

01L

IEA
200 Monroe Turnpike
Monroe, CT 06468 (203) 261-4458

PCB Matrix Spike/Matrix Spike Duplicate Recovery
Results Reported as ug/L mg/Kg ug/Kg

Lab Name: IEA

Contract: _____

Lab Code: IEA

Case No.: 0148

SAS No.: _____

SDG No.: 20148

Matrix Spike - EPA Sample No.:

MW-36 MS/MSD

Compound	Spike Added	Sample Concentration	MS Concentration	MS % Rec
<u>AR 126</u>	<u>2000.</u>	<u>14,000</u>	<u>15,000</u>	<u>50.</u>

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD
<u>AR 126</u>	<u>2000.</u>	<u>15,000</u>	<u>50.</u>	<u>0</u>

Comments: _____

016

1151

IEA
200 Monroe Turnpike
Monroe, CT 06468 (203) 261-4458

2/23/16

PCB Matrix Spike/~~Matrix Spike Duplicate Recovery~~
Results Reported as ug/L mg/Kg ug/Kg

Lab Name: IEA

Contract: _____

Lab Code: IEA

Case No.: 0148

SAS No.: _____

SDG No.: 20148

Matrix Spike - EPA Sample No.:

MW-36 MSB

Compound	Spike Added	Sample Concentration	HS B Concentration	HS % Rec
<u>AK126 O</u>	<u>2000.</u>	<u>0</u>	<u>3300</u> <u>1700.</u>	<u>165.</u> <u>85.</u>

2/23/16

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD

Comments: _____

012

IEA
 200 Monroe Turnpike
 Monroe, CT 06468 (203) 261-4458

02/16

PCB Matrix Spike/~~Matrix Spike Duplicate Recovery~~
 Results Reported as ug/L mg/Kg ug/Kg

Lab Name: IEA

Contract: _____

Lab Code: IEA

Case No.: 0148

SAS No.: _____

SDG No.: 20148

Matrix Spike - EPA Sample No.:

MW-36 STD

Compound	Spike Added	Sample Concentration	HS Concentration	HS % Rec
			12,000	
AR 1242	10,000.	0	25,000	120.
AR 1260	10,000.	0	24,000	120.
			12,000	

02/16

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD

Comments: _____

IEA
 200 Monroe Turnpike
 Monroe, CT 06468 (203) 261-4458

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PCB Matrix Spike/Matrix Spike Duplicate Recovery
 Results Reported as ug/L mg/Kg ug/Kg

Lab Name: IEA

0148 Contract: _____

20148

Lab Code: IEA

Case No.: ~~006015~~ SAS No.: _____

SDG No.: ~~80060~~

Matrix Spike - EPA Sample No.:

QC CHECK STD

Compound	Spike Added	Sample Concentration	HS Concentration	HS % Rec
AR 1242	330.	0	220.	67.
AR 1260	330.	0	240.	73.

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD

Comments: _____

IEA
200 Monroe Turnpike
Monroe, CT 06468 (203) 261-4458

PCB Matrix Spike/Matrix Spike Duplicate Recovery
Results Reported as ug/L mg/Kg ng/Kg

Lab Name: IEA Contract: 20148
Lab Code: IEA Case No.: 00608 SAS No.: _____ SDG No.: 80060
Matrix Spike - EPA Sample No.: CS-64 MS/MSD

Compound	Spike Added	Sample Concentration	MS Concentration	MS % Rec
AR 1260	<u>400.</u>	1500.	1800.	75.

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD
AR 1260	400.	1500.	0	18.200.

Comments: _____

IEA
200 Monroe Turnpike
Monroe, CT 06468 (203) 261-4458

PCB Matrix Spike/Matrix Spike Duplicate Recovery
Results Reported as ug/L mg/Kg (ug/Kg)

Lab Name: IEA

(2/13/16)

0148 Contract: _____

(2/13/16)

20148

Lab Code: IEA

Case No.: ~~0060B~~ SAS No.: _____

SDG No.: ~~30060~~

Matrix Spike - EPA Sample No.:

CS-64 MSB

Compound	Spike Added	Sample Concentration	MS Concentration	MS % Rec
AK 1260	330.	0.	200.	61.

Compound	Spike Added	HSD Concentration	HSD % Rec	% RPD

Comments: _____

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK05 1157

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0211-B05

Lab File ID: B5044020.D

Matrix: (soil/water) ~~SOIL~~ *SOIL OIL* 09/3/16

Extraction: (SepF, Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N

Date Extracted: 02/11/93

Date Analyzed (1): 03/09/93

Date Analyzed (2): 03/13/93

Time Analyzed (1): 1843

Time Analyzed (2): 0644

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column (1): DB-1701

ID: 0.53(mm)

GC Column (2): RTX-35

ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	MW36	0148007	03/10/93	03/14/93
02	MW36DL	0148007DL	03/10/93	03/13/93
03	MW36MS	0148007MS	03/10/93	03/14/93
04	MW36MSB	0148007MSB	03/09/93	03/13/93
05	MW36MSD	0148007MSD	03/10/93	03/14/93
06	MW36STD	0148007STD	03/09/93	03/13/93
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

PESTICIDE
 INSTRUMENT DETECTION LIMITS.
 HP58901A DILUTION FACTOR 1.0
 DATE ANAL12/07/92 COL:RTX-35

COMPOUND	Units are ug/L	IDL	Q
ALPHA-BHC		0.005	0.05
BETA-BHC		0.002	0.05
DELTA-BHC		0.001	0.05
GAMMA-BHC		0.005	0.05
HEPTACHLOR		0.006	0.05
ALDRIN		0.001	0.05
HEPT.EPOXIDE		0.001	0.05
ENDOSULFAN 1		0.004	0.05
DIELDRIN		0.029	0.10
4,4' DDE		0.004	0.10
ENDRIN		0.012	0.10
ENDOSULFAN 2		0.008	0.10
4,4' DDD		0.021	0.10
ENDO. SULFATE		0.002	0.10
4,4' DDT		0.005	0.10
METHOXYCHLOR		0.105	0.50
ENDRIN KETONE		0.003	0.10
ENDRIN ALDEHYDE		0.005	0.10
ALPHA-CHLORDANE		0.000	0.05
GAMMA-CHLORDANE		0.001	0.05
TOXAPHENE		1.080	5.00
AROCLOR 1016		0.028	1.00
AROCLOR 1221		0.751	2.00
AROCLOR 1232		0.215	1.00
AROCLOR 1242		0.017	1.00
AROCLOR 1248		0.099	1.00
AROCLOR 1254		0.650	1.00
AROCLOR 1260		0.667	1.00

* Instrument detection limits are based upon a one liter sample volume brought to a ten mililiter final volume.

PESTICIDE
 INSTRUMENT DETECTION LIMITS.
 HP58905B DILUTION FACTOR 1.0
 DATE ANAL 12/21/92 COL:DB-1701

12/28/92 *12/06/92*

Units are ug/L.

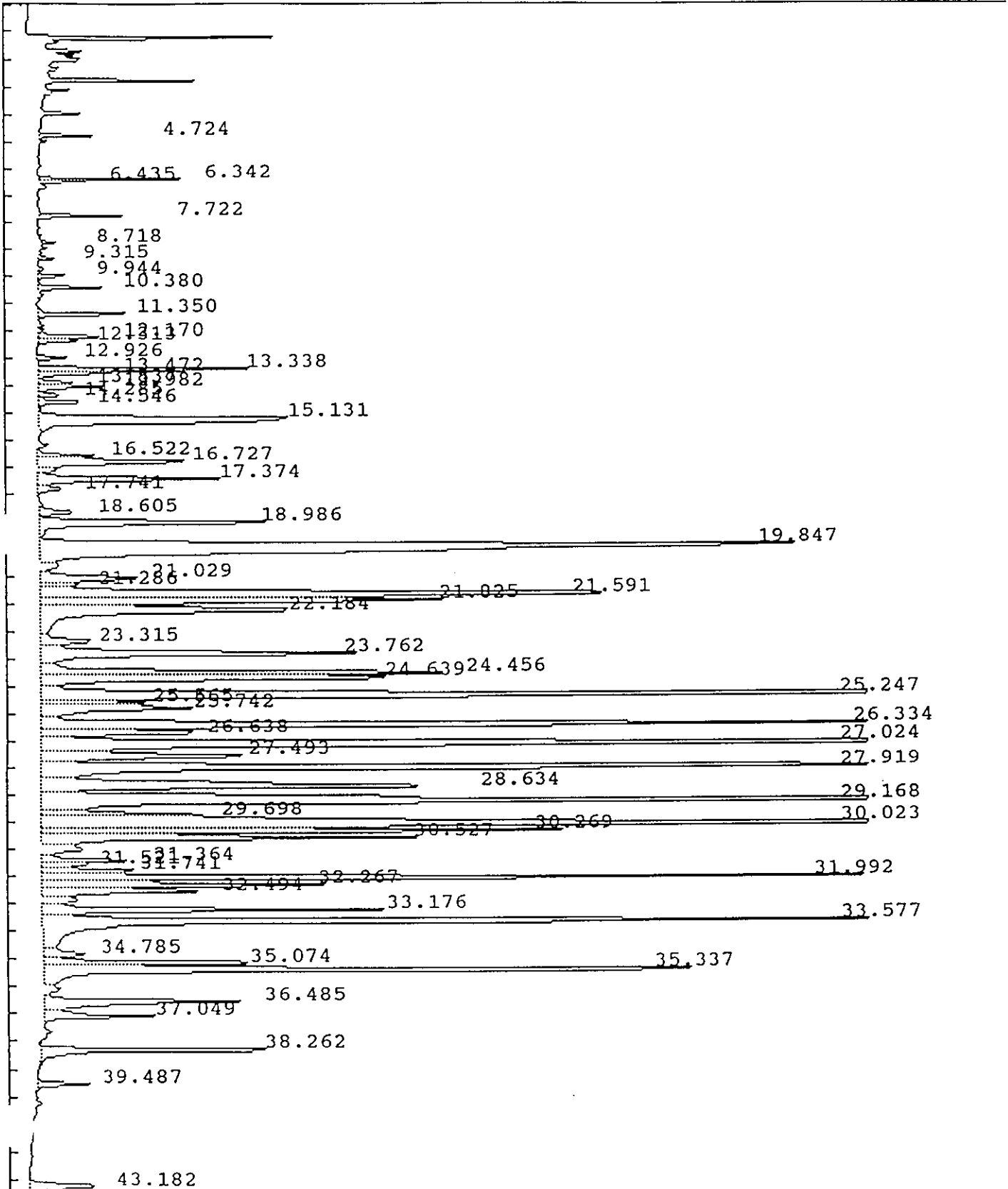
COMPOUND	IDL	Q
ALPHA-BHC	0.009	0.05
BETA-BHC	0.003	0.05
DELTA-BHC	0.003	0.05
GAMMA-BHC	0.011	0.05
HEPTACHLOR	0.010	0.05
ALDRIN	0.002	0.05
HEPT. EPOXIDE	0.002	0.05
ENDOSULFAN 1	0.001	0.05
DIELDRIN	0.012	0.10
4,4'DDE	0.003	0.10
ENDRIN	0.010	0.10
ENDOSULFAN 2	0.005	0.10
4,4' DDD	0.032	0.10
ENDO. SULFATE	0.003	0.10
4,4' DDT	0.015	0.10
METHOXYCHLOR	0.094	0.50
ENDRIN KETONE	0.006	0.10
ENDRIN ALDEHYDE	0.025	0.10
ALPHA-CHLORDANE	0.002	0.05
GAMMA-CHLORDANE	0.003	0.05
TOXAPHENE	1.523	5.00
AROCLOR 1016	0.092	1.00
AROCLOR 1221	0.439	2.00
AROCLOR 1232	0.235	1.00
AROCLOR 1242	0.068	1.00
AROCLOR 1248	0.033	1.00
AROCLOR 1254	0.052	1.00
AROCLOR 1260	0.075	1.00

Instrument detection limits are based upon
 a one liter sample volume brought to a ten milliliter
 final volume.

IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=100
Result File : /DATA/LOOP/RESULT/B5044024.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

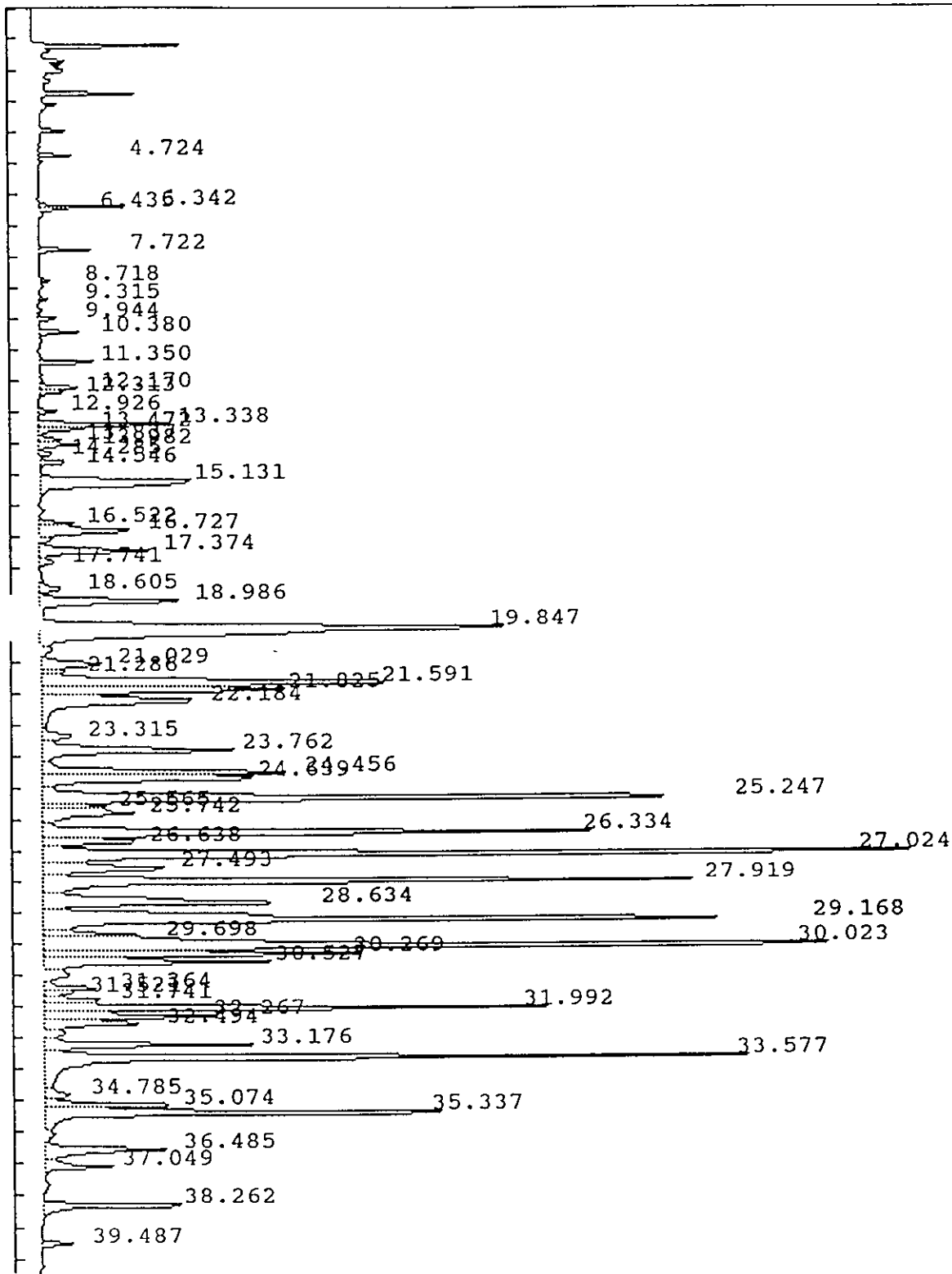
Inj on 2321 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : Q148005 MHS-3 DF=100
 Result File : /DATA/LOOP/RESULT/B5044024.RES
 Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2321 09Mar1993
 INSTRUMENT: HP58905B
 Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=100 Report No : 282.00
 Result File : /DATA/LOOP/RESULT/B5044024.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 2321 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 24 Bottle no. : 24

% Dil-Fact
 100.00

Run Status : RunStatusOK
 NoReference

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.72		.053706	20058	BB	0.0000	
2	6.34		.058722	43899	BV	0.0000	
3	6.43		.064838	14431	VB	0.0000	
4	7.72	7.76	.076361	33511	BB	.0271	Tetrachloro-m-xylene
5	8.72		.059823	5013	BV	0.0000	
6	9.31		.073835	5593	BB	0.0000	
7	9.94		.100976	13629	VB	0.0000	
8	10.38		.093578	28897	BV	0.0000	
9	11.35		.083001	41360	BB	0.0000	
10	12.17		.118710	32902	PV	0.0000	
11	12.31	Az1242	.098992	17019	VB	0.0000	
12	12.93		.103833	13177	BB	0.0000	
13	13.34		.108835	106841	BV	0.0000	
14	13.47		.112783	34980	VV	0.0000	
15	13.84		.109466	16689	VV	0.0000	
16	13.98		.120979	33476	VV	0.0000	
17	14.29		.109679	10778	VV	0.0000	
18	14.55		.112062	23784	VB	0.0000	
19	15.13		.256632	268828	BB	0.0000	
20	16.52		.132270	31258	PV	0.0000	
21	16.73		.184144	114284	VV	0.0000	
22	17.37		.161335	118782	VV	0.0000	
23	17.74		.174040	17157	VB	0.0000	
24	18.60		.165622	23888	VV	0.0000	
25	18.99	18.97	.189025	179294	VV	.2450	delta-BHC
26	19.85		.296877	914929	VV	0.0000	
27	21.03		.210199	82488	VV	0.0000	
28	21.29		.145733	21603	VV	0.0000	
29	21.59		.195846	469036	VV	0.0000	
30	21.83		.190621	301421	VV	0.0000	
31	22.18		.278297	284172	VV	0.0000	
32	23.31	23.34	.218815	46157	VV	.0390	gamma-Chlordane
33	23.76	23.79	.200115	254480	VV	.2032	alpha-Chlordane
34	24.46		.166027	274376	VV	0.0000	
35	24.64		.182963	263208	VV	0.0000	
36	25.25		.168116	762418	VV	0.0000	
37	25.56		.149846	63688	VV	0.0000	
38	25.74	Az1154	.209793	127198	VV	0.0000	
39	26.33		.166951	605193	VV	0.0000	

IEA Pesticide Standard Report

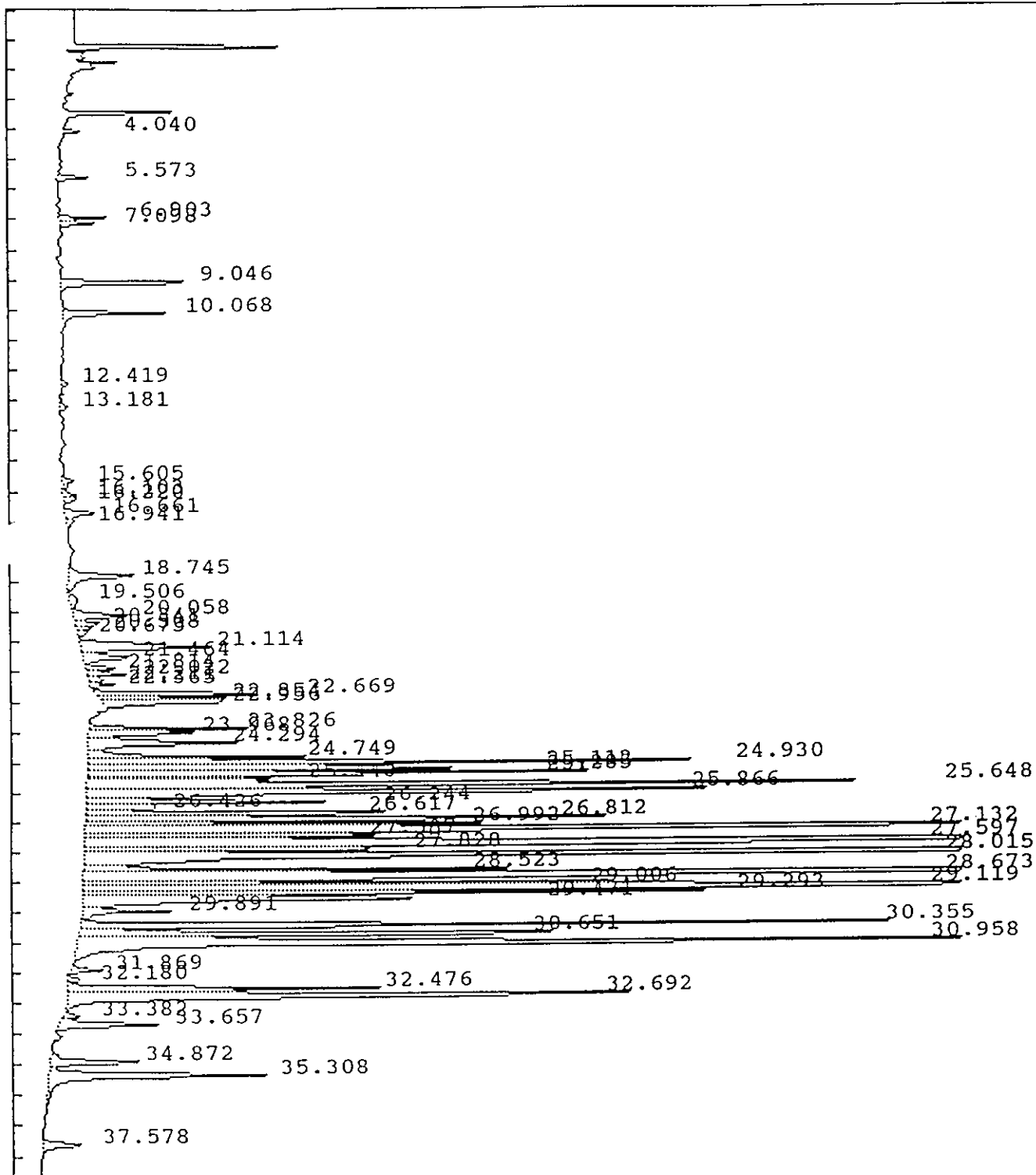
pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
0	26.64		.170083	114397	VV	0.0000	
41	<u>27.02</u>	27.00	.159841	981466	VV	1.1531	Endrin
42	<u>27.49</u>		.223434	187509	VV	0.0000	
43	27.92		.161248	711202	VV	0.0000	
44	28.63		.207249	354165	VV	0.0000	
45	29.17		.181373	906071	VV	0.0000	
46	29.70		.155071	99208	VV	0.0000	
47	30.02		.173022	1020764	VV	0.0000	
48	30.27		.146691	312163	VV	0.0000	
49	30.53		.157427	240760	VV	0.0000	
50	31.36		.135923	52125	VV	0.0000	
51	31.52		.116266	21888	VV	0.0000	
52	31.74		.139215	56143	VV	0.0000	
53	<u>31.99</u>		.137054	469426	VV	0.0000	
54	<u>32.27</u>		.142332	170376	VV	0.0000	
55	32.49	32.52	.162107	111439	VV	.1973	Endrin aldehyde
56	33.18		.138097	195286	VV	0.0000	
57	<u>33.58</u>		.150843	724585	VV	0.0000	
58	<u>34.78</u>	421260	.227339	37093	VV	0.0000	
59	35.07		.122481	124943	VV	0.0000	
60	<u>35.34</u>		.153491	475488	VV	0.0000	
61	<u>36.48</u>		.184294	153514	VV	0.0000	
62	37.05		.146240	71877	VB	0.0000	
63	38.26		.124757	143538	BB	0.0000	
64	39.49		.126697	27980	BB	0.0000	
65	43.18		.209361	57315	BB	0.0000	

Total Area : 13540612 Total PPB : 1.865

Report Time : 0011 10Mar1993
Method : /DATA/LOOP/METHOD/B5044.MTH
Result File : /DATA/LOOP/RESULT/B5044024.RES

IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=100 Inj on 1221 12Mar1993
 Result File : /DATA/LOOP/RESULT/A1213037.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=100 Report No : 264.10
 Result File : /DATA/LOOP/RESULT/A1213037.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1221 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 37 Bottle no. : 37

% Dil-Fact
 3333.00

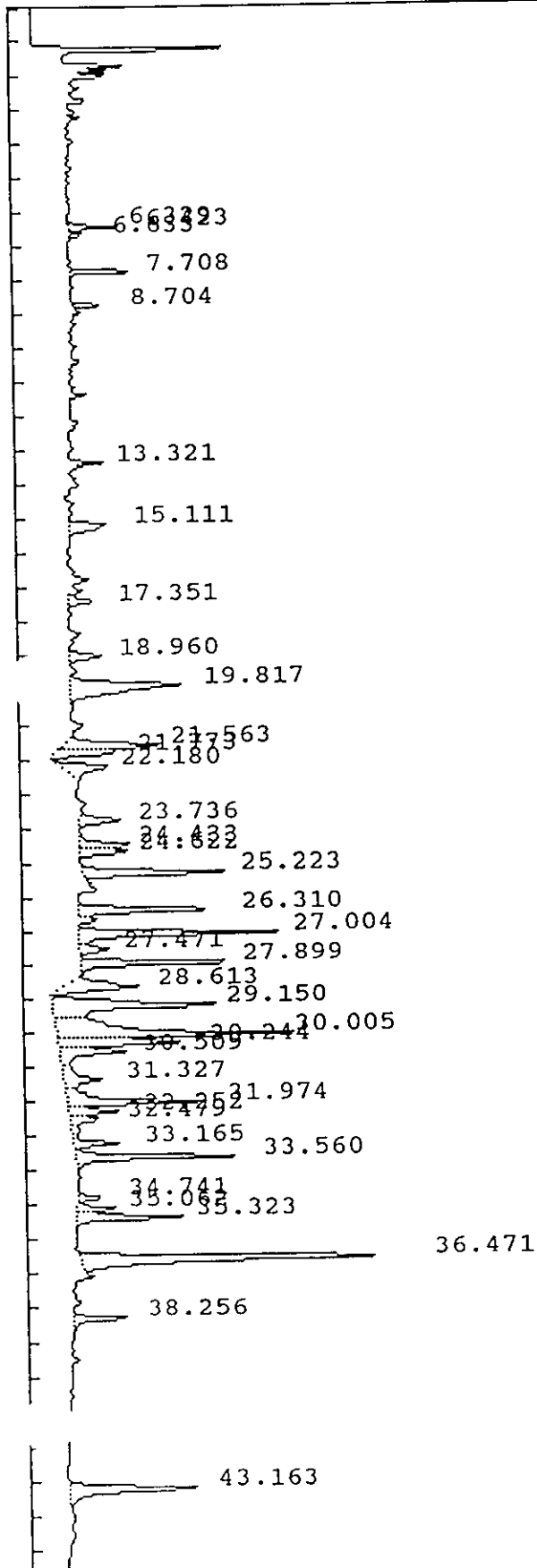
Run Status : RunStatusOK
 NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.04		.060148	25591	PH	0.0000	
2	5.57		.107562	67730	BV	0.0000	
3	6.90		.086400	84746	PV	0.0000	
4	7.10		.108276	74006	VB	0.0000	
5	9.05		.125396	348983	BB	0.0000	
6	10.07		.115025	243767	BB	0.0000	
7	12.42	12.40	.103914	15116	BB	.1034	Tetrachloro-m-Xylene
8	13.18		.186758	30823	BV	0.0000	
9	15.61		.135738	31526	VV	0.0000	
10	16.10		.145736	39053	VV	0.0000	
11	16.22		.146117	32737	VV	0.0000	
12	16.66		.166998	97657	PV	0.0000	
13	16.94		.212515	29539	VV	0.0000	
14	18.75		.209379	260615	BB	0.0000	
15	19.51	19.47	.344143	52022	BV	.5659	beta-BHC
16	20.06		.168982	179074	VV	0.0000	
17	20.34		.136981	67787	VV	0.0000	
18	20.51		.117615	32330	VV	0.0000	
19	20.67		.123047	24930	VB	0.0000	
20	21.11	21.16	.196547	481775	BV	3.8292	Heptachlor
21	21.46	21.44	.177487	167412	VV	1.1310	delta-BHC
22	21.81		.117526	72403	VV	0.0000	
23	22.02		.110698	89819	VV	0.0000	
24	22.21		.093305	31265	VV	0.0000	
25	22.37		.099983	52622	VB	0.0000	
26	22.67	22.68	.104430	376571	BV	2.6587	Aldrin
27	22.85		.101862	300998	VV	0.0000	
28	22.96		.109801	254282	VV	0.0000	
29	23.83		.095401	313708	BV	0.0000	
30	23.97		.110609	249343	VV	0.0000	
31	24.29		.151476	471743	VV	0.0000	
32	24.75	24.81	.105385	471703	VV	3.8767	Heptachlor epoxide
33	24.93		.106734	1322147	VV	0.0000	
34	25.11		.105179	891622	VV	0.0000	
35	25.28		.102266	1074636	VV	0.0000	
36	25.44	25.47	.091763	359219	VV	2.8119	gamma-Chlordane
37	25.65		.112759	1938478	VV	0.0000	
38	25.87		.158525	1887644	VV	0.0000	
39	26.24	Ar 1154	.102908	552066	VV	0.0000	

IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=1000
Result File : /DATA/LOOP/RESULT/B5044023.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2227 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=1000
 Result File : /DATA/LOOP/RESULT/B5044023.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID.
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 2227 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 23 Bottle no. : 23

Report No : 281.00

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK
 NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.33		.055247	4119	BV	0.0000	
2	6.42		.064135	13776	VV	0.0000	
3	6.63		.072384	4388	PB	0.0000	
4	7.71		.070878	21882	BB	0.0000	
5	8.70		.073850	10024	BB	0.0000	
6	13.32		.086623	8152	BV	0.0000	
7	15.11		.227207	26743	BB	0.0000	
8	17.35		.152255	12447	VV	0.0000	
9	18.96	18.97	.175673	18195	BV	.0249	delta-BHC
10	19.82		.281099	99030	VB	0.0000	
11	21.56		.194880	58515	BV	0.0000	
12	21.77		.153034	28467	VV	0.0000	
13	22.18		.262516	41096	PB	0.0000	
14	23.74	23.79	.177588	23464	BB	.0187	alpha-Chlordane
15	24.43		.154874	25338	BV	0.0000	
16	24.62		.168327	25179	VB	0.0000	
17	25.22		.160565	74054	BV	0.0000	
18	26.31	<i>Analysy</i>	.155663	71383	BV	0.0000	
19	27.00	27.00	.158627	102719	VV	.1207	Endrin
20	27.47		.186762	16982	VV	0.0000	
21	27.90		.144607	78164	PB	0.0000	
22	28.61		.228883	54415	BV	0.0000	
23	29.15		.232164	128417	PV	0.0000	
24	30.01		.235390	183729	VV	0.0000	
25	30.24		.161978	64568	VV	0.0000	
26	30.51		.196956	43898	VV	0.0000	
27	31.33		.285514	35225	VV	0.0000	
28	31.97		.174884	77444	VV	0.0000	
29	32.25		.148602	24380	VV	0.0000	
30	32.48	32.52	.164240	16510	VV	.0292	Endrin aldehyde
31	33.17		.180190	27841	VV	0.0000	
32	33.56		.138528	78647	VB	0.0000	
33	34.74	<i>Ak1260</i>	.149169	12529	BV	0.0000	
34	35.06		.117408	16420	VV	0.0000	
35	35.32		.141127	52035	VB	0.0000	
36	36.47		.176757	189256	BV	0.0000	
37	38.26		.131654	25728	BB	0.0000	
38	43.16		.202400	84950	BB	0.0000	

08/16

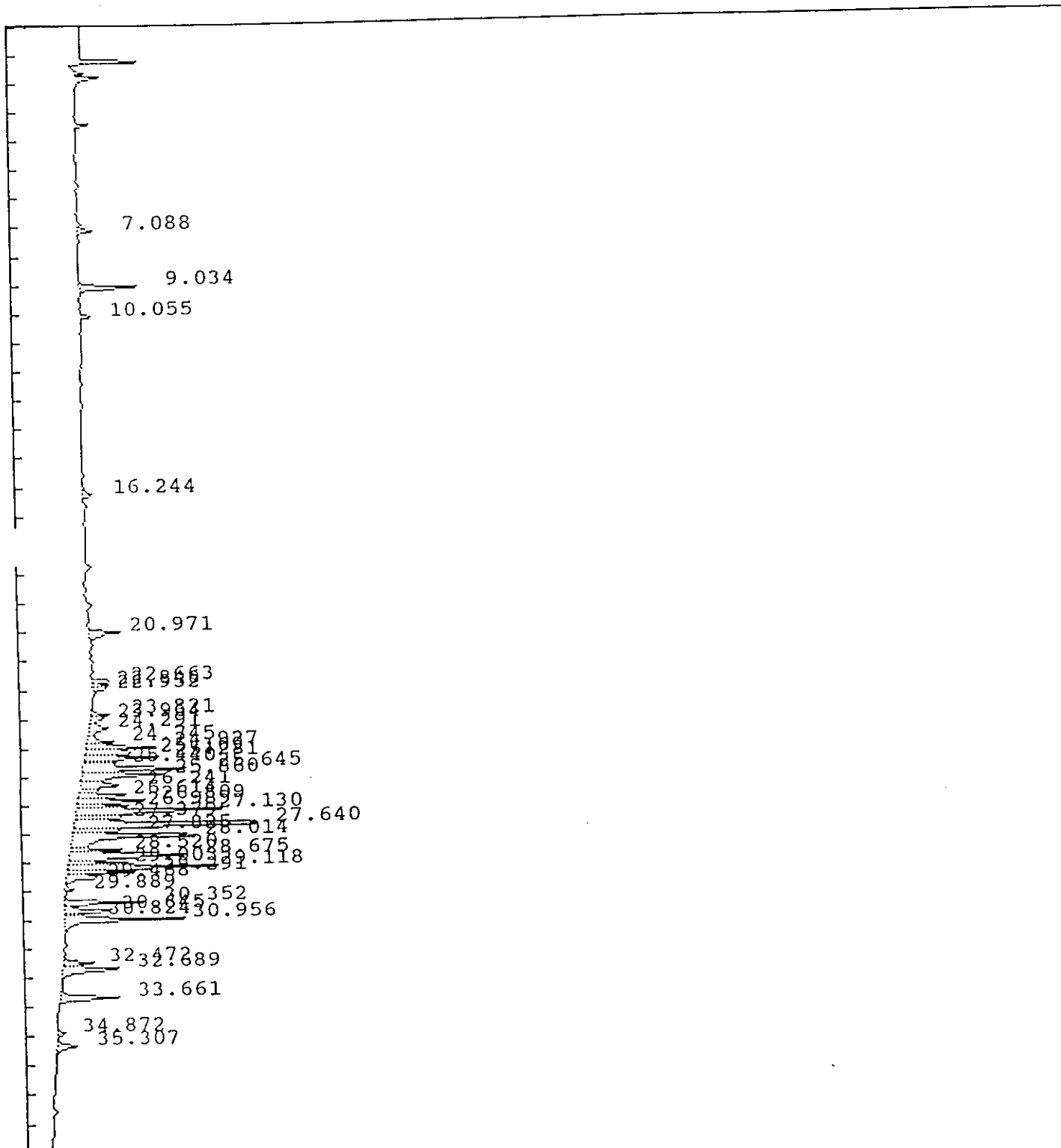
Total Area : 1880111 Total PPB : .194

IEA Pesticide Standard Report

Report Time : 2317 09Mar1993
Method : /DATA/LOOP/METHOD/B5044.MTH
Result File : /DATA/LOOP/RESULT/B5044023.RES

IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=1000 Inj on 1121 12Mar1993
Result File : /DATA/LOOP/RESULT/A1213036.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148005 MHS-3 DF=1000
 Result File : /DATA/LOOP/RESULT/A1213036.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1121 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 36 Bottle no. : 36

Report No : 263.00

Inj. Vol. : 1 ul

% Dil-Fact
 3333.00

Run Status : RunStatusOK
 NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.103944	35217	VB	0.0000	
2	9.03		.120049	148459	BB	0.0000	
3	10.05		.101547	23043	BB	0.0000	
4	16.24		.146169	27322	BB	0.0000	
5	20.97		.161797	108347	BV	0.0000	
6	22.66	22.68	.103595	48426	BV	.3419	Aldrin
7	22.85		.104704	39160	VV	0.0000	
8	22.95		.109239	30185	VV	0.0000	
9	23.82		.096932	39411	BV	0.0000	
10	23.96		.134726	38285	VV	0.0000	
11	24.29		.196064	80529	VV	0.0000	
12	24.75	24.81	.137045	78640	VV	.6463	Heptachlor epoxide
13	24.93		.117865	176853	VV	0.0000	
14	25.11		.115202	123315	VV	0.0000	
15	25.28		.108155	175286	VV	0.0000	
16	25.44	25.47	.097472	66610	VV	.5214	gamma-Chlordane
17	25.65		.123925	305705	VV	0.0000	
18	25.86		.183552	305128	VV	0.0000	
19	26.24		.129016	115009	VV	0.0000	
20	26.61	26.92	.118702	132713	VV	0.0000	
21	26.81		.109904	169915	VV	0.0000	
22	26.99		.095330	104916	VV	.9084	Dieldrin
23	27.13		.142182	447375	VV	0.0000	
24	27.38		.133763	116575	VV	0.0000	
25	27.64		.173122	645371	VV	0.0000	
26	27.83	27.89	.103184	103511	VV	1.1747	Endrin
27	28.01		.137334	479897	VV	0.0000	
28	28.52		.091878	108344	VV	0.0000	
29	28.68		.168395	400758	VV	0.0000	
30	29.00		.101899	152842	VV	0.0000	
31	29.12	29.07	.092959	318628	VV	3.9111	4,4'-DDT
32	29.29	29.24	.095157	144466	VV	1.5345	Endrin aldehyde
33	29.47		.109396	93023	VV	0.0000	
34	29.89		.084011	14932	PV	0.0000	
35	30.35	29.26	.104985	181723	PV	0.0000	
36	30.65		.126157	133599	VV	0.0000	
37	30.82		.078426	30898	VV	0.0000	
38	30.96		.128856	318831	VB	0.0000	
39	32.47		.122941	76308	BV	0.0000	

29.24/16

IEA Pesticide Standard Report

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	32.69		.163186	190514	VV	0.0000	
41	33.66		.143316	164879	BB	0.0000	
42	34.87		.135582	22977	BV	0.0000	
43	35.31		.168842	67872	VB	0.0000	

Total Area : 6585797 Total PPB : 9.038

Report Time : 1208 12Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213036.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36 11.6

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0148007

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: B5044025.D

% Moisture: 0

decanted: (Y/N) N

Date Received: 02/09/93

Extraction: (SepF/Cont/Sonc) ~~SONC~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 03/10/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

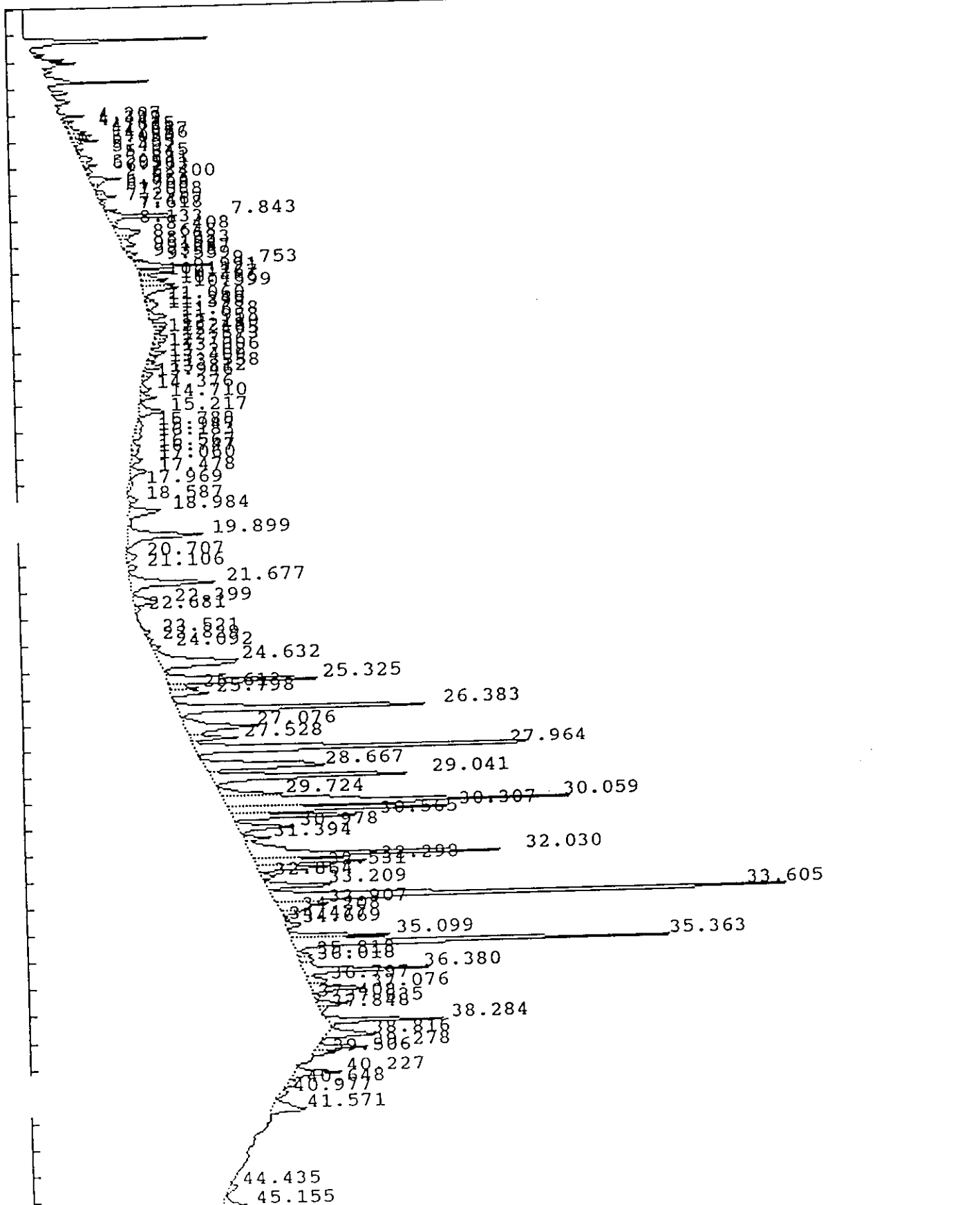
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	1000 990	U
11104-28-2-----	Aroclor-1221	2000	U
11141-16-5-----	Aroclor-1232	1000 990	U
53469-21-9-----	Aroclor-1242	990	U
12672-29-6-----	Aroclor-1248	990	U
11097-69-1-----	Aroclor-1254	990	U
11096-82-5-----	Aroclor-1260	14000	

YR
3/17/93

IEA Pesticide Standard Report

Sample Name : 0148007 MW-36
Result File : /DATA/LOOP/RESULT/B5044025.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0015 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 Report No : 283.10
 Result File : /DATA/LOOP/RESULT/B5044025.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0015 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 25 Bottle no. : 25

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.21		.056010	19982	BV	0.0000	
2	4.34		.097048	14566	VV	0.0000	
3	4.44		.061040	15471	VV	0.0000	
4	4.62		.109550	58926	VV	0.0000	
5	4.77		.075351	54085	VV	0.0000	
6	4.82		.045305	23688	VV	0.0000	
7	4.96		.077061	62897	VV	0.0000	
8	5.05		.061898	15767	VB	0.0000	
9	5.30		.082674	20610	BV	0.0000	
10	5.41		.052182	2501	VV	0.0000	
11	5.65		.136239	60464	PV	0.0000	
12	5.88		.098525	45006	VV	0.0000	
13	5.99		.041537	4507	VV	0.0000	
14	6.06		.059445	7206	VV	0.0000	
15	6.15		.101034	18720	VB	0.0000	
16	6.40		.130262	126490	BV	0.0000	
17	6.62		.093784	23371	VV	0.0000	
18	6.76		.076625	9583	VB	0.0000	
19	6.91		.104080	33890	BV	0.0000	
20	7.09		.102222	62755	VV	0.0000	
21	7.29		.114762	15341	VV	0.0000	
22	7.47		.066617	8177	VV	0.0000	
23	7.62		.071203	32217	PV	0.0000	
24	7.84		.104901	279211	VV	0.0000	
25	8.13		.087102	15835	VB	0.0000	
26	8.41		.234416	153944	BV	0.0000	
27	8.65		.123293	41945	VV	0.0000	
28	8.92		.164300	65795	VV	0.0000	
29	9.10		.066122	3607	VB	0.0000	
30	9.29		.114466	36508	BV	0.0000	
31	9.40		.044238	1883	VV	0.0000	
32	9.56		.080823	32076	VV	0.0000	
33	9.75		.092926	240905	VB	0.0000	
34	9.99		.109166	106933	BV	0.0000	
35	10.11		.057680	15003	VV	0.0000	
36	10.27		.140147	98381	VV	0.0000	
37	10.47		.149837	122735	VV	0.0000	
38	10.60		.164101	153863	VB	0.0000	
39	11.06	11.07	.110642	24692	BV	.0282	

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~~alpha-BHC~~

IEA Pesticide Standard Report

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	11.24		.217649	57731	VV	0.0000	
41	11.40		.070320	7751	VV	0.0000	
42	11.64		.170454	78025	VV	0.0000	
43	11.95		.111148	50554	PV	0.0000	
44	12.11		.087628	24901	VB	0.0000	
45	12.25		.065669	11085	BV	0.0000	
46	12.41		.152976	46472	VV	0.0000	
47	12.57		.116734	39224	VV	0.0000	
48	12.76	12.72	.114909	23335	VB	.0255	gamma-BHC (Lindane)
49	13.01		.106830	46641	BV	0.0000	
50	13.20		.129358	27627	VV	0.0000	
51	13.41		.108521	25345	VV	0.0000	
52	13.56		.112467	54789	VB	0.0000	
53	13.81		.144624	32054	BV	0.0000	
54	13.95		.131466	26795	VB	0.0000	
55	14.38		.174306	42750	BV	0.0000	
56	14.71		.130090	54363	VB	0.0000	
57	15.22	15.26	.217971	139232	BB	.1516	Aldrin
58	15.79		.223621	37798	BV	0.0000	
59	15.95		.142565	22874	VV	0.0000	
60	16.18		.177327	36225	VB	0.0000	
61	16.57		.201051	41167	BV	0.0000	
62	16.75		.191574	35729	VV	0.0000	
63	17.06		.191894	56792	VV	0.0000	
64	17.48		.198848	83740	VB	0.0000	
65	17.97		.279772	28297	BV	0.0000	
66	18.59		.185239	46584	PB	0.0000	
67	18.98	18.97	.242980	197895	BV	.2704	delta-BHC
68	19.90		.241378	453922	VB	0.0000	
69	20.71		.210048	55537	BV	0.0000	
70	21.11		.170663	44130	VB	0.0000	
71	21.68		.227174	478781	BV	0.0000	
72	22.40		.240144	144424	VV	0.0000	
73	22.68	22.71	.184073	24103	VV	.0279	Endosulfan I
74	23.52		.118283	20848	PV	0.0000	
75	23.83	23.79	.146287	22925	VB	.0183	alpha-Chlordane
76	24.09		.152666	34406	BV	0.0000	
77	24.63		.303567	596792	VB	0.0000	
78	25.32		.186116	708804	BV	0.0000	
79	25.61	25.64	.142574	100708	VV	.1126	Dieldrin
80	25.80		.144221	140545	VB	0.0000	
81	26.38		.164779	1078740	BV	0.0000	
82	27.08		.256114	474936	VV	0.0000	
83	27.53		.151288	187306	VV	0.0000	
84	27.96		.155406	1466423	VB	0.0000	
85	28.67		.248336	735134	BV	0.0000	
86	29.04		.169294	884898	VB	0.0000	
87	29.72		.169700	252392	BV	0.0000	
88	30.06	30.11	.194990	1684047	VV	2.2647	4,4'-DDD
89	30.31		.139875	804484	VV	0.0000	
90	30.56		.135983	470204	VB	0.0000	
91	30.98		.176966	252029	BB	0.0000	
92	31.39		.118174	85859	BV	0.0000	
93	32.03		.177485	1187766	VV	0.0000	
94	32.30		.144416	426196	VV	0.0000	

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IEA Pesticide Standard Report

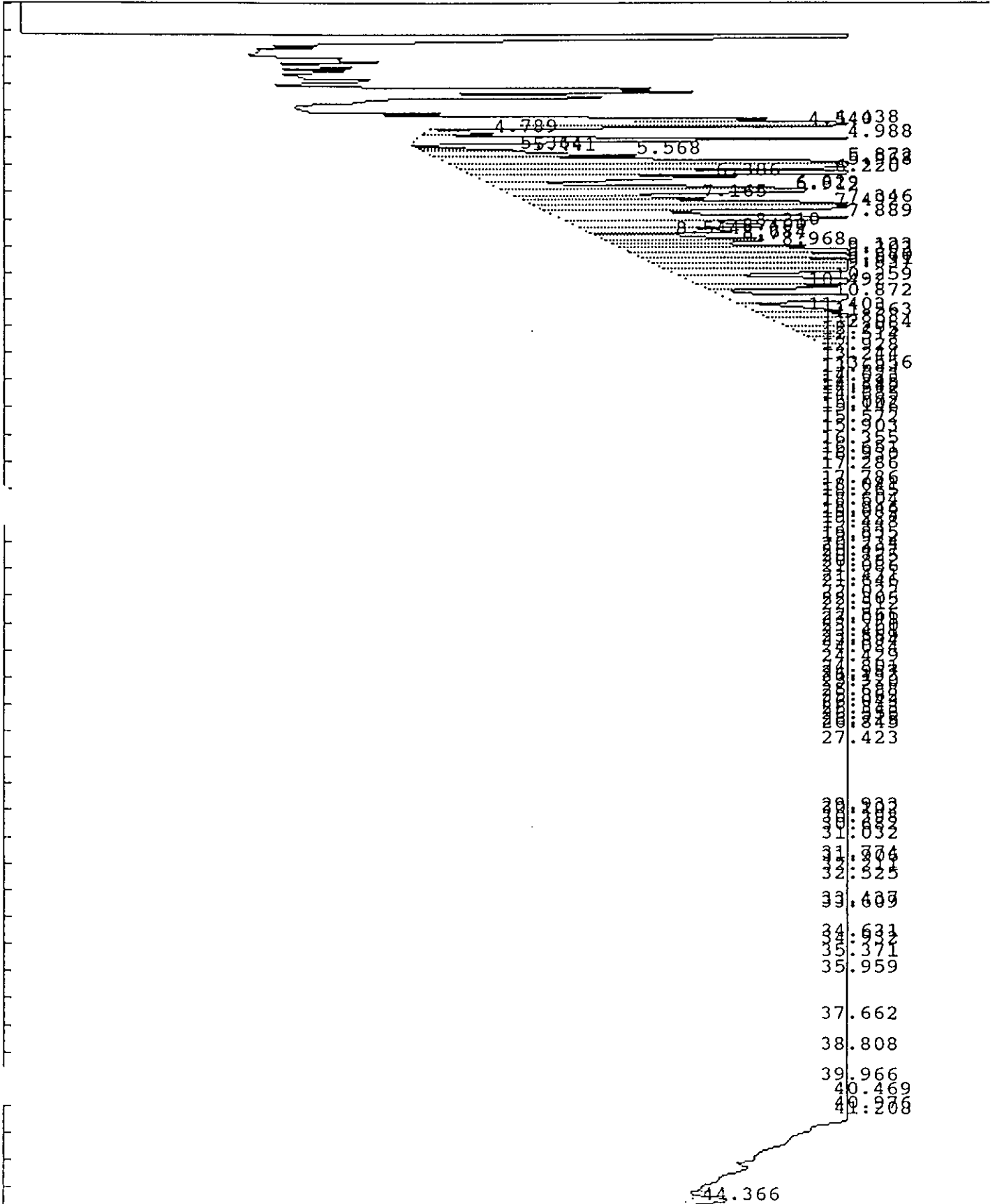
pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	32.53	32.52	.154021	279177	VV	.4944	Endrin aldehyde
96	32.86		.164861	56617	VB	0.0000	
97	33.21		.138274	256314	BV	0.0000	
98	33.61		.140087	2047571	VV	0.0000	
99	33.91		.231859	289301	VV	0.0000	
100	34.21	34.19	.123728	63540	VB	.0871	Endosulfan sulfate
101	34.48	34.52	.088201	10276	BV	.0283	Methoxychlor
102	34.67		.169913	65328	VB	0.0000	
103	35.10		.128364	328581	BV	0.0000	
104	35.36		.150674	1474874	VV	0.0000	
105	35.82		.149275	56262	VV	0.0000	
106	36.02		.165058	55437	VV	0.0000	
107	36.38		.150783	495577	VV	0.0000	
108	36.80		.170729	98416	VV	0.0000	
109	37.08		.165472	244431	VV	0.0000	
110	37.41		.140631	19111	VB	0.0000	
111	37.64		.138572	114287	BV	0.0000	
112	37.85		.166656	33978	VB	0.0000	
113	38.28		.123209	391269	BB	0.0000	
114	38.82		.186845	228713	BV	0.0000	
115	39.28		.127398	167780	PV	0.0000	
116	39.51		.123321	67186	VV	0.0000	
117	40.23	#40.19	.175043	206409	BB	.1683	Decachlorobiphenyl
118	40.65		.143465	33914	BB	0.0000	
119	40.98		.175647	30738	BB	0.0000	
120	41.57		.242211	207840	BB	0.0000	
121	44.44		.272485	50848	PV	0.0000	
122	45.15		.205923	124827	VV	0.0000	

Total Area : 23820252 Total PPB : 3.677

Report Time : 1827 15Mar1993
Method : /DATA/LOOP/METHOD/B5044_025.MT
Result File : /DATA/LOOP/RESULT/B5044025.RES

IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 Inj on 0041 14Mar1993
 Result File : /DATA/LOOP/RESULT/A1213077.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007 MW-36
 Result File : /DATA/LOOP/RESULT/A1213077.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0041 14Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 77
 Report No : 304.02
 Inj. Vol. : 1 ul
 Bottle no. : 77

% Dil-Fact
 100.00

Run Status : EndOffBaseline
 SignalOverload
 SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.44		0.000000	656139	VV	0.0000	
2	4.54		0.000000	436478	VV	0.0000	
3	4.79		0.000000	151849	PV	0.0000	
4	4.99		0.000000	1339527	VV	0.0000	
5	5.36		0.000000	143740	PV	0.0000	
6	5.44		0.000000	153304	VV	0.0000	
7	5.57		0.000000	525716	VV	0.0000	
8	5.87		0.000000	1701870	VV	0.0000	
9	5.97		0.000000	1377440	VV	0.0000	
10	6.22		0.000000	1341055	VV	0.0000	
11	6.39		0.000000	867457	VV	0.0000	
12	6.83		0.000000	1031798	VV	0.0000	
13	6.91		0.000000	796885	VV	0.0000	
14	7.17		0.000000	483307	VV	0.0000	
15	7.35		0.000000	941037	VV	0.0000	
16	7.49		0.000000	1165717	VV	0.0000	
17	7.89		0.000000	1500364	VV	0.0000	
18	8.21		0.000000	777695	VV	0.0000	
19	8.40		0.000000	413463	VV	0.0000	
20	8.54		0.000000	140472	VV	0.0000	
21	8.68		0.000000	336163	VV	0.0000	
22	8.78		0.000000	323110	VV	0.0000	
23	8.97		0.000000	519748	VV	0.0000	
24	9.12		0.000000	750632	VV	0.0000	
25	9.30		0.000000	785605	VV	0.0000	
26	9.57		0.000000	806888	VV	0.0000	
27	9.69		0.000000	899429	VV	0.0000	
28	9.84		0.000000	834676	VV	0.0000	
29	10.26		0.000000	996819	VV	0.0000	
30	10.49		0.000000	405650	VV	0.0000	
31	10.87		0.000000	923874	VV	0.0000	
32	11.40		0.000000	392411	VV	0.0000	
33	11.56		0.000000	388713	VV	0.0000	
34	11.86		0.000000	1435350	VV	0.0000	
35	12.08		0.000000	627820	VV	0.0000	
36	12.30		0.000000	779834	VV	0.0000	
37	12.51		0.000000	1536919	VV	0.0000	
38	12.93		0.000000	3448268	VV	0.0000	

IEA Pesticide Standard Report							Name
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	
39	13.24		0.000000	1944303	VV	0.0000	
40	13.56		0.000000	157435	VV	0.0000	
41	13.68		0.000000	750132	VV	0.0000	
42	14.02		0.000000	1207209	VV	0.0000	
43	14.24		0.000000	735255	VV	0.0000	
44	14.39		0.000000	462482	VV	0.0000	
45	14.51		0.000000	189036	VV	0.0000	
46	14.68		0.000000	651287	VV	0.0000	
47	15.00		0.000000	603405	VV	0.0000	
48	15.15		0.000000	1091527	VV	0.0000	
49	15.57		0.000000	153013	VV	0.0000	
50	15.90		0.000000	5049424	VV	0.0000	
51	16.36		0.000000	4262362	VV	0.0000	
52	16.65		0.000000	990457	VV	0.0000	
53	16.93		0.000000	2042506	VV	0.0000	
54	17.29		0.000000	1240193	VV	0.0000	
55	17.79		0.000000	584404	PV	0.0000	
56	18.04		0.000000	242414	VV	0.0000	
57	18.27		0.000000	131306	VV	0.0000	
58	18.60		0.000000	1254412	PV	0.0000	
59	18.95	18.90	0.000000	1461680	VV	.2648	gamma-BHC (Lindane)
60	19.08		0.000000	687852	VV	0.0000	
61	19.23		0.000000	1122755	VV	0.0000	
62	19.45	19.47	0.000000	1590263	VV	.5190	beta-BHC
63	19.83		0.000000	2345497	PV	0.0000	
64	19.97		0.000000	1296078	VV	0.0000	
65	20.23		0.000000	189074	VV	0.0000	
66	20.50		0.000000	1309631	VV	0.0000	
67	20.73		0.000000	14655	VV	0.0000	
68	20.88		0.000000	391116	PV	0.0000	
69	21.09		0.000000	472243	VV	0.0000	
70	21.43	21.44	0.000000	620224	PV	.1257	delta-BHC
71	21.65		0.000000	1024106	VV	0.0000	
72	22.03		0.000000	1131498	VV	0.0000	
73	22.31		0.000000	517745	VV	0.0000	
74	22.51		0.000000	1827259	VV	0.0000	
75	22.87		0.000000	968186	PV	0.0000	
76	23.04		0.000000	586513	VV	0.0000	
77	23.26		0.000000	538028	VV	0.0000	
78	23.46		0.000000	671699	VV	0.0000	
79	23.67		0.000000	618133	VV	0.0000	
80	23.83		0.000000	443711	VV	0.0000	
81	24.08		0.000000	950112	VV	0.0000	
82	24.43		0.000000	2273872	PV	0.0000	
83	24.80	24.81	0.000000	2472918	GV	.6098	Heptachlor epoxide
84	24.99		0.000000	633689	VV	0.0000	
85	25.13		0.000000	391641	VV	0.0000	
86	25.32		0.000000	1414258	VV	0.0000	
87	25.69		0.000000	1584302	GV	0.0000	
88	25.86		0.000000	751671	VV	0.0000	
89	26.04	26.00	0.000000	758397	GV	.2132	Endosulfan I
90	26.34		0.000000	1115942	GV	0.0000	
91	26.56		0.000000	638713	GV	0.0000	
92	26.72	26.69	0.000000	1227536	GV	.3257	4,4'-DDE
93	26.84		0.000000	1080502	GV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
94	27.42		0.000000	1717740	GV	0.0000	
95	29.93		0.000000	357083	PV	0.0000	
96	30.10		0.000000	141451	VV	0.0000	
97	30.40		0.000000	1669177	GV	0.0000	
98	30.68		0.000000	2046976	GV	0.0000	
99	31.03		0.000000	4536336	GV	0.0000	
100	31.77	31.74	0.000000	75851	PV	.0643	Methoxychlor
101	31.91		0.000000	259219	VV	0.0000	
102	32.21		0.000000	242023	VV	0.0000	
103	<u>32.53</u>		0.000000	1895814	FF	0.0000	
104	<u>32.78</u>		0.000000	4844408	FF	0.0000	
105	33.44		0.000000	120005	BT	0.0000	
106	33.61		0.000000	1003722	PT	0.0000	
107	34.63		0.000000	81560	VT	0.0000	
108	34.93		0.000000	626524	PT	0.0000	
109	35.37		0.000000	1605582	PT	0.0000	
110	35.96		0.000000	166408	BT	0.0000	
111	37.66		0.000000	215772	VT	0.0000	
112	38.81		0.000000	88536	BT	0.0000	
113	39.97	#39.91	0.000000	743020	PT	.1529	Decachlorobiphenyl
114	40.47		0.000000	212272	PT	0.0000	
115	40.98		0.000000	13344	PT	0.0000	
116	41.21		0.000000	53038	PT	0.0000	
117	44.37		0.000000	110908	PT	0.0000	

Total Area : 113828160 Total PPB : 2.275

Report Time : 1246 16Mar1993
Method : /DATA/LOOP/METHOD/A1213R.MTH
Result File : /DATA/LOOP/RESULT/A1213077.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36DL 118

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0148007DL

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: B5044036.D

% Moisture: 0 decanted: (Y/N) N

Date Received: 02/09/93

Extraction: (SepF/Cont/Sonc) ~~SONC~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 03/10/93

Injection Volume: 1.0(uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

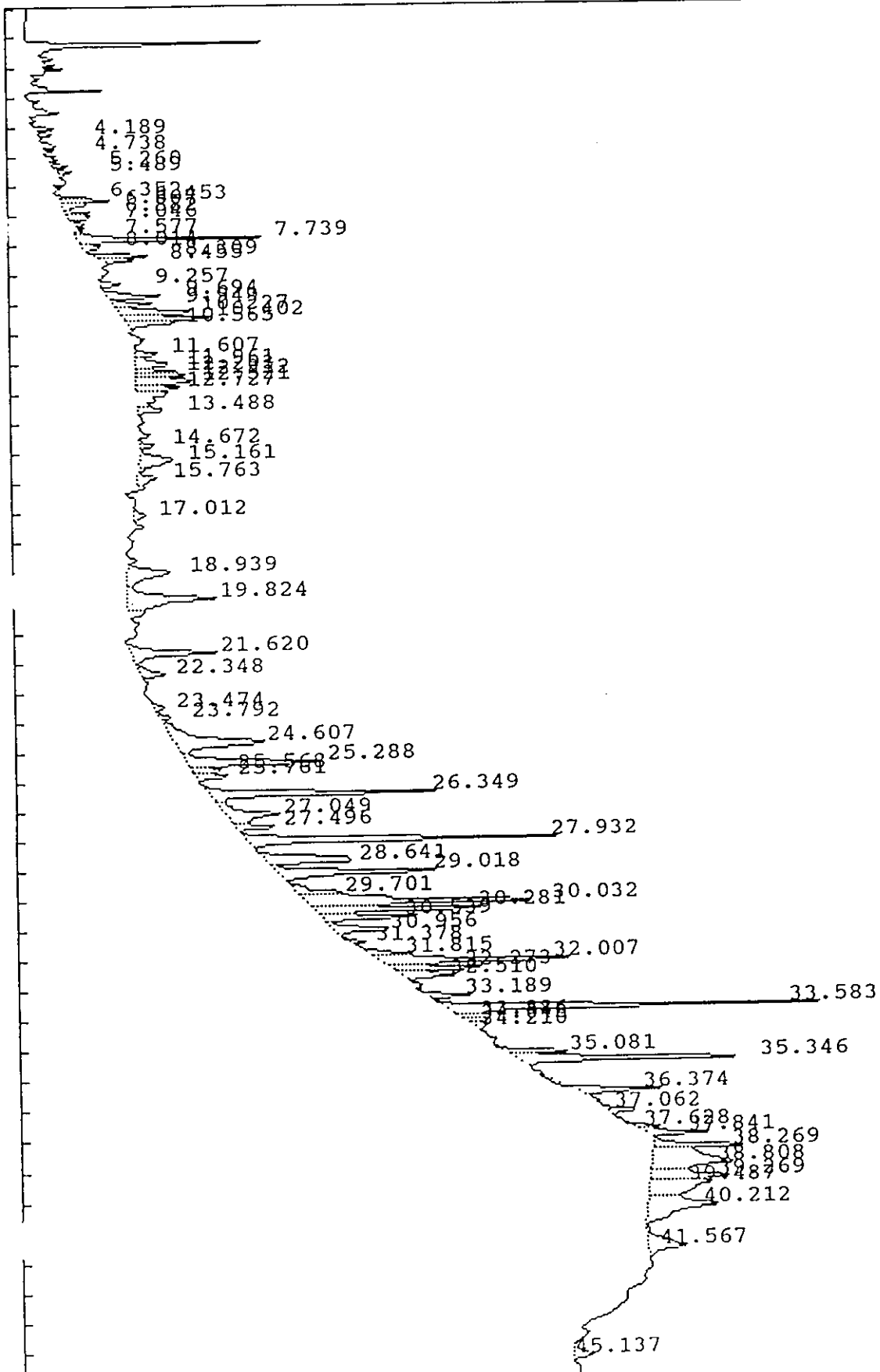
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	10000 9900	U
11104-28-2-----	Aroclor-1221	20000	U
11141-16-5-----	Aroclor-1232	10000 9900	U
53469-21-9-----	Aroclor-1242	↓ 9900	U
12672-29-6-----	Aroclor-1248	9900	U
11097-69-1-----	Aroclor-1254	↓ 9900	U
11096-82-5-----	Aroclor-1260	14000	PD

LM
3/17/93

IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 DF=10
 Result File : /DATA/LOOP/RESULT/B5044036.RES
 Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1017 10Mar1993
 INSTRUMENT: HP58905B
 Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 DF=10 Report No : 294.10
 Result File : /DATA/LOOP/RESULT/B5044036.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1017 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 36 Bottle no. : 36

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.19		.065810	5148	BV	0.0000	
2	4.74		.040499	2011	PV	0.0000	
3	5.26		.103358	6447	BV	0.0000	
4	5.49		.129412	6258	PV	0.0000	
5	6.35		.064492	7163	BV	0.0000	
6	6.45		.080616	19000	VV	0.0000	
7	6.61		.163965	14120	VV	0.0000	
8	6.88		.099746	9975	VV	0.0000	
9	7.05		.127017	11902	VV	0.0000	
10	7.58		.072783	5233	PV	0.0000	
11	7.74	7.76	.105872	77106	VV	.0623	Tetrachloro-m-xylene
12	8.01		.165023	10832	VV	0.0000	
13	8.31		.106010	24515	PV	0.0000	
14	8.46		.108098	14435	VV	0.0000	
15	9.26		.118691	8344	BV	0.0000	
16	9.69		.120043	31213	PV	0.0000	
17	9.95		.122955	18334	VV	0.0000	
18	10.23		.171695	45808	VV	0.0000	
19	10.40		.144627	46030	VV	0.0000	
20	10.57		.123801	22612	VV	0.0000	
21	11.61		.162623	12721	BV	0.0000	
22	11.96		.216948	26423	VV	0.0000	
23	12.20		.100759	14595	VV	0.0000	
24	12.31		.118574	21566	VV	0.0000	
25	12.52		.202837	39148	VV	0.0000	
26	12.73	12.72	.154433	23457	VV	.0256	gamma-BHC (Lindane)
27	13.49		.129394	13660	VV	0.0000	
28	14.67		.120727	7597	PB	0.0000	
29	15.16		.306749	34599	BV	0.0000	
30	15.76		.241641	16876	PV	0.0000	
31	17.01		.208393	9472	PV	0.0000	
32	18.94	18.97	.347531	51385	VV	.0702	delta-BHC
33	19.82		.301153	93401	VV	0.0000	
34	21.62		.220848	66240	PV	0.0000	
35	22.35		.221688	19458	VV	0.0000	
36	23.47		.182694	6784	BV	0.0000	
37	23.79	23.79	.146576	6307	VV	.0050	alpha-Chlordane
38	24.61		.366163	111244	VV	0.0000	
39	25.29		.195873	92005	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
0	25.57		.147830	16401	VV	0.0000	
41	25.76		.151765	18553	VV	0.0000	
42	26.35		.161333	131543	PV	0.0000	
43	27.05	27.00	.283656	57194	VV	.0672	Endrin
44	27.50		.142543	21726	VV	0.0000	
45	27.93		.150533	166358	PV	0.0000	
46	28.64		.240357	77859	PV	0.0000	
47	29.02		.170769	101626	VV	0.0000	
48	29.70		.169610	27467	VV	0.0000	
49	30.03		.183809	165075	VV	0.0000	
50	30.28		.136789	90023	VV	0.0000	
51	30.54		.140003	51206	VV	0.0000	
52	30.96		.174498	39393	VV	0.0000	
53	31.38		.189562	12794	PB	0.0000	
54	31.82		.168119	27182	BV	0.0000	
55	32.01		.149775	111287	VV	0.0000	
56	32.27		.143246	50547	VV	0.0000	
57	32.51	32.52	.166486	32979	VB	.0584	Endrin aldehyde
58	33.19		.129641	22063	BB	0.0000	
59	33.58		.135173	188055	BV	0.0000	
60	33.89	<i>A41260</i>	.130209	16309	VV	0.0000	
61	34.04		.135779	10990	VV	0.0000	
62	34.21	34.19	.173101	10112	VB	.0139	Endosulfan sulfate
63	35.08		.121407	30927	BV	0.0000	
64	35.35		.144578	132147	VB	0.0000	
65	36.37		.137011	45516	BB	0.0000	
5	37.06		.152027	18675	BB	0.0000	
7	37.63		.122046	12146	BV	0.0000	
68	37.84		.132906	32449	VB	0.0000	
69	38.27		.141194	51846	BV	0.0000	
70	38.81		.449227	130423	VV	0.0000	
71	39.27		.208499	61594	VV	0.0000	
72	39.49		.426978	90168	VV	0.0000	
73	40.21	#40.19	.404215	100015	VB	.0816	Decachlorobiphenyl
74	41.57		.372265	49577	BB	0.0000	
75	45.14		.212825	14176	PV	0.0000	

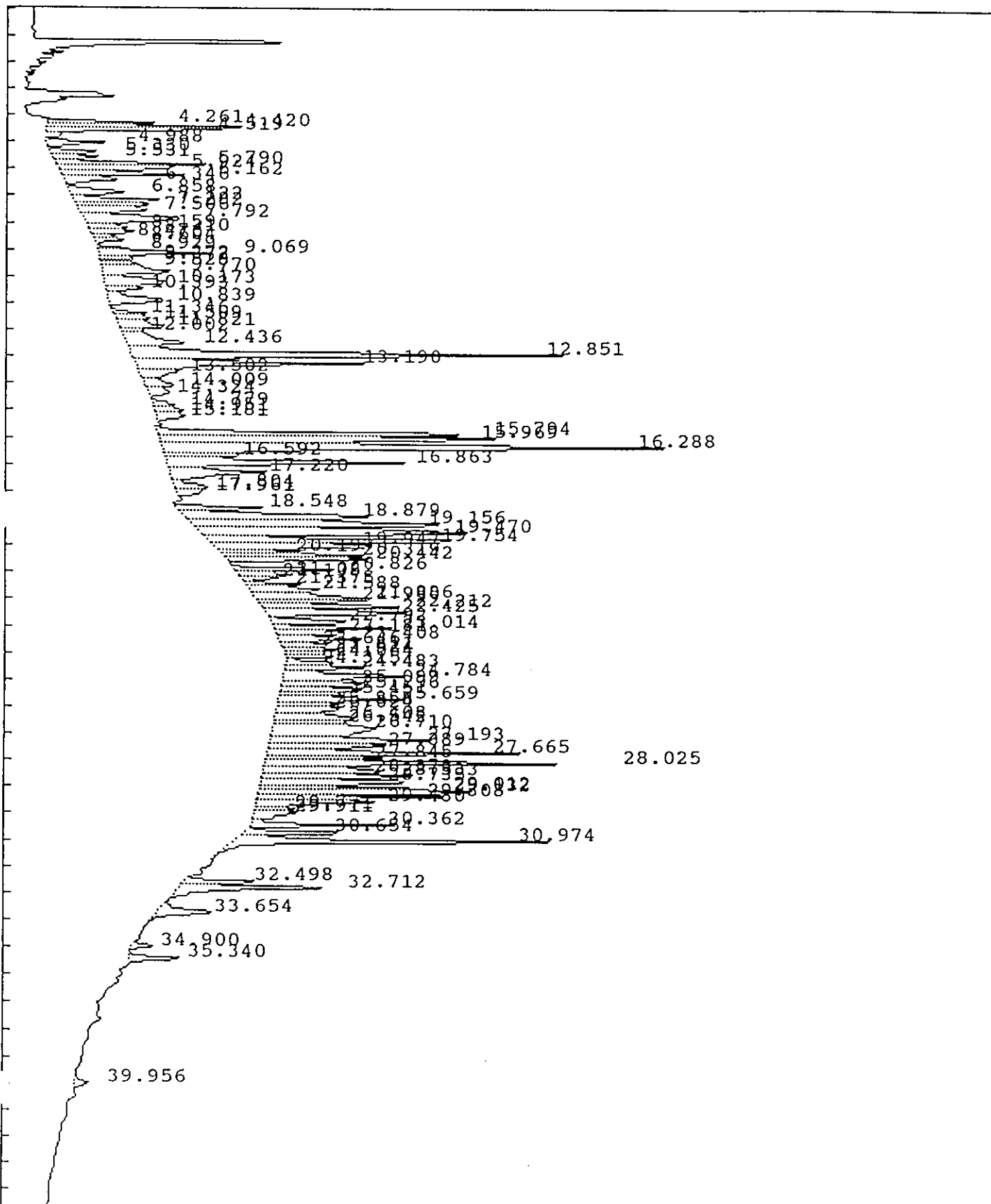
Total Area : 3269827 Total PPB : .384

Report Time : 1839 15Mar1993
Method : /DATA/LOOP/METHOD/B5044_036.MT
Result File : /DATA/LOOP/RESULT/B5044036.RES

0.00016

IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 DF=10 Inj on 1207 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213063.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007 MW-36 DF=10
 Result File : /DATA/LOOP/RESULT/A1213063.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1207 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 63 Bottle no. : 63

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.26		.123755	269666	PV	0.0000	
2	4.42		.093022	463684	VV	0.0000	
3	4.52		.084690	256101	VV	0.0000	
4	4.99		.137851	162863	PB	0.0000	
5	5.33		.137556	137920	BV	0.0000	
6	5.53		.118415	117230	VV	0.0000	
7	5.79		.145070	437559	VV	0.0000	
8	5.92		.143214	323823	VV	0.0000	
9	6.16		.116619	312489	VV	0.0000	
10	6.35		.129244	177498	VB	0.0000	
11	6.86		.205060	216472	BV	0.0000	
12	7.12		.131122	248366	VV	0.0000	
13	7.28		.155900	223818	VV	0.0000	
14	7.51		.175586	227682	VV	0.0000	
15	7.79		.257446	507252	VV	0.0000	
16	8.16		.166790	129544	VV	0.0000	
17	8.31		.144277	131085	VV	0.0000	
18	8.48		.096203	44575	VV	0.0000	
19	8.60		.131474	83191	VB	0.0000	
20	8.93		.088261	52093	BV	0.0000	
21	9.07		.136313	322890	VV	0.0000	
22	9.27		.108664	69805	VV	0.0000	
23	9.37		.101096	64520	VV	0.0000	
24	9.53		.126052	91424	VV	0.0000	
25	9.77		.222218	309131	VV	0.0000	
26	10.17		.273715	319094	VV	0.0000	
27	10.39		.159803	115628	VV	0.0000	
28	10.84		.274174	284213	VB	0.0000	
29	11.35		.144647	94955	BV	0.0000	
30	11.51		.148739	100400	VV	0.0000	
31	11.82		.243711	225720	VV	0.0000	
32	12.00		.083187	33843	VV	0.0000	
33	12.44	12.40	.299910	349964	VV	.0718	Tetrachloro-m-xylene
34	12.85		.173480	1475394	VV	0.0000	
35	13.19		.167167	768267	VV	0.0000	
36	13.50		.237338	185790	VV	0.0000	
37	14.01		.241223	138201	VV	0.0000	
38	14.32		.261131	105395	VB	0.0000	
39	14.78		.203474	85588	BV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	14.95		.152099		84789	VV	0.0000	
41	15.18		.209598		119341	VV	0.0000	
42	15.79		.141271		903503	BV	0.0000	
43	15.97		.179089		1185910	VV	0.0000	
44	16.29		.206623		2011285	VV	0.0000	
45	16.59		.144895		209520	VV	0.0000	
46	16.86		.166799		815232	VV	0.0000	
47	17.22		.222623		422505	VV	0.0000	
48	17.80		.237909		150287	VV	0.0000	
49	17.96		.174106		87800	VV	0.0000	
50	18.55		.126329		231321	BV	0.0000	
51	18.88	18.90	.214785		753136	VV	.1365	gamma-BHC (Lindane)
52	19.16		.201641		1045375	VV	0.0000	
53	19.47	19.47	.227923		1183236	VV	.3862	beta-BHC
54	19.75		.152547		817357	VV	0.0000	
55	19.95		.175095		557767	VV	0.0000	
56	20.20		.105353		166272	VV	0.0000	
57	20.32		.124740		341280	VV	0.0000	
58	20.44		.118610		340113	VB	0.0000	
59	20.83		.121537		255938	BV	0.0000	
60	21.02		.115991		116856	VV	0.0000	
61	21.14	21.16	.115329		94050	VV	.0224	Heptachler
62	21.37		.118345		132983	VV	0.0000	
63	21.59		.189666		258748	VV	0.0000	
64	21.89		.167094		372470	VV	0.0000	
65	21.99		.111358		250428	VV	0.0000	
66	22.21		.135027		401152	VV	0.0000	
67	22.42		.175196		476045	VB	0.0000	
68	22.79		.159420		247096	BV	0.0000	
69	23.01		.107304		266988	VV	0.0000	
70	23.18		.148169		216113	VV	0.0000	
71	23.41		.136770		238861	VV	0.0000	
72	23.65		.166367		149495	VV	0.0000	
73	23.81		.112502		120263	VV	0.0000	
74	23.92		.104207		87916	VV	0.0000	
75	24.06		.104250		109560	VB	0.0000	
76	24.32		.137246		134285	BV	0.0000	
77	24.48		.144923		226906	VV	0.0000	
78	24.78	24.81	.182778		487367	VV	.1202	Heptachler epoxide
79	25.10		.178378		296686	VV	0.0000	
80	25.30		.118789		223679	VV	0.0000	
81	25.45	25.47	.125273		148673	VV	.0349	gamma-Chlordane
82	25.66		.150657		392917	VV	0.0000	
83	25.86		.120827		137133	VV	0.0000	
84	26.02	26.00	.194199		254279	VV	.0715	Endosulfan I
85	26.41		.263660		391059	VV	0.0000	
86	26.54		.099285		137034	VV	0.0000	
87	26.71	26.69	.397160		773679	VV	.2053	4,4'-DDE
88	27.19		.173312		568682	VV	0.0000	
89	27.39		.146461		333845	VV	0.0000	
90	<u>27.67</u>		.133049		746879	VV	0.0000	
91	27.84	27.89	.117417		265835	VV	.0905	Endrin
92	28.03		.120293		857470	VV	0.0000	
93	28.37	28.40	.226458		514034	VV	.1588	Endosulfan II
94	28.53		.113929		394154	VV	0.0000	

Qus3/16

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	28.73		.171904	544012	VV	0.0000	
96	29.01	29.07	.117611	451725	VV	.1664	4,4'-DDT
97	29.13		.096726	525346	VV	0.0000	
98	29.31	29.24	.107698	424487	VV	.1353	Endrin aldehyde
99	29.48		.146493	379070	VV	0.0000	
100	29.77	29.73	.142289	112467	VV	.0386	Endosulfan sulfate
101	29.91	<i>An 126</i>	.198150	170163	VV	0.0000	<i>983/16</i>
102	30.36		.100330	306670	VB	0.0000	
103	30.65		.114648	260808	BV	0.0000	
104	30.97		.128156	910560	VB	0.0000	
105	32.50		.125433	190927	PV	0.0000	
106	32.71		.158201	504999	VB	0.0000	
107	33.65		.223205	222548	BB	0.0000	
108	34.90		.129479	54212	BB	0.0000	
109	35.34		.145445	155947	BB	0.0000	
110	39.96	#39.91	.211769	54341	BV	.0112	Decachlorobiphenyl

Total Area : 37437008 Total PPB : 1.650

Report Time : 2226 15Mar1993
Method : /DATA/LOOP/METHOD/A1213_063.MT
Result File : /DATA/LOOP/RESULT/A1213063.RES

6D
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

1105

Lab Name: IEA/CT Contract:
 Lab Code: IEACT Case No.: 0148 SAS No.: SDG No.: Z0148
 Instrument ID: HP58905B Level (x low): low 1.0 mid 4.0 high 16.0
 GC Column: DB-1701 ID: 0.53 (mm) Date(s) Analyzed: 03/09/93

COMPOUND	RT OF STANDARDS			MEAN RT	RT WINDOW	
	LOW	MID	HIGH		FROM	TO
alpha-BHC	11.07	11.07	11.07	11.07	11.02	11.12
beta-BHC	17.13	17.13	17.13	17.13	17.08	17.18
delta-BHC	18.97	18.96	18.97	18.97	18.92	19.02
gamma-BHC (Lindane)	12.72	12.71	12.72	12.72	12.67	12.77
Heptachlor	13.74	13.73	13.73	13.73	13.68	13.78
Aldrin	15.26	15.26	15.26	15.26	15.21	15.31
Heptachlor epoxide	20.32	20.32	20.32	20.32	20.25	20.39
Endosulfan_I	22.71	22.70	22.71	22.71	22.64	22.78
Dieldrin	25.64	25.64	25.64	25.64	25.57	25.71
4,4'-DDE	24.78	24.79	24.79	24.79	24.72	24.86
Endrin	27.00	26.99	27.00	27.00	26.93	27.07
Endosulfan_II	30.15	30.16	30.16	30.16	30.09	30.23
4,4'-DDD	30.11	30.11	30.11	30.11	30.04	30.18
Endosulfan_sulfate	34.19	34.19	34.19	34.19	34.12	34.26
4,4'-DDT	31.05	31.05	31.05	31.05	30.98	31.12
Methoxychlor	34.52	34.52	34.52	34.52	34.45	34.59
Endrin_ketone	36.13	36.14	36.14	36.14	36.07	36.21
Endrin_aldehyde	32.52	32.52	32.52	32.52	32.45	32.59
alpha-Chlordane	23.79	23.79	23.79	23.79	23.72	23.86
gamma-Chlordane	23.33	23.33	23.33	23.33	23.26	23.40
Tetrachloro-m-xylene	7.75	7.76	7.76	7.76	7.71	7.81
Decachlorobiphenyl	40.19	40.19	40.19	40.19	40.09	40.29

* Surrogate retention times are measured from Standard Mix A analyses.

Retention time windows are +/-0.05 minutes for all compounds that elute before Heptachlor epoxide, +/-0.07 minutes for all other compounds, except +/-0.10 minutes for Decachlorobiphenyl.

6E
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

1197

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Instrument ID: HP58905B Level (x low): low 1.0 mid 4.0 high 16.0

GC Column:DB-1701 ID: 0.53 (mm) Date(s) Analyzed: 03/09/93

COMPOUND	CALIBRATION FACTORS			MEAN	%RSD
	LOW	MID	HIGH		
alpha-BHC	7110000	8766750	12008425	9295058	26.8
beta-BHC	7188400	6715500	7262550	7055483	4.2
delta-BHC	6962000	7319150	9734088	8005079	18.8
gamma-BHC (Lindane)	7708000	9168000	11871812	9582604	22.0
Heptachlor	11852000	11452450	11013900	11439450	3.7
Aldrin	8828400	9185050	11722075	9911842	15.9
Heptachlor_epoxide	9783800	9379950	10039338	9734362	3.4
Endosulfan_I	8623000	8643300	8966388	8744229	2.2
Dieldrin	8220600	8946525	10567750	9244958	13.0
4,4'-DDE	8676500	9188850	11621981	9829110	16.0
Endrin	7668900	8511700	9752206	8644269	12.1
Endosulfan_II	8074800	8555275	9853825	8827967	10.4
4,4'-DDD	6902300	7436000	8434688	7590996	10.2
Endosulfan_sulfate	6785300	7294575	8760669	7613515	13.5
4,4'-DDT	7395100	7055025	7697075	7382400	4.4
Methoxychlor	3644460	3630430	3317422	3530771	5.2
Endrin_ketone	6839400	7621175	9147575	7869383	14.9
Endrin_aldehyde	5344300	5647075	5649669	5547015	3.2
alpha-Chlordane	12744000	12524950	13021862	12763604	2.0
gamma-Chlordane	12517600	11830900	11970875	12106458	3.0
Tetrachloro-m-xylene	18945200	12373300	11638038	14318846	28.1
Decachlorobiphenyl	12360400	12262175	11732144	12118240	2.8

* Surrogate factors are measured from Standard Mix A analyses.

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Instrument ID: HP58901A

Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-35

ID: 0.53 (mm)

Date(s) Analyzed: 03/11/93

COMPOUND	CALIBRATION FACTORS			MEAN	%RSD
	LOW	MID	HIGH		
alpha-BHC	50123600	56265350	62887788	56425579	11.3
beta-BHC	34692800	30641200	29776438	31703479	8.3
delta-BHC	45782000	49337050	54536950	49885333	8.8
gamma-BHC (Lindane)	50968600	55190900	59614162	55257888	7.8
Heptachlor	43072600	41934250	42722175	42576342	1.4
Aldrin	49251000	47207850	51450200	49303017	4.3
Heptachlor epoxide	39470800	40554750	42493088	40839546	3.7
Endosulfan_I	35134400	35572550	37738888	36148612	3.8
Dieldrin	36331300	38493775	35612606	36812560	4.1
4,4'-DDE	33305800	37694350	36841425	35947192	6.5
Endrin	28546200	29370025	29777475	29231233	2.1
Endosulfan_II	30341800	32361525	31522081	31408469	3.2
4,4'-DDD	25967900	27272525	29757294	27665906	7.0
Endosulfan_sulfate	26926600	29116325	29789056	28610660	5.2
4,4'-DDT	23053700	27152850	30504188	26903579	13.9
Methoxychlor	11989940	11793545	10085534	11289673	9.3
Endrin_ketone	35252600	37927075	38160331	37113335	4.4
Endrin_aldehyde	24777100	26199475	24660150	25212242	3.4
alpha-Chlordane	45600200	44823850	45195938	45206662	0.8
gamma-Chlordane	43452600	42578600	43447062	43159421	1.2
Tetrachloro-m-xylene	44872800	48719750	45209000	46267183	4.6
Decachlorobiphenyl	50920000	48593450	44181838	47898429	7.1

* Surrogate factors are measured from Standard Mix A analyses.

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6G
PESTICIDE ANALYTE RESOLUTION SUMMARY

1190

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

GC Column (1):DB-1701 ID: 0.53(mm) Instrument ID (1): HP58905B

EPA Sample No. (standard 1):RESCC6 Lab Sample ID (1): RESCC6

Date Analyzed (1): 03/09/93 Time Analyzed (1): 0057

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.76	100.0
02	Endosulfan I	22.72	100.0
03	gamma-Chlordane	23.34	100.0
04	4,4'-DDE	24.79	100.0
05	Dieldrin	25.64	100.0
06	Endosulfan sulfate	34.19	94.0
07	Methoxychlor	34.52	100.0
08	Endrin ketone	36.14	100.0
09	Decachlorobiphenyl	40.19	

GC Column (2):RTX-35 ID: 0.53(mm) Instrument ID (2): HP58901A

EPA Sample No. (standard 2):RESC17 Lab Sample ID (2): RESC17

Date Analyzed (2): 03/10/93 Time Analyzed (2): 1641

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	12.41	100.0
02	gamma-Chlordane	25.47	100.0
03	Endosulfan I	26.00	100.0
04	4,4'-DDE	26.69	86.0
05	Dieldrin	26.92	100.0
06	Endosulfan sulfate	29.73	100.0
07	Methoxychlor	31.73	100.0
08	Endrin ketone	32.29	100.0
09	Decachlorobiphenyl	39.91	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

1200

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Instrument ID: HP58905B

Date(s) Analyzed: 03/09/93

GC Column:DB-1701 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.50	*1	33.33	33.26	33.40	233970
		*2	33.80	33.73	33.87	393616
		*3	35.03	34.96	35.10	222710
		4				
		5				
Aroclor-1016	0.10	*1	9.94	9.87	10.01	397270
		*2	11.34	11.27	11.41	772750
		*3	13.33	13.26	13.40	1325940
		4				
		5				
Aroclor-1221	0.20	*1	9.14	9.07	9.21	150965
		*2	9.93	9.86	10.00	416395
		*3	11.34	11.27	11.41	74935
		4				
		5				
Aroclor-1232	0.10	*1	9.94	9.87	10.01	562390
		*2	11.34	11.27	11.41	406490
		*3	13.33	13.26	13.40	604990
		4				
		5				
Aroclor-1242	0.10	*1	9.93	9.86	10.00	309620
		*2	11.34	11.27	11.41	585370
		*3	13.33	13.26	13.40	1028360
		4				
		5				
Aroclor-1248	0.10	*1	11.34	11.27	11.41	314000
		*2	13.33	13.26	13.40	644290
		*3	16.71	16.64	16.78	693840
		4				
		5				
Aroclor-1254	0.10	*1	24.43	24.36	24.50	447120
		*2	25.22	25.15	25.29	879910
		*3	27.01	26.94	27.08	755880
		4				
		5				
Aroclor-1260	0.10	*1	31.99	31.92	32.06	868660
		*2	33.56	33.49	33.63	1291840
		*3	35.33	35.26	35.40	909540
		4				
		5				

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Instrument ID: HP58901A

Date(s) Analyzed: 03/10/93 03/11/93

GC Column: RTX-35

ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.50	*1	27.55	27.48	27.62	1475578
		*2	28.58	28.51	28.65	1228458
		*3	31.09	31.02	31.16	1724846
		4				
		5				
Aroclor-1016	0.10	*1	16.08	16.01	16.15	1016800
		*2	18.73	18.66	18.80	2751240
		*3	21.10	21.03	21.17	5023900
		4				
		5				
Aroclor-1221	0.20	*1	16.09	16.02	16.16	902785
		*2	18.74	18.67	18.81	368160
		*3	20.97	20.90	21.04	1144965
		4				
		5				
Aroclor-1232	0.10	*1	18.73	18.66	18.80	2341460
		*2	21.10	21.03	21.17	2600280
		*3	21.80	21.73	21.87	505640
		4				
		5				
Aroclor-1242	0.10	*1	18.73	18.66	18.80	2383510
		*2	21.10	21.03	21.17	4500280
		*3	21.81	21.74	21.88	942190
		4				
		5				
Aroclor-1248	0.10	*1	18.72	18.65	18.79	1564570
		*2	21.09	21.02	21.16	2532220
		*3	22.84	22.77	22.91	1526510
		4				
		5				
Aroclor-1254	0.10	*1	25.28	25.21	25.35	2077960
		*2	25.64	25.57	25.71	2723090
		*3	27.13	27.06	27.20	3845480
		4				
		5				
Aroclor-1260	0.10	*1	27.65	27.58	27.72	2779850
		*2	29.12	29.05	29.19	2202780
		*3	30.96	30.89	31.03	5655570
		4				
		5				

* Denotes required peaks

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Instrument ID: HP58901A

Date(s) Analyzed: 03/10/93 03/11/93

GC Column: RTX-35

ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	0.50	*1	27.55	27.48	27.62	1475578
		*2	28.58	28.51	28.65	1228458
		*3	31.09	31.02	31.16	1724846
		4				
		5				
Aroclor-1016	0.10	*1	16.08	16.01	16.15	1016800
		*2	18.73	18.66	18.80	2751240
		*3	21.10	21.03	21.17	5023900
		4				
		5				
Aroclor-1221	0.20	*1	16.09	16.02	16.16	902785
		*2	18.74	18.67	18.81	368160
		*3	20.97	20.90	21.04	1144965
		4				
		5				
Aroclor-1232	0.10	*1	18.73	18.66	18.80	2341460
		*2	21.10	21.03	21.17	2600280
		*3	21.80	21.73	21.87	505640
		4				
		5				
Aroclor-1242	0.10	*1	18.73	18.66	18.80	2383510
		*2	21.10	21.03	21.17	4500280
		*3	21.81	21.74	21.88	942190
		4				
		5				
Aroclor-1248	0.10	*1	18.72	18.65	18.79	1564570
		*2	21.09	21.02	21.16	2532220
		*3	22.84	22.77	22.91	1526510
		4				
		5				
Aroclor-1254	0.10	*1	25.28	25.21	25.35	2077960
		*2	25.64	25.57	25.71	2723090
		*3	27.13	27.06	27.20	3845480
		4				
		5				
Aroclor-1260	0.10	*1	32.47	32.40	32.54	1335370
		*2	32.69	32.62	32.76	3264150
		*3	35.31	35.24	35.38	1135730
		4				
		5				

* Denotes required peaks

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA/CT Contract:
 Lab Code: IEACT Case No.: 0148 SAS No.: SDG No.: Z0148
 GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 03/10/93 03/11/93

EPA Sample No. (PIBLK): PIBLK23 Date Analyzed : 03/12/93
 Lab Sample ID (PIBLK): PIBLK23 Time Analyzed : 0921
 EPA Sample No. (PEM): PEM53 Date Analyzed : 03/12/93
 Lab Sample ID (PEM): PEM53 Time Analyzed : 1026

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	16.52	16.46	16.56	0.0089	0.0100	11.0
beta-BHC	19.48	19.42	19.52	0.0099	0.0100	1.0
gamma-BHC (Lindane)	18.91	18.85	18.95	0.0087	0.0100	13.0
Endrin	27.90	27.82	27.96	0.047	0.050	6.0
4,4'-DDT	29.08	29.00	29.14	0.092	0.10	8.0
Methoxychlor	31.74	31.67	31.81	0.22	0.25	12.0

4,4'-DDT % breakdown (1): 7.0 Endrin % breakdown (1): 5.4
 Combined % breakdown (1): 12.4

QC LIMITS

RPD of amounts in PEM must be less than or equal to 25.0%
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 20.0%
 Combined breakdown must be less than or equal to 30.0%

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

1211

Lab Name: IEA/CT Contract:
 Lab Code: IEACT Case No.: 0148 SAS No.: SDG No.: Z0148
 GC Column:DB-1701 ID: 0.53 (mm) Init. Calib. Date(s): 03/09/93
 EPA Sample No.(PIBLK): PIBLMK7 Date Analyzed : 03/10/93
 Lab Sample ID (PIBLK): PIBLMK7 Time Analyzed : 0445
 EPA Sample No.(INDA): INDAMH2 Date Analyzed : 03/10/93
 Lab Sample ID (INDA): INDAMH2 Time Analyzed : 0538

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
alpha-BHC	11.10	11.02	11.12	0.021	0.020	5.0
gamma-BHC (Lindane)	12.75	12.67	12.77	0.021	0.020	5.0
Heptachlor	13.77	13.68	13.78	0.021	0.020	5.0
Endosulfan I	22.76	22.64	22.78	0.020	0.020	0.0
Dieldrin	25.68	25.57	25.71	0.041	0.040	2.5
Endrin	27.04	26.93	27.07	0.038	0.040	5.0
4,4'-DDD	30.14	30.04	30.18	0.042	0.040	5.0
4,4'-DDT	31.08	30.98	31.12	0.033	0.040	17.5
Methoxychlor	34.55	34.45	34.59	0.220	0.200	10.0
Tetrachloro-m-xylene	7.78	7.71	7.81	0.022	0.020	10.0
Decachlorobiphenyl	40.22	40.09	40.29	0.038	0.040	5.0

EPA Sample No.(INDB): INDBMH2 Date Analyzed : 03/10/93
 Lab Sample ID (INDB): INDBMH2 Time Analyzed : 0632

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
		FROM	TO			
beta-BHC	17.17	17.08	17.18	0.020	0.020	0.0
delta-BHC	19.01	18.92	19.02	0.021	0.020	5.0
Aldrin	15.29	15.21	15.31	0.020	0.020	0.0
Heptachlor epoxide	20.37	20.25	20.39	0.020	0.020	0.0
4,4'-DDE	24.83	24.72	24.86	0.040	0.040	0.0
Endosulfan II	30.19	30.09	30.23	0.038	0.040	5.0
Endosulfan sulfate	34.22	34.12	34.26	0.037	0.040	7.5
Endrin ketone	36.16	36.07	36.21	0.037	0.040	7.5
Endrin aldehyde	32.55	32.45	32.59	0.035	0.040	12.5
alpha-Chlordane	23.84	23.72	23.86	0.019	0.020	5.0
gamma-Chlordane	23.38	23.26	23.40	0.020	0.020	0.0
Tetrachloro-m-xylene	7.78	7.71	7.81	0.021	0.020	5.0
Decachlorobiphenyl	40.22	40.09	40.29	0.037	0.040	7.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%.

8D
PESTICIDE ANALYTICAL SEQUENCE

1213

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

GC Column: RTX-35

ID: 0.53 (mm) Init. Calib. Date(s): 03/10/93 03/11/93

Instrument ID: HP58901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
			TCX: 12.40		DCB: 39.90	
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #	
01	RESC17	RESC17	03/10/93	1641	12.41	39.91
02	PEM47	PEM47	03/10/93	1743	12.42	39.91
03	AR166057	AR166057	03/10/93	1836	12.40	39.91
04	AR122131	AR122131	03/10/93	1935	12.41	39.93
05	AR123231	AR123231	03/10/93	2029	12.40	39.91
06	AR124257	AR124257	03/10/93	2123	12.41	39.92
07	AR124857	AR124857	03/10/93	2217	12.40	39.92
08	AR125457	AR125457	03/10/93	2311	12.40	39.92
09	TOXAPH31	TOXAPH31	03/11/93	0005	12.40	39.91
10	INDAL23	INDAL23	03/11/93	0059	12.40	39.90
11	INDBL23	INDBL23	03/11/93	0152	12.40	39.91
12	INDAM01	INDAM01	03/11/93	0246	12.40	39.91
13	INDBM01	INDBM01	03/11/93	0340	12.40	39.90
14	INDAH23	INDAH23	03/11/93	0434	12.40	39.90
15	INDBH23	INDBH23	03/11/93	0528	12.40	39.91
16	PIBLK15	PIBLK15	03/11/93	0622	12.40	39.90
17	PEM49	PEM49	03/11/93	0716	12.40	39.90
18	PIBLK23	PIBLK23	03/12/93	0921	12.40	39.91
19	PEM53	PEM53	03/12/93	1026	12.42	39.93
20	MHS3DL	0148005DL	03/12/93	1121	0.00*	0.00*
21	MHS3	0148005	03/12/93	1221	0.00*	0.00*
22	ZZZZZ	0148022	03/12/93	1422		
23	ZZZZZ	0148025	03/12/93	1515		
24	ZZZZZ	0148025	03/12/93	1609		
25	ZZZZZ	HEXANE	03/12/93	1702		
26	ZZZZZ	0148026	03/12/93	1755		
27	ZZZZZ	0148026	03/12/93	1849		
28	ZZZZZ	HEXANE	03/12/93	1958		
29	PIBLK25	PIBLK25	03/12/93	2146	12.42	39.92
30	INDAM07	INDAM07	03/12/93	2240	12.41	39.92
31	INDBM07	INDBM07	03/13/93	0122	12.44	39.97
32	ZZZZZ	0148007	03/13/93	0215		

QC LIMITS:

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

1217

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

GC Column: RTX-35

ID: 0.53 (mm) Init. Calib. Date(s): 03/10/93 03/11/93

Instrument ID: HP58901A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TCX: 12.40			DCB: 39.90			
EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #	
01	ZZZZZ	0148026	03/13/93	0309		
02	MW36MSB	0148007MSB	03/13/93	0403	12.44	39.97
03	MW36STD	0148007STD	03/13/93	0457	12.43	39.96
04	PBLK02	0211-B01	03/13/93	0550	12.44	39.96
05	PBLK05	0211-B05	03/13/93	0644	12.43	39.96
06	ZZZZZ	0211-B03	03/13/93	0738		
07	PIBLK27	PIBLK27	03/13/93	0926	12.43	39.97
08	PEM55	PEM55	03/13/93	1113	12.43	39.97
09	MW36DL	0148007DL	03/13/93	1207	12.44	39.96
10	ZZZZZ	0148007MS	03/13/93	1301		
11	ZZZZZ	0148007MSD	03/13/93	1355		
12	ZZZZZ	0148026	03/13/93	1448		
13	AR166059	AR166059	03/13/93	1542	12.43	39.99
14	AR124259	AR124259	03/13/93	1636	12.43	39.98
15	AR124859	AR124859	03/13/93	1730	12.43	39.99
16	AR125459	AR125459	03/13/93	1824	12.44	39.99
17	PIBLK29	PIBLK29	03/13/93	2012	12.43	39.99
18	INDAM09	INDAM09	03/13/93	2106	12.43	39.99
19	INDBM09	INDBM09	03/13/93	2348	12.44	40.00
20	MW36	0148007	03/14/93	0041	0.00*	39.97
21	MW36MS	0148007MS	03/14/93	0135	0.00*	39.99
22	MW36MSD	0148007MSD	03/14/93	0229	0.00*	39.99
23	ZZZZZ	HEXANE	03/14/93	0323		
24	ZZZZZ	HEXANE	03/14/93	0417		
25	ZZZZZ	HEXANE	03/14/93	0511		
26	PIBLK31	PIBLK31	03/14/93	0659	12.43	39.98
27	PEM57	PEM57	03/14/93	0846	12.43	39.98
28						
29						
30						
31						
32						

QC LIMITS:

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

1218

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Florisil Cartridge Lot Number: FLOF12501 Date of Analysis: 06/18/92

GC Column(1): DB-1701 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
alpha-BHC	10	9.3	93	80-120
gamma-BHC (Lindane)	10	8.3	83	80-120
Heptachlor	10	9.2	92	80-120
Endosulfan I	10	9.6	96	80-120
Dieldrin	20	20	100	80-120
Endrin	20	19	95	80-120
4,4'-DDD	20	19	95	80-120
4,4'-DDT	20	18	90	80-120
Methoxychlor	100	90	90	80-120
Tetrachloro-m-xylene	10	9.3	93	80-120
Decachlorobiphenyl	20	20	100	80-120

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK02	0211-B01	03/09/93	03/13/93
02	MHS3DL	0148005DL	03/09/93	03/12/93
03	MHS3	0148005	03/09/93	03/12/93
04				
05				
06				
07				
08				
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11				
12				
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16				
17				
18				
19				
20				
21				
22				
23				

9B
PESTICIDE GPC CALIBRATION

1219

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

GPC Column: SX-3

Calibration Date: 02/13/93

GC Column(1): DB-1701

ID: 0.53 (mm)

GC Column(2): RTX-35

ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC #	QC LIMITS
gamma-BHC (Lindane)	0.020	0.017	85	80-110
Heptachlor	0.020	0.017	85	80-110
Aldrin	0.020	0.017	85	80-110
Dieldrin	0.040	0.035	88	80-110
Endrin	0.040	0.035	88	80-110
4,4'-DDT	0.040	0.035	88	80-110

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits.

THIS GPC CALIBRATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK02	0211-B01	03/09/93	03/13/93
02	MHS3DL	0148005DL	03/09/93	03/12/93
03	MHS3	0148005	03/09/93	03/12/93
04				
05				
06				
07				
08				
09				
10				
11				
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24				
25				
26				

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

MHS3	1221
------	------

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148005

Date(s) Analyzed: 03/09/93 03/12/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1242 COLUMN 1	1	9.94	9.86	10.00	1800.00	3000.00	
	2	11.35	11.27	11.41	2900.00		
	3	13.34	13.26	13.40	4300.00		
	4						
	5						
COLUMN 2	1	18.75	18.66	18.80	4600.00	4100.00	36.7
	2	21.11	21.03	21.17	4500.00		
	3	21.81	21.74	21.88	3200.00		
	4						
	5						
Aroclor-1254 COLUMN 1	1	24.46	24.36	24.50	26000.00	38000.00	
	2	25.25	25.15	25.29	36000.00		
	3	27.02	26.94	27.08	54000.00		
	4						
	5						
COLUMN 2	1	25.28	25.21	25.35	22000.00	29000.00	31.0
	2	25.65	25.57	25.71	30000.00		
	3	27.13	27.06	27.20	36000.00		
	4						
	5						
Aroclor-1260 COLUMN 1	1	31.99	31.92	32.06	22000.00	22000.00	
	2	33.58	33.49	33.63	23000.00		
	3	35.34	35.26	35.40	22000.00		
	4						
	5						
COLUMN 2	1	27.60	27.58	27.72	76000.00	52000.00	136.4
	2	29.12	29.05	29.19	57000.00		
	3	30.96	30.89	31.03	24000.00		
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO. 1223
MW36STD

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148007STD

Date(s) Analyzed: 03/09/93 03/13/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1242 COLUMN 1	1	9.95	9.86	10.00	12000.00	12000.00	
	2	11.35	11.27	11.41	12000.00		
	3	13.34	13.26	13.40	13000.00		
	4						
	5						
COLUMN 2	1	18.76	18.66	18.80	9800.00	13000.00	8.3
	2	21.13	21.03	21.17	8500.00		
	3	21.83	21.74	21.88	20000.00		
	4						
	5						
Aroclor-1260 COLUMN 1	1	32.00	31.92	32.06	9400.00	12000.00	
	2	33.58	33.49	33.63	13000.00		
	3	35.34	35.26	35.40	13000.00		
	4						
	5						
COLUMN 2	1	27.67	27.58	27.72	12000.00	12000.00	0.0
	2	29.13	29.05	29.19	13000.00		
	3	30.98	30.89	31.03	10000.00		
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO. 1224

MW36DL

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148007DL

Date(s) Analyzed: 03/10/93 03/13/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1260	1	32.01	31.92	32.06	13000.00	14000.00	
	2	33.58	33.49	33.63	14000.00		
	3	35.35	35.26	35.40	14000.00		
	4						
	5						
COLUMN 1	1					22000.00	57.1
	2						
	3						
	4						
	5						
COLUMN 2	1	27.67	27.58	27.72	27000.00	22000.00	57.1
	2	29.13	29.05	29.19	24000.00		
	3	30.97	30.89	31.03	16000.00		
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

MW36	1225
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Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148007

Date(s) Analyzed: 03/10/93 03/14/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1260	1	32.03	31.92	32.06	14000.00	15000.00	
	2	33.61	33.49	33.63	16000.00		
	3	35.36	35.26	35.40	16000.00		
	4						
	5						
COLUMN 1	1	32.53	32.40	32.54	14000.00	14000.00	7.1
	2	32.78	32.62	32.76	15000.00		
	3	35.37	35.24	35.38	14000.00		
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

MW36MS	1200
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Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148007MS

Date(s) Analyzed: 03/10/93 03/14/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1260	1	32.04	31.92	32.06	14000.00	16000.00	
	2	33.61	33.49	33.63	16000.00		
	3	35.37	35.26	35.40	17000.00		
	4						
	5						
COLUMN 1	1					15000.00	
	2						
	3						
	4						
	5						
COLUMN 2	1	32.53	32.40	32.54	15000.00	15000.00	6.7
	2	32.76	32.62	32.76	12000.00		
	3	35.38	35.24	35.38	19000.00		
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

MW36MSD	1227
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Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Lab Sample ID: 0148007MSD

Date(s) Analyzed: 03/10/93 03/14/93

Instrument ID (1): HP58905B

Instrument ID (2): HP58901A

GC Column(1):DB-1701

ID: 0.53 (mm)

GC Column(2):RTX-35

ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
Aroclor-1260	1	32.04	31.92	32.06	13000.00	16000.00	
	2	33.62	33.49	33.63	17000.00		
	3	35.38	35.26	35.40	18000.00		
	4						
	5						
COLUMN 1	1	32.53	32.40	32.54	14000.00	15000.00	6.7
	2	32.79	32.62	32.76	11000.00		
	3	35.38	35.24	35.38	19000.00		
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes



an environmental testing company

200 Monroe Turnpike
Monroe, Connecticut 06468
(203) 261-4458
FAX (203) 268-5346

1228

STANDARD CONCENTRATIONS (ng)

	<u>Low</u>	<u>Mid</u>	<u>High</u>
alpha-BHC	0.005	0.020	0.080
gamma-BHC	0.005	0.020	0.080
Heptachlor	0.005	0.020	0.080
Endosulfan I	0.005	0.020	0.080
Dieldrin	0.010	0.040	0.16
Endrin	0.010	0.040	0.16
4,4'DDD	0.010	0.040	0.16
4,4'DDT	0.010	0.040	0.16
Methoxychlor	0.050	0.2	0.80
Tetrachloro-m-Xylene	0.005	0.020	0.080
Decachlorobiphenyl	0.010	0.040	0.16
beta-BHC	0.005	0.020	0.080
delta-BHC	0.005	0.020	0.080
Aldrin	0.005	0.020	0.080
Heptachlor Epoxide	0.005	0.020	0.080
4,4'DDE	0.010	0.040	0.16
Endosulfan II	0.010	0.040	0.16
Endosulfan Sulfate	0.010	0.040	0.16
Endrin Ketone	0.010	0.040	0.16
Endrin Aldehyde	0.010	0.040	0.16
alpha-Chlordane	0.005	0.020	0.080
gamma-Chlordane	0.005	0.020	0.080
Tetrachloro-m-Xylene	0.005	0.020	0.080
Decachlorobiphenyl	0.010	0.040	0.16

Miramar,
Florida
305-989-0928

Schaumburg,
Illinois
708-705-0740

N. Billerica,
Massachusetts
617-272-5212

Whippany,
New Jersey
201-428-8181

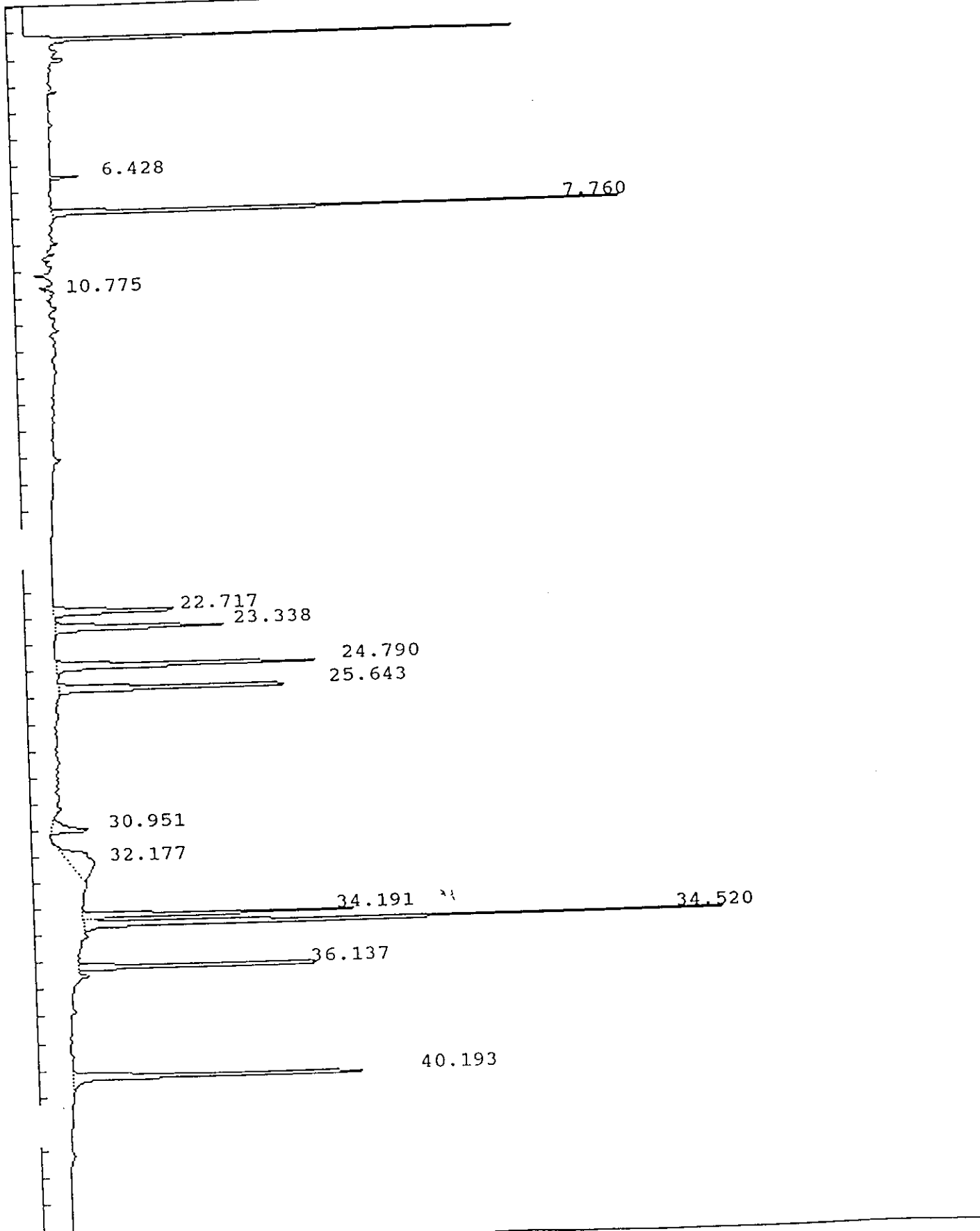
Cary,
North Carolina
919-677-0090

Essex Junction,
Vermont
802-878-5138

IEA Pesticide Standard Report

Sample Name : RES/C6
Result File : /DATA/LOOP/RESULT/B5044002.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0057 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : RESCC6
 Result File : /DATA/LOOP/RESULT/B5044002.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0057 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 2 Bottle no. : 2

Report No : 258.02

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062738	10525	BB	0.0000	
2	7.76	7.76	.071581	235454	BB	.1903	Tetrachloro-m-xylene
3	10.78		.203004	6252	BV	0.0000	
4	22.72	22.71	.175279	93013	BB	.1076	Endosulfan I
5	23.34	23.34	.171008	117793	BB	.0996	gamma-Chlordane
6	24.79	24.79	.156113	174255	BB	.1896	4,4'-DDE
7	25.64	25.64	.146777	154527	BB	.1727	Dieldrin
8	30.95		.218296	34946	BB	0.0000	
9	32.18		.863889	89718	BB	0.0000	
10	34.19	34.19	.114120	136345	BV	.1869	Endosulfan sulfate
11	34.52	34.52	.116882	324007	VV	.8925	Methoxychlor
12	36.14	36.14	.108978	138073	PV	.1812	Endrin ketone
13	40.19	#40.19	.144620	196731	BB	.1604	Decachlorobiphenyl

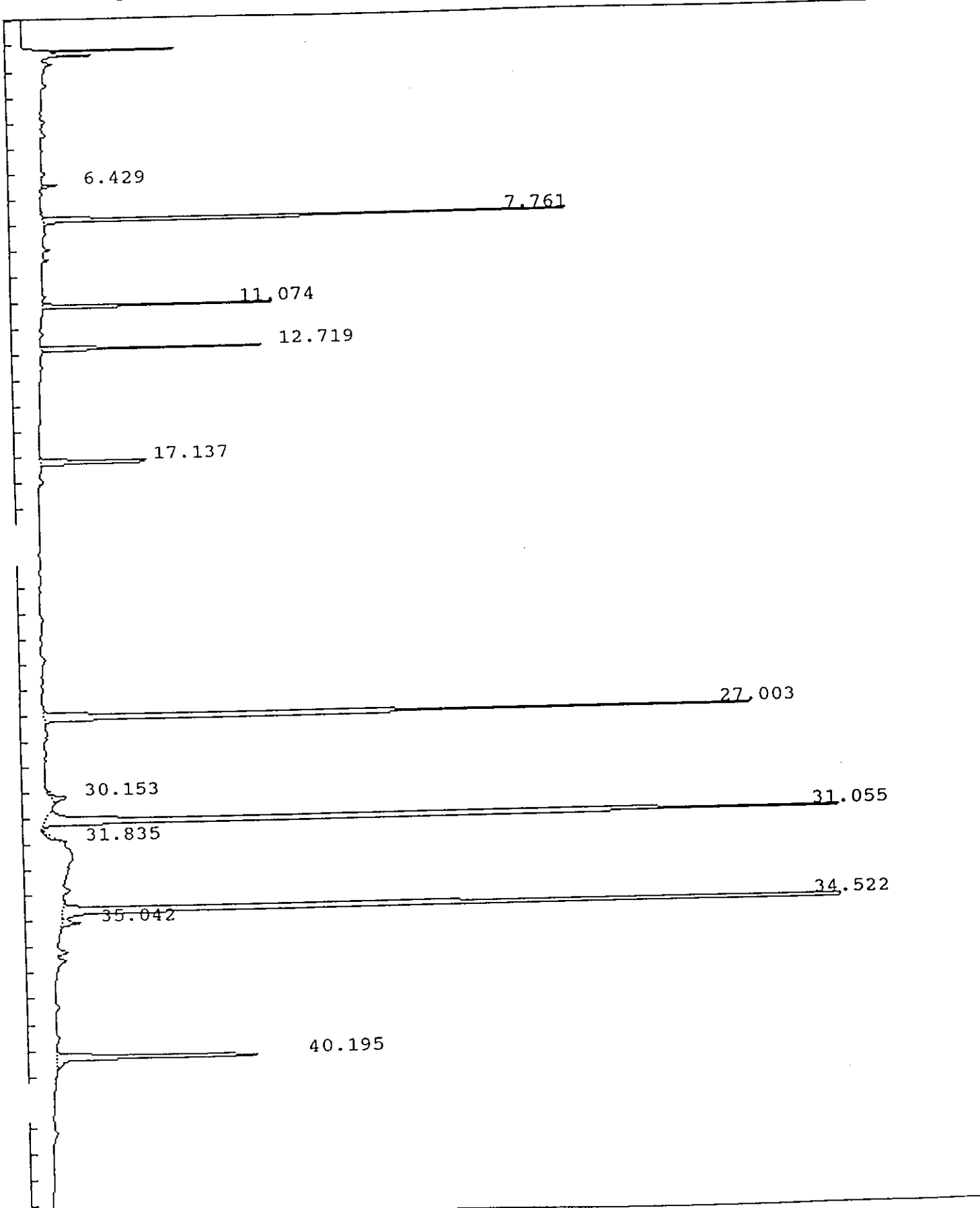
Total Area : 1711640 Total PPB : 2.181

Report Time : 1204 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044002.RES

IEA Pesticide Standard Report

Sample Name : PEML1
Result File : /DATA/LOOP/RESULT/B5044003.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

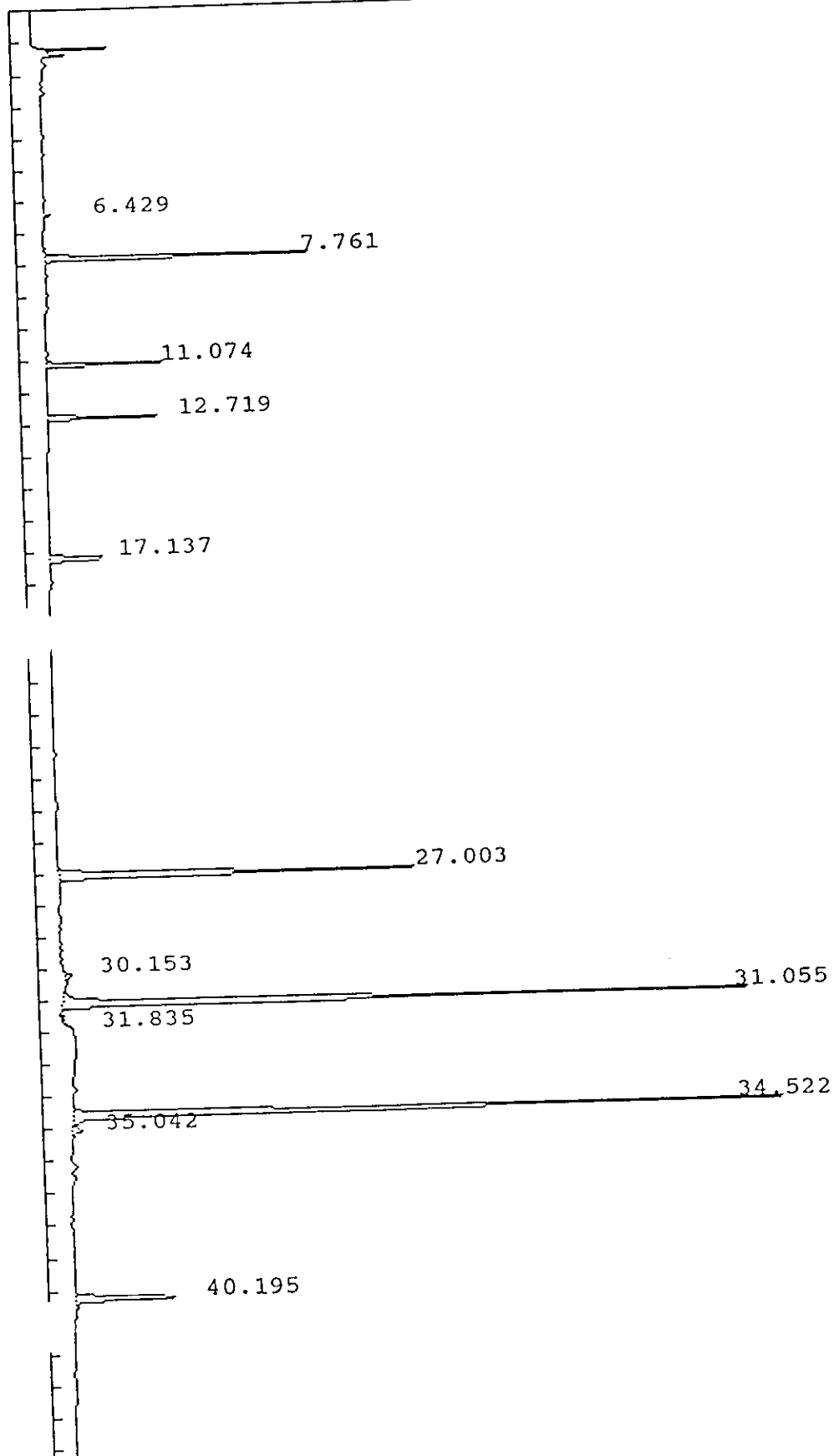
Inj on 0151 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEML1
Result File : /DATA/LOOP/RESULT/B5044003.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0151 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEML1
 Result File : /DATA/LOOP/RESULT/B5044003.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0151 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 3 Bottle no. : 3

Report No : 259.02

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.060956	6415	BB	0.0000	
2	7.76	7.76	.070392	225376	BB	.1821	Tetrachloro-m-xylene
3	11.07	11.07	.064674	84361	BB	.0962	alpha-BHC
4	12.72	12.72	.080750	85599	BB	.0934	gamma-BHC (Lindane)
5	17.14	17.13	.131511	69798	BB	.1039	beta-BHC
6	27.00	27.00	.133325	400344	BB	.4703	Endrin
7	30.15	30.16	.176211	12005	BB	.0140	Endosulfan-II
8	31.05	31.05	.121371	719872	BV	1.0204	4,4'-DDT ^{DD}
9	31.83		.065364	2499	PV	0.0000	
10	34.52	34.52	.118615	745602	BV	2.0538	Methoxychlor
11	35.04		.130239	10838	VB	0.0000	
12	40.19	#40.19	.138560	134111	BB	.1094	Decachlorobiphenyl

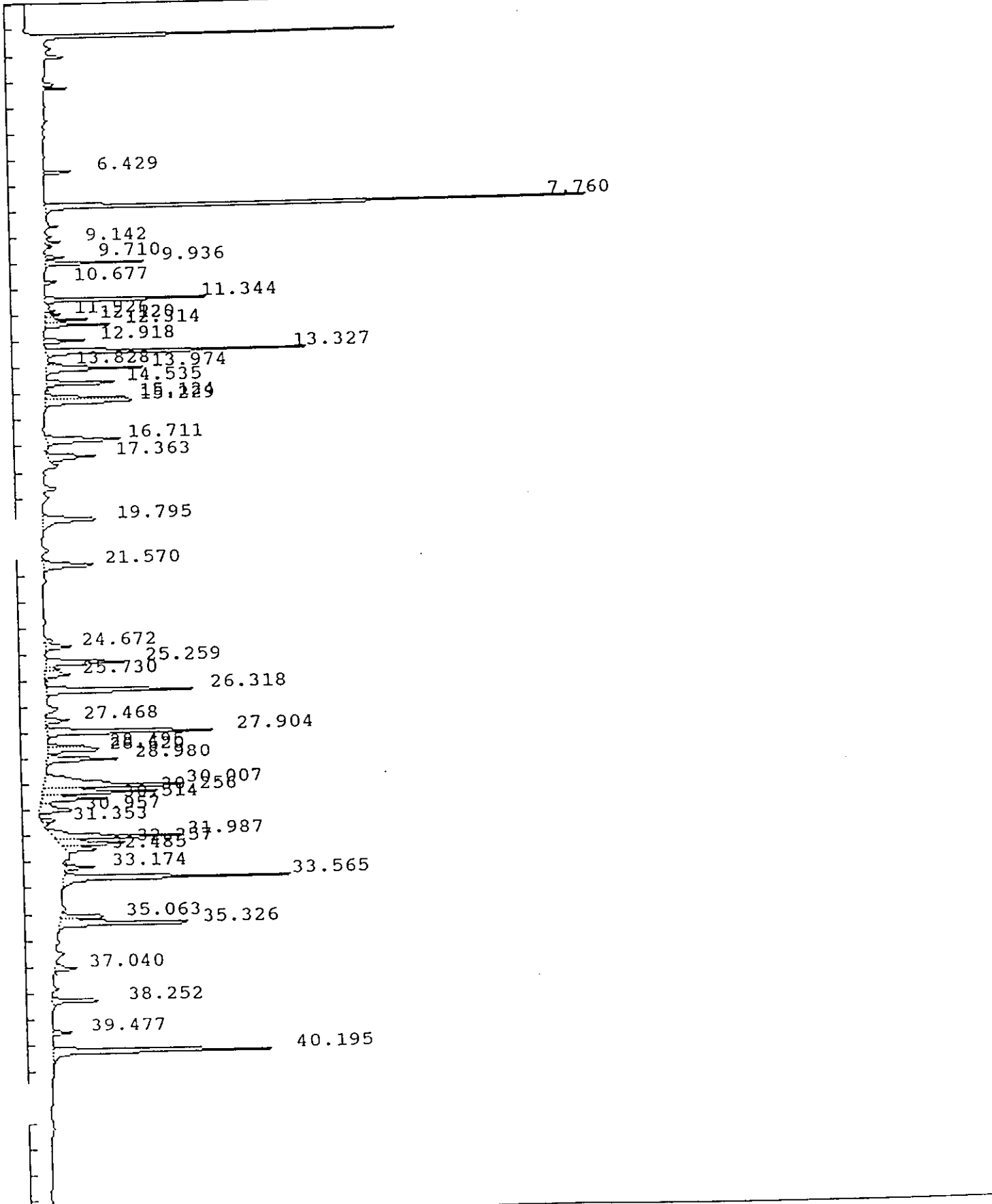
Total Area : 2496820 Total PPB : 4.144

Report Time : 1206 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044003.RES

IEA Pesticide Standard Report

Sample Name : AR1660D5
Result File : /DATA/LOOP/RESULT/B5044004.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

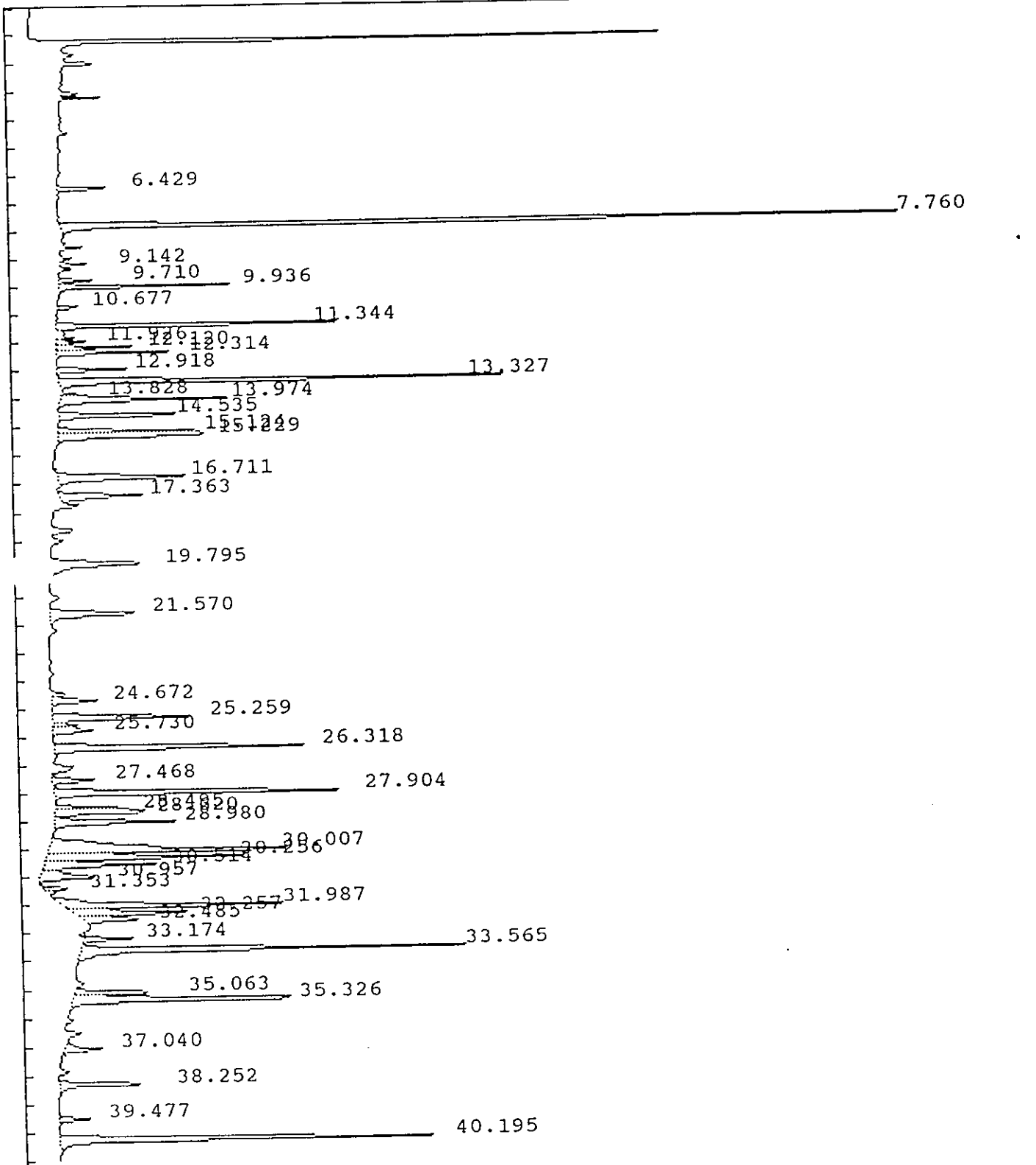
Inj on 0245 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1660D5
Result File : /DATA/LOOP/RESULT/B5044004.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 0245 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1660D5 Report No : 260.01
 Result File : /DATA/LOOP/RESULT/B5044004.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.48 Mins. Injected on 0245 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 4 Bottle no. : 4

% Dil-Fact
100.00

Run Status : RunStatusOK

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.065122	12375	BB	0.0000	
2	7.76	7.76	.074831	252000	BB	.2037	Tetrachloro-m-xylene
3	9.14		.079209	5961	BV	0.0000	
4	9.71		.075406	8045	BV	0.0000	
5	<u>9.94</u>		.079166	39727	PB	0.0000	
6	10.68		.074462	5376	BB	0.0000	
7	<u>11.34</u>		.085505	77275	BV	0.0000	
8	11.93		.091021	7141	VV	0.0000	
9	12.12		.088521	18097	VV	0.0000	
10	12.31		.092655	28166	VB	0.0000	
11	12.92		.105385	19105	BB	0.0000	
12	<u>13.33</u>		.111571	132594	BB	0.0000	
13	13.83		.087446	5678	BV	0.0000	
14	13.97		.122413	52599	VB	0.0000	
15	14.54		.113256	38907	BB	0.0000	
16	15.12		.116569	40609	BV	0.0000	
17	15.23	15.26	.159337	55977	VB	.0609	Aldrin
18	16.71		.175028	55645	BB	0.0000	
19	17.36		.162517	34065	BV	0.0000	
20	19.80		.217476	50016	BB	0.0000	
21	21.57		.193351	41713	BB	0.0000	
22	24.67		.153312	17530	VB	0.0000	
23	25.26		.161199	55072	BV	0.0000	
24	25.73		.150608	15307	VB	0.0000	
25	26.32		.146509	92305	BB	0.0000	
26	27.47		.134853	14310	PV	0.0000	
27	27.90		.141616	105103	PB	0.0000	
28	28.50		.111495	20017	BV	0.0000	
29	28.62		.135651	32919	VV	0.0000	
30	28.98		.144912	44104	VB	0.0000	
31	30.01		.206164	133526	BV	0.0000	
32	30.26		.134491	67392	VV	0.0000	
33	30.51		.145689	41078	VV	0.0000	
34	30.96		.203182	28331	VV	0.0000	
35	31.35		.114741	8216	PV	0.0000	
36	<u>31.99</u>		.151969	86866	PV	0.0000	
37	32.26		.142098	42863	VV	0.0000	
38	32.48	32.52	.140322	21256	VB	.0376	Endrin aldehyde
39	33.17		.099348	12418	BV	0.0000	
40	<u>33.56</u>		.131994	129184	VB	0.0000	

IEA Pesticide Standard Report							Name
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	
41	35.06		.111849	24827	BV	0.0000	
42	<u>35.33</u>		.139294	<u>90954</u>	VB	0.0000	
43	37.04		.120781	12444	BB	0.0000	
44	38.25		.118287	29078	BB	0.0000	
45	39.48		.120781	9496	BB	0.0000	
46	40.19	#40.19	.139404	134698	BB	.1098	Decachlorobiphenyl

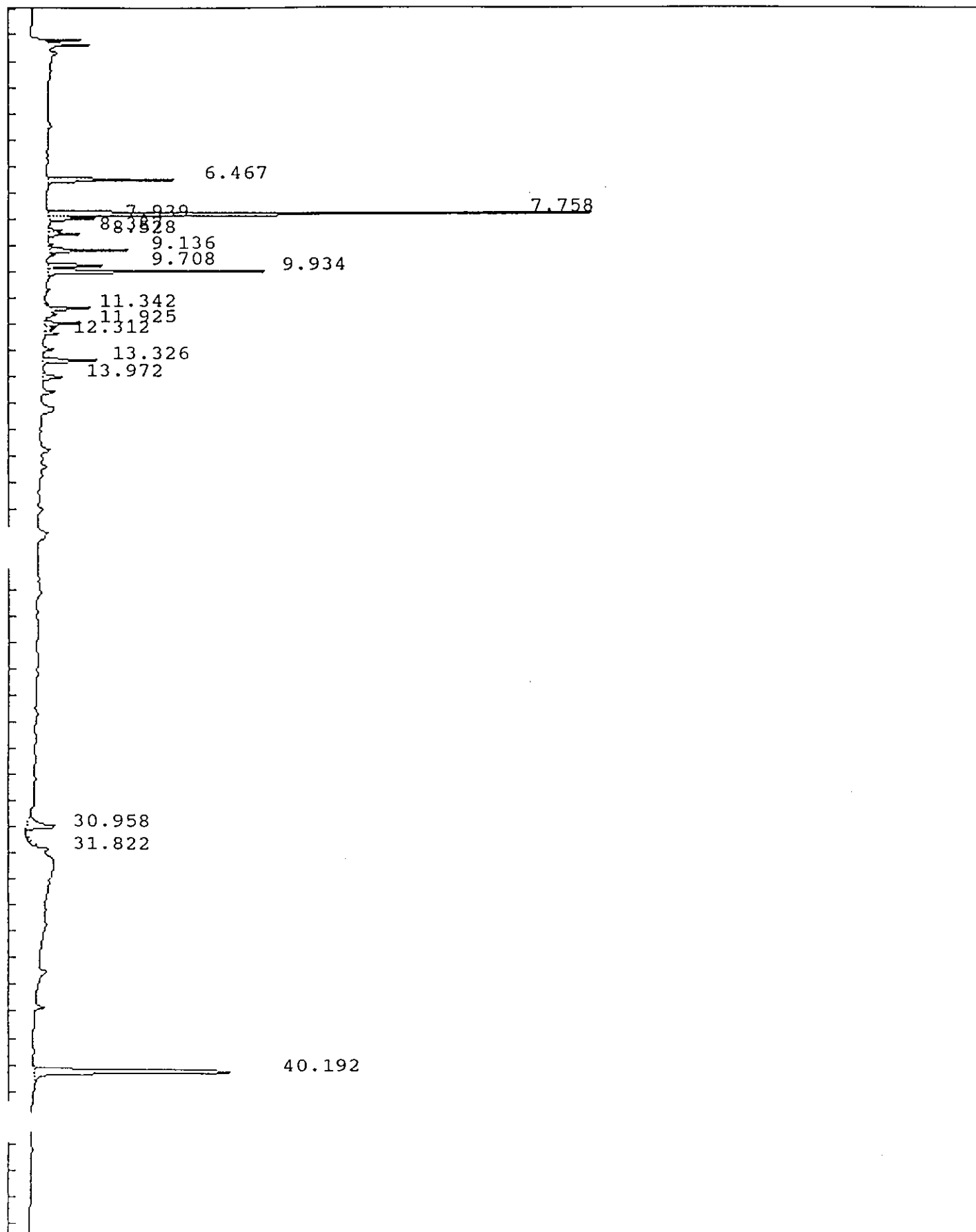
Total Area : 2250365 Total PPB : .412

Report Time : 1208 15Mar1993
Method : /DATA/LOOP/METHOD/B5044.MTH
Result File : /DATA/LOOP/RESULT/B5044004.RES

IEA Pesticide Standard Report

Sample Name : AR1221C8
Result File : /DATA/LOOP/RESULT/B5044005.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

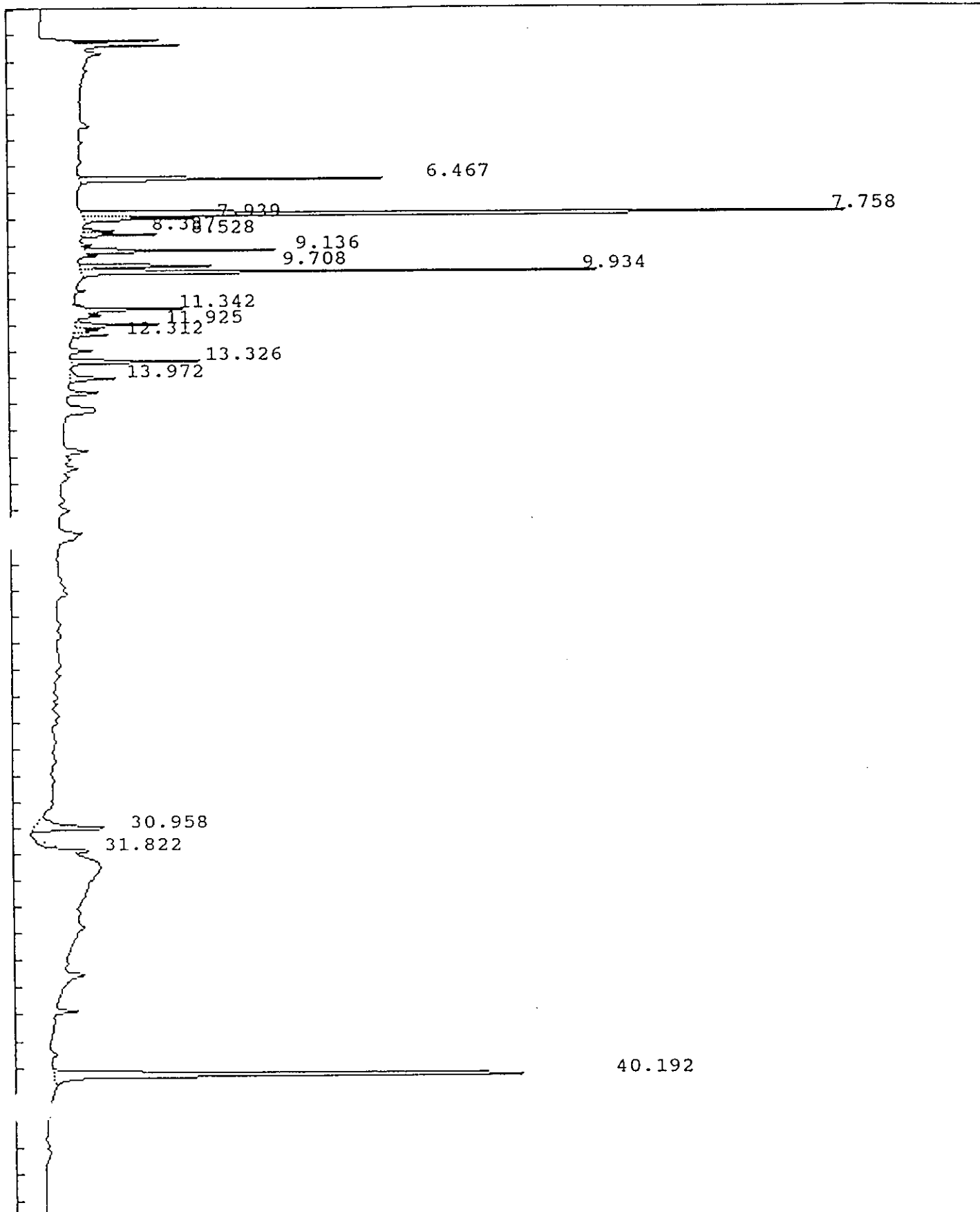
Inj on 0339 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1221C8
Result File : /DATA/LOOP/RESULT/B5044005.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0339 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1221C8 Report No : 261.01
 Result File : /DATA/LOOP/RESULT/B5044005.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0339 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 5 Bottle no. : 5

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.47		.087968	53627	BB	0.0000	
2	7.76	7.76	.072116	222685	BV	.1800	Tetrachloro-m-xylene
3	7.94		.089575	19429	VB	0.0000	
4	8.39		.066790	4657	BV	0.0000	
5	8.53		.079394	11714	VB	0.0000	
6	<u>9.14</u>		.081706	<u>30193</u>	BV	0.0000	
7	9.71		.077211	23937	BV	0.0000	
8	<u>9.93</u>		.081154	<u>83279</u>	VB	0.0000	
9	<u>11.34</u>		.071067	<u>14987</u>	BV	0.0000	
10	<u>11.93</u>		.091726	<u>14609</u>	BV	0.0000	
11	12.31		.090115	6241	VB	0.0000	
12	13.33		.106835	25111	BB	0.0000	
13	13.97		.127701	10543	BB	0.0000	
14	30.96		.198393	26127	BB	0.0000	
15	31.82		.045322	1970	BV	0.0000	
16	40.19	#40.19	.138892	131269	BB	.1071	Decachlorobiphenyl

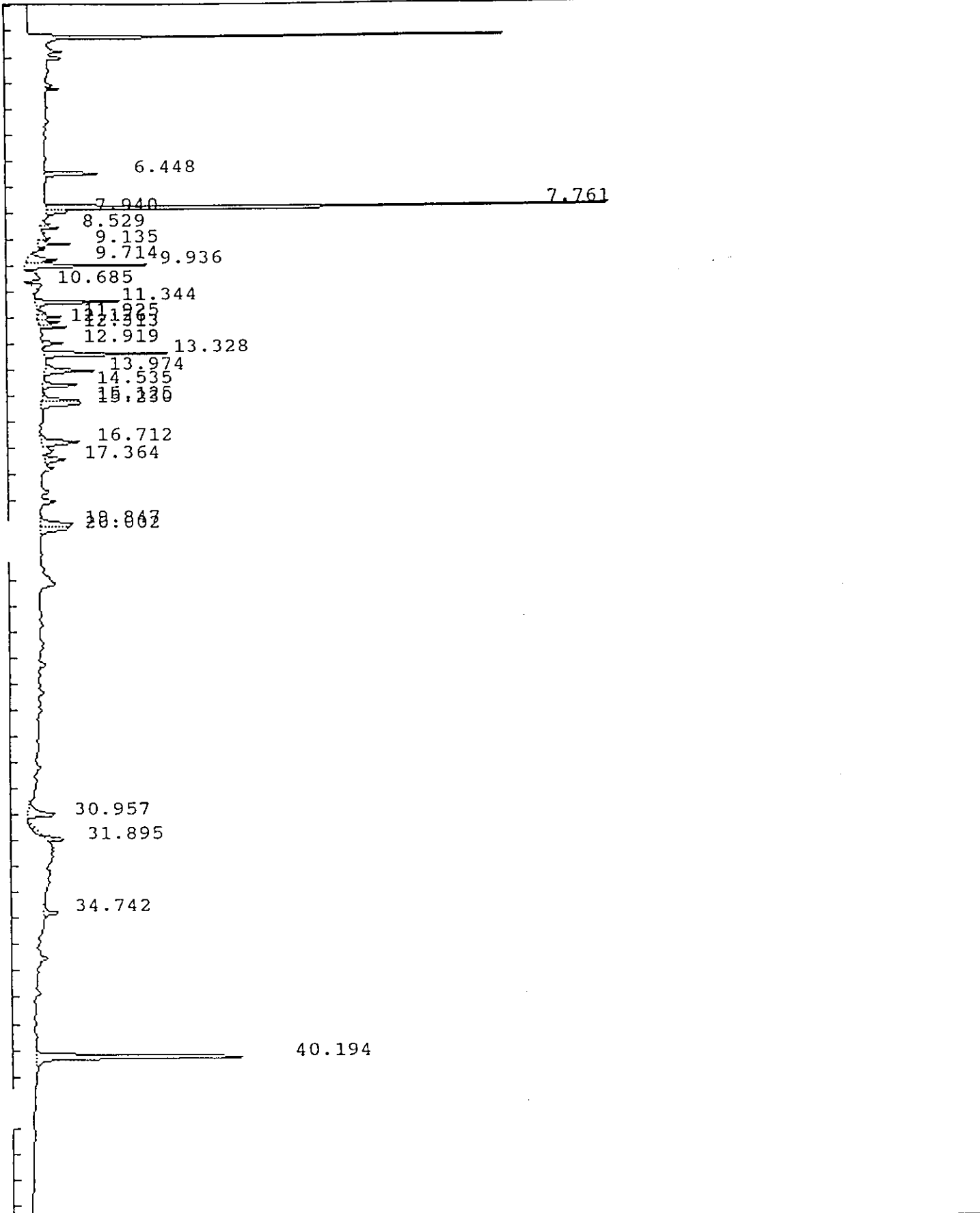
Total Area : 680378 Total PPB : .287

Report Time : 1210 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044005.RES

IEA Pesticide Standard Report

Sample Name : AR1232C8
Result File : /DATA/LOOP/RESULT/B5044006.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

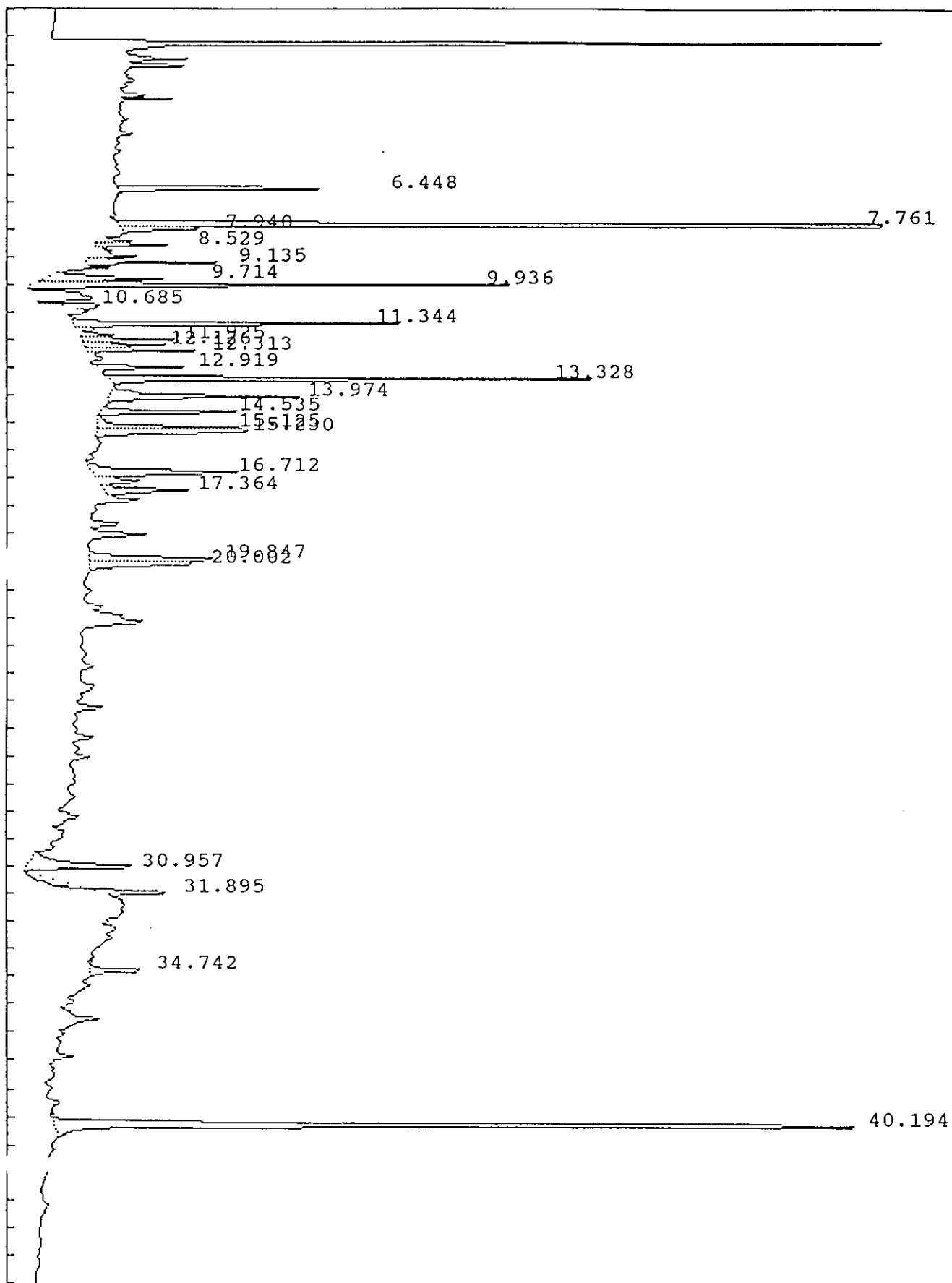
Inj on 0432 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1232C8
Result File : /DATA/LOOP/RESULT/B5044006.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 0432 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1232C8 Report No : 262.01
 Result File : /DATA/LOOP/RESULT/B5044006.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0432 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 6 Bottle no. : 6

% Dil-Fact
100.00

Run Status : RunStatusOK

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.45		.102583	27018	BB	0.0000	
2	7.76	7.76	.070842	240987	BV	.1948	Tetrachloro-m-xylene
3	7.94		.094489	8609	VB	0.0000	
4	8.53		.088579	7695	VV	0.0000	
5	9.14		.087073	13653	VV	0.0000	
6	9.71		.134235	19370	BV	0.0000	
7	9.94		.096680	56239	VV	0.0000	
8	10.68		.131832	8602	BB	0.0000	
9	11.34		.092022	40649	BV	0.0000	
10	11.92		.102373	11185	VV	0.0000	
11	12.13		.107624	10173	VV	0.0000	
12	12.31		.083712	11255	VV	0.0000	
13	12.92		.114443	11214	BB	0.0000	
14	13.33		.107135	60499	BB	0.0000	
15	13.97		.133142	28666	BB	0.0000	
16	14.54		.114367	19054	BV	0.0000	
17	15.12		.123594	18897	PV	0.0000	
18	15.23	15.26	.168787	27051	VB	.0295	Aldrin
19	16.71		.195175	30666	BV	0.0000	
20	17.36		.160887	15109	VV	0.0000	
21	19.85		.184421	24675	BV	0.0000	
22	20.00		.166680	18418	VB	0.0000	
23	30.96		.219965	27042	BV	0.0000	
24	31.90		.065657	5389	PV	0.0000	
25	34.74		.129025	8354	BB	0.0000	
26	40.19	#40.19	.139491	140328	BB	.1144	Decachlorobiphenyl

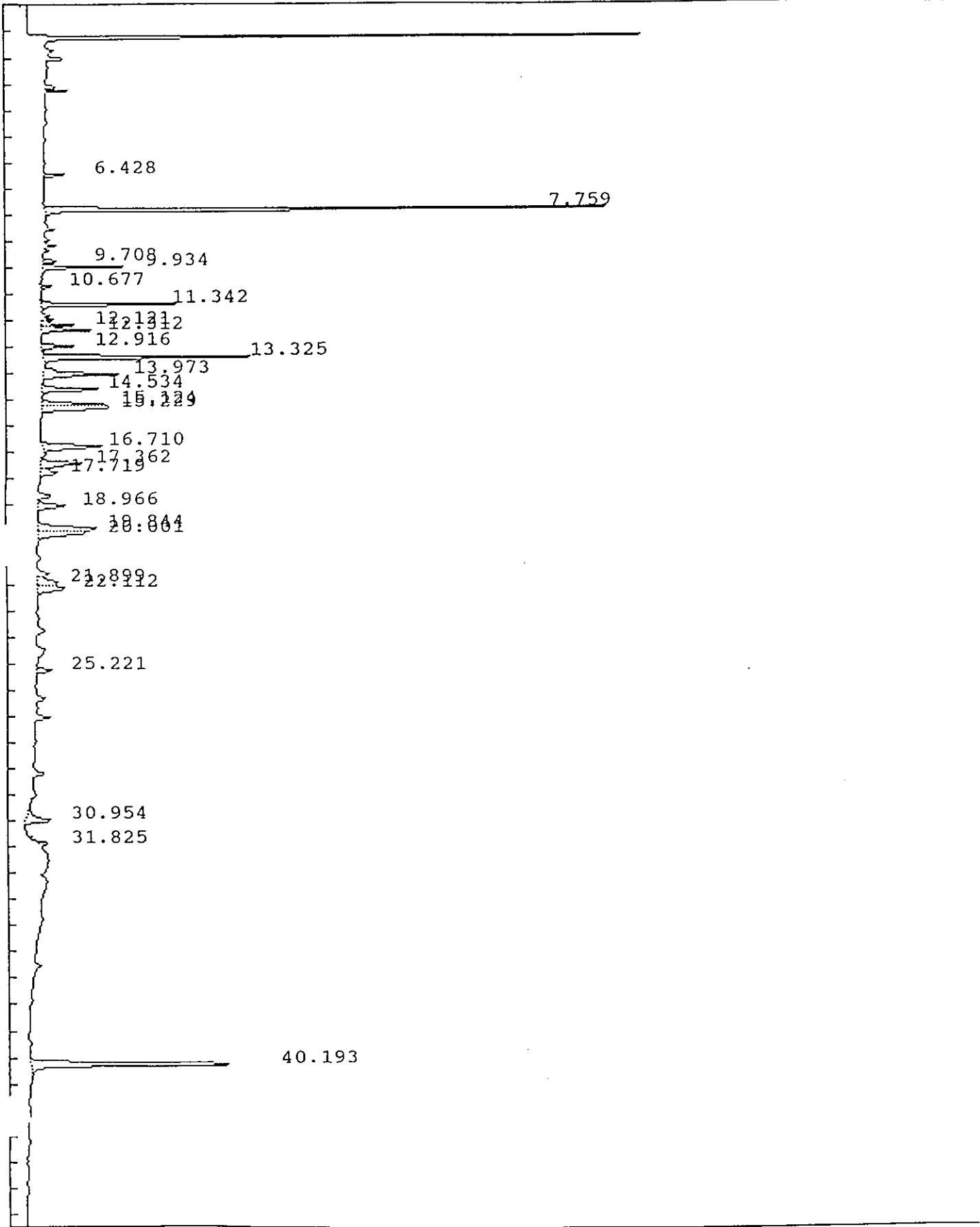
Total Area : 890794 Total PPB : .339

Report Time : 1212 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044006.RES

IEA Pesticide Standard Report

Sample Name : AR1242D5
Result File : /DATA/LOOP/RESULT/B5044007.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

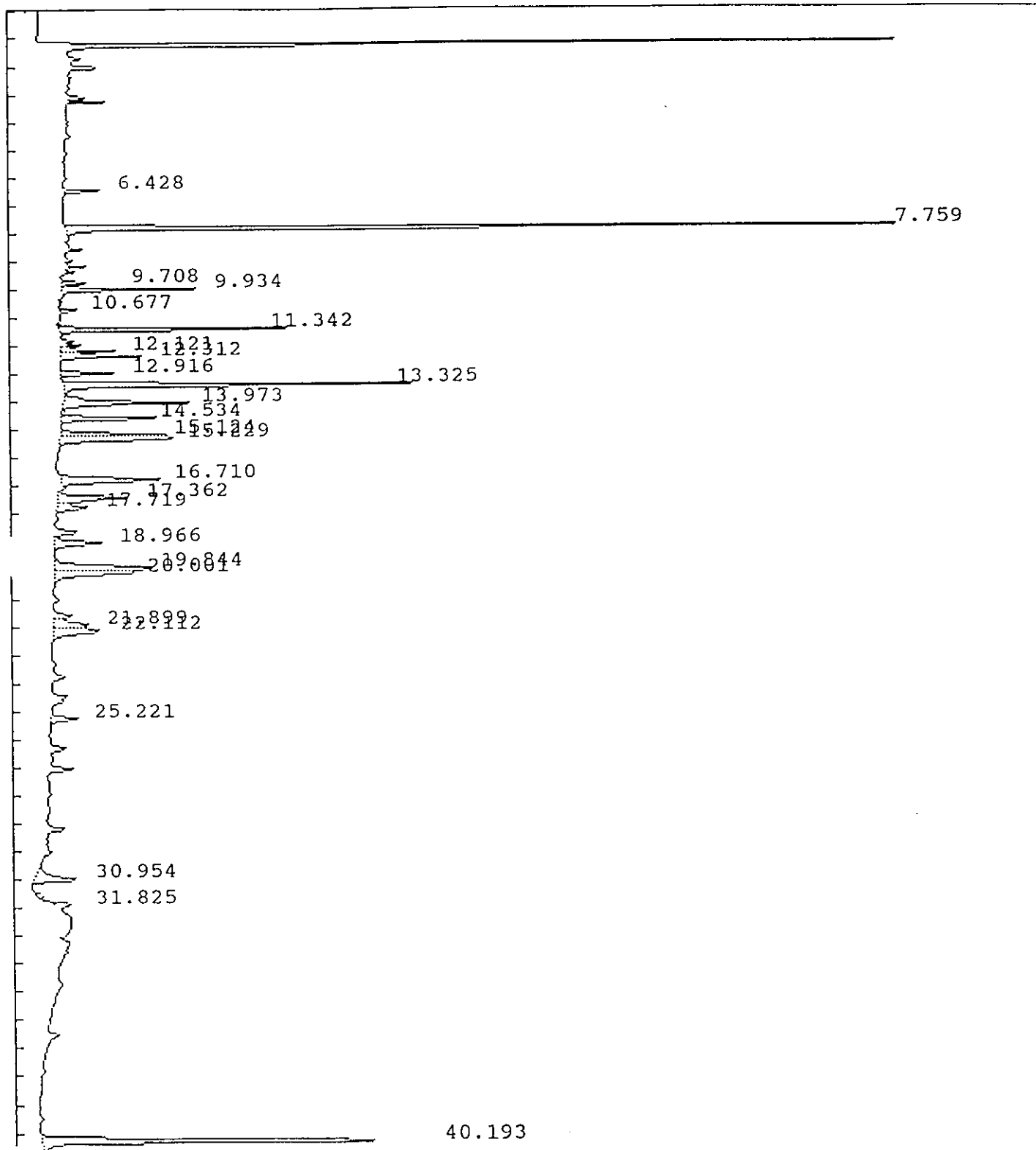
Inj on 0526 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1242D5
Result File : /DATA/LOOP/RESULT/B5044007.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 0526 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1242D5 Report No : 263.01
 Result File : /DATA/LOOP/RESULT/B5044007.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0526 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 7 Bottle no. : 7

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.064804	8613	BB	0.0000	
2	7.76	7.76	.071751	235840	BB	.1906	Tetrachloro-m-xylene
3	9.71		.076761	6382	BV	0.0000	
4	9.93		.079605	30962	PB	0.0000	
5	10.68		.077365	4705	BB	0.0000	
6	11.34		.083114	58537	BV	0.0000	
7	12.12		.090370	13636	VV	0.0000	
8	12.31		.088883	20786	VB	0.0000	
9	12.92		.106764	15126	BB	0.0000	
10	13.33		.111609	102836	BB	0.0000	
11	13.97		.136072	45760	BB	0.0000	
12	14.53		.113615	30543	BB	0.0000	
13	15.12		.113405	29948	BV	0.0000	
14	15.23	15.26	.165008	46184	VB	.0503	Aldrin
15	16.71		.172133	43655	BV	0.0000	
16	17.36		.175263	31044	BV	0.0000	
17	17.72		.157105	12405	VB	0.0000	
18	18.97	18.97	.174294	20616	VB	.0282	delta-BHC
19	19.84		.184950	44922	BV	0.0000	
20	20.00		.173563	34697	VB	0.0000	
21	21.90		.202696	17090	VV	0.0000	
22	22.11		.219873	25539	VB	0.0000	
23	25.22		.144475	9697	BB	0.0000	
24	30.95		.197311	22316	BB	0.0000	
25	31.82		.122260	5799	BV	0.0000	
26	40.19	#40.19	.140016	134765	BB	.1099	Decachlorobiphenyl

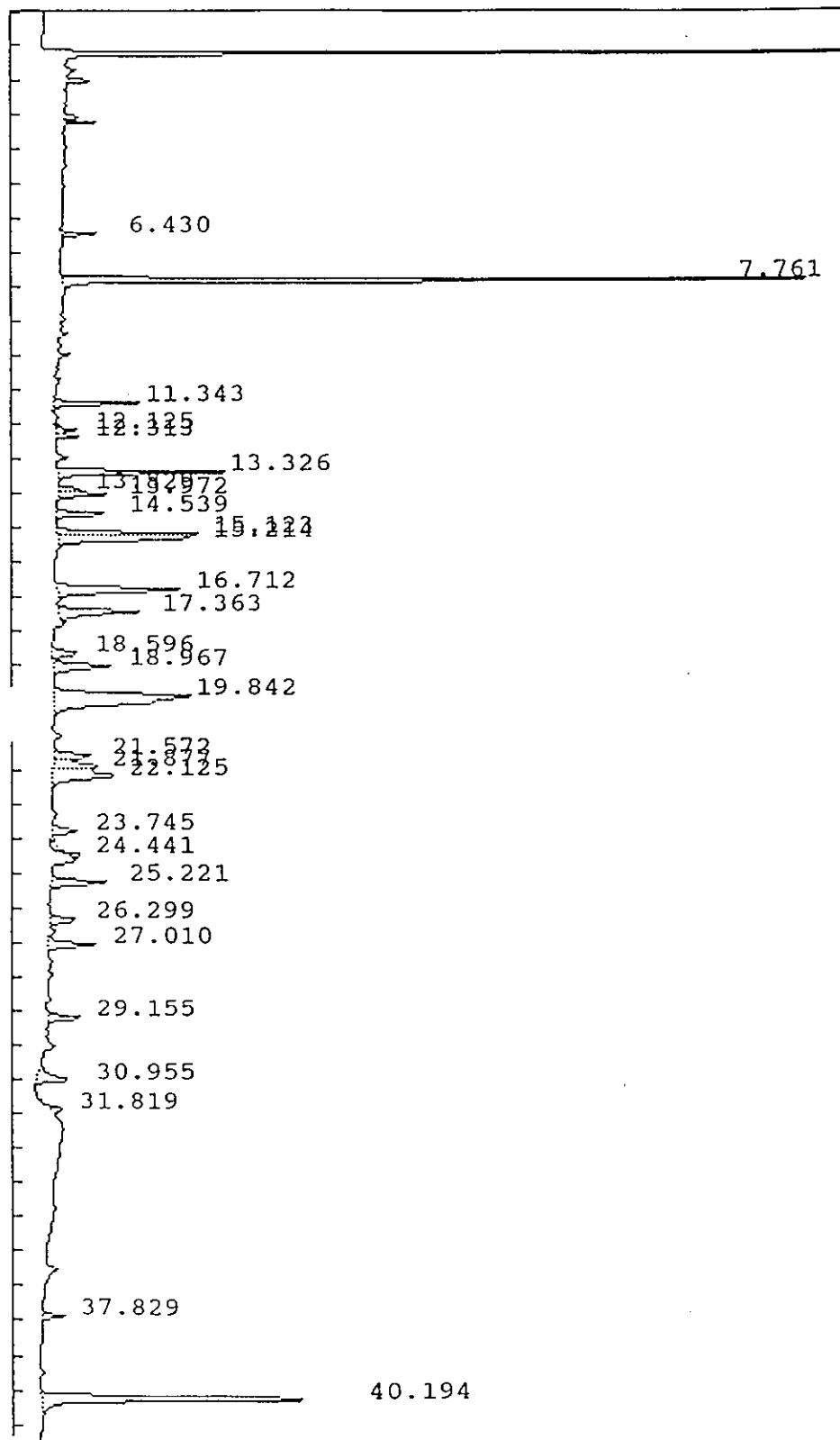
Total Area : 1052403 Total PPB : .379

Report Time : 1213 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044007.RES

IEA Pesticide Standard Report

Sample Name : AR1248D5
Result File : /DATA/LOOP/RESULT/B5044008.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

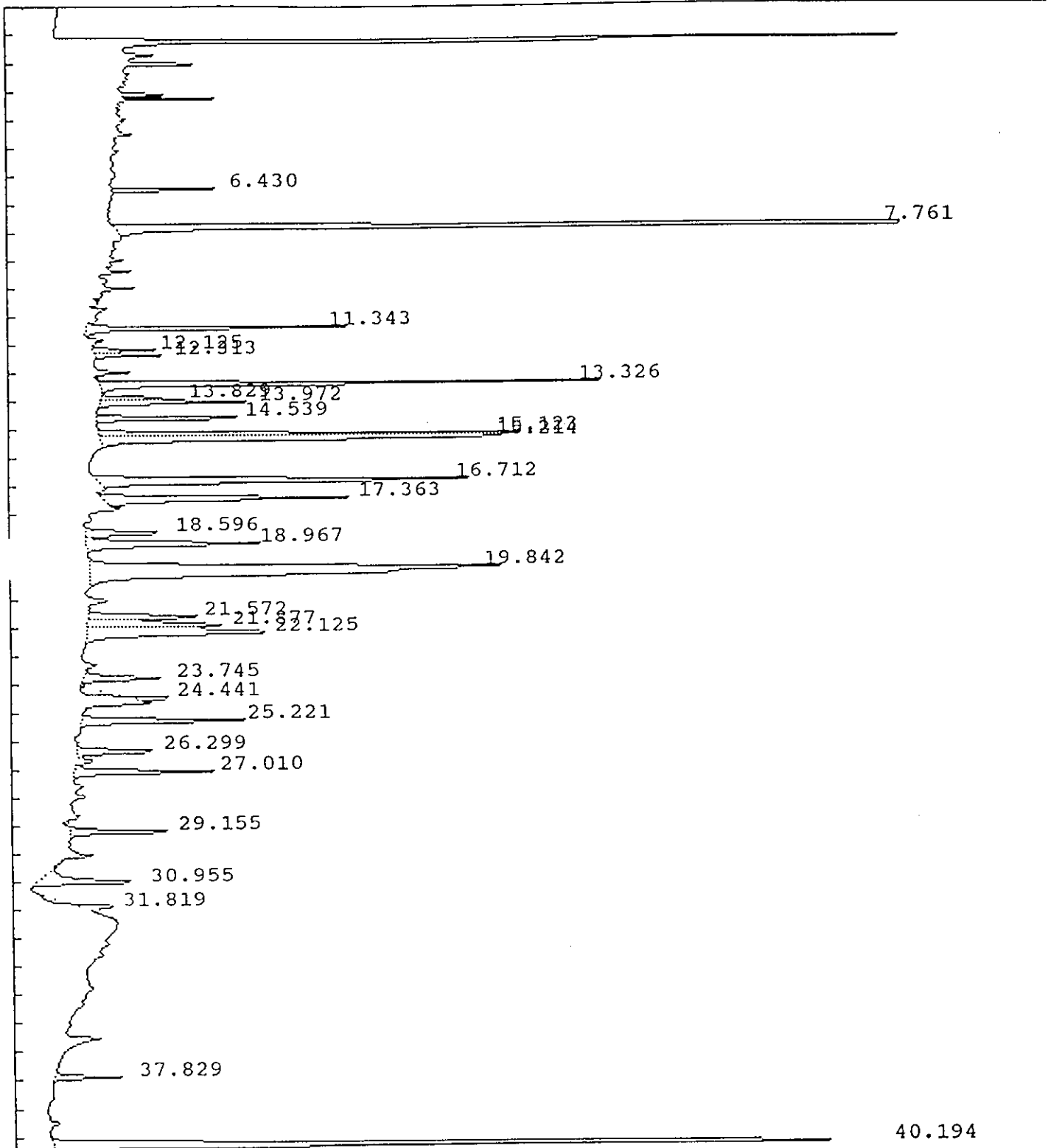
Inj on 0620 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1248D5
Result File : /DATA/LOOP/RESULT/B5044008.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0620 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1248D5 Report No : 264.01
 Result File : /DATA/LOOP/RESULT/B5044008.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0620 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 8 Bottle no. : 8

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.063482	10666	BB	0.0000	
2	7.76	7.76	.075212	250347	BB	.2023	Tetrachloro-m-xylene
3	11.34		.090932	31400	BB	0.0000	
4	12.12		.098017	7228	BV	0.0000	
5	12.31		.085859	7006	VB	0.0000	
6	13.33		.113092	64429	BB	0.0000	
7	13.83		.095692	7004	BV	0.0000	
8	13.97		.116767	19371	VB	0.0000	
9	14.54		.114658	20369	BB	0.0000	
10	15.12		.123800	56309	BV	0.0000	
11	15.21	15.26	.150696	61847	VB	.0673	Aldrin
12	16.71		.174703	69384	BB	0.0000	
13	17.36		.162353	43374	BV	0.0000	
14	18.60		.160501	13413	BV	0.0000	
15	18.97	18.97	.181823	33417	VB	.0457	delta-BHC
16	19.84		.327686	143347	BB	0.0000	
17	21.57		.178055	20861	BV	0.0000	
18	21.88		.219816	30374	VV	0.0000	
19	22.12		.235155	44978	VB	0.0000	
20	23.74	23.79	.168898	13655	BB	.0109	alpha-Chlordane
21	24.44		.041493	2306	BV	0.0000	
22	25.22		.148062	26303	BB	0.0000	
23	26.30		.160719	14088	BV	0.0000	
24	27.01	27.00	.147472	22227	VB	.0261	Endrin
25	29.15		.129760	15437	BB	0.0000	
26	30.95		.195268	20884	BB	0.0000	
27	31.82		.132311	6435	BB	0.0000	
28	37.83		.120701	8828	BB	0.0000	
29	40.19	#40.19	.144841	139644	BB	.1139	Decachlorobiphenyl

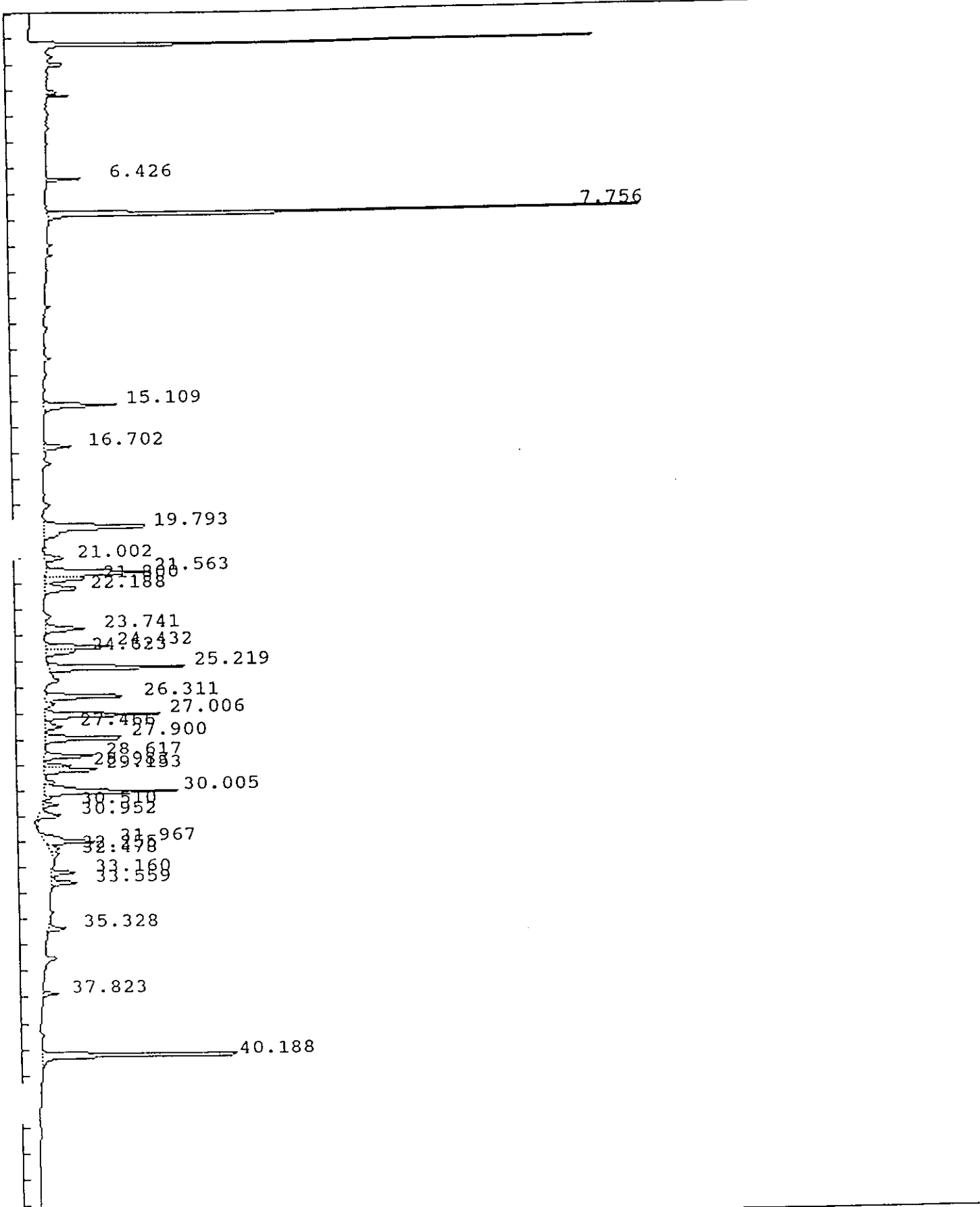
Total Area : 1204930 Total PPB : .466

Report Time : 1215 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044008.RES

IEA Pesticide Standard Report

Sample Name : AR1254D5
Result File : /DATA/LOOP/RESULT/B5044009.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

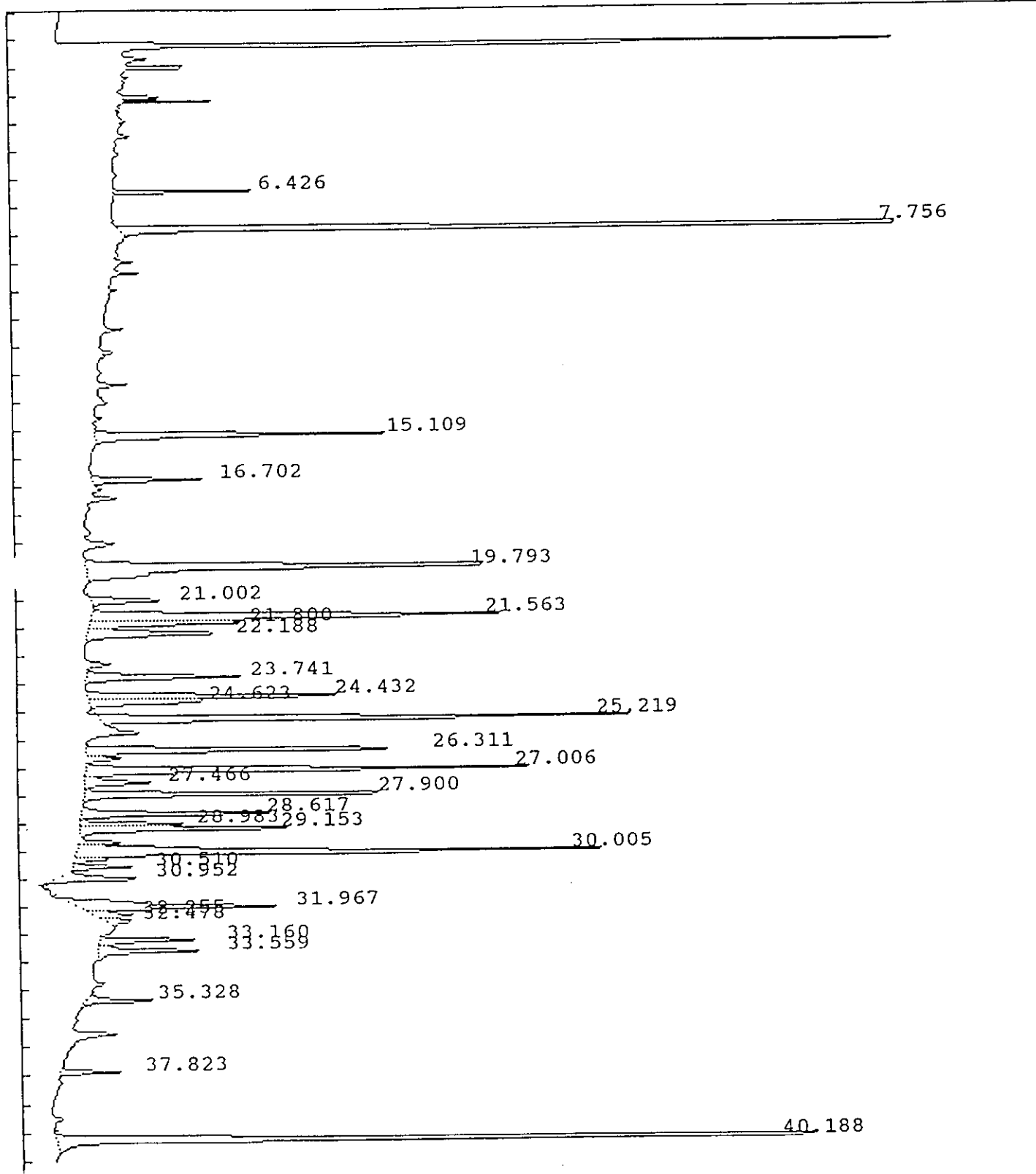
Inj on 0714 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1254D5
Result File : /DATA/LOOP/RESULT/B5044009.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 0714 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR1254D5 Report No : 265.01
 Result File : /DATA/LOOP/RESULT/B5044009.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0714 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 9 Bottle no. : 9

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062525	13306	BB	0.0000	
2	7.76	7.76	.074526	250073	BB	.2021	Tetrachloro-m-xylene
3	15.11		.147949	46747	BB	0.0000	
4	16.70		.140333	16962	BB	0.0000	
5	19.79		.230634	105415	BB	0.0000	
6	21.00		.169191	13094	BB	0.0000	
7	21.56		.188670	83107	BV	0.0000	
8	21.80		.172250	28488	VV	0.0000	
9	22.19		.197260	28233	VB	0.0000	
10	23.74	23.79	.169796	28576	BB	.0228	alpha-Chlordane
11	<u>24.43</u>		.160091	44712	BV	0.0000	
12	<u>24.62</u>		.154210	18579	VB	0.0000	
13	<u>25.22</u>		.150242	87991	BV	0.0000	
14	<u>26.31</u>		.151470	54580	BV	0.0000	
15	<u>27.01</u>	27.00	.155981	75588	VV	.0888	Endrin
16	<u>27.47</u>		.175314	12421	VV	0.0000	
17	27.90		.139715	52123	VB	0.0000	
18	28.62		.137813	30735	BV	0.0000	
19	28.98		.114098	13432	PV	0.0000	
20	29.15		.146672	36091	VB	0.0000	
21	30.01		.165667	97052	VV	0.0000	
22	30.51		.114136	7763	VB	0.0000	
23	30.95		.158608	15050	BB	0.0000	
24	31.97		.191012	44171	BV	0.0000	
25	32.26		.176862	8145	VV	0.0000	
26	32.48	32.52	.167099	5604	VB	.0099	Endrin aldehyde
27	33.16		.135937	15822	BV	0.0000	
28	33.56		.139702	17242	VB	0.0000	
29	35.33		.125506	10387	BB	0.0000	
30	37.82		.118341	8052	BB	0.0000	
31	40.19	#40.19	.137785	137248	BB	.1119	Decachlorobiphenyl

Total Area : 1406789 Total PPB : .436

Report Time : 1217 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044009.RES

IEA Pesticide Standard Report

Sample Name : TOXAPHC8 Report No : 266.01
 Result File : /DATA/LOOP/RESULT/B5044010.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0808 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 10 Bottle no. : 10

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062424	13794	BB	0.0000	
2	7.76	7.76	.071581	241289	BB	.1950	Tetrachloro-m-xylene
3	21.78		.223971	14169	BB	0.0000	
4	23.78	23.79	.194119	15307	BV	.0122	alpha-Chlordane
5	25.10		.223408	25144	VV	0.0000	
6	25.91		.370095	64866	VV	0.0000	
7	26.45		.207393	56009	VV	0.0000	
8	26.59		.292476	80418	VV	0.0000	
9	27.10		.174065	47766	VV	0.0000	
10	27.67		.185545	47189	VV	0.0000	
11	27.85		.171824	43008	VV	0.0000	
12	28.32		.263727	102782	VV	0.0000	
13	28.68		.208720	91279	VV	0.0000	
14	28.98		.188525	39382	VV	0.0000	
15	29.21		.182041	56156	VV	0.0000	
16	29.91		.380257	168605	VV	0.0000	
17	30.30		.224373	114492	VV	0.0000	
18	30.65		.134182	48228	VV	0.0000	
19	30.79		.153069	68308	VV	0.0000	
20	30.96		.160704	50478	VV	0.0000	
21	31.44		.357497	231987	VV	0.0000	
22	31.85		.171313	113706	VV	0.0000	
23	31.99		.182530	123199	VV	0.0000	
24	32.34		.169392	99190	VV	0.0000	
25	32.56	32.52	.146702	47164	VV	.0835	Endrin aldehyde
26	32.70		.151289	47375	VV	0.0000	
27	32.94		.150977	60452	VV	0.0000	
28	33.12		.170516	67279	VV	0.0000	
29	<u>33.33</u>		.140037	<u>116985</u>	VV	0.0000	
30	33.53		.144417	53261	VV	0.0000	
31	<u>33.80</u>		.222461	<u>196808</u>	VV	0.0000	
32	34.17	34.19	.194100	102112	VV	.1400	Endosulfan sulfatate
33	34.62		.187399	77243	VV	0.0000	
34	34.76		.106256	28701	VV	0.0000	
35	<u>35.03</u>		.206529	<u>111355</u>	VV	0.0000	
36	35.71		.197551	38191	VV	0.0000	
37	35.99		.179063	19578	VV	0.0000	
38	36.53		.267865	66159	VV	0.0000	
39	36.77		.126658	24524	VV	0.0000	
40	37.03		.116271	10725	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	37.25		.112089	9249	VV	0.0000	
42	38.78		.110459	8569	BB	0.0000	
43	40.19	#40.19	.141291	139645	BB	.1139	Decachlorobiphenyl

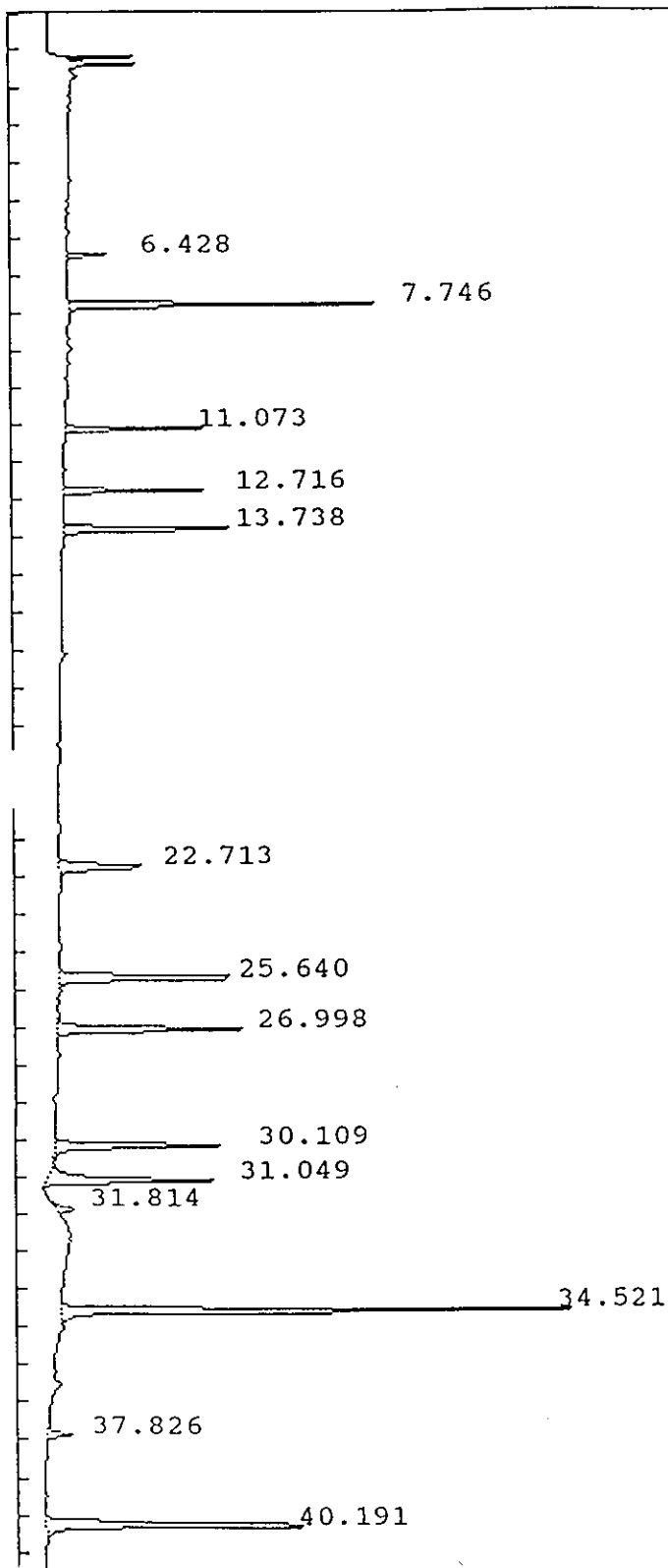
Total Area : 3182127 Total PPB : .545

Report Time : 1219 15Mar1993
Method : /DATA/LOOP/METHOD/B5044.MTH
Result File : /DATA/LOOP/RESULT/B5044010.RES

IEA Pesticide Standard Report

Sample Name : INDALC7
Result File : /DATA/LOOP/RESULT/B5044011.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0902 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDALC7 Report No : 267.01
 Result File : /DATA/LOOP/RESULT/B5044011.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0902 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 11 Bottle no. : 11

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062596	10579	BB	0.0000	
2	7.75	7.76	.104025	94726	BB	.0766	Tetrachloro-m-xylene
3	11.07	11.07	.068080	35550	BB	.0406	alpha-BHC
4	12.72	12.72	.083698	38540	BB	.0420	gamma-BHC (Lindane)
5	13.74	13.73	.106373	59260	BB	.0517	Heptachlor
6	22.71	22.71	.169935	43115	BB	.0499	Endosulfan I
7	25.64	25.64	.145268	82206	BB	.0919	Dieldrin
8	27.00	27.00	.140128	76689	BB	.0901	Endrin
9	30.11	30.11	.129985	69023	BB	.0928	4,4'-DDD
10	31.05	31.05	.147519	73951	BB	.1048	4,4'-DDT
11	31.81		.134254	7484	BV	0.0000	
12	34.52	34.52	.113317	182223	BV	.5019	Methoxychlor
13	37.83		.120165	8492	BB	0.0000	
14	40.19	#40.19	.141010	123604	BB	.1008	Decachlorobiphenyl

Total Area : 905443 Total PPB : 1.243

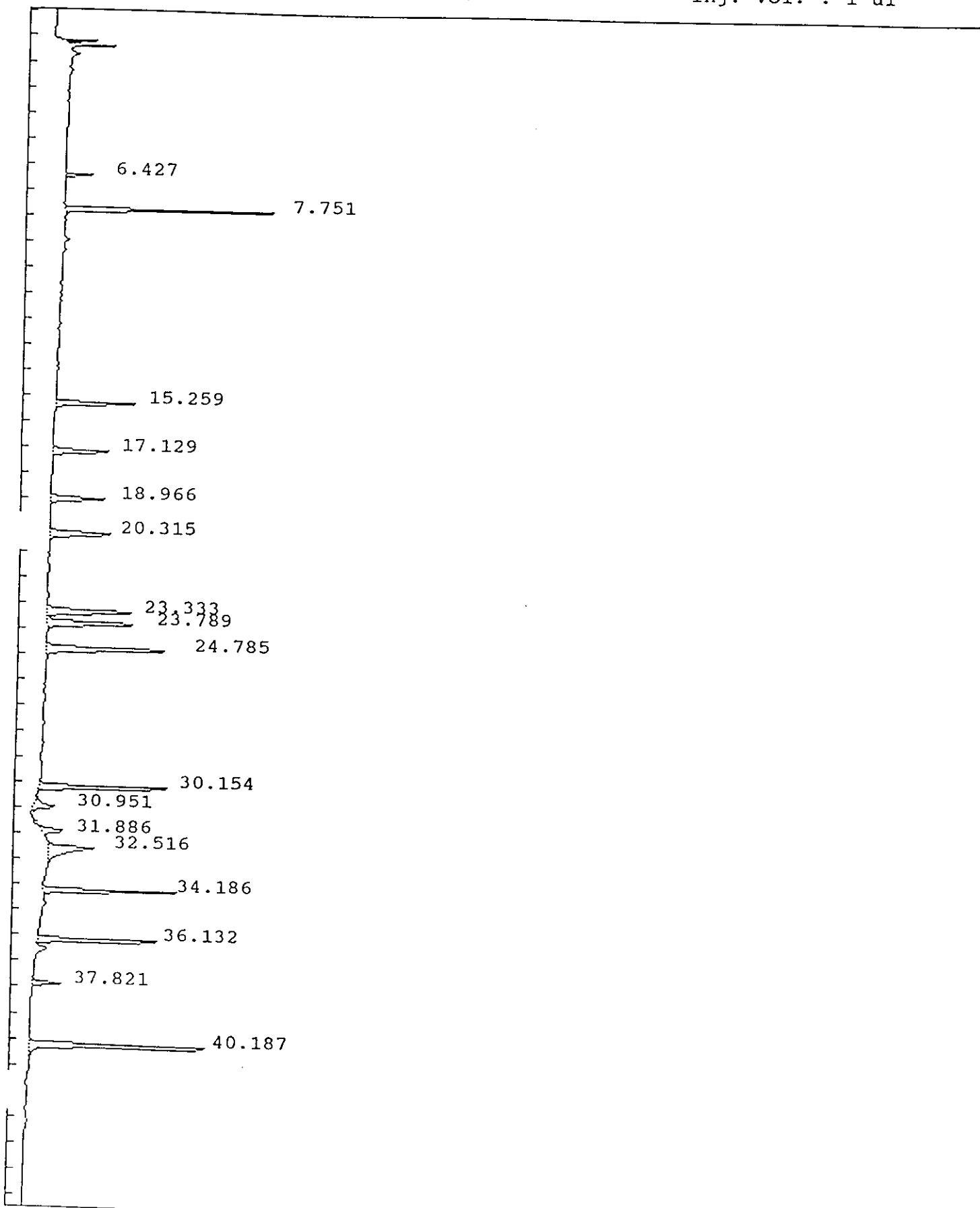
Report Time : 1221 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044011.RES

IEA Pesticide Standard Report

1258

Sample Name : INDBLC7
Result File : /DATA/LOOP/RESULT/B5044012.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0956 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBLC7
 Result File : /DATA/LOOP/RESULT/B5044012.RES
 Column Type : DB-1701 30 Meter,0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0956 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 12 Bottle no. : 12

Report No :268.12

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062449	10577	BB	0.0000	
2	7.75	7.76	.097896	93634	BB	.0757	Tetrachloro-m-xylene
3	15.26	15.26	.117961	44142	BB	.0481	Aldrin
4	17.13	17.13	.138547	35942	BB	.0535	beta-BHC
5	18.97	18.97	.150356	34810	BB	.0476	delta-BHC
6	20.32	20.32	.178880	48919	BB	.0522	Heptachlor epoxide
7	23.33	23.34	.169023	62588	BV	.0529	gamma-Chlordane
8	23.79	23.79	.160753	63720	VB	.0509	alpha-Chlordane
9	24.78	24.79	.157366	86765	BB	.0944	4,4'-DDE
10	30.15	30.16	.123818	80748	BB	.0944	Endosulfan II
11	30.95		.186299	18139	BB	0.0000	
12	31.89		.171604	16732	BV	0.0000	
13	32.52	32.52	.266948	53443	BB	.0946	Endrin aldehyde
14	34.19	34.19	.111445	67853	BB	.0930	Endosulfan sulfate
15	36.13	36.14	.107430	68394	BV	.0897	Endrin ketone
16	37.82		.117847	15583	BB	0.0000	
17	40.19	#40.19	.136300	122951	BB	.1003	Decachlorobiphenyl

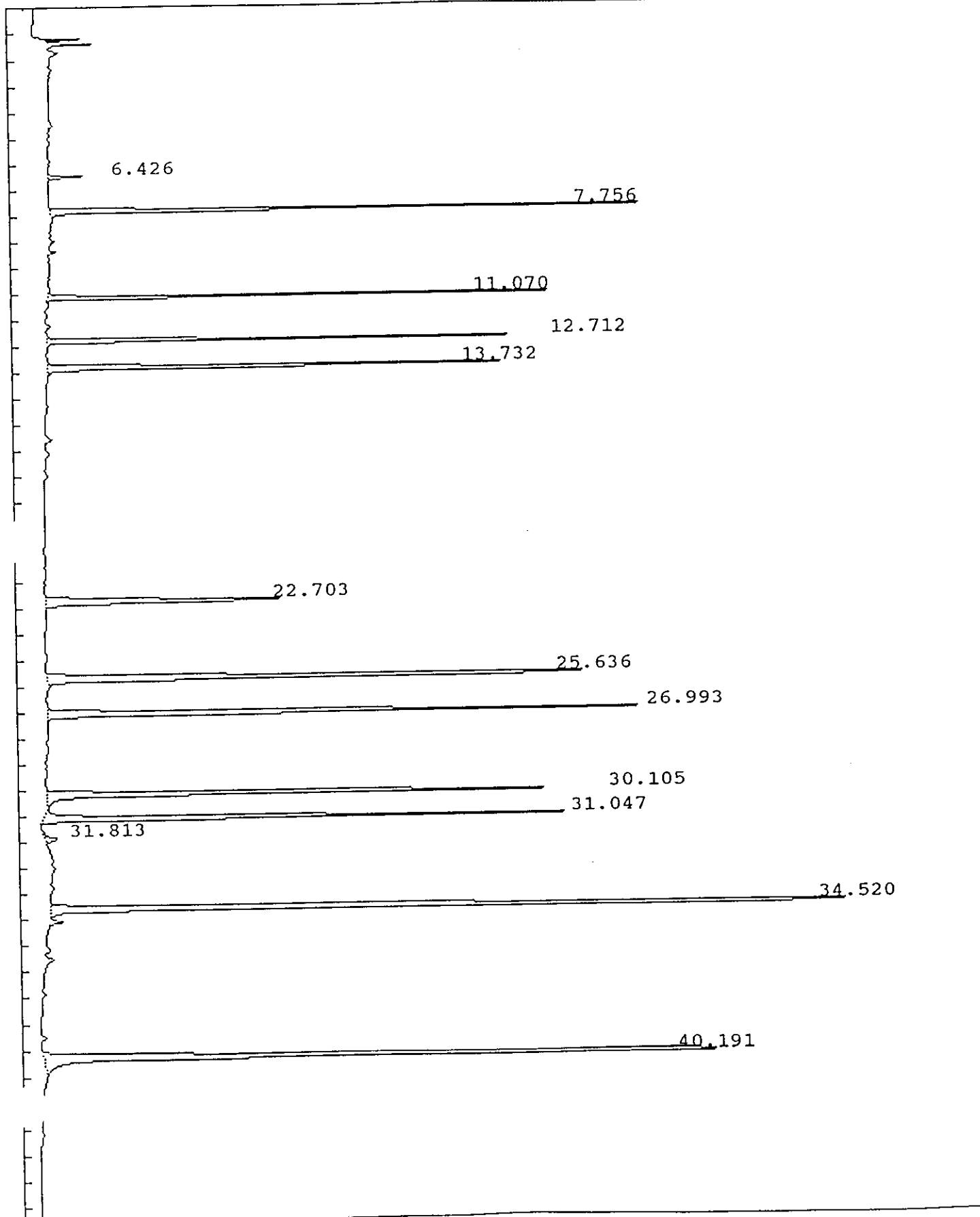
Total Area : 924939 Total PPB : .947

Report Time : 1222 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044012.RES

IEA Pesticide Standard Report

Sample Name : INDAMH1
Result File : /DATA/LOOP/RESULT/B5044013.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1050 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAMH1 Report No : 269.01
 Result File : /DATA/LOOP/RESULT/B5044013.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1050 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 13 Bottle no. : 13

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.062819	12879	BB	0.0000	
2	7.76	7.76	.075291	247466	BB	.2000	Tetrachloro-m-xylene
3	11.07	11.07	.063067	175335	BB	.2000	alpha-BHC
4	12.71	12.72	.079220	183360	BB	.2000	gamma-BHC (Lindane)
5	13.73	13.73	.107277	229049	BB	.2000	Heptachlor
6	22.70	22.71	.168970	172866	BB	.2000	Endosulfan I
7	25.64	25.64	.140891	357861	BB	.4000	Dieldrin
8	26.99	27.00	.130985	340468	BB	.4000	Endrin
9	30.11	30.11	.123993	297440	BB	.4000	4,4'-DDD
10	31.05	31.05	.121857	282201	BB	.4000	4,4'-DDT
11	31.81		.162186	10030	VB	0.0000	
12	34.52	34.52	.114227	726086	BV	2.0000	Methoxychlor
13	40.19	#40.19	.143995	490487	BB	.4000	Decachlorobiphenyl

Total Area : 3525526 Total PPB : 5.000

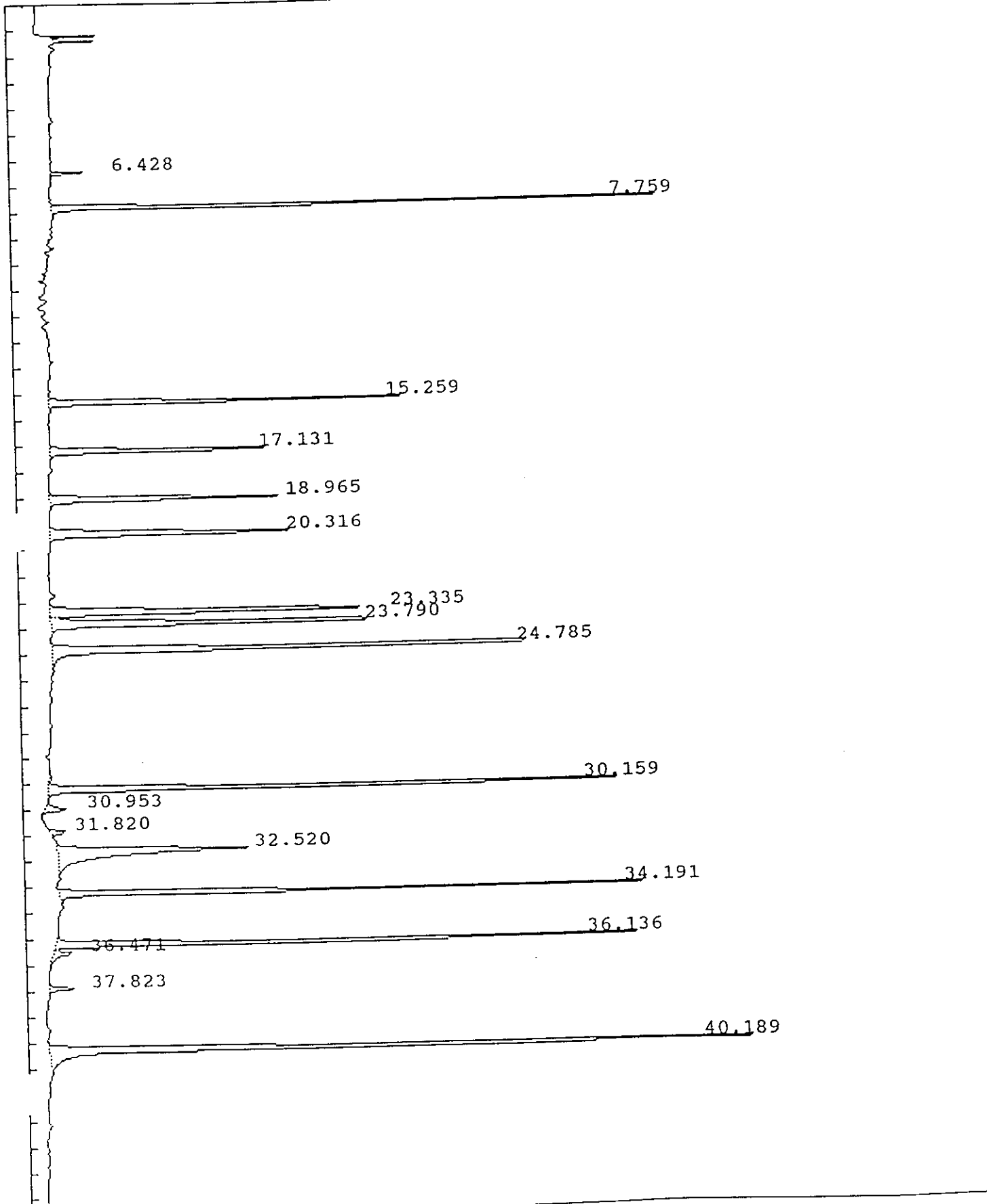
Report Time : 1224 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044013.RES

IEA Pesticide Standard Report

1262

Sample Name : INDBMH1
Result File : /DATA/LOOP/RESULT/B5044014.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1143 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Report No :270.12

Sample Name : INDBMH1
 Result File : /DATA/LOOP/RESULT/B5044014.RES
 Column Type : DB-1701 30 Meter,0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.52 Mins. Injected on 1143 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 14 Bottle no. : 14

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.063464	12380	BB	0.0000	
2	7.76	7.76	.075315	257845	BB	.2084	Tetrachloro-m-xylene
3	15.26	15.26	.115305	183701	BB	.2000	Aldrin
4	17.13	17.13	.133375	134310	BB	.2000	beta-BHC
5	18.96	18.97	.147515	146383	BB	.2000	delta-BHC
6	20.32	20.32	.182761	187599	BB	.2000	Heptachlor epoxide
7	23.33	23.34	.170397	236618	BV	.2000	gamma-Chlordane
8	23.79	23.79	.166168	250499	VB	.2000	alpha-Chlordane
9	24.79	24.79	.153378	367554	BB	.4000	4,4'-DDE
10	30.16	30.16	.120432	342211	BB	.4000	Endosulfan II
11	30.95		.175317	15709	BB	0.0000	
12	31.82		.153448	9946	BV	0.0000	
13	32.52	32.52	.277809	225883	BV	.4000	Endrin aldehyde
14	34.19	34.19	.110363	291783	BB	.4000	Endosulfan sulfate
15	36.14	36.14	.106088	304847	BV	.4000	Endrin ketone
16	36.47		.183436	15295	VB	0.0000	
17	37.82		.117252	13558	BB	0.0000	
18	40.19	#40.19	.148068	486743	BB	.3969	Decachlorobiphenyl

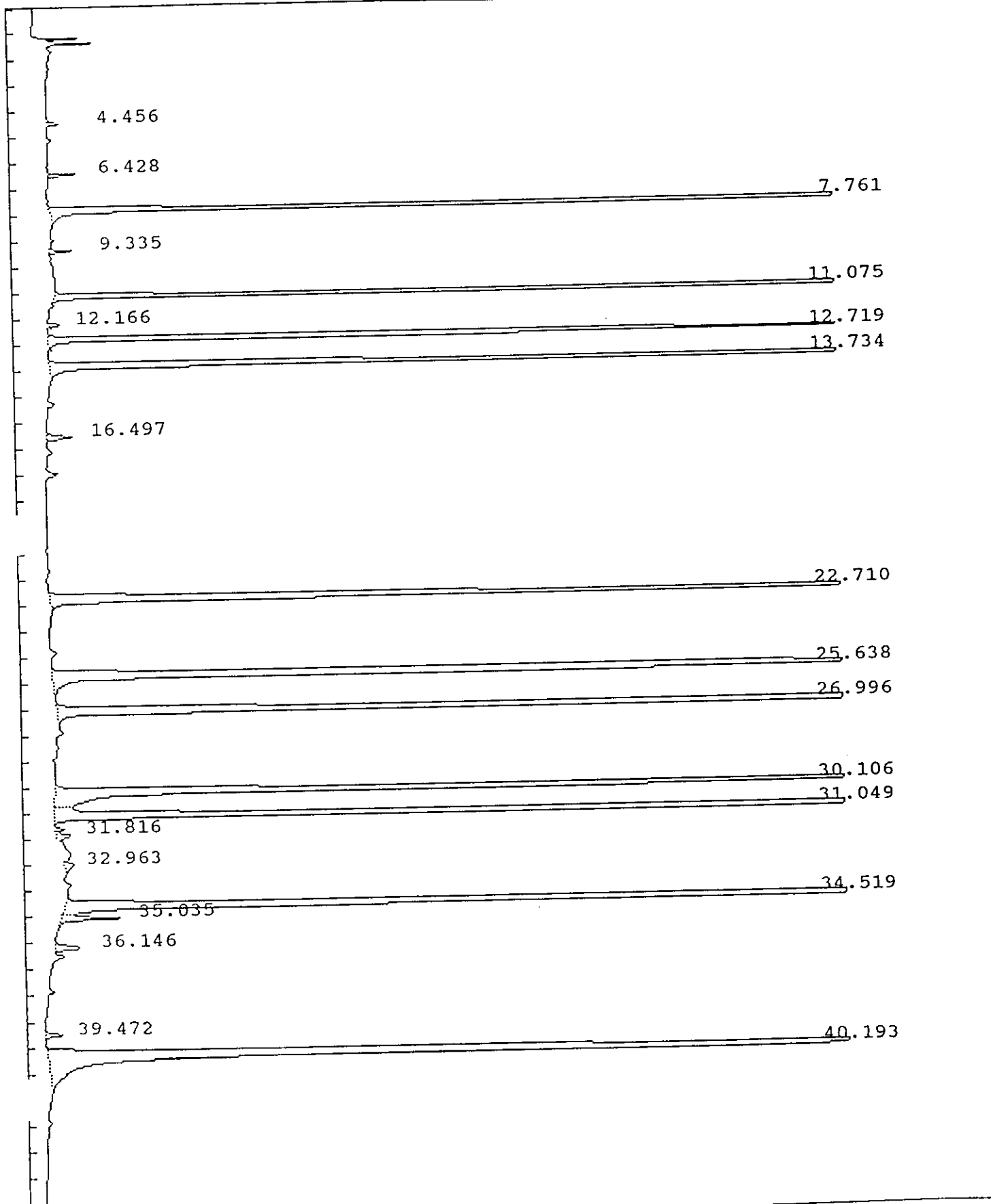
Total Area : 3482864 Total PPB : 3.805

Report Time : 1226 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044014.RES

IEA Pesticide Standard Report

Sample Name : INDAH6
Result File : /DATA/LOOP/RESULT/B5044015.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

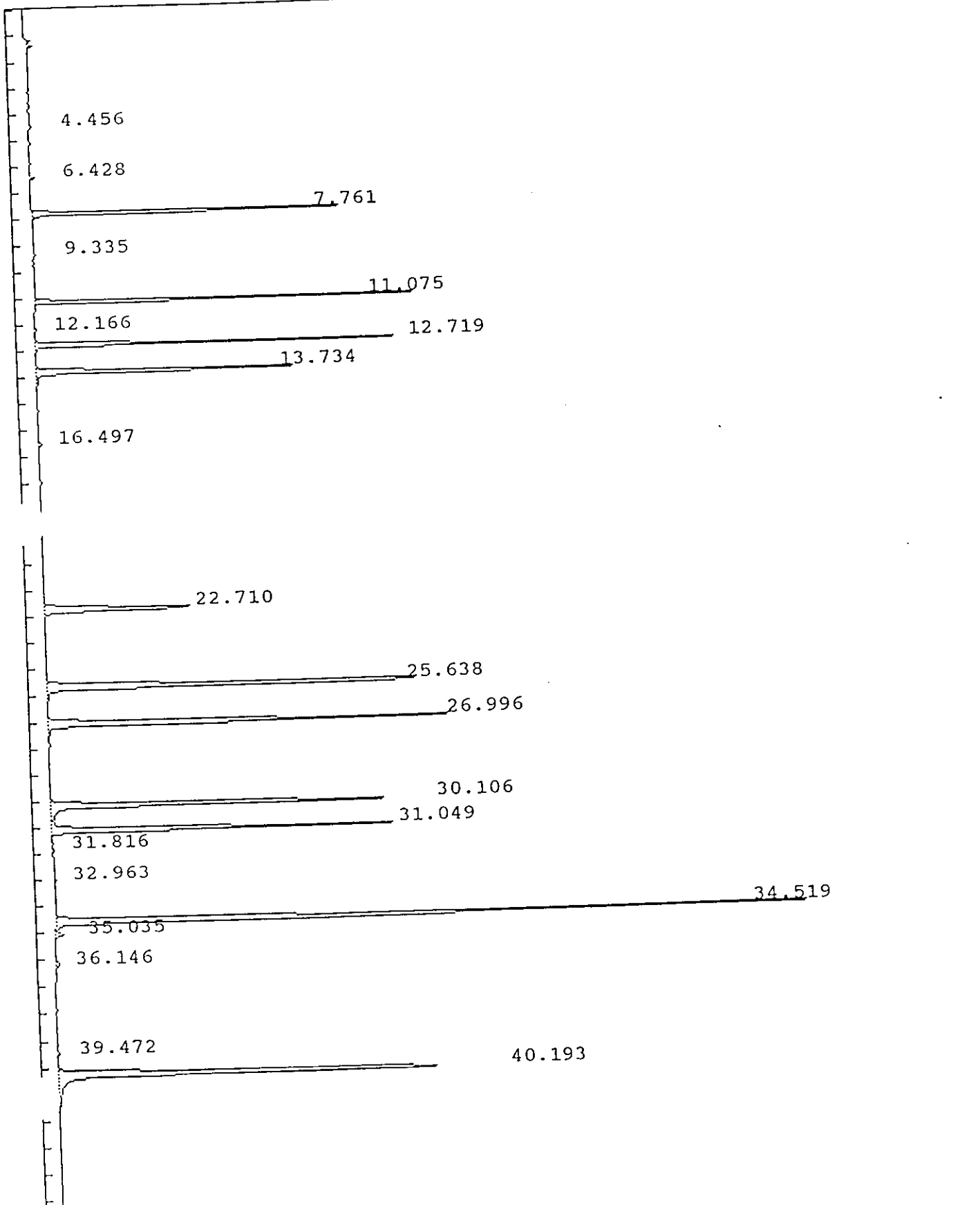
Inj on 1237 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAH6
Result File : /DATA/LOOP/RESULT/B5044015.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1237 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAH6
 Result File : /DATA/LOOP/RESULT/B5044015.RES
 Column Type : DB-1701 30 Meter,0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1237 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 15 Bottle no. : 15

Report No : 271.01

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.46		.055360	5109	BB	0.0000	
2	6.43		.063229	11148	BB	0.0000	
3	7.76	7.76	.072915	931043	BB	.7525	Tetrachloro-m-xylene
4	9.33		.070814	8199	BB	0.0000	
5	11.07	11.07	.067938	960674	BV	1.0958	alpha-BHC
6	12.17		.081986	5454	BB	0.0000	
7	12.72	12.72	.082998	949745	BB	1.0359	gamma-BHC (Lindane)
8	13.73	13.73	.107189	881112	BB	.7694	Heptachlor
9	16.50		.137476	15072	BB	0.0000	
10	22.71	22.71	.163783	717311	BB	.8299	Endosulfan I
11	25.64	25.64	.139841	1690840	BB	1.8899	Dieldrin
12	27.00	27.00	.134596	1560353	BB	1.8332	Endrin
13	30.11	30.11	.127028	1349550	BV	1.8149	4,4'-DDD
14	31.05	31.05	.121269	1231532	VV	1.7456	4,4'-DDT
15	31.82		.179120	12280	VV	0.0000	
16	32.96		.248756	11745	VB	0.0000	
17	34.52	34.52	.116785	2653938	BV	7.3103	Methoxychlor
18	35.03		.126151	33025	VB	0.0000	
19	36.15	36.14	.158799	17861	BV	.0234	Endrin ketone
20	39.47		.123923	9342	BB	0.0000	
21	40.19	#40.19	.149299	1877143	BB	1.5308	Decachlorobiphenyl

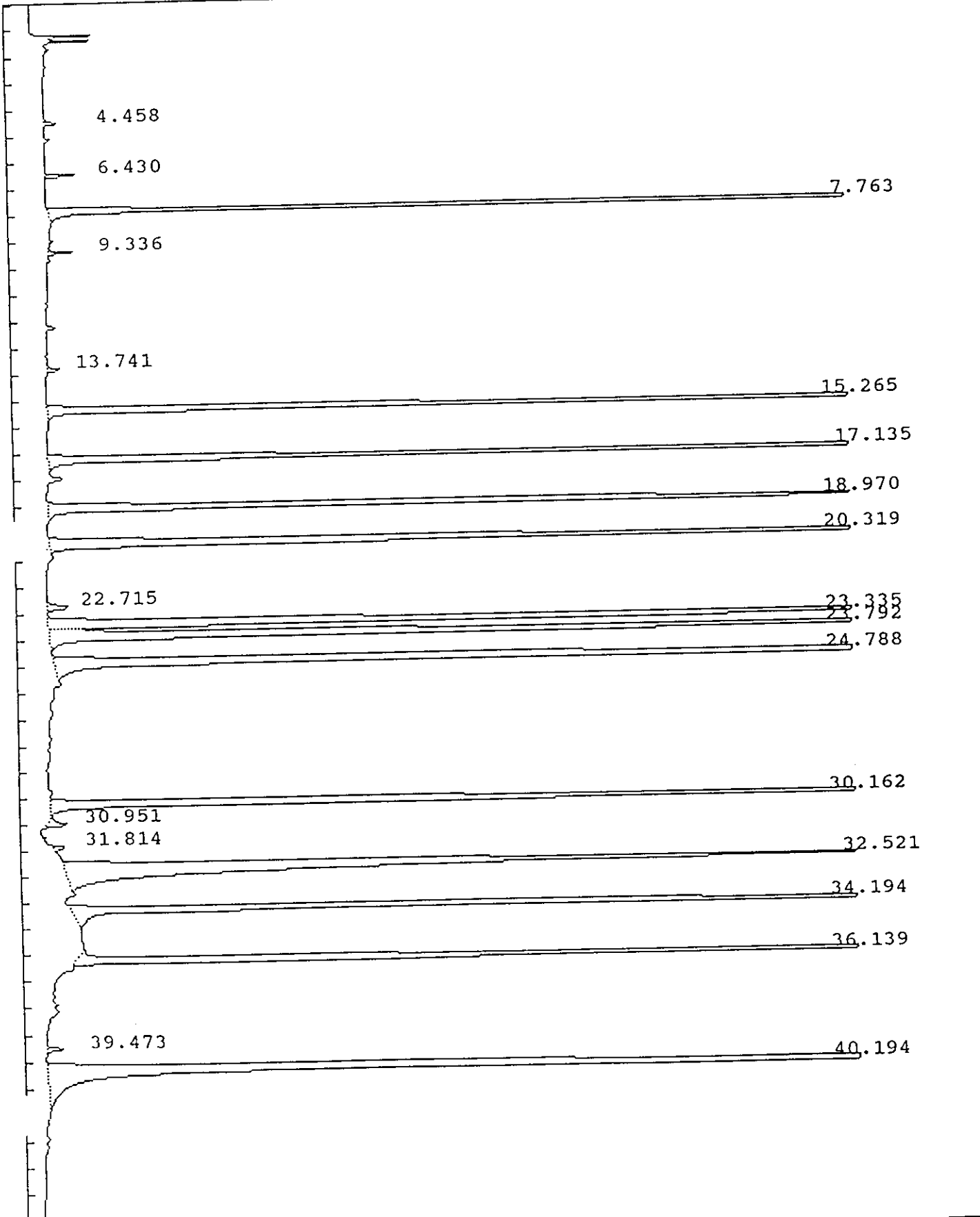
Total Area : 14932476 Total PPB : 20.632

Report Time : 1228 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044015.RES

IEA Pesticide Standard Report

Sample Name : INDBHC6
Result File : /DATA/LOOP/RESULT/B5044016.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

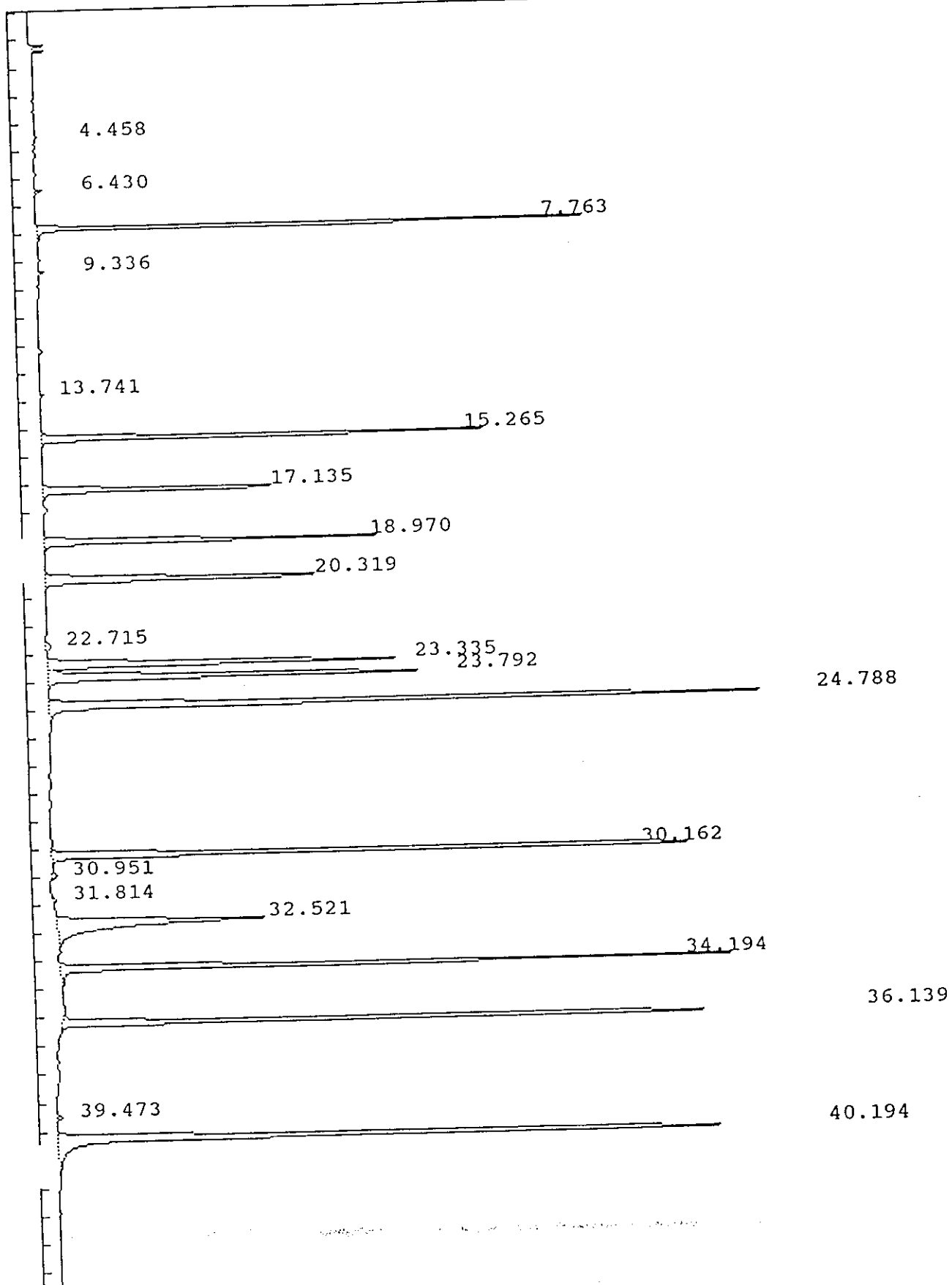
Inj on 1331 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBHC6
Result File : /DATA/LOOP/RESULT/B5044016.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1331 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBHC6 Report No : 272.11
 Result File : /DATA/LOOP/RESULT/B5044016.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1331 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 16 Bottle no. : 16

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.46		.053503	4982	BB	0.0000	
2	6.43		.063361	11879	BB	0.0000	
3	7.76	7.76	.072002	1007790	BB	.8145	Tetrachloro-m-xylene
4	9.34		.071084	9016	BB	0.0000	
5	13.74	13.73	.102614	6532	BB	.0057	Heptachlor
6	15.26	15.26	.111874	937766	BB	1.0210	Aldrin
7	17.13	17.13	.131585	581004	BB	.8652	beta-BHC
8	18.97	18.97	.138682	778727	BB	1.0640	delta-BHC
9	20.32	20.32	.170540	803147	BV	.8562	Heptachlor epoxide
10	22.72	22.71	.170830	16540	BB	.0191	Endosulfan I
11	23.33	23.34	.162453	957670	BV	.8095	gamma-Chlordane
12	23.79	23.79	.159641	1041749	VV	.8317	alpha-Chlordane
13	24.79	24.79	.146619	1859517	PV	2.0237	4,4'-DDE
14	30.16	30.16	.120765	1576612	BB	1.8429	Endosulfan II
15	30.95		.151143	13744	BB	0.0000	
16	31.81		.122949	7390	BV	0.0000	
17	32.52	32.52	.264436	903947	BB	1.6007	Endrin aldehyde
18	34.19	34.19	.113289	1401707	BB	1.9216	Endosulfan sulfate
19	36.14	36.14	.109482	1463612	BV	1.9204	Endrin ketone
20	39.47		.121709	9434	BB	0.0000	
21	40.19	#40.19	.149819	1892974	BB	1.5438	Decachlorobiphenyl

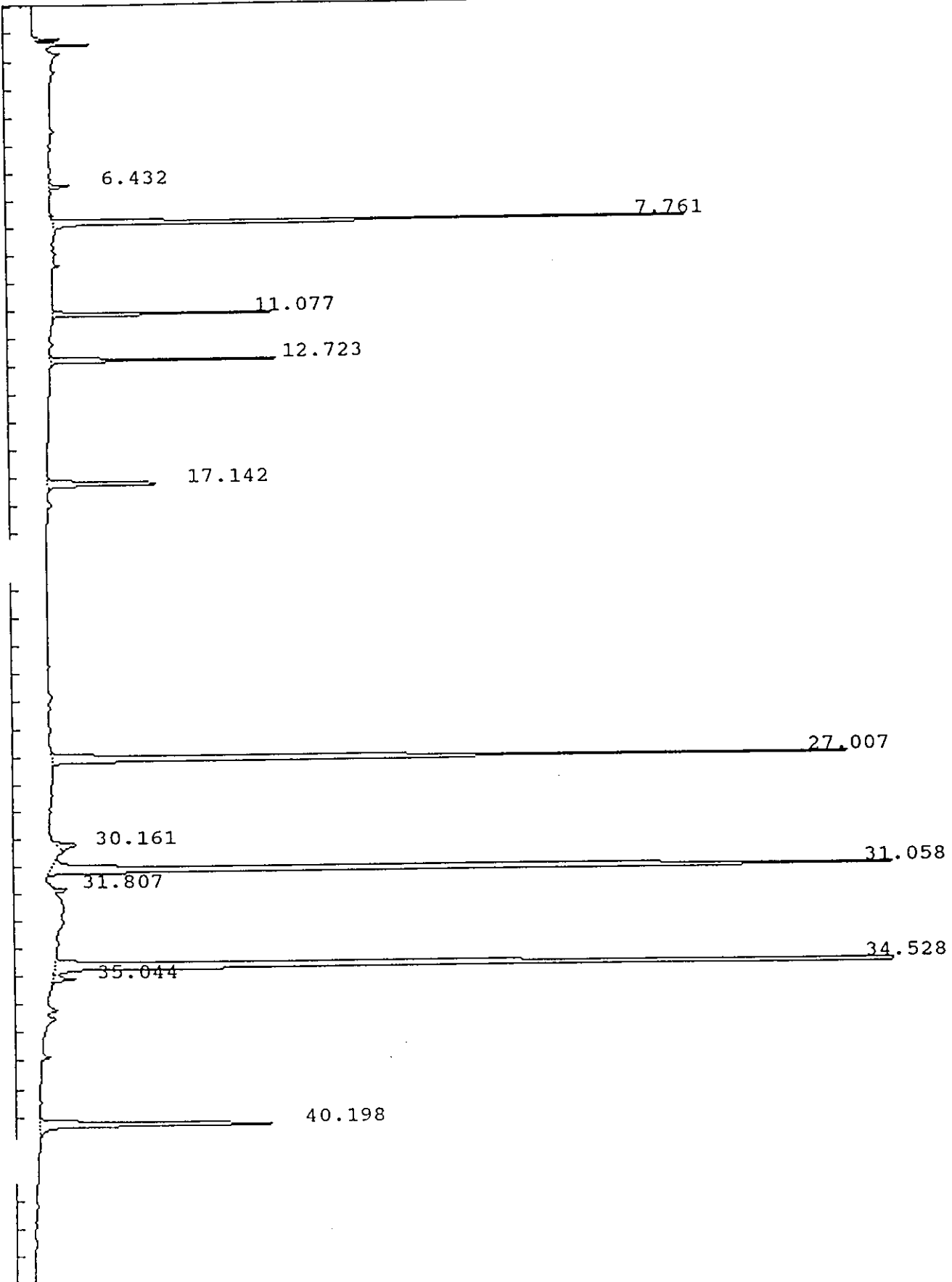
Total Area : 15285742 Total PPB : 17.140

Report Time : 1230 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044016.RES

IEA Pesticide Standard Report

Sample Name : PEML2
Result File : /DATA/LOOP/RESULT/B5044018.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1638 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul

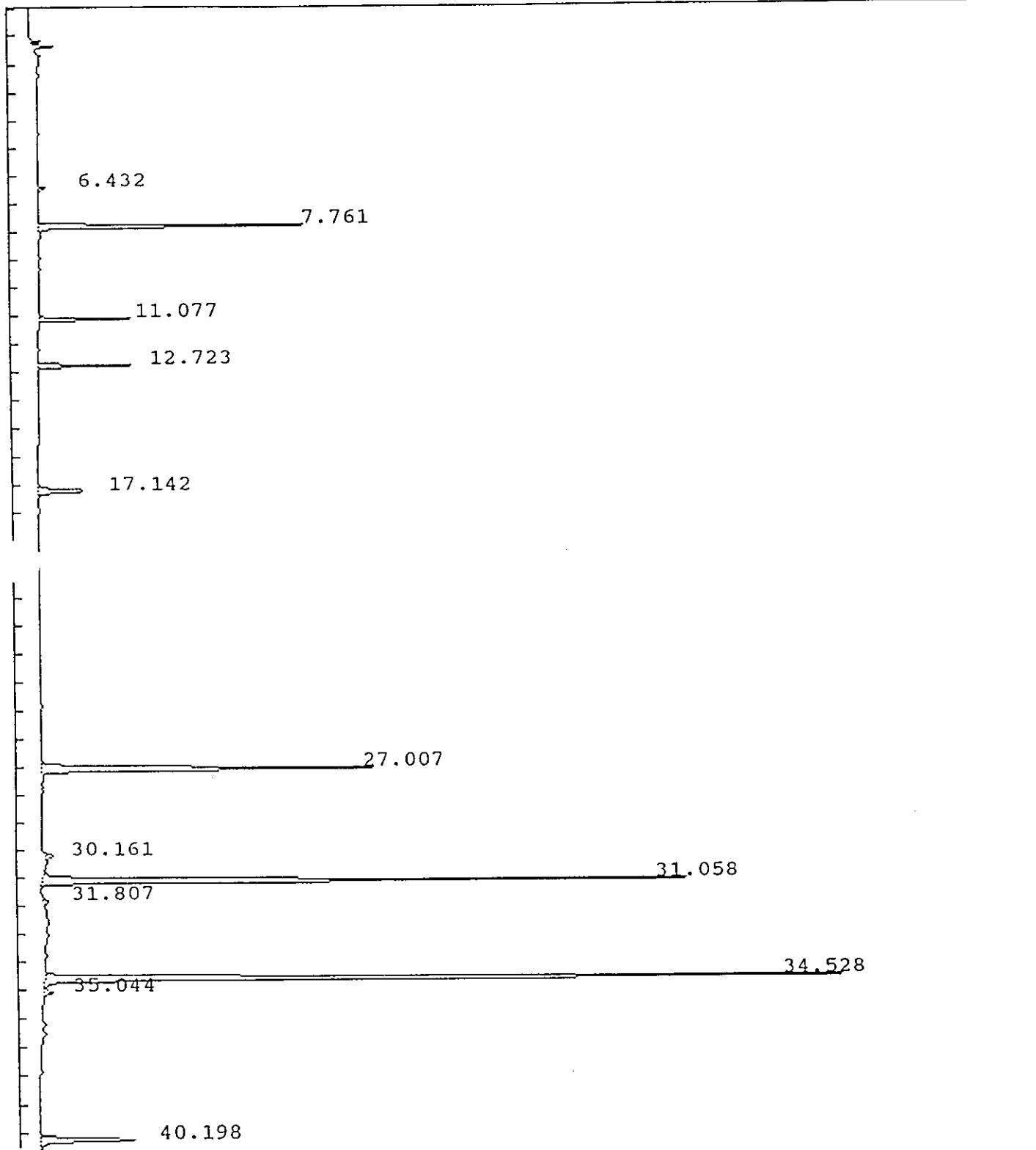


1271

IEA Pesticide Standard Report

Sample Name : PEML2
Result File : /DATA/LOOP/RESULT/B5044018.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1638 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEML2 Report No : 276.11
 Result File : /DATA/LOOP/RESULT/B5044018.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1638 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 18 Bottle no. : 18

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.063294	7917	BB	0.0000	
2	7.76	7.76	.084239	275894	BB	.2230	Tetrachloro-m-xylene
3	11.08	11.07	.066560	80894	BB	.0923	alpha-BHC
4	12.72	12.72	.082911	83554	BB	.0911	gamma-BHC (Lindane)
5	17.14	17.13	.133730	67621	BB	.1007	beta-BHC
6	27.01	27.00	.132199	429391	BB	.5045	Endrin
7	30.16	30.16	.187182	15427	BB	.0180	Endosulfan II DDD
8	31.06	31.05	.119663	764466	BV	1.0836	4,4'-DDT
9	31.81		.126430	7896	PB	0.0000	
10	34.53	34.52	.117799	990393	BV	2.7280	Methoxychlor
11	35.04		.127381	11717	VB	0.0000	
12	40.20	#40.19	.143530	145453	BB	.1186	Decachlorobiphenyl

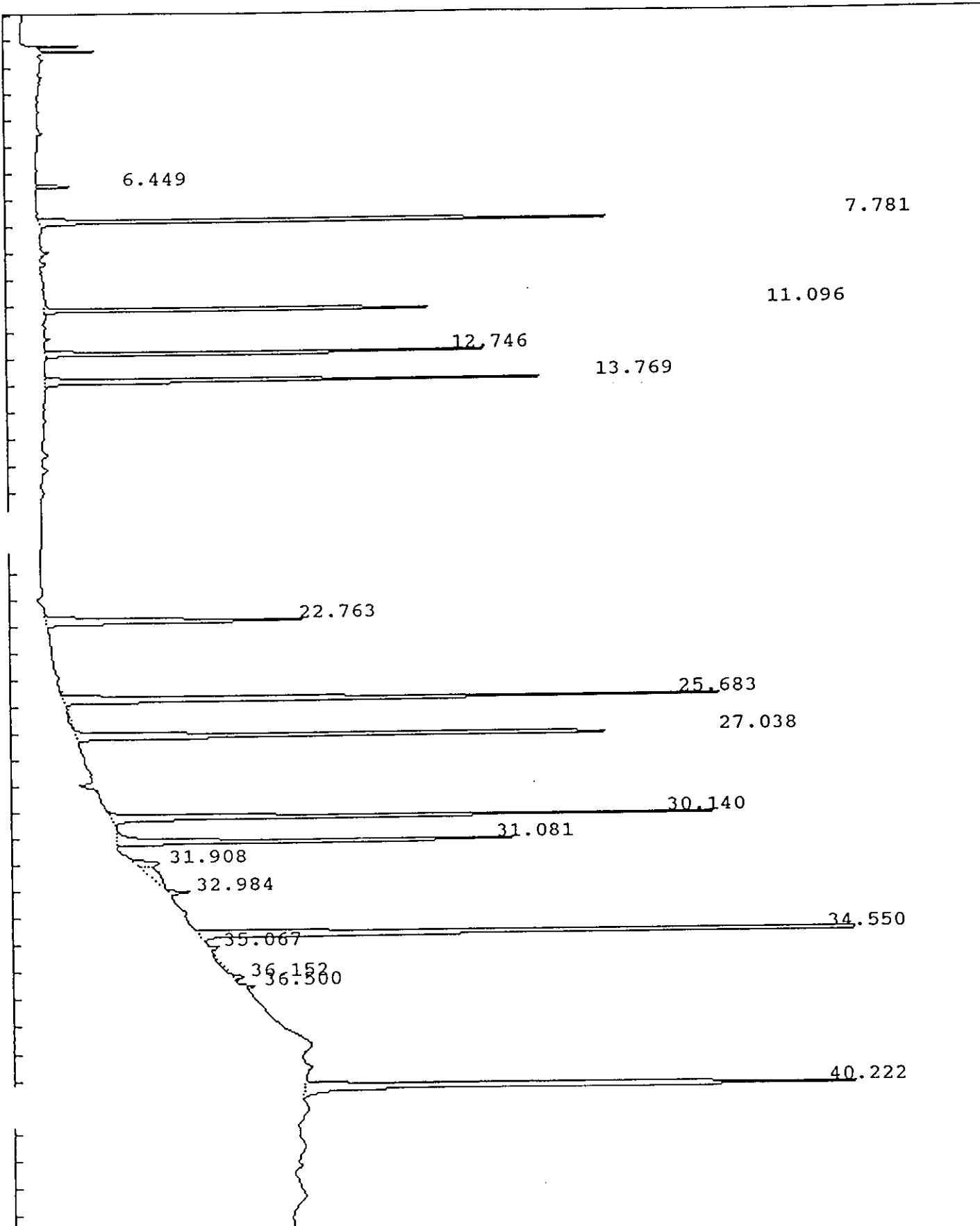
Total Area : 2880623 Total PPB : 4.960

Report Time : 1233 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044018.RES

IEA Pesticide Standard Report

Sample Name : INDAMH2
Result File : /DATA/LOOP/RESULT/B5044031.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

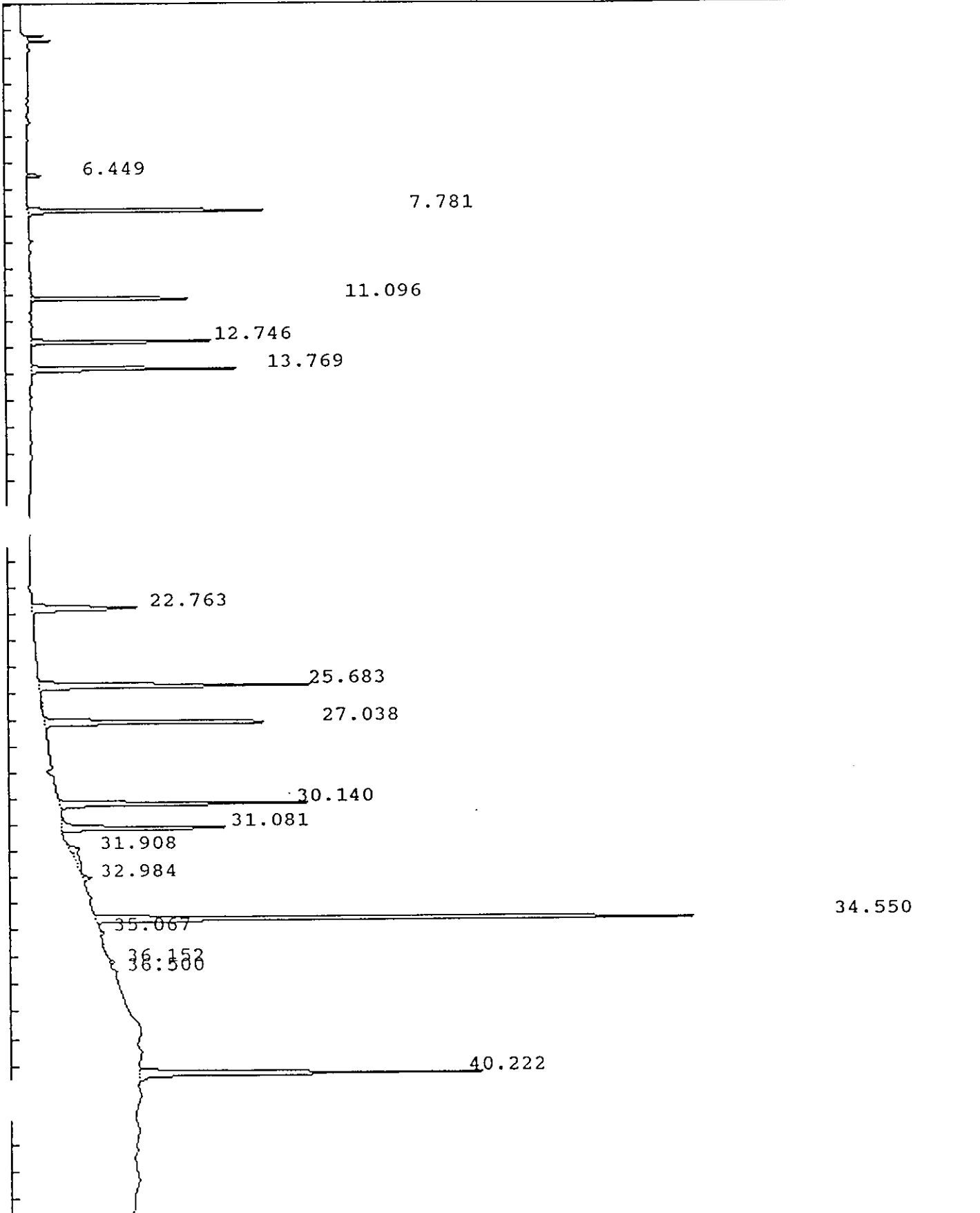
Inj on 0538 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAMH2
Result File : /DATA/LOOP/RESULT/B5044031.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 0538 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAMH2 Report No : 289.10
 Result File : /DATA/LOOP/RESULT/B5044031.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0538 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 31 Bottle no. : 31

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.45		.062761	14325	BB	0.0000	
2	7.78	7.76	.076398	272549	BB	.2203	✓ Tetrachloro-m-xylene
3	11.10	11.07	.062681	181640	BV	.2072	✓ alpha-BHC
4	12.75	12.72	.078292	190148	BB	.2074	✓ gamma-BHC (Lindane)
5	13.77	13.73	.105644	236406	BB	.2064	✓ Heptachlor
6	22.76	22.71	.168002	172788	BB	.1999	✓ Endosulfan I
7	25.68	25.64	.135299	368034	BB	.4114	✓ Dieldrin
8	27.04	27.00	.128410	326428	BB	.3835	✓ Endrin
9	30.14	30.16	.117792	310754	BB	.3632	✓ Endosulfan II <i>200</i>
10	31.08	31.05	.123721	231206	BV	.3277	✓ 4,4'-DDT <i>Br</i>
11	31.91		.235604	23162	BV	0.0000	
12	32.98		.468013	41663	VB	0.0000	
13	34.55	34.52	.110204	786688	BV	2.1669	✓ Methoxychlor
14	35.07		.109601	5716	VB	0.0000	
15	36.15	36.14	.009515	444	BV	.0006	Endrin ketone
16	36.50		.106712	4728	PB	0.0000	
17	40.22	#40.19	.137266	465633	BV	.3797	✓ Decachlorobiphenyl

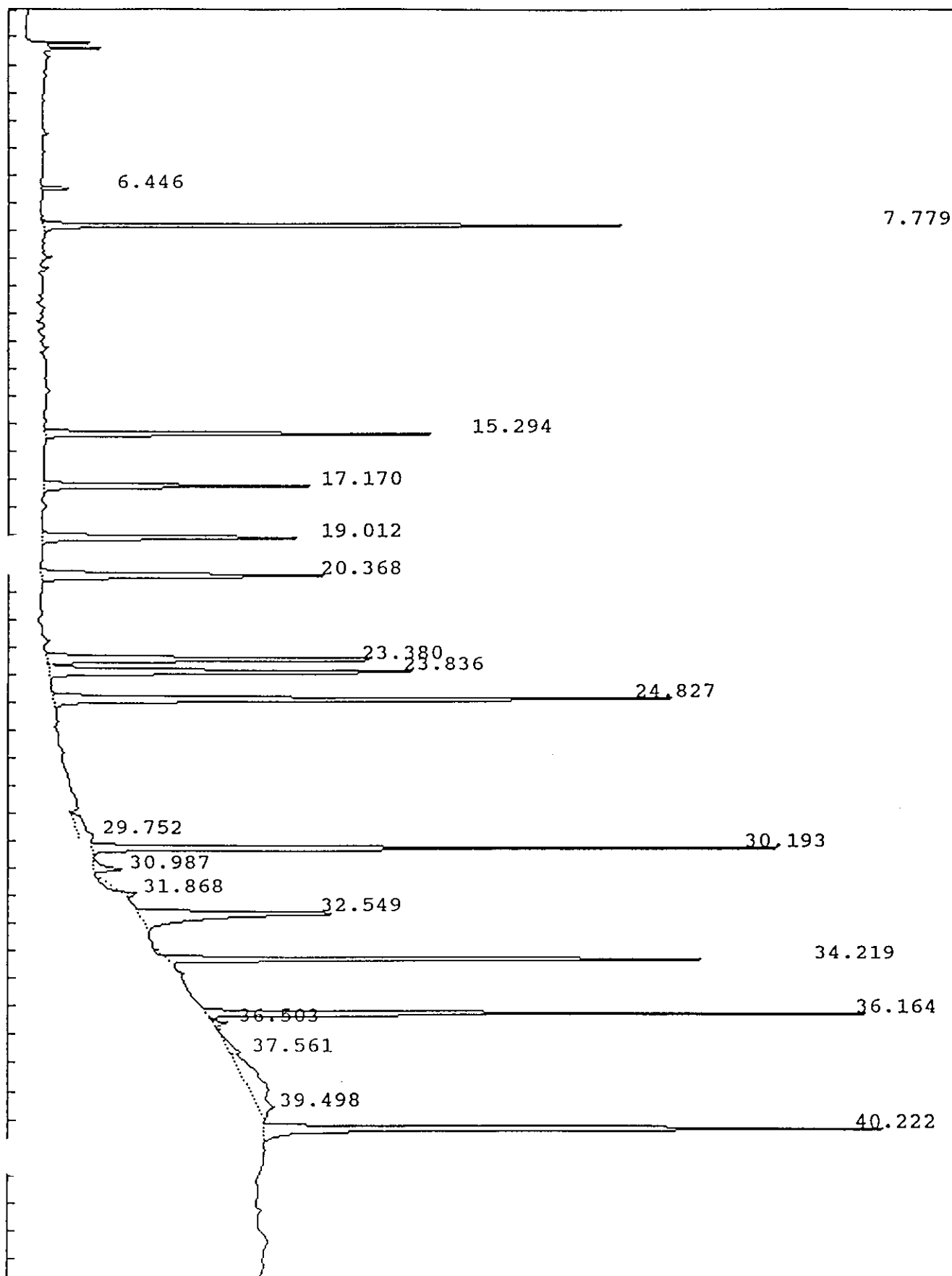
Total Area : 3632311 Total PPB : 5.074

Report Time : 0902 10Mar1993
 Method : /DATA/LOOP/METHOD/B5044_031.MT
 Result File : /DATA/LOOP/RESULT/B5044031.RES

IEA Pesticide Standard Report

Sample Name : INDBMH2
Result File : /DATA/LOOP/RESULT/B5044032.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0632 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBMH2 Report No : 290.10
 Result File : /DATA/LOOP/RESULT/B5044032.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0632 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 32 Bottle no. : 32

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.45		.063063	11456	BB	0.0000	
2	7.78	7.76	.071153	261761	BB	.2116	✓ Tetrachloro-m-xylene
3	15.29	15.26	.114623	188217	BB	.2049	✓ Aldrin
4	17.17	17.13	.130707	137632	BB	.2049	✓ beta-BHC
5	19.01	18.97	.144095	151745	BB	.2073	✓ delta-BHC
6	20.37	20.32	.178266	193111	BB	.2059	✓ Heptachlor epoxide
7	23.38	23.34	.166653	232430	BV	.1965	✓ gamma-Chlordane
8	23.84	23.79	.163212	242799	VB	.1939	✓ alpha-Chlordane
9	24.83	24.79	.147694	372059	BB	.4049	✓ 4,4'-DDE
10	29.75		.658877	39769	PB	0.0000	
11	30.19	30.16	.118198	324022	BV	.3787	✓ Endosulfan II
12	30.99	31.05	.193518	21157	VB	.0300	✓ 4,4'-DDT
13	31.87		.011881	709	BV	0.0000	
14	32.55	32.52	.243322	198182	BB	.3509	✓ Endrin aldehyde
15	34.22	34.19	.105727	267677	BB	.3670	✓ Endosulfan sulfate
16	36.16	36.14	.102830	281312	BV	.3691	✓ Endrin ketone
17	36.50		.146212	9008	PB	0.0000	
18	37.56		.395274	16718	BV	0.0000	
19	39.50		1.882949	116720	VB	0.0000	
20	40.22	#40.19	.136724	450318	BB	.3672	✓ Decachlorobiphenyl

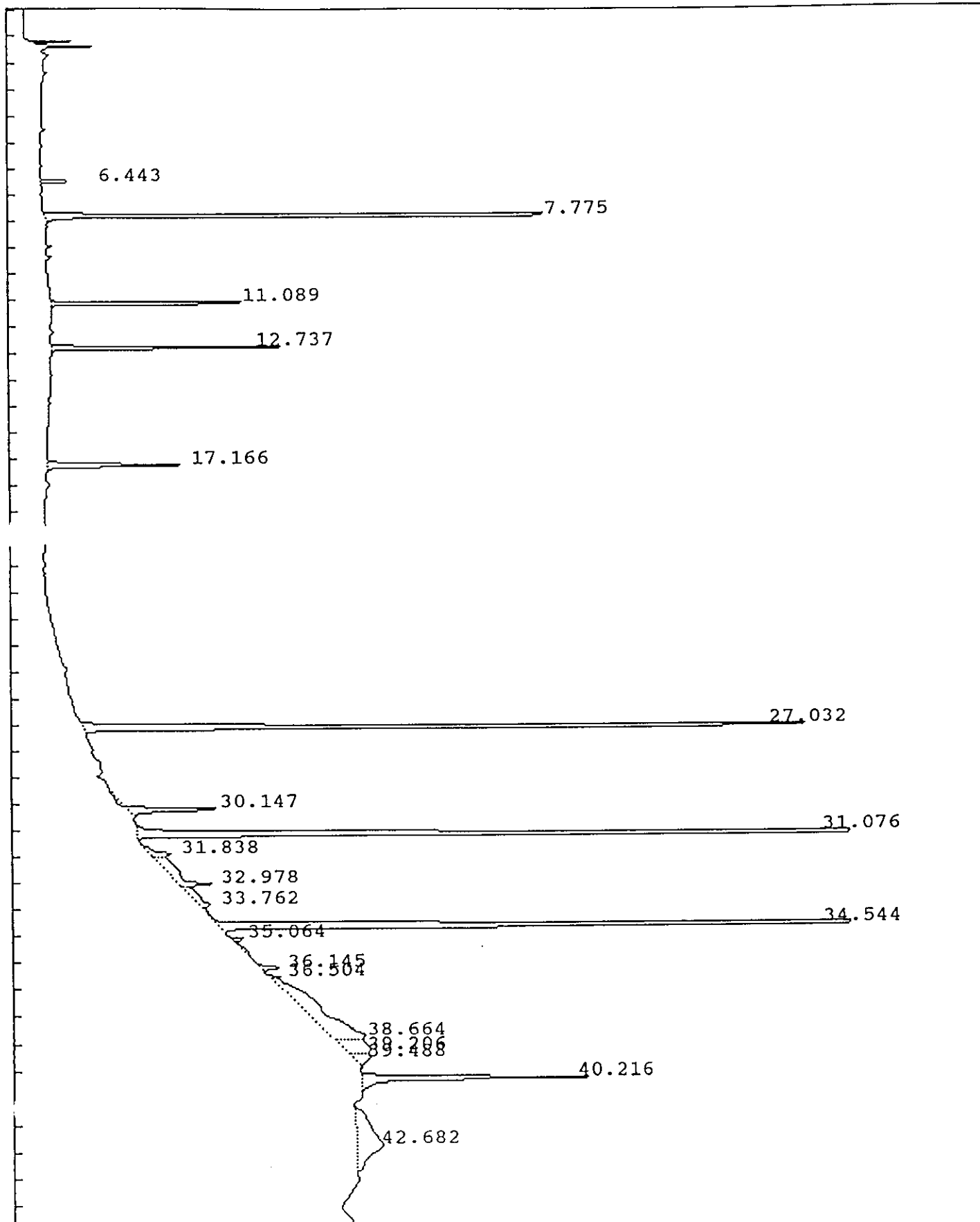
Total Area : 3516801 Total PPB : 3.693

Report Time : 0906 10Mar1993
 Method : /DATA/LOOP/METHOD/B5044_032.MT
 Result File : /DATA/LOOP/RESULT/B5044032.RES

IEA Pesticide Standard Report

Sample Name : PEML3
Result File : /DATA/LOOP/RESULT/B5044044.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

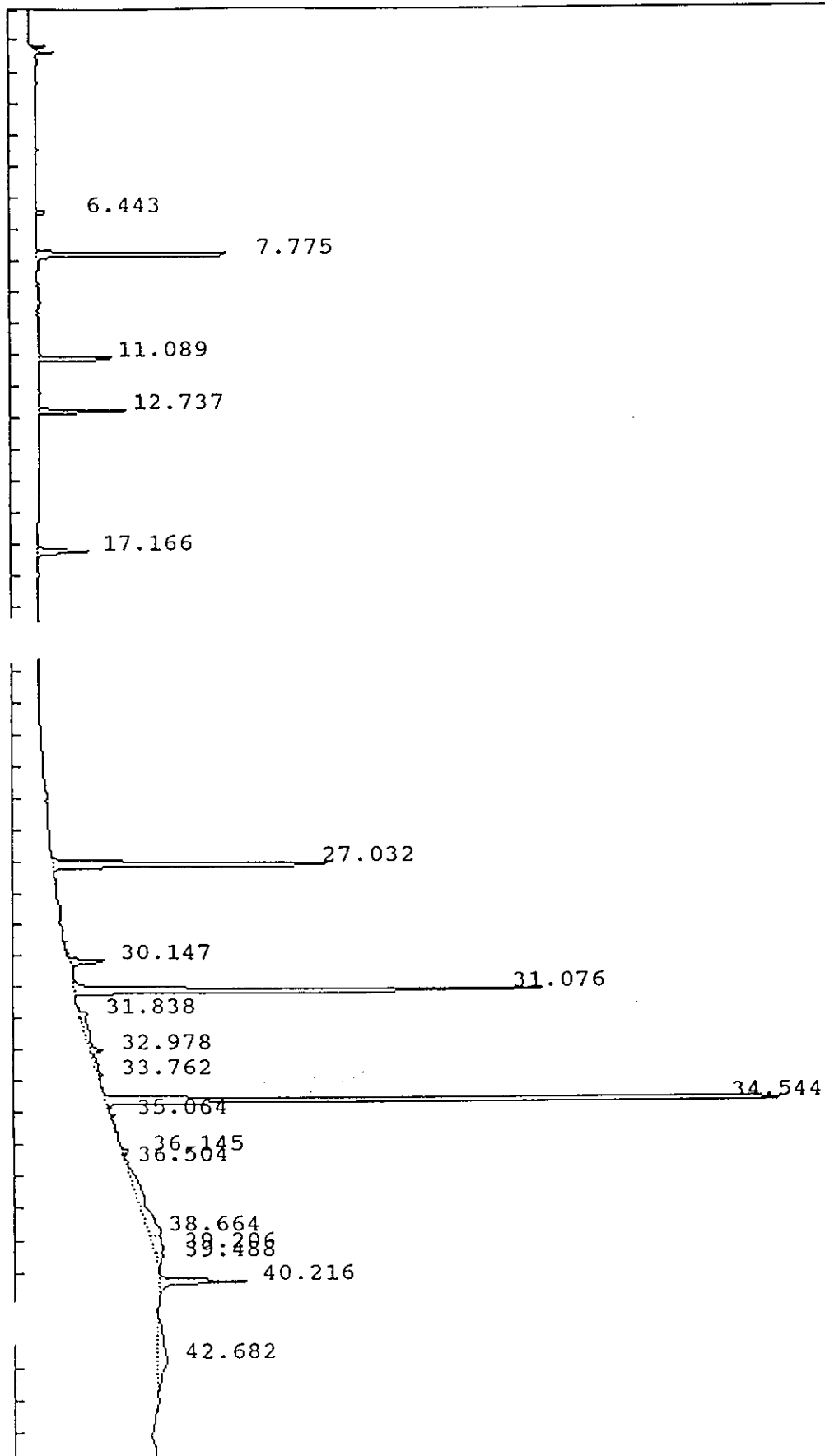
Inj on 1729 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEML3
Result File : /DATA/LOOP/RESULT/B5044044.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1729 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEML3 Report No : 302.00
 Result File : /DATA/LOOP/RESULT/B5044044.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1729 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 44 Bottle no. : 44

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.44		.062452	12682	BB	0.0000	
2	7.77	7.76	.075097	270118	BB	.2183	Tetrachloro-m-xylene
3	11.09	11.07	.064642	88251	BB	.1007	alpha-BHC
4	12.74	12.72	.080027	89945	BB	.0981	gamma-BHC (Lindane)
5	17.17	17.13	.128298	70810	BB	.1054	beta-BHC
6	27.03	27.00	.128754	432889	BB	.5086	Endrin
7	30.15	30.16	.127775	51711	BB	.0604	Endosulfan II DDD
8	31.08	31.05	.116217	637463	BB	.9036	4,4'-DDT
9	31.84		.234131	21096	BV	0.0000	
10	32.98		.425224	59388	VV	0.0000	
11	33.76		.619017	28784	VV	0.0000	
12	34.54	34.52	.110224	1020682	VV	2.8115	Methoxychlor
13	35.06		.099529	6321	PV	0.0000	
14	36.15	36.14	.230521	18960	VV	.0249	Endrin ketone
15	36.50		.123021	5288	PV	0.0000	
16	38.66		1.322656	180715	VV	0.0000	
17	39.21		.567157	57169	VV	0.0000	
18	39.49		.275377	19086	VB	0.0000	
19	40.22	#40.19	.145679	134943	BB	.1100	Decachlorobiphenyl
20	42.68		1.214033	122370	BB	0.0000	

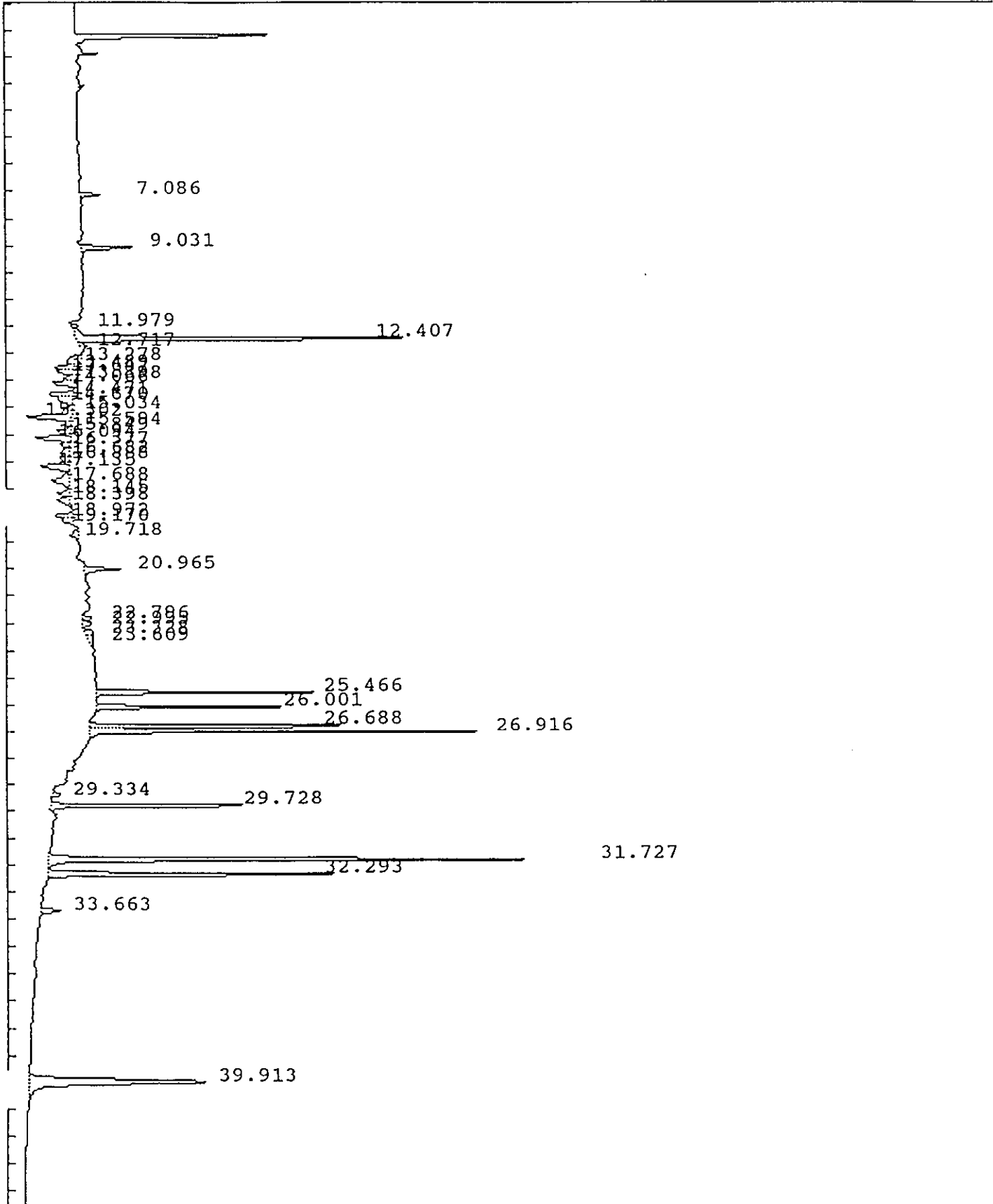
Total Area : 3328673 Total PPB : 4.942

Report Time : 1821 10Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044044.RES

IEA Pesticide Standard Report

1281

Sample Name : RESC17 Inj on 1641 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213002.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

1282

Sample Name : RESC17
 Result File : /DATA/LOOP/RESULT/A1213002.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1641 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 2 Bottle no. : 2

Report No :229.11
 Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.099967	49900	BB	0.0000	
2	9.03		.118267	142596	BB	0.0000	
3	11.98		.153111	24882	PV	0.0000	
4	12.41	12.40	.116076	898509	VV	.1844	Tetrachloro-m-xylene
5	12.72		.144218	21247	PB	0.0000	
6	13.28		.291838	81690	BV	0.0000	
7	13.49		.157639	82246	PV	0.0000	
8	13.65		.154857	71267	PV	0.0000	
9	13.90		.132726	36223	PV	0.0000	
10	14.07		.162695	85335	PB	0.0000	
11	14.47		.156460	83515	BV	0.0000	
12	14.67		.207873	71726	PV	0.0000	
13	15.03		.150549	30790	PV	0.0000	
14	15.30		.204493	185407	PV	0.0000	
15	15.59		.130867	17001	PB	0.0000	
16	15.85		.135373	41767	BV	0.0000	
17	16.09		.173993	127428	PV	0.0000	
18	16.38		.163089	31653	PV	0.0000	
19	16.68		.251236	46770	PV	0.0000	
20	16.89		.167247	30960	PV	0.0000	
21	17.14		.193353	112110	PB	0.0000	
22	17.69		.230931	83878	PV	0.0000	
23	18.15		.136263	33954	PV	0.0000	
24	18.40		.187748	46790	PP	0.0000	
25	18.97		.136613	55582	BV	0.0000	
26	19.17		.137053	34062	PP	0.0000	
27	19.72		.183826	35178	BV	0.0000	
28	20.97		.123459	100966	BB	0.0000	
29	22.80		.100099	24482	BV	0.0000	
30	23.00		.158068	29648	VB	0.0000	
31	23.33		.214537	36616	BV	0.0000	
32	23.61		.395422	42000	VB	0.0000	
33	25.47	25.47	.082057	424345	BV	.0997	gamma-Chlordane
34	26.00	26.00	.077709	348170	BB	.0979	Endosulfan I
35	26.69	26.69	.080072	653883	BV	.1735	4,4'-DDE
36	26.92	26.92	.080376	768041	VB	.1995	Dieldrin
37	29.33		.103369	22752	BB	0.0000	
38	29.73	29.73	.084011	520812	BB	.1789	Endosulfan sulfate
39	31.73	31.74	.108014	1254527	BB	1.0637	Methoxychlor
40	32.29	32.29	.105737	712360	BB	.1878	Endrin ketone

IEA Pesticide Standard Report

1283

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	33.66		.140831	59747	BB	0.0000	
42	39.91	#39.91	.223418	843416	BB	.1736	Decachlorobiphenyl

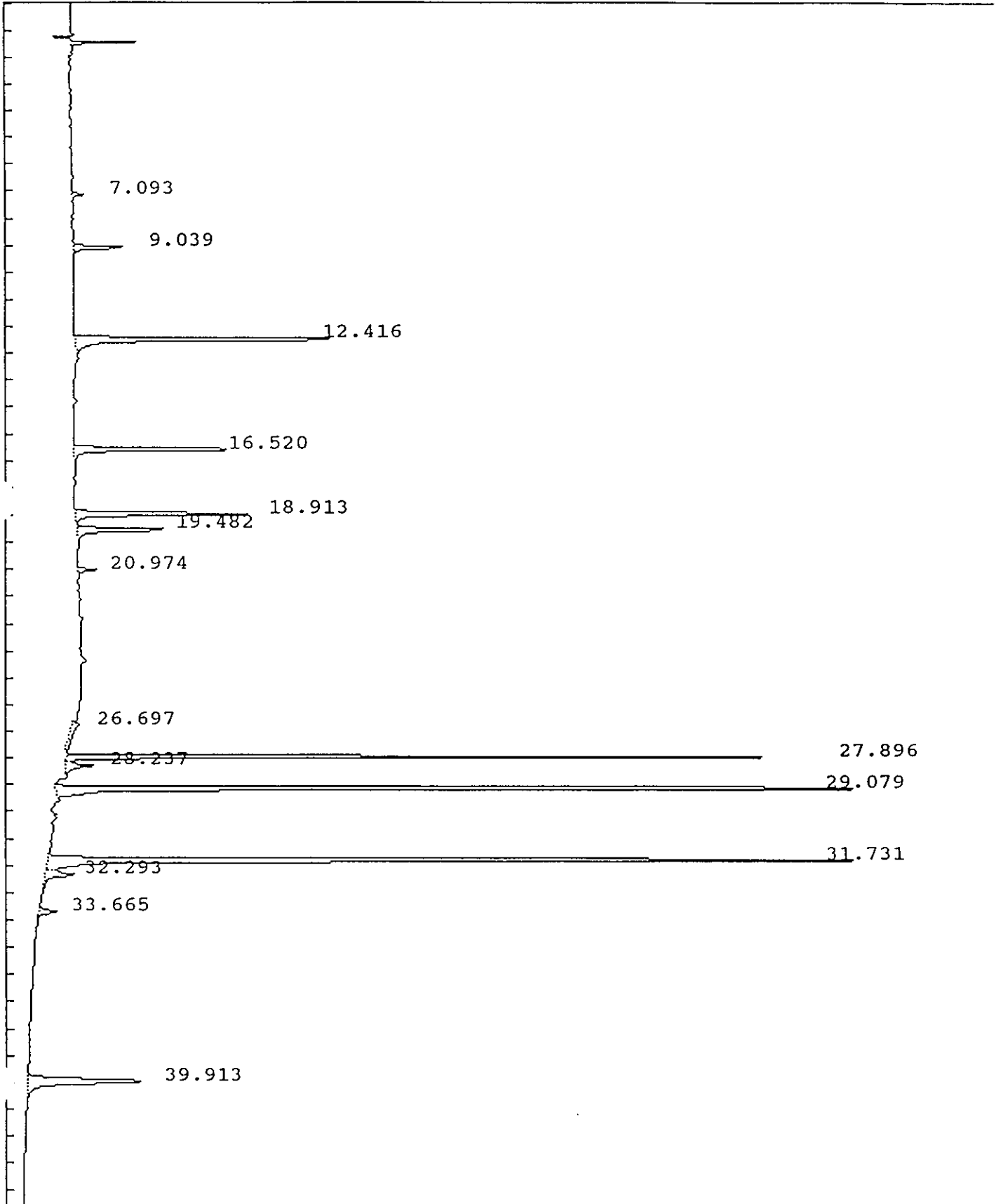
Total Area : 8404236 Total PPB : 2.359

Report Time : 1822 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213002.RES

IEA Pesticide Standard Report

1284

Sample Name : PEM47 Inj on 1743 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213003.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

1285

Sample Name : PEM47 Report No : 230.12
Result File : /DATA/LOOP/RESULT/A1213003.RES
Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
Instrument : HP58901A
Calculation : ExternalSTD
Run Time : 46.25 Mins. Injected on 1743 10Mar1993
Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
Subseq/Sample : 1/ 3 Bottle no. : 3

% Dil-Fact
100.00

Run Status : RunStatusOK

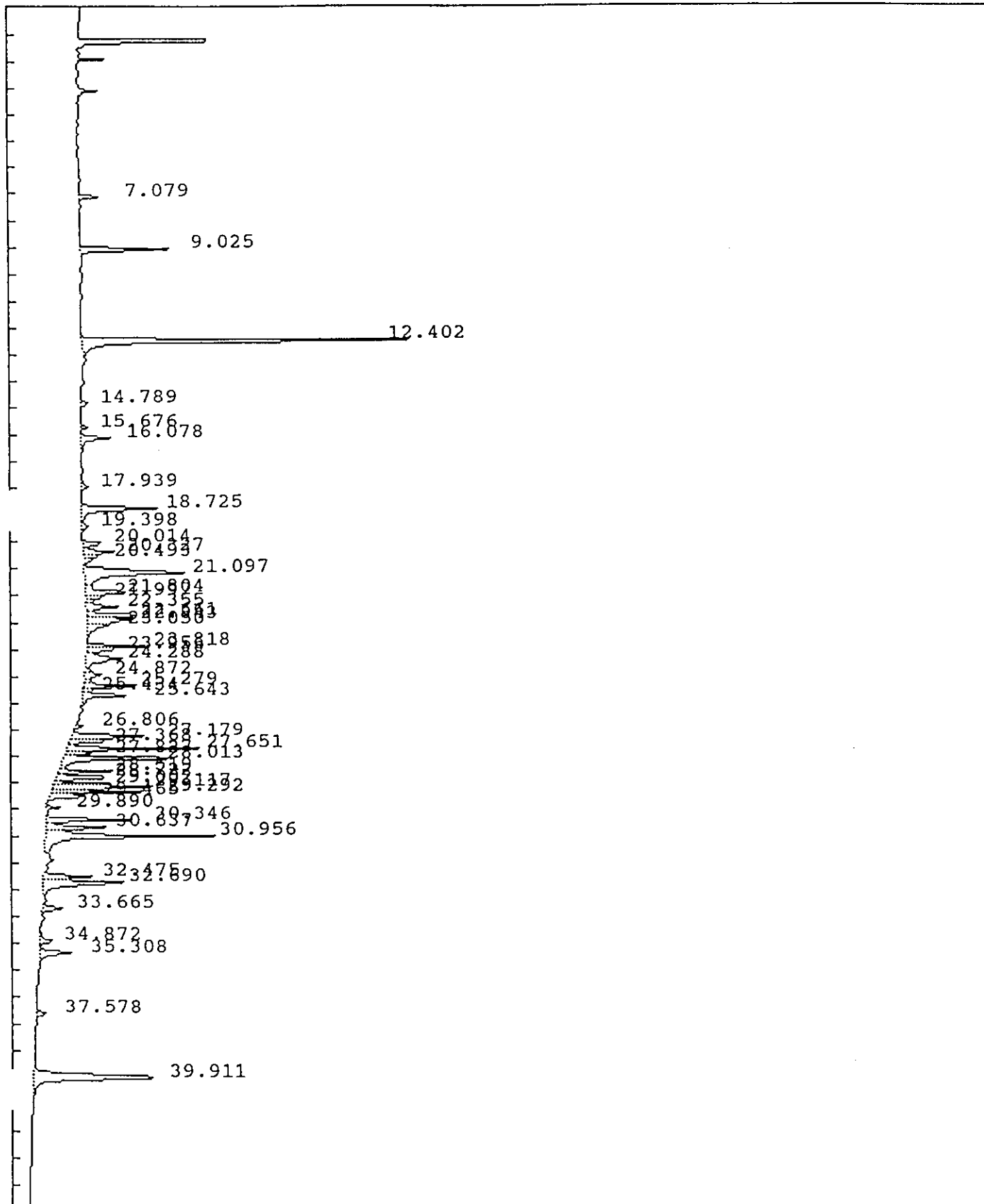
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.097637	27165	BB	0.0000	
2	9.04		.117944	141834	BB	0.0000	
3	12.42	12.40	.126591	850367	BV	.1745	Tetrachloro-m-xylene
4	16.52	16.51	.118527	494245	BB	.0878	alpha-BHC
5	18.91	18.90	.121239	480431	BV	.0870	gamma-BHC (Lindane)
6	19.48	19.47	.133568	283989	VB	.0927	beta-BHC
7	20.97		.112051	45480	BB	0.0000	
8	26.70	26.69	.520336	86965	PB	.0231	4,4'-DDE
9	27.90	27.89	.076183	1434946	BV	.4886	Endrin
10	28.24	28.22	.149184	95650	VB	.0351	4,4'-DDD
11	29.08	29.07	.083355	2724271	PV	1.0033	4,4'-DDT
12	31.73	31.74	.113423	2783537	BV	2.3602	Methoxychlor
13	32.29	32.29	.187969	119468	VB	.0315	Endrin ketone
14	33.67		.138223	54797	BB	0.0000	
15	39.91	#39.91	.229659	554435	BB	.1141	Decachlorobiphenyl

Total Area : 10177582 Total PPB : 4.498

Report Time : 1825 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213003.RES

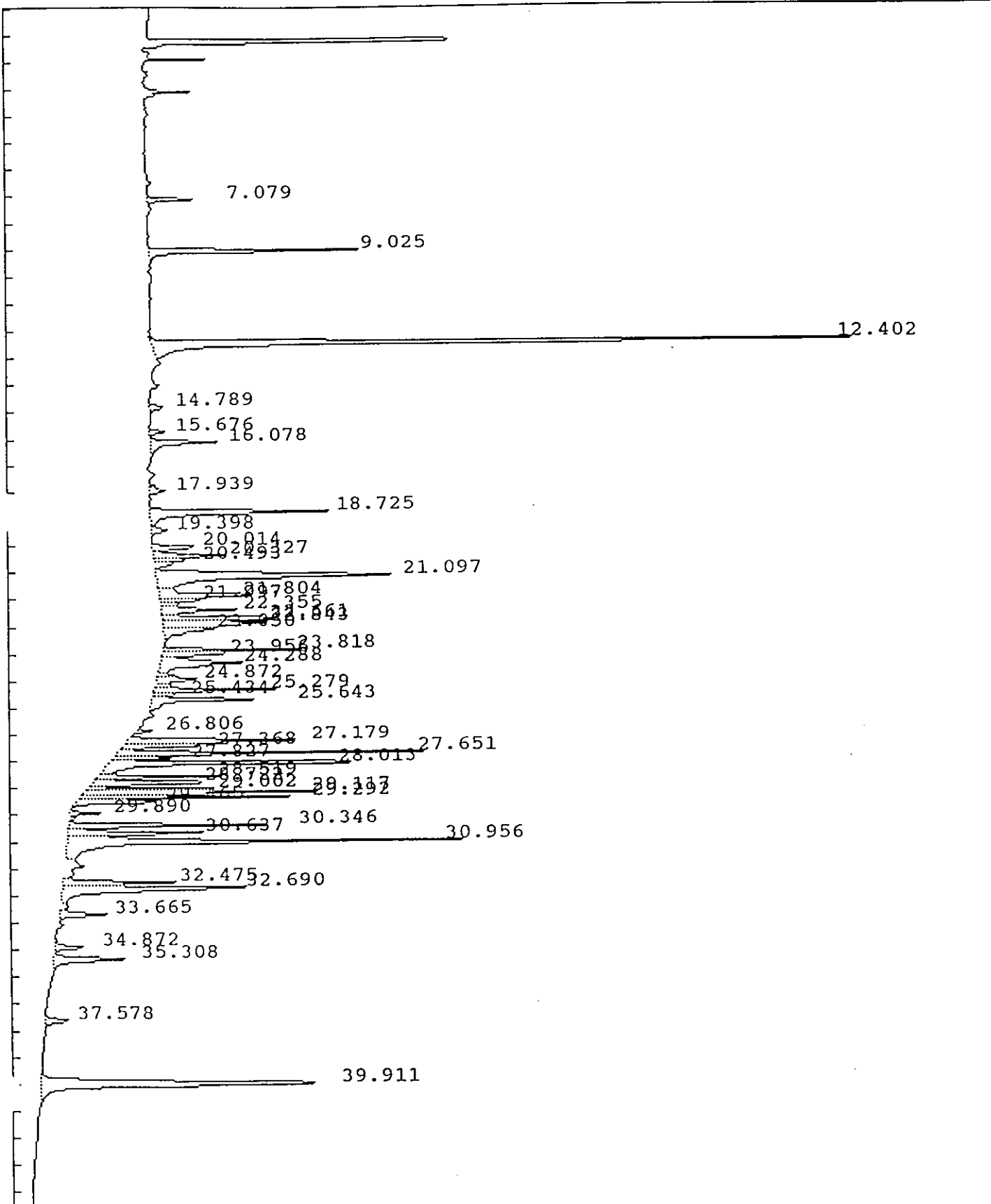
IEA Pesticide Standard Report

Sample Name : AR166057 Inj on 1836 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213004.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR166057 Inj on 1836 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213004.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR166057 Report No : 231.01
 Result File : /DATA/LOOP/RESULT/A1213004.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1836 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 4 Bottle no. : 4

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.100188	50362	BB	0.0000	
2	9.02		.119980	238924	BB	0.0000	
3	12.40	12.40	.125122	946652	BV	.1943	Tetrachloro-m-xylene
4	14.79		.163341	22050	BB	0.0000	
5	15.68		.124501	17829	BV	0.0000	
6	<u>16.08</u>		.159717	101680	VB	0.0000	
7	<u>17.94</u>		.138982	21544	VB	0.0000	
8	<u>18.73</u>		.168279	275124	BV	0.0000	
9	19.40		.169632	23423	VB	0.0000	
10	20.01		.140834	64124	BV	0.0000	
11	20.33		.121976	85041	VV	0.0000	
12	20.49		.121581	37988	VV	0.0000	
13	<u>21.10</u>		.233310	502390	VV	0.0000	
14	21.80		.158455	160380	VV	0.0000	
15	22.00		.125904	49648	VV	0.0000	
16	22.36		.130914	96800	VV	0.0000	
17	22.66	22.68	.129666	154284	VV	.0327	Aldrin
18	22.84		.147020	153970	VV	0.0000	
19	23.05		.166774	86550	VB	0.0000	
20	23.82		.096455	128651	BV	0.0000	
21	23.96		.110595	66160	VV	0.0000	
22	24.29		.206754	168180	VV	0.0000	
23	24.87	24.81	.161354	58503	VV	.0144	Heptachlor epoxide
24	25.28		.090816	114437	VV	0.0000	
25	25.43	25.47	.119142	28687	VV	.0067	gamma-Chlordane
26	25.64		.115145	139494	VV	0.0000	
27	26.81		.072576	12571	BV	0.0000	
28	27.18		.131850	221040	VV	0.0000	
29	27.37		.109034	83013	VV	0.0000	
30	<u>27.65</u>		.089066	277985	VV	0.0000	
31	<u>27.83</u>	27.89	.095270	61027	VV	.0208	Endrin
32	28.01		.105704	356432	VV	0.0000	
33	28.52		.080699	107619	VV	0.0000	
34	28.72		.137806	154774	VV	0.0000	
35	29.00		.085489	137009	VV	0.0000	
36	<u>29.12</u>	29.07	.090947	220278	VV	.0811	4,4'-DDT
37	<u>29.29</u>	29.24	.086397	189223	VV	.0603	Endrin aldehyde
38	29.46		.088635	96508	VV	0.0000	
39	29.89		.087825	27083	PV	0.0000	
40	30.35		.102153	210247	VV	0.0000	

IEA Pesticide Standard Report

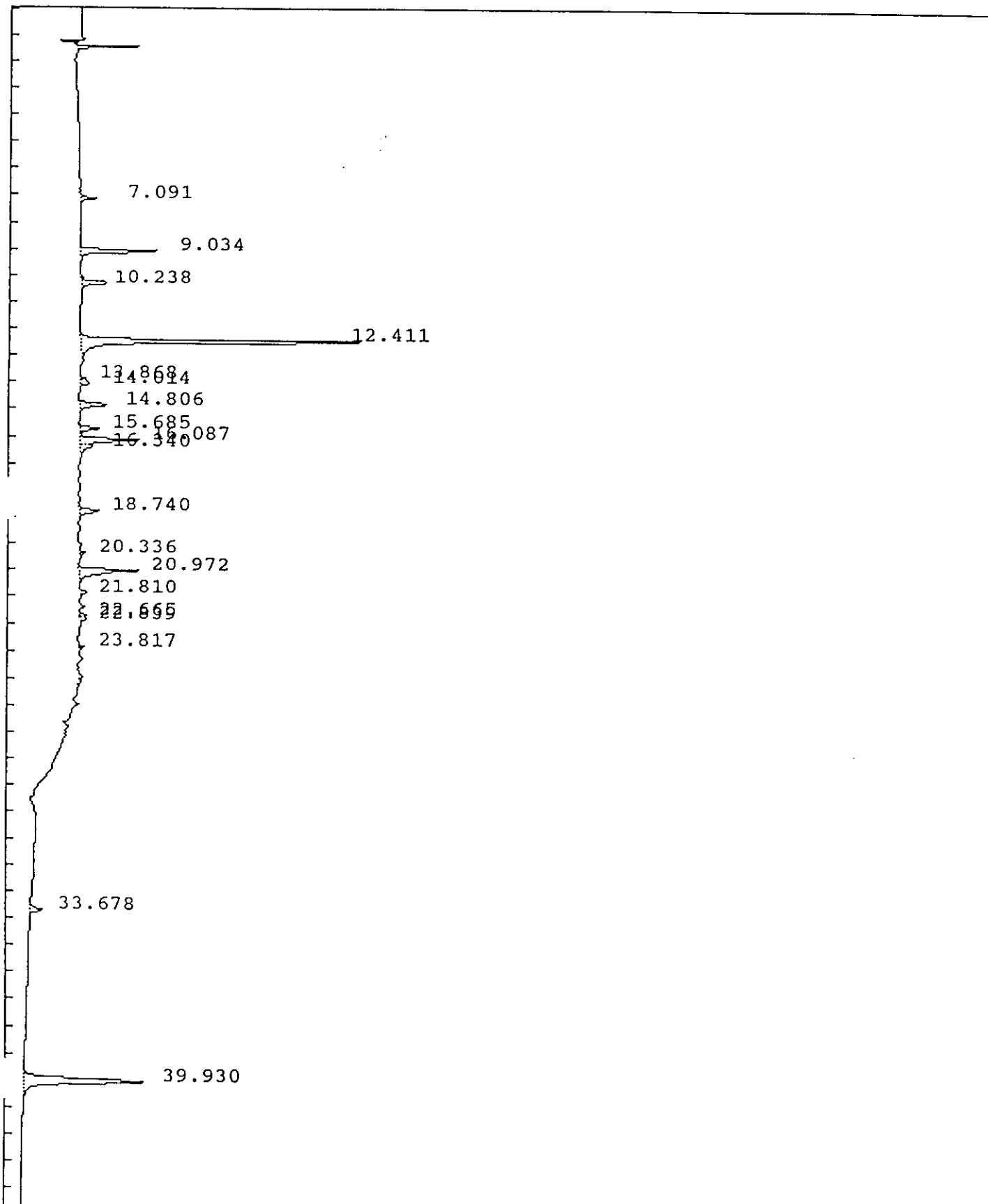
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	30.64		.120562	162440	VV	0.0000	
42	<u>30.96</u>		.149793	565557	VV	0.0000	
43	32.47		.126227	133537	VV	0.0000	
44	32.69		.179376	326415	VV	0.0000	
45	33.66		.147071	62858	VV	0.0000	
46	34.87		.151133	43630	BV	0.0000	
47	35.31		.170880	113573	VB	0.0000	
48	37.58		.178994	37289	BB	0.0000	
49	39.91	#39.91	.223290	576227	BB	.1186	Decachlorobiphenyl

Total Area : 7969212 Total PPB : .529

Report Time : 1831 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213004.RES

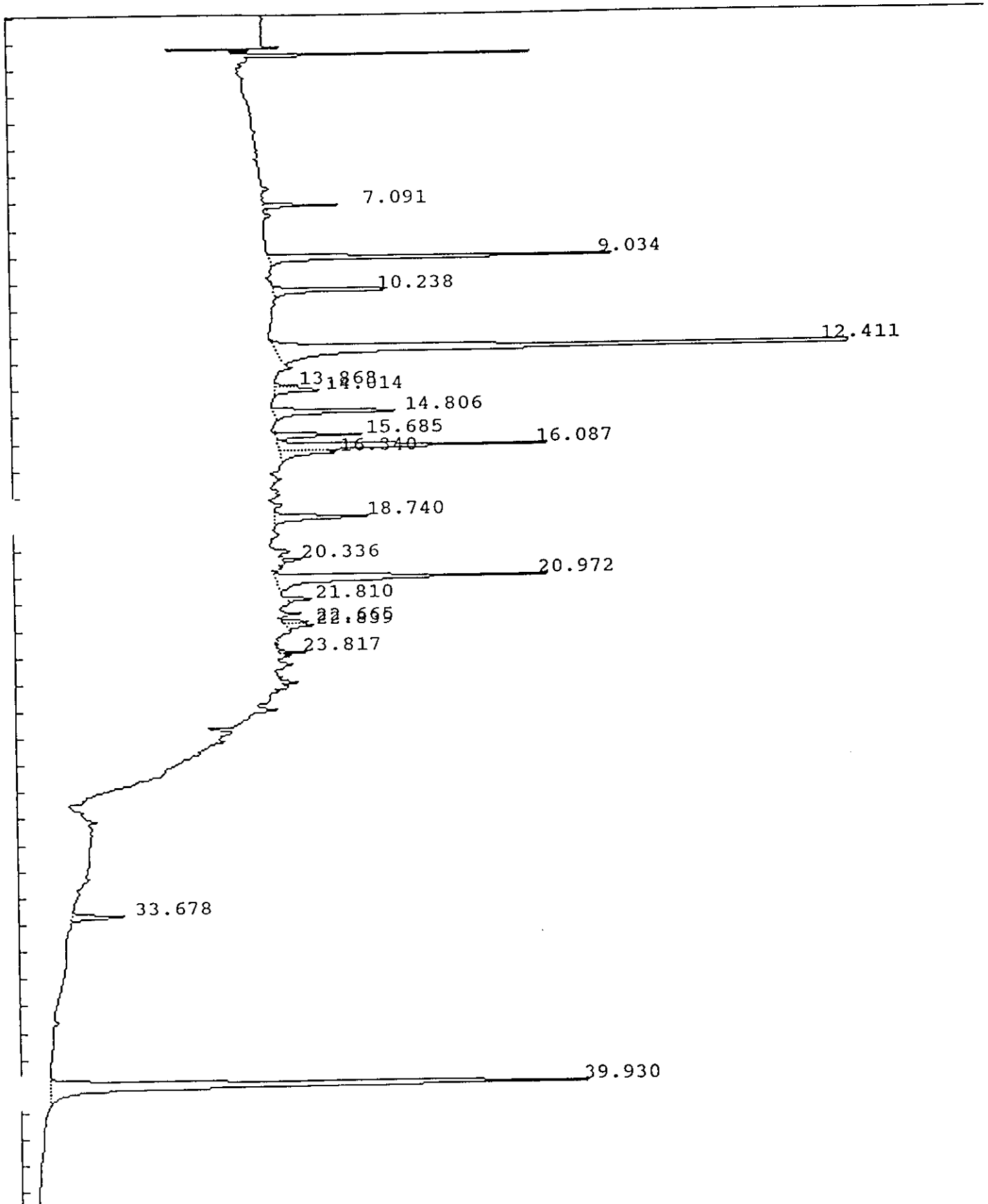
IEA Pesticide Standard Report

Sample Name : AR122131 Inj on 1935 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213005.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR122131 Inj on 1935 10Mar1993 1291
Result File : /DATA/LOOP/RESULT/A1213005.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR122131 Report No : 232.01
 Result File : /DATA/LOOP/RESULT/A1213005.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1935 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 5 Bottle no. : 5

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.093484	35831	BB	0.0000	
2	9.03		.118903	209749	BB	0.0000	
3	10.24		.121666	82064	BB	0.0000	
4	12.41	12.40	.127313	877291	BV	.1801	Tetrachloro-m-xylene
5	13.87		.097820	12175	BV	0.0000	
6	14.01		.127106	30590	VB	0.0000	
7	14.81		.151923	94579	BB	0.0000	
8	15.69		.123631	51478	BV	0.0000	
9	16.09		.140295	180557	VV	0.0000	
10	16.34		.171558	46313	VB	0.0000	
11	18.74		.166322	73632	BB	0.0000	
12	20.34		.095876	10880	PV	0.0000	
13	20.97		.173028	228993	BB	0.0000	
14	21.81		.095673	14155	BV	0.0000	
15	22.67	22.68	.103879	15161	PV	.0032	Aldrin
16	22.84		.132340	19231	VV	0.0000	
17	23.82		.075355	11313	BV	0.0000	
18	33.68		.141969	36514	BB	0.0000	
19	39.93	#39.91	.224503	555628	BB	.1143	Decachlorobiphenyl

Total Area : 2586134 Total PPB : .298

Report Time : 1839 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213005.RES

IEA Pesticide Standard Report

Sample Name : AR123231

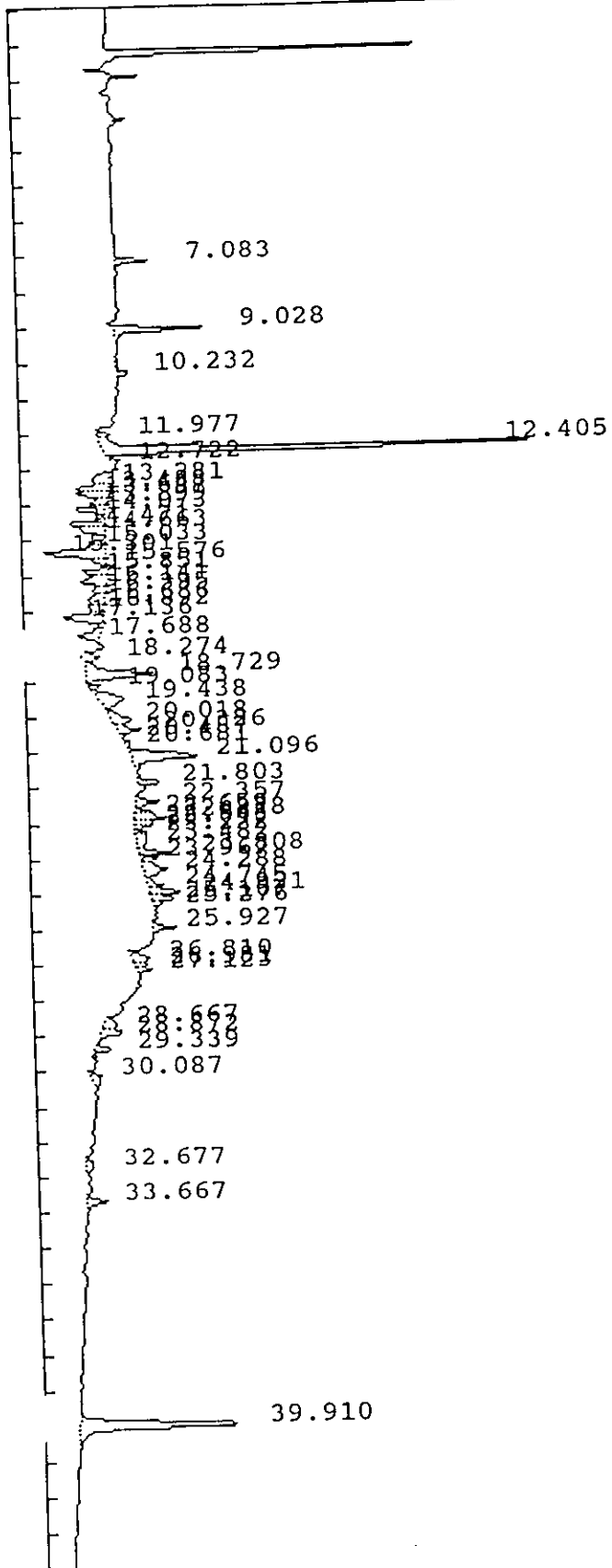
Inj on 2029 10Mar1993

Result File : /DATA/LOOP/RESULT/A1213006.RES

INSTRUMENT: HP58901A

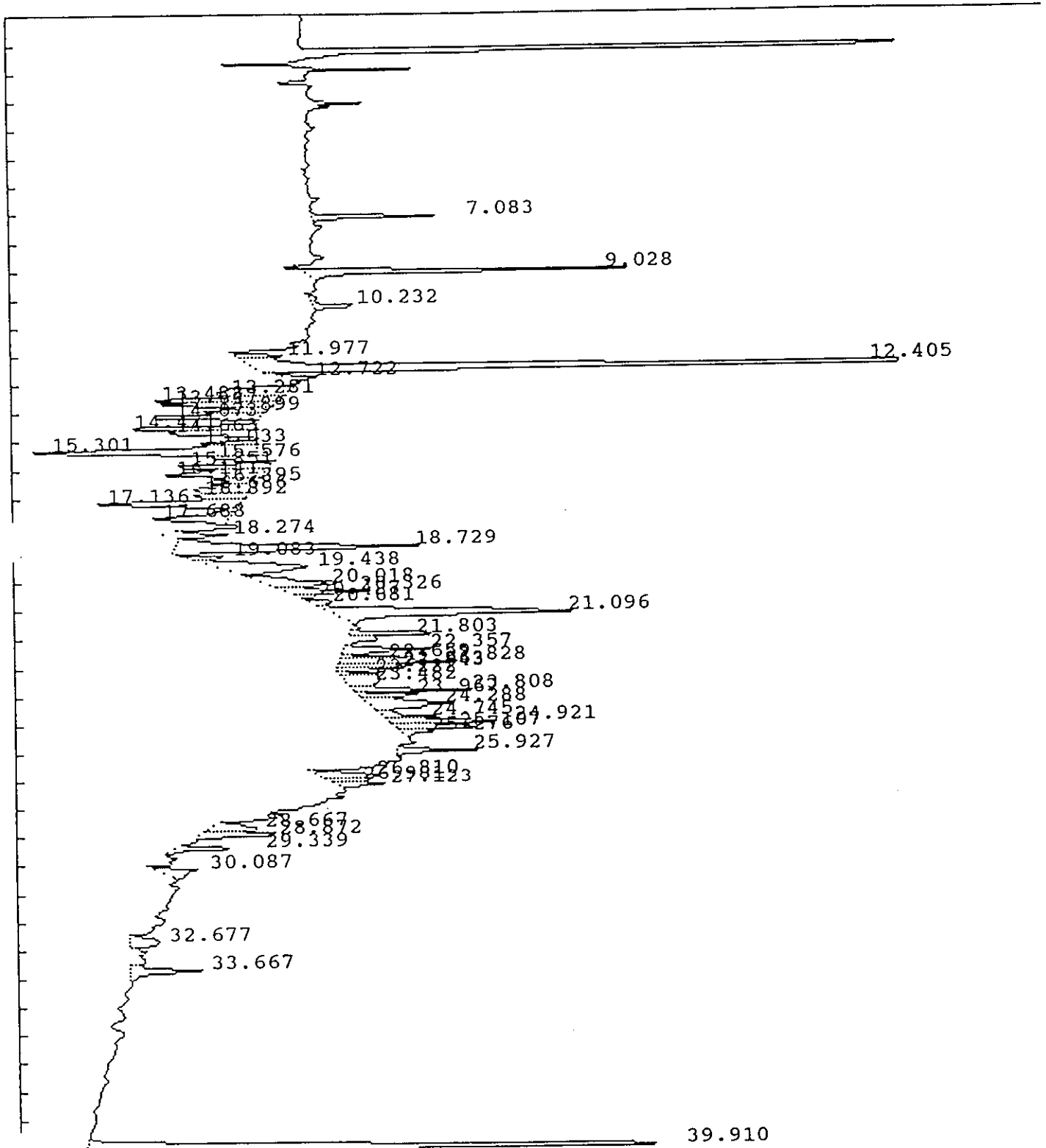
Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR123231 Inj on 2029 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213006.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR123231 Report No : 233.11
 Result File : /DATA/LOOP/RESULT/A1213006.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2029 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 6 Bottle no. : 6

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.099861	63502	BB	0.0000	
2	9.03		.120241	183412	BB	0.0000	
3	10.23		.151803	33623	BB	0.0000	
4	11.98		.161569	33588	PV	0.0000	
5	12.40	12.40	.119338	899284	VV	.1846	Tetrachloro-m-xylene
6	12.72		.137707	23792	PV	0.0000	
7	13.28		.297317	94078	BV	0.0000	
8	13.49		.160215	90595	PV	0.0000	
9	13.65		.158508	79343	PV	0.0000	
10	13.90		.137200	38989	PV	0.0000	
11	14.07		.156072	81210	PB	0.0000	
12	14.47		.161944	93899	BV	0.0000	
13	14.66		.159188	63113	PV	0.0000	
14	15.03		.147493	36177	VV	0.0000	
15	15.30		.221839	214322	PV	0.0000	
16	15.58		.109290	22177	PP	0.0000	
17	15.85		.159577	69794	BV	0.0000	
18	16.14		.199217	89542	PV	0.0000	
19	16.39		.173519	38953	PV	0.0000	
20	16.69		.262745	65752	PV	0.0000	
21	16.89		.168535	39337	PV	0.0000	
22	17.14		.204059	128354	PV	0.0000	
23	17.69		.210237	71577	PB	0.0000	
24	18.27		.145570	41025	PB	0.0000	
25	18.73		.219937	234146	BB	0.0000	
26	19.08		.106611	23682	BV	0.0000	
27	19.44	19.47	.337339	135261	VB	.0441	beta-BHC
28	20.02		.250982	88787	BV	0.0000	
29	20.33		.127707	50739	VV	0.0000	
30	20.49		.101781	11871	VB	0.0000	
31	20.68		.146479	17511	BV	0.0000	
32	21.10		.237406	260028	VB	0.0000	
33	21.80		.108553	50564	VV	0.0000	
34	22.36		.142242	57678	VV	0.0000	
35	22.66	22.68	.082831	30968	VV	.0066	Aldrin
36	22.83		.127291	68626	VV	0.0000	
37	22.96		.083315	23655	VV	0.0000	
38	23.04		.085593	25946	VB	0.0000	
39	23.22		.114219	20492	BV	0.0000	
40	23.48		.346790	53887	VV	0.0000	

IEA Pesticide Standard Report

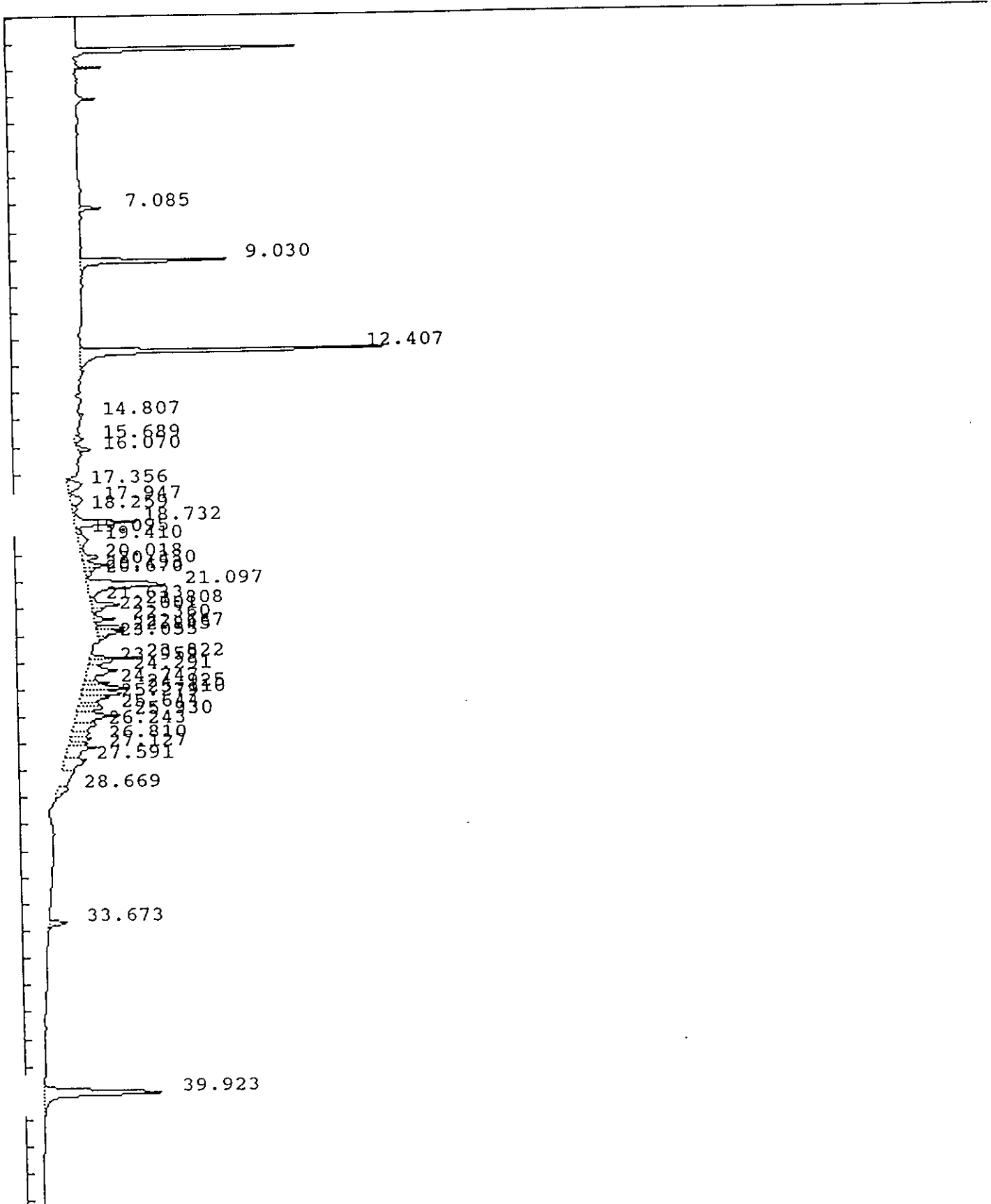
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	23.81		.090315	57235	VB	0.0000	
42	23.97		.125237	38886	BV	0.0000	
43	24.29		.220899	90749	VV	0.0000	
44	24.74	24.81	.138166	35315	VV	.0087	Heptachlor epoxide
45	24.92		.125518	69587	VV	0.0000	
46	25.11		.106431	50692	VV	0.0000	
47	25.28		.114957	18794	VB	0.0000	
48	25.93	25.96	.104397	41201	PV	.0092	alpha-Chlordane
49	26.81		.211101	61921	BV	0.0000	
50	26.98	26.92	.105460	19626	VV	.0051	Dieldrin
51	27.12		.116922	28056	VB	0.0000	
52	28.67		.221696	46910	BV	0.0000	
53	28.87		.124094	52447	VB	0.0000	
54	29.34		.096423	29763	BB	0.0000	
55	30.09		.223734	44586	PB	0.0000	
56	32.68		.333444	40873	PV	0.0000	
57	33.67		.179487	57408	VV	0.0000	
58	39.91	#39.91	.227542	589853	BB	.1214	Decachlorobiphenyl

Total Area : 5123186 Total PPB : .380

Report Time : 1846 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213006.RES

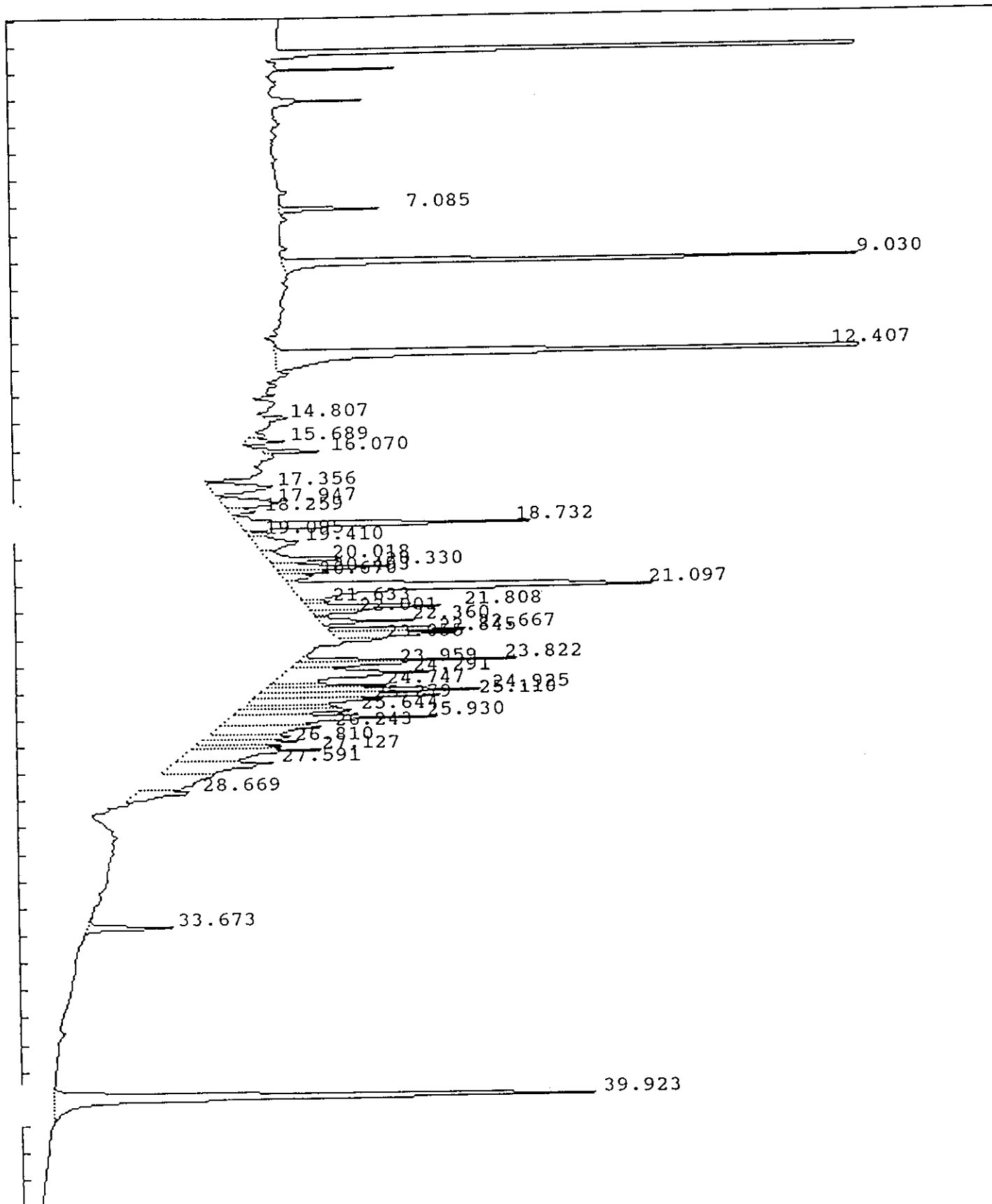
IEA Pesticide Standard Report

Sample Name : AR124257 Inj on 2123 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213007.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR124257 Inj on 2123 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213007.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR124257 Report No : 234.01
 Result File : /DATA/LOOP/RESULT/A1213007.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2123 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 7 Bottle no. : 7

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.101631	52704	BB	0.0000	
2	9.03		.125461	410597	BB	0.0000	
3	12.41	12.40	.130925	934451	BV	.1918	Tetrachloro-m-xylene
4	14.81		.156004	18919	BB	0.0000	
5	15.69		.136839	22903	VV	0.0000	
6	16.07		.121184	37651	PV	0.0000	
7	17.36		.294788	85069	PV	0.0000	
8	17.95		.293143	76949	VV	0.0000	
9	18.26		.142704	18192	VV	0.0000	
10	18.73		.179738	238351	VV	0.0000	
11	19.09		.129657	14092	VV	0.0000	
12	19.41		.343082	69691	VV	0.0000	
13	20.02		.192869	74101	VV	0.0000	
14	20.33		.132429	74642	VV	0.0000	
15	20.49		.117843	28352	VV	0.0000	
16	20.67		.156501	24484	VV	0.0000	
17	21.10		.270841	450028	VV	0.0000	
18	21.63		.123244	15577	VV	0.0000	
19	21.81		.132266	94219	VV	0.0000	
20	22.00		.119109	30467	VV	0.0000	
21	22.36		.107074	50440	VV	0.0000	
22	22.67	22.68	.119877	86935	PV	.0184	Aldrin
23	22.85		.128502	84734	VV	0.0000	
24	23.05		.083991	21363	VV	0.0000	
25	23.82		.100962	107658	BV	0.0000	
26	23.96		.123564	63366	VV	0.0000	
27	24.29		.255069	180891	VV	0.0000	
28	24.75	24.81	.104112	59064	VV	.0146	Heptachlor epoxide
29	24.92		.142249	152722	VV	0.0000	
30	25.11		.123761	122394	VV	0.0000	
31	25.28		.188358	113706	VV	0.0000	
32	25.64		.156776	85149	VV	0.0000	
33	25.93	25.96	.203623	199211	VV	.0444	alpha-Chlordane
34	26.24		.277409	133509	VV	0.0000	
35	26.81		.142620	66606	VV	0.0000	
36	27.13		.255016	158579	VV	0.0000	
37	27.59		.311604	142148	VV	0.0000	
38	28.67		.200393	52758	VV	0.0000	
39	33.67		.147453	58979	BB	0.0000	
40	39.92	#39.91	.231073	565188	BB	.1163	Decachlorobiphenyl

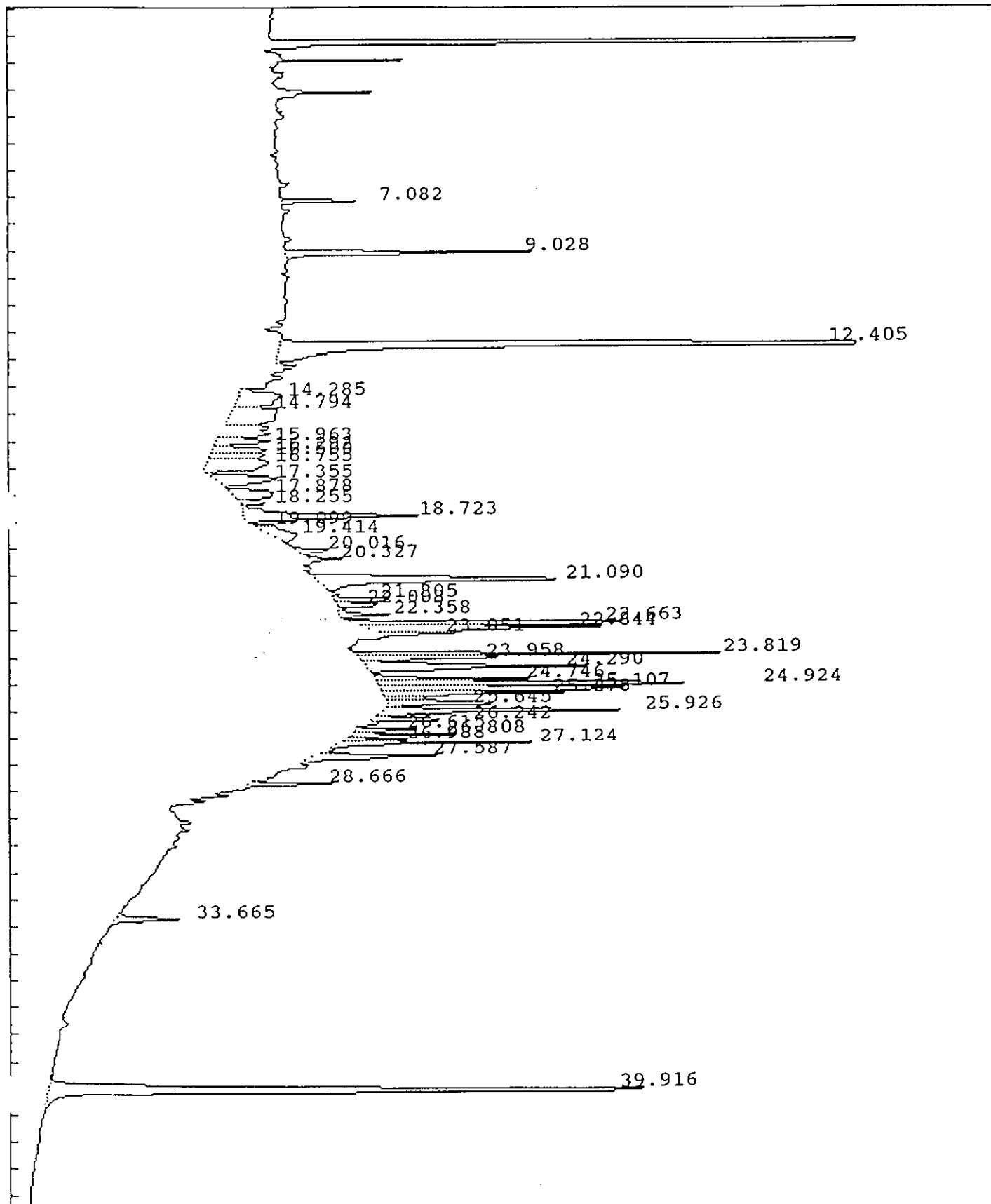
1300

Total Area : 5276839 Total PPB : .386
IEA Pesticide Standard Report

Report Time : 1852 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213007.RES

IEA Pesticide Standard Report

Sample Name : AR124857 Inj on 2217 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213008.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR124857 Report No : 235.11
 Result File : /DATA/LOOP/RESULT/A1213008.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.27 Mins. Injected on 2217 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 8 Bottle no. : 8

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.097137	39429	BB	0.0000	
2	9.03		.115143	132581	BB	0.0000	
3	12.40	12.40	.125163	1038789	BV	.2132	Tetrachloro-m-xylene
4	14.29		.477737	85146	PV	0.0000	
5	14.79		.619197	116568	VV	0.0000	
6	15.96		.195783	44392	VV	0.0000	
7	16.29		.206855	47401	VV	0.0000	
8	16.50	16.51	.218834	49652	VV	.0088	alpha-BHC
9	16.75		.404711	103921	VV	0.0000	
10	17.35		.302806	83488	PB	0.0000	
11	17.88		.337159	60618	BV	0.0000	
12	18.25		.133991	16657	VB	0.0000	
13	18.72		.194920	156457	BB	0.0000	
14	19.10		.122787	13617	BV	0.0000	
15	19.41		.395460	50388	VB	0.0000	
16	20.02		.145476	24824	BV	0.0000	
17	20.33		.101093	16824	VV	0.0000	
18	21.09		.217148	253222	BB	0.0000	
19	21.81		.103178	35428	VV	0.0000	
20	22.01		.100250	25079	VB	0.0000	
21	22.36		.098882	25152	PB	0.0000	
22	22.66	22.68	.111844	168842	BV	.0358	Aldrin
23	22.84		.132141	152651	VV	0.0000	
24	23.05		.083755	32345	VV	0.0000	
25	23.82		.093156	168661	BV	0.0000	
26	23.96		.099071	66551	VV	0.0000	
27	24.29		.160020	169854	VB	0.0000	
28	24.75	24.81	.089945	67292	BV	.0166	Heptachlor epoxide
29	24.92		.114615	198445	VV	0.0000	
30	25.11		.104534	147062	VV	0.0000	
31	25.28		.101758	89827	VV	0.0000	
32	25.64		.090204	62280	VB	0.0000	
33	25.93	25.96	.125033	152682	BV	.0341	alpha-Chlordane
34	26.24		.083953	37243	VV	0.0000	
35	26.61		.087641	29065	BV	0.0000	
36	26.81		.076067	41133	VB	0.0000	
37	26.99	26.92	.068887	22415	BV	.0058	Dieldrin
38	27.12		.088387	85379	VV	0.0000	
39	27.59		.140473	84474	BB	0.0000	
40	28.67		.088061	38749	BB	0.0000	

1354

IEA Pesticide Standard Report

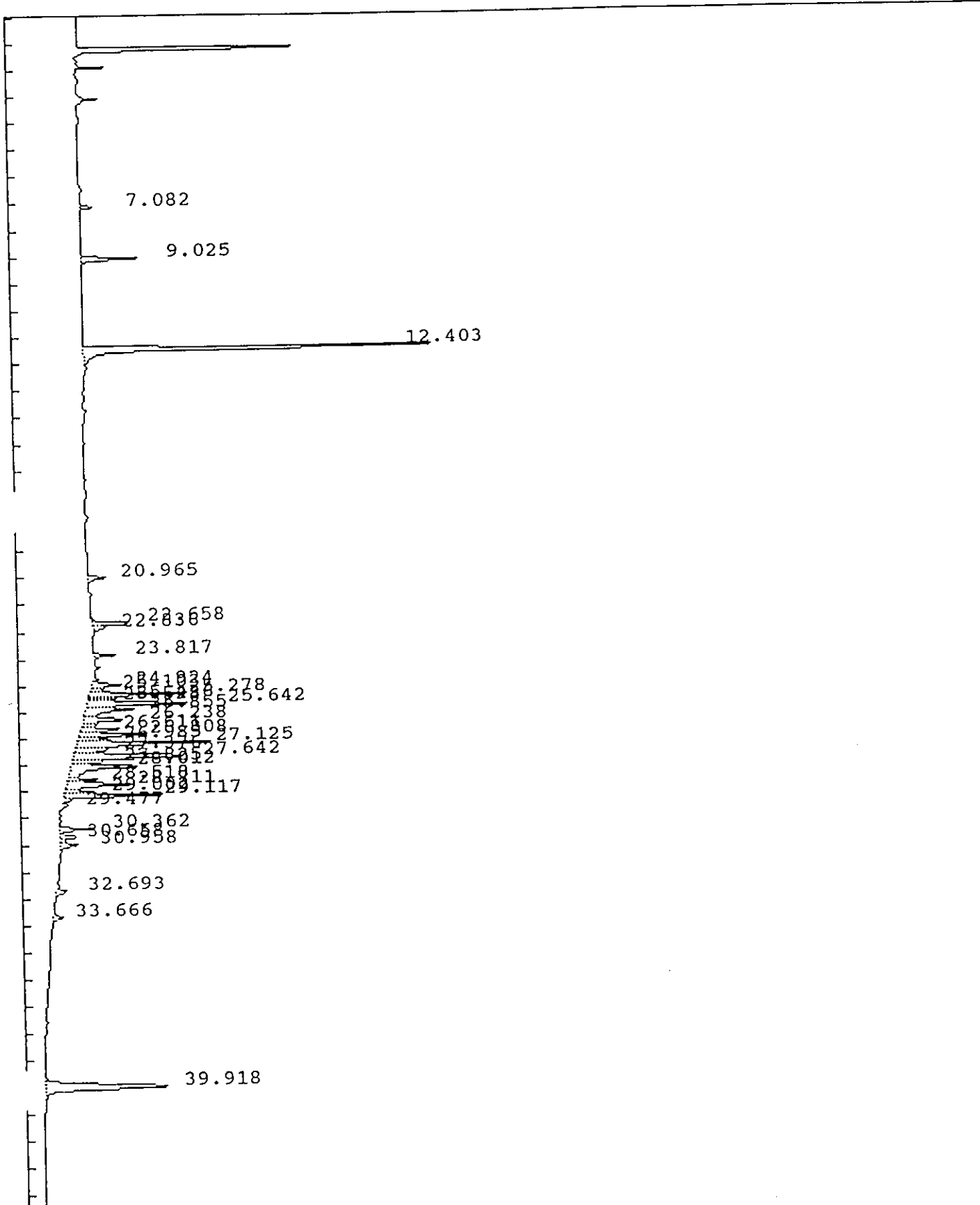
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	33.67		.133013	37086	BB	0.0000	
42	39.92	#39.91	.213366	580942	BB	.1196	Decachlorobiphenyl

Total Area : 4852611 Total PPB : .434

Report Time : 1854 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213008.RES

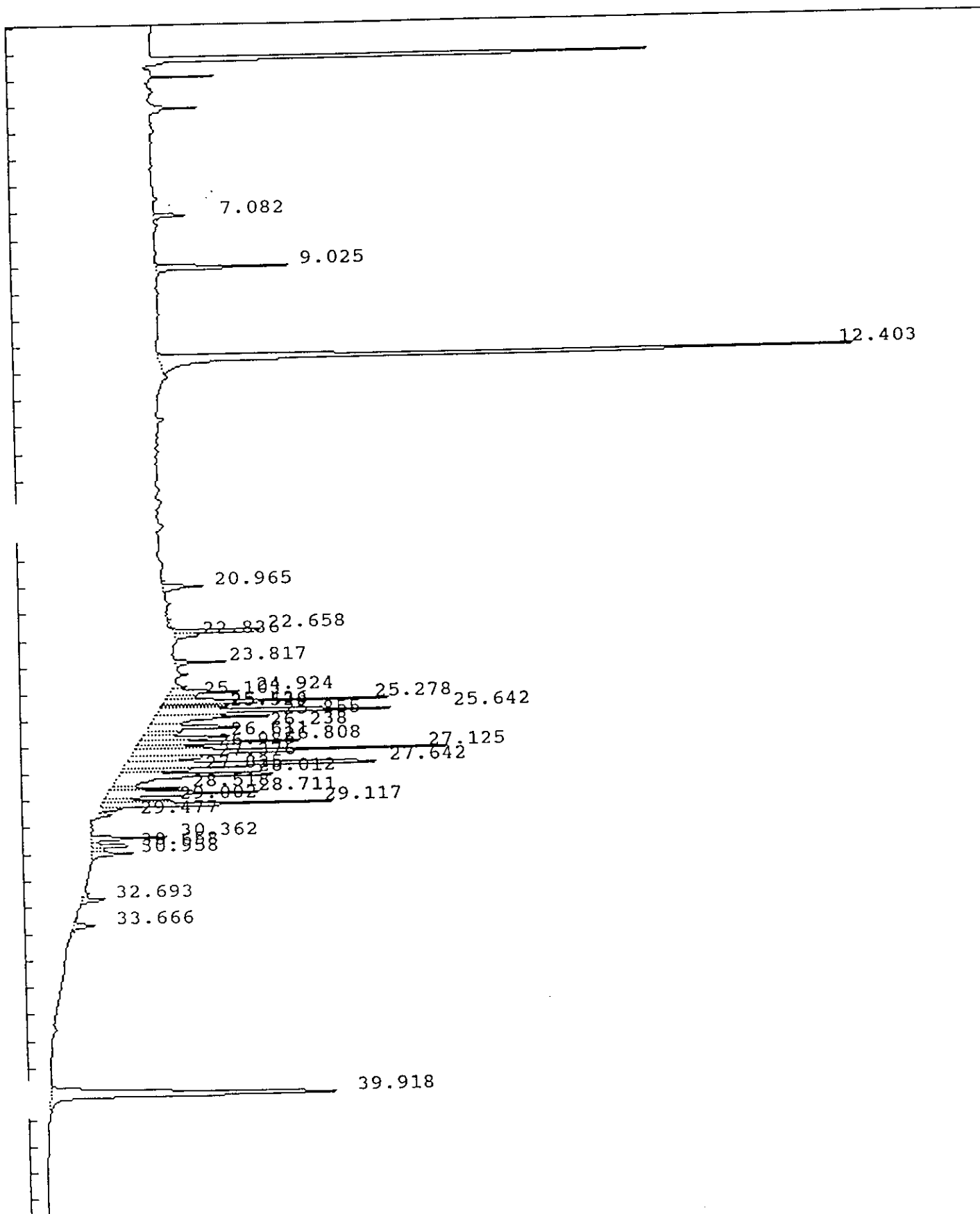
IEA Pesticide Standard Report

Sample Name : AR125457 Inj on 2311 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213009.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR125457 Inj on 2311 10Mar1993
Result File : /DATA/LOOP/RESULT/A1213009.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



1307

IEA Pesticide Standard Report

Sample Name : AR125457 Report No : 236.01
 Result File : /DATA/LOOP/RESULT/A1213009.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2311 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 9 Bottle no. : 9

% Dil-Fact
100.00

Run Status : RunStatusOK

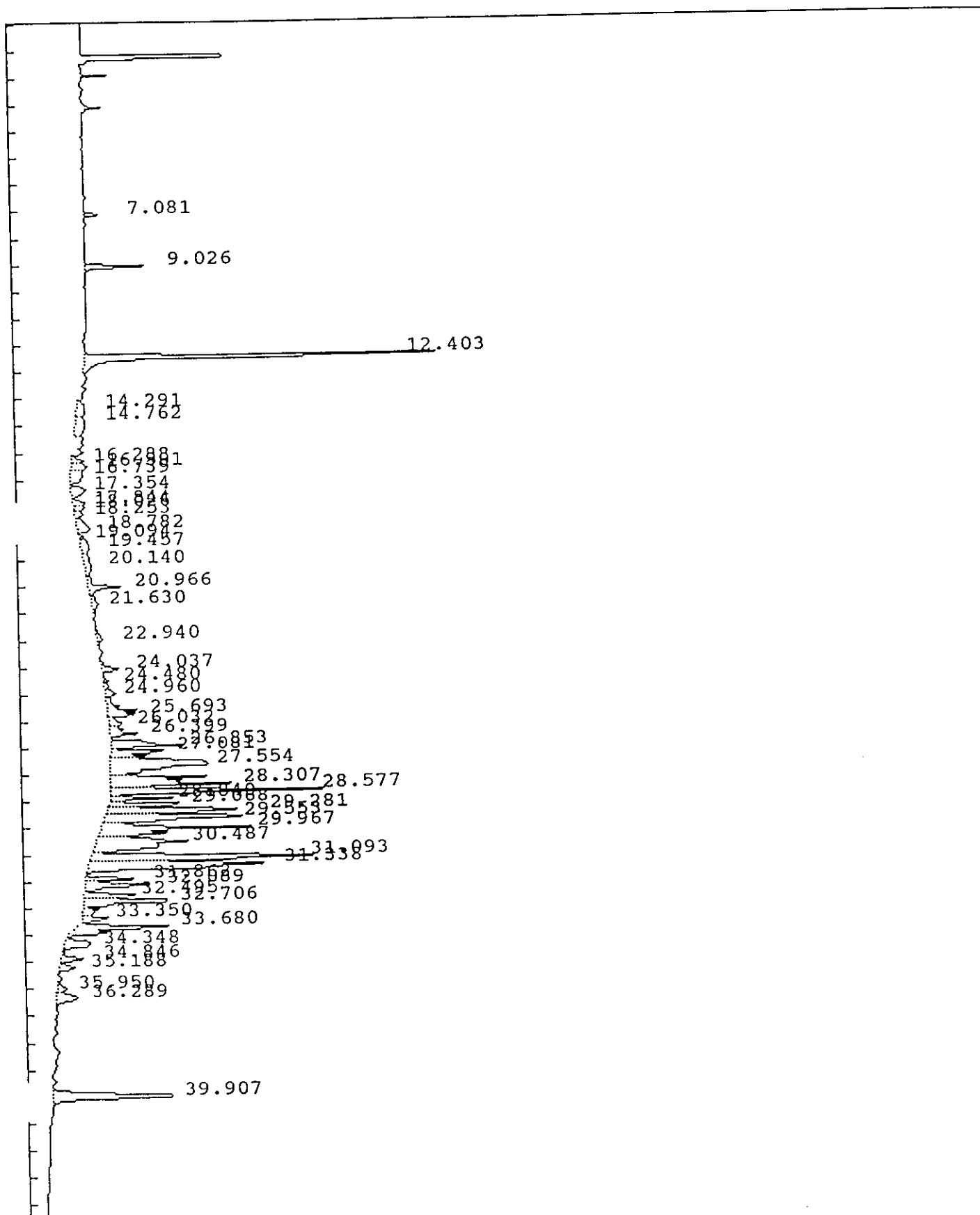
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.097215	32157	BB	0.0000	
2	9.03		.115133	144970	BB	0.0000	
3	12.40	12.40	.123087	984622	BV	.2021	Tetrachloro-m-xylene
4	20.97		.130107	50900	BB	0.0000	
5	22.66	22.68	.094657	101920	BV	.0216	Aldrin
6	22.84		.102817	25236	VB	0.0000	
7	23.82		.088430	45108	BB	0.0000	
8	24.92		.109577	76582	VV	0.0000	
9	25.10		.110390	33338	VV	0.0000	
10	25.28		.092198	207796	VV	0.0000	
11	25.44	25.47	.091358	66439	VV	.0156	gamma-Chlordane
12	25.53		.064127	33572	VV	0.0000	
13	25.64		.102418	272309	VV	0.0000	
14	25.85		.162307	177846	VV	0.0000	
15	26.24		.109210	112333	VV	0.0000	
16	26.61		.118523	109404	VV	0.0000	
17	26.81		.098080	169598	VV	0.0000	
18	26.98	26.92	.092540	59382	VV	.0154	Dieldrin
19	27.13		.123825	384548	VV	0.0000	
20	27.38		.126426	82041	VV	0.0000	
21	27.64		.167763	392171	VV	0.0000	
22	27.82	27.89	.112710	77110	VV	.0263	Endrin
23	28.01		.144625	282016	VV	0.0000	
24	28.52		.088064	61181	VV	0.0000	
25	28.71		.139542	198035	VV	0.0000	
26	29.00		.097131	76288	VV	0.0000	
27	29.12	29.07	.088873	216766	VV	.0798	4,4'-DDT
28	29.48		.064056	12305	PV	0.0000	
29	30.36		.102576	75145	BV	0.0000	
30	30.66		.118997	49102	VV	0.0000	
31	30.96		.127150	49893	VB	0.0000	
32	32.69		.128691	29618	VB	0.0000	
33	33.67		.136556	26668	BB	0.0000	
34	39.92	#39.91	.216036	558513	BB	.1149	Decachlorobiphenyl

Total Area : 5274913 Total PPB : .476

Report Time : 1856 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213009.RES

IEA Pesticide Standard Report

Sample Name : TOXAPH31 Inj on 0005 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213010.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : TOXAPH31 Report No : 237.11
 Result File : /DATA/LOOP/RESULT/A1213010.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0005 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 10 Bottle no. : 10

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.095834	35144	BB	0.0000	
2	9.03		.115276	152799	BB	0.0000	
3	12.40	12.40	.125285	1018768	BV	.2091	Tetrachloro-m-xylene
4	14.29		.492842	80378	PV	0.0000	
5	14.76		.619127	115741	VV	0.0000	
6	16.29		.186209	43999	PV	0.0000	
7	16.50	16.51	.191961	68617	VV	.0122	alpha-BHC
8	16.74		.406466	101127	VV	0.0000	
9	17.35		.328501	97215	PV	0.0000	
10	17.84		.217478	49543	VV	0.0000	
11	18.03		.162779	35141	VV	0.0000	
12	18.25		.161996	28211	VV	0.0000	
13	18.78		.337156	95156	VV	0.0000	
14	19.09		.127646	14921	PV	0.0000	
15	19.46	19.47	.483331	79657	VV	.0260	beta-BHC
16	20.14		.585826	89379	VV	0.0000	
17	20.97		.176992	131797	VV	0.0000	
18	21.63		.368648	57620	VB	0.0000	
19	22.94		.239697	40581	BB	0.0000	
20	24.04		.134043	55935	BV	0.0000	
21	24.48		.100082	13214	BV	0.0000	
22	24.96		.230629	59630	VV	0.0000	
23	25.69		.256080	187043	VV	0.0000	
24	26.03	26.00	.213484	59001	VV	.0166	Endosulfan I
25	26.40		.176148	109083	VB	0.0000	
26	26.85	26.92	.173562	274970	BV	.0714	Dieldrin
27	27.08		.168133	217434	VV	0.0000	
28	<u>27.55</u>		.312212	737789	VV	0.0000	
29	28.31		.233707	634378	VV	0.0000	
30	28.58		.131844	614229	VV	0.0000	
31	<u>28.84</u>		.094857	133181	VB	0.0000	
32	29.07	29.07	.117569	219331	BV	.0808	4,4'-DDT
33	29.28	29.24	.162014	461198	VV	.1470	Endrin aldehyde
34	29.55		.210426	586330	VV	0.0000	
35	29.97		.189941	633045	VV	0.0000	
36	30.49		.337528	659015	VV	0.0000	
37	<u>31.09</u>		.176357	862423	VV	0.0000	
38	<u>31.34</u>		.220721	853632	VB	0.0000	
39	31.86		.104043	119277	BV	0.0000	
40	32.09		.156502	218364	VV	0.0000	

IEA Pesticide Standard Report

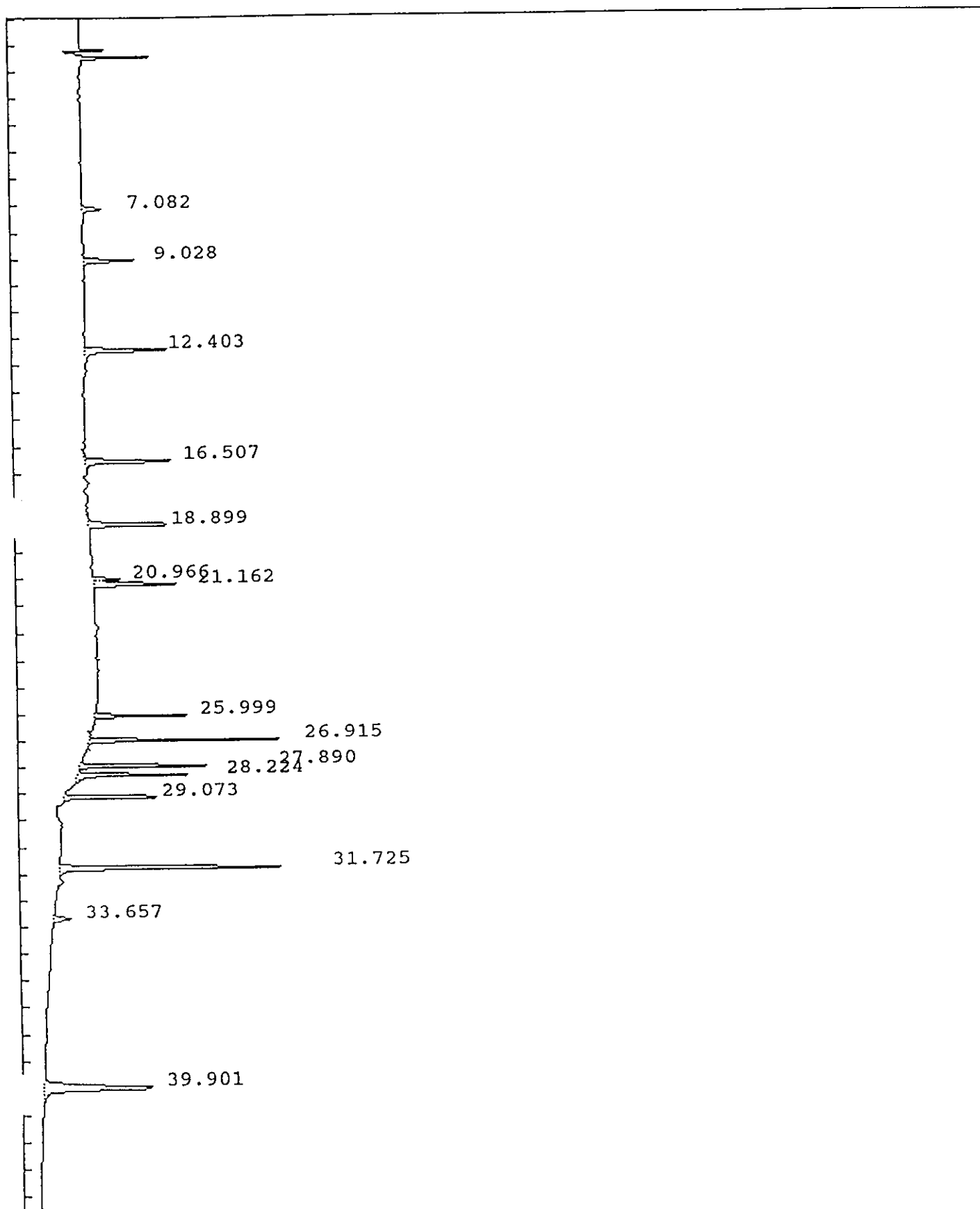
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	32.49		.145625	169033	VV	0.0000	
42	32.71		.181109	403553	VV	0.0000	
43	33.35		.135373	80722	VB	0.0000	
44	33.68		.174680	358217	BB	0.0000	
45	34.35		.251134	145468	BB	0.0000	
46	34.85		.159081	74366	BV	0.0000	
47	35.19		.157957	54671	VB	0.0000	
48	35.95		.222878	42644	VV	0.0000	
49	36.29		.293855	118849	VB	0.0000	
50	39.91	#39.91	.210290	565664	PB	.1164	Decachlorobiphenyl

Total Area : 12057486 Total PPB : .679

Report Time : 1858 15Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213010.RES

IEA Pesticide Standard Report

Sample Name : INDAL23 Inj on 0059 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213011.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAL23 Report No : 238.12
 Result File : /DATA/LOOP/RESULT/A1213011.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0059 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 11 Bottle no. : 11

% Dil-Fact
100.00

Run Status : RunStatusOK

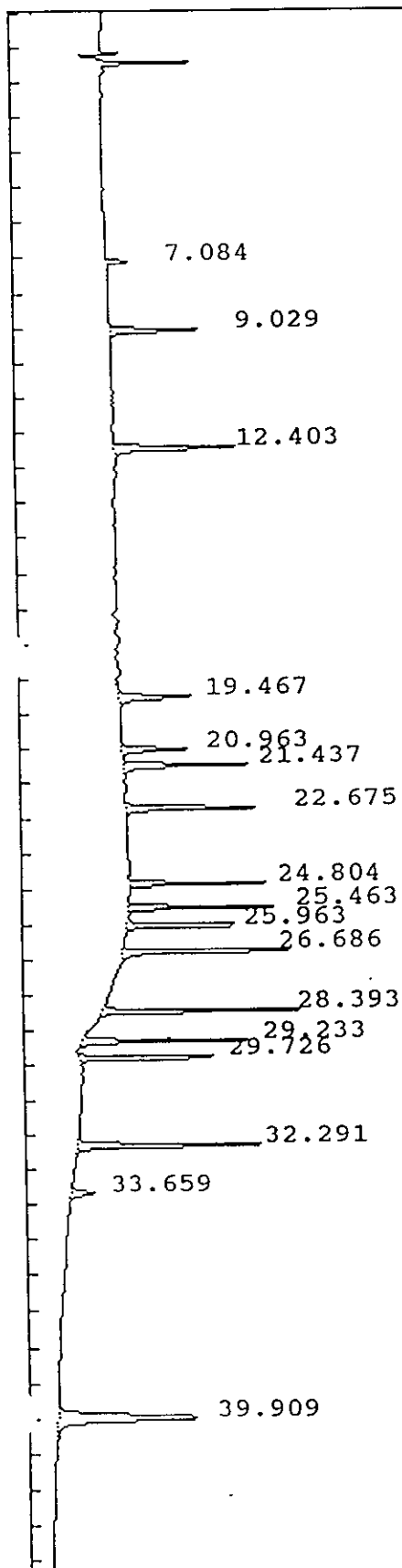
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.098425	46556	BB	0.0000	
2	9.03		.115402	130974	BB	0.0000	
3	12.40	12.40	.116909	224364	BB	.0461	Tetrachloro-m-xylene
4	16.51	16.51	.119030	250618	PB	.0445	alpha-BHC
5	18.90	18.90	.121239	254843	BB	.0462	gamma-BHC (Lindane)
6	20.97		.103345	62443	BV	0.0000	
7	21.16	21.16	.111497	215363	VB	.0514	Heptachlor
8	26.00	26.00	.078422	175672	BB	.0494	Endosulfan I
9	26.91	26.92	.075646	363313	PB	.0944	Dieldrin
10	27.89	27.89	.073053	285462	BB	.0972	Endrin
11	28.22	28.22	.083743	259679	BB	.0952	4,4'-DDD
12	29.07	29.07	.072503	230537	BV	.0849	4,4'-DDT
13	31.72	31.74	.106791	599497	BV	.5083	Methoxychlor
14	33.66		.139422	49517	BB	0.0000	
15	39.90	#39.91	.217709	509200	BB	.1048	Decachlorobiphenyl

Total Area : 3658038 Total PPB : 1.222

Report Time : 1900 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213011.RES

IEA Pesticide Standard Report

Sample Name : INDBL23 Inj on 0152 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213012.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBL23 Report No : 239.12
 Result File : /DATA/LOOP/RESULT/A1213012.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0152 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 12 Bottle no. : 12

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.097945	40817	BB	0.0000	
2	9.03		.116632	176806	BB	0.0000	
3	12.40	12.40	.117123	254840	BB	.0523	Tetrachloro-m-xylene
4	19.47	19.47	.138171	173464	BB	.0566	beta-BHC
5	20.96		.119556	135836	BV	0.0000	
6	21.44	21.44	.105303	228910	PB	.0464	delta-BHC
7	22.67	22.68	.098500	246255	BB	.0522	Aldrin
8	24.80	24.81	.079164	197354	BB	.0487	Heptachlor epoxide
9	25.46	25.47	.082373	217263	BB	.0510	gamma-Chlordane
10	25.96	25.96	.080436	228001	BB	.0509	alpha-Chlordane
11	26.69	26.69	.081772	333058	BB	.0884	4,4'-DDE
12	28.39	28.40	.072791	303418	BB	.0938	Endosulfan II
13	29.23	29.24	.081092	247771	BV	.0790	Endrin aldehyde
14	29.73	29.73	.081758	269266	PV	.0925	Endosulfan sulfate
15	32.29	32.29	.108200	352526	VB	.0929	Endrin ketone
16	33.66		.140000	54849	BB	0.0000	
17	39.91	#39.91	.217216	504984	BB	.1039	Decachlorobiphenyl

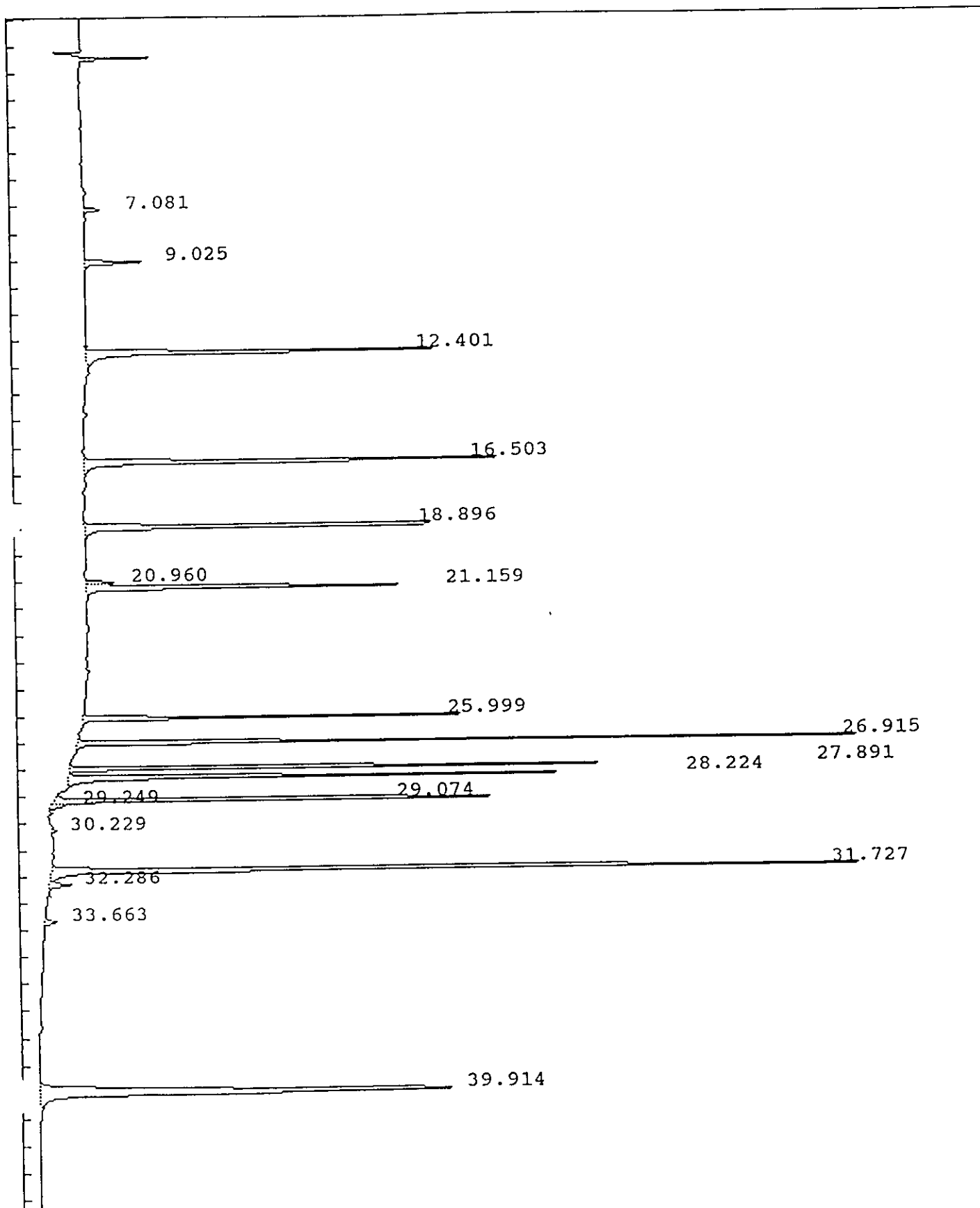
Total Area : 3965420 Total PPB : .908

Report Time : 1902 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213012.RES

IEA Pesticide Standard Report

1315

Sample Name : INDAM01 Inj on 0246 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213013.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAM01 Report No : 240.12
 Result File : /DATA/LOOP/RESULT/A1213013.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0246 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 13 Bottle no. : 13

% Dil-Fact
100.00

Run Status : RunStatusOK

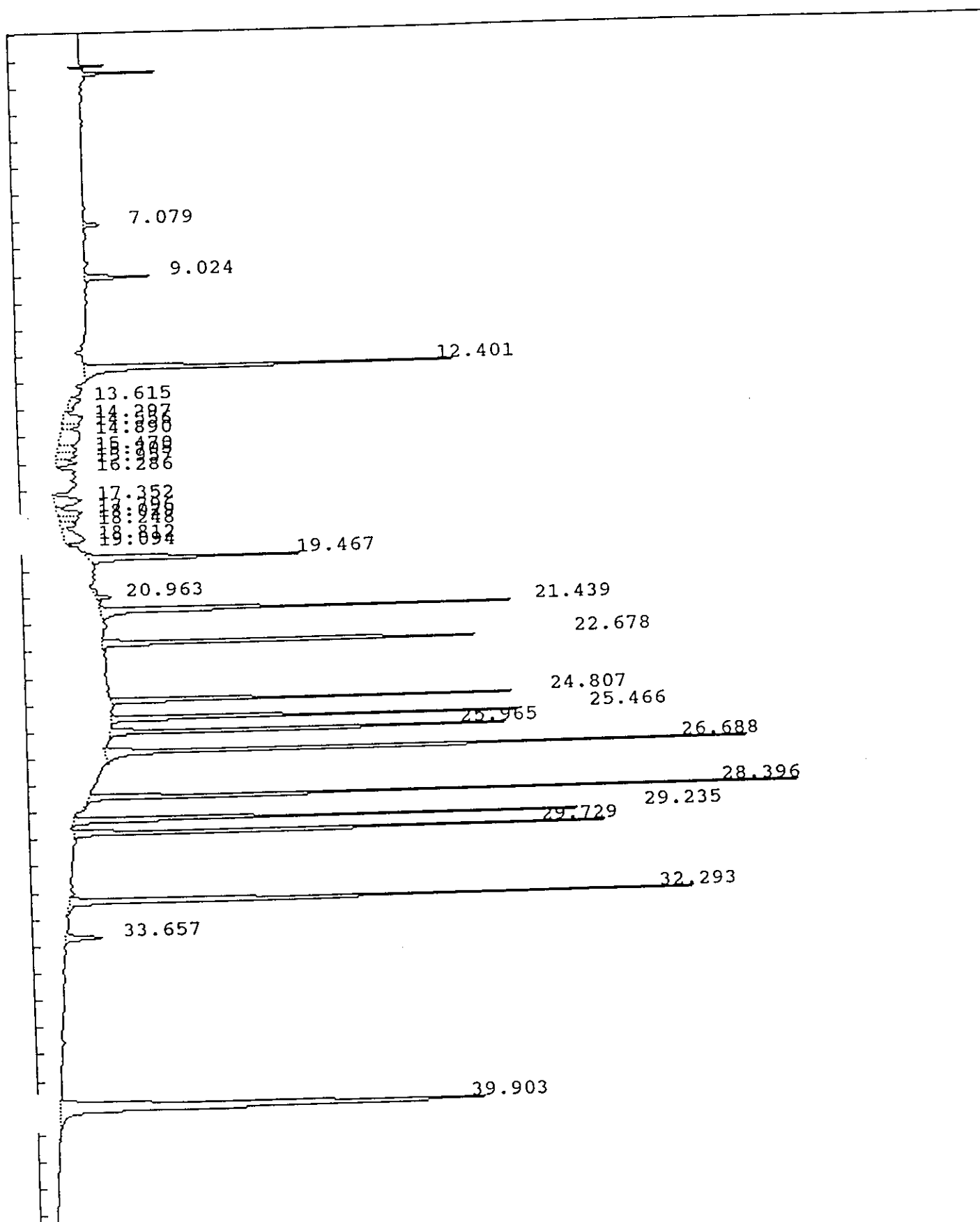
PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.097591	42132	BB	0.0000	
2	9.02		.114982	148976	BB	0.0000	
3	12.40	12.40	.122123	974395	BV	.2000	Tetrachloro-m-xylene
4	16.50	16.51	.114649	1125307	BB	.2000	alpha-BHC
5	18.90	18.90	.118219	1103818	BB	.2000	gamma-BHC (Lindane)
6	20.96		.100290	65085	BV	0.0000	
7	21.16	21.16	.112206	838685	VB	.2000	Heptachlor
8	26.00	26.00	.077855	711451	BB	.2000	Endosulfan I
9	26.91	26.92	.075692	1539751	PB	.4000	Dieldrin
10	27.89	27.89	.074273	1174801	BV	.4000	Endrin
11	28.22	28.22	.081222	1090901	VB	.4000	4,4'-DDD
12	29.07	29.07	.077257	1086114	BV	.4000	4,4'-DDT
13	29.25	29.24	.135303	42204	VV	.0134	Endrin aldehyde
14	30.23		.096764	10997	VB	0.0000	
15	31.73	31.74	.108094	2358709	BV	2.0000	Methoxychlor
16	32.29	32.29	.143797	68028	VB	.0179	Endrin ketone
17	33.66		.138408	33344	BB	0.0000	
18	39.91	#39.91	.218724	1943738	BB	.4000	Decachlorobiphenyl

Total Area : 14358438 Total PPB : 5.031

Report Time : 1904 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213013.RES

IEA Pesticide Standard Report

Sample Name : INDBM01 Inj on 0340 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213014.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBM01 Report No : 241.12
 Result File : /DATA/LOOP/RESULT/A1213014.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.27 Mins. Injected on 0340 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 14 Bottle no. : 14

% Dil-Fact
100.00

Run Status : RunStatusOK

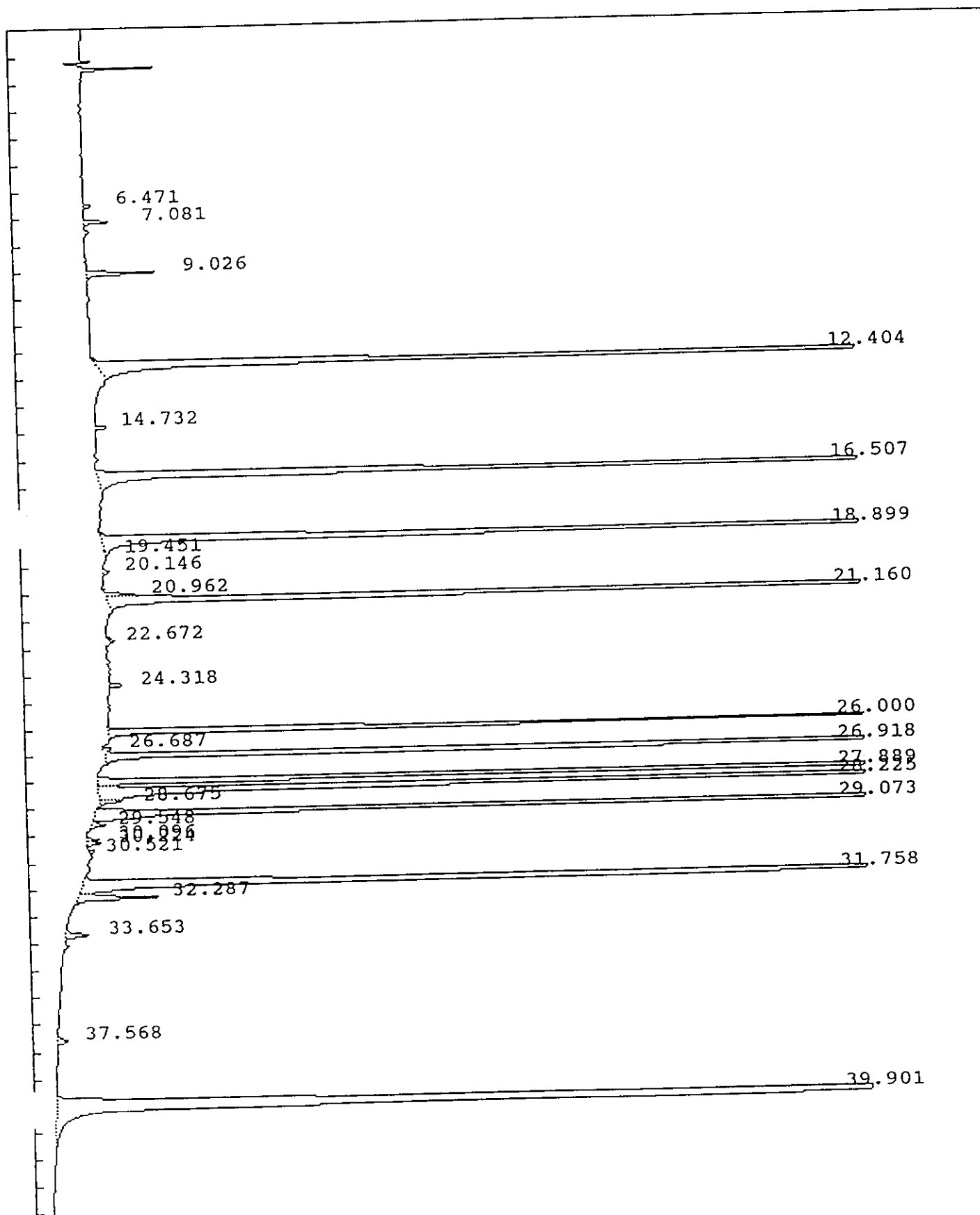
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.099496	40917	BB	0.0000	
2	9.02		.116909	164607	BB	0.0000	
3	12.40	12.40	.121365	999437	BB	.2051	Tetrachloro-m-xylene
4	13.61		.258516	53671	VV	0.0000	
5	14.30		.320597	122116	PV	0.0000	
6	14.56		.168708	59284	VV	0.0000	
7	14.89		.585577	228952	VV	0.0000	
8	15.47		.224404	87911	VV	0.0000	
9	15.71		.184885	76603	VV	0.0000	
10	15.96		.173449	74106	VV	0.0000	
11	16.29		.157332	36136	PB	0.0000	
12	17.35		.299200	173138	PV	0.0000	
13	17.80		.216816	115190	VV	0.0000	
14	18.03		.169985	72728	VV	0.0000	
15	18.25		.161627	58900	VV	0.0000	
16	18.81		.386045	165256	VV	0.0000	
17	19.09		.105413	14881	PB	0.0000	
18	19.47	19.47	.132683	612824	BB	.2000	beta-BHC
19	20.96		.174376	67848	PV	0.0000	
20	21.44	21.44	.104914	986741	BB	.2000	delta-BHC
21	22.68	22.68	.094500	944157	BB	.2000	Aldrin
22	24.81	24.81	.082305	811095	BB	.2000	Heptachlor epoxide
23	25.47	25.47	.082745	851572	BB	.2000	gamma-Chlordane
24	25.96	25.96	.081517	896477	BB	.2000	alpha-Chlordane
25	26.69	26.69	.083436	1507774	BS	.4000	4,4'-DDE
26	28.40	28.40	.073956	1294461	BV	.4000	Endosulfan II
27	29.24	29.24	.083246	1047979	BB	.3340	Endrin aldehyde
28	29.73	29.73	.082678	1164653	BB	.4000	Endosulfan sulfate
29	32.29	32.29	.108924	1517083	BV	.4000	Endrin ketone
30	33.66		.150080	117399	BB	0.0000	
31	39.90	#39.91	.222485	1955047	BB	.4023	Decachlorobiphenyl

Total Area : 16318948 Total PPB : 3.741

Report Time : 1908 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213014.RES

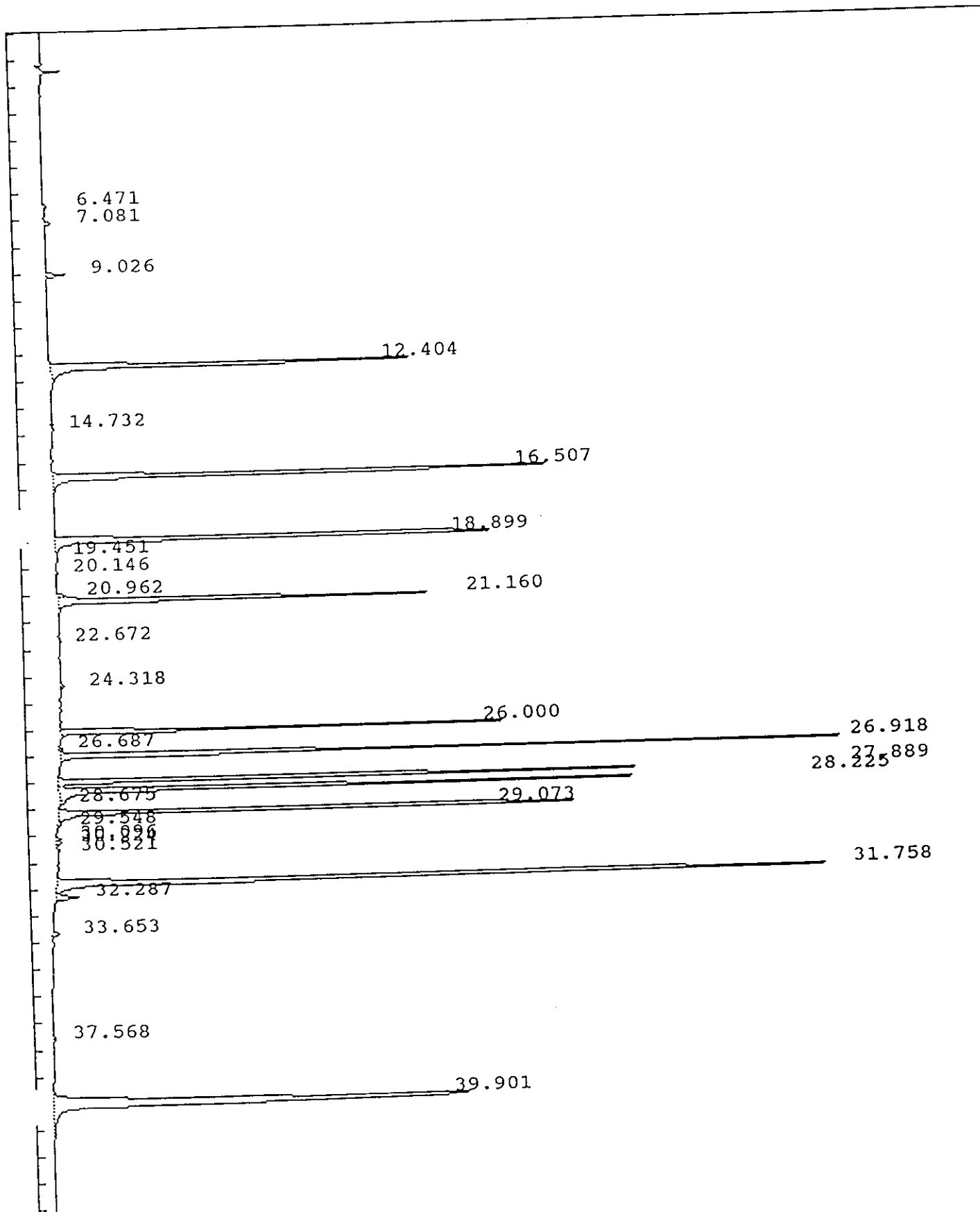
IEA Pesticide Standard Report

Sample Name : INDAH23 Inj on 0434 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213015.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAH23 Inj on 0434 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213015.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAH23
 Result File : /DATA/LOOP/RESULT/A1213015.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0434 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 15 Bottle no. : 15

Report No : 242.13

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : SignalOverload
 SpecialInteg

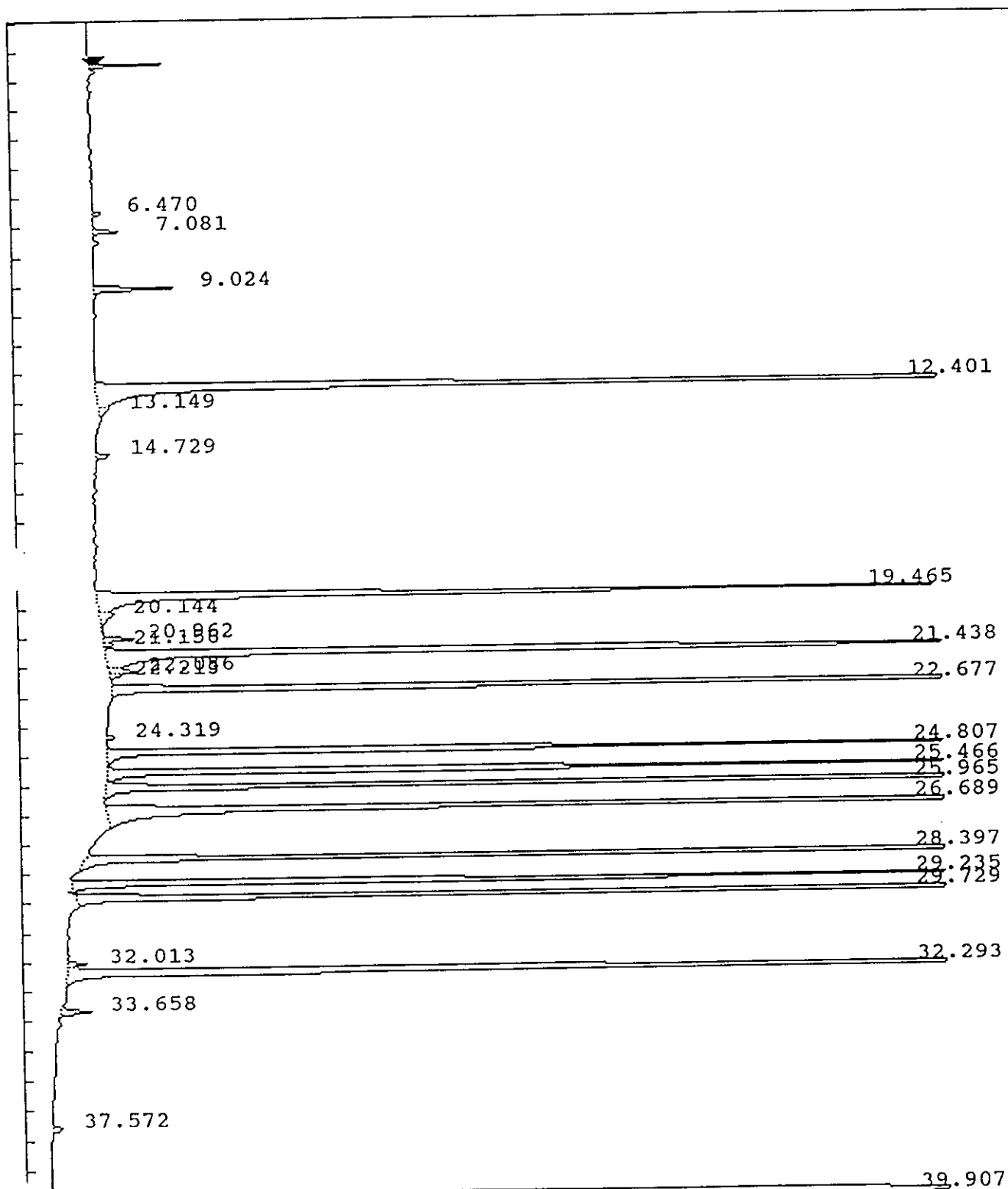
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.47		0.000000	19236	BB	0.0000	
2	7.08		0.000000	60142	BB	0.0000	
3	9.03		0.000000	175364	BB	0.0000	
4	12.40	12.40	0.000000	3616720	BB	.7424	Tetrachloro-m-xylene
5	14.73		0.000000	33008	BB	0.0000	
6	16.51	16.51	0.000000	5031023	BB	.8942	alpha-BHC
7	18.90	18.90	0.000000	4769133	BV	.8641	gamma-BHC (Lindane)
8	19.45	19.47	0.000000	10671	VB	.0035	beta-BHC
9	20.15		0.000000	17867	BB	0.0000	
10	20.96		0.000000	62407	BV	0.0000	
11	21.16	21.16	0.000000	3417774	VV	.8150	Heptachlor
12	22.67	22.68	0.000000	12747	BV	.0027	Aldrin
13	24.32		0.000000	30826	BV	0.0000	
14	26.00	26.00	0.000000	3019111	HS	.8487	Endosulfan I
15	26.69	26.69	0.000000	27404	PV	.0073	4,4'-DDE
16	26.92	26.92	0.000000	5698017	GS	1.4802	Dieldrin
17	27.89	27.89	0.000000	4764396	GS	1.6222	Endrin
18	28.22	28.22	0.000000	4761167	FF	1.7458	4,4'-DDD
19	28.67		0.000000	59244	FF	0.0000	
20	29.07	29.07	0.000000	4880670	GS	1.7975	4,4'-DDT
21	29.55		0.000000	33368	BV	0.0000	
22	30.10		0.000000	29183	PV	0.0000	
23	30.22		0.000000	34917	VV	0.0000	
24	30.52		0.000000	16897	PV	0.0000	
25	31.76	31.74	0.000000	8068427	FF	6.8414	Methoxychlor
26	32.29	32.29	0.000000	233692	FF	.0616	Endrin ketone
27	33.65		0.000000	69737	BB	0.0000	
28	37.57		0.000000	35917	BB	0.0000	
29	39.90	#39.91	0.000000	7069094	BB	1.4547	Decachlorobiphenyl

Total Area : 56058160 Total PPB : 19.181

Report Time : 1911 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213015.RES

IEA Pesticide Standard Report

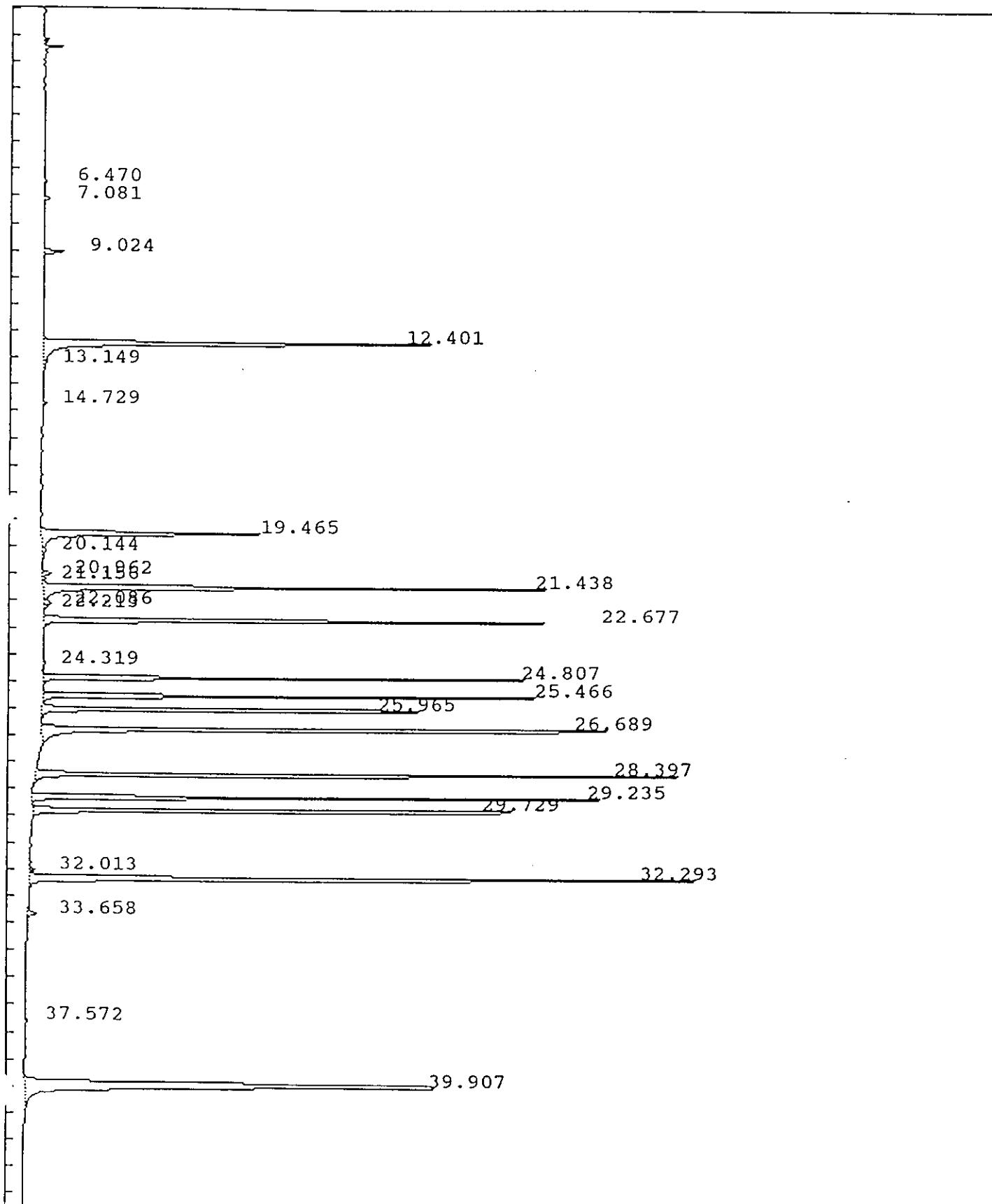
Sample Name : INDBH23 Inj on 0528 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213016.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

1323

Sample Name : INDBH23 Inj on 0528 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213016.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBH23 Report No : 243.13
 Result File : /DATA/LOOP/RESULT/A1213016.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0528 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 16 Bottle no. : 16

% Dil-Fact
100.00

Run Status : SignalOverload

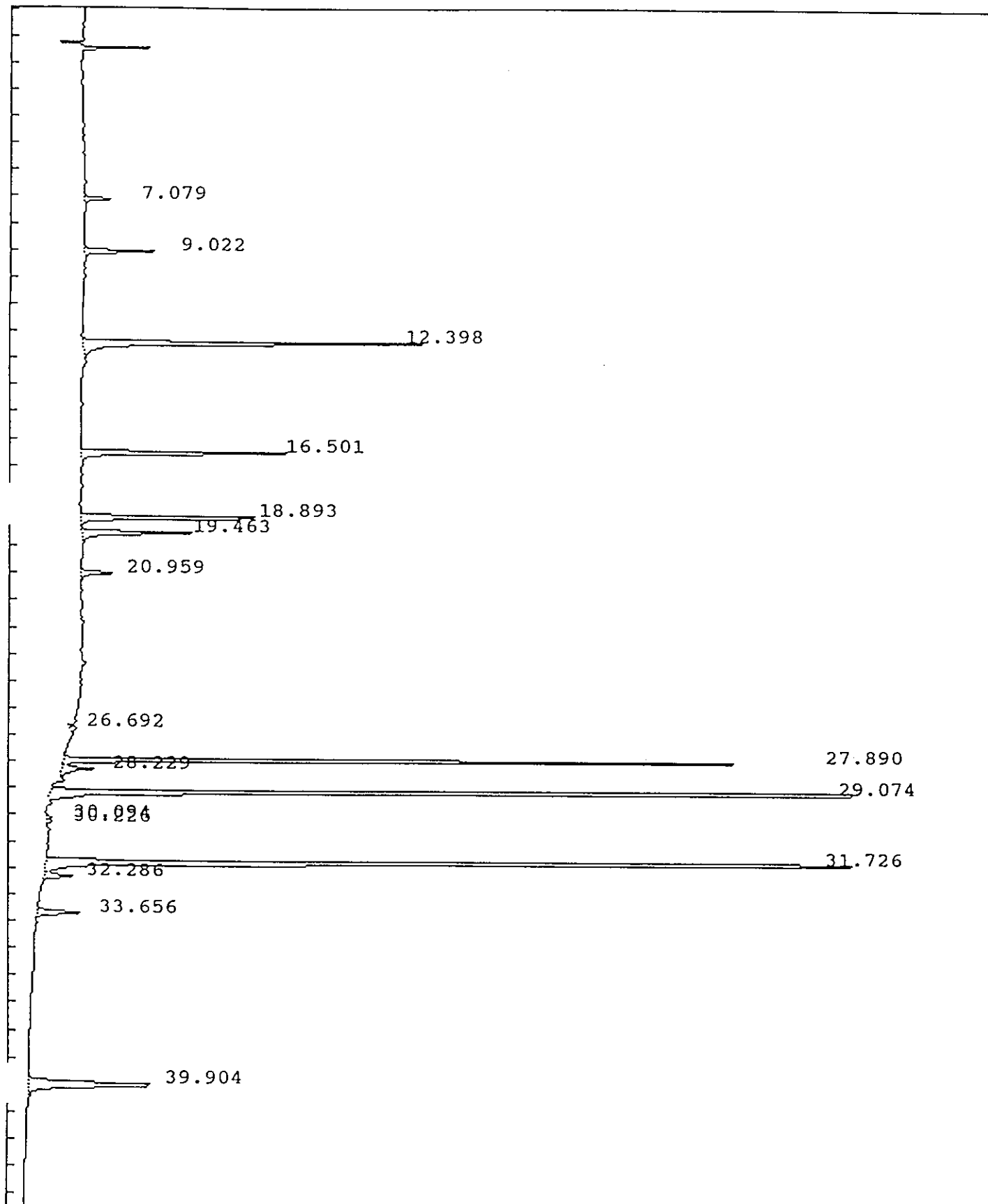
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.47		.083893	20254	BB	0.0000	
2	7.08		.100278	55468	BB	0.0000	
3	9.02		.117270	184470	BB	0.0000	
4	12.40	12.40	.128552	3976659	BV	.8162	Tetrachloro-m-xylene
5	13.15		.213303	42662	VB	0.0000	
6	14.73		.108894	34179	BB	0.0000	
7	19.47	19.47	.141960	2382115	BV	.7774	beta-BHC
8	20.14		.260327	76600	VV	0.0000	
9	20.96		.122502	81386	VV	0.0000	
10	21.16	21.16	.106653	22042	VB	.0053	Heptachlor
11	21.44	21.44	.109529	4362956	BV	.8843	delta-BHC
12	22.09		.128946	72590	VV	0.0000	
13	22.21		.119133	28111	VB	0.0000	
14	22.68	22.68	.097472	4116016	BB	.8719	Aldrin
15	24.32		.091682	22732	PB	0.0000	
16	24.81	24.81	.085238	3399447	BS	.8382	Heptachlor epoxide
17	25.47	25.47	.085182	3475765	HS	.8163	gamma-Chlordane
18	25.97	25.96	.084944	3615675	HS	.8066	alpha-Chlordane
19	26.69	26.69	.101431	5894628	GS	1.5638	4,4'-DDE
20	28.40	28.40	.086272	5043533	GS	1.5585	Endosulfan II
21	29.23	29.24	.083071	3945624	BS	1.2574	Endrin aldehyde
22	29.73	29.73	.085776	4766249	GS	1.6370	Endosulfan sulfate
23	32.01		.110681	42522	PV	0.0000	
24	32.29	32.29	.111658	6105653	HS	1.6098	Endrin ketone
25	33.66		.136832	80149	VB	0.0000	
26	37.57		.178573	36774	BB	0.0000	
27	39.91	#39.91	.220920	7027732	BB	1.4462	Decachlorobiphenyl

Total Area : 58912000 Total PPB : 14.889

Report Time : 1915 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213016.RES

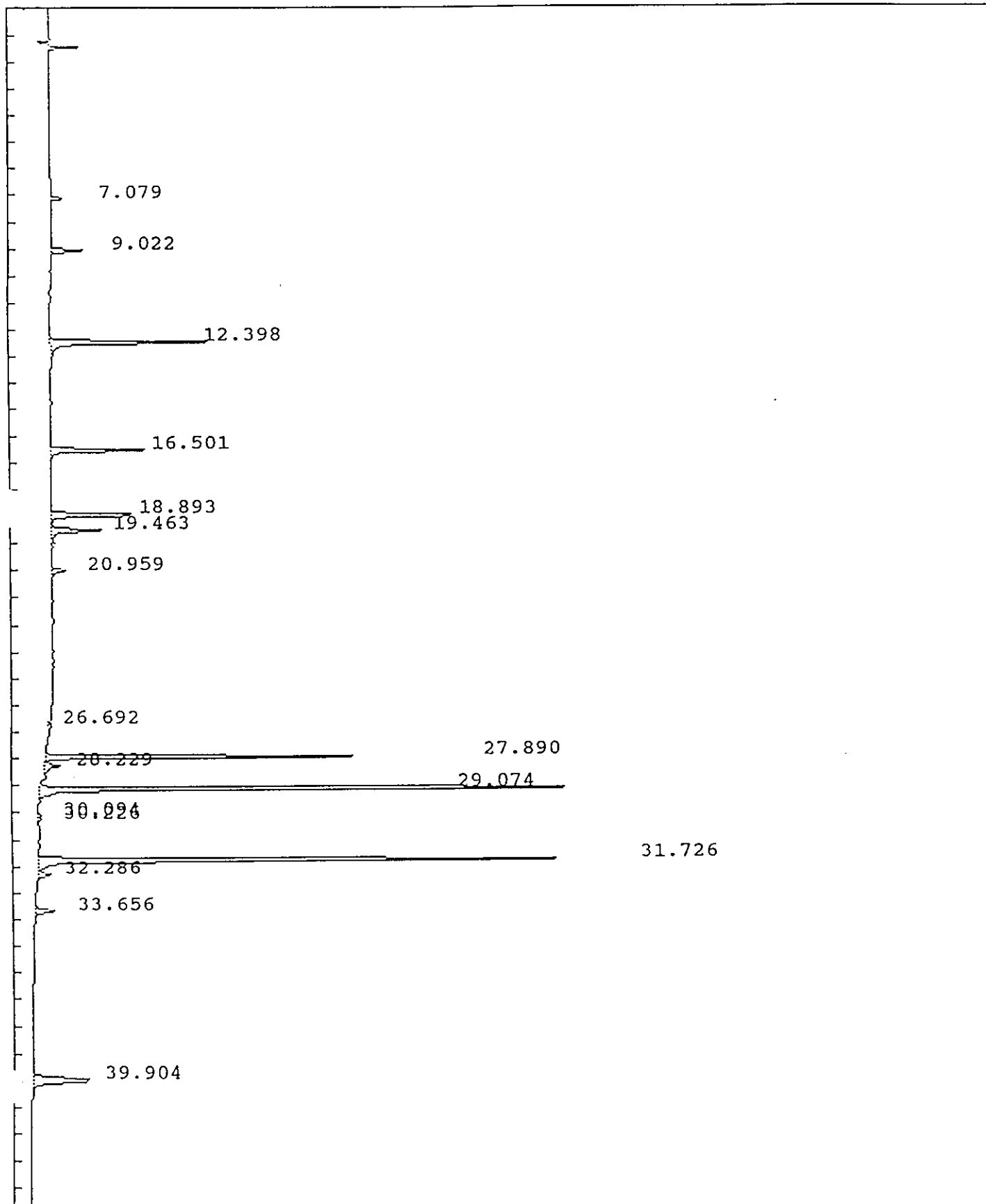
IEA Pesticide Standard Report

Sample Name : PEM49 Inj on 0716 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213018.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEM49 Inj on 0716 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213018.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEM49
 Result File : /DATA/LOOP/RESULT/A1213018.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0716 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 18
 Bottle no. : 18

Report No : 245.12

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

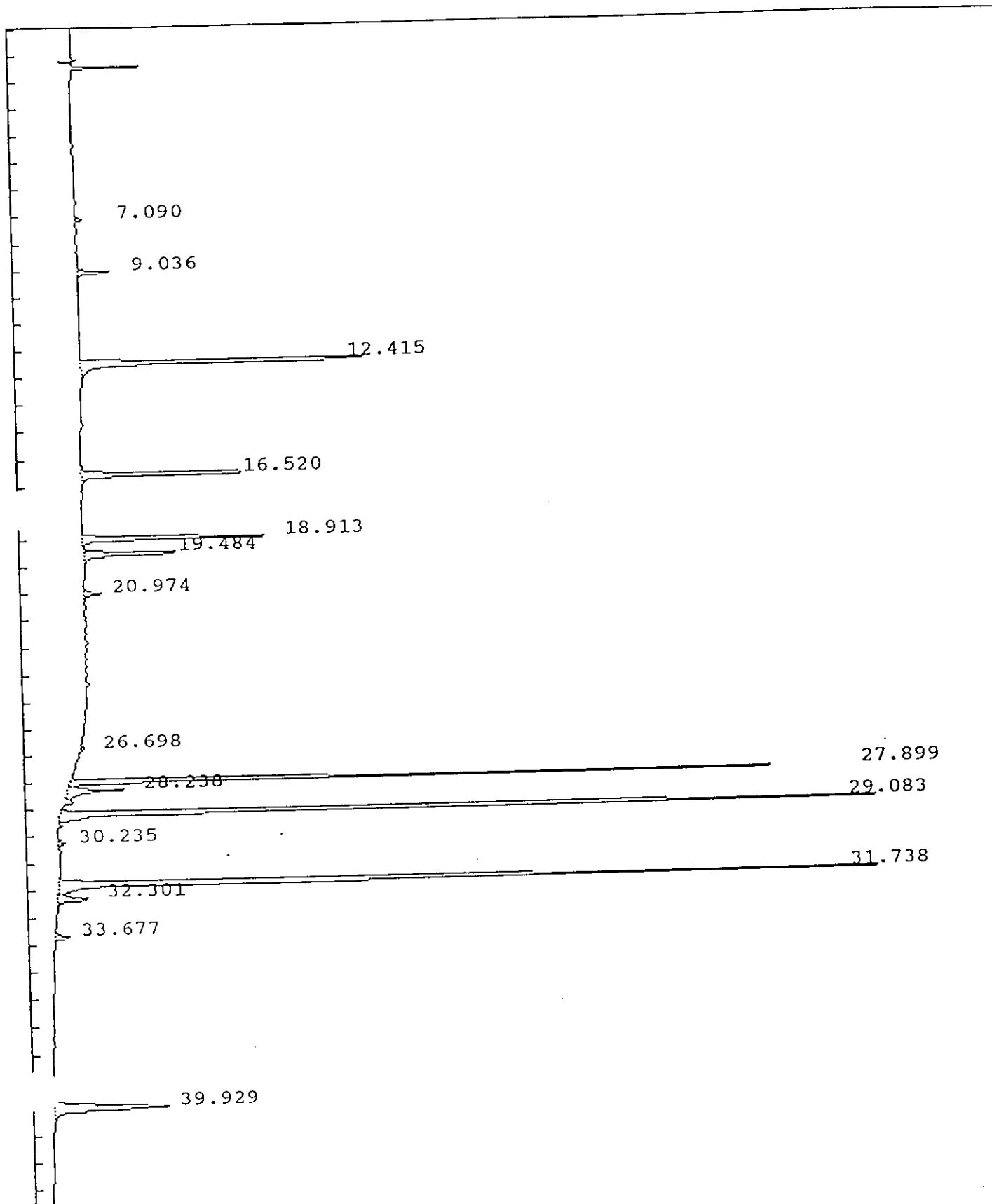
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.08		.099538	64734	BB	0.0000	
2	9.02		.116724	180210	BB	0.0000	
3	12.40	12.40	.124161	950923	BV	.1952	Tetrachloro-m-xylene
4	16.50	16.51	.113944	542169	BB	.0964	alpha-BHC
5	18.89	18.90	.118768	534146	BV	.0968	gamma-BHC (Lindane)
6	19.46	19.47	.132838	318188	PB	.1038	beta-BHC
7	20.96		.122957	91867	BV	0.0000	
8	26.69	26.69	.130225	25318	PB	.0067	4,4'-DDE
9	27.89	27.89	.075739	1507848	BV	.5134	Endrin
10	28.23	28.22	.141232	107907	VV	.0396	4,4'-DDD
11	29.07	29.07	.081795	2951707	BS	1.0871	4,4'-DDT
12	30.09		.096886	12447	BV	0.0000	
13	30.23		.104158	14673	VV	0.0000	
14	31.73	31.74	.109891	3032536	BV	2.5714	Methoxychlor
15	32.29	32.29	.140769	87109	VB	.0230	Endrin ketone
16	33.66		.143677	131469	BB	0.0000	
17	39.90	#39.91	.216962	586828	BB	.1208	Decachlorobiphenyl

Total Area : 11140082 Total PPB : 4.854

Report Time : 1928 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213018.RES

IEA Pesticide Standard Report

Sample Name : PEM53 Inj on 1026 12Mar1993
Result File : /DATA/LOOP/RESULT/A1213035.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEM53 Report No : 262.00
 Result File : /DATA/LOOP/RESULT/A1213035.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1026 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 35 Bottle no. : 35

% Dil-Fact
 100.00

Run Status : RunStatusOK

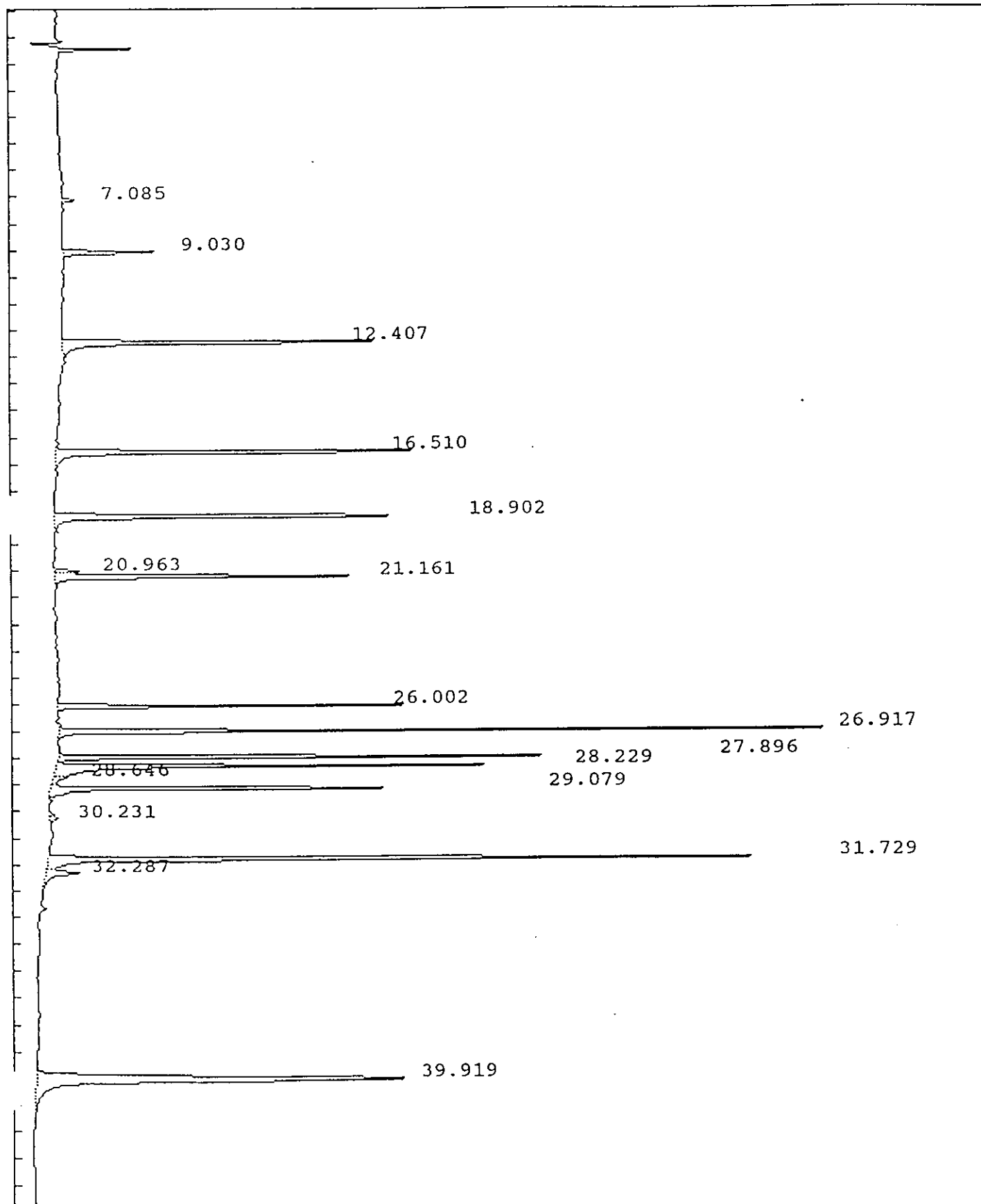
PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		.096136	16170	BB	0.0000	
2	9.04		.111746	85784	BB	0.0000	
3	12.42	12.40	.120666	880701	BB	.1808	Tetrachloro-m-xylene
4	16.52	16.51	.113218	500721	BB	.0890 ✓	alpha-BHC
5	18.91	18.90	.116493	480994	BV	.0872 ✓	gamma-BHC (Lindane)
6	19.48	19.47	.132355	303847	VB	.0992 ✓	beta-BHC
7	20.97		.116917	43796	BB	0.0000	
8	26.70	26.69	.100503	13762	PB	.0037	4,4'-DDE
9	27.90	27.89	.075456	1385879	BV	.4719 ✓	Endrin
10	28.24	28.22	.141299	180695	VV	.0663	4,4'-DDD
11	29.08	29.07	.080423	2490188	PV	.9171 ✓	4,4'-DDT
12	30.24		.104199	16918	VV	0.0000	
13	31.74	31.74	.108393	2555003	BV	2.1664 ✓	Methoxychlor
14	32.30	32.29	.145598	103205	VB	.0272	Endrin ketone
15	33.68		.139069	43666	BB	0.0000	
16	39.93	#39.91	.220233	524274	BB	.1079	Decachlorobiphenyl

Total Area : 9625602 Total PPB : 4.216

Report Time : 1113 12Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213035.RES

IEA Pesticide Standard Report

Sample Name : INDAM07 Inj on 2240 12Mar1993
Result File : /DATA/LOOP/RESULT/A1213048.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDAM07 Report No : 275.12
 Result File : /DATA/LOOP/RESULT/A1213048.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2240 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 48 Bottle no. : 48

% Dil-Fact
 100.00

Run Status : RunStatusOK
 SpecialInteg

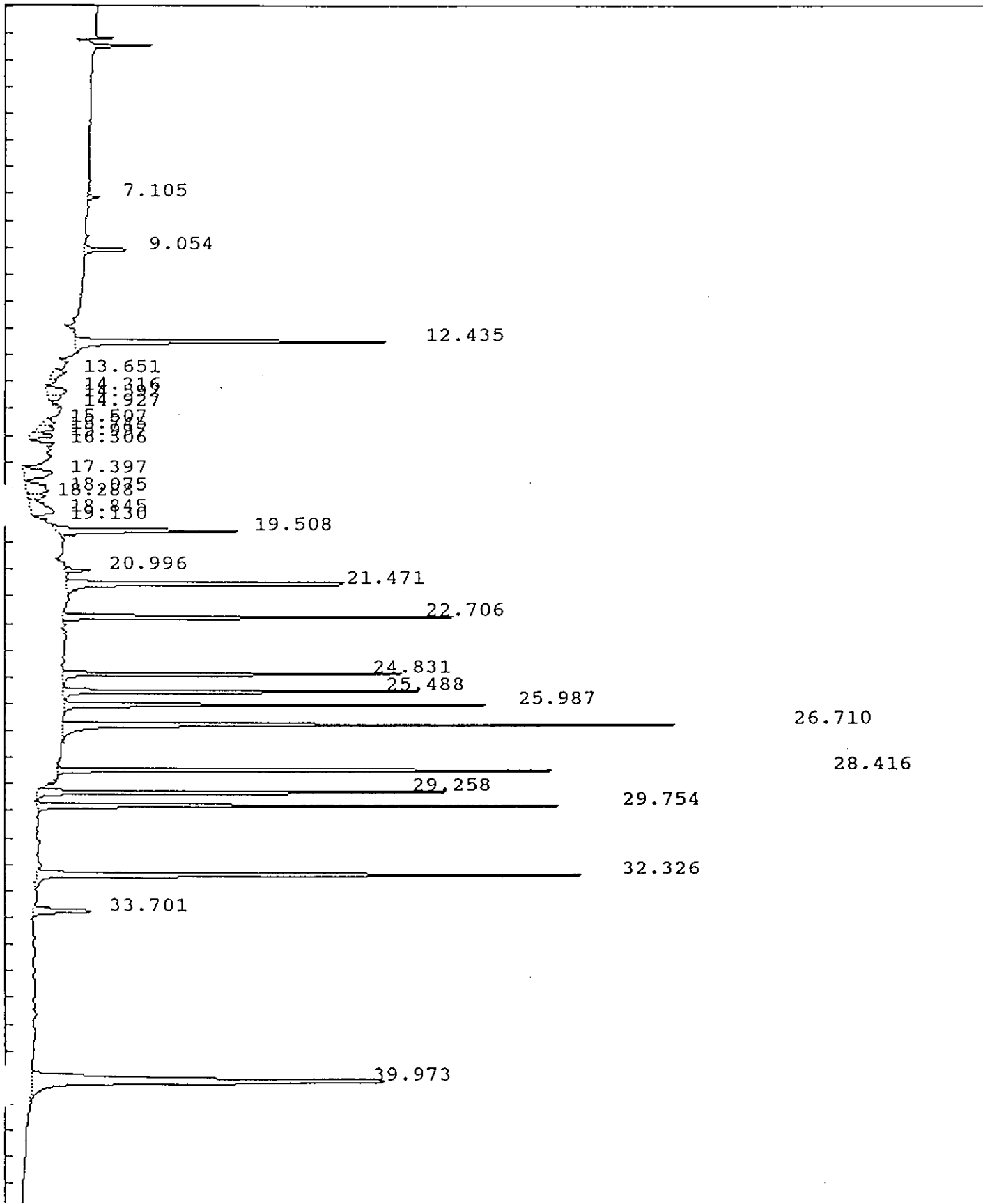
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.09		0.000000	29031	BB	0.0000	
2	9.03		0.000000	232401	BB	0.0000	
3	12.41	12.40	0.000000	875348	BV	.1797	✓ Tetrachloro-m-xylene
4	16.51	16.51	0.000000	1008924	VV	.1793	✓ alpha-BHC
5	18.90	18.90	0.000000	969641	BB	.1757	✓ gamma-BHC (Lindane)
6	20.96		0.000000	53552	BV	0.0000	
7	21.16	21.16	0.000000	733345	VB	.1749	✓ Heptachlor
8	26.00	26.00	0.000000	630617	BB	.1773	✓ Endosulfan I
9	26.92	26.92	0.000000	1382509	BB	.3592	✓ Dieldrin
10	27.90	27.89	0.000000	1008600	FF	.3434	✓ Endrin
11	28.23	28.22	0.000000	1021124	FF	.3744	✓ 4,4'-DDD
12	28.65		0.000000	40262	FF	0.0000	
13	29.08	29.07	0.000000	841531	FF	.3099	✓ 4,4'-DDT
14	30.23		0.000000	24036	VV	0.0000	
15	31.73	31.74	0.000000	1802982	BV	1.5288	✓ Methoxychlor
16	32.29	32.29	0.000000	139064	VB	.0367	Endrin ketone
17	39.92	#39.91	0.000000	1751988	BB	.3605	✓ Decachlorobiphenyl

Total Area : 12544956 Total PPB : 4.200

Report Time : 0842 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_048.MT
 Result File : /DATA/LOOP/RESULT/A1213048.RES

IEA Pesticide Standard Report

Sample Name : INDBM07 Inj on 0122 13Mar1993
 Result File : /DATA/LOOP/RESULT/A1213051.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBM07 Report No : 278.12
 Result File : /DATA/LOOP/RESULT/A1213051.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0122 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 51 Bottle no. : 51

% Dil-Fact
 100.00

Run Status : RunStatusOK
 SpecialInteg

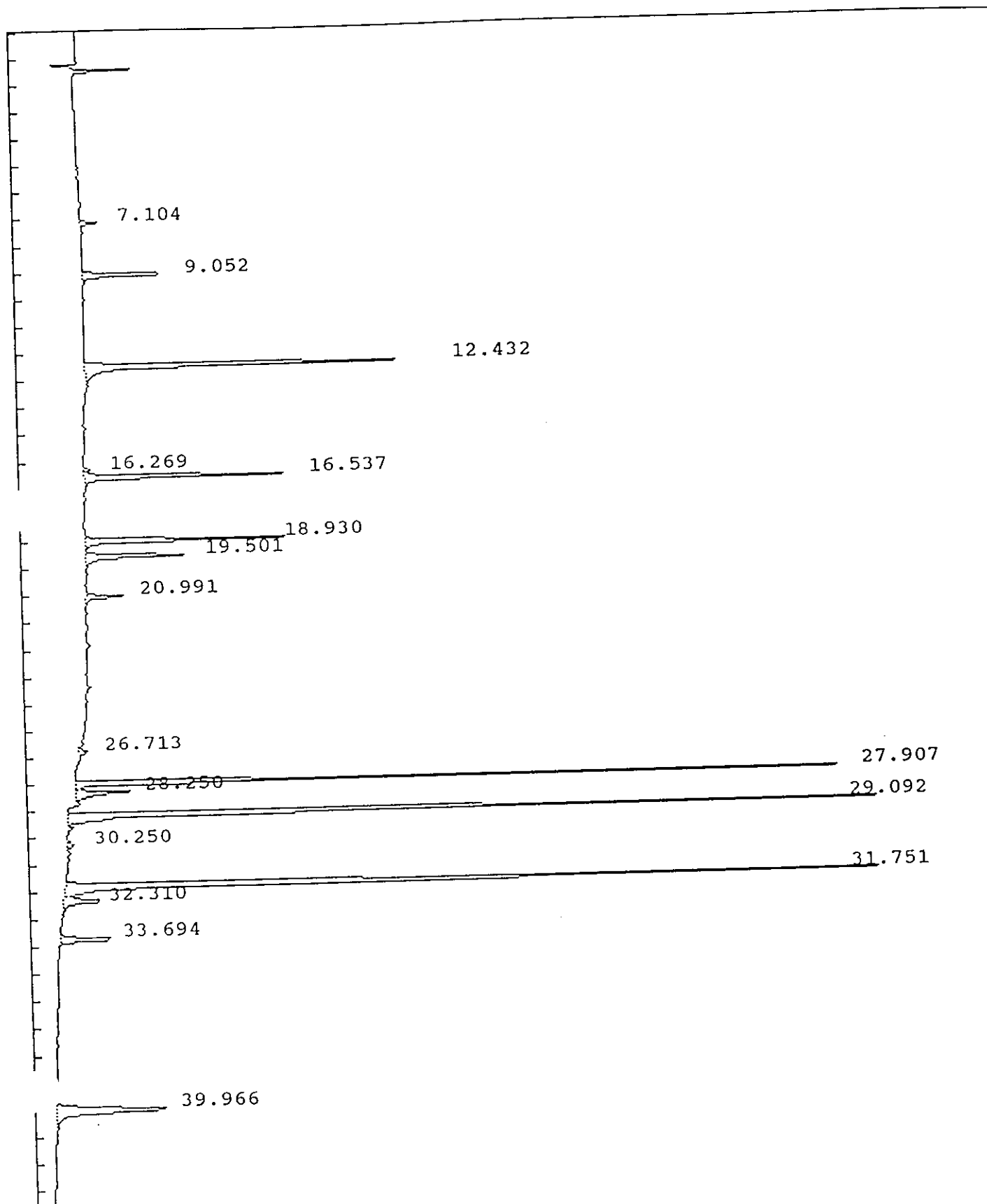
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		0.000000	26824	BB	0.0000	
2	9.05		0.000000	125340	BB	0.0000	
3	12.44	12.40	0.000000	857123	BB	.1759	Tetrachloro-m-xylene
4	13.65		0.000000	65663	VV	0.0000	
5	14.32		0.000000	121419	PV	0.0000	
6	14.59		0.000000	40477	VV	0.0000	
7	14.93		0.000000	29449	PB	0.0000	
8	15.51		0.000000	41077	PV	0.0000	
9	15.75		0.000000	54997	VV	0.0000	
10	16.00		0.000000	70879	VV	0.0000	
11	16.31		0.000000	44753	PB	0.0000	
12	17.40		0.000000	187104	PV	0.0000	
13	18.07		0.000000	152621	VV	0.0000	
14	18.29		0.000000	60325	VV	0.0000	
15	18.85		0.000000	176960	VV	0.0000	
16	19.13		0.000000	16114	PB	0.0000	
17	19.51	19.47	0.000000	543439	BB	.1774	beta-BHC
18	21.00		0.000000	68657	BV	0.0000	
19	21.47	21.44	0.000000	863965	PB	.1751	delta-BHC
20	22.71	22.68	0.000000	855217	BB	.1812	Aldrin
21	24.83	24.81	0.000000	754784	BV	.1861	Heptachlor epoxide
22	25.49	25.47	0.000000	796549	VV	.1871	gamma-Chlordane
23	25.99	26.00	0.000000	833506	VB	0.1860-2343	Endosulfan-I <small>ALPHA-CHLORDANE</small>
24	26.71	26.69	0.000000	1391876	BB	.3693	4,4'-DDE <small>3/16/93</small>
25	28.42	28.40	0.000000	1165643	BV	.3602	Endosulfan II <small>APC</small>
26	29.26	29.24	0.000000	942130	FF	.3002	Endrin aldehyde
27	29.75	29.73	0.000000	1065501	FF <small>APC</small>	.3659	Endosulfan sulfate <small>3/16/93</small>
28	32.33	32.29	0.000000	1362468	VV	.3592	Endrin ketone
29	33.70		0.000000	196994	BV	0.0000	
30	39.97	#39.91	0.000000	1739389	BB	.3579	Decachlorobiphenyl

Total Area : 14651246 Total PPB : 3.430

Report Time : 0921 16Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213051.RES

IEA Pesticide Standard Report

Sample Name : PEM55 Inj on 1113 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213062.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEM55
 Result File : /DATA/LOOP/RESULT/A1213062.RES
 Column Type : RTX-35 30 Meter,0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1113 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 62 Bottle no. : 62

Report No :289.10

Inj. Vol. : 1 ul

% Dil-Fact
100.00

Run Status : RunStatusOK

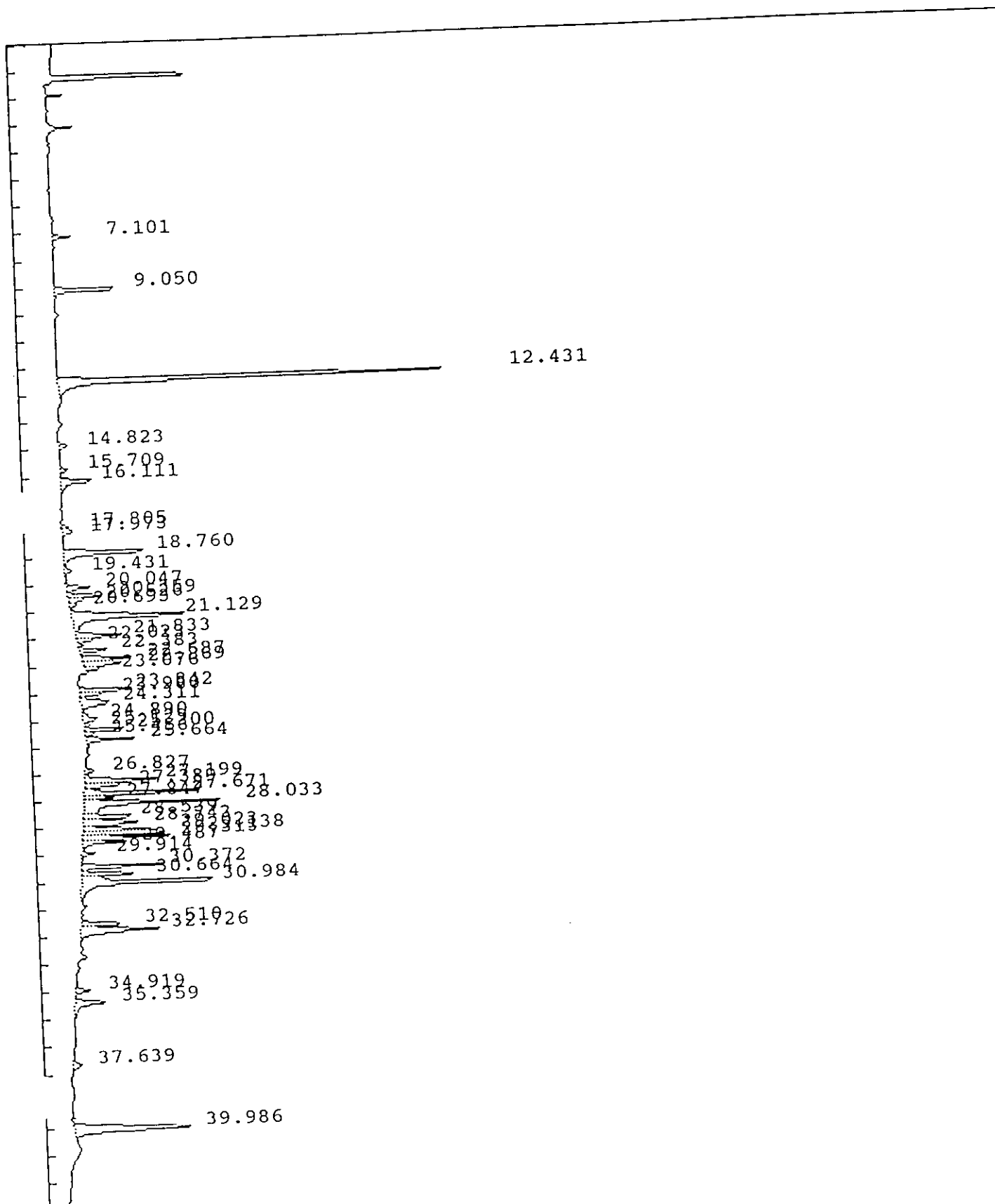
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.097840	35036	BB	0.0000	
2	9.05		.118139	238714	BB	0.0000	
3	12.43	12.40	.124841	908319	BV	.1864	Tetrachloro-m-xylene
4	16.27		.120582	17080	BV	0.0000	
5	16.54	16.51	.115300	521713	VB	.0927	✓ alpha-BHC
6	18.93	18.90	.119566	505021	BV	.0915	✓ gamma-BHC (Lindane)
7	19.50	19.47	.136915	307149	VB	.1002	✓ beta-BHC
8	20.99		.119064	100524	BB	0.0000	
9	26.71	26.69	.142108	26867	PV	.0071	4,4'-DDE
10	27.91	27.89	.075628	1389449	BV	.4731	✓ Endrin
11	28.25	28.22	.131988	166014	VB	.0609	4,4'-DDD
12	29.09	29.07	.083190	2486928	PV	.9159	✓ 4,4'-DDT
13	30.25		.107318	17197	VV	0.0000	
14	31.75	31.74	.112031	2497913	BV	2.1180	✓ Methoxychlor
15	32.31	32.29	.172369	146389	VB	.0386	Endrin ketone
16	33.69		.143947	168113	BB	0.0000	
17	39.97	#39.91	.228764	522962	BB	.1076	Decachlorobiphenyl

Total Area : 10055390 Total PPB : 4.192

Report Time : 0926 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_062.MT
 Result File : /DATA/LOOP/RESULT/A1213062.RES

IEA Pesticide Standard Report

Sample Name : AR166059 Inj on 1542 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213067.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul

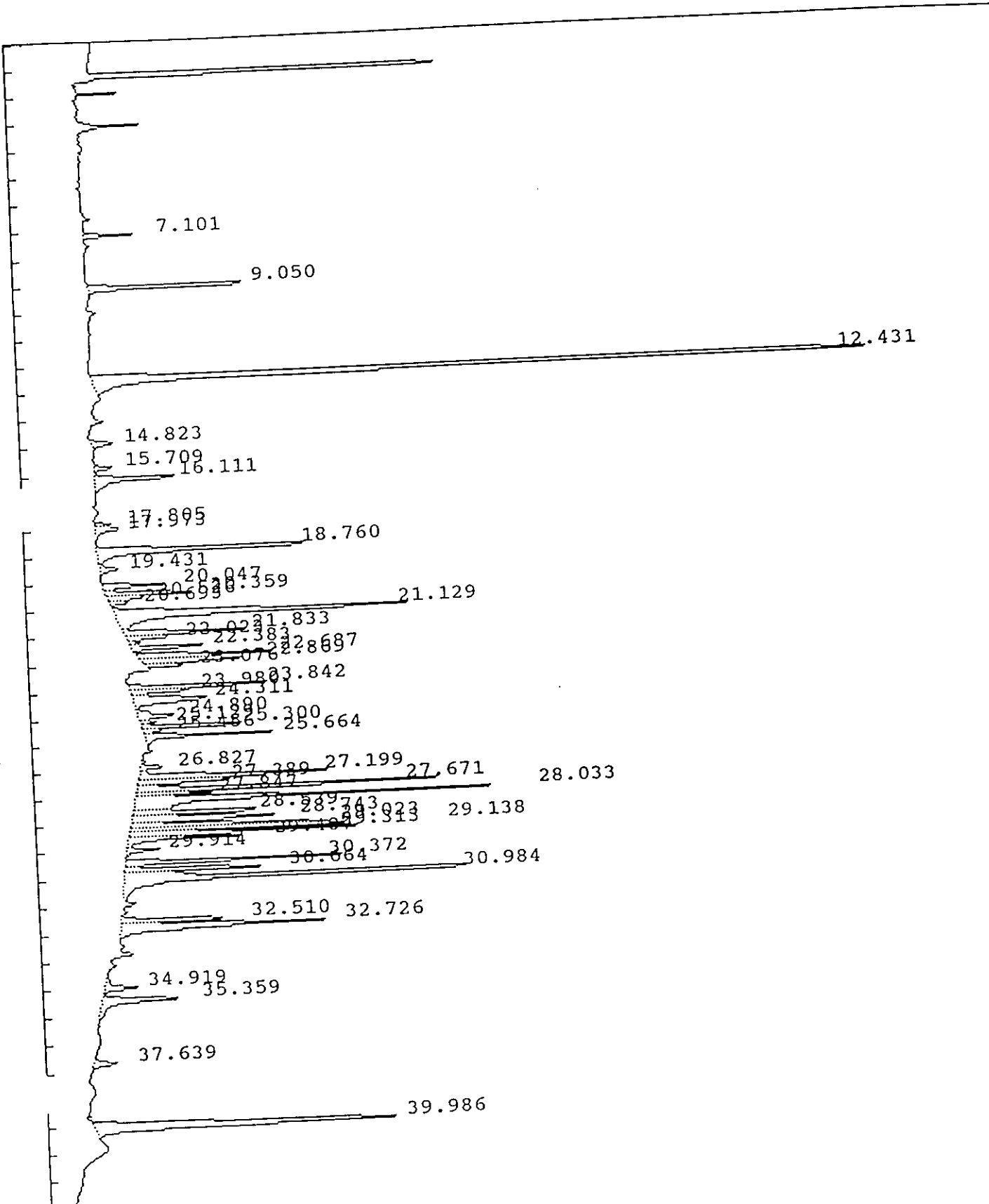


IEA Pesticide Standard Report

Sample Name : AR166059
Result File : /DATA/LOOP/RESULT/A1213067.RES
Column Type : RTX-35 30-Meter, 0.53mm ID

Inj on 1542 13Mar1993

INSTRUMENT: HP58901A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR166059 Report No : 294.00
 Result File : /DATA/LOOP/RESULT/A1213067.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1542 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 67 Bottle no. : 67

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.097576	39024	BB	0.0000	
2	9.05		.114853	169275	BB	0.0000	
3	12.43	12.40	.122303	1048566	BV	.2152	Tetrachloro-m-xylene
4	14.82		.170245	27318	BB	0.0000	
5	15.71		.124175	18812	BV	0.0000	
6	16.11		.164449	110822	VB	0.0000	
7	17.80		.122082	14785	BV	0.0000	
8	17.97		.164182	33774	VB	0.0000	
9	18.76		.165322	287004	BV	0.0000	
10	19.43	19.47	.182131	24999	VB	.0082	beta-BHC
11	20.05		.134183	65340	BV	0.0000	
12	20.36		.119624	86236	VV	0.0000	
13	20.53		.114086	33414	VV	0.0000	
14	20.69		.122134	19079	VV	0.0000	
15	21.13	21.16	.201894	451219	PV	.1076	Heptachlor
16	21.83		.129463	122540	VV	0.0000	
17	22.02		.105724	32553	VV	0.0000	
18	22.38		.102061	64296	VV	0.0000	
19	22.69	22.68	.116562	121230	PV	.0257	Aldrin
20	22.87		.131027	118216	VV	0.0000	
21	23.08		.081254	26106	VV	0.0000	
22	23.84		.093935	120866	BV	0.0000	
23	23.98		.104641	56293	VV	0.0000	
24	24.31		.180856	129695	VV	0.0000	
25	24.89		.173936	47922	VV	0.0000	
26	25.13		.096352	12567	VV	0.0000	
27	25.30		.085041	92574	VV	0.0000	
28	25.46	25.47	.101362	16523	VV	.0039	gamma-Chlordane
29	25.66		.097658	103307	VB	0.0000	
30	26.83		.114278	23884	BV	0.0000	
31	27.20		.134111	209185	VV	0.0000	
32	27.39		.115991	78759	VV	0.0000	
33	27.67		.090294	257489	VV	0.0000	
34	27.85	27.89	.102187	62656	VV	.0213	Endrin
35	28.03		.122737	381012	VV	0.0000	
36	28.54		.097341	130205	VV	0.0000	
37	28.74		.154196	171995	VV	0.0000	
38	29.02	29.07	.091063	137738	VV	.0507	4,4'-DDT
39	29.14		.090496	201203	VV	0.0000	
40	29.31		.088259	173645	VV	0.0000	

IEA Pesticide Standard Report

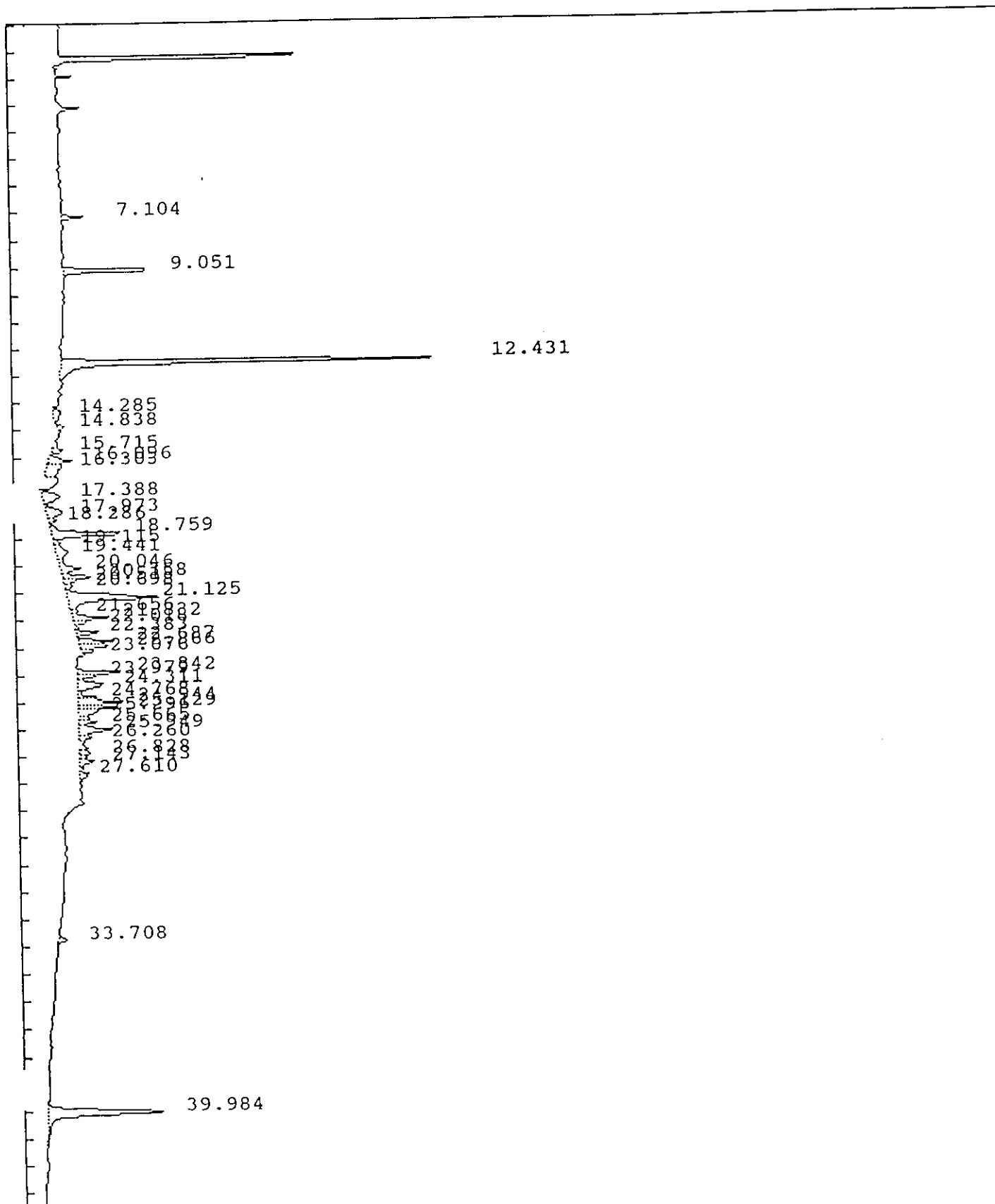
k#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	29.49		.101766	100934	VV	0.0000	
42	29.91		.104901	30550	VB	0.0000	
43	30.37		.098231	177195	BV	0.0000	
44	30.66		.118271	137699	VV	0.0000	
45	30.98		.141038	479279	VV	0.0000	
46	32.51		.120199	107082	VV	0.0000	
47	32.73		.163550	258602	VV	0.0000	
48	34.92		.160496	41248	BV	0.0000	
49	35.36		.196679	116580	VB	0.0000	
50	37.64		.176164	31050	BB	0.0000	
51	39.99	#39.91	.209023	472988	BV	.0973	Decachlorobiphenyl

Total Area : 7275335 Total PPB : .530

Report Time : 1629 13Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213067.RES

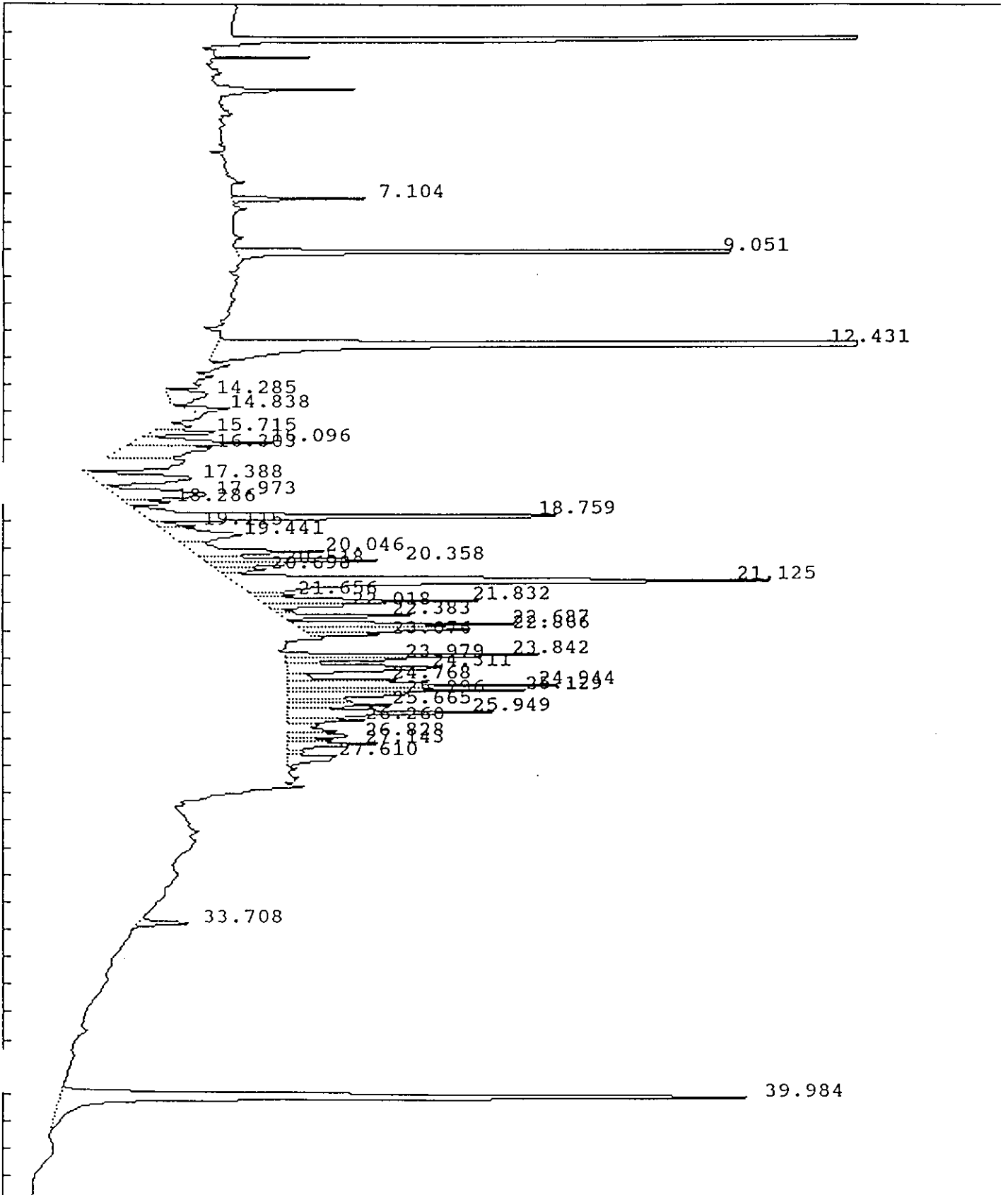
IEA Pesticide Standard Report

Sample Name : AR124259 Inj on 1636 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213068.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR124259 Inj on 1636 13Mar1993
 Result File : /DATA/LOOP/RESULT/A1213068.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR124259 Report No : 295.00
 Result File : /DATA/LOOP/RESULT/A1213068.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1636 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 68 Bottle no. : 68

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.099283	44963	BB	0.0000	
2	9.05		.118029	244561	BB	0.0000	
3	12.43	12.40	.126572	1053541	BV	.2162	Tetrachloro-m-xylene
4	14.28		.384585	48375	PV	0.0000	
5	14.84		.178033	26646	PB	0.0000	
6	15.72		.149950	31479	VV	0.0000	
7	16.10		.161381	72861	VV	0.0000	
8	16.30		.387620	104256	VV	0.0000	
9	17.39		.317811	101764	PV	0.0000	
10	17.97		.299879	90662	VV	0.0000	
11	18.29		.137468	21264	VV	0.0000	
12	18.76		.180259	262840	VV	0.0000	
13	19.11		.123958	15760	VV	0.0000	
14	19.44	19.47	.342722	80092	VV	.0261	beta-BHC
15	20.05		.201536	85796	VV	0.0000	
16	20.36		.134007	83123	VV	0.0000	
17	20.52		.111556	27719	VV	0.0000	
18	20.70		.155700	25468	VV	0.0000	
19	21.13	21.16	.243511	426794	VV	.1018	Heptachlor
20	21.66		.128367	18141	VV	0.0000	
21	21.83		.131079	96173	VV	0.0000	
22	22.02		.115042	29852	VV	0.0000	
23	22.38		.105321	52181	VV	0.0000	
24	22.69	22.68	.116985	87808	PV	.0186	Aldrin
25	22.87		.129045	88712	VV	0.0000	
26	23.08		.083158	22111	VV	0.0000	
27	23.84		.094323	96526	BV	0.0000	
28	23.98		.106310	47733	VV	0.0000	
29	24.31		.184646	118347	VV	0.0000	
30	24.77	24.81	.109967	49022	VV	.0121	Heptachlor epoxide
31	24.94		.127598	115621	VV	0.0000	
32	25.13		.118829	97254	VV	0.0000	
33	25.30		.157258	66443	VV	0.0000	
34	25.66		.126266	44390	VV	0.0000	
35	25.95	25.96	.165618	124997	VV	.0279	alpha-Chlordane
36	26.26		.124506	32457	VV	0.0000	
37	26.83		.108921	27396	VV	0.0000	
38	27.14		.122445	43217	VV	0.0000	
39	27.61		.188172	37112	VV	0.0000	
40	33.71		.140882	23198	BB	0.0000	

IEA Pesticide Standard Report

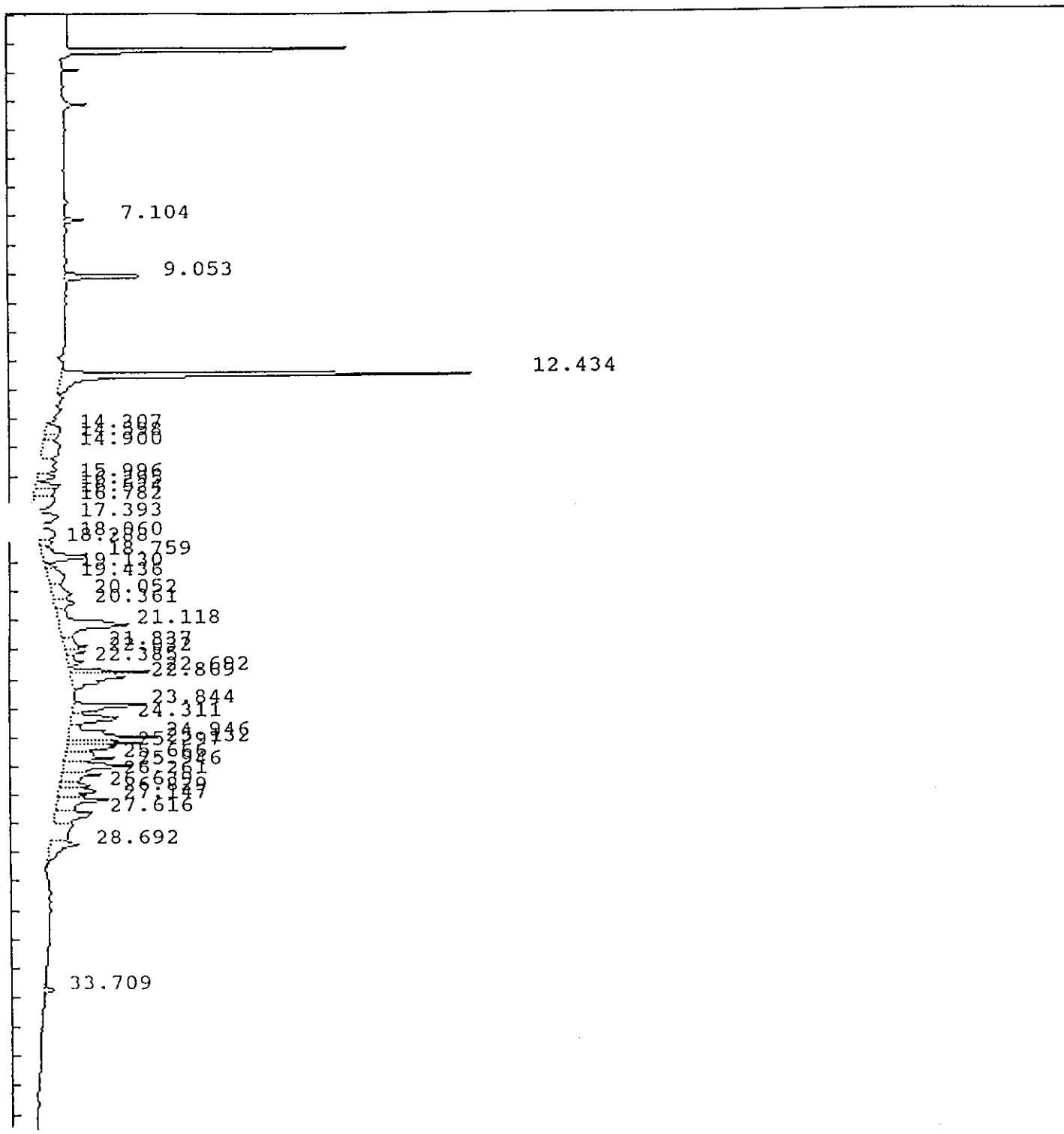
pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	39.98	#39.91	.233985	521058	BB	.1072	Decachlorobiphenyl

Total Area : 4687715 Total PPB : .510

Report Time : 1723 13Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213068.RES

IEA Pesticide Standard Report

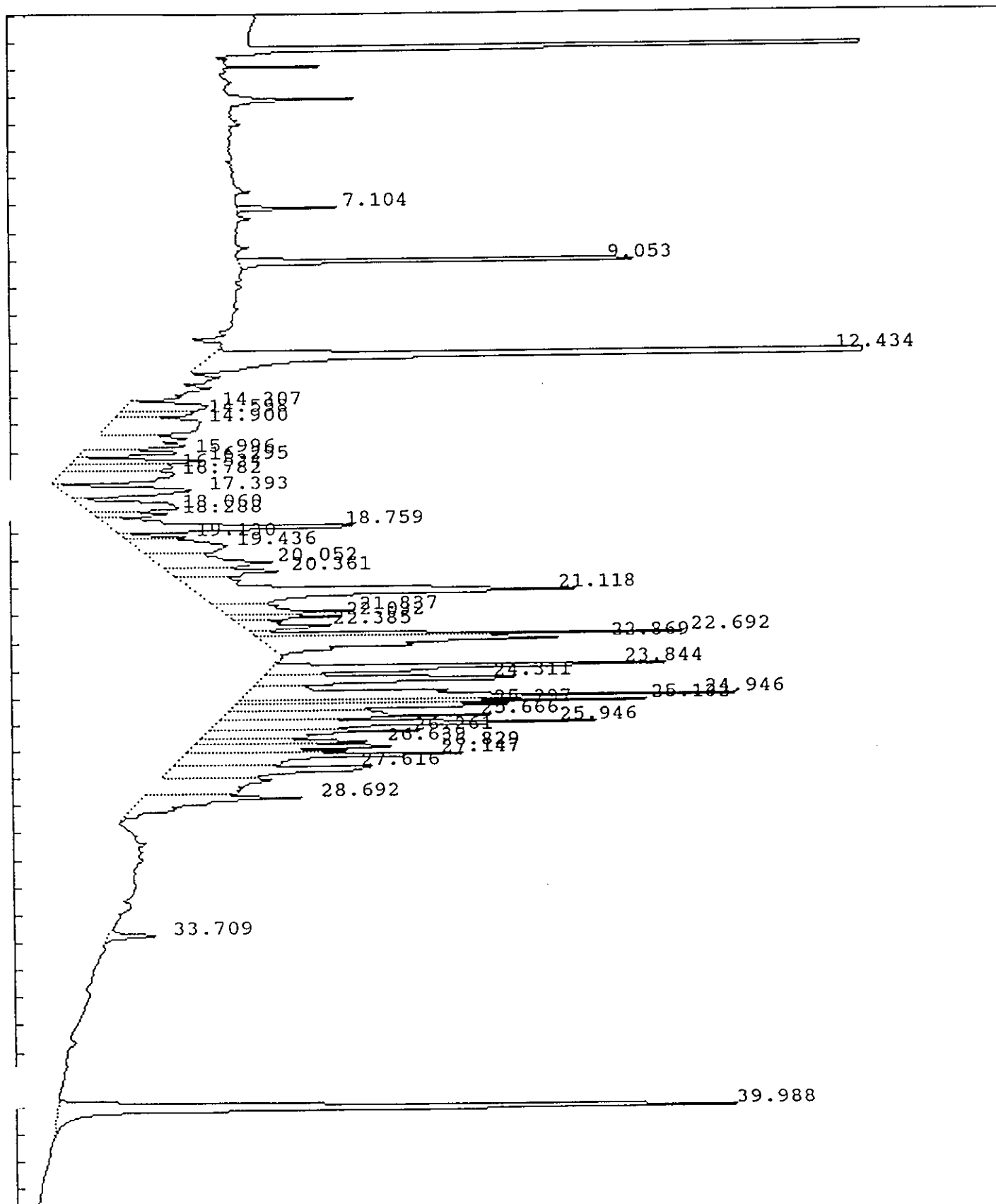
Sample Name : AR124859 Inj on 1730 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213069.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



39.988

IEA Pesticide Standard Report

Sample Name : AR124859 Inj on 1730 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213069.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

ample Name : AR124859 Report No : 296.00
 Result File : /DATA/LOOP/RESULT/A1213069.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1730 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 69 Bottle no. : 69

% Dil-Fact
 100.00

Run Status : RunStatusOK

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.097008	35511	BB	0.0000	
2	9.05		.116227	203677	BB	0.0000	
3	12.43	12.40	.127481	1086154	BV	.2229	Tetrachloro-m-xylene
4	14.31		.329284	86431	PV	0.0000	
5	14.60		.165960	40891	VV	0.0000	
6	14.90		.588194	173167	VV	0.0000	
7	16.00		.188157	62318	VV	0.0000	
8	16.29		.195707	85473	VV	0.0000	
9	16.52	16.51	.208225	72715	VV	.0129	alpha-BHC
10	16.78		.412845	154636	VV	0.0000	
11	17.39		.326087	143287	PV	0.0000	
12	18.06		.371224	115858	VV	0.0000	
13	18.29		.158662	42564	VV	0.0000	
14	18.76		.237977	213176	VV	0.0000	
15	19.13		.128109	27420	VV	0.0000	
16	19.44	19.47	.452447	138632	VV	.0452	beta-BHC
17	20.05		.329317	127440	VV	0.0000	
18	20.36		.243308	96157	VV	0.0000	
19	21.12	21.16	.332820	430593	VV	.1027	Heptachlor
20	21.84		.213021	97522	VV	0.0000	
21	22.03		.137345	53813	VV	0.0000	
22	22.39		.200007	67237	VV	0.0000	
23	22.69	22.68	.117812	180704	VV	.0383	Aldrin
24	22.87		.213327	257325	VB	0.0000	
25	23.84		.135405	234713	BV	0.0000	
26	24.31		.182796	204770	VV	0.0000	
27	24.95		.186745	328946	VV	0.0000	
28	25.13		.121840	178223	VV	0.0000	
29	25.30		.155195	167238	VV	0.0000	
30	25.67		.179479	168169	VV	0.0000	
31	25.95	25.96	.190949	269111	VV	.0600	alpha-Chlordane
32	26.26		.206835	154549	VV	0.0000	
33	26.64	26.69	.137089	86676	VV	.0230	4,4'-DDE
34	26.83		.207008	167947	VV	0.0000	
35	27.15		.185078	215241	VV	0.0000	
36	27.62		.282068	208500	VV	0.0000	
37	28.69		.273603	156040	VV	0.0000	
38	33.71		.159292	27735	BB	0.0000	
39	39.99	#39.91	.222849	519650	BB	.1069	Decachlorobiphenyl

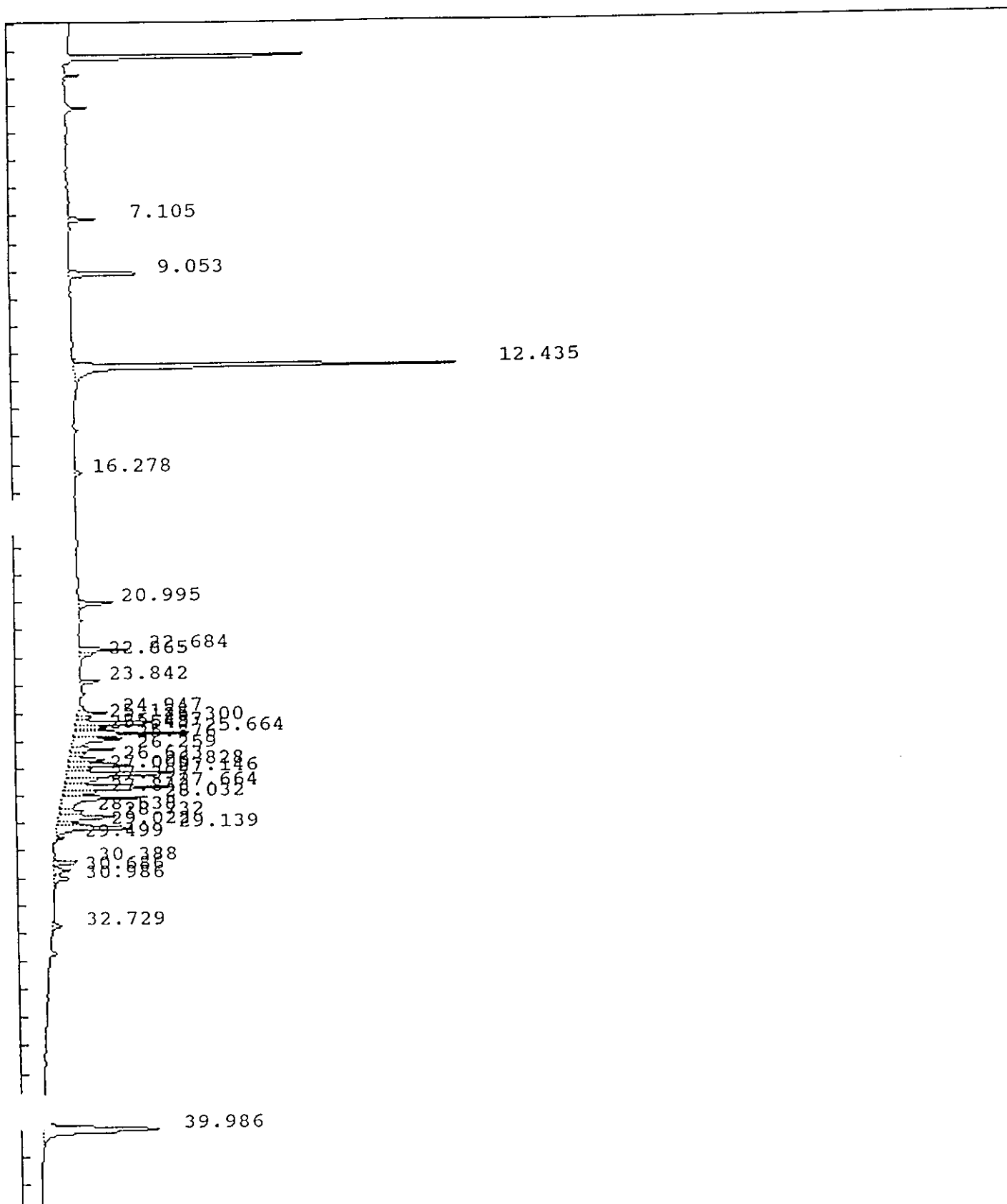
Total Area : 7080213 Total PPB : .612 1343

IEA Pesticide Standard Report

Report Time : 1817 13Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213069.RES

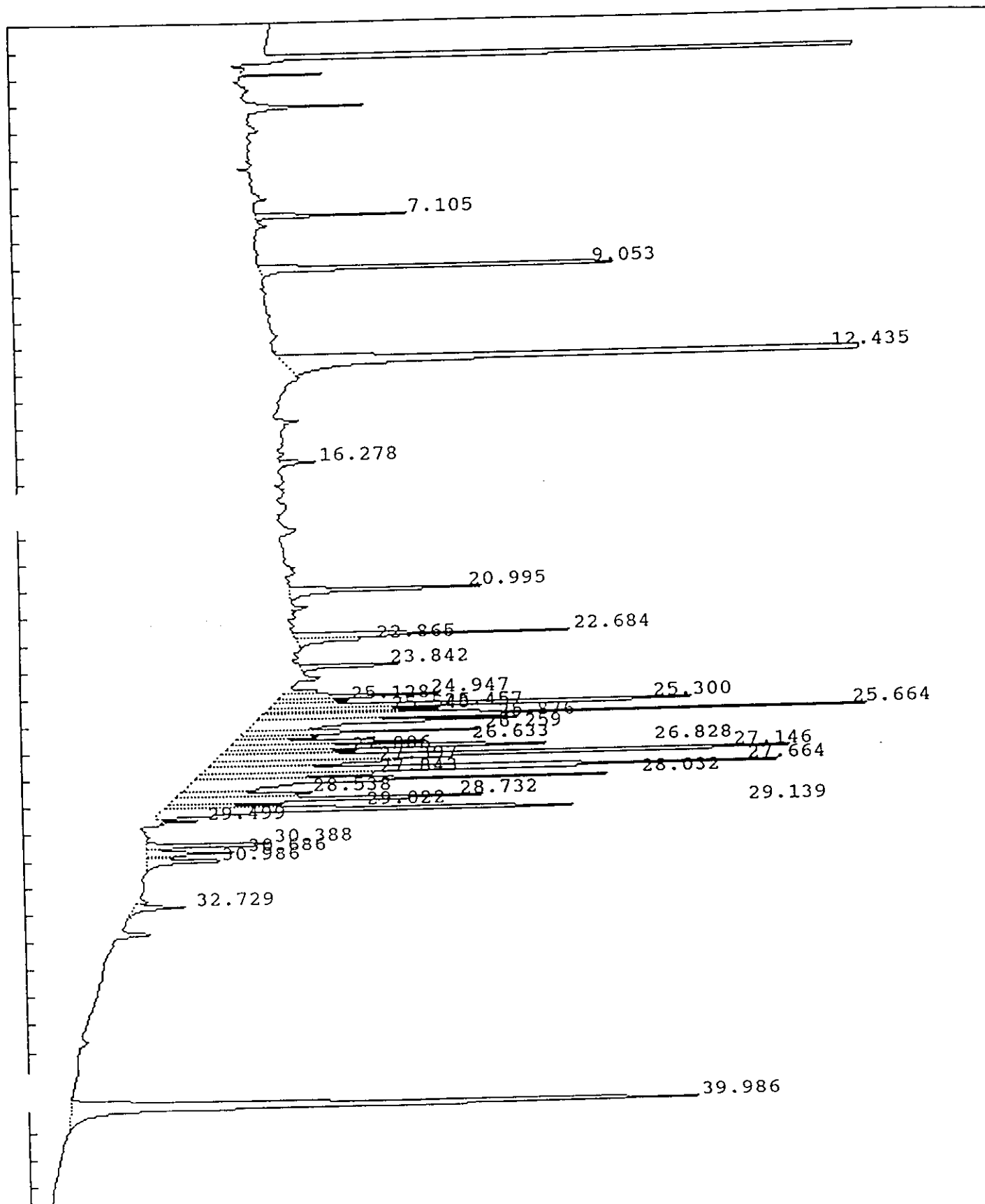
IEA Pesticide Standard Report

Sample Name : AR125459 Inj on 1824 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213070.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR125459 Inj on 1824 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213070.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR125459 Report No : 297.00
 Result File : /DATA/LOOP/RESULT/A1213070.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 1824 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 70 Bottle no. : 70

% Dil-Fact
 100.00

Run Status : RunStatusOK

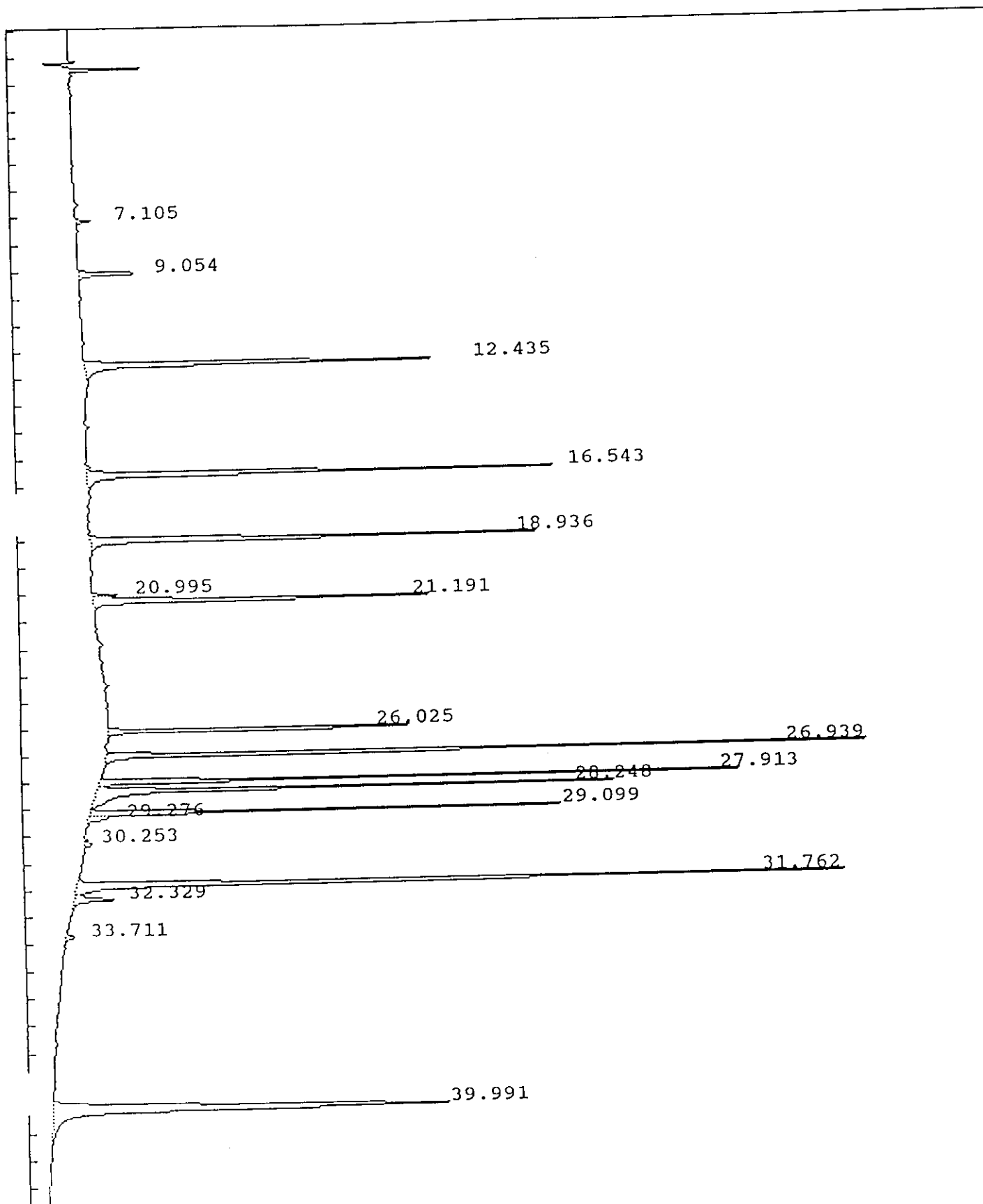
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.099587	58500	BB	0.0000	
2	9.05		.116582	191988	BB	0.0000	
3	12.44	12.40	.124166	1029300	BV	.2113	Tetrachloro-m-xylene
4	16.28		.123559	16719	BB	0.0000	
5	21.00		.127722	100480	BB	0.0000	
6	22.68	22.68	.100348	110197	BV	.0233	Aldrin
7	22.87		.136019	38268	VB	0.0000	
8	23.84		.093797	46502	BB	0.0000	
9	24.95		.107717	65852	VV	0.0000	
10	25.13		.110280	30116	VV	0.0000	
11	25.30		.091807	198290	VV	0.0000	
12	25.46	25.47	.090822	60773	VV	.0143	gamma-Chlordane
13	25.55		.062863	30348	VV	0.0000	
14	25.66		.102709	254068	VV	0.0000	
15	25.88		.159569	162820	VV	0.0000	
16	26.26		.105581	98173	VV	0.0000	
17	26.63	26.69	.113416	95927	VV	.0254	4,4'-DDE
18	26.83		.100097	153662	VV	0.0000	
19	27.01		.090859	49207	VV	0.0000	
20	27.15		.122847	343571	VV	0.0000	
21	27.40		.130231	78812	VV	0.0000	
22	27.66		.164162	345109	VV	0.0000	
23	27.84	27.89	.117877	75714	VV	.0258	Endrin
24	28.03		.157000	270074	VV	0.0000	
25	28.54		.095191	61161	VV	0.0000	
26	28.73		.142645	181364	VV	0.0000	
27	29.02	29.07	.101812	71555	VV	.0264	4,4'-DDT
28	29.14		.099601	210095	VV	0.0000	
29	29.50		.065419	10853	PV	0.0000	
30	30.39		.104628	63835	BV	0.0000	
31	30.69		.122554	39928	VV	0.0000	
32	30.99		.140399	46330	VB	0.0000	
33	32.73		.141191	26788	VB	0.0000	
34	39.99	#39.91	.226004	517012	BB	.1064	Decachlorobiphenyl

Total Area : 5133391 Total PPB : .433

Report Time : 1911 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213070.RES

IEA Pesticide Standard Report

Sample Name : INDAM09 Inj on 2106 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213073.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

ample Name : INDAM09 Report No : 300.00
 Result File : /DATA/LOOP/RESULT/A1213073.RES Inj. Vol. : 1 ul
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2106 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 73 Bottle no. : 73

% Dil-Fact
 100.00

Run Status : RunStatusOK

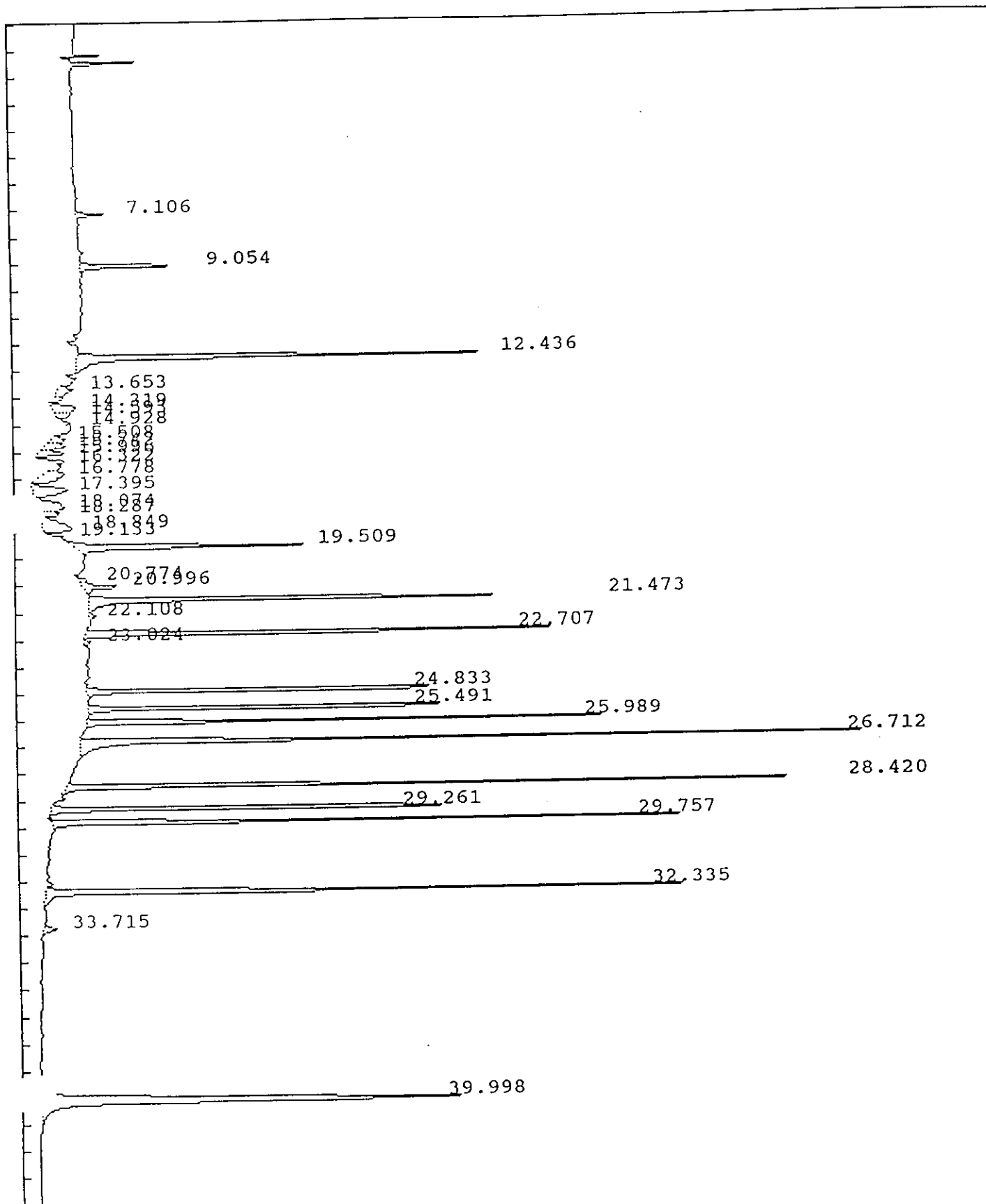
PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.11		.099106	30854	BB	0.0000	
2	9.05		.115920	163774	BB	0.0000	
3	12.43	12.40	.124598	971591	BV	.1994	✓ Tetrachloro-m-xylene
4	16.54	16.51	.117771	1180036	VV	.2097	✓ alpha-BHC
5	18.94	18.90	.118473	1108970	BB	.2009	✓ gamma-BHC (Lindane)
6	20.99		.099875	58500	BV	0.0000	
7	21.19	21.16	.113270	842515	VB	.2009	✓ Heptachlor
8	26.02	26.00	.079911	720913	BB	.2027	✓ Endosulfan I
9	26.94	26.92	.076556	1567516	BB	.4072	✓ Dieldrin
10	27.91	27.89	.075741	1135446	BV	.3866	✓ Endrin
11	28.25	28.22	.096741	1191503	VV	.4369	✓ 4,4'-DDD
12	29.10	29.07	.077402	838791	VV	.3089	✓ 4,4'-DDT
13	29.28	29.24	.144294	61892	VV	.0197	Endrin aldehyde
14	30.25		.116648	22262	VV	0.0000	
15	31.76	31.74	.109639	1899061	BV	1.6103	✓ Methoxychlor
16	32.33	32.29	.167346	142903	VB	.0377	Endrin ketone
17	33.71		.139591	26355	BB	0.0000	
18	39.99	#39.91	.238149	1872833	BB	.3854	✓ Decachlorobiphenyl

Total Area : 13835714 Total PPB : 4.606

Report Time : 2153 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213073.RES

IEA Pesticide Standard Report

Sample Name : INDBM09 Inj on 2348 13Mar1993
 esult File : /DATA/LOOP/RESULT/A1213076.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDBM09
 Result File : /DATA/LOOP/RESULT/A1213076.RES
 Column Type : RTX-35 30 Meter,0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.23 Mins. Injected on 2348 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 76
 Bottle no. : 76

Report No : 303.10
 Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

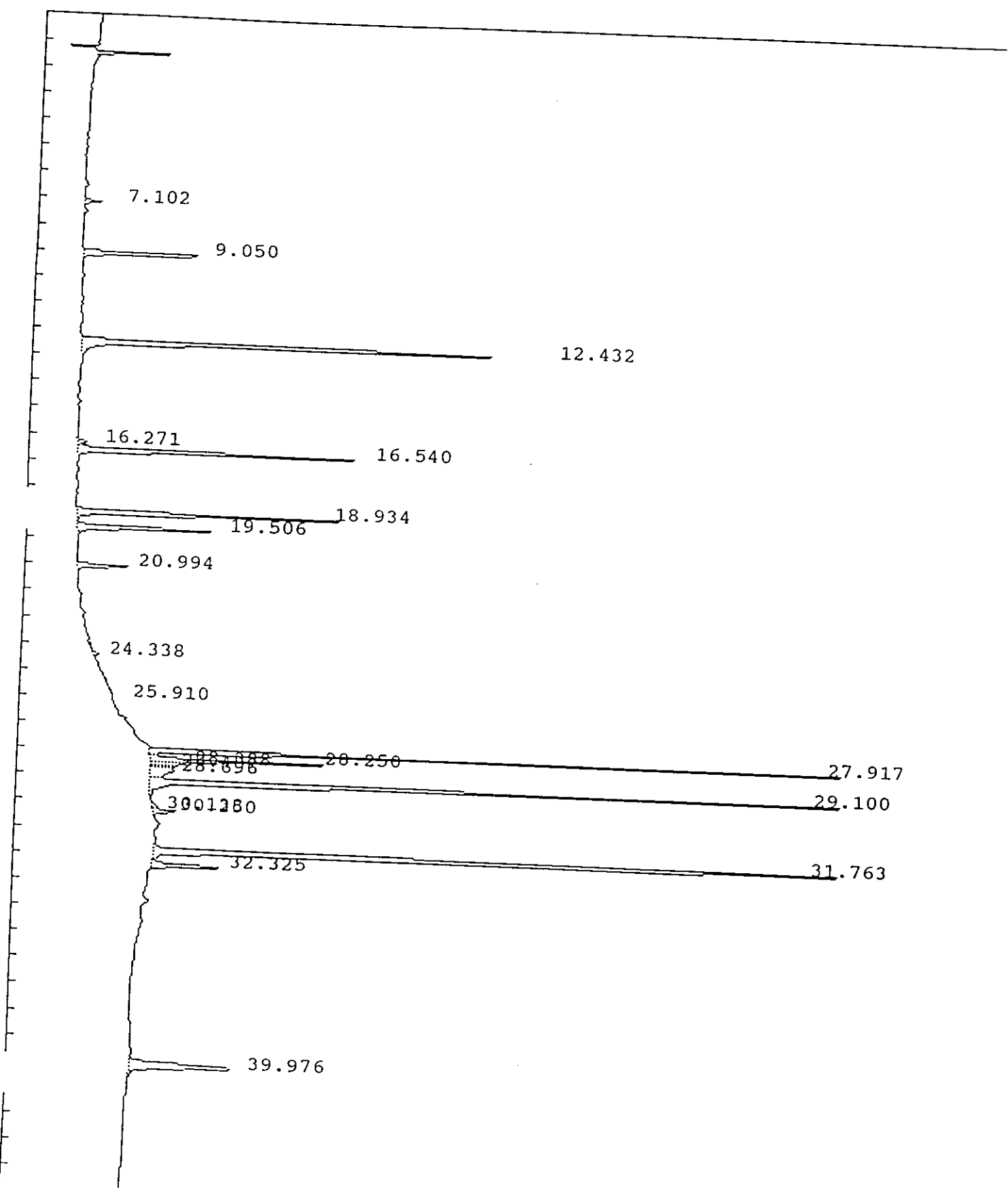
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.11		.098569	60253	BB	0.0000	
2	9.05		.116923	250490	BB	0.0000	
3	12.44	12.40	.126314	1093720	BB	.2245 ✓	Tetrachloro-m-xylene
4	13.65		.249582	75800	VV	0.0000	
5	14.32		.306101	138319	PV	0.0000	
6	14.59		.143031	42772	VV	0.0000	
7	14.93		.231548	28881	PB	0.0000	
8	15.51		.179451	51153	PV	0.0000	
9	15.74		.164792	65470	VV	0.0000	
10	16.00		.162048	83618	VV	0.0000	
11	16.32		.158993	52863	PB	0.0000	
12	16.78		.437561	151481	VV	0.0000	
13	17.40		.306337	217321	PV	0.0000	
14	18.07		.358845	194558	VV	0.0000	
15	18.29		.154289	71332	VV	0.0000	
16	18.85		.382209	222764	VV	0.0000	
17	19.13		.105165	20912	PB	0.0000	
18	19.51	19.47	.135497	659902	BB	.2154 ✓	beta-BHC
19	20.77		.177457	31703	PV	0.0000	
20	21.00		.150791	129390	VB	0.0000	
21	21.47	21.44	.106699	1099097	BV	.2228 ✓	delta-BHC
22	22.11		.140367	18428	VV	0.0000	
23	22.71	22.68	.093799	1051836	BB	.2228 ✓	Aldrin
24	23.02		.138020	18287	BV	0.0000	
25	24.83	24.81	.081994	885261	BB	.2183 ✓	Heptachlor epoxide
26	25.49	25.47	.080482	901002	BB	.2116 ✓	gamma-Chlordane
27	25.99	26.00	.080393	946331	BB	.2660 ✓	Endosulfan I <i>alpha</i> <i>Chlor.</i>
28	26.71	26.69	.089109	1630507	BS	.4326 ✓	4,4'-DDE
29	28.42	28.40	.074195	1327713	BB	.4103 ✓	Endosulfan II
30	29.26	29.24	.081897	1014830	BB	.3234 ✓	Endrin aldehyde
31	29.76	29.73	.083687	1179952	BB	.4053 ✓	Endosulfan sulfate
32	32.33	32.29	.111380	1504181	BB	.3966 ✓	Endrin ketone
33	33.71		.167730	45548	BB	0.0000	
34	40.00	#39.91	.226344	1868349	BB	.3845 ✓	Decachlorobiphenyl

Total Area : 17134028 Total PPB : 3.934

Report Time : 0947 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_076.MT
 Result File : /DATA/LOOP/RESULT/A1213076.RES

IEA Pesticide Standard Report

Sample Name : PEM57 Inj on 0846 14Mar1993
Result File : /DATA/LOOP/RESULT/A1213086.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PEM57
 Result File : /DATA/LOOP/RESULT/A1213086.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0846 14Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 86
 Report No : 313.12
 Inj. Vol. : 1 ul
 Bottle no. : 86

% Dil-Fact
 100.00

Run Status : RunStatusOK
 SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		0.000000	35553	BB	0.0000	
2	9.05		0.000000	339240	BB	0.0000	
3	12.43	12.40	0.000000	1090187	BB	.2238	✓ Tetrachloro-m-xylene
4	16.27		0.000000	22974	BV	0.0000	
5	16.54	16.51	0.000000	656935	VB	.1168	✓ alpha-BHC
6	18.93	18.90	0.000000	617502	BV	.1119	✓ gamma-BHC (Lindane)
7	19.51	19.47	0.000000	362087	PB	.1182	✓ beta-BHC
8	20.99		0.000000	124223	BB	0.0000	
9	24.34		0.000000	23435	PB	0.0000	
10	25.91	25.96	0.000000	40117	BV	.0089	alpha-Chlordane
11	27.92	27.89	0.000000	1282272	FF	.4366	✓ Endrin
12	28.25	28.22	0.000000	367244	FF	.1347	4,4'-DDD
13	28.39	28.40	0.000000	58288	FF	.0180	Endosulfan II
14	28.49		0.000000	60083	FF	0.0000	
15	28.70		0.000000	125705	FF	0.0000	
16	29.10	29.07	0.000000	2040757	FF	.7516	✓ 4,4'-DDT
17	30.14		0.000000	17325	FF	0.0000	
18	30.25		0.000000	59600	FF	0.0000	
19	31.76	31.74	0.000000	2595831	FF	2.2011	✓ Methoxychlor
20	32.32	32.29	0.000000	173939	FF	.0459	Endrin ketone
21	39.98	#39.91	0.000000	439031	BB	.0903	Decachlorobiphenyl

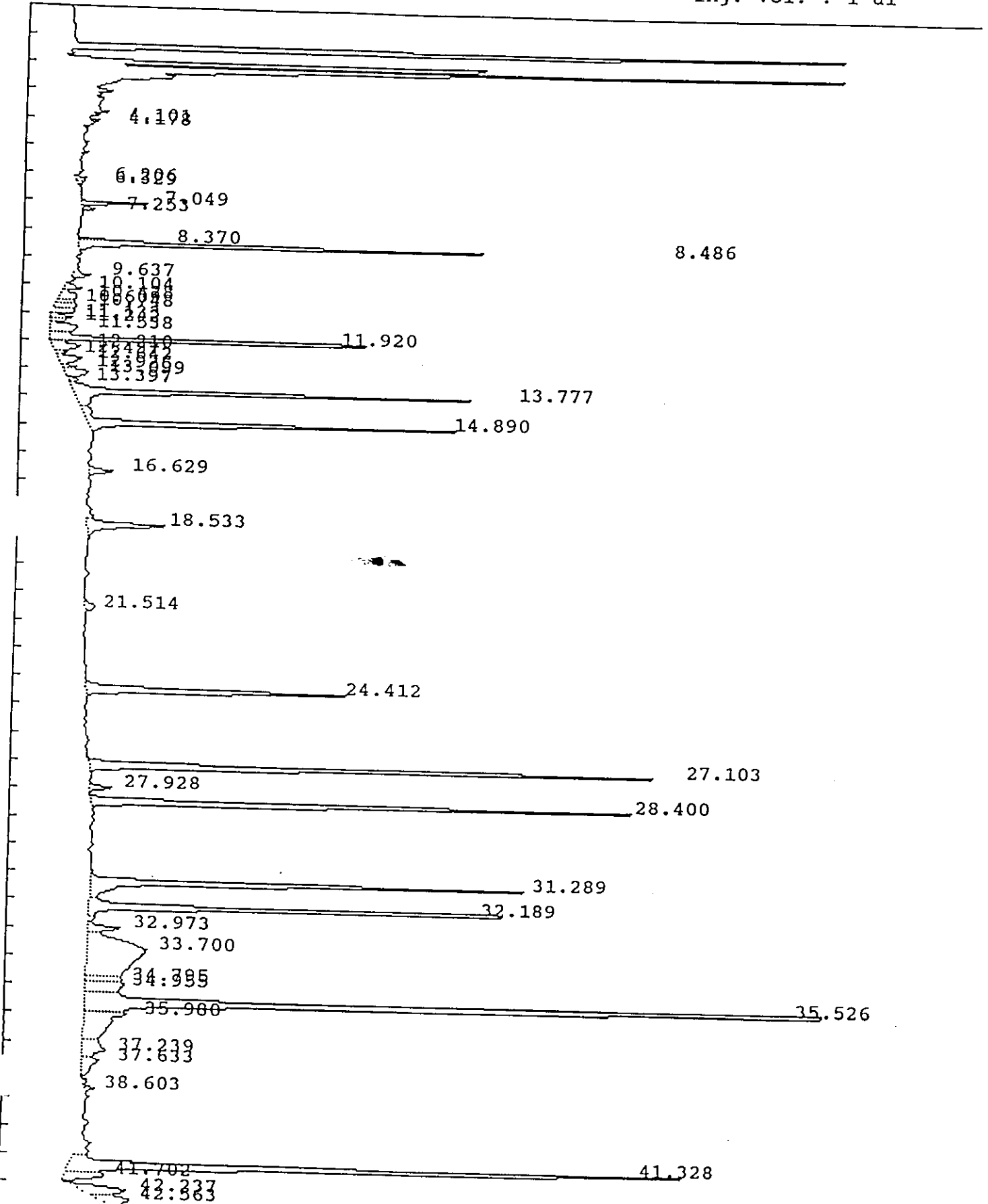
Total Area : 10532332 Total PPB : 4.258

Report Time : 1020 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_084.MT
 Result File : /DATA/LOOP/RESULT/A1213086.RES

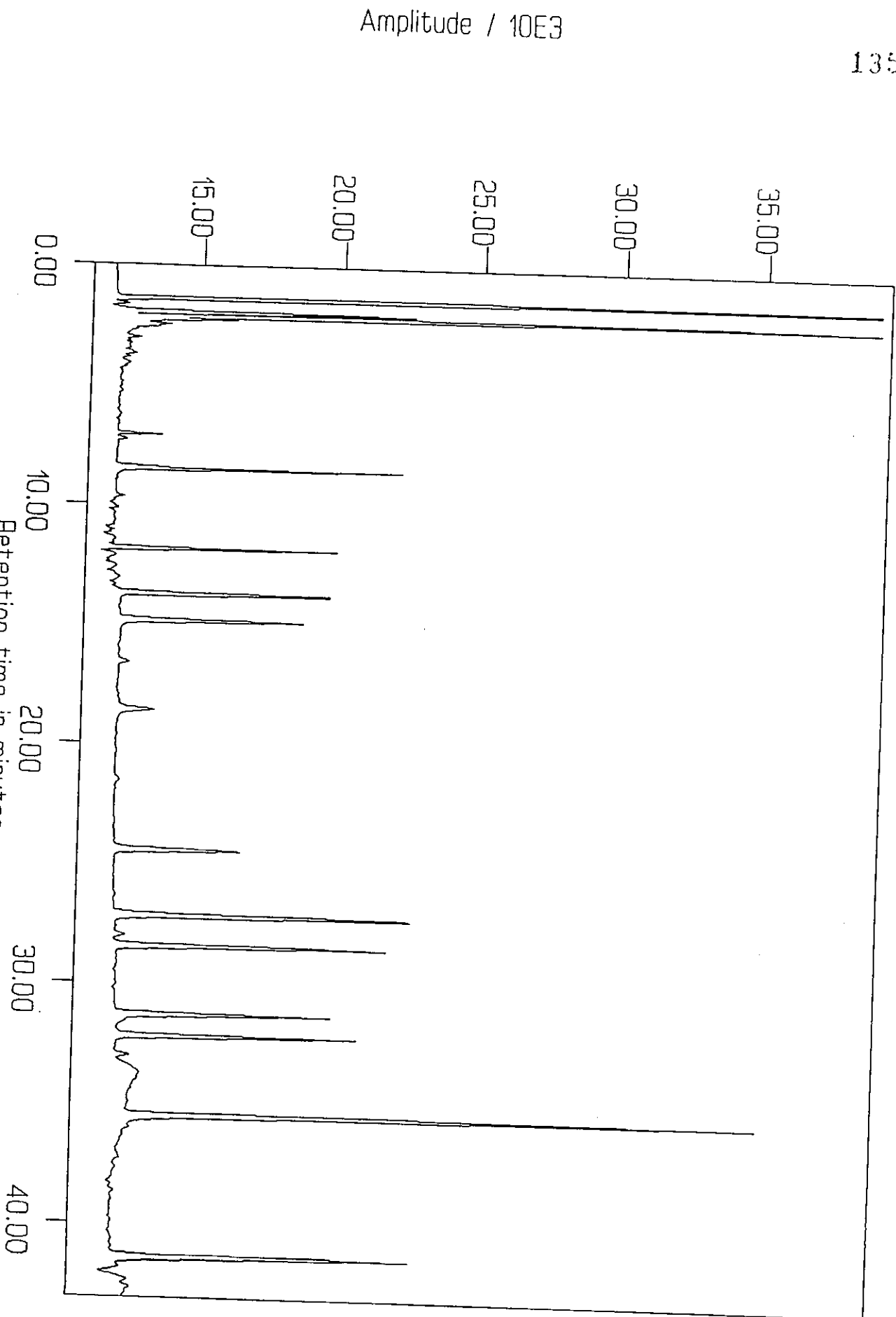
IEA Pesticide Standard Report

Sample Name : FLORISILSTD 6/9/92
Result File : /DATA/LOOP/RESULT/B1078020.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1032 18Jun1992
INSTRUMENT: HP58901B
Inj. Vol. : 1 ul



Sample : FLORISILSTD ^{6/9/92} Injected : THU JUN 18, 1992 10:32:31 AM



Result : B1078020

Retention time in minutes

Method : B1078

IEA Pesticide Standard Report

1360

Sample Name : FLORISILSTD
 Result File : /DATA/LOOP/RESULT/B1078020.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58901B
 Calculation : ExternalSTD
 Run Time : 43.00 Mins. Injected on 1032 18Jun1992
 Sequence File : /DATA/LOOP/SEQUENCE/B1078.SEQ
 Subseq/Sample : 1/ 20
 Bottle no. : 20

Report No : 42.00
 Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.10		.049666	2900	BV	0.0000	
2	4.18		.054224	1733	VV	0.0000	
3	6.21		.128765	5835	PV	0.0000	
4	6.33		.102363	3790	VV	0.0000	
5	7.05		.064021	24249	BV	0.0000	
6	7.25		.068320	5205	PB	0.0000	
7	8.37		.067354	20982	PV	0.0000	
8	8.49	8.45	.073007	179347	VV	.0721	Tetrachloro-m-xylene
9	9.64		.097725	9468	BV	0.0000	
10	10.10		.132676	10589	PV	0.0000	
11	10.43		.273851	19063	VV	0.0000	
12	10.61		.103862	7778	VV	0.0000	
13	10.75		.191322	16795	VV	0.0000	
14	11.13		.103396	9718	PV	0.0000	
15	11.24		.085429	6747	VV	0.0000	
16	11.54		.309521	33921	VV	0.0000	
17	11.92	11.89	.081938	165206	VV	.0765	alpha-BHC
18	12.21		.244844	27032	PV	0.0000	
19	12.44		.079025	3598	VV	0.0000	
20	12.64		.227870	21275	VV	0.0000	
21	12.93		.095146	5946	VV	0.0000	
22	13.10		.230658	23367	VV	0.0000	
23	13.40		.091222	4941	VV	0.0000	
24	13.78	13.73	.118627	222607	VV	.0808	gamma-BHC (Lindane)
25	14.89	14.84	.133956	213378	VB	.0822	Heptachlor
26	16.63		.164184	17154	PV	0.0000	
27	18.53		.208015	67729	VB	0.0000	
28	21.51		.259578	10058	BB	0.0000	
29	24.41	24.35	.157579	170538	BB	.0794	Endosulfan I
30	27.10	27.05	.133460	337042	BV	.1476	Dieldrin
31	27.93		.134855	12776	BV	0.0000	
32	28.40	28.35	.130860	303031	PV	.1534	Endrin
33	31.29	31.25	.146916	272708	BV	.1566	4,4'-DDD
34	32.19	32.15	.129569	270085	VV	.1657	4,4'-DDT
35	32.97		.176352	24942	VV	0.0000	
36	33.70	33.66	1.106601	266425	VV	.1701	Endrin aldehyde
37	34.79		.166328	24326	VV	0.0000	
38	34.95		.316380	50811	VV	0.0000	
39	35.53	35.49	.138908	762203	VV	.9536	Methoxychlor

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	35.98		.581770	104550	VV	0.0000	
41	37.24	37.23	.432310	42575	VV	.0241	Endrin ketone
42	37.63		.403459	28642	VV	0.0000	
43	38.60		.125790	5500	VV	0.0000	
44	41.33	#41.28	.162112	426138	VV	.1919	Decachlorobiphenyl
45	41.70		.235002	38269	VV	0.0000	
46	42.24		.301496	57381	PV	0.0000	
47	42.56		.311093	42163	VB	0.0000	

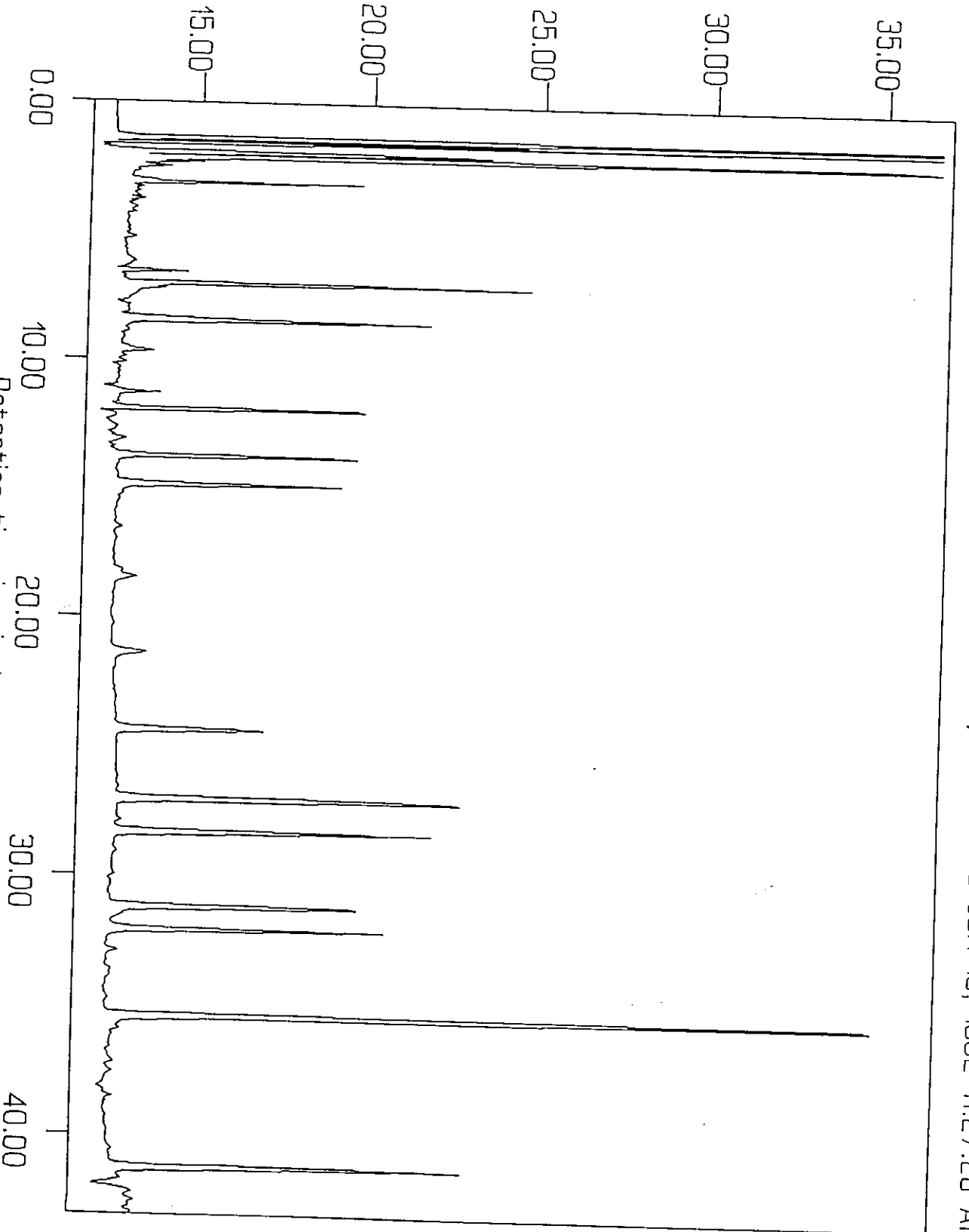
Total Area : 4380514 Total PPB : 2.354

Report Time : 1116 18Jun1992
Method : /DATA/LOOP/METHOD/B1078.MTH
Result File : /DATA/LOOP/RESULT/B1078020.RES

1363

Sample : FLORISILCHECK 06/09/92 F12501 Injected : THU JUN 18, 1992 11:27:28 AM

Amplitude / 10E3



Result : B1078021

Method : B1078

Retention time in minutes

IEA Pesticide Standard Report

Sample Name : FLORISILCHECK 06/09/92 F12501 Report No : 43.00
 Result File : /DATA/LOOP/RESULT/B1078021.RES
 Column Type : DB-1701 30 Meter,0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901B
 Calculation : ExternalSTD
 Run Time : 43.02 Mins. Injected on 1127 18Jun1992
 Sequence File : /DATA/LOOP/SEQUENCE/B1078.SEQ
 Subseq/Sample : 1/ 21 Bottle no. : 21

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.09		.063297	3745	BV	0.0000	
2	4.27		.068835	3839	VV	0.0000	
3	5.24		.085047	6720	VV	0.0000	
4	5.60		.088396	4221	PV	0.0000	
5	5.75		.174980	9906	VV	0.0000	
6	6.07		.172631	21073	VV	0.0000	
7	6.16		.074253	10974	VV	0.0000	
8	6.21		.079141	11772	VV	0.0000	
9	6.57		.075405	41191	PV	0.0000	
10	6.77		.154949	14874	VV	0.0000	
11	7.03		.085461	251005	VV	0.0000	
12	7.21		.265190	97132	VV	0.0000	
13	7.87		.083775	4301	PB	0.0000	
14	8.35		.074173	46254	PV	0.0000	
15	8.47	8.45	.077645	167598	VV	.0674	Tetrachloro-m-xylene
16	9.50		.074405	4713	BV	0.0000	
17	9.62		.095233	23325	VV	0.0000	
18	9.86		.137222	9044	VV	0.0000	
19	10.06		.111454	8634	VV	0.0000	
20	10.29		.106398	6339	PV	0.0000	
21	10.43		.148753	9757	VV	0.0000	
22	10.68		.268816	21604	VV	0.0000	
23	11.25		.153257	60925	PV	0.0000	
24	11.43		.159718	18446	VV	0.0000	
25	11.64		.121826	14712	VV	0.0000	
26	11.89	11.89	.083299	153805	VV	.0712	alpha-BHC
27	12.17		.240768	24193	PV	0.0000	
28	12.41		.078551	3422	VV	0.0000	
29	12.56		.176500	17223	VV	0.0000	
30	12.74		.088868	6474	VV	0.0000	
31	12.90		.094882	5448	VV	0.0000	
32	13.06		.181236	24135	VV	0.0000	
33	13.37		.081608	3379	PV	0.0000	
34	13.74	13.73	.107866	185749	VV	.0675	gamma-BHC (Lindane)
35	14.05		.128398	3772	VB	0.0000	
36	14.85	14.84	.124715	195478	VV	.0753	Heptachlor
37	15.19		.129911	4835	VV	0.0000	
38	16.58	16.54	.182118	9136	PV	.0039	Aldrin
39	18.23		.170883	11312	VV	0.0000	

IEA Pesticide Standard Report							Name
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	
40	18.49		.234963	39107	VB	0.0000	
41	21.39		.242654	59012	BB	0.0000	
42	24.37	24.35	.158668	164041	BB	.0764	Endosulfan I
43	27.06	27.05	.137389	330004	PV	.1445	Dieldrin
44	27.89		.141192	6082	BV	0.0000	
45	28.36	28.35	.131446	292423	PB	.1480	Endrin
46	31.26	31.25	.150520	261972	BV	.1504	4,4'-DDD
47	32.15	32.15	.129403	250372	VV	.1536	4,4'-DDT
48	32.94		.196854	16726	PB	0.0000	
49	33.67	33.66	.137052	3168	BV	.0020	Endrin aldehyde
50	35.50	35.49	.128427	684325	BV	.8561	Methoxychlor
51	35.96		.127451	9214	VV	0.0000	
52	37.22	37.23	.176419	10673	BV	.0061	Endrin ketone
53	37.61		.382531	28485	VV	0.0000	
54	38.34		.178599	8224	PV	0.0000	
55	38.58		.225311	25938	VV	0.0000	
56	38.90		.216588	11903	VV	0.0000	
57	39.30		.552401	36797	VV	0.0000	
58	39.84		.279192	23079	VV	0.0000	
59	40.56		.384086	47682	VV	0.0000	
60	40.86		.272678	32384	VV	0.0000	
61	41.29	#41.28	.170071	437682	VV	.1971	Decachlorobiphenyl
62	41.67		.248155	48441	VV	0.0000	
63	42.19		.288659	60630	PV	0.0000	
64	42.53		.255098	38124	VV	0.0000	
65	42.74		.150963	9810	VV	0.0000	

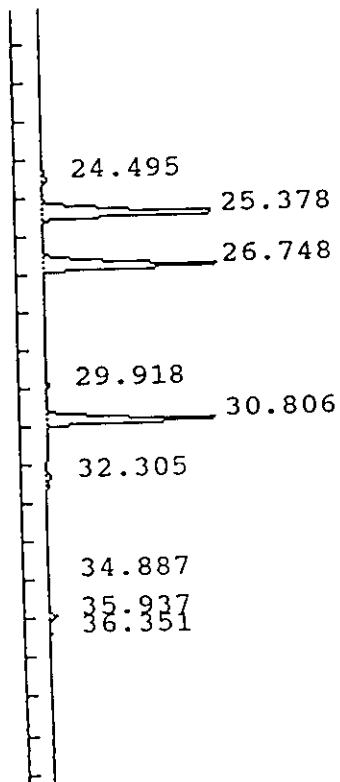
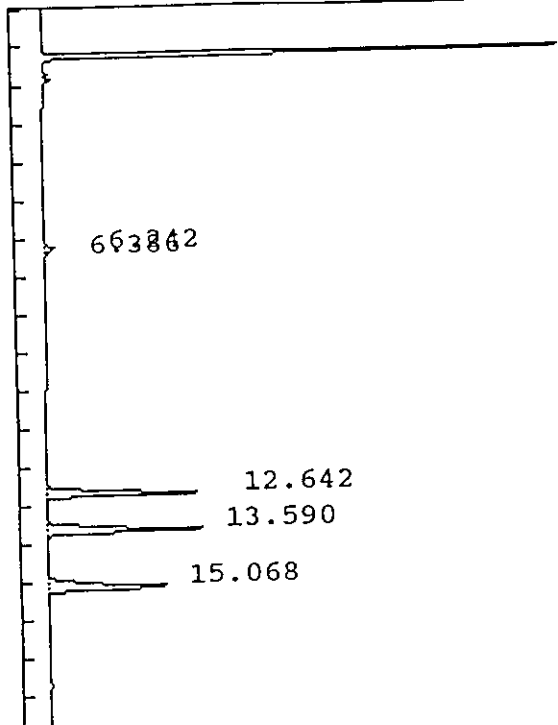
Total Area : 4456761 Total PPB : 2.019

Report Time : 1211 18Jun1992
Method : /DATA/LOOP/METHOD/B1078.MTH
Result File : /DATA/LOOP/RESULT/B1078021.RES

IEA Pesticide Standard Report

Sample Name : GPC NOT THRU 02/10/93
Result File : /DATA/LOOP/RESULT/A4186021.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

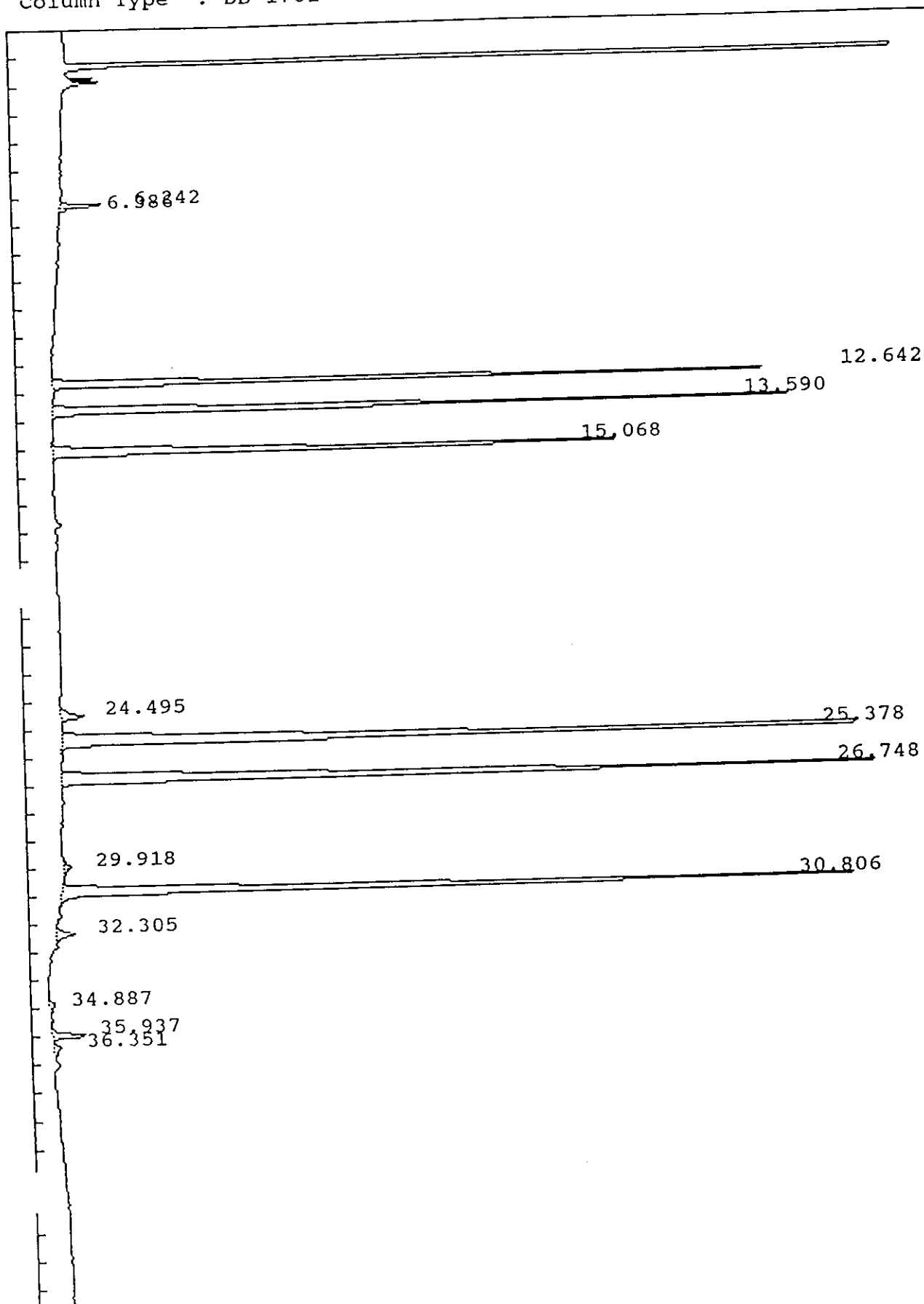
Inj on 0927 13Feb1993
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : GPC NOT THRU 02/10/93
Result File : /DATA/LOOP/RESULT/A4186021.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

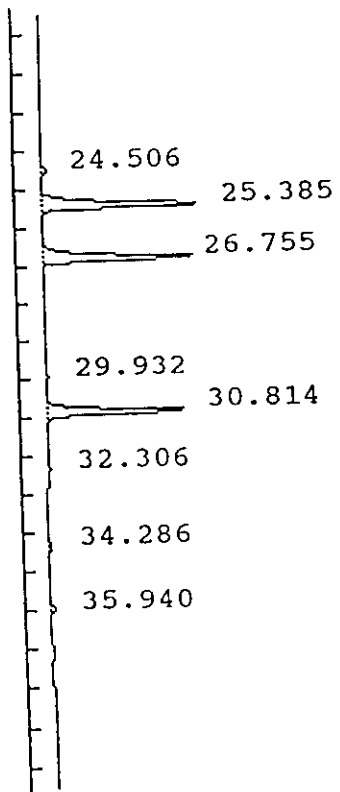
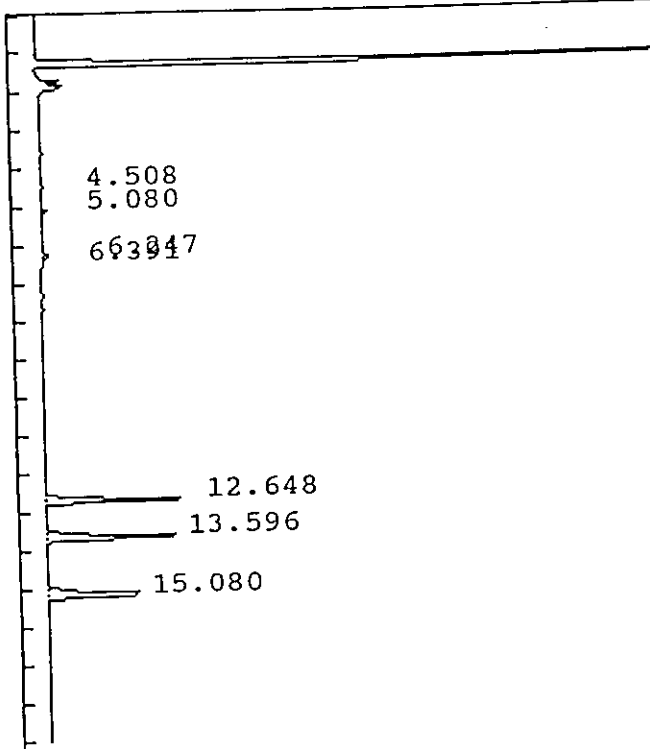
Inj on 0927 13Feb1993
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : GPC THRU 02/10/93
Result File : /DATA/LOOP/RESULT/A4186022.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1021 13Feb1993
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul

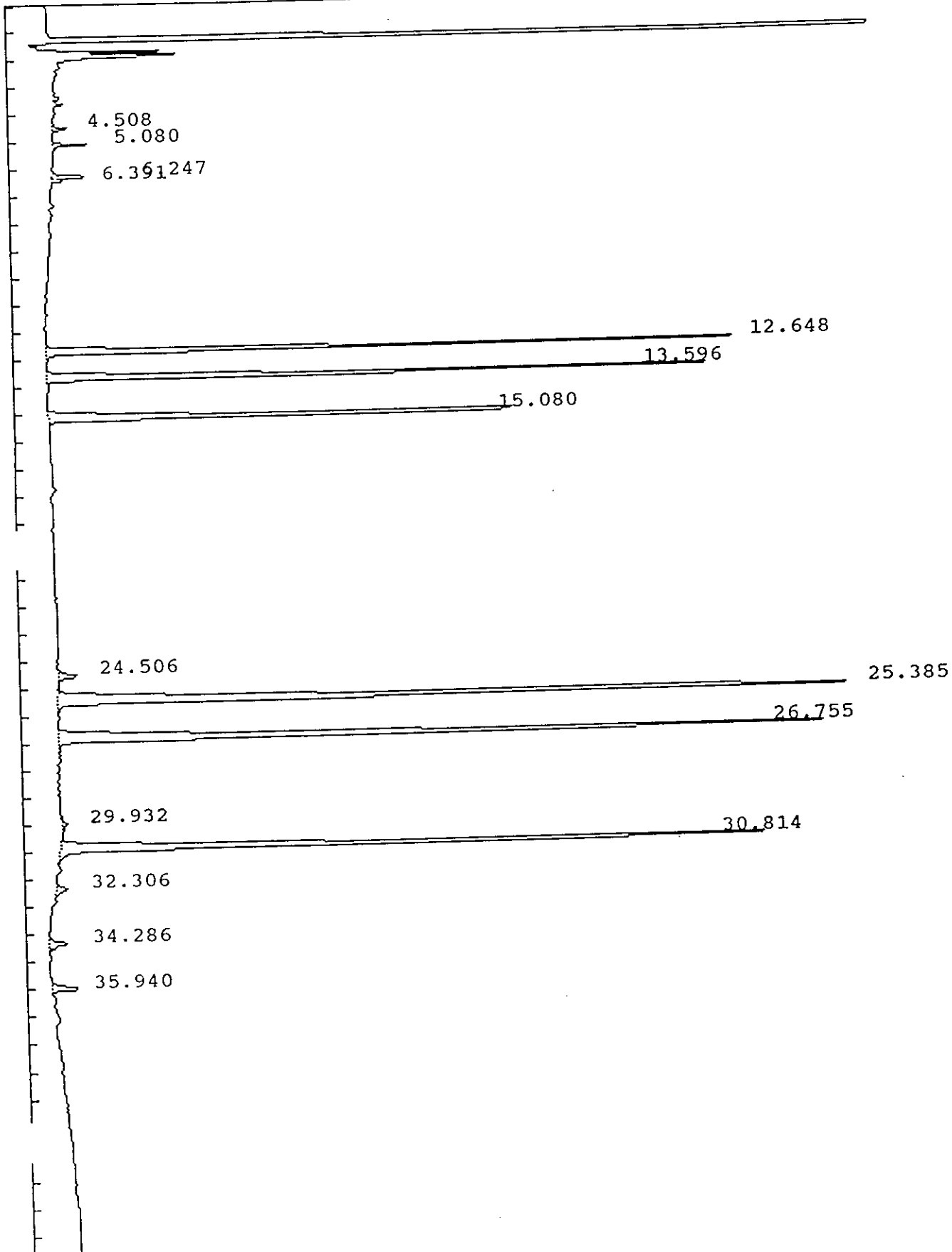


1369

IEA Pesticide Standard Report

Sample Name : GPC THRU 02/10/93
Result File : /DATA/LOOP/RESULT/A4186022.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1021 13Feb1993
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : GPC THRU 02/10/93 Report No : 294.01
 Result File : /DATA/LOOP/RESULT/A4186022.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1021 13Feb1993
 Sequence File : /DATA/LOOP/SEQUENCE/A4186.SEQ
 Subseq/Sample : 1/ 22 Bottle no. : 22

% Dil-Fact
 100.00

Run Status : NoReference
 SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.51		.061348	14346	VB	0.0000	
2	5.08		.067090	30153	PV	0.0000	
3	6.25		.064495	40424	BV	0.0000	
4	6.39		.066773	10252	VB	0.0000	
5	12.65	12.64	.098908	774788	BB	.3892	gamma-BHC (Lindane)
6	13.60	13.59	.117701	860752	BB	.4169	Heptachlor
7	15.08	15.07	.133359	772108	BB	.3977	Aldrin
8	24.51	24.49	.180947	38805	BB	.0240	4,4'-DDE
9	25.39	25.37	.169505	1460130	BV	.8238	Dieldrin
10	26.76	26.74	.161823	1310896	BV	1.0342	Endrin
11	29.93	29.95	.235979	12534	VB	.0083	Endosulfan II
12	30.81	30.80	.145139	1162265	BV	.9911	4,4'-DDT
13	32.31	32.32	.213049	25022	BV	.0258	Endrin aldehyde
14	34.29	34.27	.166340	33414	BB	.0584	Methoxychlor
15	35.94	35.95	.147931	46021	BB	.0353	Endrin ketone

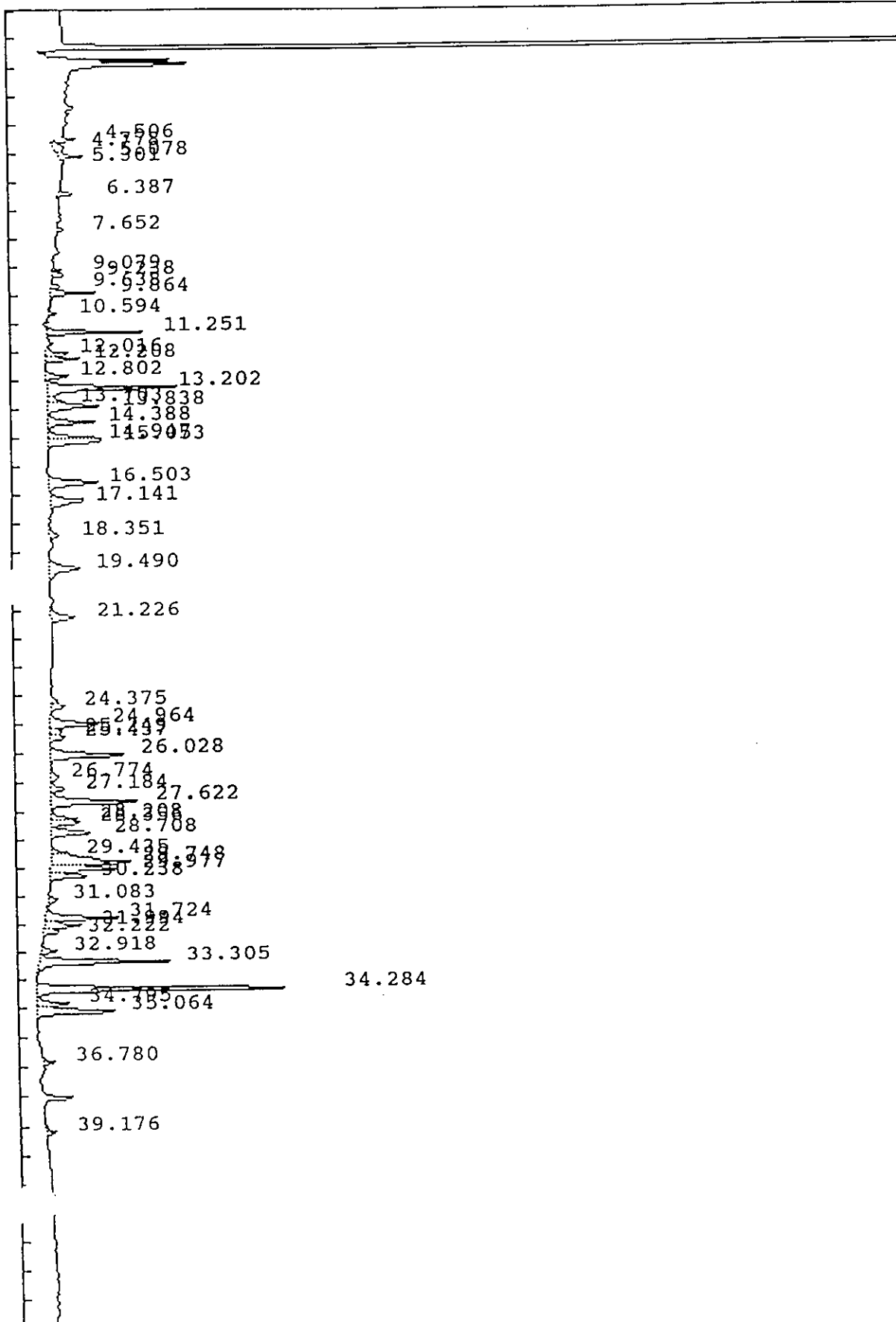
Total Area : 6591913 Total PPB : 4.205

Report Time : 2124 15Mar1993
 Method : /DATA/LOOP/METHOD/A4186_011.MT
 Result File : /DATA/LOOP/RESULT/A4186022.RES

IEA Pesticide Standard Report

Sample Name : GPC AR MIX 02/10/93
Result File : /DATA/LOOP/RESULT/A4186023.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1114 13Feb1993
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : GPC AR MIX 02/10/93 Report No : 295.01
 Result File : /DATA/LOOP/RESULT/A4186023.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1114 13Feb1993
 Sequence File : /DATA/LOOP/SEQUENCE/A4186.SEQ
 Subseq/Sample : 1/ 23 Bottle no. : 23

% Dil-Fact
 100.00

Run Status : EndOffBaseline
 NoReference
 SignalOverload

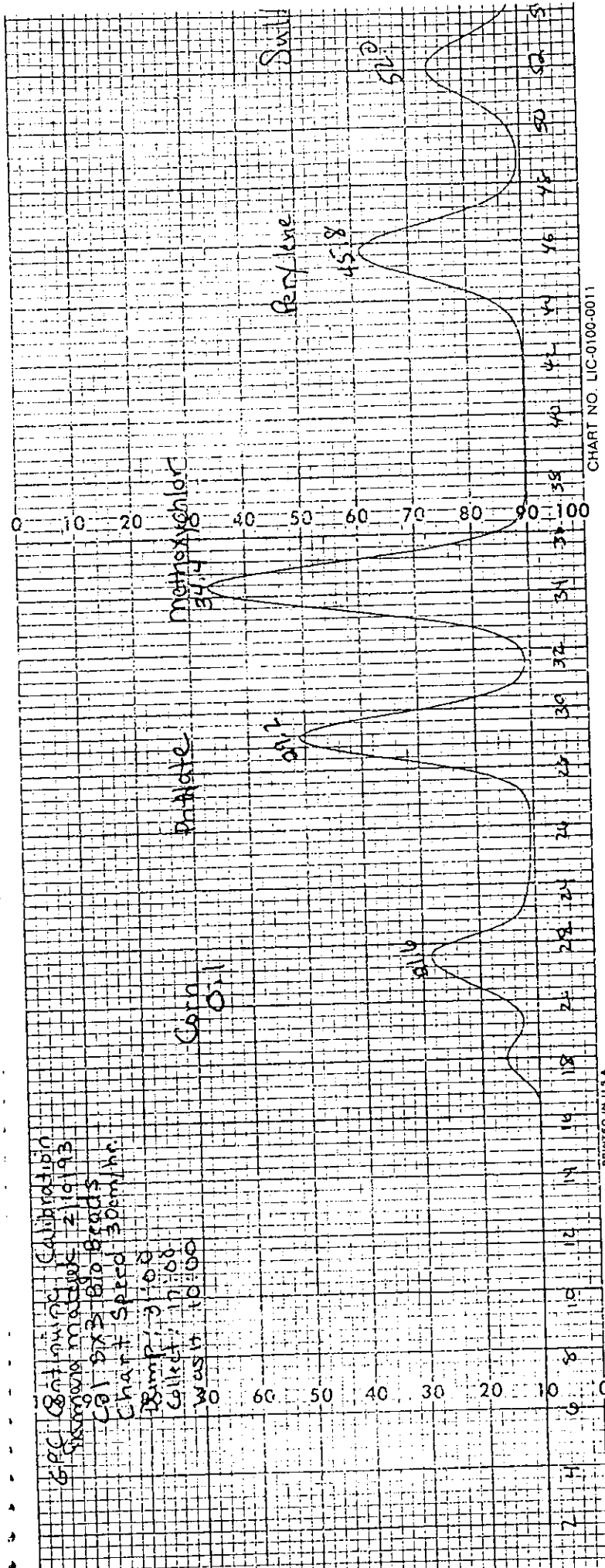
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.51		.088457	20280	BV	0.0000	
2	4.78		.215613	24923	PV	0.0000	
3	5.08		.096657	30669	VV	0.0000	
4	5.30		.119065	5510	VB	0.0000	
5	6.39		.083837	16833	BV	0.0000	
6	7.65	7.70	.078780	7537	PB	.0040	Tetrachloro-m-xylene
7	9.08		.088495	8274	BV	0.0000	
8	9.24		.079537	12677	VB	0.0000	
9	9.64		.084350	9141	BV	0.0000	
10	9.86		.103738	51595	VV	0.0000	
11	10.59		.087541	7186	BB	0.0000	
12	11.25		.088389	95005	BV	0.0000	
13	12.02		.100392	28681	PV	0.0000	
14	12.21		.102463	40189	VB	0.0000	
15	12.80		.129587	29114	BV	0.0000	
16	13.20		.152593	207736	VV	0.0000	
17	13.70		.131454	21776	VV	0.0000	
18	13.84		.155484	82085	VV	0.0000	
19	14.39		.142767	67789	VV	0.0000	
20	14.95		.139021	68061	VV	0.0000	
21	15.05	15.07	.158554	78524	VV	.0404	Aldrin
22	16.50		.208592	99059	BV	0.0000	
23	17.14		.197935	69675	VV	0.0000	
24	18.35		.181648	15700	BV	0.0000	
25	19.49		.247228	72146	BB	0.0000	
26	21.23		.227173	52283	VV	0.0000	
27	24.37		.165206	22422	VV	0.0000	
28	24.96		.179328	87894	VV	0.0000	
29	25.25		.151966	17785	VV	0.0000	
30	25.44	25.37	.174271	26046	VV	.0147	Dieldrin
31	26.03		.172219	127941	PB	0.0000	
32	26.77	26.74	.247366	17317	BV	.0137	Endrin
33	27.18		.165110	22872	VV	0.0000	
34	27.62		.166804	145889	VV	0.0000	
35	28.21		.140305	35225	VV	0.0000	
36	28.36		.140344	41930	VV	0.0000	
37	28.71		.172353	67416	VB	0.0000	
38	29.43		.133327	22964	BV	0.0000	

IEA Pesticide Standard Report

pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
39	29.75		.217717	175027	VV	0.0000	
40	29.98	29.95	.145313	96256	VV	.0634	Endosulfan II
41	30.24		.145086	53319	VB	0.0000	
42	31.08		.161812	16800	BV	0.0000	
43	31.72		.148880	106819	PV	0.0000	
44	31.99		.138613	51113	VV	0.0000	
45	32.22		.125873	21977	VB	0.0000	
46	32.92		.117117	19570	BV	0.0000	
47	33.30		.151589	197215	PV	0.0000	
48	34.28	34.27	.136954	380261	PV	.6646	Methoxychlor
49	34.79		.132443	45259	VV	0.0000	
50	35.06		.171856	139407	VB	0.0000	
51	36.78		.110568	13639	BV	0.0000	
52	39.18		.133787	13413	BB	0.0000	

Total Area : 3188224 Total PPB : .801

Report Time : 2152 15Mar1993
Method : /DATA/LOOP/METHOD/A4186_011.MT
Result File : /DATA/LOOP/RESULT/A4186023.RES



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

1375

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) SOIL

Lab Sample ID: 0211-B01

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B5044019.D

% Moisture: 0 decanted: (Y/N) N

Date Received: / /

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 02/11/93

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 03/09/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____

Sulfur Cleanup: (Y/N) N

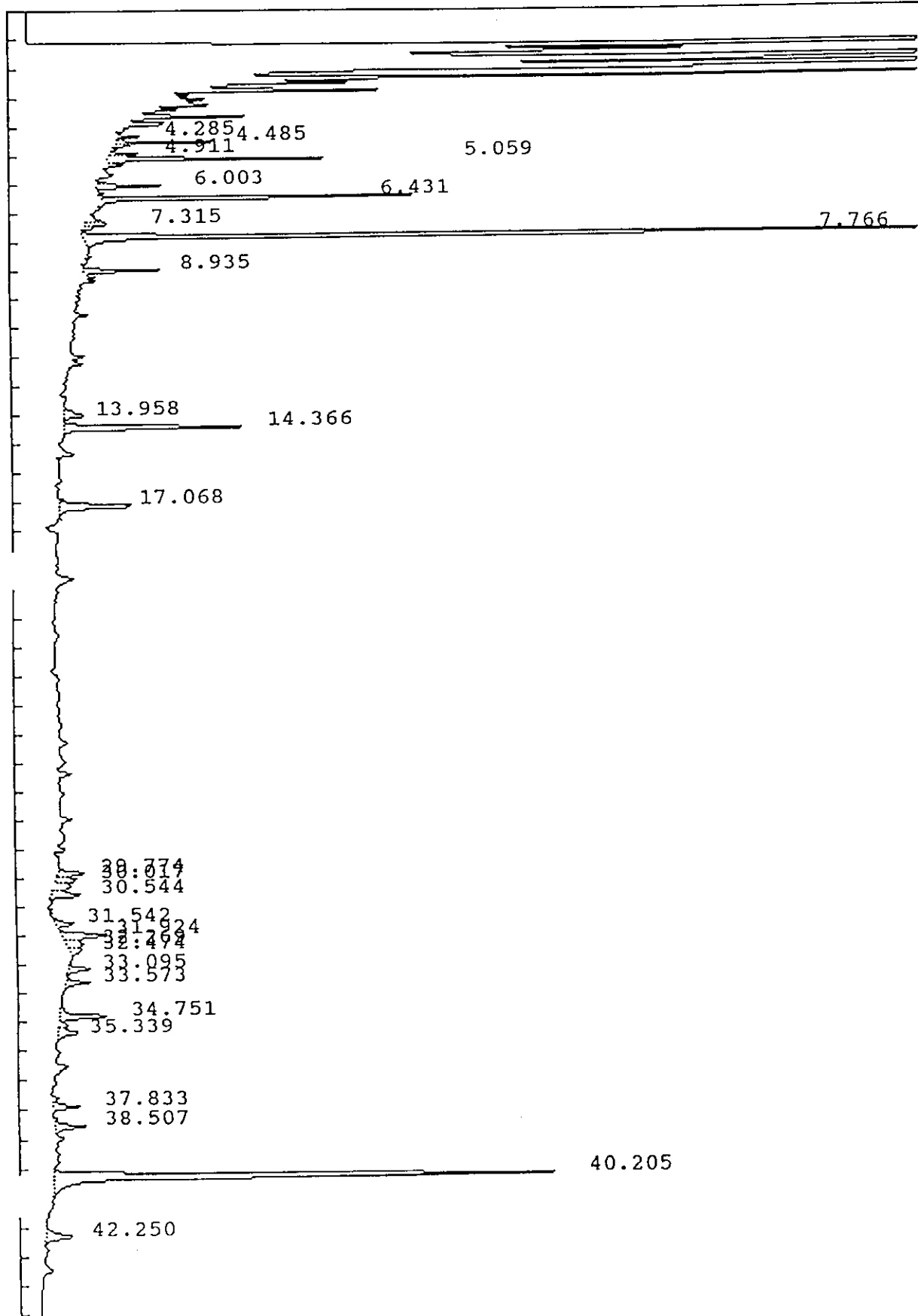
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	33	U
11104-28-2-----	Aroclor-1221	67	U
11141-16-5-----	Aroclor-1232	33	U
53469-21-9-----	Aroclor-1242	33	U
12672-29-6-----	Aroclor-1248	33	U
11097-69-1-----	Aroclor-1254	33	U
11096-82-5-----	Aroclor-1260	33	U

IEA Pesticide Standard Report

Sample Name : 0211-B01 PBLK02
Result File : /DATA/LOOP/RESULT/B5044019.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 1750 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0211-B01 PBLK02 Report No : 277.00
 Result File : /DATA/LOOP/RESULT/B5044019.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1750 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 19 Bottle no. : 19

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.28		.047189	5957	PV	0.0000	
2	4.49		.054286	28041	VV	0.0000	
3	4.91		.067680	11599	VV	0.0000	
4	5.06		.058137	76048	VV	0.0000	
5	6.00		.090139	24157	VV	0.0000	
6	6.43		.064428	121939	PV	0.0000	
7	7.32		.087070	9928	VV	0.0000	
8	7.77	7.76	.075661	381967	PV	.3087	Tetrachloro-m-xylene
9	8.94		.098518	31558	BV	0.0000	
10	13.96		.195052	16078	BV	0.0000	
11	14.37		.127265	92599	VV	0.0000	
12	17.07		.171126	51932	BB	0.0000	
13	29.77		.157409	16425	BV	0.0000	
14	30.02		.153190	13131	VV	0.0000	
15	30.54		.178634	19823	VV	0.0000	
16	31.54		.129592	9204	BV	0.0000	
17	31.92		.191832	33104	PV	0.0000	
18	32.27		.202681	13474	VV	0.0000	
19	32.47	32.52	.182340	8021	VB	.0142	Endrin aldehyde
20	33.10		.138212	11502	BB	0.0000	
21	33.57		.140915	13114	BB	0.0000	
22	34.75		.154379	30163	BV	0.0000	
23	35.34		.182983	15242	VB	0.0000	
24	37.83		.126904	13010	VB	0.0000	
25	38.51		.158819	20303	BV	0.0000	
26	40.21	#40.19	.152012	309382	BB	.2523	Decachlorobiphenyl
27	42.25		.221475	22418	BB	0.0000	

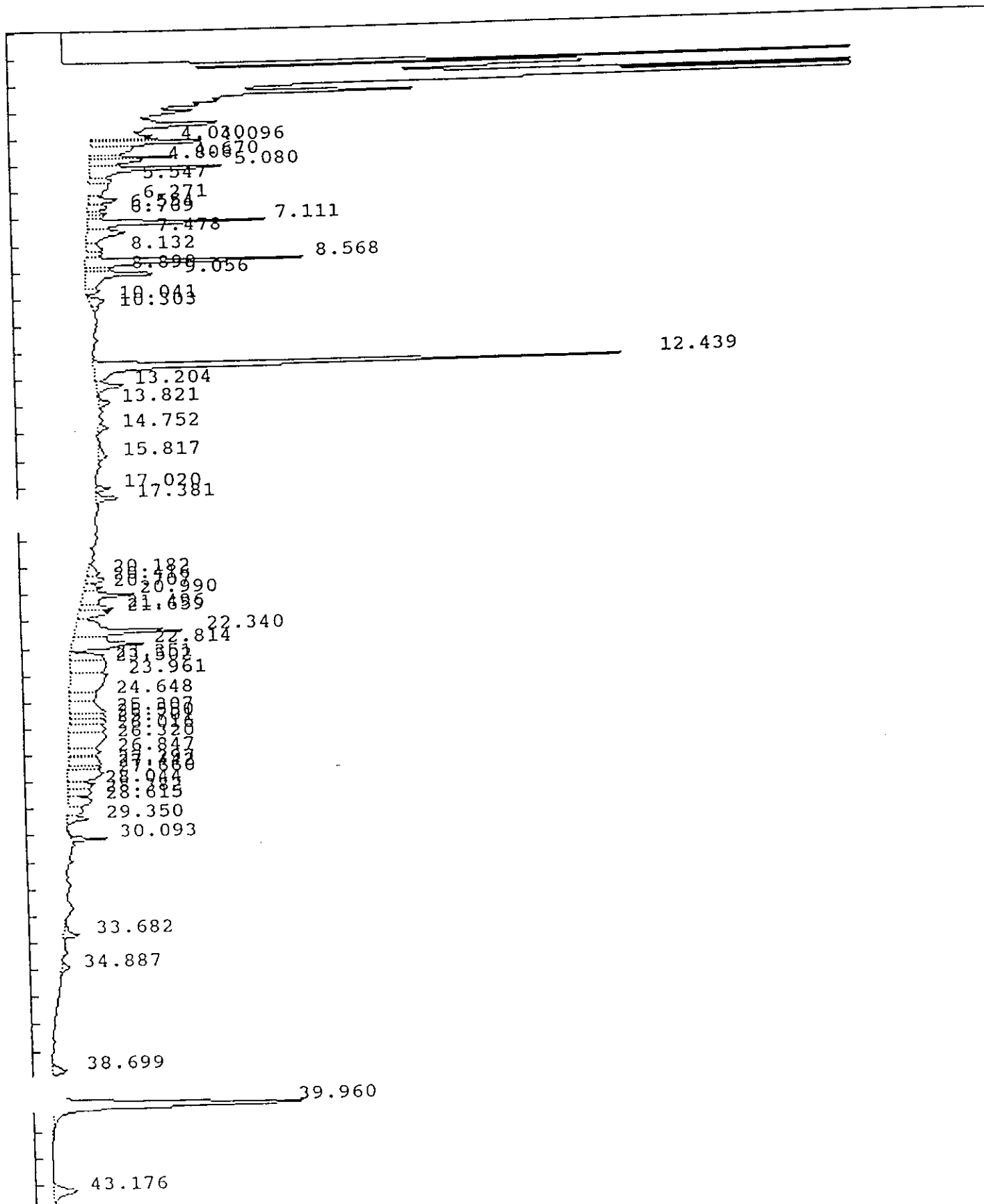
Total Area : 1400115 Total PPB : .575

Report Time : 1839 09Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044019.RES

2A 3/16

IEA Pesticide Standard Report

Sample Name : 0211-B01 PXBLK02 Inj on 0550 13Mar1993
 Result File : /DATA/LOOP/RESULT/A1213056.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



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IEA Pesticide Standard Report

Sample Name : 0211-B01 PYBLK02
 Result File : /DATA/LOOP/RESULT/A1213056.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0550 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 56 Bottle no. : 56

Report No : 283.00

Inj. Vol. : 1 ul

% Dil-Fact
3333.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.03		.035099	58916	PH	0.0000	
2	4.10		.122851	367399	VV	0.0000	
3	4.67		.090753	184877	VV	0.0000	
4	4.81		.154893	179795	VV	0.0000	
5	5.08		.128015	480029	VV	0.0000	
6	5.55		.176328	86015	VV	0.0000	
7	6.27		.161340	117082	VV	0.0000	
8	6.55		.210820	82176	VV	0.0000	
9	6.77		.126911	49530	VV	0.0000	
10	7.11		.133856	524818	VV	0.0000	
11	7.48		.294428	236995	VV	0.0000	
12	8.13		.244261	82813	VV	0.0000	
13	8.57		.154392	718693	VV	0.0000	
14	8.89		.080383	39793	VV	0.0000	
15	9.06		.225964	361546	VV	0.0000	
16	10.04		.281058	91599	PV	0.0000	
17	10.30		.148276	21123	VB	0.0000	
18	12.44	12.40	.135907	1596645	PV	10.9229	Tetrachloro-m-xylene
19	13.20		.192431	116830	VV	0.0000	
20	13.82		.181227	43754	VV	0.0000	
21	14.75		.184533	37619	VV	0.0000	
22	15.82		.336543	58599	VV	0.0000	
23	17.02		.138632	41453	BV	0.0000	
24	17.38		.147021	69745	VV	0.0000	
25	20.18		.269051	62208	PV	0.0000	
26	20.42		.204944	80149	VV	0.0000	
27	20.71		.149965	52842	VV	0.0000	
28	20.99		.231567	251732	VV	0.0000	
29	21.50		.158642	113189	VV	0.0000	
30	21.66		.203269	133259	VV	0.0000	
31	22.34		.217668	531128	VV	0.0000	
32	22.81		.275453	408716	VV	0.0000	
33	23.35		.257879	168181	PV	0.0000	
34	23.50		.447249	308821	VV	0.0000	
35	23.96		.607159	456830	VV	0.0000	
36	24.65		.365524	189178	VV	0.0000	
37	25.31		.368633	262437	VV	0.0000	
38	25.55		.190769	132321	VV	0.0000	
39	25.70		.181922	129045	VV	0.0000	
40	26.02	26.00	.312067	219505	VV	2.0567	Endosulfan I

283/16

Endosulfan I

IEA Pesticide Standard Report

pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	26.32		.498966	367534	VV	0.0000	
42	26.85		.242882	150481	VV	0.0000	
43	27.30		.268469	178155	VV	0.0000	
44	27.44		.140978	92304	VV	0.0000	
45	27.66		.348384	247502	VV	0.0000	
46	28.04		.249887	129431	VV	0.0000	
47	28.38	28.40	.239369	106587	VV	1.0978	Endosulfan II
48	28.62		.298297	148805	VV	0.0000	(A1213/16)
49	29.35		.149331	69976	VV	0.0000	
50	30.09		.099236	73916	PV	0.0000	
51	33.68		.228376	72916	VV	0.0000	
52	34.89		.234477	36615	VB	0.0000	
53	38.70		.239653	62809	BB	0.0000	
54	39.96	#39.91	.241566	1242325	BB	8.5210	Decachlorobiphenyl
55	43.18		.333206	157361	BV	0.0000	
56	44.28		.400330	285264	VB	0.0000	

Total Area : 12569374 Total PPB : 22.598

Report Time : 0637 13Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213056.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK05	1381
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Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0211-B05

Sample wt/vol:

1.0 (g/mL) G

(circled) 02/13/16

Lab File ID: B5044020.D

% Moisture: 0

decanted: (Y/N) N

Date Received: / /

Extraction: (SepF/Cont/Sonc) ~~SONC~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 03/09/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

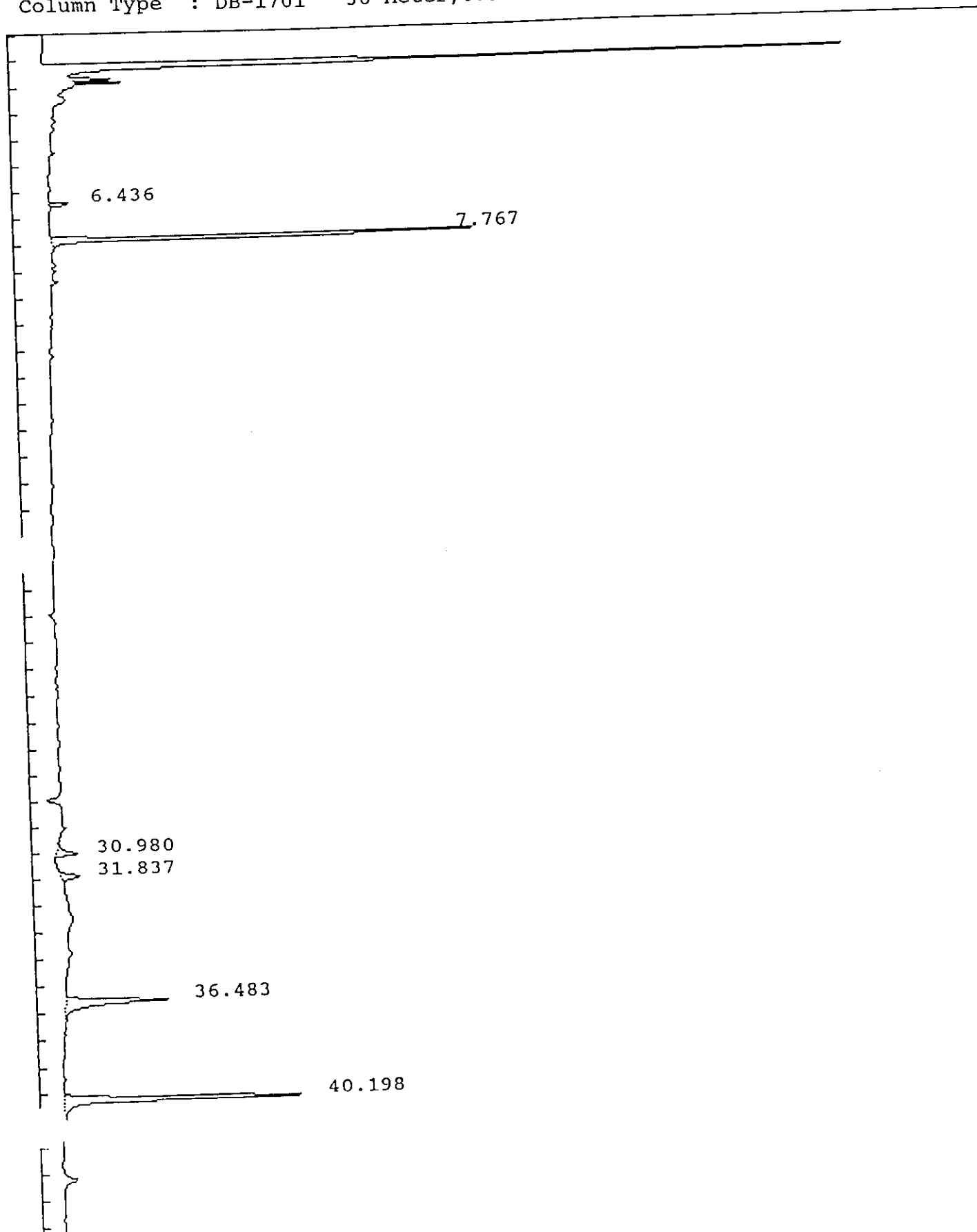
CAS NO.	COMPOUND	CONCENTRATION	Q
12674-11-2	Aroclor-1016	1000 990	U
11104-28-2	Aroclor-1221	2000	U
11141-16-5	Aroclor-1232	1000 990	U
53469-21-9	Aroclor-1242	990	U
12672-29-6	Aroclor-1248	990	U
11097-69-1	Aroclor-1254	990	U
11096-82-5	Aroclor-1260	990	U

YAC
3/17/93

IEA Pesticide Standard Report

Sample Name : 0211-B05 PBLK05
Result File : /DATA/LOOP/RESULT/B5044020.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1843 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0211-B05 PBLK05 Report No : 278.00
 Result File : /DATA/LOOP/RESULT/B5044020.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1843 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 20 Bottle no. : 20

% Dil-Fact
 100.00

Run Status : RunStatusOK

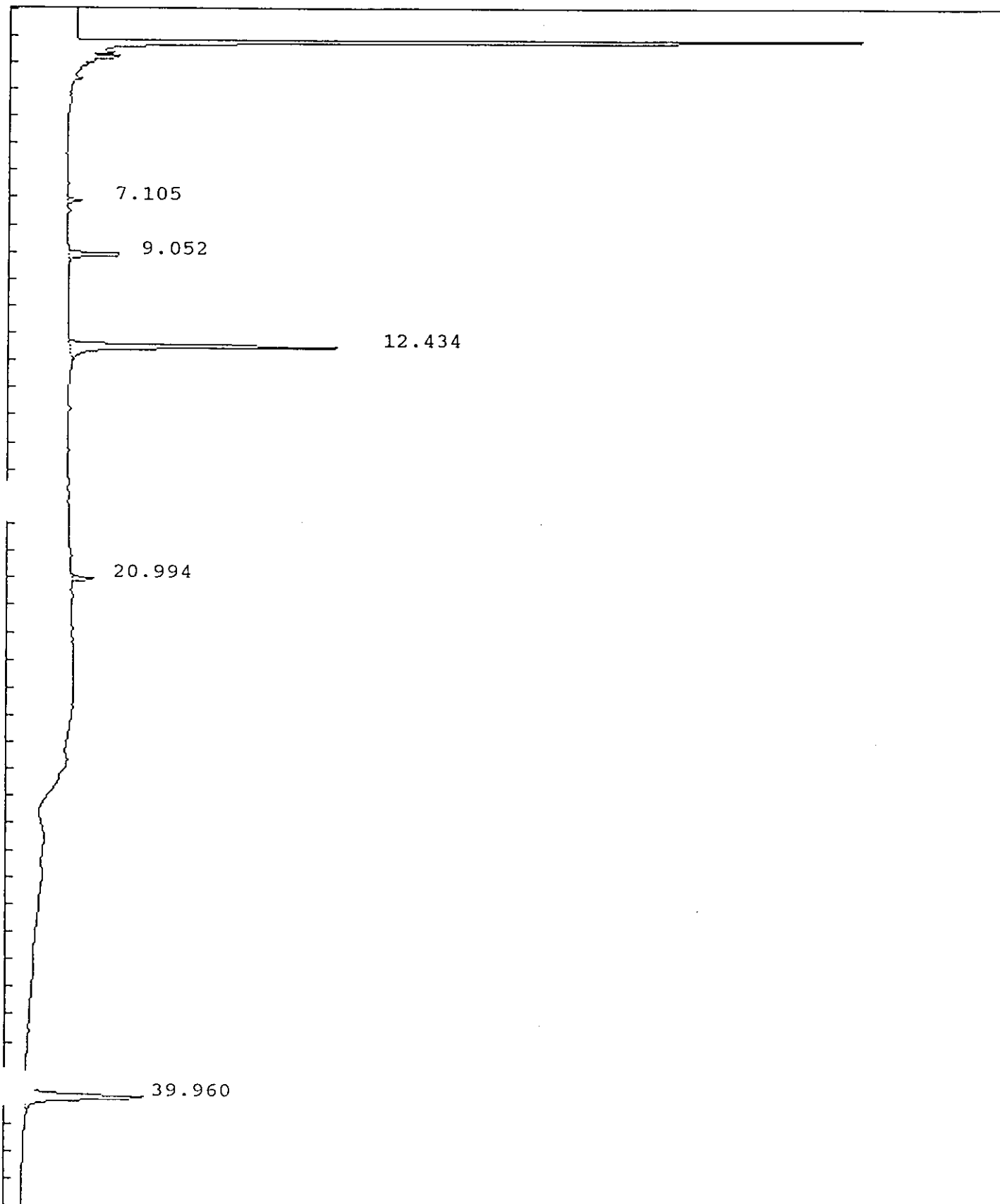
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.44		.066246	8415	BB	0.0000	
2	7.77	7.76	.075435	214332	BB	.1732	Tetrachloro-m-xylene
3	30.98		.157956	13554	BB	0.0000	
4	31.84		.184599	15257	BB	0.0000	
5	36.48		.206685	93279	BB	0.0000	
6	40.20	#40.19	.155553	167222	BB	.1364	Decachlorobiphenyl

Total Area : 512058 Total PPB : .310

Report Time : 1930 09Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044020.RES

IEA Pesticide Standard Report

Sample Name : 0211-B05 P/BLK05 *wt 1/10* Inj on 0644 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213057.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0211-B05 P/BLK05 ^{07/11/93} Report No : 284.00
 Result File : /DATA/LOOP/RESULT/A1213057.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0644 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 57 Bottle no. : 57

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.105795	32200	BB	0.0000	
2	9.05		.125978	166497	BB	0.0000	
3	12.43	12.40	.135022	822506	BB	.1688	Tetrachloro-m-xylene
4	20.99		.117722	62138	BB	0.0000	
5	39.96	#39.91	.240587	576451	BB	.1186	Decachlorobiphenyl

Total Area : 1659793 Total PPB : .287

Report Time : 0731 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213057.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKM5 1386

Lab Name: IEA/CT Contract: _____
 Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148
 Matrix: (soil/water) WATER Lab Sample ID: PIBLM5
 Sample wt/vol: _____ (g/mL) Lab File ID: B5044017.D
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 03/09/93
 Injection Volume: 1.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

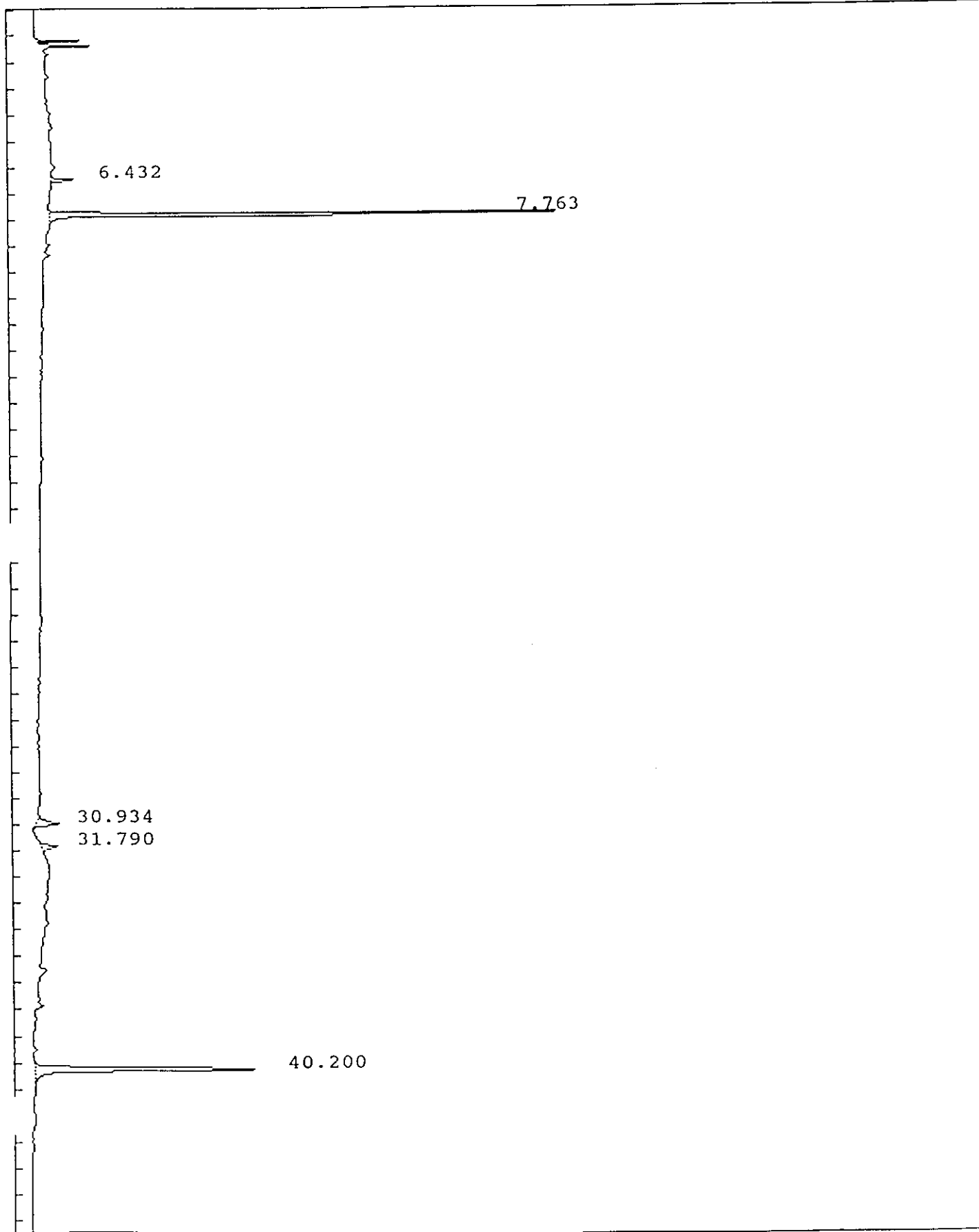
CAS NO. COMPOUND Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-36-3-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLKM5
Result File : /DATA/LOOP/RESULT/B5044017.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1543 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLKM5 Report No : 275.01
 Result File : /DATA/LOOP/RESULT/B5044017.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1543 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 17 Bottle no. : 17

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.43		.063412	9526	BB	0.0000	
2	7.76	7.76	.073883	232707	BB	.1881	Tetrachloro-m-xylene
3	30.93		.169371	16085	BB	0.0000	
4	31.79		.164668	11504	BB	0.0000	
5	40.20	#40.19	.146272	146783	BB	.1197	Decachlorobiphenyl

Total Area : 416605 Total PPB : .308

Report Time : 1232 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044017.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKM7

1383

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) WATER

Lab Sample ID: PIBLKM7

Sample wt/vol: _____ (g/mL)

Lab File ID: B5044030.D

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 03/10/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

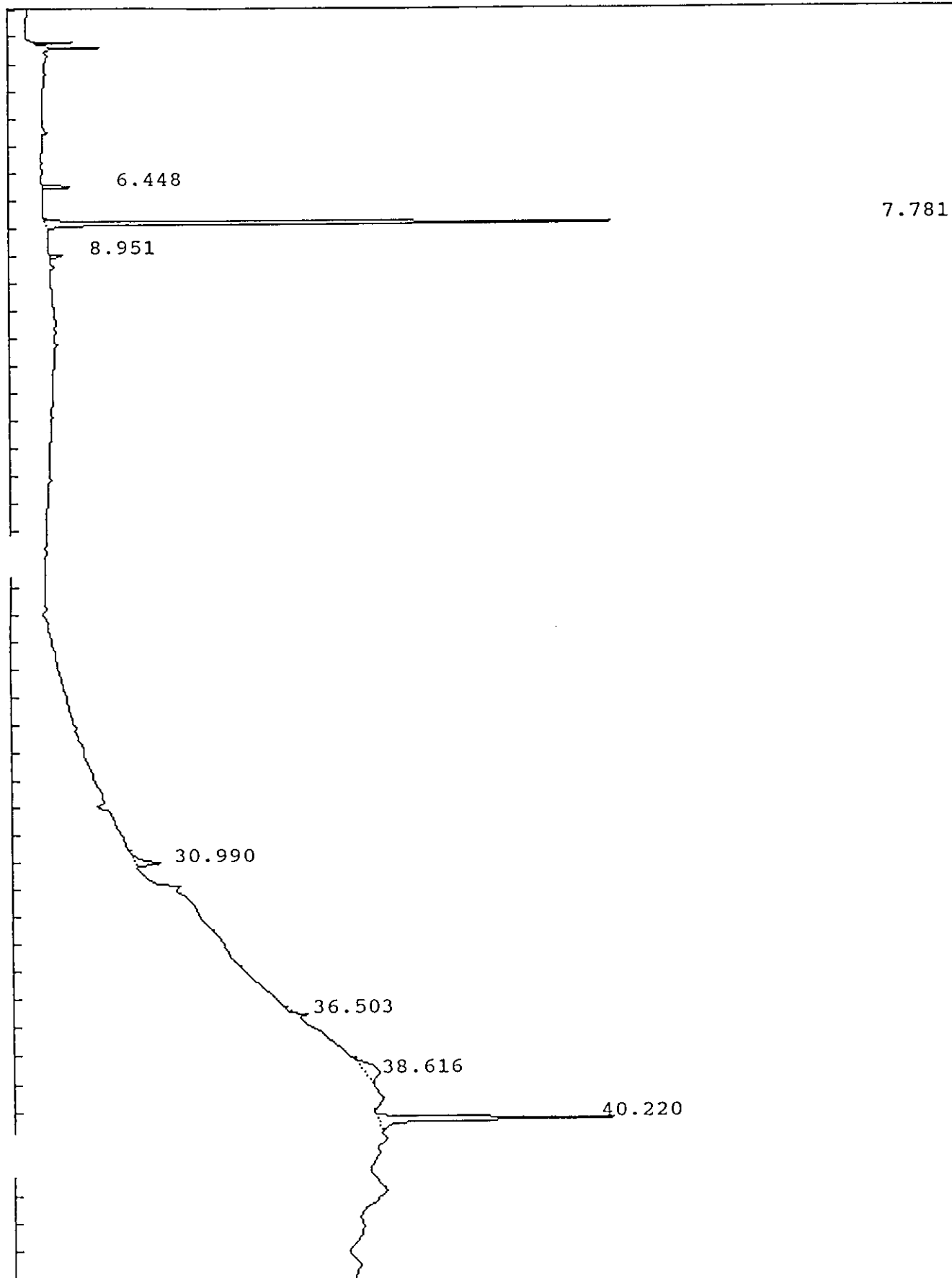
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-36-3-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLKM7
Result File : /DATA/LOOP/RESULT/B5044030.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0445 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLKM7 Report No : 288.10
 Result File : /DATA/LOOP/RESULT/B5044030.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0445 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 30 Bottle no. : 30

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.45		.062493	11514	BB	0.0000	
2	7.78	7.76	.071186	243690	BB	.1969	Tetrachloro-m-xylene
3	8.95		.086853	5527	BB	0.0000	
4	30.99	31.05	.189714	18785	BB	.0266	4,4'-DDT
5	36.50		.103878	4826	BB	0.0000	03/10/93 B7
6	38.62		.582295	33678	BB	0.0000	
7	40.22	#40.19	.142568	130882	BB	.1067	Decachlorobiphenyl

Total Area : 448902 Total PPB : .330

Report Time : 0912 10Mar1993
 Method : /DATA/LOOP/METHOD/B5044_030.MT
 Result File : /DATA/LOOP/RESULT/B5044030.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1392
PIBLKM8

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) WATER

Lab Sample ID: PIBLKM8

Sample wt/vol: _____ (g/mL)

Lab File ID: B5044042.D

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 03/10/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

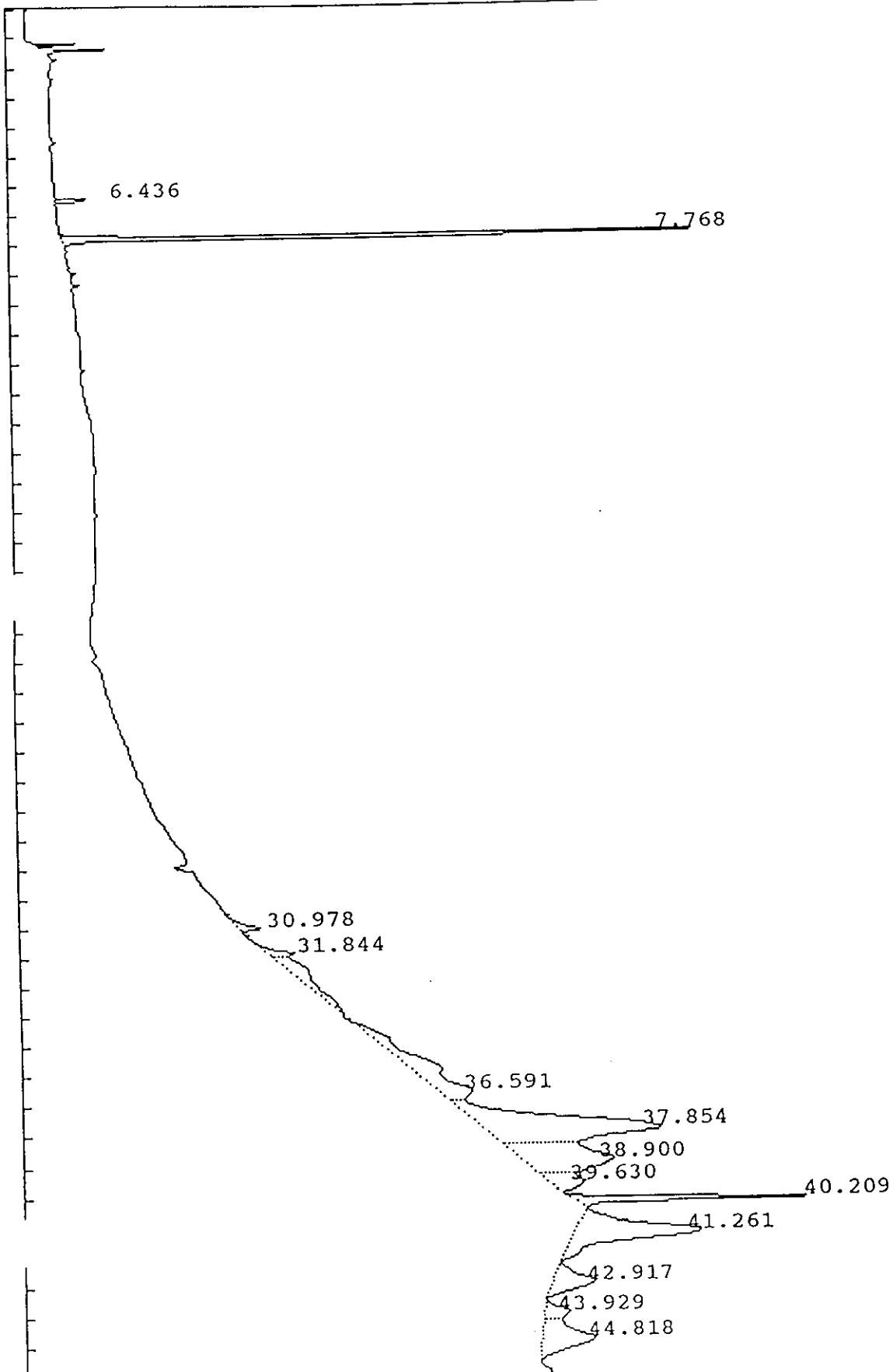
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLKMS
Result File : /DATA/LOOP/RESULT/B5044042.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1540 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLKM8 Report No : 300.10
 Result File : /DATA/LOOP/RESULT/B5044042.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1540 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 42 Bottle no. : 42

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.44		.062571	12050	BB	0.0000	
2	7.77	7.76	.073380	264057	BB	.2134	Tetrachloro-m-xylene
3	30.98		.191347	16199	BB	0.0000	
4	31.84		.260737	25811	BV	0.0000	
5	36.59		2.211492	270403	VV	0.0000	
6	37.85		.803561	491932	VV	0.0000	
7	38.90		.789980	251834	VV	0.0000	
8	39.63		.484445	61666	VB	0.0000	
9	40.21	#40.19	.136673	121617	BB	.0992	Decachlorobiphenyl
10	41.26		.624861	271561	BB	0.0000	
11	42.92		.551564	81087	BB	0.0000	
12	43.93		.396232	33627	BV	0.0000	
13	44.82		.712888	130167	VB	0.0000	

Total Area : 2032012 Total PPB : .313

Report Time : 1920 15Mar1993
 Method : /DATA/LOOP/METHOD/B5044_042.MT
 Result File : /DATA/LOOP/RESULT/B5044042.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 1395

PIBLK15

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK15

Sample wt/vol: _____ (g/mL)

Lab File ID: A1213017.D

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 03/11/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

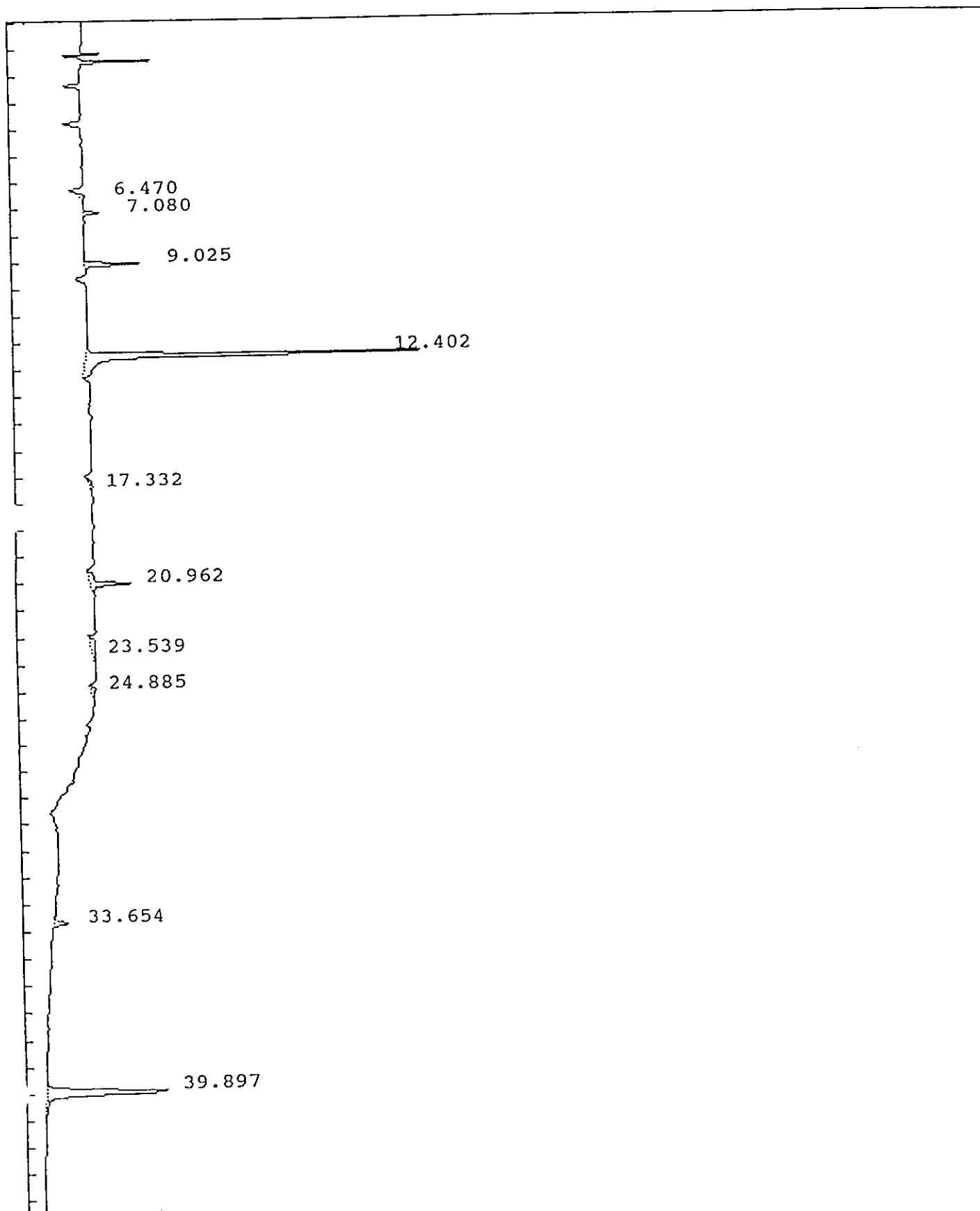
Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK15 Inj on 0622 11Mar1993
Result File : /DATA/LOOP/RESULT/A1213017.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK15
 Result File : /DATA/LOOP/RESULT/A1213017.RES
 Column Type : RTX-35 30 Meter,0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0622 11Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 17 Bottle no. : 17

Report No :244.02

Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.47		.188436	31500	BB	0.0000	
2	7.08		.098574	37499	BB	0.0000	
3	9.02		.115913	144130	BB	0.0000	
4	12.40	12.40	.134834	1031517	BV	.2117	Tetrachloro-m-xylene
5	17.33		.351442	22393	BV	0.0000	
6	20.96		.175583	164463	PV	0.0000	
7	23.54		.865786	70824	PV	0.0000	
8	24.88		.332632	35580	PV	0.0000	
9	33.65		.131707	39596	BB	0.0000	
10	39.90	#39.91	.222834	580566	BB	.1195	Decachlorobiphenyl

Total Area : 2158068 Total PPB : .331

Report Time : 1921 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213017.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK23

1333

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK23

Sample wt/vol: _____ (g/mL)

Lab File ID: A1213034.D

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted: _____

Concentrated Extract Volume: _____ (uL)

Date Analyzed: 03/12/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

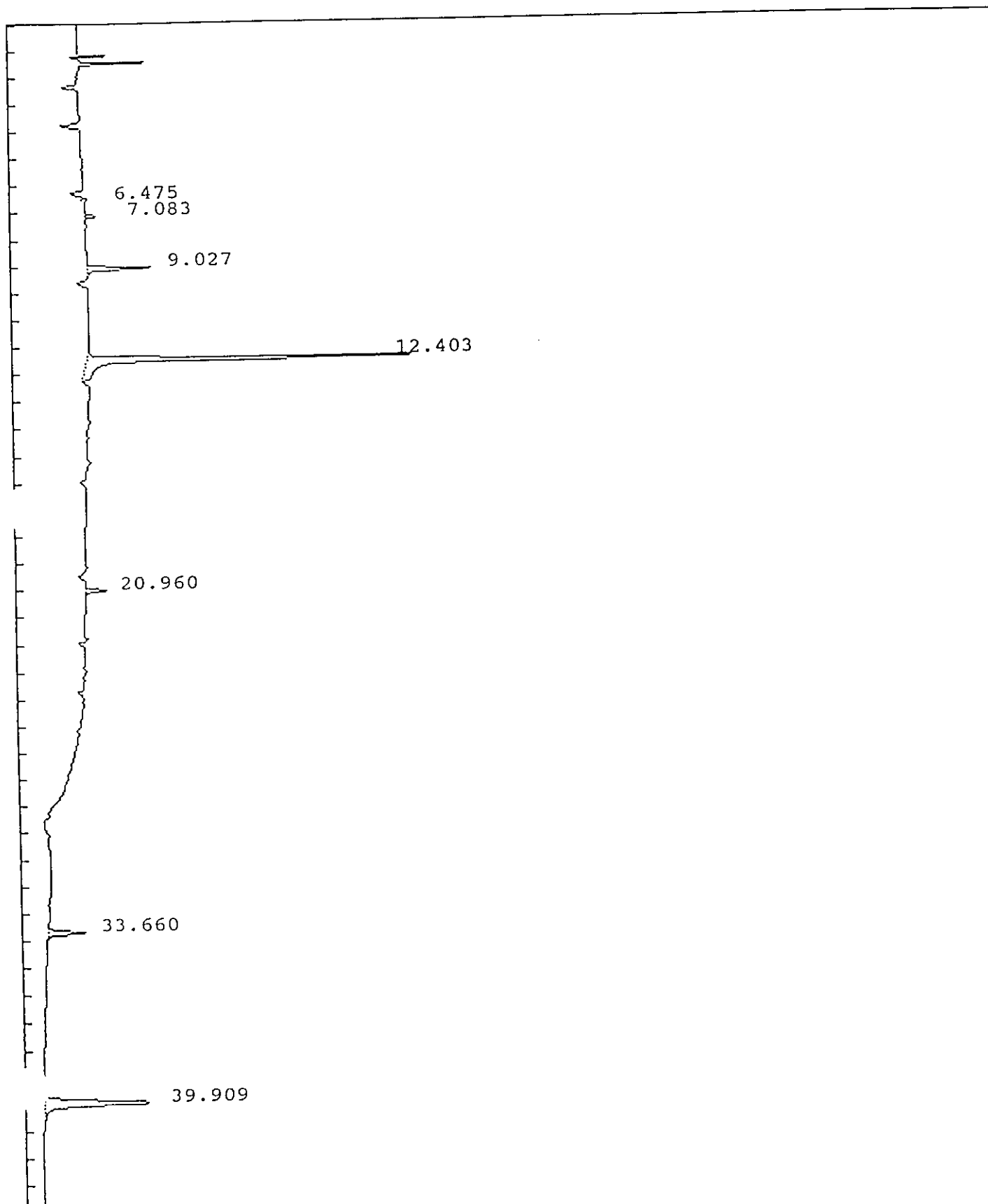
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND UG/L Q

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK23 Inj on 0921 12Mar1993
Result File : /DATA/LOOP/RESULT/A1213034.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK23 Report No : 261.02
 Result File : /DATA/LOOP/RESULT/A1213034.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0921 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 34 Bottle no. : 34

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.48		.183493	29246	BB	0.0000	
2	7.08		.096657	26216	BB	0.0000	
3	9.03		.115241	163831	BB	0.0000	
4	12.40	12.40	.133799	996134	BV	.2045	Tetrachloro-m-xylene
5	20.96		.111192	56690	BB	0.0000	
6	33.66		.141272	113251	BB	0.0000	
7	39.91	#39.91	.221747	509426	BB	.1048	Decachlorobiphenyl

Total Area : 1894794 Total PPB : .309

Report Time : 1026 12Mar1993
 Method : /DATA/LOOP/METHOD/A1213B.MTH
 Result File : /DATA/LOOP/RESULT/A1213034.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK25	1401
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Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148

Matrix: (soil/water) WATER Lab Sample ID: PIBLK25

Sample wt/vol: _____ (g/mL) Lab File ID: A1213047.D

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 03/12/93

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND U Q

319-84-6-----alpha-BHC	0.050	U
319-85-7-----beta-BHC	0.050	U
319-86-8-----delta-BHC	0.050	U
58-89-9-----gamma-BHC (Lindane)	0.050	U
76-44-8-----Heptachlor	0.050	U
309-00-2-----Aldrin	0.050	U
1024-57-3-----Heptachlor epoxide	0.050	U
959-98-8-----Endosulfan I	0.050	U
60-57-1-----Dieldrin	0.10	U
72-55-9-----4,4'-DDE	0.10	U
72-20-8-----Endrin	0.10	U
33213-65-9-----Endosulfan II	0.10	U
72-54-8-----4,4'-DDD	0.10	U
1031-07-8-----Endosulfan sulfate	0.10	U
50-29-3-----4,4'-DDT	0.10	U
72-43-5-----Methoxychlor	0.50	U
53494-70-5-----Endrin ketone	0.10	U
7421-36-3-----Endrin aldehyde	0.10	U
5103-71-9-----alpha-Chlordane	0.050	U
5103-74-2-----gamma-Chlordane	0.050	U
8001-35-2-----Toxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U
11104-28-2-----Aroclor-1221	2.0	U
11141-16-5-----Aroclor-1232	1.0	U
53469-21-9-----Aroclor-1242	1.0	U
12672-29-6-----Aroclor-1248	1.0	U
11097-69-1-----Aroclor-1254	1.0	U
11096-82-5-----Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK25

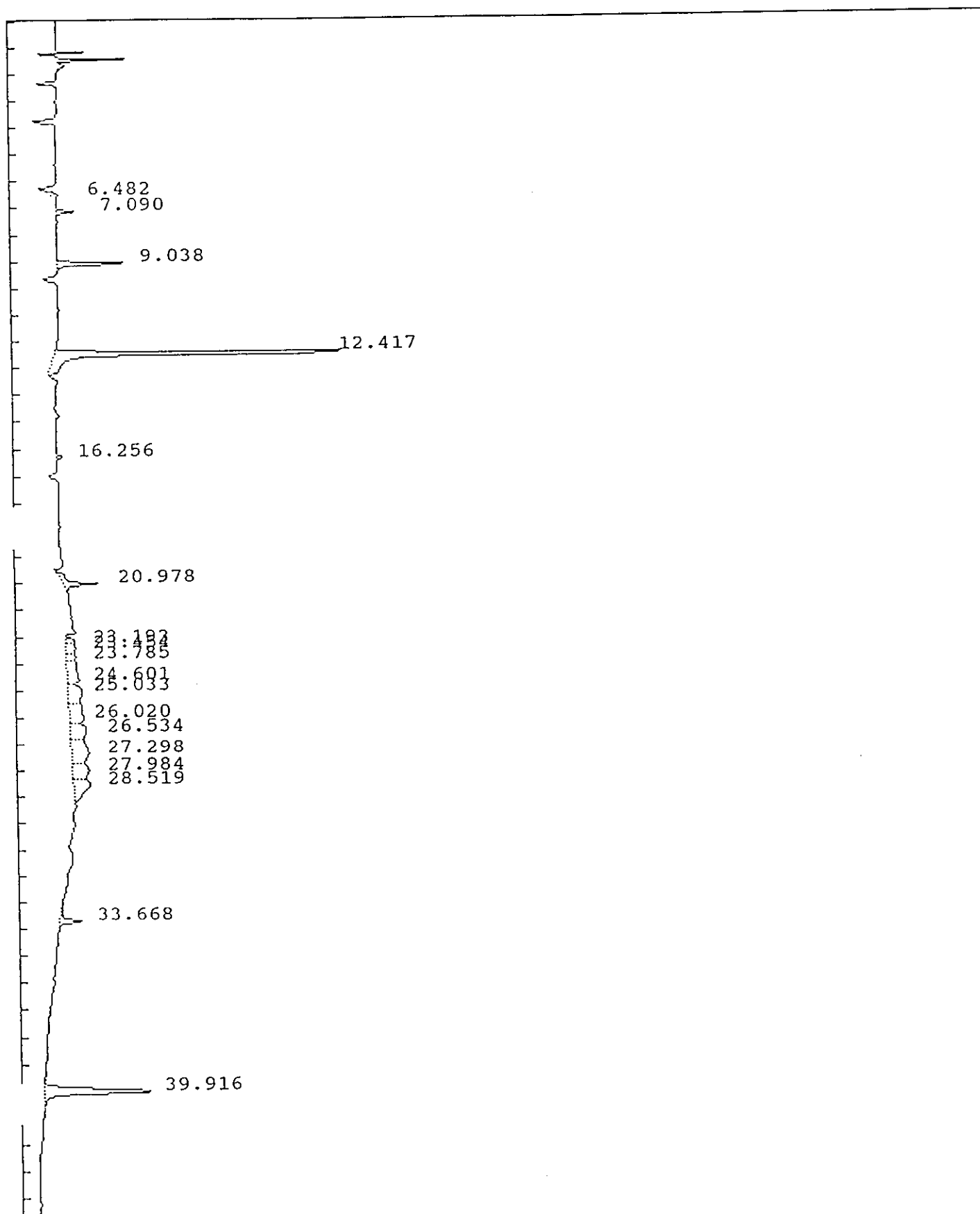
Inj on 2146 12Mar1993

Result File : /DATA/LOOP/RESULT/A1213047.RES

INSTRUMENT: HP58901A

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK25 Report No : 274.00
 Result File : /DATA/LOOP/RESULT/A1213047.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2146 12Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 47 Bottle no. : 47

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.48		.202434	36709	BB	0.0000	
2	7.09		.098843	39435	BB	0.0000	
3	9.04		.114666	171478	BB	0.0000	
4	12.42	12.40	.134159	961296	BV	.1973	Tetrachloro-m-xylene
5	16.26		.118568	15217	BB	0.0000	
6	20.98		.181174	136969	PB	0.0000	
7	23.19		.226259	41636	PV	0.0000	
8	23.45		.315382	60778	VV	0.0000	
9	23.78		.250155	47108	VV	0.0000	
10	24.60		.711527	165003	VV	0.0000	
11	25.03		.624349	172068	VV	0.0000	
12	26.02	26.00	.637710	177953	VV	.0500	Endosulfan-I- ²³ 3/4
13	26.53		.574422	176122	VV	0.0000	
14	27.30		.750472	253112	VV	0.0000	
15	27.98		.528589	169440	VV	0.0000	
16	28.52		.562146	187232	VV	0.0000	
17	33.67		.181433	80175	BB	0.0000	
18	39.92	#39.91	.220754	474528	BB	.0977	Decachlorobiphenyl

Total Area : 3366261 Total PPB : .345

Report Time : 2233 12Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213047.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK27

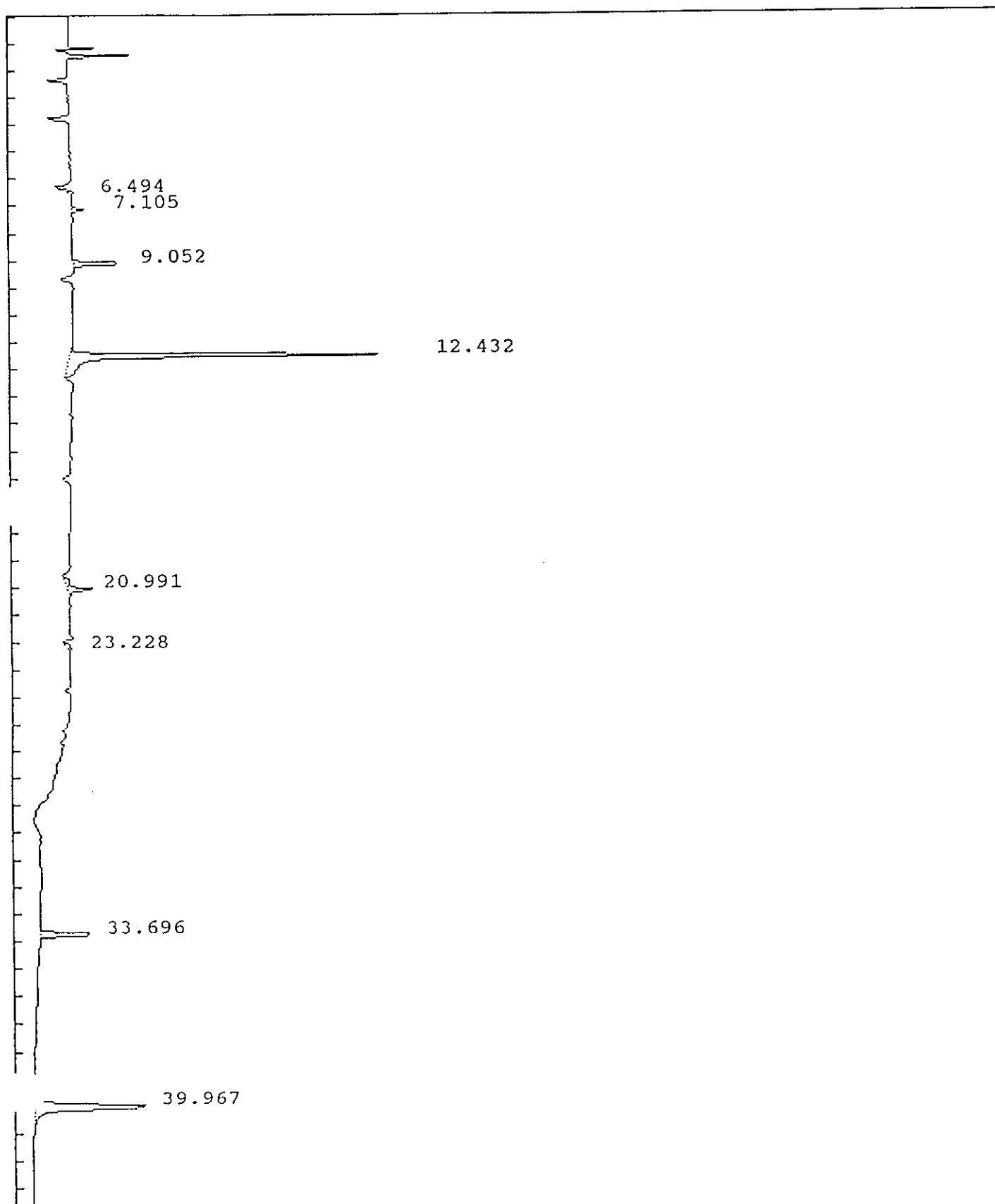
1404

Lab Name: IEA/CT Contract: _____
 Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148
 Matrix: (soil/water) WATER Lab Sample ID: PIBLK27
 Sample wt/vol: _____ (g/mL) Lab File ID: A1213060.D
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 03/13/93
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK27 Inj on 0926 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213060.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK27 Report No : 287.00
 Result File : /DATA/LOOP/RESULT/A1213060.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0926 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 60 Bottle no. : 60

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.49		.190797	30494	BB	0.0000	
2	7.10		.096126	23839	BB	0.0000	
3	9.05		.115123	130620	BB	0.0000	
4	12.43	12.40	.137622	981543	BV	.2015	Tetrachloro-m-xylene
5	20.99		.178970	102932	PB	0.0000	
6	23.23		.360512	29811	PB	0.0000	
7	33.70		.144195	167174	BB	0.0000	
8	39.97	#39.91	.231371	532141	BB	.1095	Decachlorobiphenyl

Total Area : 1998555 Total PPB : .311

Report Time : 1012 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213060.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK29	1407
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Lab Name: IEA/CT Contract: _____
 Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148
 Matrix: (soil/water) WATER Lab Sample ID: PIBLK29
 Sample wt/vol: _____ (g/mL) Lab File ID: A1213072.D
 % Moisture: _____ decanted: (Y/N) _____ Date Received: _____
 Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____
 Concentrated Extract Volume: _____ (uL) Date Analyzed: 03/13/93
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

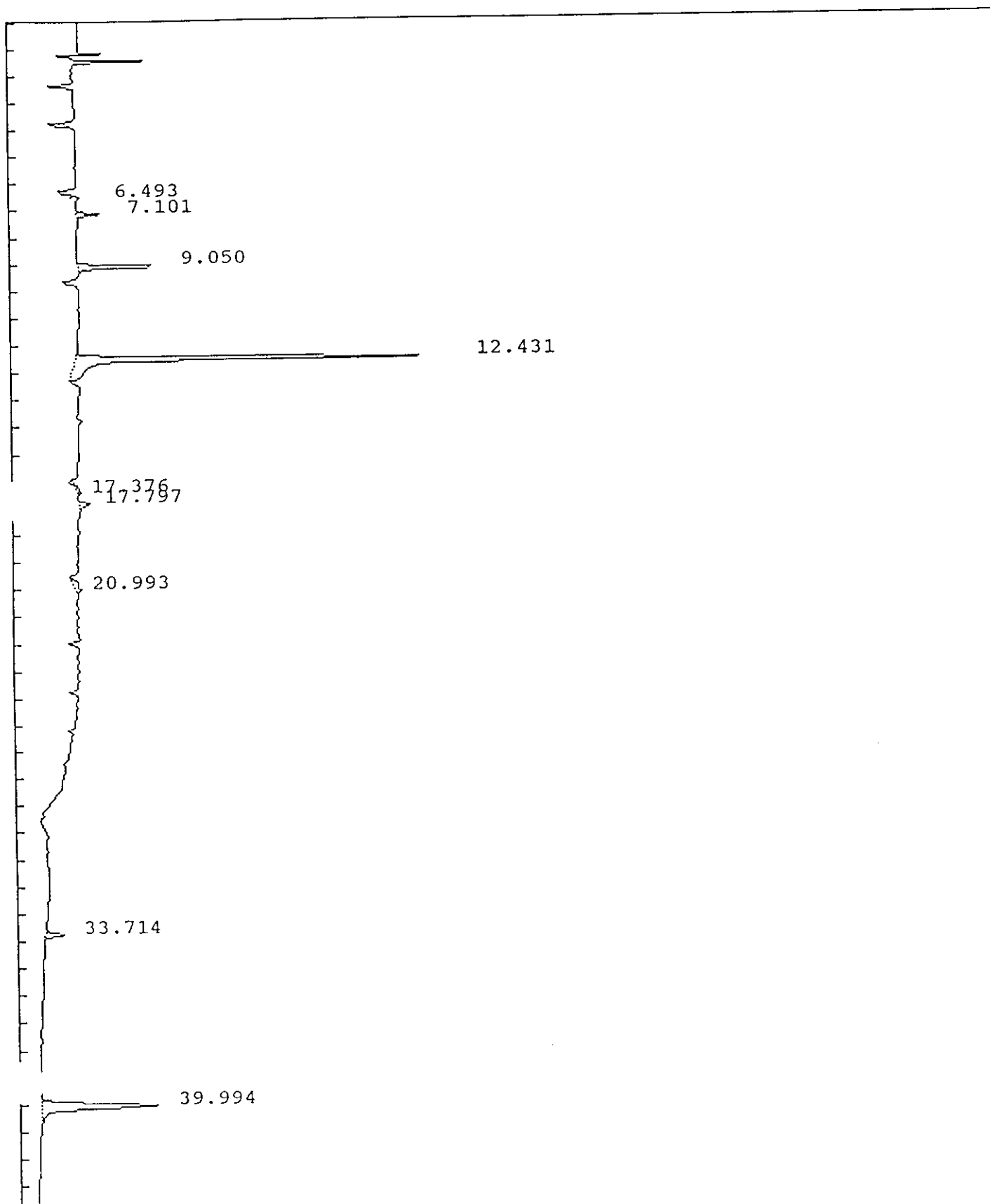
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND UG/L Q

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK29 Inj on 2012 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213072.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK29 Report No : 299.00
 Result File : /DATA/LOOP/RESULT/A1213072.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 2012 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 72 Bottle no. : 72

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.49		.195375	39044	BB	0.0000	
2	7.10		.098591	46960	BB	0.0000	
3	9.05		.117480	224666	BB	0.0000	
4	12.43	12.40	.138523	1096413	BV	.2250	Tetrachloro-m-xylene
5	17.38		.145640	13016	BB	0.0000	
6	17.80		.163077	40443	BB	0.0000	
7	20.99		.378347	55565	PB	0.0000	
8	33.71		.139833	51041	BB	0.0000	
9	39.99	#39.91	.230649	535513	BB	.1102	Decachlorobiphenyl

Total Area : 2102661 Total PPB : .335

Report Time : 2059 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213072.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK31 14:0

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148

Matrix: (soil/water) WATER Lab Sample ID: PIBLK31

Sample wt/vol: _____ (g/mL) Lab File ID: A1213084.D

% Moisture: _____ decanted: (Y/N) _____ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 03/14/93

Injection Volume: 1.0(uL) Dilution Factor: 1.0

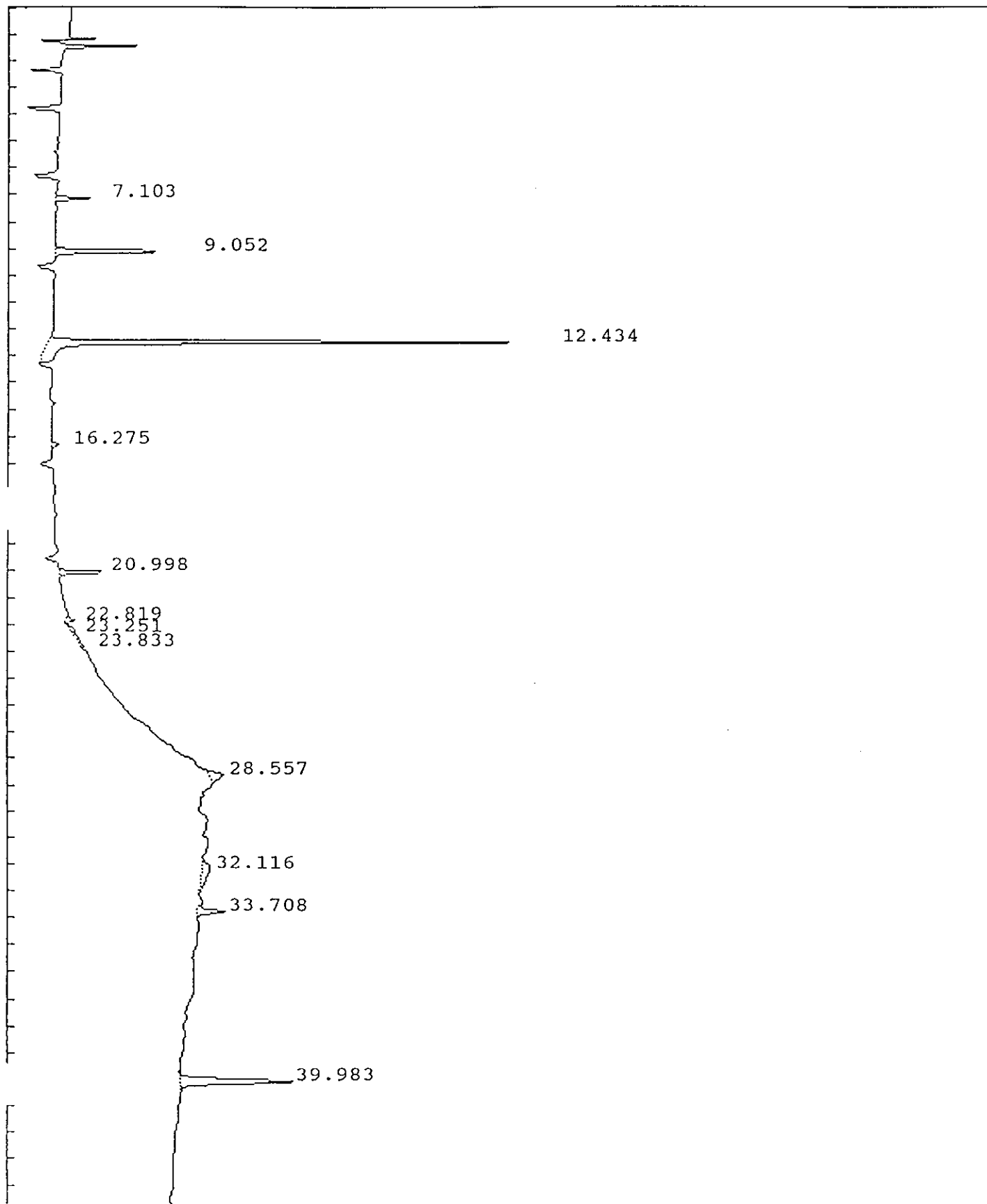
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

IEA Pesticide Standard Report

Sample Name : PIBLK31 Inj on 0659 14Mar1993
Result File : /DATA/LOOP/RESULT/A1213084.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK31 Report No : 311.10
 Result File : /DATA/LOOP/RESULT/A1213084.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.23 Mins. Injected on 0659 14Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 84 Bottle no. : 84

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.10		.096632	67099	BB	0.0000	
2	9.05		.113556	274656	BB	0.0000	
3	12.43	12.40	.126916	1232461	BV	.2530	Tetrachloro-m-xylene
4	16.27		.121436	18173	BB	0.0000	
5	21.00		.106092	115796	BB	0.0000	
6	22.82		.133794	22334	BV	0.0000	
7	23.25		.272328	28869	PV	0.0000	
8	23.83		.720144	35147	VV	0.0000	
9	28.56		.267720	80785	BB	0.0000	
10	32.12		.667334	101718	BB	0.0000	
11	33.71		.156954	84463	VV	0.0000	
12	39.98	#39.91	.205465	435279	BB	.0896	Decachlorobiphenyl

Total Area : 2496780 Total PPB : .343

Report Time : 1002 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_084.MT
 Result File : /DATA/LOOP/RESULT/A1213084.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36MS 1413

Lab Name: IEA/CT Contract: _____

Lab Code: IEACT Case No.: 0148 SAS No.: _____ SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ O/L Lab Sample ID: 0148007MS

Sample wt/vol: 1.04(g/mL) G Lab File ID: B5044026.D

% Moisture: 0 decanted: (Y/N) N 0.73/10 Date Received: 02/09/93

Extraction: (SepF/Cont/Sonc) ~~SONC~~ Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL) Date Analyzed: 03/10/93

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

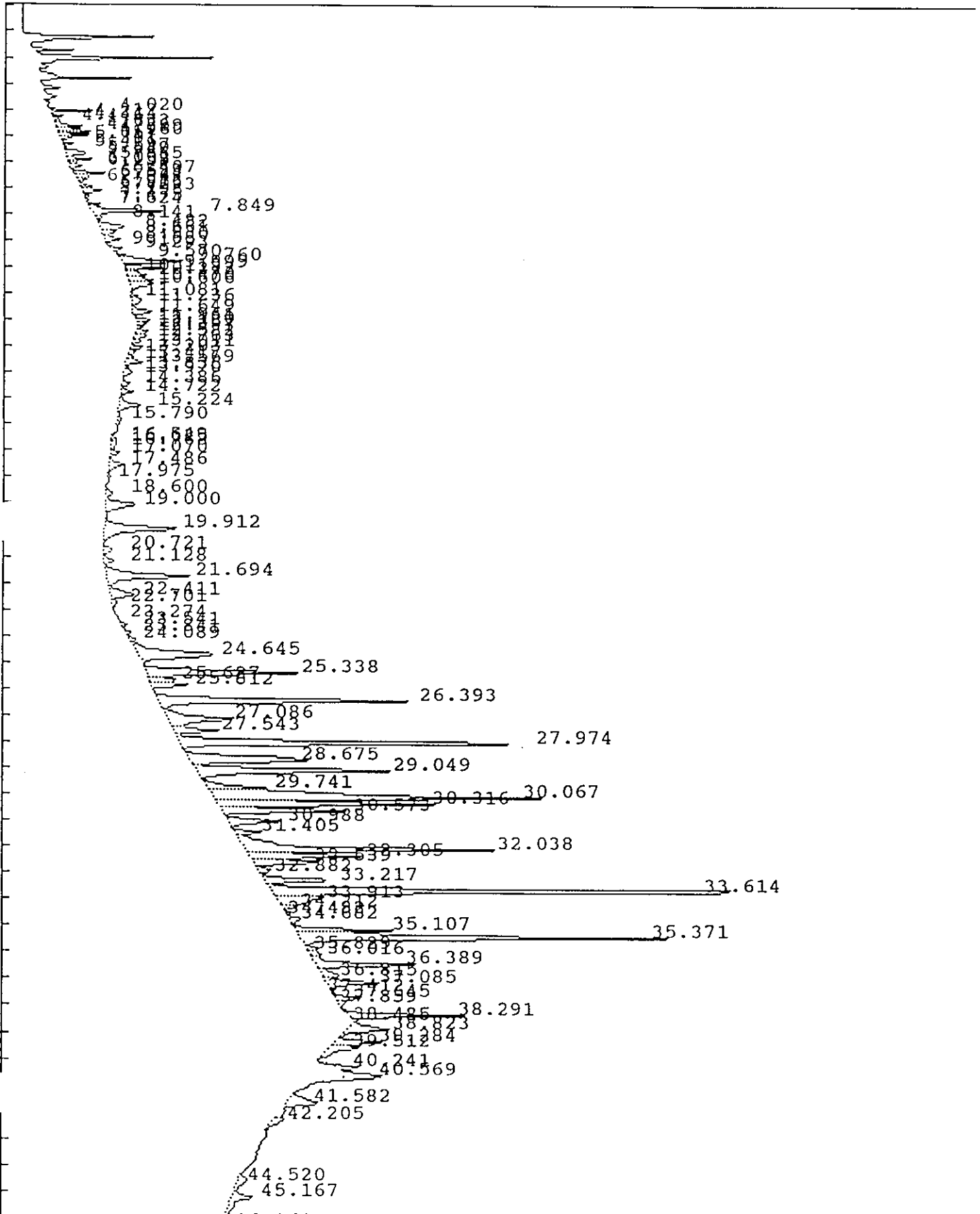
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	960 950	U
11104-28-2-----	Aroclor-1221	1900	U
11141-16-5-----	Aroclor-1232	960 950	U
53469-21-9-----	Aroclor-1242	960 950	U
12672-29-6-----	Aroclor-1248	960 950	U
11097-69-1-----	Aroclor-1254	960 950	U
11096-82-5-----	Aroclor-1260	15000	U

3/17/93

IEA Pesticide Standard Report

Sample Name : 0148007MS MW-36MS
Result File : /DATA/LOOP/RESULT/B5044026.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0109 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MS MW-36MS Report No : 284.10
 Result File : /DATA/LOOP/RESULT/B5044026.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0109 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 26 Bottle no. : 26

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.02		.038147	63829	PH	0.0000	
2	4.21		.052790	24592	BV	0.0000	
3	4.34		.086078	16626	VV	0.0000	
4	4.45		.059632	15879	VV	0.0000	
5	4.63		.092780	87083	VV	0.0000	
6	4.78		.077026	63903	VV	0.0000	
7	4.83		.056897	59405	VV	0.0000	
8	4.96		.073202	79905	VV	0.0000	
9	5.06		.061889	20078	VB	0.0000	
0	5.30		.084756	30152	BV	0.0000	
11	5.42		.043332	2438	VV	0.0000	
12	5.54		.055072	19813	VV	0.0000	
13	5.65		.112771	92682	VV	0.0000	
14	5.89		.078378	67224	VV	0.0000	
15	6.00		.058433	12979	VV	0.0000	
16	6.05		.050766	10484	VV	0.0000	
17	6.15		.104373	35312	VB	0.0000	
18	6.41		.107778	112635	BV	0.0000	
19	6.53		.071585	30135	VV	0.0000	
20	6.62		.089420	32377	VV	0.0000	
21	6.77		.073957	13221	VB	0.0000	
22	6.91		.071286	27828	BV	0.0000	
23	6.98		.045911	13234	VV	0.0000	
24	7.09		.102899	70911	VV	0.0000	
25	7.30		.102503	22237	VV	0.0000	
26	7.48		.055238	7542	VV	0.0000	
27	7.62		.071523	37310	PV	0.0000	
28	7.85		.105555	288704	VV	0.0000	
29	8.14		.071529	14439	VV	0.0000	
30	8.48		.232984	151603	BV	0.0000	
31	8.66		.125183	49546	VV	0.0000	
32	8.93		.138433	66736	VV	0.0000	
33	9.11		.056312	2329	VB	0.0000	
34	9.29		.116655	46652	BV	0.0000	
35	9.57		.091205	40716	VV	0.0000	
36	9.76		.098618	254818	VB	0.0000	
37	10.00		.109260	119006	BV	0.0000	
38	10.12		.064270	18141	VV	0.0000	
39	10.27		.136479	78162	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	10.47		.145810	97679	VV	0.0000	
41	10.61		.144397	103873	VV	0.0000	
42	11.08	11.07	.115146	21048	BV	.0240	alpha-BHC
43	11.24		.238807	64367	VV	0.0000	
44	11.65		.171255	83657	VV	0.0000	
45	11.96		.110490	55272	PV	0.0000	
46	12.12		.089137	24709	VB	0.0000	
47	12.26		.067699	12214	BV	0.0000	
48	12.40		.156132	49966	VV	0.0000	
49	12.58		.122177	38571	VV	0.0000	
50	12.76	12.72	.120656	28012	VB	.0306	gamma-BHC (Lindane)
51	13.01		.102301	41840	BV	0.0000	
52	13.20		.119266	21554	VV	0.0000	
53	13.42		.099598	22613	VV	0.0000	
54	13.57		.113292	54652	VB	0.0000	
55	13.84		.082094	8935	BV	0.0000	
56	13.97		.173122	35195	VB	0.0000	
57	14.39		.134301	30211	BV	0.0000	
58	14.72		.127889	45325	PB	0.0000	
59	15.22	15.26	.214132	131412	BB	.1431	Aldrin
60	15.79		.243281	30704	VV	0.0000	
61	16.55		.102800	14021	BV	0.0000	
62	16.63		.083897	12120	VV	0.0000	
63	16.77		.212305	35210	VV	0.0000	
64	17.07		.174597	45229	VV	0.0000	
65	17.49		.198196	80007	VB	0.0000	
66	17.97		.159839	15022	BV	0.0000	
67	18.60		.191195	33965	PB	0.0000	
68	19.00	18.97	.246228	208457	BV	.2848	delta-BHC
69	19.91		.246680	504135	VB	0.0000	
70	20.72		.196369	49003	BV	0.0000	
71	21.13		.166799	47050	VB	0.0000	
72	21.69		.233770	536191	BV	0.0000	
73	22.41		.245049	163151	VV	0.0000	
74	22.70	22.71	.225994	31089	VV	.0360	Endosulfan I
75	23.27	23.34	.116108	4473	PV	.0038	gamma-Chlordane
76	23.54		.163147	28828	PV	0.0000	
77	23.84	23.79	.140515	27890	VB	.0223	alpha-Chlordane
78	24.09		.152671	35262	BV	0.0000	
79	24.65		.305422	629357	VB	0.0000	
80	25.34		.186374	771477	BV	0.0000	
81	25.63	25.64	.145725	111517	VV	.1246	Dieldrin
82	25.81		.147073	155165	VV	0.0000	
83	26.39		.167798	1172732	BV	0.0000	
84	27.09		.256310	485006	VV	0.0000	
85	27.54		.155342	201647	VV	0.0000	
86	27.97		.159470	1571864	VB	0.0000	
87	28.68		.245909	789713	BV	0.0000	
88	29.05		.172284	951563	VB	0.0000	
89	29.74		.158827	247675	BV	0.0000	
90	30.07	30.11	.199628	1850635	VV	2.4888	4,4'-DDT
91	30.32		.142521	871592	VV	0.0000	
92	30.57		.139601	507806	VB	0.0000	
93	30.99	31.05	.176067	249481	BB	.3536	4,4'-DDT
94	31.40		.119220	95332	BV	0.0000	

09/23/66

IEA Pesticide Standard Report

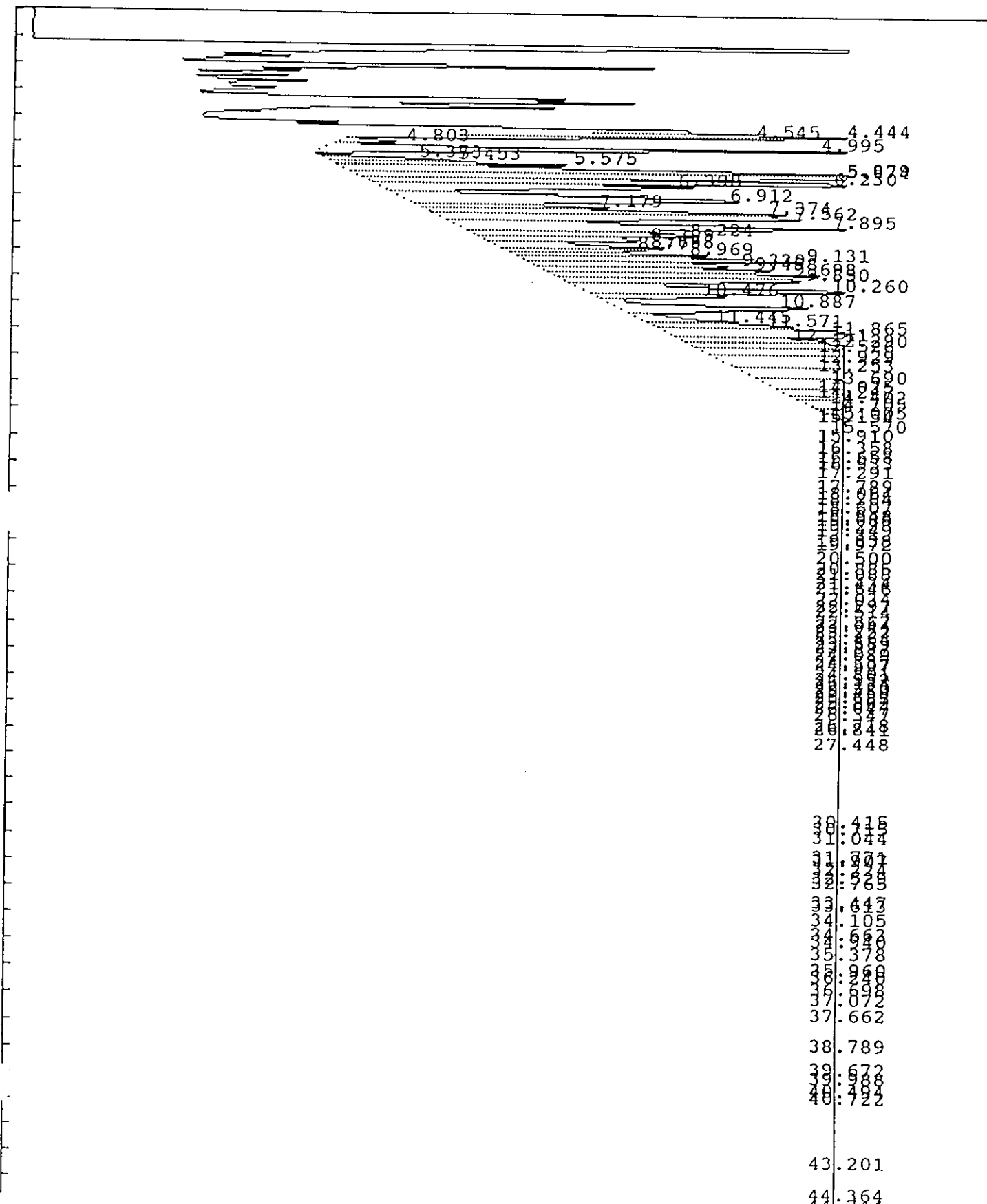
#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
95	32.04			.175428	1271586	VV	0.0000	
96	32.30			.140898	462292	VV	0.0000	
97	32.54	32.52		.156046	300065	VV	.5314	Endrin-aldehyde
98	32.88			.172616	60359	VB	0.0000	
99	33.22			.140769	280083	BV	0.0000	
100	33.61			.144412	2228162	VV	0.0000	
101	33.91			.229249	298424	VV	0.0000	
102	34.21	34.19		.139733	70357	VB	.0965	Endosulfan-sulfate
103	34.48	34.52		.098822	10558	BV	.0291	Methoxychlor
104	34.68			.182975	60512	VB	0.0000	
105	35.11			.126171	351711	BV	0.0000	
106	35.37			.154105	1607574	VV	0.0000	
107	35.83			.166293	52992	VV	0.0000	
108	36.02			.116887	40716	VV	0.0000	
109	36.39			.156897	472161	VV	0.0000	
110	36.81			.197221	101620	VV	0.0000	
111	37.09			.156160	248310	VV	0.0000	
112	37.41			.153421	14480	VB	0.0000	
113	37.65			.133361	107224	BV	0.0000	
114	37.86			.177704	39628	VV	0.0000	
115	38.29			.119998	407497	BV	0.0000	
116	38.49			.088302	11780	VB	0.0000	
117	38.82			.191873	224953	BV	0.0000	
118	39.28			.140272	184238	VV	0.0000	
119	39.51			.199202	167788	VB	0.0000	
120	40.24	#40.19		.115392	90370	BV	.0737	Decachlorobiphenyl
121	40.57			.155439	99161	BB	0.0000	
122	41.58			.234685	209994	BB	0.0000	
123	42.21			.251777	66124	VV	0.0000	
124	44.52			.352483	91531	PV	0.0000	
125	45.17			.315628	171999	VV	0.0000	
126	46.26			.169040	17549	PB	0.0000	

Total Area : 25557936 Total PPB : 4.242

Report Time : 1831 15Mar1993
Method : /DATA/LOOP/METHOD/B5044_025.MT
Result File : /DATA/LOOP/RESULT/B5044026.RES

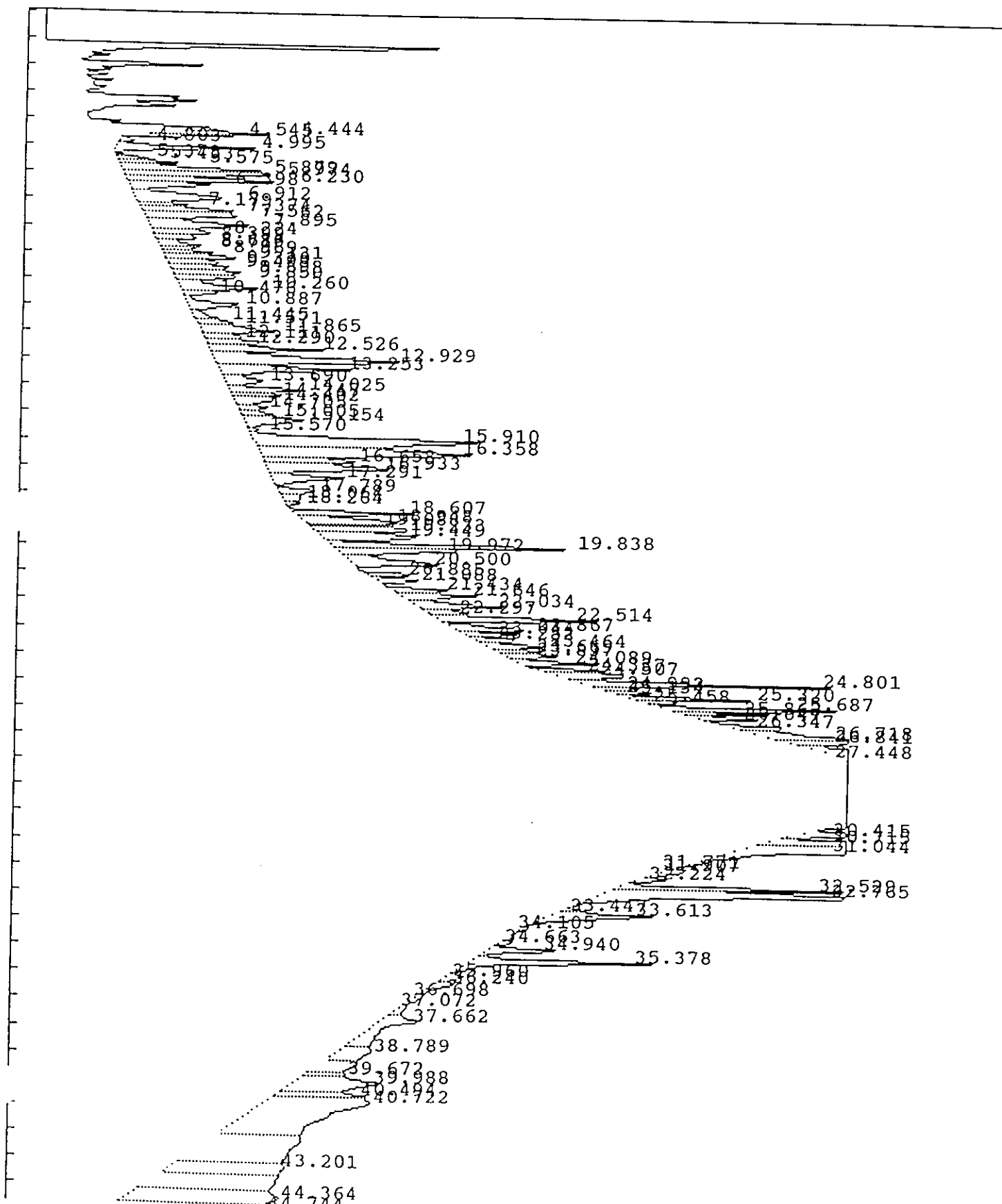
IEA Pesticide Standard Report

Sample Name : 0148007MS MW-36MS Inj on 0135 14Mar1993
Result File : /DATA/LOOP/RESULT/A1213078.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MS MW-36MS Inj on 0135 14Mar1993
Result File : /DATA/LOOP/RESULT/A1213078.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MS MW-36MS Report No :305.10
 Result File : /DATA/LOOP/RESULT/A1213078.RES
 Column Type : RTX-35 30 Meter,0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0135 14Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 78 Bottle no. : 78

% Dil-Fact
 100.00

Run Status : EndOffBaseline
 SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.44		.090993	617287	PV	0.0000	
2	4.54		.073862	435994	VV	0.0000	
3	4.80		.116141	119557	PV	0.0000	
4	5.00		.122685	1327229	VV	0.0000	
5	5.37		.068899	107164	PV	0.0000	
6	5.45		.077574	186029	VV	0.0000	
7	5.57		.129844	554187	VV	0.0000	
8	5.88		.170412	1749836	VV	0.0000	
9	5.97		.142991	1477452	VV	0.0000	
10	6.23		.136924	1546498	VV	0.0000	
11	6.40		.156579	984172	VV	0.0000	
12	6.91		.301103	1768106	VV	0.0000	
13	7.18		.132028	463144	VV	0.0000	
14	7.37		.172006	1078593	VV	0.0000	
15	7.56		.173096	1134662	VV	0.0000	
16	7.90		.241314	1683667	VV	0.0000	
17	8.22		.212631	839689	VV	0.0000	
18	8.40		.137770	416903	VV	0.0000	
19	8.69		.165206	495306	VV	0.0000	
20	8.78		.092655	244147	VV	0.0000	
21	8.97		.145283	515358	VV	0.0000	
22	9.13		.147589	792289	VV	0.0000	
23	9.32		.129376	499035	VV	0.0000	
24	9.50		.156807	664001	VV	0.0000	
25	9.70		.166590	813629	VV	0.0000	
26	9.85		.175874	808110	VV	0.0000	
27	10.26		.210486	1184584	VV	0.0000	
28	10.48		.153026	363173	VV	0.0000	
29	10.89		.225512	824242	VV	0.0000	
30	11.45		.207302	343806	VV	0.0000	
31	11.57		.137015	347528	VV	0.0000	
32	11.86		.220541	1198083	VV	0.0000	
33	12.11		.167569	427004	VV	0.0000	
34	12.29		.165344	655677	VV	0.0000	
35	12.53		.151476	1292102	VV	0.0000	
36	12.93		.257599	3320100	VV	0.0000	
37	13.25		.201981	1882283	VV	0.0000	
38	13.69		.256411	705524	VV	0.0000	
39	14.03		.171180	883602	VV	0.0000	

IEA Pesticide Standard Report							
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	14.25		.150496	534606	VV	0.0000	
41	14.40		.194626	589706	VV	0.0000	
42	14.70		.157034	332124	VV	0.0000	
43	15.01		.189663	461888	VV	0.0000	
44	15.15		.222811	949950	VV	0.0000	
45	15.57		.119552	77286	VV	0.0000	
46	15.91		.304485	5041401	VV	0.0000	
47	16.36		.268114	3993728	VV	0.0000	
48	16.66		.133670	935886	VV	0.0000	
49	16.93		.240067	2052391	VV	0.0000	
50	17.29		.219485	1163401	VV	0.0000	
51	17.79		.215426	549583	PV	0.0000	
52	18.06		.211082	273877	VV	0.0000	
53	18.26		.115473	134513	VV	0.0000	
54	18.61		.134402	1205989	PV	0.0000	
55	18.95	18.90	.221006	1493717	VV	.2706	gamma-BHC (Lindane)
56	19.09		.105971	659431	VV	0.0000	
57	19.23		.167045	1158815	VV	0.0000	
58	19.45	19.47	.238163	1630144	VV	.5320	beta-BHC
59	19.84		.141039	2511815	VV	0.0000	
60	19.97		.155232	1357159	VV	0.0000	
61	20.50		.242697	1586450	VV	0.0000	
62	20.88		.110800	396240	PV	0.0000	
63	21.09		.146778	498690	VV	0.0000	
64	21.43	21.44	.147495	646882	VV	.1311	delta-BHC
65	21.65		.160038	943546	VV	0.0000	
66	22.03		.188937	1228035	VV	0.0000	
67	22.30		.131968	403942	VV	0.0000	
68	22.51		.148491	1823082	VV	0.0000	
69	22.87		.142202	931359	PV	0.0000	
70	23.04		.108714	489065	VV	0.0000	
71	23.25		.144087	507330	VV	0.0000	
72	23.46		.128086	649311	VV	0.0000	
73	23.67		.133310	471420	VV	0.0000	
74	23.84		.118743	522997	VV	0.0000	
75	24.09		.128007	815181	VV	0.0000	
76	24.34		.107860	566025	PV	0.0000	
77	24.51		.185264	1092987	VV	0.0000	
78	24.80	24.81	.117409	2304852	GV	.5683	Heptachlor epoxide
79	24.99		.132058	394997	VV	0.0000	
80	25.13		.094343	307326	VV	0.0000	
81	25.32		.087573	973769	VV	0.0000	
82	25.46	25.47	.091897	270610	VV	.0636	gamma-Chlordane
83	25.69		.111437	1556738	GV	0.0000	
84	25.86		.095667	658530	VV	0.0000	
85	26.05	26.00	.089072	511838	VV	.1439	Endosulfan-I
86	26.35		.168171	784676	GV	0.0000	
87	26.72	26.69	.211894	1449574	GV	.3846	4,4'-DDE
88	26.84		.149345	887052	GV	0.0000	
89	27.45		.787560	1159908	GV	0.0000	
90	30.41		.177996	742876	GV	0.0000	
91	30.71		.193396	1209443	GV	0.0000	
92	31.04		.361154	2960432	GV	0.0000	
93	31.77	31.74	.081412	43031	PV	.0365	Methoxychlor
94	31.91		.139078	191470	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	32.22	32.29	.113696	215958	VV	.0569	Endrin ketone
96	<u>32.53</u>		.125946	2082950	GV	0.0000	
97	<u>32.76</u>		.241328	4198436	GV	0.0000	
98	33.45		.097576	149009	VV	0.0000	
99	33.61		.187096	1392838	VV	0.0000	
100	34.11	<i>A1260</i>	.128428	34494	PV	0.0000	
101	34.66		.125377	92616	VV	0.0000	
102	34.94		.151156	750075	VV	0.0000	
103	<u>35.38</u>		.168061	2196962	VV	0.0000	
104	<u>35.96</u>		.213860	239770	VV	0.0000	
105	36.24		.236317	299866	VV	0.0000	
106	36.70		.352707	116612	VV	0.0000	
107	37.07		.375468	82516	PV	0.0000	
108	37.66		.037253	75024	VB	0.0000	
109	38.79		.231173	103014	BB	0.0000	
110	39.67		.096482	23522	BV	0.0000	
111	39.99	#39.91	.297965	918336	VV	.1890	Decachlorobiphenyl
112	40.49		.170854	479458	VV	0.0000	
113	40.72		.513028	1657524	VB	0.0000	
114	43.20		.236836	89595	PB	0.0000	
115	44.36		.271447	235468	PV	0.0000	
116	44.74		.259828	73056	VB	0.0000	
117	45.71		.277651	195373	BB	0.0000	

Total Area : 107539312 Total PPB : 2.377

Report Time : 2237 15Mar1993
 Method : /DATA/LOOP/METHOD/A1213_078.MT
 Result File : /DATA/LOOP/RESULT/A1213078.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36MSD	1424
---------	------

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0148007MSD

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: B5044033.D

% Moisture: 0 decanted: (Y/N) N

Date Received: 02/09/93

Extraction: (SepF/Cont/Sonc) ~~SONC~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 03/10/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

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

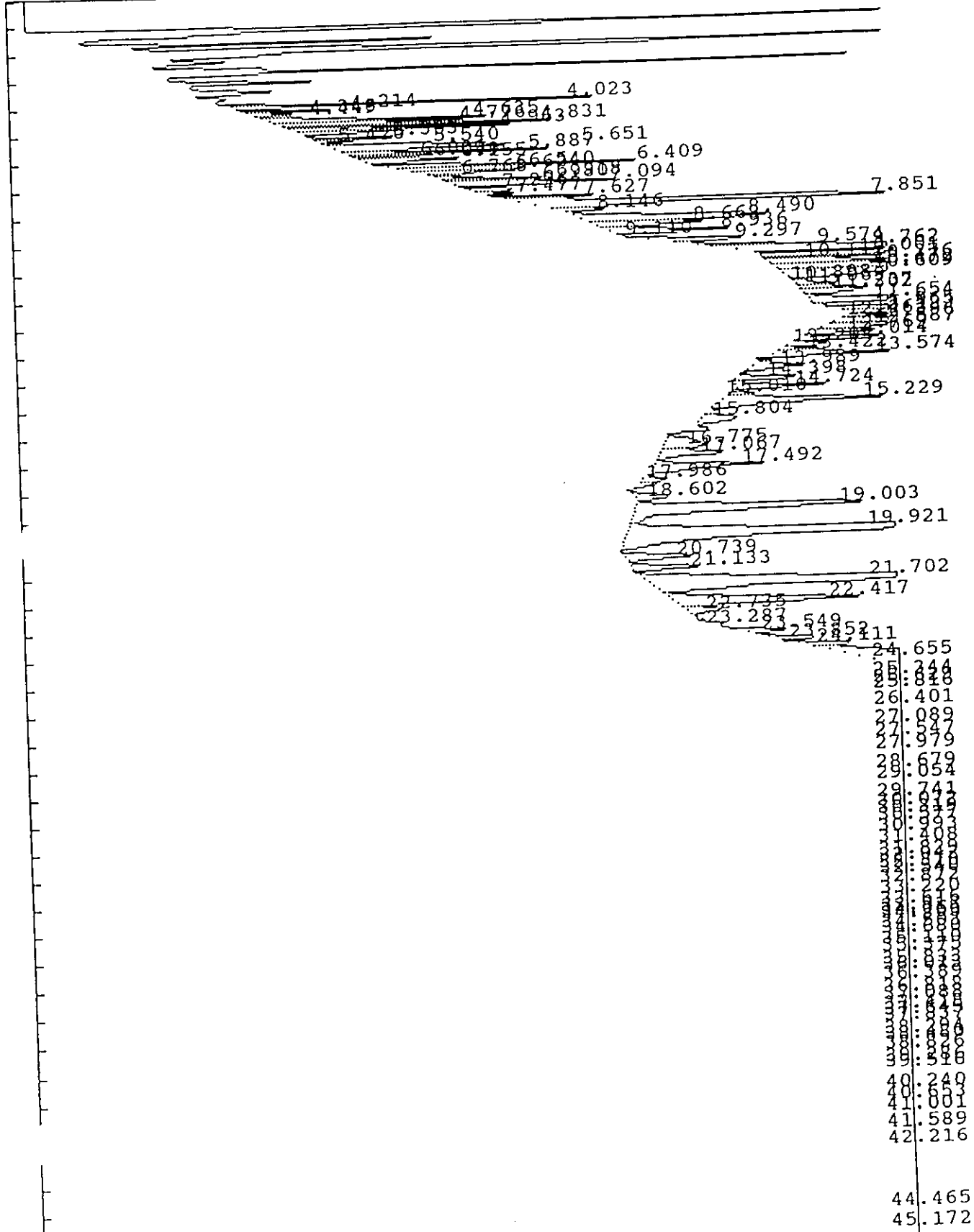
1000	990	U
	2000	U
	1000	990
	990	U
	990	U
	990	U
	15000	U

Ken
3/11/93

IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD
Result File : /DATA/LOOP/RESULT/B5044033.RES
Column Type : DB-1701 30-Meter,0.53mm ID

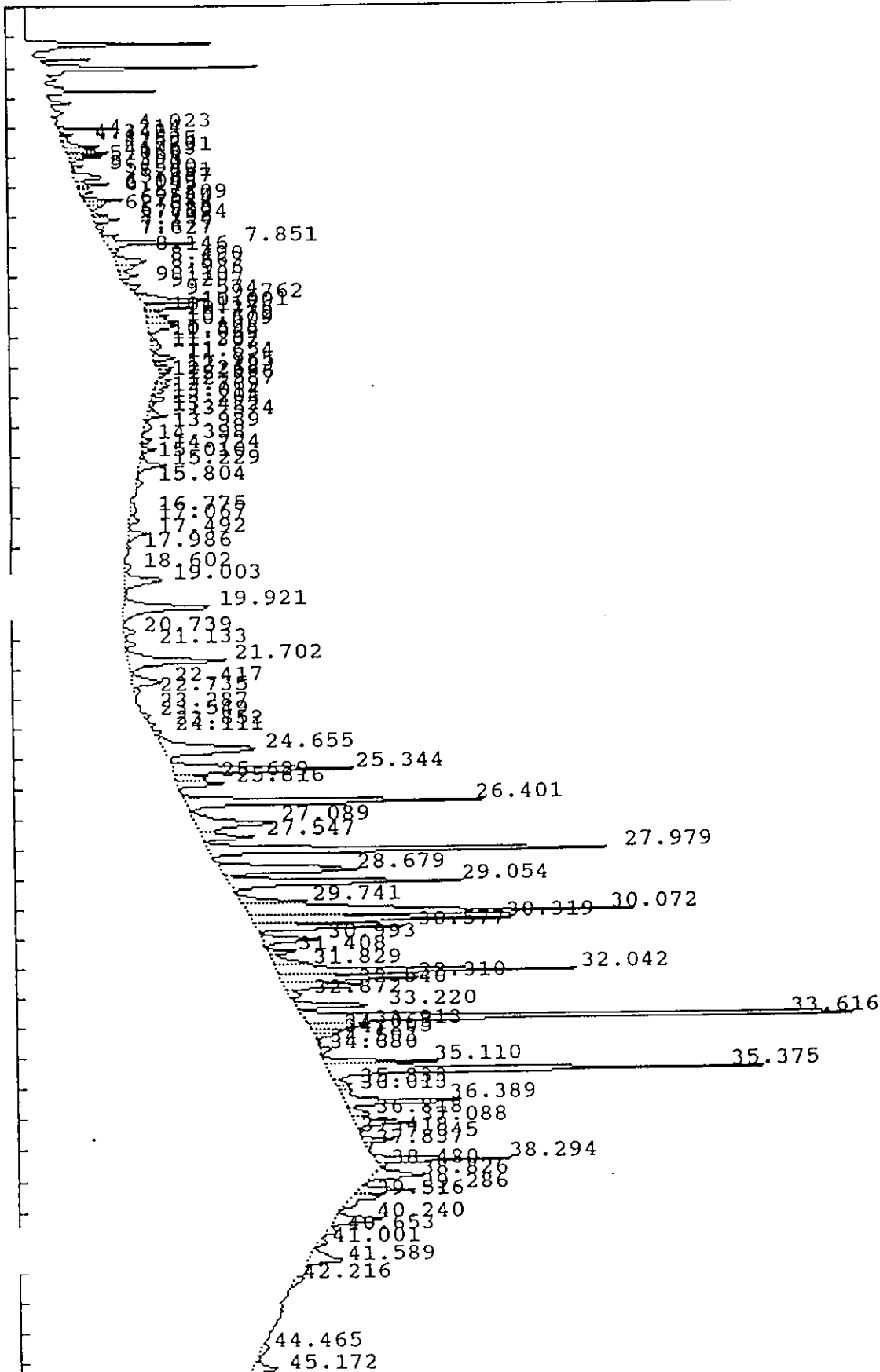
Inj on 0726 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD
Result File : /DATA/LOOP/RESULT/B5044033.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0726 10Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD Report No : 291.10
 Result File : /DATA/LOOP/RESULT/B5044033.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 0726 10Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 33 Bottle no. : 33

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.02		.040874	81904	PH	0.0000	
2	4.21		.051673	24864	BV	0.0000	
3	4.35		.079667	16227	VV	0.0000	
4	4.45		.059320	15700	VV	0.0000	
5	4.64		.088801	97076	VV	0.0000	
6	4.78		.077816	66301	VV	0.0000	
7	4.83		.058727	73056	VV	0.0000	
8	4.96		.070963	79606	VV	0.0000	
9	5.06		.061529	20381	VB	0.0000	
10	5.30		.081821	31925	BV	0.0000	
11	5.42		.046759	2991	PV	0.0000	
12	5.54		.057497	25199	VV	0.0000	
13	5.65		.114430	110768	VV	0.0000	
14	5.89		.076394	76750	VV	0.0000	
15	6.01		.056618	14713	VV	0.0000	
16	6.05		.051867	13056	VV	0.0000	
17	6.16		.106854	42386	VB	0.0000	
18	6.41		.103947	111979	BV	0.0000	
19	6.54		.078689	38700	VV	0.0000	
20	6.62		.088524	38672	VV	0.0000	
21	6.77		.075203	14760	VB	0.0000	
22	6.92		.067704	28527	BV	0.0000	
23	6.98		.054250	19380	VV	0.0000	
24	7.09		.102932	77000	VV	0.0000	
25	7.30		.101438	26234	PV	0.0000	
26	7.48		.055177	9836	VV	0.0000	
27	7.63		.070259	40527	PV	0.0000	
28	7.85		.102610	293588	VV	0.0000	
29	8.15		.073190	16051	VB	0.0000	
30	8.49		.224280	159214	BV	0.0000	
31	8.66		.123237	54376	VV	0.0000	
32	8.94		.134695	67526	VV	0.0000	
33	9.11		.054291	2238	VB	0.0000	
34	9.30		.117979	52492	BV	0.0000	
35	9.57		.096053	49789	VV	0.0000	
36	9.76		.096597	250529	VB	0.0000	
37	10.00		.109585	131549	BV	0.0000	
38	10.12		.062057	17597	VV	0.0000	
39	10.28		.135002	76863	VV	0.0000	

IEA Pesticide Standard Report							
PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
0	10.47		.142902	101772	VV	0.0000	
41	10.61		.158769	115654	VV	0.0000	
42	10.90		.064412	7224	VB	0.0000	
43	11.07	11.07	.105331	17639	BV	.0201	alpha-BHC
44	11.24		.119667	30145	VV	0.0000	
45	11.30		.117741	27696	VV	0.0000	
46	11.65		.165608	87661	VV	0.0000	
47	11.97		.106579	54085	PV	0.0000	
48	12.12		.087815	26427	VB	0.0000	
49	12.26		.065655	12204	BV	0.0000	
50	12.40		.144231	46887	VV	0.0000	
51	12.59		.122263	38734	VV	0.0000	
52	12.77	12.72	.118671	27513	VB	.0300	gamma-BHC (Lindane)
53	13.01		.096798	39487	BV	0.0000	
54	13.20		.097598	17278	PV	0.0000	
55	13.42		.091674	19066	VV	0.0000	
56	13.57		.108652	54028	VB	0.0000	
57	13.99		.155381	30308	VB	0.0000	
58	14.40		.122194	29145	BV	0.0000	
59	14.72		.123344	44619	PB	0.0000	
60	15.01		.104350	9795	BV	0.0000	
61	15.23	15.26	.189089	119881	VB	.1305	Aldrin
62	15.80		.251177	31586	VV	0.0000	
63	16.78		.319863	51552	BV	0.0000	
64	17.07		.166871	43829	VV	0.0000	
65	17.49		.192237	79971	VB	0.0000	
66	17.99		.142319	13271	BV	0.0000	
67	18.60		.210735	28044	PB	0.0000	
68	19.00	18.97	.255691	226239	BV	.3091	delta-BHC
69	19.92		.242428	515365	VB	0.0000	
70	20.74		.178884	46234	BV	0.0000	
71	21.13		.154471	42725	VB	0.0000	
72	21.70		.230426	535766	BV	0.0000	
73	22.42		.242605	168034	VV	0.0000	
74	22.74	22.71	.198940	27463	VV	.0318	Endosulfan I
75	23.29	23.34	.089023	3696	PV	.0031	gamma-Chlordane
76	23.55		.157729	28409	PV	0.0000	
77	23.85	23.79	.143098	28681	VB	.0229	alpha-Chlordane
78	24.11		.145218	31341	BV	0.0000	
79	24.65		.296496	644006	VB	0.0000	
80	25.34		.184500	786518	BV	0.0000	
81	25.63	25.64	.144674	111943	VV	.1251	Dieldrin
82	25.82		.147235	159187	VB	0.0000	
83	26.40		.165102	1179333	BV	0.0000	
84	27.09		.249927	483750	VV	0.0000	
85	27.55		.149831	194212	VV	0.0000	
86	27.98		.157332	1584288	VB	0.0000	
87	28.68		.241249	799645	BV	0.0000	
88	29.05		.168646	965174	VB	0.0000	
89	29.74		.156393	246755	BV	0.0000	
90	30.07	30.11	.195135	1854465	VV	2.4939	4,4'-DDD
91	30.32		.140192	894054	VV	0.0000	
92	30.58		.138746	507546	VB	0.0000	
93	30.99	31.05	.176687	239320	BB	.3392	4,4'-DDT
94	31.41		.115618	89539	BV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
5	31.83		.201238	190593	VV	0.0000	
96	32.04		.149657	1101242	VV	0.0000	
97	32.31		.142276	482731	VV	0.0000	
98	32.54	32.52	.154006	306790	VV	.5433	Endrin aldehyde
99	32.87		.163881	59009	VB	0.0000	
100	33.22		.135941	272167	BV	0.0000	
101	33.62		.143210	2245821	VV	0.0000	
102	33.91		.149434	204915	VV	0.0000	
103	34.06		.113389	93475	VV	0.0000	
104	34.21	34.19	.132937	70137	VB	.0961	Endosulfan sulfate
105	34.50	34.52	.075980	5895	BV	.0162	Methoxychlor
106	34.68		.167094	49832	PB	0.0000	
107	35.11		.128891	360825	BV	0.0000	
108	35.38		.152986	1632575	VV	0.0000	
109	35.83		.157757	58440	VV	0.0000	
110	36.01		.103064	36061	VV	0.0000	
111	36.39		.154942	485352	VV	0.0000	
112	36.82		.187360	94420	VV	0.0000	
113	37.09		.157890	247370	VV	0.0000	
114	37.42		.164782	12099	VB	0.0000	
115	37.64		.127417	103273	BV	0.0000	
116	37.84		.178912	28740	VV	0.0000	
117	38.29		.117836	406574	BV	0.0000	
118	38.48		.080806	15774	VB	0.0000	
119	38.83		.185458	231571	BV	0.0000	
120	39.29		.130208	177553	VV	0.0000	
1	39.52		.208125	149198	VB	0.0000	
22	40.24	#40.19	.175676	202473	BB	.1651	Decachlorobiphenyl
123	40.65		.140137	28692	BB	0.0000	
124	41.00		.143478	25761	BB	0.0000	
125	41.59		.233514	198792	BB	0.0000	
126	42.22		.230480	38009	VV	0.0000	
127	44.46		.239287	41486	VV	0.0000	
128	45.17		.211135	129849	VV	0.0000	

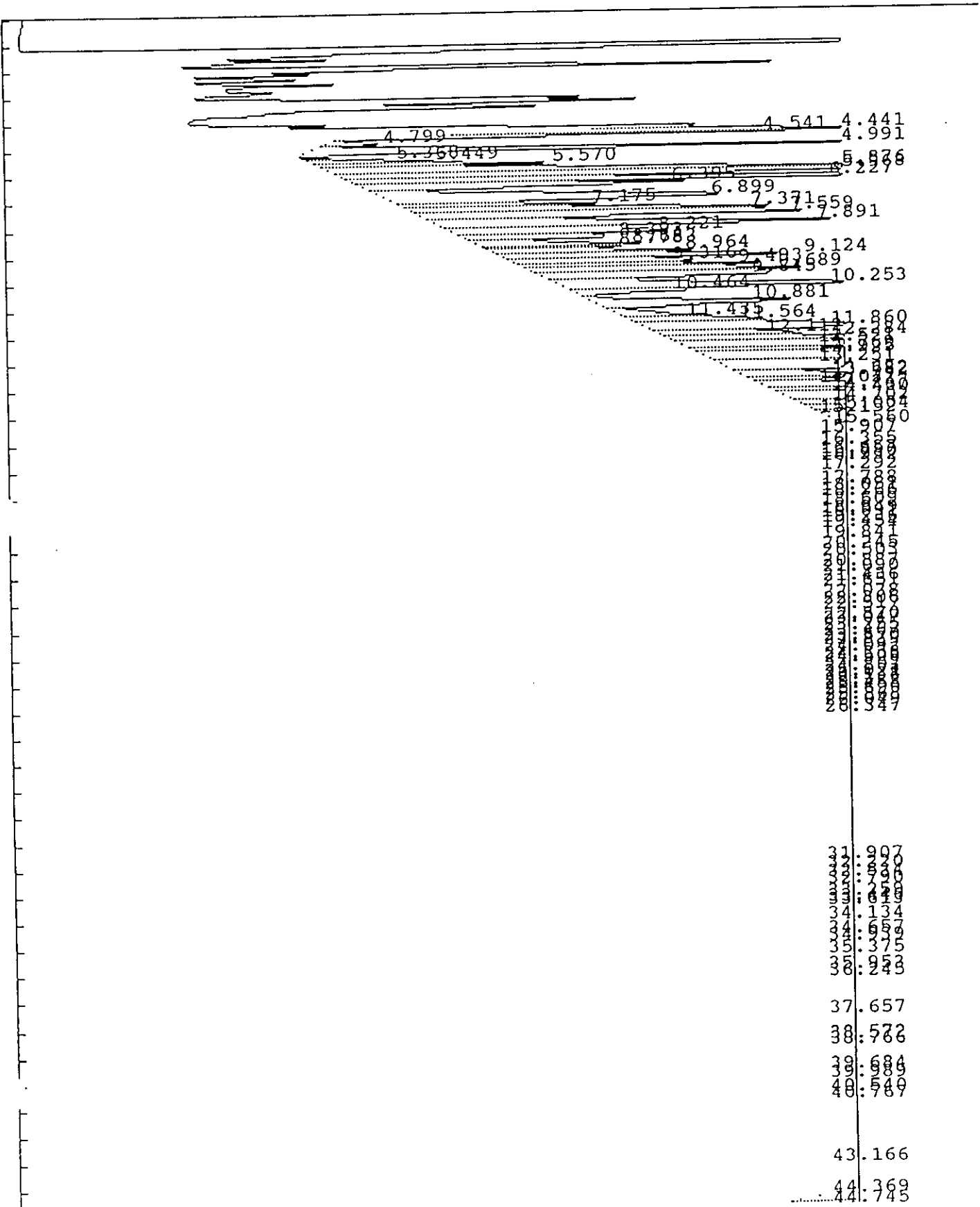
Area 126 0

Total Area : 25757012 Total PPB : 4.327

Report Time : 1834 15Mar1993
Method : /DATA/LOOP/METHOD/B5044_025.MT
Result File : /DATA/LOOP/RESULT/B5044033.RES

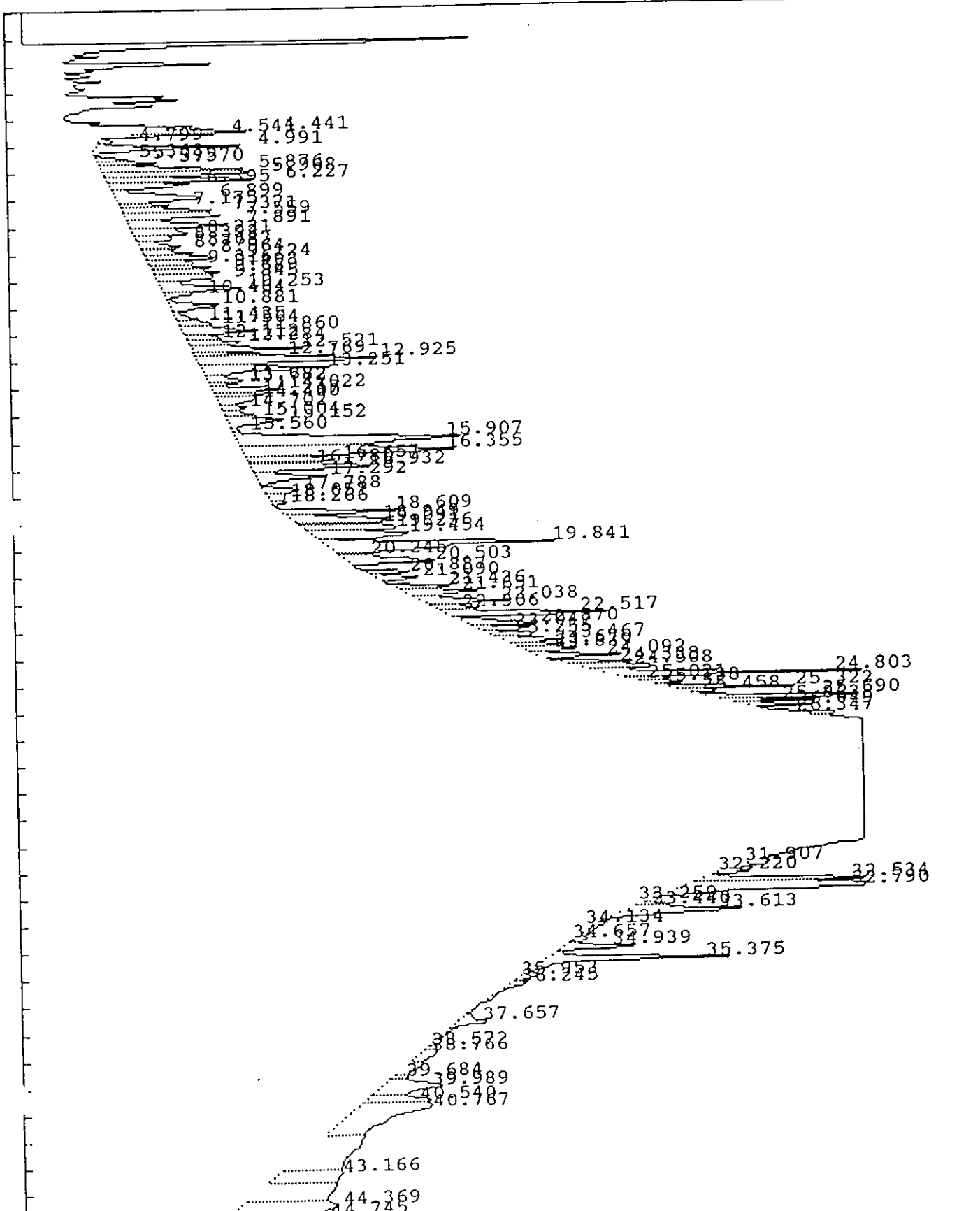
IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD Inj on 0229 14Mar1993
 Result File : /DATA/LOOP/RESULT/A1213079.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD Inj on 0229 14Mar1993
Result File : /DATA/LOOP/RESULT/A1213079.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSD MW-36MSD Report No :306.00
 Result File : /DATA/LOOP/RESULT/A1213079.RES
 Column Type : RTX-35 30 Meter,0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0229 14Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 79 Bottle no. : 79

% Dil-Fact
100.00

Run Status : EndOffBaseline
SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	4.44		.089507	599477	PV	0.0000	
2	4.54		.072246	417313	VV	0.0000	
3	4.80		.112168	106642	PV	0.0000	
4	4.99		.119709	1316909	VV	0.0000	
5	5.37		.064523	88355	PV	0.0000	
6	5.45		.076010	179459	VV	0.0000	
7	5.57		.128314	523309	VV	0.0000	
8	5.88		.166803	1718140	VV	0.0000	
9	5.97		.140951	1462222	VV	0.0000	
10	6.23		.135422	1534447	VV	0.0000	
11	6.39		.152917	935976	VV	0.0000	
12	6.90		.297879	1680917	VV	0.0000	
13	7.18		.127958	448899	VV	0.0000	
14	7.37		.174939	1049646	VV	0.0000	
15	7.56		.164944	1109861	VV	0.0000	
16	7.89		.232873	1574155	VV	0.0000	
17	8.22		.215883	802715	VV	0.0000	
18	8.39		.133378	371347	VV	0.0000	
19	8.68		.161287	459777	VV	0.0000	
20	8.78		.092004	227613	VV	0.0000	
21	8.96		.144310	500445	VV	0.0000	
22	9.12		.145302	762713	VV	0.0000	
23	9.32		.122471	426819	VV	0.0000	
24	9.49		.150513	631848	VV	0.0000	
25	9.69		.166457	775873	VV	0.0000	
26	9.84		.173723	749327	VV	0.0000	
27	10.25		.207591	1213698	VV	0.0000	
28	10.46		.123397	244660	VV	0.0000	
29	10.88		.209930	739995	VV	0.0000	
30	11.44		.203917	312066	VV	0.0000	
31	11.56		.122916	285586	VV	0.0000	
32	11.86		.212424	1143583	VV	0.0000	
33	12.11		.158506	360108	VV	0.0000	
34	12.28		.164104	626401	VV	0.0000	
35	12.52		.151927	1228103	VV	0.0000	
36	12.77		.102520	620884	VV	0.0000	
37	12.93		.216747	2672964	VV	0.0000	
38	13.25		.191503	1701981	VV	0.0000	
39	13.68		.175037	446186	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	13.78		.092836	189899	VV	0.0000	
41	14.02		.170383	849385	VV	0.0000	
42	14.25		.143853	494766	VV	0.0000	
43	14.40		.192585	546714	VV	0.0000	
44	14.70		.155115	282327	VV	0.0000	
45	15.00		.184779	412234	VV	0.0000	
46	15.15		.214192	876636	VV	0.0000	
47	15.56		.109346	54471	VV	0.0000	
48	15.91		.301869	4801906	VV	0.0000	
49	16.36		.269130	3921999	VV	0.0000	
50	16.66		.131938	877760	VV	0.0000	
51	16.78		.081741	410165	VV	0.0000	
52	16.93		.194639	1601830	VV	0.0000	
53	17.29		.217384	1102183	VV	0.0000	
54	17.79		.221822	548724	PV	0.0000	
55	18.05		.202588	246599	VV	0.0000	
56	18.27		.114356	125978	VV	0.0000	
57	18.61		.132589	1133556	PV	0.0000	
58	18.95	18.90	.219124	1422513	VV	.2577	gamma-BHC (Lindane)
59	19.09		.112650	679092	VV	0.0000	
60	19.24		.163119	1093758	VV	0.0000	
61	19.45	19.47	.237886	1601435	VV	.5226	beta-BHC
62	19.84		.216100	3721989	VV	0.0000	
63	20.25		.106778	245759	VV	0.0000	
64	20.50		.207726	1315332	VV	0.0000	
65	20.89		.113728	409874	PV	0.0000	
66	21.09		.140265	481213	VV	0.0000	
67	21.44	21.44	.143329	624425	PV	.1266	delta-BHC
68	21.65		.166413	964268	VV	0.0000	
69	22.04		.185741	1217861	VV	0.0000	
70	22.31		.136207	426687	VV	0.0000	
71	22.52		.146547	1798261	VV	0.0000	
72	22.87		.143104	924594	PV	0.0000	
73	23.05		.107210	501186	VV	0.0000	
74	23.26		.150612	528649	VV	0.0000	
75	23.47		.128468	677004	VV	0.0000	
76	23.67		.151930	583904	VV	0.0000	
77	23.84		.101318	463285	VV	0.0000	
78	24.09		.127500	840052	VV	0.0000	
79	24.34		.110123	601619	PV	0.0000	
80	24.51		.172886	1019251	VV	0.0000	
81	24.80	24.81	.130403	2339834	GV	.5770	<u>Heptachlor epoxide</u>
82	25.02		.124227	324446	VV	0.0000	
83	25.14		.098441	290149	VV	0.0000	
84	25.32		.086489	969323	GV	0.0000	
85	25.46	25.47	.086140	246323	VV	.0579	gamma-Chlordane
86	25.69		.122527	1414550	GV	0.0000	
87	25.86		.093268	625307	GV	0.0000	
88	26.05	26.00	.090732	503266	GV	.1415	Endosulfan I
89	26.35		.119755	440390	GV	0.0000	
90	31.91		.123114	145254	VV	0.0000	
91	32.22		.114956	190368	VV	0.0000	
92	32.53		.161447	1923081	GV	0.0000	
93	<u>32.79</u>		.270903	3540351	GV	0.0000	
94	33.26		.099237	29626	PV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	33.44		.108325	211024	VV	0.0000	
96	33.61		.197602	1605633	VV	0.0000	
97	34.13		.331066	158258	PV	0.0000	
98	34.66		.163084	124190	VV	0.0000	
99	34.94		.143845	739113	VV	0.0000	
100	35.38		.165864	2126044	VV	0.0000	
101	35.95		.177398	177783	VV	0.0000	
102	36.24		.185176	182916	VV	0.0000	
103	37.66		.254254	550896	PV	0.0000	
104	38.57		.139467	72748	VV	0.0000	
105	38.77		.426789	403306	VV	0.0000	
106	39.68		.085275	83561	VV	0.0000	
107	39.99	#39.91	.381644	1550156	VV	.3190	Decachlorobiphenyl
108	40.54		.235754	1032047	VV	0.0000	
109	40.77		.787611	3957744	VV	0.0000	
110	43.17		.466490	1950702	VV	0.0000	
111	44.37		.483567	3145054	VV	0.0000	
112	44.75		.807007	5132056	VV	0.0000	
113	45.69		.755393	6129444	VB	0.0000	

Total Area : 114984576 Total PPB : 2.002

Report Time : 0317 14Mar1993
Method : /DATA/LOOP/METHOD/A1213.MTH
Result File : /DATA/LOOP/RESULT/A1213079.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36MSB 1435

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0148007MSB

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: B5044021.D

% Moisture: 0 decanted: (Y/N) N

Date Received: / /

Extraction: (SepF/Cont/Sonc) ~~SONC~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 03/09/93

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

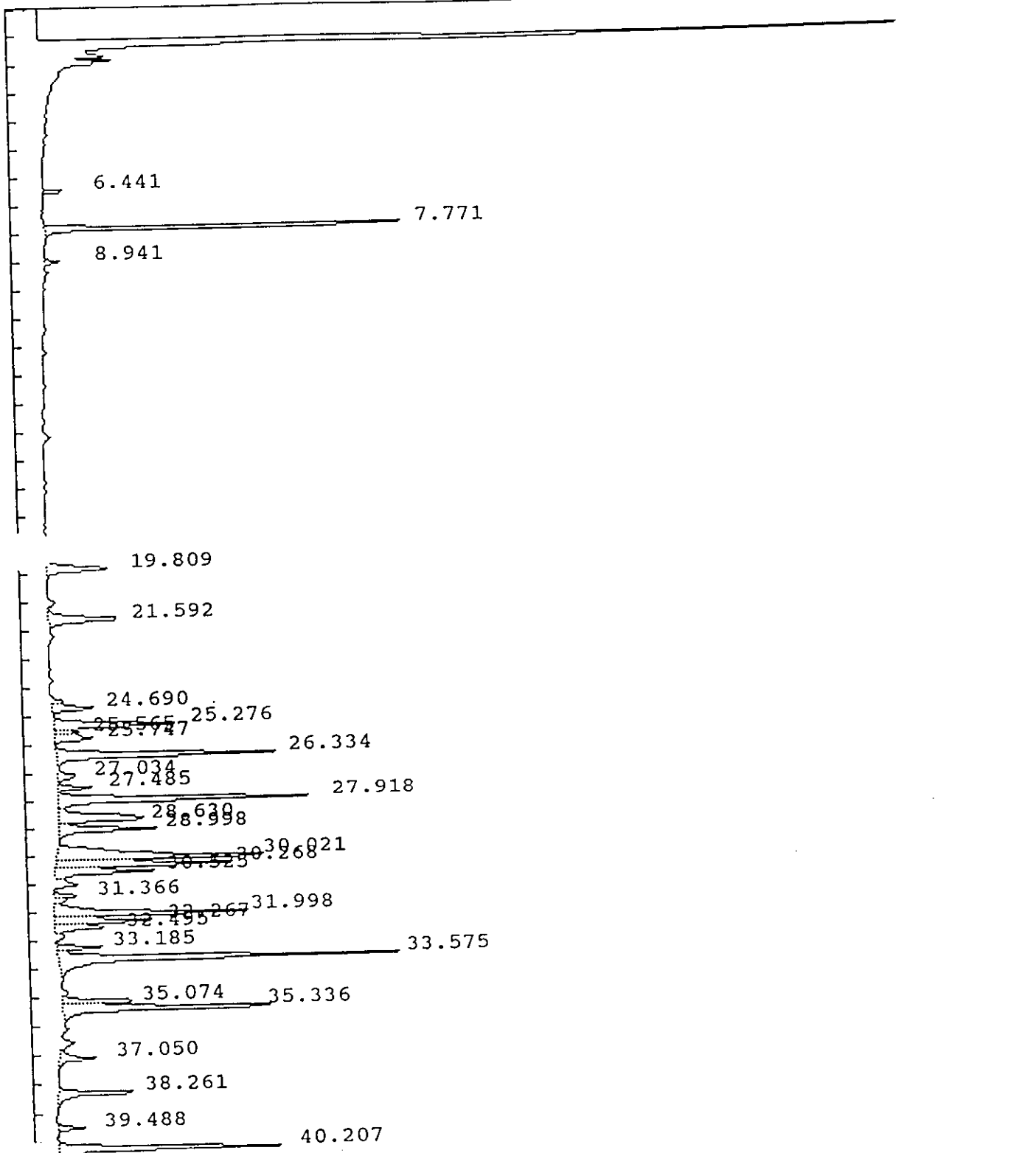
12674-11-2-----Aroclor-1016	1000 990	U
11104-28-2-----Aroclor-1221	2000	U
11141-16-5-----Aroclor-1232	1000 990	U
53469-21-9-----Aroclor-1242	990	U
12672-29-6-----Aroclor-1248	990	U
11097-69-1-----Aroclor-1254	990	U
11096-82-5-----Aroclor-1260	1700	U

VMS
3/17/93

IEA Pesticide Standard Report

Sample Name : 0148007MSB MW-36MSB
 Result File : /DATA/LOOP/RESULT/B5044021.RES
 Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1936 09Mar1993
 INSTRUMENT: HP58905B
 Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSB MW-36MSB Report No : 279.00
 Result File : /DATA/LOOP/RESULT/B5044021.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 1936 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 21 Bottle no. : 21

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.44		.069331	9353	BB	0.0000	
2	7.77	7.76	.080918	183444	BB	.1483	Tetrachloro-m-xylene
3	8.94		.094624	5838	BB	0.0000	
4	19.81		.207057	49326	BB	0.0000	
5	21.59		.218389	60642	BB	0.0000	
6	24.69		.170429	27943	VB	0.0000	
7	25.28		.181208	84808	BV	0.0000	
8	25.57		.148491	14623	VV	0.0000	
9	25.75		.161747	24042	VV	0.0000	
10	26.33		.170096	147016	PB	0.0000	
11	27.03	27.00	.202438	13810	BV	.0162	Endrin
12	27.49		.142886	19653	PV	0.0000	
13	27.92		.164256	166243	VV	0.0000	
14	28.63		.256674	90467	VV	0.0000	
15	29.00		.168220	64472	VB	0.0000	
16	30.02		.227411	201016	BV	0.0000	
17	30.27		.149884	105820	VV	0.0000	
18	30.52		.163611	64197	VV	0.0000	
19	31.37		.130466	13683	PV	0.0000	
20	<u>32.00</u>		.171812	135280	VV	0.0000	
21	32.27		.151124	60372	VV	0.0000	
22	32.50	32.52	.158916	32965	VV	.0584	Endrin aldehyde
23	33.19		.135008	25281	PV	0.0000	
24	<u>33.58</u>	AKU O	.164737	226649	VB	0.0000	
25	35.07		.128839	41438	VV	0.0000	
26	<u>35.34</u>		.164038	152959	VV	0.0000	
27	37.05		.166455	25488	VB	0.0000	
28	38.26		.147761	51477	BB	0.0000	
29	39.49		.137293	14518	BB	0.0000	
30	40.21	#40.19	.164027	149426	BB	.1219	Decachlorobiphenyl

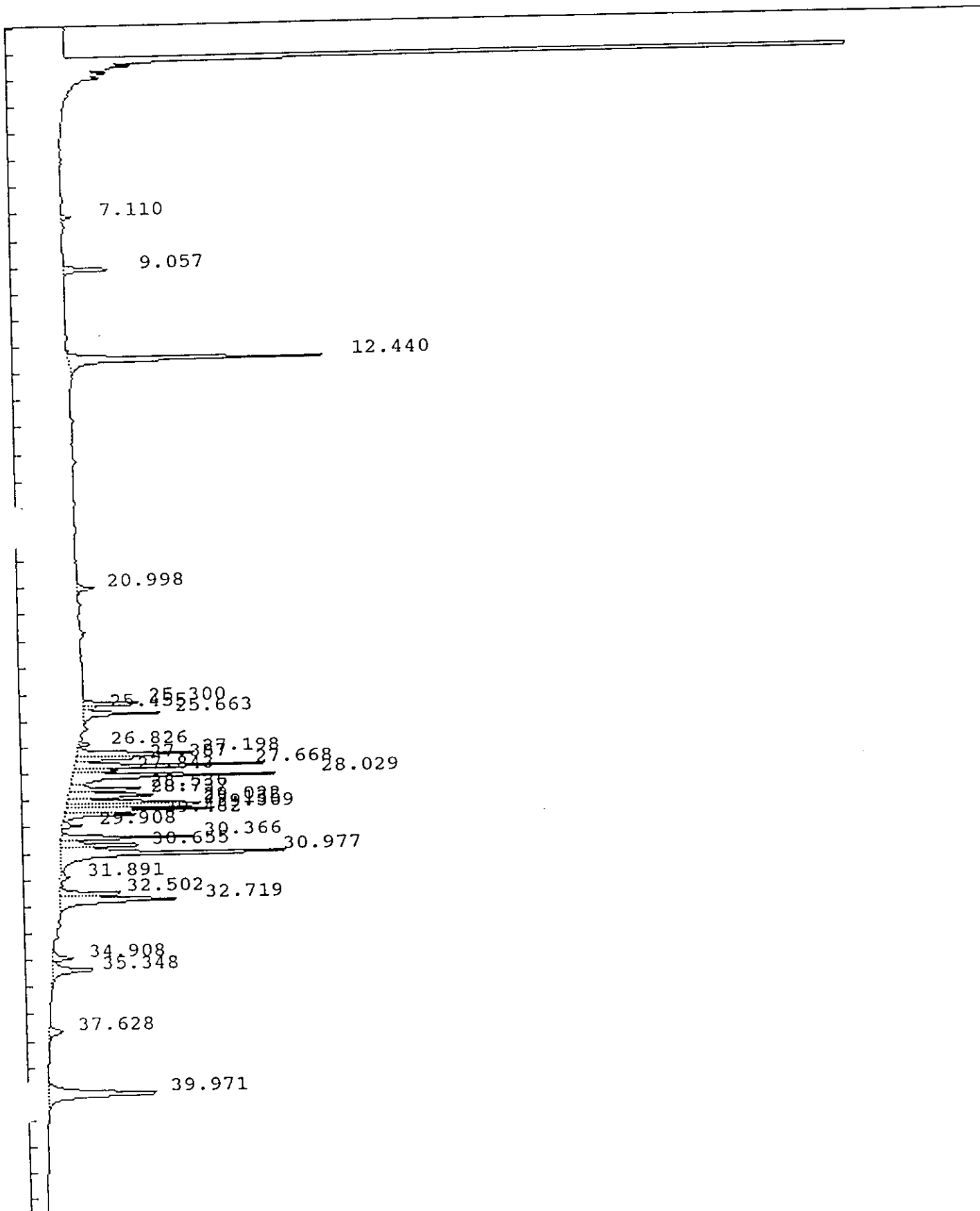
abs/16

Total Area : 2262250 Total PPB : .345

Report Time : 2023 09Mar1993
 Method : /DATA/LOOP/METHOD/B5044.MTH
 Result File : /DATA/LOOP/RESULT/B5044021.RES

IEA Pesticide Standard Report

Sample Name : 0148007MSB MW-36MSB Inj on 0403 13Mar1993
 Result File : /DATA/LOOP/RESULT/A1213054.RES INSTRUMENT: HP58901A
 Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007MSB MW-36MSB
 Result File : /DATA/LOOP/RESULT/A1213054.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0403 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 54 Bottle no. : 54

Report No : 281.00
 Inj. Vol. : 1 ul

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.11		.111696	26751	BB	0.0000	
2	9.06		.130002	141330	BB	0.0000	
3	12.44	12.40	.142007	810258	BB	.1663	Tetrachloro-m-xylene
4	21.00		.144696	61067	BB	0.0000	
5	25.30		.098584	158116	PV	0.0000	
6	25.46	25.47	.088224	26493	VV	.0062	gamma-Chlordane
7	25.66		.119611	211058	VV	0.0000	
8	26.83		.094840	28959	VV	0.0000	
9	27.20		.146344	389650	VV	0.0000	
10	27.39		.112162	135688	VV	0.0000	
11	<u>27.67</u>		.102740	488014	VV	0.0000	
12	27.84	27.89	.090706	90365	VV	.0308	Endrin
13	28.03		.125390	633035	VV	0.0000	
14	28.54		.102820	209543	VV	0.0000	
15	28.74		.155130	296932	VV	0.0000	
16	29.02	29.07	.104791	276363	VV	.1018	4,4'-DDT
17	<u>29.13</u>		.099771	365918	VV	0.0000	
18	29.31	29.24	.100415	345073	VV	.1100	Endrin aldehyde
19	29.48		.113317	200948	VV	0.0000	
20	29.91	<i>A12160</i>	.107391	49725	VV	0.0000	<i>(A12160)</i>
21	30.37		.110919	334828	PV	0.0000	
22	30.66		.136957	269026	VV	0.0000	
23	<u>30.98</u>		.164530	906377	VV	0.0000	
24	31.89		.173491	35793	VV	0.0000	
25	32.50		.142159	209076	VV	0.0000	
26	32.72		.185013	483899	VV	0.0000	
27	34.91		.177515	74746	BV	0.0000	
28	35.35		.215671	203578	VB	0.0000	
29	37.63		.209976	59224	BB	0.0000	
30	39.97	#39.91	.256737	598924	BB	.1233	Decachlorobiphenyl

Total Area : 8120758 Total PPB : .538

Report Time : 0450 13Mar1993
 Method : /DATA/LOOP/METHOD/A1213.MTH
 Result File : /DATA/LOOP/RESULT/A1213054.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW36STD
1440

Lab Name: IEA/CT

Contract:

Lab Code: IEACT

Case No.: 0148

SAS No.:

SDG No.: Z0148

Matrix: (soil/water) ~~SOIL~~ OIL

Lab Sample ID: 0148007STD

Sample wt/vol: 1.0 (g/mL) G

09/3/16

Lab File ID: B5044022.D

% Moisture: 0

decanted: (Y/N) N

Date Received: / /

Extraction: (SepF/Cont/Sonc) ~~SONE~~

Date Extracted: 02/11/93

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 03/09/93

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

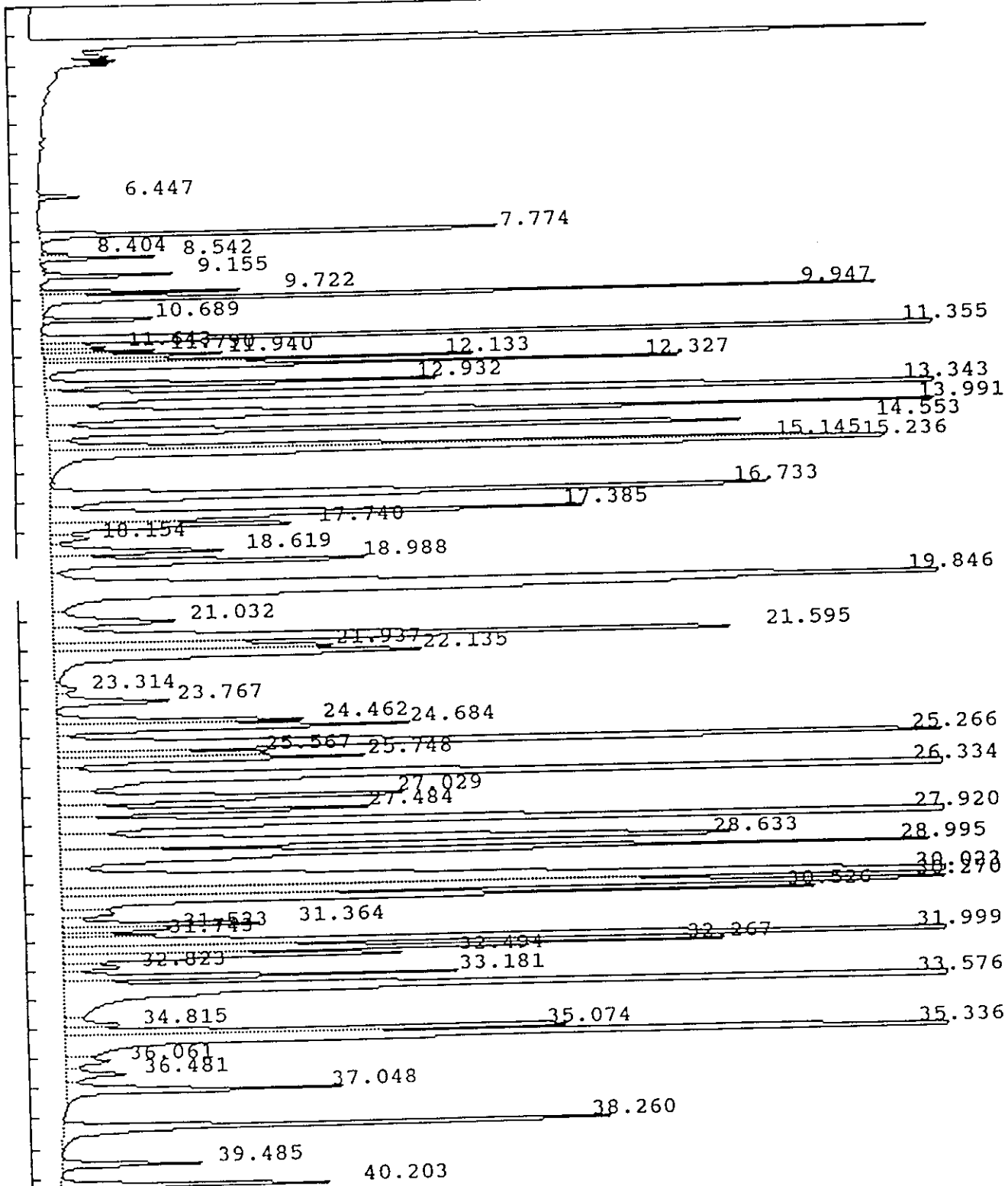
12674-11-2-----	Aroclor-1016	1000 990	U
11104-28-2-----	Aroclor-1221	2000	U
11141-16-5-----	Aroclor-1232	1000 990	U
53469-21-9-----	Aroclor-1242	12000	U
12672-29-6-----	Aroclor-1248	1000 990	U
11097-69-1-----	Aroclor-1254	1000 990	U
11096-82-5-----	Aroclor-1260	12000	U

VAM
3/17/93

IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD
 Result File : /DATA/LOOP/RESULT/B5044022.RES
 Column Type : DB-1701 30-Meter, 0.53mm ID

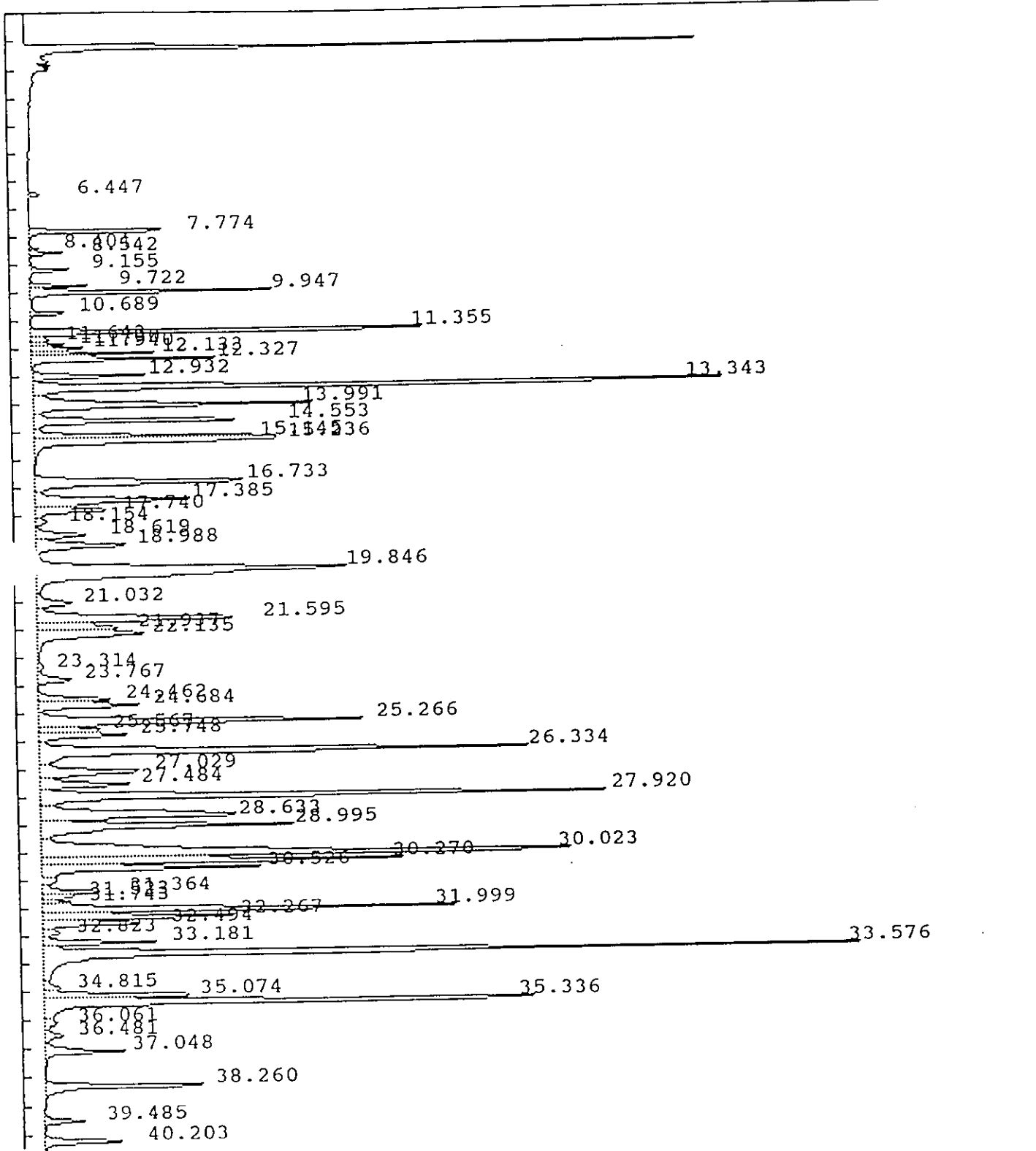
Inj on 2029 09Mar1993
 INSTRUMENT: HP58905B
 Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD
Result File : /DATA/LOOP/RESULT/B5044022.RES
Column Type : DB-1701 30-Meter,0.53mm ID

Inj on 2029 09Mar1993
INSTRUMENT: HP58905B
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD Report No : 280.00
 Result File : /DATA/LOOP/RESULT/B5044022.RES Inj. Vol. : 1 ul
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58905B
 Calculation : ExternalSTD
 Run Time : 46.50 Mins. Injected on 2029 09Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/B5044.SEQ
 Subseq/Sample : 1/ 22 Bottle no. : 22

% Dil-Fact
 100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.45		.087712	18452	BB	0.0000	
2	7.77	7.76	.082155	236009	BB	.1907	Tetrachloro-m-xylene
3	8.40		.072774	8649	BV	0.0000	
4	8.54		.090655	45492	VB	0.0000	
5	9.16		.088314	53953	PV	0.0000	
6	9.72		.085206	74684	BV	0.0000	
7	9.95		.095488	367864	VB	0.0000	
8	10.69		.087270	53255	BB	0.0000	
9	11.35		.097918	692187	BV	0.0000	
10	11.64		.113669	28790	VV	0.0000	
11	11.79		.093353	43427	VV	0.0000	
12	11.94		.108809	84592	VV	0.0000	
13	12.13		.098053	179136	VV	0.0000	
14	12.33	<i>AK1242</i>	.108956	283471	VV	0.0000	
15	12.93		.123032	197472	VV	0.0000	
16	13.34		.129848	1364738	VV	0.0000	
17	13.99		.166466	628842	VV	0.0000	
18	14.55		.137562	432433	VV	0.0000	
19	15.15		.136505	427778	VV	0.0000	
20	15.24	15.26	.168330	519281	VB	.5654	Aldrin
21	16.73		.205442	594135	BV	0.0000	
22	17.39		.199198	409045	VV	0.0000	
23	17.74		.186697	182114	VV	0.0000	
24	18.15		.197134	28710	VV	0.0000	
25	18.62		.186301	123287	VV	0.0000	
26	18.99	18.97	.199251	246933	VV	.3374	delta-BHC
27	19.85		.327133	1326193	VV	0.0000	
28	21.03		.232715	107043	VV	0.0000	
29	21.59		.220743	591904	VV	0.0000	
30	21.94		.199010	205076	VV	0.0000	
31	22.13		.253860	348215	VV	0.0000	
32	23.31	23.34	.216765	17339	VV	.0147	gamma-Chlordane
33	23.77	23.79	.198834	88153	VV	.0704	alpha-Chlordane
34	24.46		.172517	161543	VV	0.0000	
35	24.68		.184375	244050	VV	0.0000	
36	25.27		.188158	792446	VV	0.0000	
37	25.57		.151729	125052	VV	0.0000	
38	25.75		.174255	202606	VV	0.0000	
39	26.33		.181888	1171285	VV	0.0000	
40	27.03	27.00	.211228	299519	VV	.3519	Endrin

CS3/16

IEA Pesticide Standard Report

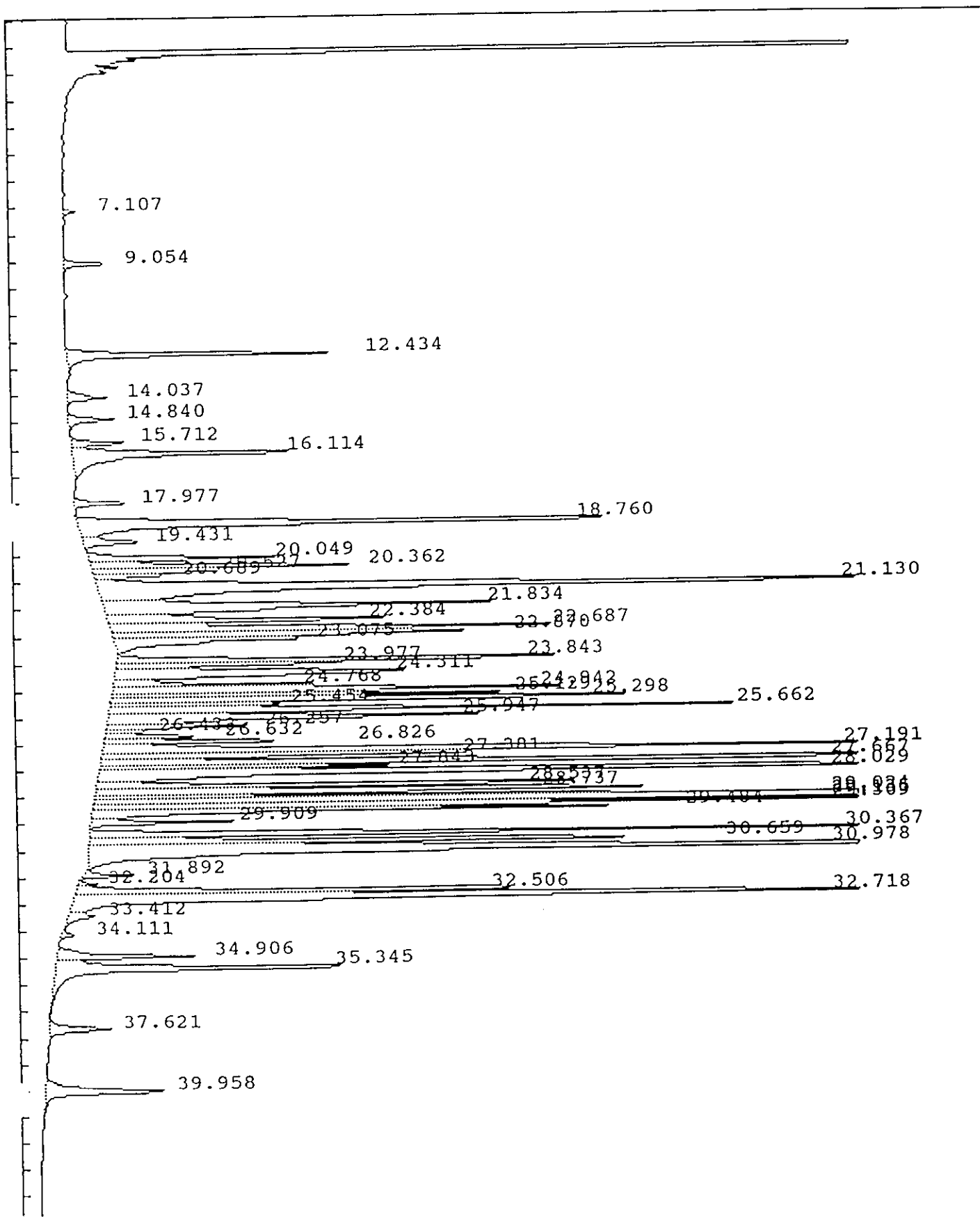
K#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	27.48		.175897	212520	VV	0.0000	
42	27.92		.166725	1259718	VV	0.0000	
43	28.63		.245537	686136	VV	0.0000	
44	28.99		.199125	662417	VV	0.0000	
45	30.02		.222033	1703416	VV	0.0000	
46	30.27		.144871	703873	VV	0.0000	
47	30.53		.160414	467096	VV	0.0000	
48	31.36		.151678	125163	VV	0.0000	
49	31.52		.124670	51897	VV	0.0000	
50	31.74		.125429	46971	VV	0.0000	
51	32.00		.145574	821295	VV	0.0000	
52	32.27		.144336	382186	VV	0.0000	
53	32.49	32.52	.147459	211350	VV	.3743	Endrin aldehyde
54	32.82		.183718	41305	VV	0.0000	<u>0.93/16</u>
55	33.18		.139166	212875	VV	0.0000	
56	33.58		.154523	1703361	VV	0.0000	
57	34.82		.175289	40270	VV	0.0000	
58	35.07		.133090	303724	VV	0.0000	
59	35.34		.161854	1193227	VV	0.0000	
60	36.06		.206445	35465	VV	0.0000	
61	36.48		.199697	48736	VV	0.0000	
62	37.05		.157734	177252	VB	0.0000	
63	38.26		.140454	352528	BB	0.0000	
64	39.48		.140308	77606	BB	0.0000	
65	40.20	#40.19	.156110	169782	BB	.1385	Decachlorobiphenyl

Total Area : 24695328 Total PPB : 2.043

Report Time : 2116 09Mar1993
Method : /DATA/LOOP/METHOD/B5044.MTH
Result File : /DATA/LOOP/RESULT/B5044022.RES

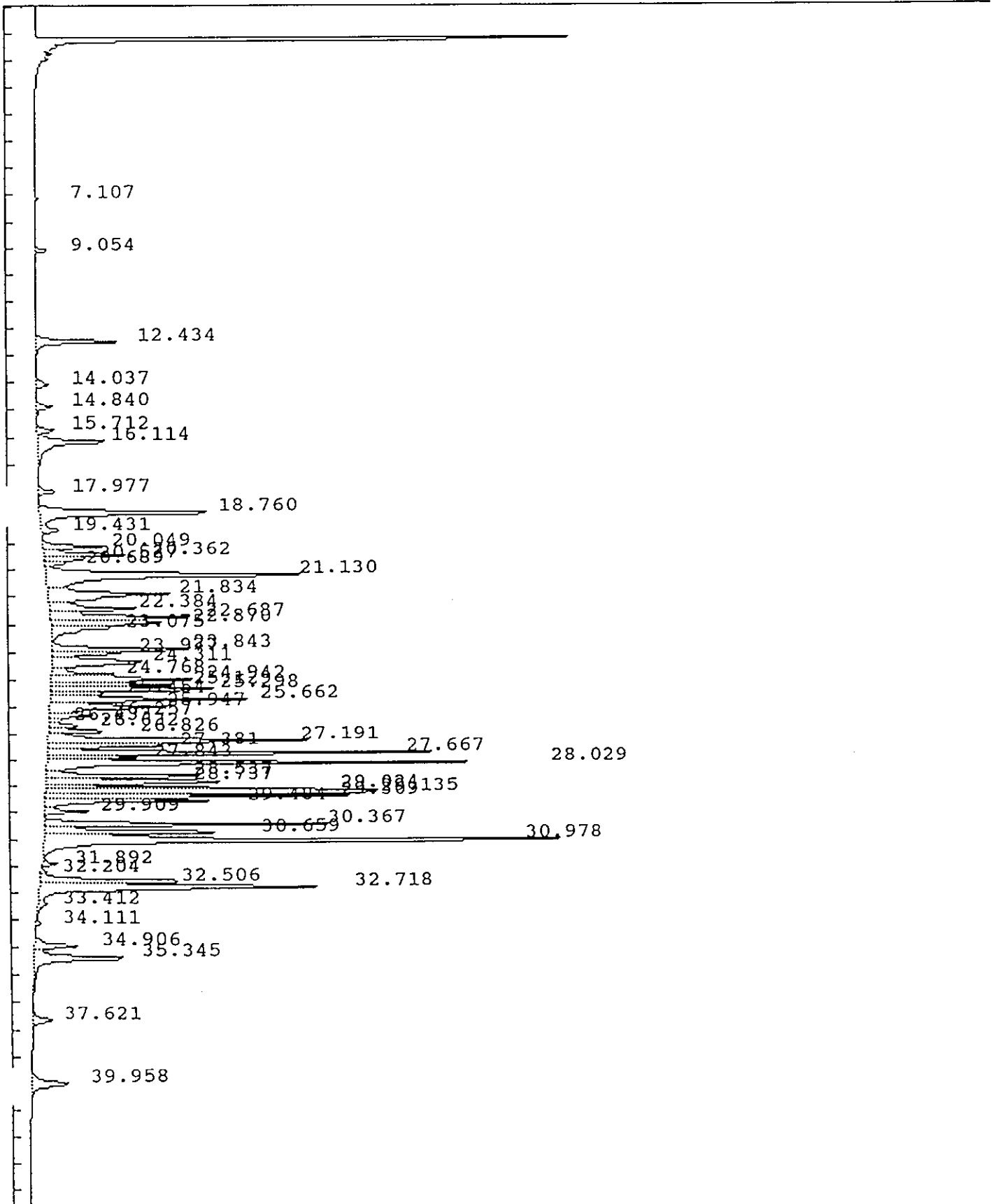
IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD Inj on 0457 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213055.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD Inj on 0457 13Mar1993
Result File : /DATA/LOOP/RESULT/A1213055.RES INSTRUMENT: HP58901A
Column Type : RTX-35 30-Meter,0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 0148007STD MW-36STD Report No : 282.10
 Result File : /DATA/LOOP/RESULT/A1213055.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58901A
 Calculation : ExternalSTD
 Run Time : 46.25 Mins. Injected on 0457 13Mar1993
 Sequence File : /DATA/LOOP/SEQUENCE/A1213.SEQ
 Subseq/Sample : 1/ 55 Bottle no. : 55

% Dil-Fact
100.00

Run Status : RunStatusOK

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	7.11		.109544	30466	BB	0.0000	
2	9.05		.129846	128091	BB	0.0000	
3	12.43	12.40	.139754	841038	BV	.1726	Tetrachloro-m-xylene
4	14.04		.180845	153865	BB	0.0000	
5	14.84		.178402	180768	BB	0.0000	
6	15.71		.143511	171057	BV	0.0000	
7	16.11		.221219	1092502	VV	0.0000	
8	17.98		.139410	167287	BV	0.0000	
9	18.76		.194541	2329356	BV	0.0000	
10	19.43	19.47	.200524	240789	VB	.0786	beta-BHE
11	20.05		.151147	593868	BV	0.0000	
12	20.36		.142302	809831	VV	0.0000	
13	20.53		.125841	336961	VV	0.0000	
14	20.69	<i>A1212</i>	.136747	203984	VV	0.0000	
15	<u>21.13</u>	21.16	.227041	3831898	VV	.9138	Heptachlor
16	<u>21.83</u>		.227927	1856096	VV	0.0000	
17	22.38		.166952	1053286	VV	0.0000	
18	22.69	22.68	.155079	1434234	VV	.3038	Aldrin
19	22.87		.156031	1260477	VV	0.0000	
20	23.07		.173246	693769	VB	0.0000	
21	23.84		.118679	1284963	BV	0.0000	
22	23.98		.108183	540205	VV	0.0000	
23	24.31		.204504	1472007	VV	0.0000	
24	24.77	24.81	.120148	586884	VV	.1447	Heptachlor epoxide
25	24.94		.147509	1396728	VV	0.0000	
26	25.13		.115946	978736	VV	0.0000	
27	25.30		.111049	1466029	VV	0.0000	
28	25.45	25.47	.089856	330796	VV	.0777	gamma-Chlordane
29	25.66		.125118	1755745	VV	0.0000	
30	25.95	25.96	.166865	1396376	VV	.3115	alpha-Chlordane
31	26.26		.127652	394622	VV	0.0000	
32	26.43		.106125	92555	VV	0.0000	
33	26.63	26.69	.115286	260485	VV	.0691	4,4'-DDE
34	26.83		.105186	512149	VV	0.0000	
35	27.19		.167990	2949744	VV	0.0000	
36	27.38		.112780	850092	VV	0.0000	
37	<u>27.67</u>		.112194	3260345	VV	0.0000	
38	27.84	27.89	.089513	576161	VV	.1962	Endrin
39	28.03		.116616	3849510	VV	0.0000	
40	28.54		.095859	1340123	VV	0.0000	

097/16

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	28.74		.151610	1955023	VV	0.0000	
42	29.02	29.07	.100885	1903460	VV	.7010	4,4'-DDT
43	<u>29.13</u>	<i>W 126</i>	.102420	2939158	VV	0.0000	
44	29.31	<i>29.24</i>	.101412	2210975	VV	.7046	Endrin aldehyde
45	29.48		.117313	1469186	VV	0.0000	
46	29.91		.109951	365004	VB	0.0000	
47	30.37		.112197	2234155	BV	0.0000	<i>0.873/16</i>
48	30.66		.134515	1749294	VV	0.0000	
49	<u>30.98</u>		.149741	5962031	VB	0.0000	
50	<u>31.89</u>		.110456	124300	BB	0.0000	
51	32.20		.098058	41953	BV	0.0000	
52	32.51		.143200	1496770	VV	0.0000	
53	32.72		.177897	3446629	VV	0.0000	
54	33.41		.206719	117848	VB	0.0000	
55	34.11		.131051	36169	BB	0.0000	
56	34.91		.174226	512962	BV	0.0000	
57	35.34		.214533	1396668	VB	0.0000	
58	37.62		.209909	276100	BB	0.0000	
59	39.96	#39.91	.252337	621542	BB	.1279	Decachlorobiphenyl

Total Area : 71563104 Total PPB : 3.802

Report Time : 2214 15Mar1993
Method : /DATA/LOOP/METHOD/A1213_055.MT
Result File : /DATA/LOOP/RESULT/A1213055.RES

Page # _____
 Extraction Date 7/11/05
 Finish Date 7/11/05
 Surrogate Code ESLOR P041
 Spike Code ESLOR P041
 Reviewed By [Signature]

ORGANIC EXTRACTION LOG
 AQUEOUS/SOLID MATRIX

Reagent H2O Lot _____
 Acetone Lot _____
 H2SO4 Lot _____
 HNO3 Lot _____

Alumina Lot _____
 Florisil Lot _____

MeCl2 Lot _____
 Hexane Lot BD 415

IEA
 200 MONROE TURNPIKE
 , CT 06468 (203) 452-8200

Client PLS v. Oil
 Billing M5/M50

Client	Lab ID	Sign out DOC	CL2 res	Init pH H2O	Init Wt/Vol	Sample Color & Texture	Surr Init	Spike Init	Ext Method	Ext By	C/U	Int Conc	Vf	Color of Ext	Conc/Scored By	pH	X Solids Data			Location			Surr Scrn	Comments	
																	Tare	Wt	wt	Fzr	Tray	Slot			
BGL	0111405	NA	NA	NA	1.0	CL	SB	NA	B1	SB	NA	NA	100	CL	SB										
	01457155						SB	SB																	
	01457340					AK & G1		NA						NA											
	0145007	SB						SB																	
PLS	02913																								
	02914																								

ORGANIC EXTRACTION LOG
AQUEOUS/SOLID MATRIX

IEA
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CT 06468 (203) 452-8200

client
SAIL PCB 390
TAM-SUMNER MATRIK

Me12 Lot BE223
Hexane Lot BD415

Alumina Lot F1Z50
Florisil Lot F1Z50

Reagent H2O Lot 99973023
Acetone Lot 3024K3P10
H2SO4 Lot
HNO3 Lot

Extraction Date 02/11/93
Finish Date 02/16/93
Surrogate Code EX1120393, R05C
Spike Code
Reviewed By [Signature]

client	Lab ID	Sign out DOC	CL2 res	Init pH H2O	Init wt/vol	Sample Color & Texture	Surr Init	Spike Init	Ext Method	Ext By	CPU	Int Conc	Vf	Color of Ext	Conc/Scored By	X Solids Data				Location			Surr Scrn	Comments	
																Tare	Wt wt	Dry wt	X Solids	Fir	Trey	Slot			
Blank	0211-801	NA	NA	NA	30.0g	white H2SO4	TAM	N/D	Sonic	TAM	02	03	32	VI	9B										
Blank	0211-802	NA	NA	NA	30.0g	white H2SO4	TAM	N/D	Sonic	TAM	02	03	32	VI	9B										
Blank	0146-5	TAM	NA	NA	30.0g	white H2SO4	TAM	N/D	Sonic	TAM	02	03	32	VI	9B										
	-25																								
	-26																								