: 06-20-1991 06:30:29 Method: D:MS080 *
 * Interface: 0 Cycle#: 32 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

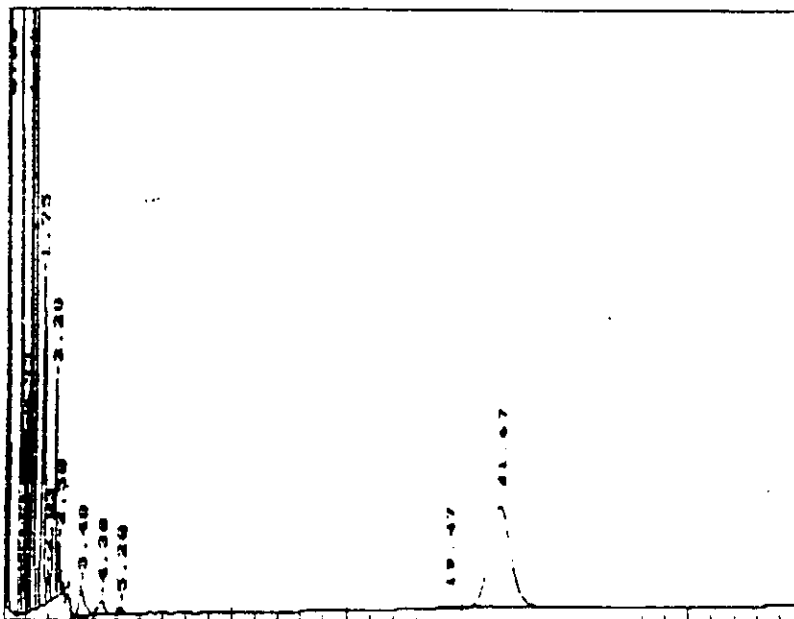
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 250 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL CUL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area Height
1	0.203	767110	7.8109	1	154228	15.747	2.4
2	0.300	463386	4.7334	2	133622	17.175	2.5
3	0.500	32700	0.3337	2	9626	1.254	0.4
4	1.007	47575	0.4857	2	11533	1.499	4.1
5	1.163	750992	7.6587	2	222672	21.499	7.2
6	1.150	279191	2.8487	2	395713	100.000	6.0
7	1.730	136670	1.3936	2	17561	5.796	7.9
8	2.003	10575	0.1080	2	1863	0.527	7.6
9	2.203	74098	0.7574	2	11659	3.119	6.4
10	2.500	17484	0.1772	2	2300	0.731	6.2
11	3.000	5920	0.0606	1	676	0.248	9.2
12	3.437	74934	0.7669	2	1513	1.045	16.4
13	4.383	18326	0.1872	2	737	0.678	22.0
14	5.000	6950	0.0714	2	351	0.291	19.3
15	19.467	5185	0.0531	2	102	0.217	51.1
16	21.667	344223	3.5241	2	5344	14.393	64.4

Total Area: 4699957 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1932.ATB
 Data File = D:JNE1932.PTS Printed on 06-20-1991 at 15:20:21
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:21:32 Version 5.1 *****
 * Sample Name: A1221 2.0UG/NL Data File: D:JNE1933 *
 * Date: 06-20-1991 07:05:55 Method: D:M8080 *
 * Interface: 0 Cycle#: 33 Operator: KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

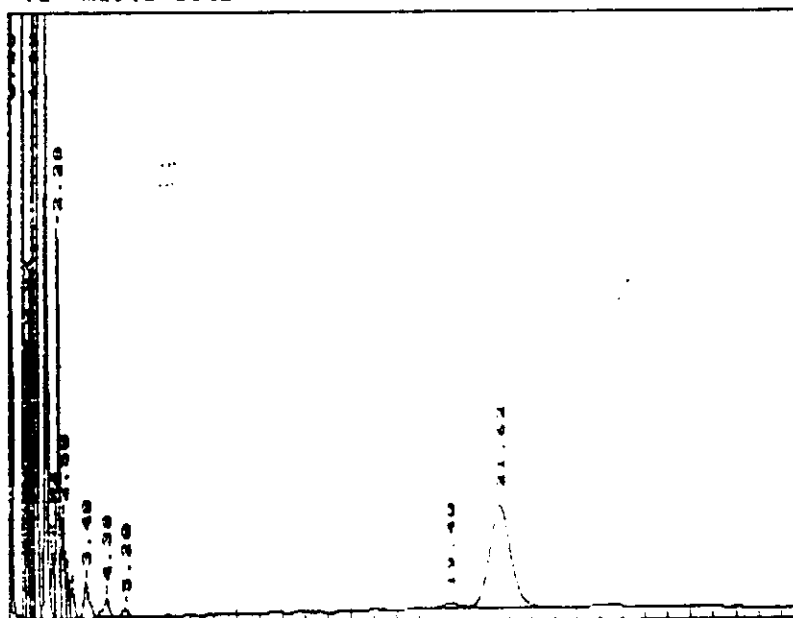
 * Instrument Type: TRACOR 540 SN 071275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Start-up Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Height	Normalized %	Area/Height
1	0.222	435879	7.1975	162358	15.372	2.6
2	0.750	365120	10.2337	231006	23.906	2.9
3	0.971	49268	0.8124	14614	1.726	0.4
4	1.087	73967	1.2211	18721	2.521	4.0
5	1.163	1068298	17.6364	297389	27.423	3.7
6	1.290	2854677	47.1275	426367	100.000	6.7
7	1.720	250493	4.1754	32332	3.775	7.7
8	2.053	26299	0.4441	1232	0.742	8.1
9	2.137	136207	2.2602	20597	4.796	6.6
10	2.500	43084	0.7113	5177	1.309	8.3
11	2.682	20498	0.3384	3356	0.718	8.7
12	2.900	18931	0.3124	1551	0.665	12.2
13	3.427	30706	0.5059	1826	1.076	16.7
14	4.333	21123	0.3437	736	0.740	21.4
15	5.200	9315	0.1338	469	0.326	19.9
16	19.400	12239	0.2029	215	0.450	37.2
17	21.617	339547	5.6055	5273	11.054	64.4

Total Area: 6057350 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1933.ATB
 Data File = D:JNE1933.PTS Printed on 06-20-1991 at 15:21:38
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



 ***** 06-20-1991 15:39:19 Version 5.1 *****
 * Sample Name: A1221 0.500/ML Data File: D:\JNE1941 *
 * Date: 06-20-1991 11:28:20 Method: D:\MS080 *
 * Interface: 0 Cycl #: 41 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

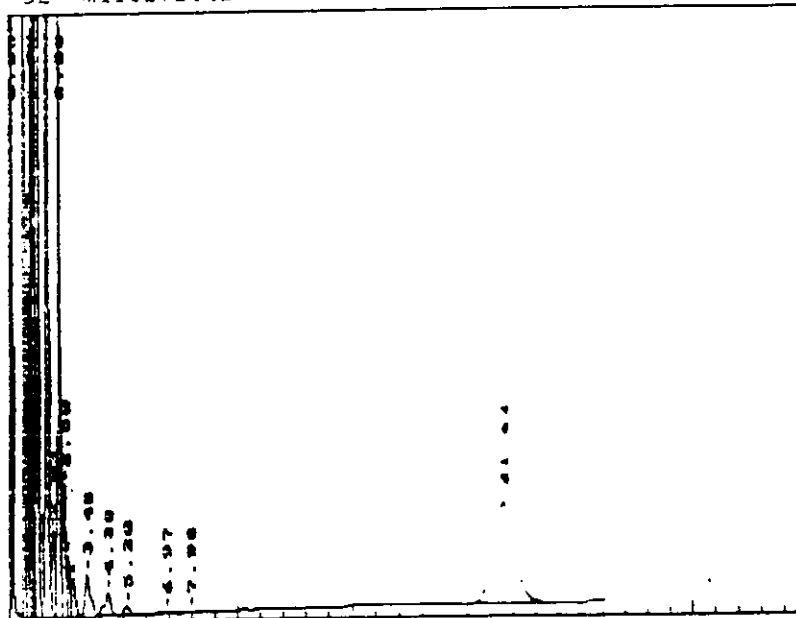
 * Instrument Type: TRACOR 940 SM 871275 Column Type: SP2250/SP1401 CMM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 750 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 0.500 CARRIER GAS NITROGEN *

 Starting Delay: 1.00 Run Time: 35.00

PK No.	Ret. Time	Peak Area	Area %	D L	Peak HL	Normalized %	Area Height
1	0.237	497210	6.7747	1	175540	14.541	3.7
2	0.350	372145	5.1341	2	271004	23.739	3.1
3	0.433	71133	0.9689	1	32640	2.204	2.1
4	1.037	119759	1.6473	1	31276	3.974	3.7
5	1.107	1054105	14.4437	2	329010	41.965	4.1
6	1.330	3226751	43.7302	2	449705	100.000	7.2
7	1.750	505438	6.8644	1	85094	15.664	6.1
8	2.010	33655	0.4584	4	4733	1.045	7.7
9	2.293	212170	2.8670	2	35583	6.607	6.0
10	2.300	56228	0.7559	2	6912	1.743	8.1
11	2.583	26637	0.3605	2	3136	0.827	8.5
12	2.900	23374	0.3186	1	1978	0.725	11.3
13	3.483	37562	0.5116	2	2247	1.164	16.7
14	4.383	25841	0.3520	2	1236	0.801	20.7
15	6.200	10636	0.1451	2	558	0.370	19.1
16	6.967	5334	0.0727	2	100	0.165	44.6
17	7.983	3369	0.0453	2	81	0.073	29.1
18	21.617	332169	4.5243	1	5197	10.274	33.9

Total Area: 7341837 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1941.ATB
 Data File = D:\JNE1941.PTS Printed on 06-20-1991 at 15:39:25
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



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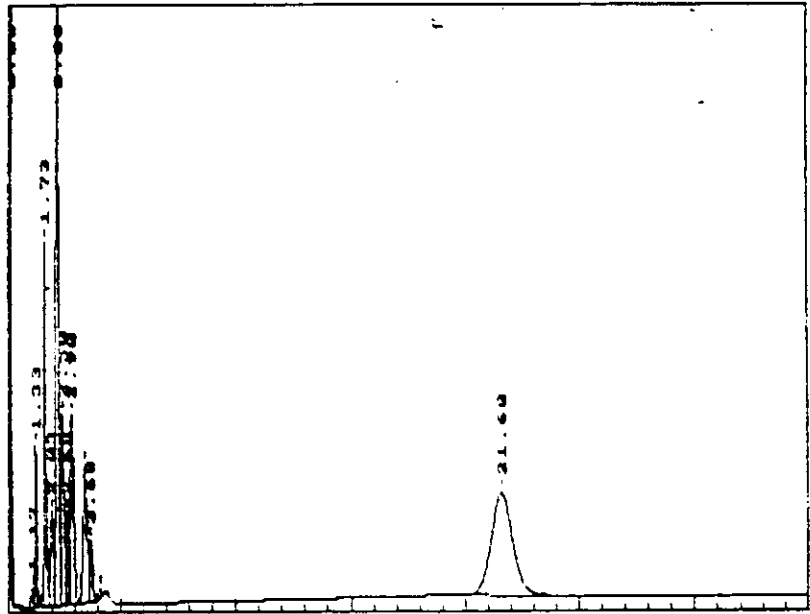
***** 06-20-1991 15:31:55 Version 5.1 *****
* Sample Name: A1018 11500G/ML Data File: D:JNE1934 *
* Date: 06-20-1991 07:41:22 Method: D:M8080 *
* Interface: 0 Cycle#: 34 Operator: KW Channel#: 0 Vial#: N.A. *
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *
*****
* Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
* Solvent Description: *
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
* Detector 0: ECD Detector 1: ECD *
* Misc. Information: SAMPLE VOL CUL-CARRIER GAS NITROGEN *
*****
Starting Delay: 0.00 Run Time: 35.00

```

PK No.	Ret Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area/Height
1	0.253	170617	5.9579	1	85721	25.415	2.1
2	1.197	3350	0.1731	2	279	0.757	3.8
3	1.373	40280	2.7004	2	3543	3.931	4.7
4	1.737	194232	3.9527	2	19277	15.347	5.4
5	2.003	45563	2.6024	2	4360	5.709	9.2
6	2.283	679177	13.7875	2	158253	100.000	4.3
7	2.300	31943	4.3800	2	10127	12.066	8.1
8	2.587	33527	3.2672	2	4887	3.335	8.1
9	2.900	115290	3.5841	2	10080	15.973	11.4
10	3.430	10743	4.5027	2	7370	11.624	10.7
11	3.663	10439	3.0250	2	5158	3.721	11.1
12	4.117	3735	3.2144	1	428	0.331	8.3
13	31.600	347547	17.8483	1	3411	51.172	64.2

Total Area: 1751014 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1934.ATB
 Data File = D:JNE1934.PTS Printed on 06-20-1991 at 15:32:01
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



```

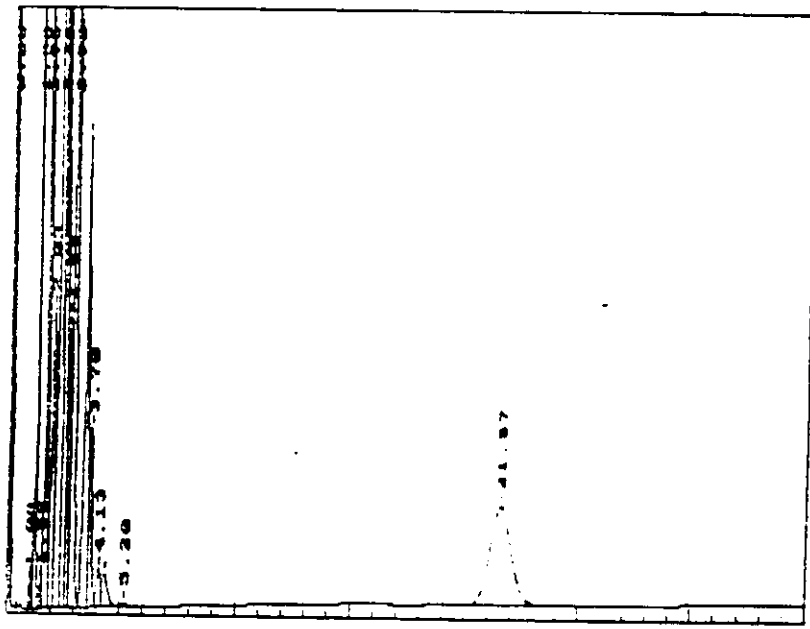
*****
***** 06-20-1991 15:32:20 Version 5.1 *****
* Sample Name: A1015 100 UG/ML                               Data File: D:JNE1935
* Date: 06-20-1991 08:13:49 Method: D:MS090
* Interface: 0 Cycle#: 33 Operator KW Channel#: 0 Vial#: N.A.
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
*****
* Instrument Type: TRACOR 840 GN 371270 Column Type: SP2250/SP2401 2MM ID
* Solvent Description:
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C
* Detector 0: ECD Detector 1: ECD
* Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN
*****
Starting Delay: 0.00 Run Time: 35.00

```

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.222	207598	3.3600	1	96778	3.359	2.1
2	1.037	5182	0.0039	2	1224	0.001	4.2
3	1.117	10162	0.0190	2	2244	0.003	4.5
4	1.331	140142	2.3572	2	35952	3.052	4.0
5	1.583	6834	0.1121	2	1729	0.022	5.2
6	1.750	354845	5.9304	2	209418	16.397	4.1
7	2.033	135257	2.5265	2	16102	3.759	6.4
8	2.287	2242330	43.9061	2	321155	100.000	7.1
9	2.517	306912	5.7374	2	50498	17.067	6.1
10	2.681	120353	2.2526	2	15584	3.133	7.7
11	2.917	481402	9.0008	2	53646	20.500	6.7
12	3.410	232342	4.4556	2	24993	10.148	9.5
13	3.700	107648	2.0124	2	9513	4.593	11.7
14	4.117	23930	0.4477	2	1883	1.020	12.7
15	4.383	29270	0.5472	2	1641	1.246	17.8
16	5.200	1512	0.0233	2	116	0.034	17.0
17	21.867	328936	6.1491	1	5204	14.005	63.2

Total Area: 5349326 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1935.ATB
 Data File = D:JNE1935.PTS Printed on 06-20-1991 at 15:32:25
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

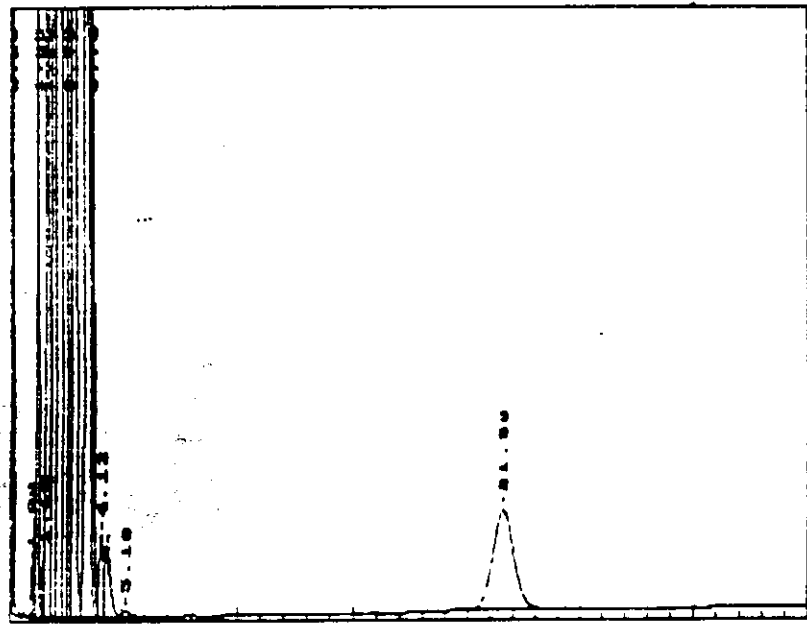
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***** 06-20-1991 15:32:48 Version 5.1 *****
* Sample Name: A101a 1.0 UG/ML Data File: D:\JNE1936
* Date: 06-20-1991 08:32:15 Method: D:\M8080
* Interface: 0 Cycles#: 36 Operator: KW Channel#: 0 Vial#: N.A.
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
*****
* Instrument Type: TRACOR 540 SN 871275 Column Type: SF2250/GP2401 2MM ID
* Solvent Description:
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C
* Detector 0: ECD Detector 1: ECD
* Misc. Information: SAMPLE VOL 200 CARRIER GAS NITROGEN
*****
Starting Delay: 0.00 Run Time: 35.00
    
```

PK No.	Ret. Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.230	258177	1.3652	1	120622	7.309	0.4
2	1.075	11020	0.0579	2	2706	0.277	4.1
3	1.153	22787	0.1226	2	5088	0.577	4.5
4	1.350	368264	1.9703	2	227001	21.945	3.8
5	1.500	14700	0.0774	2	2912	0.373	5.0
6	1.750	1743784	9.1835	2	334797	49.298	5.2
7	2.075	337901	1.7829	2	145678	21.758	5.9
8	2.280	1742263	9.1835	2	421146	100.000	9.4
9	2.317	1759307	9.2519	2	252716	45.380	7.1
10	2.700	762944	4.0415	2	136847	19.388	5.3
11	2.917	3730480	19.5262	2	255977	59.535	10.8
12	3.467	1543291	7.9352	3	191229	39.140	9.1
13	3.700	376503	1.9800	4	32237	7.917	8.5
14	4.117	53421	0.2839	2	4236	1.355	12.6
15	4.367	64129	0.3428	2	3622	1.626	17.7
16	5.183	7870	0.0418	2	343	0.200	23.0
17	21.383	335931	1.7626	1	5236	8.320	64.2

Total Area: 13533505 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1936.ATB
 Data File = D:\JNE1936.PTS Printed on 06-20-1991 at 15:32:53
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:34:06 Version 5.1 *****
 * Sample Name: A1015 1.5 UG/ML Data File: D:\JNE1937 *
 * Date: 06-20-1991 09:27:59 Method: D:\MS020 *
 * Interface: 0 Cycle#: 37 Operator: KW Channel#: 0 Vol#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

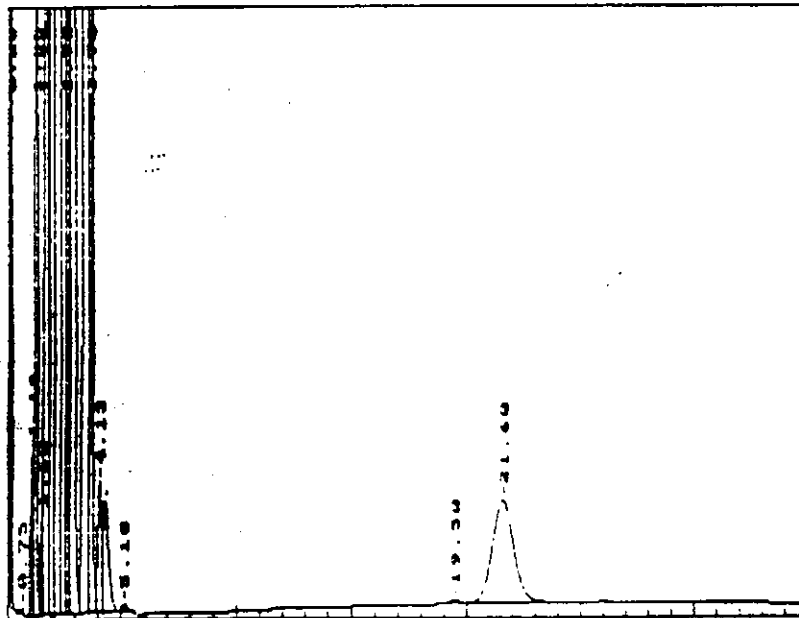
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SF2250/SF2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	L	Peak Ht.	Normalized %	Area Height
1	0.232	357730	1.4155	1	142629	6.881	2.9
2	0.750	2074	0.0080	1	419	0.040	4.9
3	1.081	18847	0.0660	2	4230	0.224	4.0
4	1.187	26198	0.1016	2	8739	0.376	4.7
5	1.350	1787432	5.3614	2	301081	26.342	4.5
6	1.800	22973	0.0897	2	4627	0.442	5.0
7	1.700	2840343	10.3567	2	391171	50.798	6.7
8	2.073	2136493	8.4425	2	245184	41.481	8.8
9	2.300	3199806	10.3529	2	458567	100.000	11.3
10	2.317	2828383	11.0748	2	317321	54.414	8.9
11	2.700	2142166	8.3864	2	240266	41.205	8.9
12	2.917	4214738	16.5011	2	320189	81.075	13.2
13	3.457	2884777	10.5107	2	262018	51.642	10.2
14	3.700	1334028	5.3009	2	184965	28.045	8.2
15	4.133	82057	0.3212	2	3699	1.578	12.2
16	4.367	95271	0.3730	2	5619	1.873	17.0
17	3.133	4446	0.0174	1	335	0.086	13.3
18	19.500	3441	0.0135	1	84	0.066	41.1
19	21.600	332440	1.3015	1	5223	6.395	63.7

Total Area: 25543372 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\JNE1937.ATB
 Data File = D:\JNE1937.PTS Printed on 06-20-1991 at 15:34:11
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:35:22 Version 5.1 *****
 * Sample Name: A1015 2.0 UG/ML DBC AT .05UG/ML Data File: D:JUNE1938 *
 * Date: 06-20-1991 10:03:06 Method: D:M8080 *
 * Interface: 0 Cycle#: 30 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

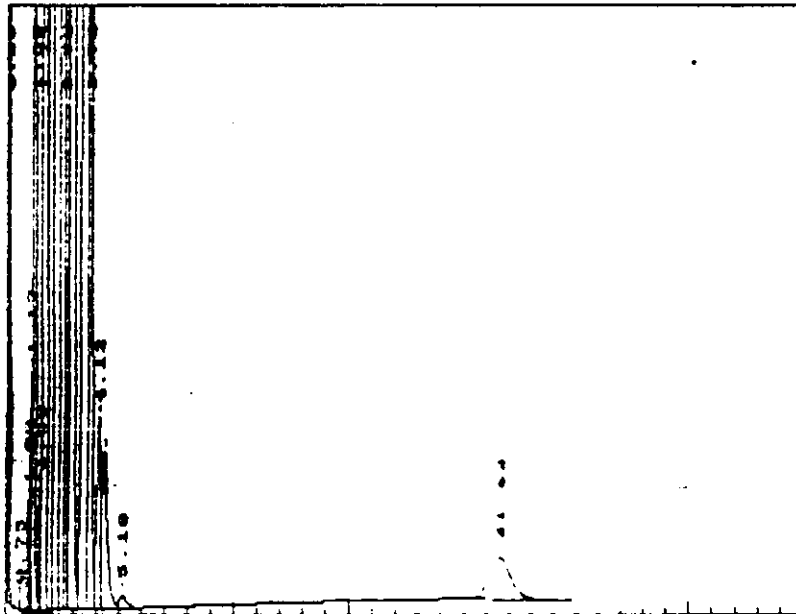
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 330 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL CUL-CARRIER GAS NITFOGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area/Height
1	0.233	409785	1.3276	1	162758	6.406	2.5
2	0.750	2030	0.0061	1	528	0.032	3.9
3	1.083	23534	0.0733	2	5781	0.738	4.1
4	1.167	32844	0.1017	2	12522	1.223	4.2
5	1.350	1898537	5.4003	2	353884	18.273	5.1
6	1.383	30423	0.09274	2	8498	0.310	5.0
7	1.750	3288481	9.7506	2	432681	51.048	7.3
8	2.033	2838991	8.4712	2	308742	44.250	9.2
9	2.283	6276794	18.1008	2	464090	100.000	13.2
10	2.517	3731019	11.1408	2	389074	38.326	10.1
11	2.700	2640007	7.9830	2	298174	41.271	8.9
12	2.917	5470840	16.1359	2	308369	35.525	14.8
13	3.487	3833697	11.4474	2	318509	58.932	12.1
14	3.700	2558778	7.6405	2	240370	40.001	10.6
15	4.117	122316	0.3652	2	10051	1.812	12.2
16	4.367	143735	0.4292	2	8721	1.247	17.3
17	5.183	16344	0.0488	2	687	0.255	23.8
18	21.617	144324	0.4313	1	2136	2.259	66.1

Total Area: 33489670 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JUNE1938.ATB
 Data File = D:JUNE1938.PTS Printed on 06-20-1991 at 15:35:28
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 06-20-1991 15:44:34 Version 5.1 *****
 * Sample Name: A1016 2.5UG/ML Data File: D:JNE1945 *
 * Date: 06-20-1991 15:26:49 Method: D:MB080 *
 * Interface: 0 Cycle#: 45 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

 * Instrument Type: TRACOR 540 SM 871273 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

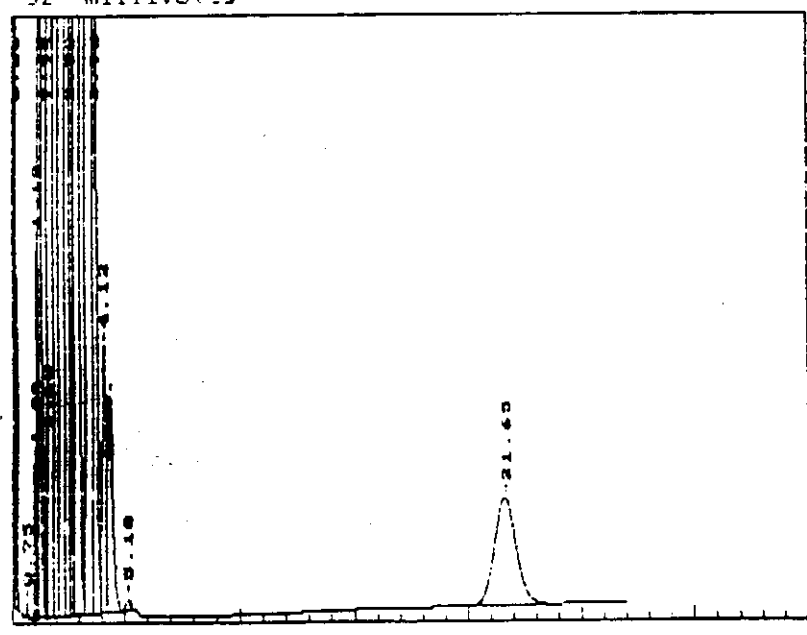
 Starting Delay: 0.00 Run Time: 35.00

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PK No.	Ret Time	Peak Area	Area %	Peak L	Peak Ht.	Normalized %	Area/Height
1	0.130	510770	1.3622	1	195005	7.067	2.6
2	0.750	3090	0.0077	1	725	0.045	4.1
3	1.082	72515	0.0018	2	8228	0.475	3.7
4	1.335	77321	0.1971	2	19362	1.159	4.0
5	1.350	2218629	5.5644	2	392871	32.486	5.8
6	1.390	47397	0.1102	2	7025	0.612	4.7
7	1.750	3869735	9.7142	2	459398	56.575	8.4
8	2.077	3786692	9.4820	2	365710	55.083	13.7
9	2.233	6840082	17.1706	2	501273	100.000	13.6
10	2.517	4110704	10.3201	2	404091	63.015	10.7
11	2.700	3387450	8.5947	2	341463	49.531	9.9
12	2.917	6049899	15.1870	2	401954	36.443	13.1
13	3.167	4646027	11.6629	2	356728	57.924	13.0
14	3.700	3756021	9.4246	2	286731	47.864	11.6
15	4.117	165285	0.4174	2	14306	2.451	11.6
16	4.357	133678	0.4611	2	11499	2.635	13.0
17	5.125	9091	0.0203	1	612	0.118	13.2
18	21.650	366089	0.7190	1	5657	5.352	64.7

Total Area: 39336060 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:JNE1945.ATB
 Data File = D:JNE1945.PTS Printed on 06-20-1991 at 15:44:40
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 11-08-1991 13:00:04 Version 3.1 *****
 * Sample Name: A1354 1.00067ML Data File: A:0028133 *
 * Date: 10-31-1991 13:47:04 Method: D:Ms08 *
 * Interface: 0 Cycle#: 133 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 250 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL CUL-CARRIER GAS NITROGEN *

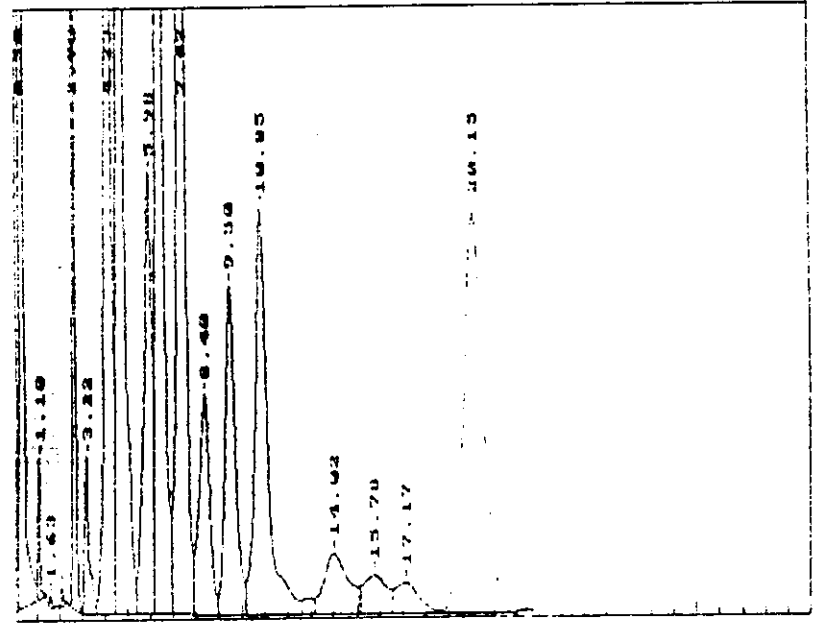
 Starting delay: 0.00 Run Time: 35.00

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Peak No.	Retention Time	Area	Height	Area %	Height %
1	1.10	22.1418	1.0000	0.01	0.01
2	1.10	22.1418	1.0000	0.01	0.01
3	1.10	22.1418	1.0000	0.01	0.01
4	1.10	22.1418	1.0000	0.01	0.01
5	1.10	22.1418	1.0000	0.01	0.01
6	1.217	114074	10.0000	0.51	0.51
7	1.217	114074	10.0000	0.51	0.51
8	1.217	114074	10.0000	0.51	0.51
9	1.217	114074	10.0000	0.51	0.51
10	3.46	114074	10.0000	0.51	0.51
11	3.46	114074	10.0000	0.51	0.51
12	3.46	114074	10.0000	0.51	0.51
13	3.46	114074	10.0000	0.51	0.51
14	3.46	114074	10.0000	0.51	0.51
15	11.02	114074	10.0000	0.51	0.51
16	11.02	114074	10.0000	0.51	0.51
17	13.137	114074	10.0000	0.51	0.51
18	13.137	114074	10.0000	0.51	0.51

Total Area: 23684556 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: A:0028133.ATB
 Data File = A:0028133.FTS Printed on 11-08-1991 at 13:00:13
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



***** AREA PERCENT REPORT *****

***** 11-08-1991 15:00:04 Version 5.1 *****
 * Sample Name: A1254 1.00UG/ML Data File: A:0C28133 *
 * Date: 10-31-1991 13:47:04 Method: D:M608 *
 * Interface: 0 Cycle#: 133 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

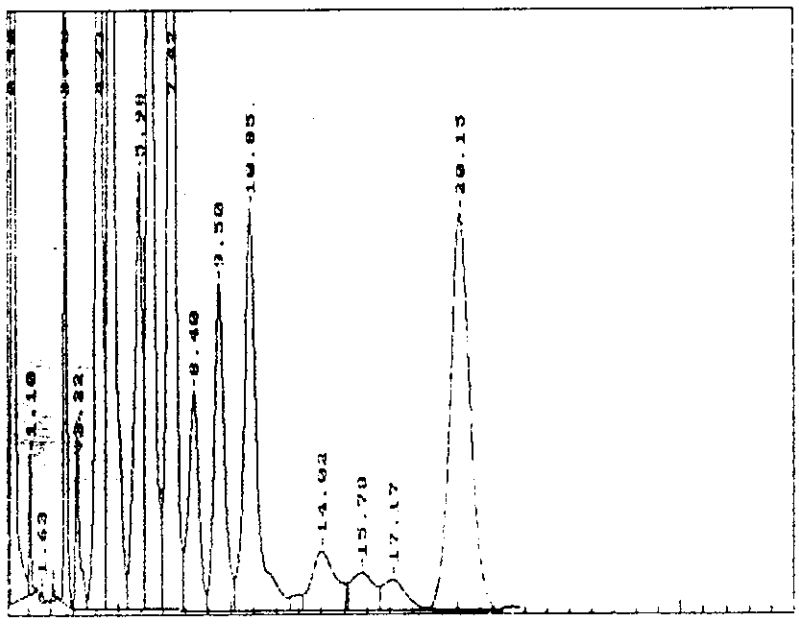
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	El L	Peak Ht.	Normalized %	Area/Height
1	0.300	5338617	22.3518	2	678932	100.000	7.9
2	1.100	43540	0.1823	2	7410	0.816	8.9
3	1.633	1935	0.0123	1	490	0.033	6.0
4	2.133	6194	0.0256	1	954	0.114	6.4
5	2.700	379424	1.5986	1	57830	7.107	6.6
6	3.217	108674	0.4550	2	8193	2.036	13.3
7	4.233	2514860	10.5280	2	210051	47.101	12.0
8	4.733	4104747	17.1858	2	260166	76.888	15.8
9	5.983	359742	2.3854	2	73201	10.672	24.5
10	6.467	3161582	14.4930	2	227851	64.841	13.1
11	7.417	3931372	16.4399	2	230169	73.840	17.1
12	8.400	387697	1.6224	2	11479	6.811	31.7
13	7.500	523321	2.1919	2	17229	9.606	30.4
14	10.250	604354	3.3677	2	21260	15.067	37.8
15	14.017	223232	0.9346	2	3103	4.181	72.0
16	15.783	137203	0.5744	2	1941	2.570	70.7
17	17.167	107840	0.4515	2	1558	2.020	69.2
18	20.150	1263490	5.2900	2	21156	23.667	59.7

Total Area: 23884556 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: A:0C28133.ATB
 Data File = A:0C28133.P1S Printed on 11-08-1991 at 15:00:13
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0.mv.
 Full Range: 32 millivolts





Roux Associates, Inc.
Test Report No. NAC91L-3267
Certification No. 03117
November 21, 1991

H. RAW QC DATA PACKAGE

1. Organics by GC (Continued)

a. Method Blank Chromatograms, Quantitation Reports
and Mass Spectra

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NORTHEASTERN ANALYTICAL CORP.
Report of Results

PCB ANALYSIS

Client:	METHOD BLANK	Report #:	PEST
Client ID:	PBLK1	NAC ID:	PEST-B1
Date Extracted:	10/28/91	Date Analyzed:	10/31/91
Extraction Method:	Separatory Funnel	Dilution:	1
Sample wt/vol:	1000 mls	Clean-Up:	N
Matrix:	Water		
UNITS:	ug/l		

CAS NO:	COMPOUND	RESULT	
12674-11-2	AROCLOR 1016	0.5	U
11104-28-2	AROCLOR 1221	0.5	U
11141-16-5	AROCLOR 1232	0.5	U
53469-21-9	AROCLOR 1242	0.5	U
12672-29-6	AROCLOR 1248	0.5	U
11097-69-1	AROCLOR 1254	1	U
11096-82-5	AROCLOR 1260	1	U

U - Indicates compound was analyzed for but not detected (eg. 10u), based on necessary concentration or dilution. The number is the minimum attainable detection limit for the sample.

***** AREA PERCENT REPORT *****

***** 10-31-1991 13:39:19 Version 5.1 *****
 * Sample Name: METHOD BLANK 10/28 AQ Data File: A:0C2863 *
 * Date: 10-29-1991 27:34:52 Method: D:M608 *
 * Interface: 0 Cycle#: 63 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

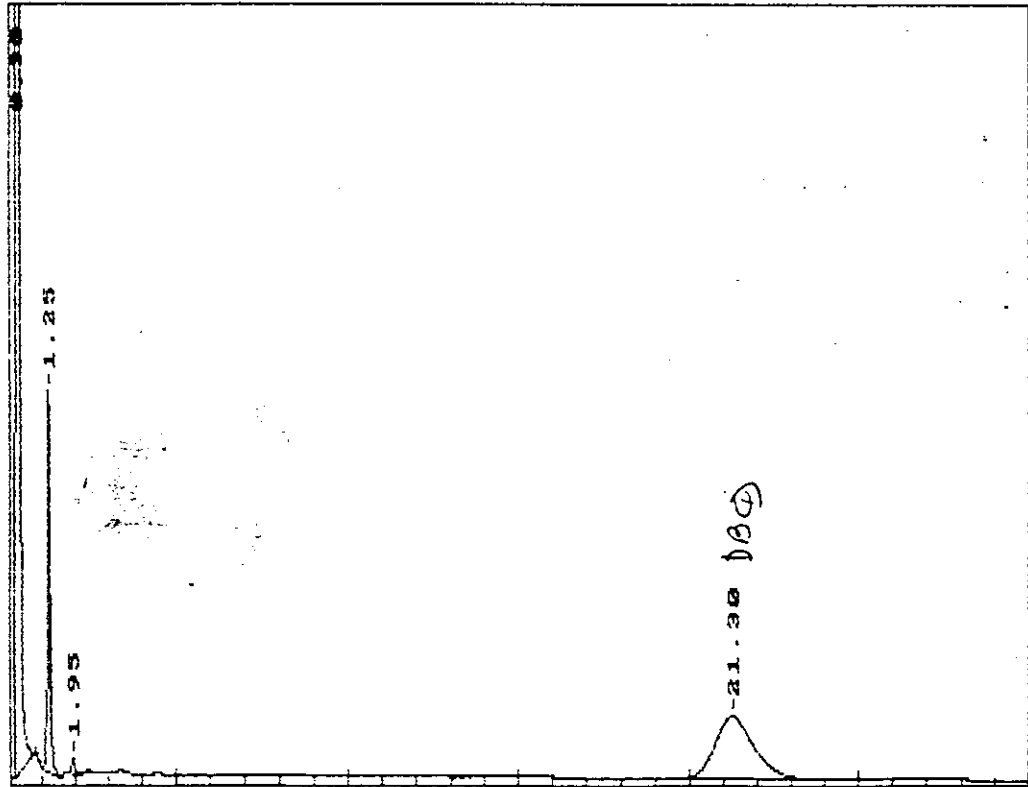
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 30.00

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.300	2656047	90.5049	1	438800	100.000	6.1
2	1.250	75180	2.5618	1	15643	2.831	4.8
3	1.950	3962	0.1350	1	600	0.149	6.6
4	21.300	199510	6.7983	1	2547	7.512	78.3

Total Area: 2934699 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: A:0C2863.ATB
 Data File = A:0C2863.PTS Printed on 10-31-1991 at 13:39:28
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 mv.
 Full Range: 32 millivolts





Roux Associates, Inc.
Test Report No. NAC91L-3267
Certification No. 03117
November 21, 1991

H. RAW QC DATA PACKAGE (Continued)

1. Organics by GC (Continued)

b. Matrix Spike/Matrix Spike Duplicate Chromatograms

 ***** 10-30-1991 19:02:25 Version 5.1 *****
 * Sample Name: CONTROL 10/28 Data File: D:0C2892 *
 * Date: 10-30-1991 18:32:22 Method: M608 *
 * Interface: 0 Cycle#: 92 Operator KW Channel#: 0 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

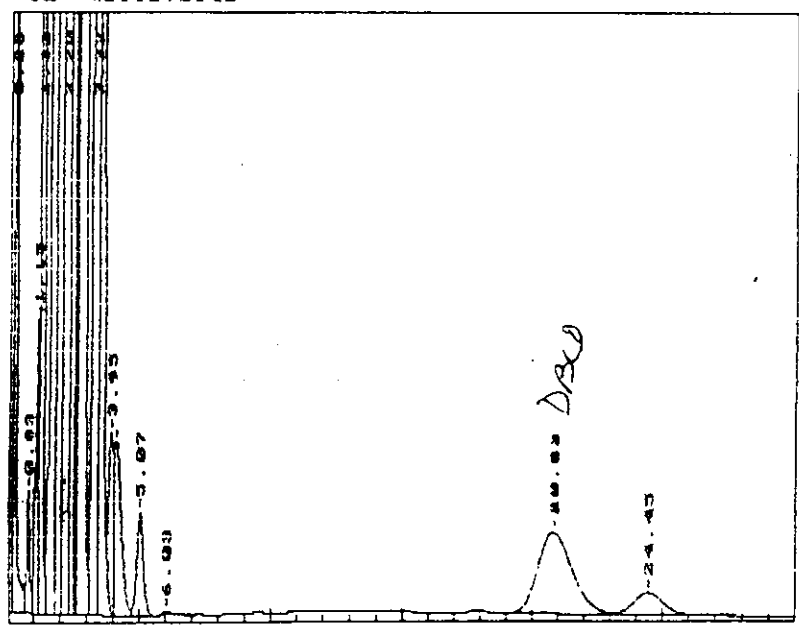
 * Instrument Type: TRACOR 540 SN 371275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR.: 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 30.00

Pk No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.283	901057	2.1583	2	216791	12.417	4.2
2	0.833	48452	0.1161	2	6178	0.668	7.8
3	1.150	100862	0.2416	2	15334	1.390	6.6
4	1.317	2422969	5.8037	2	383785	33.390	6.3
5	1.683	4235898	10.1462	2	432080	58.373	9.8
6	1.967	3774682	9.0415	2	356806	52.017	10.6
7	2.200	7256563	17.3816	2	470250	100.000	15.4
8	2.417	4380561	10.4927	2	391383	60.367	11.2
9	2.567	3033234	7.2655	2	345887	41.800	8.8
10	2.783	6630936	15.8830	2	395814	91.378	16.8
11	3.317	4796080	11.4641	2	350360	65.955	13.7
12	3.517	3312392	7.9342	3	294372	45.647	11.3
13	3.930	125668	0.3010	4	9384	1.732	13.4
14	4.167	172437	0.4130	4	8946	2.376	19.3
15	5.067	92178	0.2208	2	5227	1.270	17.6
16	6.033	5048	0.0121	1	185	0.070	27.3
17	20.833	380773	0.9121	2	4196	5.247	90.7
18	24.450	88722	0.2125	2	1161	1.223	76.4

Total Area: 41748508 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:0C2892.ATB
 Data File = D:0C2892.PTS Printed on 10-30-1991 at 19:02:31
 Start time: 0.00 min. Stop time: 30.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



NORTHEASTERN ANALYTICAL CORP.
Report of Results

PCB ANALYSIS

Client:	MATRIX SPIKE	Report #:	PEST
Client ID:	MS	NAC ID:	PEST-MS
Date Extracted:	10/28/91	Date Analyzed:	11/07/91
Extraction Method:	Separatory Funnel	Dilution:	5
Sample wt/vol:	1000 mls	Clean-Up:	N
Matrix:	Water		
UNITS:	ug/l		

CAS NO:	COMPOUND	RESULT	
12674-11-2	AROCLOR 1016	3	U
11104-28-2	AROCLOR 1221	3	U
11141-16-5	AROCLOR 1232	3	U
53469-21-9	AROCLOR 1242	3	U
12672-29-6	AROCLOR 1248	3	U
11097-69-1	AROCLOR 1254	5	U
11096-82-5	AROCLOR 1260	5	U

U - Indicates compound was analyzed for but not detected (eg. 10u), based on necessary concentration or dilution. The number is the minimum attainable detection limit for the sample.

***** AREA PERCENT REPORT *****

***** 11-07-1991 01:56:21 Version 5.1 *****
 * Sample Name: 91L-3267-1 MS 1:5 Data File: D:\NOV617 *
 * Date: 11-07-1991 01:21:28 Method: M608 *
 * Interface: 0 Cycle#: 17 Operator KW Channel#: 1 Vial#: N.A. *
 * Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000 *

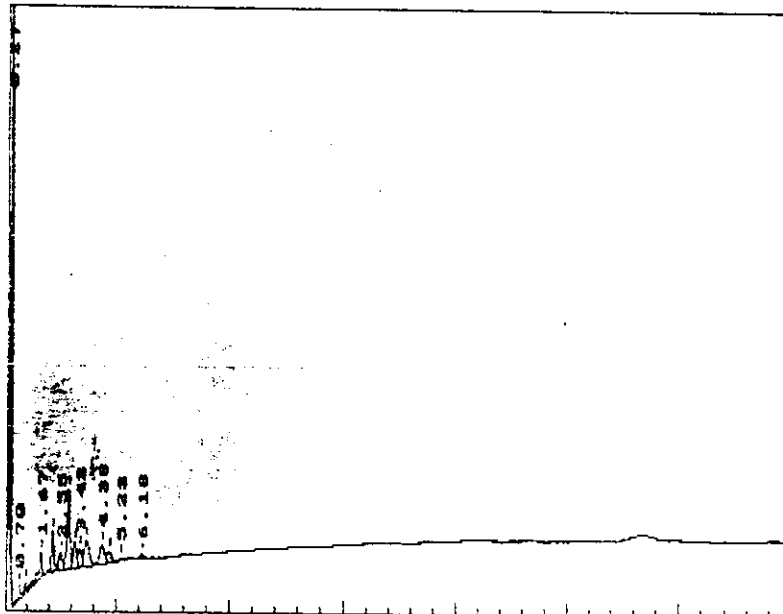
 * Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID *
 * Solvent Description: *
 * Conditions: ISOTHERMAL 200 C INJ. TEMP: 200 C DETECTOR : 350 C *
 * Detector 0: ECD Detector 1: ECD *
 * Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN *

 Starting Delay: 0.00 Run Time: 35.00

PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.267	153469	49.0347	1	45102	100.000	3.4
2	0.700	4738	1.5138	2	729	3.087	6.3
3	0.967	3585	1.1453	2	578	2.336	6.2
4	1.667	15964	5.1007	2	1279	10.402	12.5
5	2.183	14949	4.7762	2	2114	9.740	7.1
6	2.550	9319	2.9775	2	958	6.072	10.9
7	2.883	37400	11.9497	2	4209	24.370	8.9
8	3.167	13832	4.4196	2	1374	9.013	10.1
9	3.417	10499	3.3545	2	992	6.841	10.6
10	3.683	21946	7.0118	2	1354	14.300	16.2
11	4.383	13834	4.4202	2	1004	9.014	13.8
12	4.700	9220	2.9459	2	628	6.008	14.7
13	5.233	1389	0.4436	1	122	0.905	11.4
14	6.183	2837	0.9064	1	193	1.849	14.7

Total Area: 312980 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:\NOV617.ATB
 Data File = D:\NOV617.PTS Printed on 11-07-1991 at 01:56:26
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts



NORTHEASTERN ANALYTICAL CORP.
Report of Results

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PCB ANALYSIS

Client:	MATRIX SPIKE DUPLICATE	Report #:	PEST
Client ID:	MSD	NAC ID:	PEST-SD
Date Extracted:	10/28/91	Date Analyzed:	11/07/91
Extraction Method:	Separatory Funnel	Dilution:	5
Sample wt/vol:	1000 mls	Clean-Up:	N
Matrix:	Water		
UNITS:	ug/l		

CAS NO:	COMPOUND	RESULT
12674-11-2	AROCLOR 1016	3 U
11104-28-2	AROCLOR 1221	3 U
11141-16-5	AROCLOR 1232	3 U
53469-21-9	AROCLOR 1242	3 U
12672-29-6	AROCLOR 1248	3 U
11097-69-1	AROCLOR 1254	5 U
11096-82-5	AROCLOR 1260	5 U

U - Indicates compound was analyzed for but not detected (eg. 10u), based on necessary concentration or dilution. The number is the minimum attainable detection limit for the sample.

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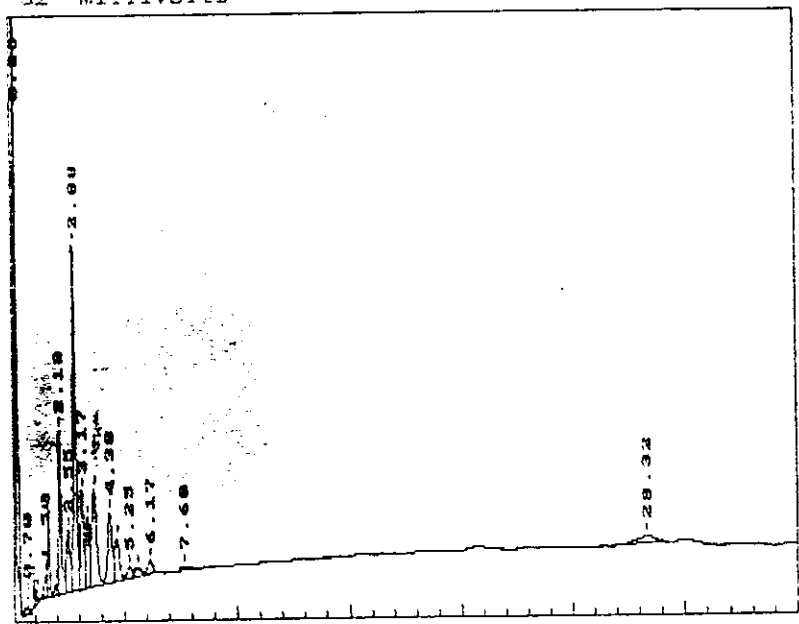
***** 11-07-1991 02:31:47 Version 5.1 *****
* Sample Name: 71L-3267-1 MSD 1:5           Data File: D:NOV618
* Date: 11-07-1991 01:56:55 Method: M608
* Interface: 0 Cycle#: 18 Operator KW Channel#: 1 Vial#: N.A.
* Starting Peak Width: 10 Threshold: .1 Area Threshold: 1000
*****
* Instrument Type: TRACOR 540 SN 871275 Column Type: SP2250/SP2401 2MM ID
* Solvent Description:
* Conditions: ISOTHERMAL 200 C INJ. TEMP:200 C DETECTOR.: 350 C
* Detector 0: ECD Detector 1: ECD
* Misc. Information: SAMPLE VOL 2UL-CARRIER GAS NITROGEN
*****
Starting Delay: 0.00 Run Time: 35.00

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PK No.	Ret Time	Peak Area	Area %	B L	Peak Ht.	Normalized %	Area/Height
1	0.283	387508	37.8347	1	109415	100.000	3.5
2	0.700	6779	0.6619	1	982	1.749	6.9
3	0.967	4896	0.4780	1	1553	1.263	3.2
4	1.100	4111	0.4013	1	794	1.051	5.2
5	1.500	9125	0.8909	2	1212	2.355	7.5
6	1.667	28495	2.7822	2	4797	7.553	5.9
7	1.983	5761	0.5625	2	671	1.487	8.6
8	2.183	63537	6.2035	2	8725	16.396	7.3
9	2.550	37006	3.6131	2	3328	9.550	11.1
10	2.883	155056	15.1390	2	18451	40.914	8.4
11	3.167	52033	5.0803	2	5229	13.127	9.9
12	3.417	39219	3.8292	2	3736	10.121	10.5
13	3.700	82996	8.1034	2	5139	21.418	16.1
14	4.383	53502	5.2237	2	3721	13.807	14.4
15	4.700	34309	3.3498	2	2340	8.854	14.7
16	5.250	10256	1.0013	2	651	2.647	15.8
17	5.617	11459	1.1188	2	534	2.957	21.5
18	6.167	12011	1.1727	2	742	3.100	16.2
19	7.683	4496	0.4390	1	192	1.160	23.4
20	28.317	21658	2.1146	1	366	5.589	59.2

Total Area: 1024212 Area Reject: 100 One sample per 1.000 sec.

Areas, times, and heights stored in: D:NOV618.ATB
 Data File = D:NOV618.PTS Printed on 11-07-1991 at 02:31:53
 Start time: 0.00 min. Stop time: 35.00 min. Offset: 0 mv.
 Full Range: 32 millivolts





Roux Associates, Inc.
Test Report No. NAC91L-3267
Certification No. 03117
November 21, 1991

I. Miscellaneous Parameters Method Blank and Raw Data



Roux Associates, Inc.
Test Report No. NAC91L-3267
Certification No. 03117
November 21, 1991

. Miscellaneous Parameters

<u>Parameter</u>	<u>Method Blank</u>	<u>Detection Limit</u>
Petroleum Hydrocarbons by IR	ND	1,000
Units	(ug/l)	(ug/l)

ND: Not Detected.

Work continued from Page

Date	ST	SAL	g	ml	SOL	%	ABS	COAC	PIC	Leak		
10/28	✓ 3276-8					38		23.50		120	10/28	Dr
	✓ -14					30		29.58		150		
	✓ -15					54		15.70		80		
	✓ -16					88		45		185		
	✓ -17					81		45		121		
	✓ -18					36		25.12		130		
	✓ 3276-1					22		9.07	15/50	4500		
	✓ -2					83		5.13		25		
F10	3280					16						
10/28	Black					100		210		41	10/29	Dr
	CONT					28		37.19		90		
	L 324-1					100		10		11		
	L -2					100		10		4		
	L -3					100		10		4		
	L -4					100		10		11		
	✓ 324-1					100		10		11		
	✓ -2					100		10		4		
	✓ -4					84		14.10	5/50	14		
	✓ 3233					75		9.68	5/50	9.7		
	✓ 3237					100		10		11		
	✓ 32348					100		10		11		
	✓ 3248-1					100		10		11		
	✓ -2					100		10		11		
	✓ -3					98		10		11		
	✓ 2338-2					100		10		11		
10/29	Black					99		45		475		
	CONT					27		38.78		931		
	✓ 3283-1					46	100	5.86		30		
	✓ -1B					31		34.34		8372.4		
	✓ -1B					32		33.46		81.5		
	✓ -2					94		45		135		
	✓ -3					82		7.19		40		
10/30/91	3311-1					28	533	2.27	5/50	1526		
	CONT					28	233	3.27	5/50	625		
	✓ -2					99	100	1.375		< 100		

Volume for 3267

1000
0.80
.222
.356
.444
.614
LR-997

3248-1
-2
-3

10/30/91 3311-1

CONT -2

DISCLOSE TO AND UNDERSTOOD BY

DATE WITNESS

DATE

* THESE WERE 4g/40mls FROM EXTRACTED

7200mg
7200mg
6170mg
70sdms=66.9 wt

TITLE

TPHC'S

PROJECT NO.

191

BOOK NO.

38

Work continued from Page

DATE	GR	SPL	g	std	WT	ABS	LCRC	AC	Count		
10/24	Blank				100		L10		21		DC
	Comp				32		33.46		81		10/29
	✓ 32674				79		L10		41		
	✓ -15				25		40.35		2871		
	✓ -15				25				984.500		
	✓ -2				100		L10		41		
	✓ 32762		750		100		L10		4.3		
	✓ 8		300		100		L10		23.3		
	✓ 32951		100		100		L10		41		
	✓ -2		100		100		L10		41		
	33161				30		35.26	50	7000		200 X
	✓ -2				30		35.26	50	7000		
	✓ -3							50			
10/27	Blank		200		86		L5		225		DT
	Comp				24		36.81		847.		10/27
	✓ 33361			137	79	102	6.25		30		
	✓ 18			267	24		40.78		757.226		
	✓ 15			420	24		31.46		771.		
	✓ -2			502	23		5.30		30		
	✓ -3			1642	82		L5		225		
	✓ -4			LR-949	93		L5		225		
	✓ -5				43		21.85		110		
	✓ -6				82		5.30		30		
	✓ -7				47		14.57	50	480		
	✓ -8				88		L5		225		
	✓ -9				61		12.14	50	640		
	✓ -10				61		12.88		60		
	✓ -11				231		37.40		140		
	✓ -12				92		L5		225		
	✓ -13				95		L5		225		
	✓ -14				74		6.25		30		
	✓ -15				92		L5		225		

SC ENTIRE BINDERY PRODUCTIONS CHICAGO 50605

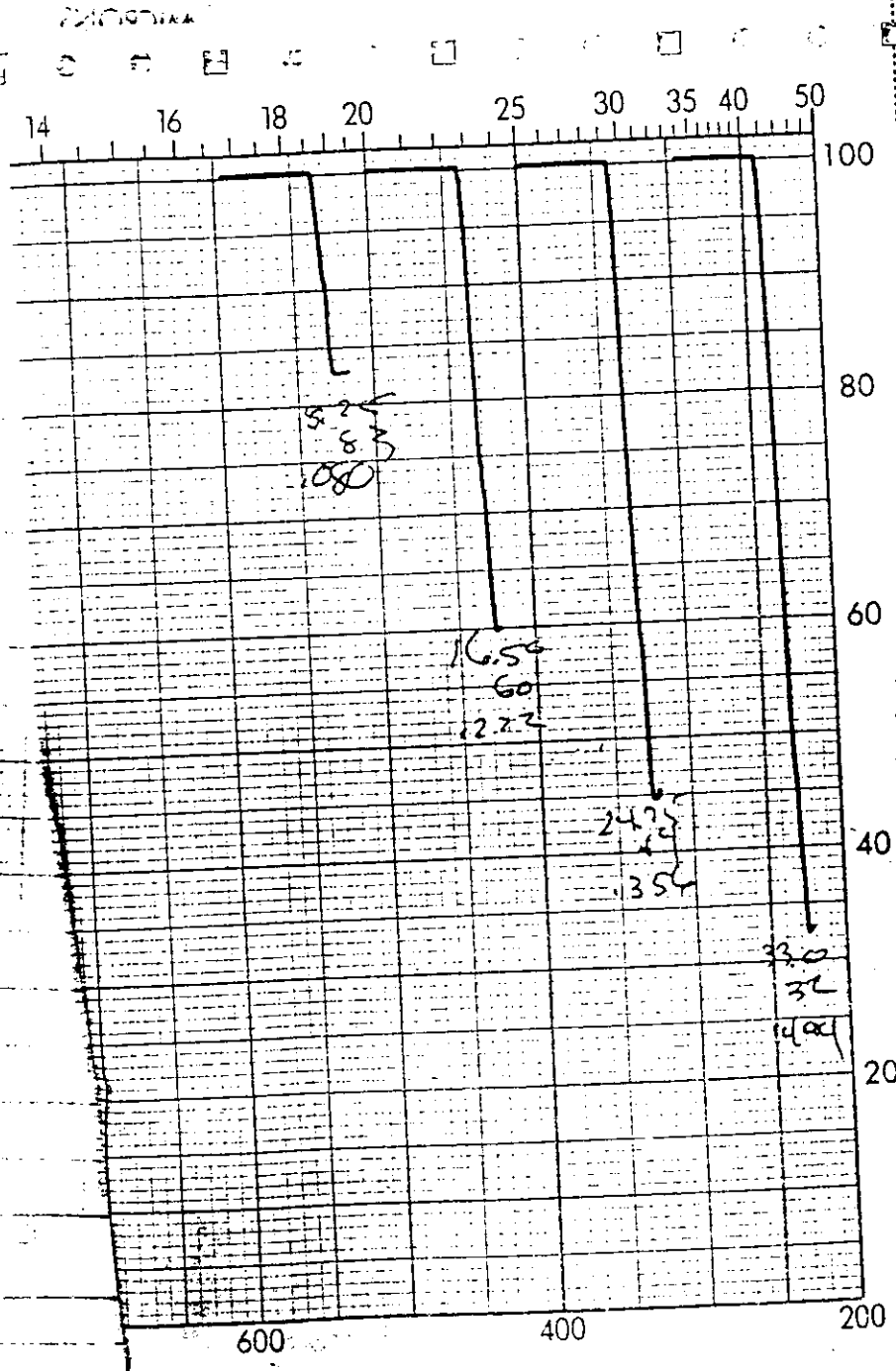
Work continued to Page

SIGNATURE: *[Signature]* DATE: 10/31

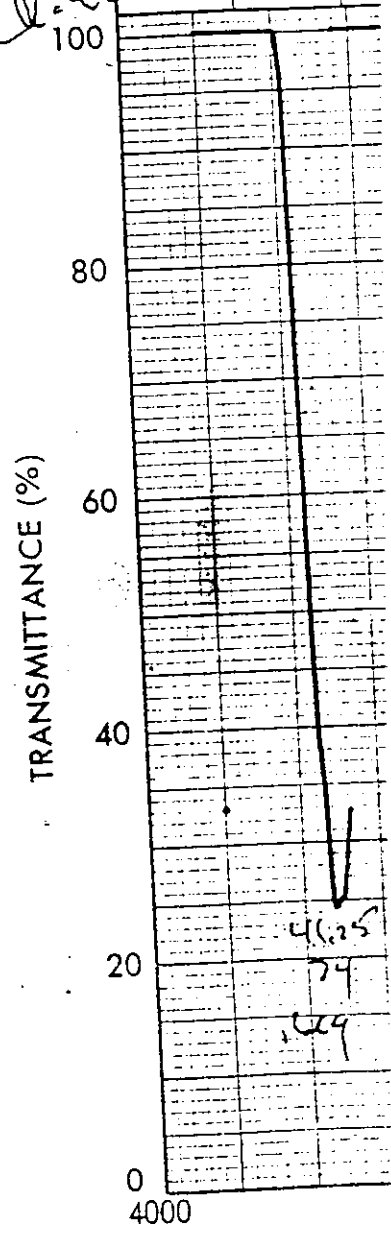
DISCLOSED TO AND UNDERSTOOD BY: _____ DATE: _____ WITNESS: _____ DATE: _____

Total Petroleum Hydrocarbon

10/30/91

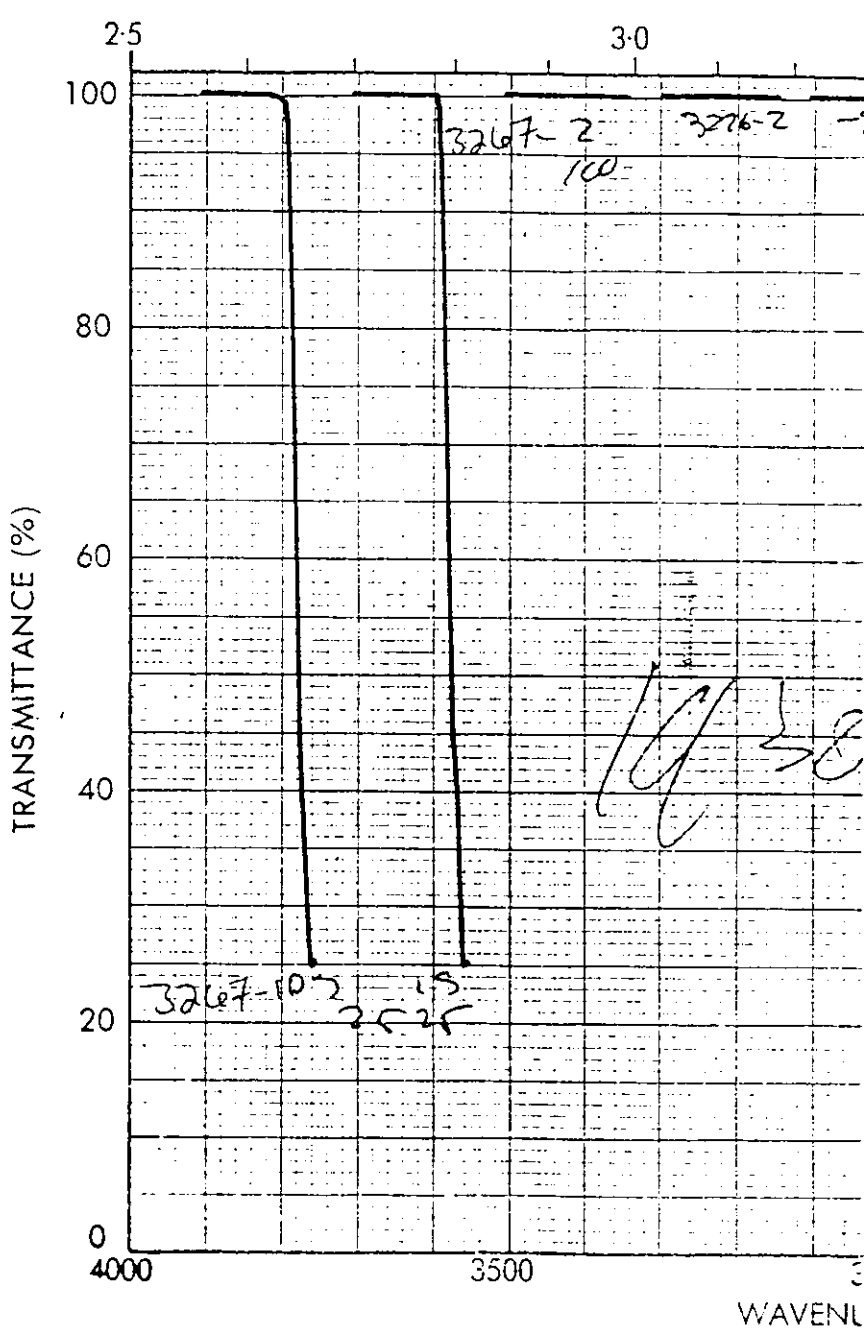
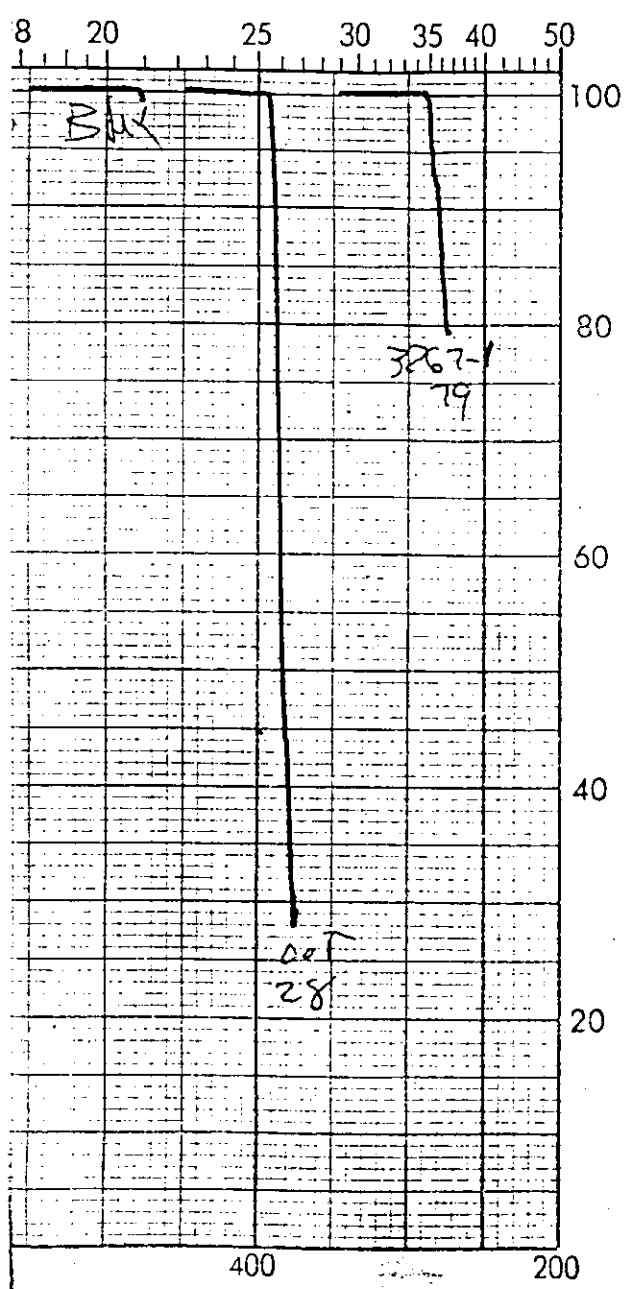


10-0857



ANT	OPERATOR _____
	DATE _____
ORATION	REF No. _____

SAMPLE
ORIGIN _____



OPERATOR _____
DATE _____
REF No. _____

SAMPLE _____
ORIGIN _____



Roux Associates, Inc.
Test Report No. NAC91L-3267
Certification No. 03117
November 21, 1991

J. Extraction Logs

EXTRACTION METHOD: 608

MATRIX: Ag

BATCH: GC-0104

PCB

ORGANICS EXTRACTION BATCH SHEET

SAMPLE ID	EXT. DATE	INT.	SX. WT (GM) OR VOL (ML)	CONC. FIN. VOL (ML)	SX. PH	SUPP. STD. ID #	COMMENTS
MS SX ID 91L3267-1(S)	10-28-91	JFK	500mls	10.0mls		1.0 ml DBCD 1.0 ml	PCB SPIKE #1016
MSD SX ID 91L3267-1(S)			500mls	10.0mls			
GC SPIKE SX ID GC SPIKE			1000mls	10.0mls			
#1 91L3267-1			1000mls	10.0mls		1.0 ml DBCD	
#2 -2	↓	↓	1000mls	10.0mls		↓	
#3 91L3451-1	11-14-91	JFK					
#4 91L3491-12			450mls			1.0 ml DBCD	
#5 -13	↓	↓	450mls			↓	See BLK #2
#6 91L3498-1	↓	↓	1000mls			↓	GC-0112
#7 91L3451-1	11-14-91	JFK	1000mls			1.0 ml DBCD	
#8							
#9							
#10							
#11							
#12							
#13							
#14							
#15							
#16							
#17							
#18							
#19							
#20							
BLANK #1	10-28-91	JFK	1000mls	10.0mls		1.0 ml DBCD	
BLANK #2							
BLANK #3							
BLANK #4							
BLANK #5							
BLANK #6							

* SIGNATURES: JFK = John F. Kayali