RETEC

Wells G & H
7.6

REMEDIAL ACTION COMPLETION REPORT
DEBRIS, SLUDGE, AND MIXED-CONTAMINANT SOIL REMOVAL

APPENDIX V
CLP DATA Packages

SDMS DocID 553627

VOLUME 4
SDG-18, Soil

Wildwood Property
Wells G & H Superfund Site
Woburn, MA

Prepared For:

BEATRICE COMPANY

Prepared By:

REMEDIATION TECHNOLOGIES, INC.
9 Pond Lane
Concord, MA 01742

RETEC Project No.: 3-0947-730

MARCH 1995

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL-25RE

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SL-25RE

Sample wt/vol: 50.2 (g/mL) G Lab File ID: >U0909

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 15 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH: 5.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
56-55-3	Benzo(a)anthracene	114	
218-01-9	Chrysene	488	
05-99-2	Benzo(b)fluoranthene	445	
7-08-9	Benzo(k)fluoranthene	171	
50-32-8	Benzo(a)pyrene	234	
193-39-5	Indeno(1,2,3-cd)pyrene	151	
53-70-3	Dibenz(a,h)anthracene	35	U

Operator ID: ANDY
Output File: ^U0909::D1
Data File: >U0909::A4
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML

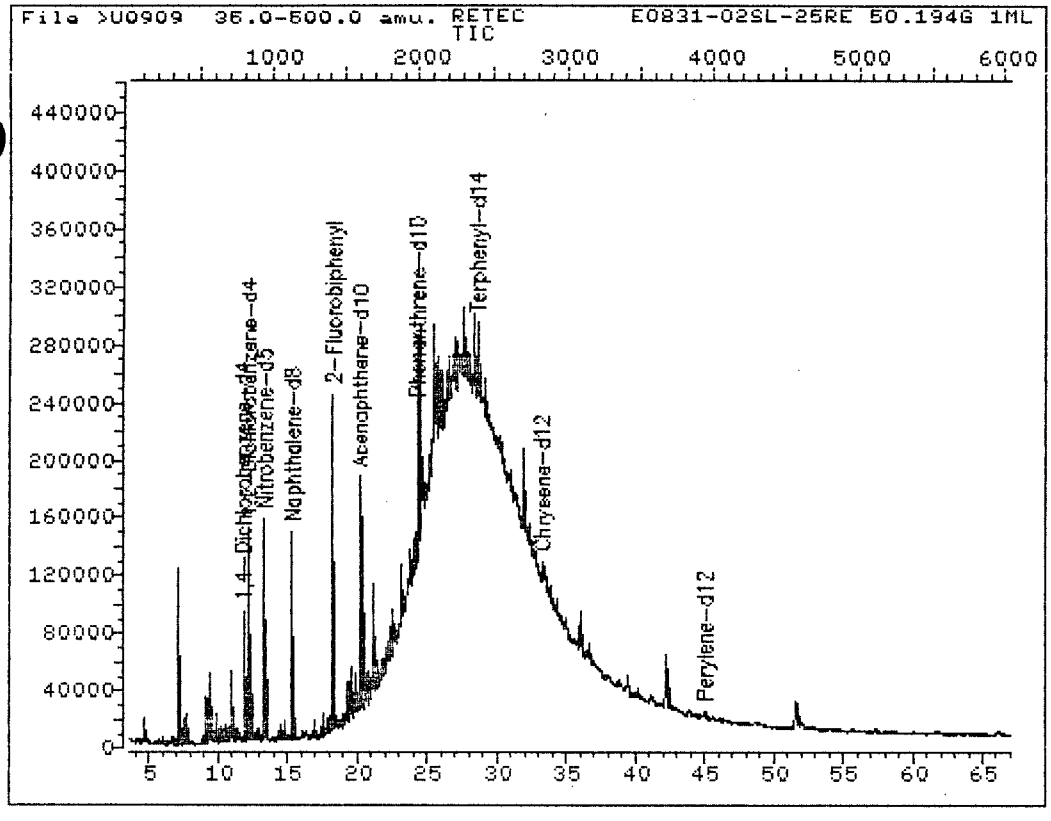
Quant Rev: 7
Quant Time: 940910 03:59
Injected at: 940910 02:51
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL#11

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940909 16:51

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.70	152.0	40290	20.00	UG/ML	66
5)	1,2-Dichlorobenzene-d4	12.15	152.0	66754	33.75	UG/ML	57
17)	*Naphthalene-d8	15.27	136.0	157262	20.00	UG/ML	95
18)	Nitrobenzene-d5	13.24	82.0	119771	40.91	UG/ML	55
31)	*Acenaphthene-d10	20.13	164.0	101105	20.00	UG/ML	96
36)	2-Fluorobiphenyl	18.20	172.0	200031	36.41	UG/ML	96
51)	*Phenanthrene-d10	24.20	188.0	109039	20.00	UG/ML	98
63)	*Chrysene-d12	33.21	240.0	25919	20.00	UG/ML	90
65)	Terphenyl-d14	28.51	244.0	106733	79.30	UG/ML	84
68)	Benzo(a)anthracene	33.14	228.0	6589	4.85	UG/ML	79
69)	Chrysene	33.35	228.0	23680M	20.84	UG/ML	98
71)	*Perylene-d12	44.97	264.0	12942	20.00	UG/ML	90
73)	Benzo(b)fluoranthene	41.02	252.0	12093M	18.99	UG/ML	71
74)	Benzo(k)fluoranthene	41.27	252.0	4415M	7.30	UG/ML	71
75)	Benzo(a)pyrene	44.36	252.0	5437	9.98	UG/ML	61
76)	Indeno(1,2,3-cd)pyrene	60.11	276.0	3341	6.43	UG/ML	69

* Compound is ISTD

TOTAL ION CHROMATOGRAM

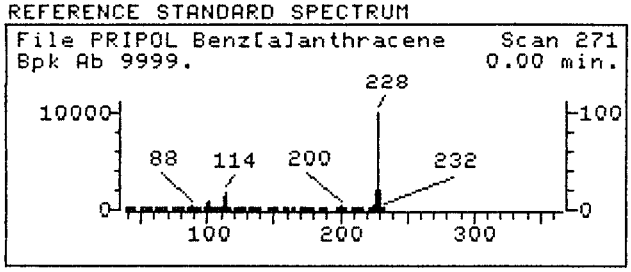


Data File: >U0909 Quant Output File: ^U0909::D1
Name: RETEC E0831-02 Instrument ID: MACH-2
Misc: SL-25RE 50.194G 1ML BTL#11

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940909 16:51

Operator ID: ANDY
Quant Time : 940910 03:59
Injected at: 940910 02:51

REFERENCE STANDARD SPECTRUM



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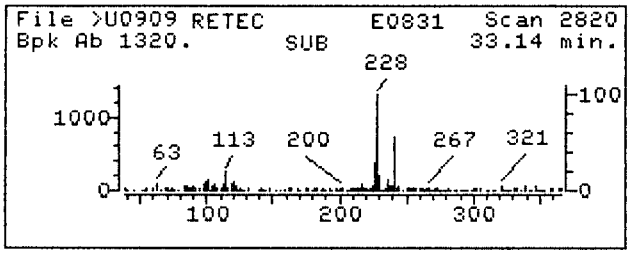

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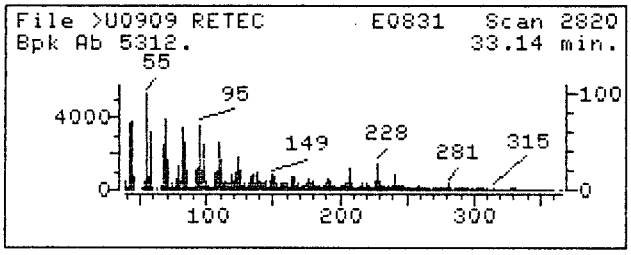
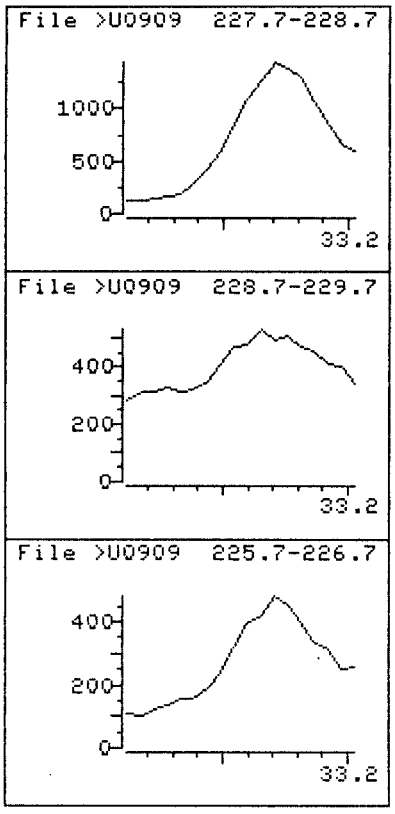


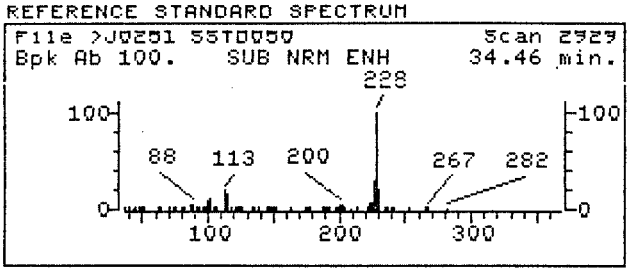


Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 68
Compound Name : Benzo(a)anthracene
Scan Number : 2820
Retention Time: 33.14 min.
Quant Ion : 228.0
Area : 6589
Concentration : 4.85 UG/ML
q-value : 79

REFERENCE STANDARD SPECTRUM



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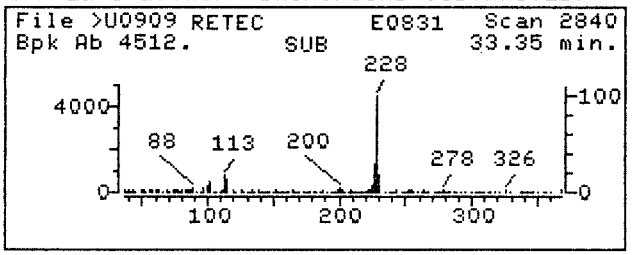

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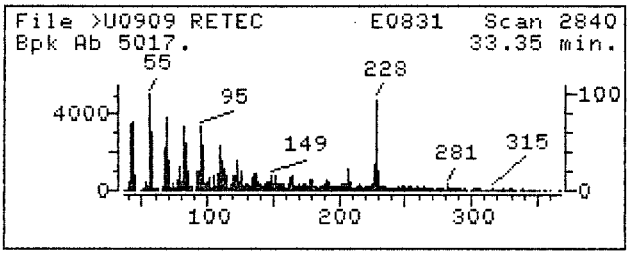
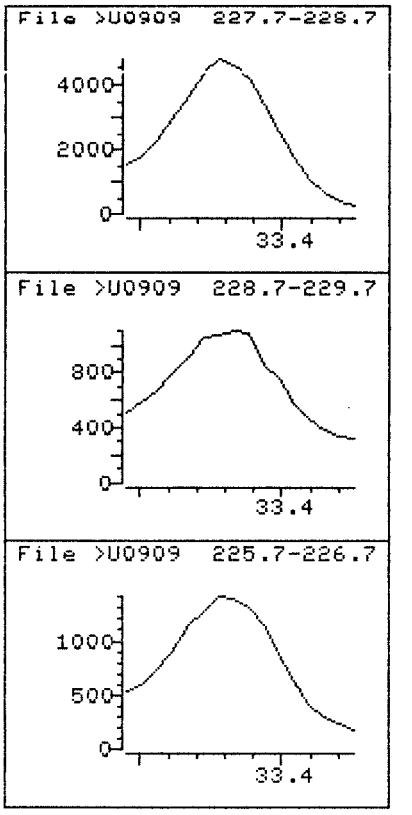


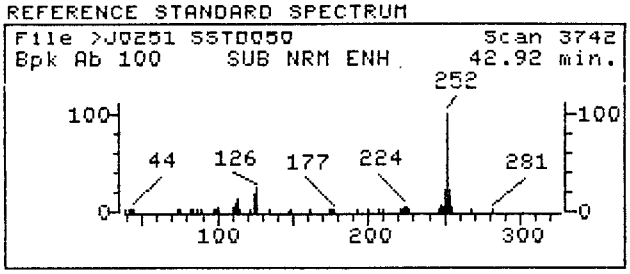


Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 69
Compound Name : Chrysene
Scan Number : 2840
Retention Time: 33.35 min.
Quant Ion : 228.0
Area : 23680M
Concentration : 20.84 UG/ML
q-value : 98

REFERENCE STANDARD SPECTRUM



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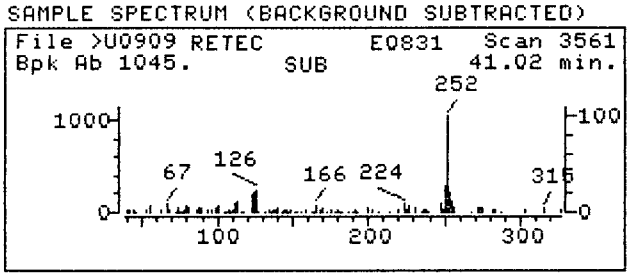

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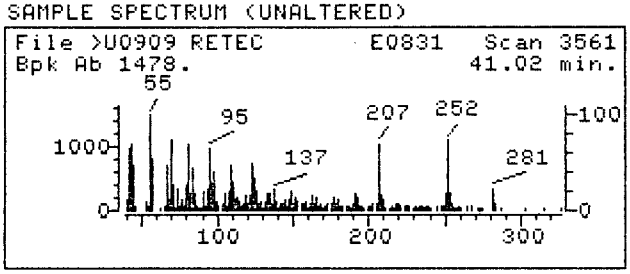
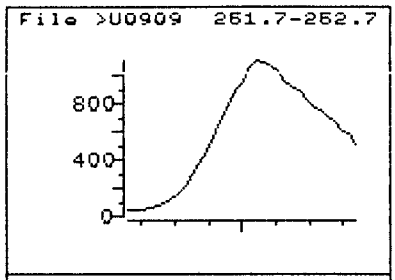
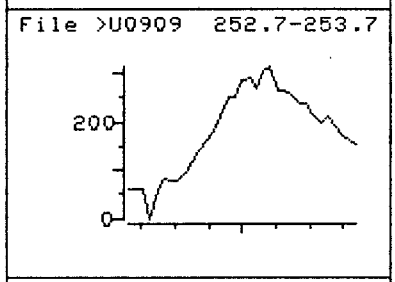
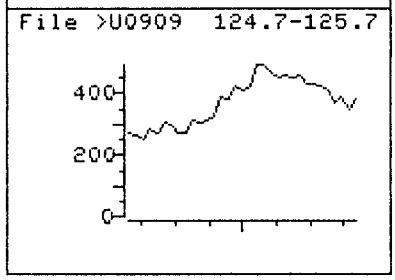






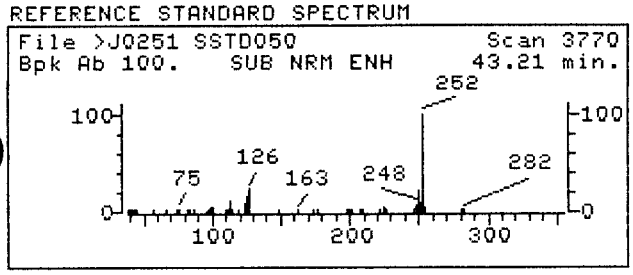


Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 73
Compound Name : Benzo(b)fluoranthene
Scan Number : 3561
Retention Time: 41.02 min.
Quant Ion : 252.0
Area : 12093M
Concentration : 18.99 UG/ML
q-value : 71

REFERENCE STANDARD SPECTRUM



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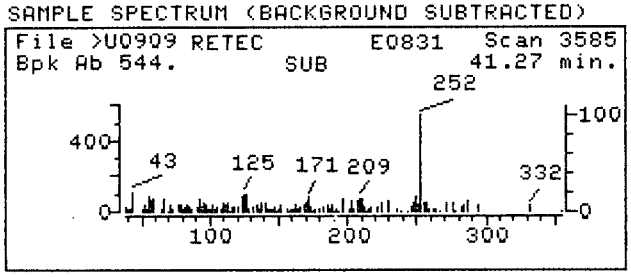

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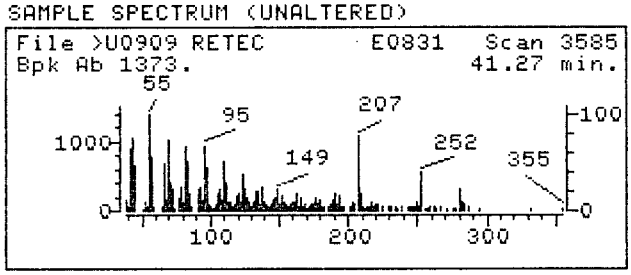
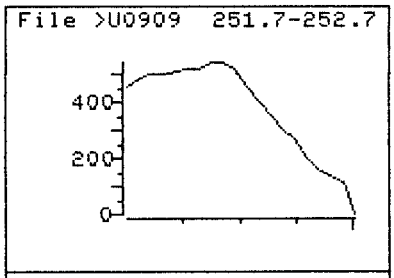
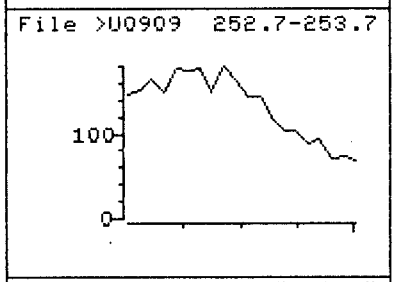
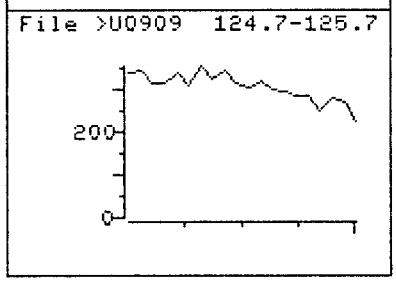






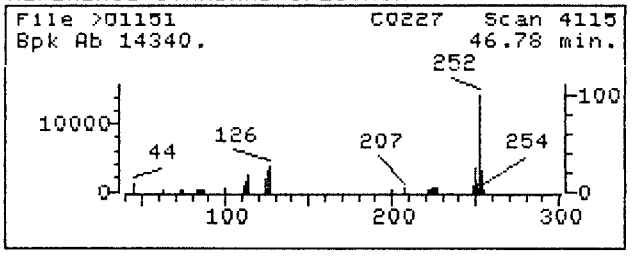


Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

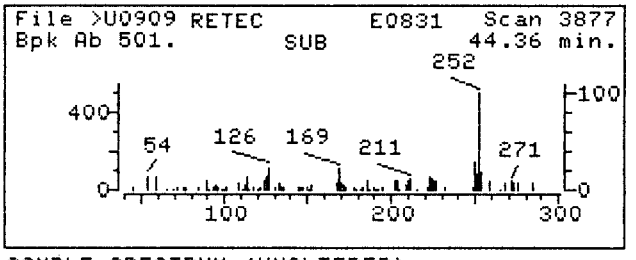
Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 74
Compound Name : Benzo(k)fluoranthene
Scan Number : 3585
Retention Time: 41.27 min.
Quant Ion : 252.0
Area : 4415M
Concentration : 7.30 UG/ML
q-value : 71

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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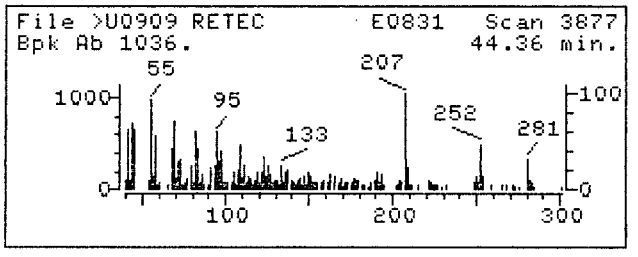
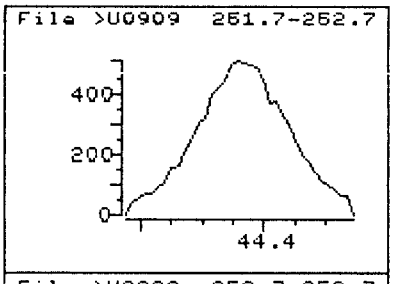
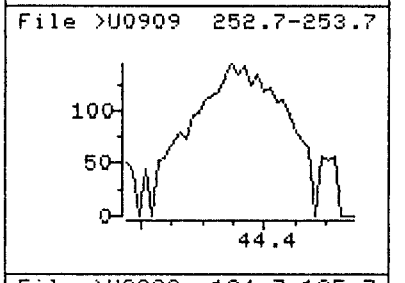
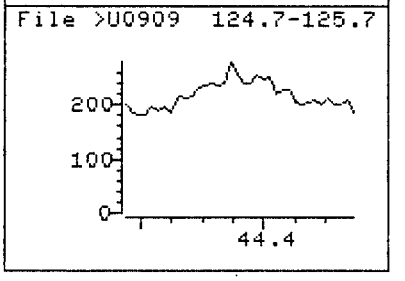






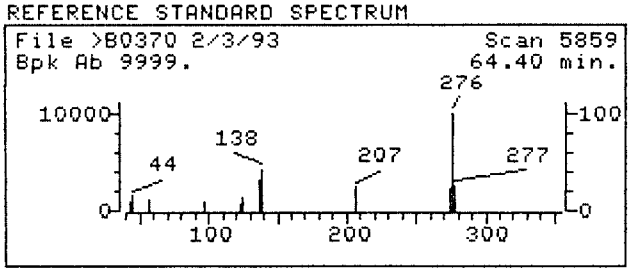


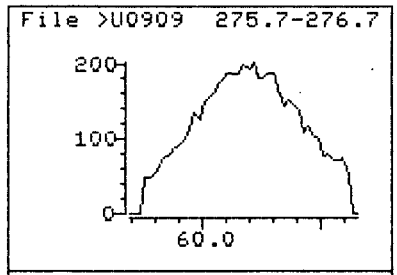
Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 75
Compound Name : Benzo(a)pyrene
Scan Number : 3877
Retention Time: 44.36 min.
Quant Ion : 252.0
Area : 5437
Concentration : 9.98 UG/ML
q-value : 61

REFERENCE STANDARD SPECTRUM





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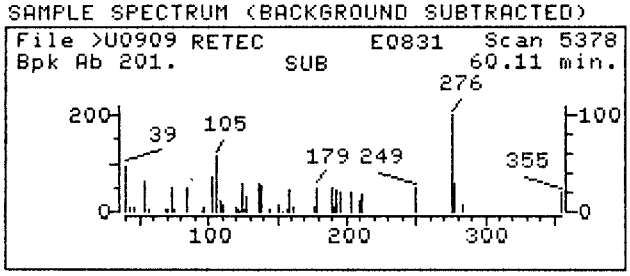

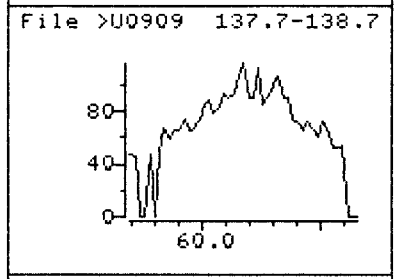

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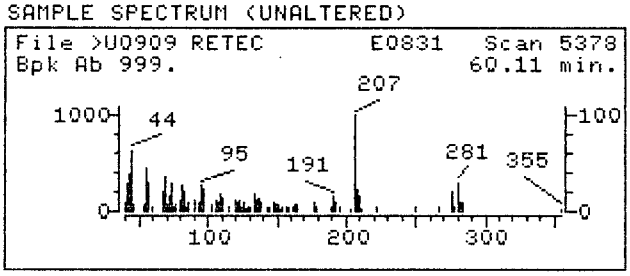
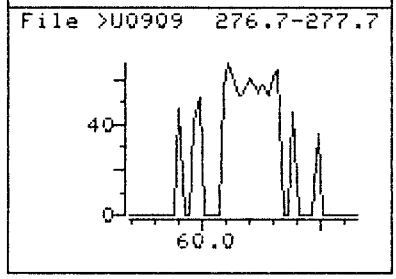




Data File: >U0909
Name: RETEC E0831-02
Misc: SL-25RE 50.194G 1ML
Quant Time: 940910 03:59
Injected at: 940910 02:51
Last Qcal Time: 940909 16:51

Quant Output File: ^U0909::D1
Instrument ID: MACH-2
BTL#11
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 76
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 5378
Retention Time: 60.11 min.
Quant Ion : 276.0
Area : 3341
Concentration : 6.43 UG/ML
q-value : 69

STANDARDS DATA

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: NEW ENGLAND TESTING LABORATORY Contract: G&H RIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date(s): 09/05/94 09/05/94

Calibration Times: 1150 1641

LAB FILE ID: RRF20 = >U0303 RRF50 = >U0302

RRF80 = >U0304 RRF120= >U0305 RRF160= >U0306

COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
Phenol	1.869	1.641	1.557	1.378	1.278	1.544	15.0
bis(2-Chloroethyl)ether	1.529	1.293	1.194	1.148	1.153	1.263	12.6
2-Chlorophenol	1.382	1.219	1.142	1.001	0.915	1.132	16.2
1,3-Dichlorobenzene	1.529	1.352	1.280	1.158	1.086	1.281	13.5
1,4-Dichlorobenzene	1.556	1.366	1.274	1.152	1.046	1.279	15.4
1,2-Dichlorobenzene	1.478	1.282	1.172	1.017	0.923	1.174	18.7
2-Methylphenol	1.343	1.178	1.101	0.973	0.903	1.099	15.8
2,2'-oxybis(1-Chloropropane)	2.209	2.108	2.076	1.955	1.897	2.049	6.1
4-Methylphenol	1.476	1.297	1.230	1.140	1.079	1.245	12.4
N-Nitroso-di-n-propylamine	1.204	1.074	1.054	0.979	0.964	1.055	9.1
[illegible]achloroethane	1.058	1.030	0.929	0.791	0.708	0.903	16.7
[illegible]robenzene	0.428	0.384	0.362	0.332	0.317	0.365	12.1
Isophorone	0.863	0.754	0.704	0.627	0.611	0.712	14.4
2-Nitrophenol	0.202	0.235	0.244	0.219	0.178	0.216	12.4
2,4-Dimethylphenol	0.345	0.295	0.261	0.224	0.228	0.270	18.7
bis(2-Chloroethoxy)methane	0.554	0.477	0.440	0.365	0.347	0.437	19.4
2,4-Dichlorophenol	0.318	0.281	0.260	0.226	0.213	0.260	16.2
1,2,4-Trichlorobenzene	0.332	0.291	0.262	0.231	0.215	0.266	17.6
Naphthalene	1.110	0.932	0.830	0.703	0.634	0.842	22.4
4-Chloroaniline	0.394	0.247	0.185	0.151	0.173	0.230	42.8
Hexachlorobutadiene	0.178	0.158	0.146	0.131	0.122	0.147	15.2
4-Chloro-3-methylphenol	0.373	0.330	0.311	0.277	0.266	0.311	13.8
2-Methylnaphthalene	0.698	0.594	0.522	0.437	0.401	0.530	22.6
Hexachlorocyclopentadiene	0.164	0.203	0.203	0.211	0.193	0.195	9.5
2,4,6-Trichlorophenol	0.371	0.348	0.320	0.298	0.265	0.320	12.9
2,4,5-Trichlorophenol	0.382	0.351	0.326	0.302	0.263	0.325	14.1
2-Chloronaphthalene	1.146	1.051	0.956	0.885	0.805	0.968	13.9
2-Nitroaniline	0.426	0.406	0.404	0.392	0.365	0.399	5.6
Dimethylphthalate	1.343	1.185	1.101	1.013	0.926	1.114	14.4
Acenaphthylene	1.720	1.500	1.367	1.226	1.062	1.375	18.4
2,6-Dinitrotoluene	0.313	0.310	0.301	0.289	0.268	0.296	6.3
3-Nitroaniline	0.302	0.183	0.094	0.085	0.071	0.147	66.2
Acenaphthene	1.242	1.019	0.878	0.746	0.619	0.901	26.9
2,4-Dinitrophenol	0.032	0.085	0.104	0.113	0.107	0.088	37.5
4-Nitrophenol	0.095	0.115	0.116	0.114	0.112	0.110	8.0
Dibenzofuran	1.631	1.421	1.311	1.165	1.010	1.307	18.2
2,4-Dinitrotoluene	0.394	0.393	0.352	0.297	0.248	0.337	18.8

[illegible]ompounds with required minimum RRF and maximum %RSD values.

[illegible]ll other compounds must meet a minimum RRF of 0.010.

6C
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: NEW ENGLAND TESTING LABORATORY Contract: G&H RIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date(s): 09/05/94 09/05/94

Calibration Times: 1150 1641

LAB FILE ID: RRF20 = >U0303 RRF50 = >U0302

RRF80 = >U0304 RRF120= >U0305 RRF160= >U0306

COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Diethylphthalate	1.378	1.242	1.161	1.033	0.922	1.147	15.5	*
4-chlorophenyl-phenylether	0.579	0.531	0.481	0.434	0.380	0.481	16.3	*
Fluorene	1.135	1.096	0.960	0.836	0.723	0.950	18.2	*
4-Nitroaniline	0.272	0.193	0.168	0.155	0.124	0.182	30.6	
4,6-Dinitro-2-methylphenol	0.060	0.096	0.106	0.111	0.112	0.097	22.5	
N-Nitrosodiphenylamine (1)	0.627	0.535	0.450	0.380	0.296	0.457	28.2	
4-Bromophenyl-phenylether	0.249	0.223	0.201	0.190	0.172	0.207	14.4	*
Hexachlorobenzene	0.295	0.261	0.236	0.221	0.203	0.243	14.7	*
Pentachlorophenol	0.110	0.149	0.150	0.150	0.148	0.141	12.5	*
Phenanthrene	1.276	1.102	0.987	0.871	0.790	1.005	19.1	*
hracene	1.238	1.076	0.963	0.857	0.763	0.979	19.0	*
bazole	1.122	1.041	1.017	0.831	0.761	0.954	15.9	
Di-n-butylphthalate	1.679	1.499	1.375	1.137	0.991	1.336	20.6	
Fluoranthene	1.124	1.026	0.977	0.848	0.819	0.959	13.2	*
Pyrene	1.992	1.785	1.685	1.549	1.436	1.690	12.7	*
Butylbenzylphthalate	0.970	0.905	0.848	0.864	0.824	0.882	6.5	
3,3'-Dichlorobenzidine	0.215	0.134	0.105	0.105	0.111	0.134	35.1	
Benzo(a)anthracene	1.188	1.138	1.056	1.009	1.010	1.080	7.4	*
Chrysene	1.026	0.934	0.940	0.899	0.897	0.939	5.6	*
bis(2-Ethylhexyl)phthalate	1.251	1.115	1.133	1.067	1.075	1.128	6.6	
Di-n-octylphthalate	3.064	2.915	2.988	2.664	2.755	2.877	5.7	
Benzo(b)fluoranthene	1.382	1.290	1.281	1.214	1.181	1.270	6.1	*
Benzo(k)fluoranthene	1.325	1.277	1.253	1.176	1.116	1.229	6.8	*
Benzo(a)pyrene	1.061	1.001	0.992	0.947	0.905	0.981	6.0	*
Indeno(1,2,3-cd)pyrene	0.613	0.593	0.567	0.626	0.583	0.596	3.9	*
Dibenz(a,h)anthracene	0.591	0.565	0.557	0.588	0.555	0.571	3.0	*
Benzo(g,h,i)perylene	0.572	0.538	0.503	0.575	0.529	0.543	5.6	*
Nitrobenzene-d5	0.395	0.367	0.351	0.326	0.324	0.353	8.4	
2-Fluorobiphenyl	1.059	1.039	0.926	0.820	0.707	0.910	16.3	*
Terphenyl-d14	1.222	1.085	1.025	0.953	0.885	1.034	12.5	*
Phenol-d5	1.787	1.561	1.488	1.360	1.295	1.498	12.8	*
2-Fluorophenol	1.222	1.113	1.100	1.033	1.008	1.095	7.6	*
2,4,6-Tribromophenol	0.158	0.147	0.140	0.134	0.125	0.141	8.9	
2-Chlorophenol-d4	1.406	1.303	1.236	1.105	1.043	1.219	12.0	*
1,2-Dichlorobenzene-d4	1.090	0.986	0.895	0.782	0.709	0.892	17.2	*

(1) Cannot be separated from Diphenylamine

* Compounds with required minimum RRF and maximum %RSD values.

other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 08:20
Output File: ^U0303::D1 Injected at: 940905 13:03
Data File: >U0303::A0 Dilution Factor: 1.00000
Date: 9/03/94 Instrument ID: MACH-2
Misc: SSTD20 10 ug/mL BTL# 4

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.73	152.0	61902	20.00	UG/ML	66
2)	2-Fluorophenol	7.93	112.0	37823	10.98	UG/ML	96
3)	Phenol-d5	10.51	99.0	55299	11.44	UG/ML	84
4)	2-Chlorophenol-d4	11.08	132.0	43523	10.79	UG/ML	98
5)	1,2-Dichlorobenzene-d4	12.17	152.0	33737M	11.05	UG/ML	60
6)	Phenol	10.55	94.0	57847	11.39	UG/ML	68
7)	bis(2-Chloroethyl)ether	10.90	93.0	47316	11.82	UG/ML	91
8)	2-Chlorophenol	11.12	128.0	42767	11.34	UG/ML	62
9)	1,3-Dichlorobenzene	11.58	146.0	47228	11.28	UG/ML	97
10)	1,4-Dichlorobenzene	11.78	146.0	48163	11.40	UG/ML	98
11)	1,2-Dichlorobenzene	12.21	146.0	45750	11.53	UG/ML	97
12)	2-Methylphenol	12.28	108.0	41580	11.41	UG/ML	99
13)	2,2'-oxybis(1-Chloropropane)	12.41	45.0	68367	10.48	UG/ML	97
14)	4-Methylphenol	12.69	108.0	45695	11.38	UG/ML	98
15)	N-Nitroso-Di-n-propylamine	12.78	70.0	37367	11.24	UG/ML	84
16)	Hexachloroethane	13.18	117.0	32750M	10.27	UG/ML	90
17)	*Naphthalene-d8	15.31	136.0	242436	20.00	UG/ML	97
18)	Nitrobenzene-d5	13.27	82.0	47920	10.77	UG/ML	59
19)	Nitrobenzene	13.32	77.0	51918	11.14	UG/ML	93
20)	Isophorone	13.96	82.0	104580	11.44	UG/ML	82
21)	2-Nitrophenol	14.20	139.0	24443M	8.57	UG/ML	89
22)	2,4-Dimethylphenol	14.20	107.0	41793M	11.68	UG/ML	88
23)	bis(2-Chloroethoxy)methane	14.49	93.0	67171	11.61	UG/ML	97
24)	2,4-Dichlorophenol	14.85	162.0	38519	11.32	UG/ML	93
25)	1,2,4-Trichlorobenzene	15.12	180.0	40224	11.39	UG/ML	92
26)	Naphthalene	15.37	128.0	134513	11.91	UG/ML	97
27)	4-Chloroaniline	15.44	127.0	47735	15.94	UG/ML	99
28)	Hexachlorobutadiene	15.65	225.0	21578	11.25	UG/ML	99
29)	4-Chloro-3-methylphenol	16.68	107.0	45213	11.30	UG/ML	97
30)	2-Methylnaphthalene	17.26	142.0	84577	11.74	UG/ML	96
31)	*Acenaphthene-d10	20.15	164.0	146535	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.67	237.0	12002	8.07	UG/ML	98
33)	2,4,6-Trichlorophenol	17.98	196.0	27153	10.66	UG/ML	92
34)	2,4,5-Trichlorophenol	18.08	196.0	28016	10.89	UG/ML	95
35)	2-Chloronaphthalene	18.63	162.0	83985M	12.51	UG/ML	97
36)	2-Fluorobiphenyl	18.22	172.0	77563M	10.19	UG/ML	95
37)	2-Nitroaniline	18.83	65.0	31188	10.48	UG/ML	77
38)	Dimethylphthalate	19.25	163.0	98429	11.34	UG/ML	99
39)	Acenaphthylene	19.78	152.0	126002	11.46	UG/ML	95
40)	2,6-Dinitrotoluene	19.45	165.0	22941	10.09	UG/ML	96
41)	3-Nitroaniline	19.94	138.0	22145	16.49	UG/ML	92
42)	Acenaphthene	20.24	153.0	90995	12.19	UG/ML	96
43)	2,4-Dinitrophenol	20.22	184.0	2346M	3.77	UG/ML	

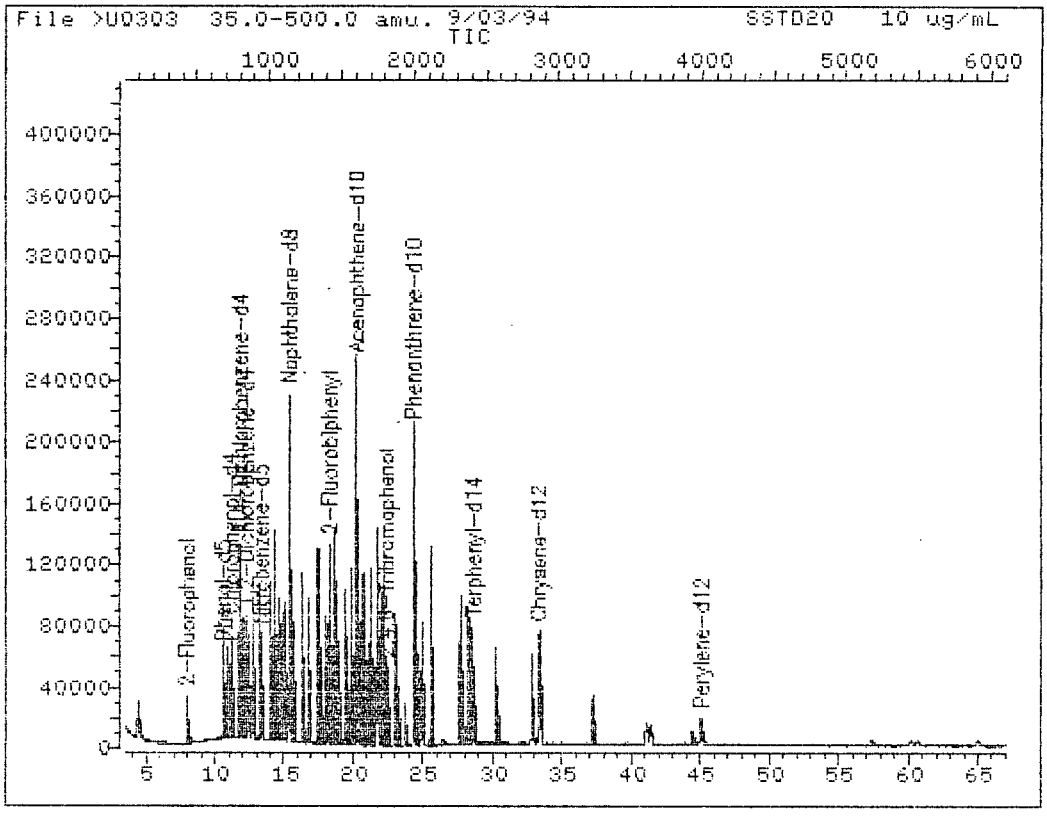
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 08:20
Output File: ^U0303::D1 Injected at: 940905 13:03
Data File: >U0303::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD20 10 ug/mL BTL# 4

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.28	109.0	6932M	8.26	UG/ML	
45)	Dibenzofuran	20.70	168.0	119487	11.48	UG/ML	89
46)	2,4-Dinitrotoluene	20.55	165.0	28882	10.04	UG/ML	73
47)	Diethylphthalate	21.14	149.0	100934	11.09	UG/ML	92
48)	4-Chlorophenyl-phenylether	21.56	204.0	42398	10.90	UG/ML	80
49)	Fluorene	21.65	166.0	83181M	10.36	UG/ML	99
50)	4-Nitroaniline	21.62	138.0	19901M	14.09	UG/ML	67
51)	*Phenanthrene-d10	24.22	188.0	195215	20.00	UG/ML	97
52)	4,6-Dinitro-2-methylphenol	21.67	198.0	5811M	6.21	UG/ML	97
53)	N-Nitrosodiphenylamine	21.86	169.0	61203	11.73	UG/ML	96
54)	2,4,6-Tribromophenol	22.28	330.0	15413	10.75	UG/ML	97
55)	4-Bromophenyl-phenylether	22.91	248.0	24300	11.15	UG/ML	87
56)	Hexachlorobenzene	23.14	284.0	28711	11.28	UG/ML	91
57)	Pentachlorophenol	23.63	266.0	10701	7.36	UG/ML	98
58)	Phenanthrene	24.29	178.0	124590	11.59	UG/ML	98
59)	Anthracene	24.43	178.0	120837	11.51	UG/ML	98
60)	Carbozole	24.80	167.0	109544	10.78	UG/ML	95
61)	Di-n-butylphthalate	25.52	149.0	163844	11.20	UG/ML	96
62)	Fluoranthene	27.54	202.0	109673	10.95	UG/ML	96
63)	*Chrysene-d12	33.23	240.0	108329	20.00	UG/ML	92
64)	Pyrene	28.25	202.0	107906	11.16	UG/ML	89
65)	Terphenyl-d14	28.53	244.0	66166	11.26	UG/ML	92
66)	Butylbenzylphthalate	30.13	149.0	52542	10.72	UG/ML	99
67)	3,3'-Dichlorobenzidine	32.83	252.0	11645	16.01	UG/ML	97
68)	Benzo(a)anthracene	33.15	228.0	64361	10.45	UG/ML	96
69)	Chrysene	33.37	228.0	55586	10.99	UG/ML	95
70)	bis(2-Ethylhexyl)phthalate	32.72	149.0	67752	11.22	UG/ML	96
71)	*Perylene-d12	45.02	264.0	58924	20.00	UG/ML	95
72)	Di-n-octylphthalate	37.15	149.0	90264	10.51	UG/ML	100
73)	Benzo(b)fluoranthene	41.05	252.0	40715	10.72	UG/ML	90
74)	Benzo(k)fluoranthene	41.30	252.0	39045M	10.38	UG/ML	89
75)	Benzo(a)pyrene	44.40	252.0	31252	10.59	UG/ML	94
76)	Indeno(1,2,3-cd)pyrene	60.17	276.0	18063	10.35	UG/ML	75
77)	Dibenz(a,h)anthracene	60.66	278.0	17416	10.46	UG/ML	84
78)	Benzo(g,h,i)perylene	64.91	276.0	16850	10.62	UG/ML	77

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0303::A0 Quant Output File: ^U0303::D1
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD20 10 ug/mL BTL# 4

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 08:20
Injected at: 940905 13:03

Operator ID: ANDY Quant Rev: 7 Quant Time: 940905 12:58
Output File: ^U0302::D2 Injected at: 940905 11:50
Data File: >U0302::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/mL BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940903 09:25

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	63498	20.00	UG/ML	67
2)	2-Fluorophenol	7.94	112.0	88315	24.62	UG/ML	98
3)	Phenol-d5	10.52	99.0	123908	24.96	UG/ML	85
4)	2-Chlorophenol-d4	11.08	132.0	103412	25.67	UG/ML	98
5)	1,2-Dichlorobenzene-d4	12.18	152.0	78294	26.50	UG/ML	57
6)	Phenol	10.56	94.0	130271	25.26	UG/ML	67
7)	bis(2-Chloroethyl)ether	10.91	93.0	102641	24.46	UG/ML	90
8)	2-Chlorophenol	11.13	128.0	96757	24.87	UG/ML	61
9)	1,3-Dichlorobenzene	11.58	146.0	107333	24.51	UG/ML	98
10)	1,4-Dichlorobenzene	11.79	146.0	108389	24.66	UG/ML	98
11)	1,2-Dichlorobenzene	12.23	146.0	101759	24.71	UG/ML	96
12)	2-Methylphenol	12.29	108.0	93463	25.34	UG/ML	98
13)	2,2'-oxybis(1-Chloropropane)	12.42	45.0	167322	24.95	UG/ML	97
14)	4-Methylphenol	12.70	108.0	102983	25.66	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.79	70.0	85285	24.96	UG/ML	85
16)	Hexachloroethane	13.19	117.0	81769	24.45	UG/ML	89
17)	*Naphthalene-d8	15.31	136.0	251120	20.00	UG/ML	97
18)	Nitrobenzene-d5	13.28	82.0	115172	23.91	UG/ML	56
19)	Nitrobenzene	13.33	77.0	120674	24.22	UG/ML	95
20)	Isophorone	13.97	82.0	236669	25.25	UG/ML	82
21)	2-Nitrophenol	14.21	139.0	73872	24.55	UG/ML	85
22)	2,4-Dimethylphenol	14.21	107.0	92624	24.58	UG/ML	91
23)	bis(2-Chloroethoxy)methane	14.51	93.0	149857	24.78	UG/ML	97
24)	2,4-Dichlorophenol	14.85	162.0	88110	24.17	UG/ML	92
25)	1,2,4-Trichlorobenzene	15.12	180.0	91462	23.03	UG/ML	92
26)	Naphthalene	15.37	128.0	292552	24.52	UG/ML	97
27)	4-Chloroaniline	15.47	127.0	77559	23.30	UG/ML	97
28)	Hexachlorobutadiene	15.65	225.0	49681	21.55	UG/ML	98
29)	4-Chloro-3-methylphenol	16.69	107.0	103587	25.41	UG/ML	97
30)	2-Methylnaphthalene	17.28	142.0	186499	25.18	UG/ML	95
31)	*Acenaphthene-d10	20.15	164.0	155680	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.67	237.0	39485	13.54	UG/ML	98
33)	2,4,6-Trichlorophenol	18.00	196.0	67657	22.90	UG/ML	93
34)	2,4,5-Trichlorophenol	18.09	196.0	68318	22.42	UG/ML	93
35)	2-Chloronaphthalene	18.63	162.0	204492M	26.18	UG/ML	97
36)	2-Fluorobiphenyl	18.23	172.0	202219	23.30	UG/ML	94
37)	2-Nitroaniline	18.84	65.0	79071	25.44	UG/ML	77
38)	Dimethylphthalate	19.26	163.0	230572	24.87	UG/ML	99
39)	Acenaphthylene	19.79	152.0	291958	24.59	UG/ML	94
40)	2,6-Dinitrotoluene	19.47	165.0	60411	24.79	UG/ML	93
41)	3-Nitroaniline	19.96	138.0	35675	30.13	UG/ML	89
42)	Acenaphthene	20.25	153.0	198237	25.32	UG/ML	95
43)	2,4-Dinitrophenol	20.22	184.0	16546M	11.53	UG/ML	

Operator ID: ANDY
Output File: ^U0302::D2
Data File: >U0302::A0
Date: 9/03/94
Misc: SSTD50 25 ug/mL

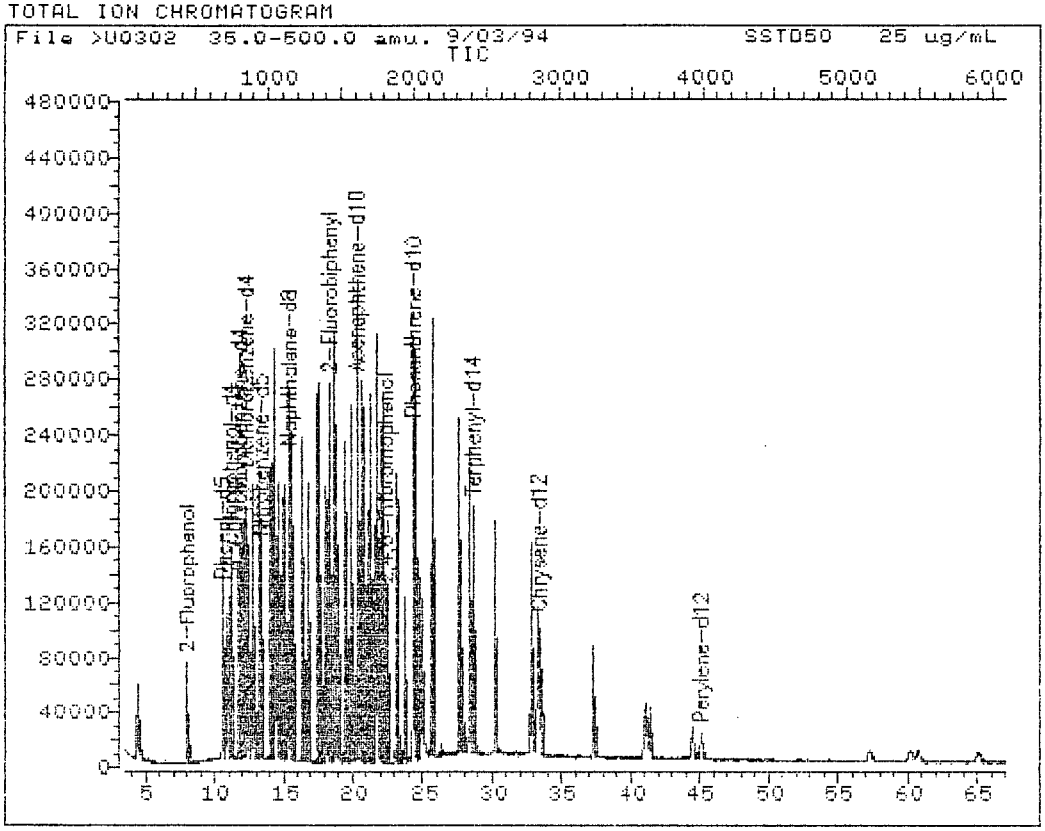
Quant Rev: 7
Quant Time: 940905 12:58
Injected at: 940905 11:50
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940903 09:25

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.28	109.0	22287M	25.97	UG/ML	
45)	Dibenzofuran	20.71	168.0	276477	24.74	UG/ML	89
46)	2,4-Dinitrotoluene	20.56	165.0	76415	26.38	UG/ML	72
47)	Diethylphthalate	21.15	149.0	241671	25.60	UG/ML	93
48)	4-Chlorophenyl-phenylether	21.56	204.0	103338	23.63	UG/ML	76
49)	Fluorene	21.65	166.0	213315	25.55	UG/ML	98
50)	4-Nitroaniline	21.64	138.0	37518	26.79	UG/ML	65
51)	*Phenanthrene-d10	24.23	188.0	224404	20.00	UG/ML	96
52)	4,6-Dinitro-2-methylphenol	21.68	198.0	26883	14.98	UG/ML	91
53)	N-Nitrosodiphenylamine	21.87	169.0	150001	24.56	UG/ML	96
54)	2,4,6-Tribromophenol	22.29	330.0	41200	20.91	UG/ML	98
55)	4-Bromophenyl-phenylether	22.91	248.0	62613	22.04	UG/ML	86
56)	Hexachlorobenzene	23.14	284.0	73135	22.66	UG/ML	87
57)	Pentachlorophenol	23.64	266.0	41763	19.47	UG/ML	98
58)	Phenanthrene	24.30	178.0	309052	24.79	UG/ML	97
59)	Anthracene	24.44	178.0	301736	24.75	UG/ML	98
60)	Carbozole	24.80	167.0	291938	41.22	UG/ML	95
61)	Di-n-butylphthalate	25.52	149.0	420389	25.36	UG/ML	96
62)	Fluoranthene	27.54	202.0	287890	24.31	UG/ML	95
63)	*Chrysene-d12	33.24	240.0	126994	20.00	UG/ML	92
64)	Pyrene	28.26	202.0	283312	28.62	UG/ML	91
65)	Terphenyl-d14	28.53	244.0	172186	27.40	UG/ML	91
66)	Butylbenzylphthalate	30.14	149.0	143604	29.47	UG/ML	99
67)	3,3'-Dichlorobenzidine	32.84	252.0	21321	16.23	UG/ML	96
68)	Benzo(a)anthracene	33.18	228.0	180578	25.96	UG/ML	98
69)	Chrysene	33.39	228.0	148187	23.69	UG/ML	95
70)	bis(2-Ethylhexyl)phthalate	32.73	149.0	176932	28.15	UG/ML	96
71)	*Perylene-d12	45.02	264.0	66563	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.18	149.0	242539	45.05	UG/ML	100
73)	Benzo(b)fluoranthene	41.07	252.0	107303	29.02	UG/ML	90
74)	Benzo(k)fluoranthene	41.34	252.0	106225M	29.45	UG/ML	90
75)	Benzo(a)pyrene	44.43	252.0	83323	26.43	UG/ML	90
76)	Indeno(1,2,3-cd)pyrene	60.18	276.0	49306	19.32	UG/ML	76
77)	Dibenz(a,h)anthracene	60.69	278.0	47031	19.63	UG/ML	83
78)	Benzo(g,h,i)perylene	64.96	276.0	44804	18.00	UG/ML	76

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0302::A0 Quant Output File: ^U0302::D2
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/mL BTL# 3

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940903 09:25

Operator ID: ANDY
Quant Time : 940905 12:58
Injected at: 940905 11:50

Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 12:05
Output File: ^U0304::D1 Injected at: 940905 14:16
Data File: >U0304::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD80 40 ug/mL BTL# 5

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	59304	20.00	UG/ML	67
2)	2-Fluorophenol	7.95	112.0	130437	39.54	UG/ML	99
3)	Phenol-d5	10.52	99.0	176544	38.14	UG/ML	85
4)	2-Chlorophenol-d4	11.08	132.0	146647	37.96	UG/ML	97
5)	1,2-Dichlorobenzene-d4	12.17	152.0	106125	36.28	UG/ML	58
6)	Phenol	10.57	94.0	184617	37.93	UG/ML	68
7)	bis(2-Chloroethyl)ether	10.91	93.0	141658	36.94	UG/ML	91
8)	2-Chlorophenol	11.13	128.0	135421	37.46	UG/ML	61
9)	1,3-Dichlorobenzene	11.58	146.0	151794	37.86	UG/ML	98
10)	1,4-Dichlorobenzene	11.79	146.0	151154	37.33	UG/ML	98
11)	1,2-Dichlorobenzene	12.23	146.0	139063	36.58	UG/ML	96
12)	2-Methylphenol	12.29	108.0	130603	37.40	UG/ML	98
13)	2,2'-oxybis(1-Chloropropane)	12.42	45.0	246206	39.39	UG/ML	97
14)	4-Methylphenol	12.72	108.0	145935	37.93	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.80	70.0	125062	39.25	UG/ML	86
16)	Hexachloroethane	13.19	117.0	110166	36.06	UG/ML	86
17)	*Naphthalene-d8	15.31	136.0	238523	20.00	UG/ML	97
18)	Nitrobenzene-d5	13.28	82.0	167272	38.23	UG/ML	57
19)	Nitrobenzene	13.34	77.0	172865	37.70	UG/ML	96
20)	Isophorone	13.98	82.0	335605	37.32	UG/ML	83
21)	2-Nitrophenol	14.21	139.0	116597	41.54	UG/ML	82
22)	2,4-Dimethylphenol	14.21	107.0	124638	35.42	UG/ML	93
23)	bis(2-Chloroethoxy)methane	14.51	93.0	210076	36.90	UG/ML	96
24)	2,4-Dichlorophenol	14.85	162.0	124041	37.05	UG/ML	92
25)	1,2,4-Trichlorobenzene	15.12	180.0	125013	35.98	UG/ML	92
26)	Naphthalene	15.38	128.0	395738	35.60	UG/ML	97
27)	4-Chloroaniline	15.48	127.0	88190M	29.93	UG/ML	95
28)	Hexachlorobutadiene	15.65	225.0	69652	36.90	UG/ML	99
29)	4-Chloro-3-methylphenol	16.70	107.0	148195	37.65	UG/ML	95
30)	2-Methylnaphthalene	17.28	142.0	249230	35.17	UG/ML	96
31)	*Acenaphthene-d10	20.16	164.0	146668	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.68	237.0	59407	39.92	UG/ML	99
33)	2,4,6-Trichlorophenol	18.00	196.0	94004	36.87	UG/ML	94
34)	2,4,5-Trichlorophenol	18.09	196.0	95631	37.15	UG/ML	94
35)	2-Chloronaphthalene	18.64	162.0	280316M	41.72	UG/ML	99
36)	2-Fluorobiphenyl	18.23	172.0	271725	35.66	UG/ML	96
37)	2-Nitroaniline	18.86	65.0	118612	39.81	UG/ML	81
38)	Dimethylphthalate	19.26	163.0	322990	37.17	UG/ML	99
39)	Acenaphthylene	19.78	152.0	401065	36.45	UG/ML	96
40)	2,6-Dinitrotoluene	19.47	165.0	88315	38.79	UG/ML	94
41)	3-Nitroaniline	19.97	138.0	27650	20.57	UG/ML	90
42)	Acenaphthene	20.25	153.0	257621	34.49	UG/ML	95
43)	2,4-Dinitrophenol	20.22	184.0	30539M	48.98	UG/ML	

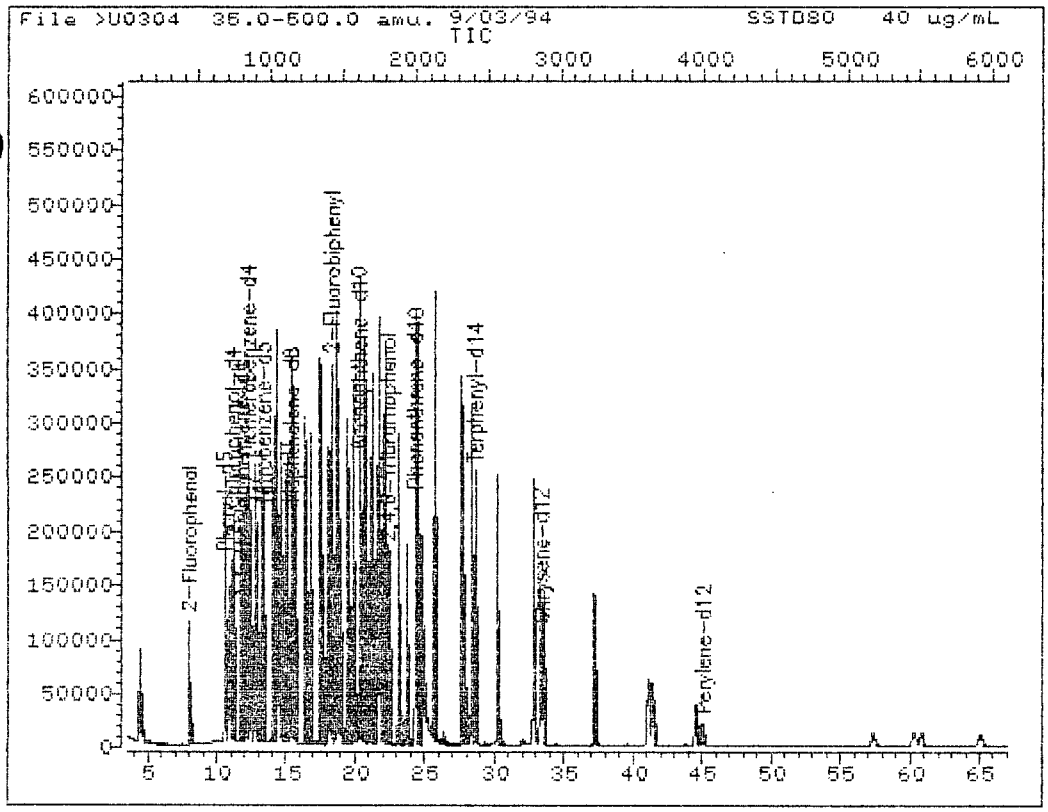
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 12:05
Output File: ^U0304::D1 Injected at: 940905 14:16
Data File: >U0304::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD80 40 ug/mL BTL# 5

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.28	109.0	33891M	40.35	UG/ML	
45)	Dibenzofuran	20.71	168.0	384475	36.90	UG/ML	90
46)	2,4-Dinitrotoluene	20.57	165.0	103256	35.86	UG/ML	73
47)	Diethylphthalate	21.15	149.0	340645	37.40	UG/ML	94
48)	4-Chlorophenyl-phenylether	21.57	204.0	141092	36.23	UG/ML	77
49)	Fluorene	21.65	166.0	281565	35.03	UG/ML	99
50)	4-Nitroaniline	21.67	138.0	49262	34.84	UG/ML	69
51)	*Phenanthrene-d10	24.23	188.0	216890	20.00	UG/ML	96
52)	4,6-Dinitro-2-methylphenol	21.68	198.0	45799	44.07	UG/ML	92
53)	N-Nitrosodiphenylamine	21.87	169.0	195013	33.63	UG/ML	96
54)	2,4,6-Tribromophenol	22.29	330.0	60908	38.24	UG/ML	97
55)	4-Bromophenyl-phenylether	22.92	248.0	87101	35.98	UG/ML	87
56)	Hexachlorobenzene	23.14	284.0	102309	36.18	UG/ML	87
57)	Pentachlorophenol	23.63	266.0	65228	40.40	UG/ML	99
58)	Phenanthrene	24.30	178.0	428126	35.83	UG/ML	97
59)	Anthracene	24.44	178.0	417740	35.81	UG/ML	98
60)	Carbozole	24.80	167.0	441060	39.08	UG/ML	96
61)	Di-n-butylphthalate	25.52	149.0	596300	36.69	UG/ML	96
62)	Fluoranthene	27.55	202.0	423743	38.07	UG/ML	92
63)	*Chrysene-d12	33.25	240.0	125124	20.00	UG/ML	92
64)	Pyrene	28.27	202.0	421706	37.77	UG/ML	93
65)	Terphenyl-d14	28.54	244.0	256569	37.81	UG/ML	89
66)	Butylbenzylphthalate	30.14	149.0	212309	37.51	UG/ML	98
67)	3,3'-Dichlorobenzidine	32.85	252.0	26281	31.28	UG/ML	96
68)	Benzo(a)anthracene	33.19	228.0	264156	37.12	UG/ML	98
69)	Chrysene	33.40	228.0	235235	40.28	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.74	149.0	283540	40.66	UG/ML	96
71)	*Perylene-d12	45.03	264.0	68665	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.18	149.0	410280	41.00	UG/ML	100
73)	Benzo(b)fluoranthene	41.11	252.0	175983	39.75	UG/ML	91
74)	Benzo(k)fluoranthene	41.37	252.0	172058M	39.25	UG/ML	91
75)	Benzo(a)pyrene	44.45	252.0	136277	39.64	UG/ML	94
76)	Indeno(1,2,3-cd)pyrene	60.19	276.0	77873	38.28	UG/ML	79
77)	Dibenz(a,h)anthracene	60.73	278.0	76498	39.42	UG/ML	84
78)	Benzo(g,h,i)perylene	65.00	276.0	69031M	37.34	UG/ML	77

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0304::A0 Quant Output File: ^U0304::D1
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD80 40 ug/mL BTL# 5

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 12:05
Injected at: 940905 14:16

Operator ID: ANDY
Output File: ^U0305::D1
Data File: >U0305::A0
Date: 9/03/94
Misc: SSTD120 60 ug/mL

Quant Rev: 7
Quant Time: 940906 08:25
Injected at: 940905 15:28
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 6

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	60999	20.00	UG/ML	64
2)	2-Fluorophenol	7.95	112.0	189032	55.70	UG/ML	97
3)	Phenol-d5	10.53	99.0	248945	52.29	UG/ML	86
4)	2-Chlorophenol-d4	11.09	132.0	202299	50.91	UG/ML	96
5)	1,2-Dichlorobenzene-d4	12.18	152.0	143189	47.59	UG/ML	58
6)	Phenol	10.58	94.0	252084	50.36	UG/ML	69
7)	bis(2-Chloroethyl)ether	10.92	93.0	210076	53.26	UG/ML	91
8)	2-Chlorophenol	11.14	128.0	183124	49.25	UG/ML	60
9)	1,3-Dichlorobenzene	11.59	146.0	211912	51.38	UG/ML	97
10)	1,4-Dichlorobenzene	11.79	146.0	210827	50.62	UG/ML	98
11)	1,2-Dichlorobenzene	12.23	146.0	186135	47.60	UG/ML	95
12)	2-Methylphenol	12.30	108.0	177977	49.56	UG/ML	99
13)	2,2'-oxybis(1-Chloropropane)	12.42	45.0	357825	55.65	UG/ML	97
14)	4-Methylphenol	12.74	108.0	208565	52.71	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.82	70.0	179075	54.64	UG/ML	88
16)	Hexachloroethane	13.20	117.0	144740	46.07	UG/ML	82
17)	*Naphthalene-d8	15.32	136.0	247542	20.00	UG/ML	96
18)	Nitrobenzene-d5	13.29	82.0	241987	53.29	UG/ML	56
19)	Nitrobenzene	13.35	77.0	246547	51.82	UG/ML	97
20)	Isophorone	13.99	82.0	465410	49.87	UG/ML	83
21)	2-Nitrophenol	14.22	139.0	162748M	55.87	UG/ML	79
22)	2,4-Dimethylphenol	14.23	107.0	166208	45.51	UG/ML	96
23)	bis(2-Chloroethoxy)methane	14.52	93.0	270989	45.86	UG/ML	97
24)	2,4-Dichlorophenol	14.86	162.0	167844	48.31	UG/ML	94
25)	1,2,4-Trichlorobenzene	15.12	180.0	171863	47.66	UG/ML	93
26)	Naphthalene	15.39	128.0	522187M	45.27	UG/ML	98
27)	4-Chloroaniline	15.50	127.0	112279	36.71	UG/ML	90
28)	Hexachlorobutadiene	15.66	225.0	96918	49.48	UG/ML	99
29)	4-Chloro-3-methylphenol	16.71	107.0	205647	50.35	UG/ML	96
30)	2-Methylnaphthalene	17.28	142.0	324680	44.15	UG/ML	97
31)	*Acenaphthene-d10	20.16	164.0	145717M	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.68	237.0	92303	62.44	UG/ML	99
33)	2,4,6-Trichlorophenol	18.00	196.0	130289	51.43	UG/ML	95
34)	2,4,5-Trichlorophenol	18.11	196.0	132175	51.67	UG/ML	93
35)	2-Chloronaphthalene	18.65	162.0	386799M	57.94	UG/ML	95
36)	2-Fluorobiphenyl	18.23	172.0	358445	47.34	UG/ML	96
37)	2-Nitroaniline	18.86	65.0	171503	57.93	UG/ML	81
38)	Dimethylphthalate	19.28	163.0	442743	51.29	UG/ML	99
39)	Acenaphthylene	19.80	152.0	536012	49.04	UG/ML	95
40)	2,6-Dinitrotoluene	19.49	165.0	126239	55.81	UG/ML	93
41)	3-Nitroaniline	20.00	138.0	37224M	27.87	UG/ML	89
42)	Acenaphthene	20.26	153.0	326089	43.94	UG/ML	94
43)	2,4-Dinitrophenol	20.23	184.0	49332M	79.63	UG/ML	

0603

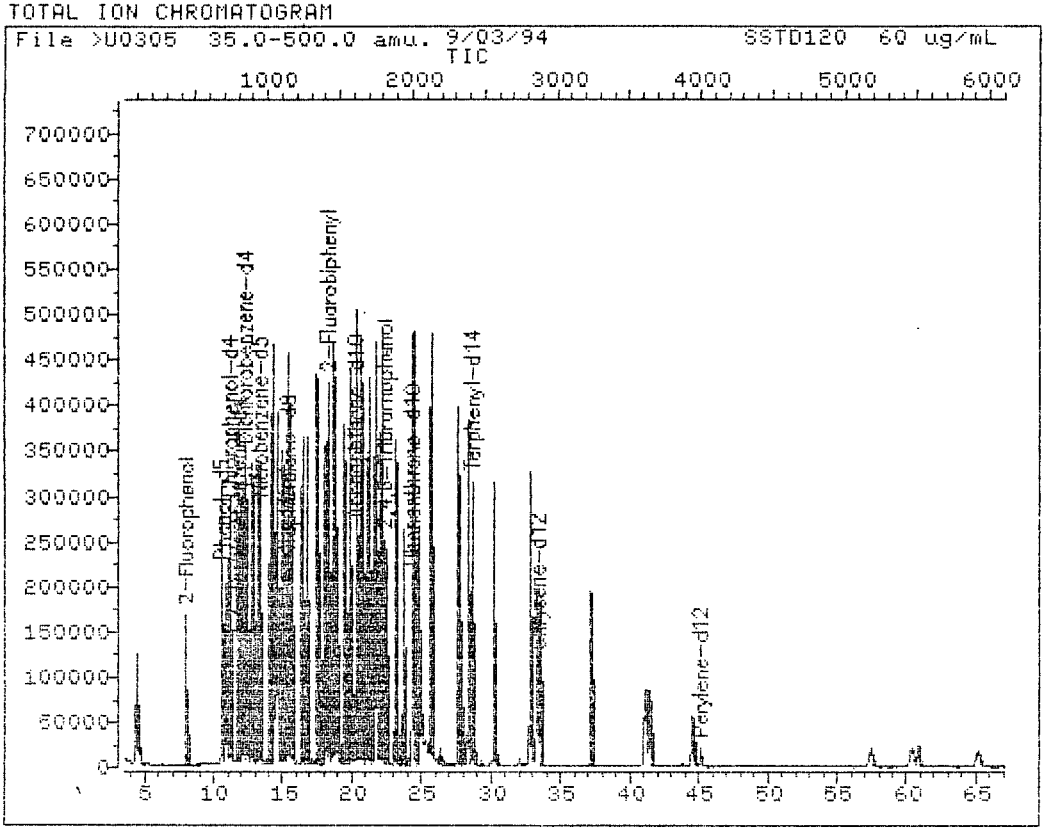
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 08:25
Output File: ^U0305::D1 Injected at: 940905 15:28
Data File: >U0305::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD120 60 ug/mL BTL# 6

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.30	109.0	49889M	59.79	UG/ML	
45)	Dibenzofuran	20.73	168.0	509137	49.19	UG/ML	92
46)	2,4-Dinitrotoluene	20.58	165.0	129824	45.38	UG/ML	80
47)	Diethylphthalate	21.16	149.0	451524	49.90	UG/ML	94
48)	4-Chlorophenyl-phenylether	21.58	204.0	189572	49.00	UG/ML	77
49)	Fluorene	21.66	166.0	365654M	45.78	UG/ML	99
50)	4-Nitroaniline	21.69	138.0	67849M	48.30	UG/ML	68
51)	*Phenanthrene-d10	24.23	188.0	211828	20.00	UG/ML	98
52)	4,6-Dinitro-2-methylphenol	21.69	198.0	70428	69.38	UG/ML	89
53)	N-Nitrosodiphenylamine	21.88	169.0	241369	42.62	UG/ML	96
54)	2,4,6-Tribromophenol	22.30	330.0	85215	54.78	UG/ML	98
55)	4-Bromophenyl-phenylether	22.91	248.0	120792	51.09	UG/ML	85
56)	Hexachlorobenzene	23.15	284.0	140159	50.76	UG/ML	85
57)	Pentachlorophenol	23.64	266.0	95250	60.40	UG/ML	99
58)	Phenanthrene	24.31	178.0	553570	47.44	UG/ML	97
59)	Anthracene	24.45	178.0	544452	47.79	UG/ML	98
60)	Carbozole	24.81	167.0	528100	47.91	UG/ML	96
61)	Di-n-butylphthalate	25.53	149.0	722244	45.50	UG/ML	98
62)	Fluoranthene	27.55	202.0	538907	49.58	UG/ML	90
63)	*Chrysene-d12	33.26	240.0	115432	20.00	UG/ML	91
64)	Pyrene	28.27	202.0	536526	52.09	UG/ML	96
65)	Terphenyl-d14	28.55	244.0	330011	52.71	UG/ML	89
66)	Butylbenzylphthalate	30.16	149.0	299203	57.31	UG/ML	98
67)	3,3'-Dichlorobenzidine	32.87	252.0	36224M	46.73	UG/ML	96
68)	Benzo(a)anthracene	33.19	228.0	349504	53.23	UG/ML	98
69)	Chrysene	33.41	228.0	311186	57.76	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.74	149.0	369435	57.43	UG/ML	95
71)	*Perylene-d12	45.05	264.0	70322	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.19	149.0	562059	54.84	UG/ML	100
73)	Benzo(b)fluoranthene	41.15	252.0	256150	56.49	UG/ML	91
74)	Benzo(k)fluoranthene	41.41	252.0	248130M	55.28	UG/ML	92
75)	Benzo(a)pyrene	44.47	252.0	199773	56.74	UG/ML	94
76)	Indeno(1,2,3-cd)pyrene	60.26	276.0	131991	63.35	UG/ML	79
77)	Dibenz(a,h)anthracene	60.80	278.0	124132	62.46	UG/ML	84
78)	Benzo(g,h,i)perylene	65.06	276.0	121404	64.12	UG/ML	76

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0305::A0 Quant Output File: ^U0305::D1
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD120 60 ug/mL BTL# 6

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 08:25
Injected at: 940905 15:28

Operator ID: ANDY
Output File: ^U0306::D1
Data File: >U0306::A0
Date: 9/03/94
Misc: SSTD160 80 ug/mL

Quant Rev: 7
Quant Time: 940906 08:34
Injected at: 940905 16:41
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 7

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	57212	20.00	UG/ML	64
2)	2-Fluorophenol	7.96	112.0	230759	72.50	UG/ML	96
3)	Phenol-d5	10.55	99.0	296375	66.37	UG/ML	87
4)	2-Chlorophenol-d4	11.10	132.0	238692	64.04	UG/ML	94
5)	1,2-Dichlorobenzene-d4	12.19	152.0	162145	57.46	UG/ML	55
6)	Phenol	10.60	94.0	292487	62.30	UG/ML	70
7)	bis(2-Chloroethyl)ether	10.94	93.0	263894	71.34	UG/ML	91
8)	2-Chlorophenol	11.15	128.0	209352	60.04	UG/ML	59
9)	1,3-Dichlorobenzene	11.59	146.0	248528	64.25	UG/ML	98
10)	1,4-Dichlorobenzene	11.79	146.0	243533	62.34	UG/ML	96
11)	1,2-Dichlorobenzene	12.24	146.0	211117	57.57	UG/ML	96
12)	2-Methylphenol	12.31	108.0	206585	61.33	UG/ML	99
13)	2,2'-oxybis(1-Chloropropane)	12.44	45.0	434176	72.00	UG/ML	96
14)	4-Methylphenol	12.75	108.0	247031	66.56	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.83	70.0	220565	71.76	UG/ML	88
16)	Hexachloroethane	13.20	117.0	162006	54.97	UG/ML	82
17)	*Naphthalene-d8	15.33	136.0	230749M	20.00	UG/ML	96
18)	Nitrobenzene-d5	13.30	82.0	299401	70.73	UG/ML	56
19)	Nitrobenzene	13.35	77.0	292501	65.95	UG/ML	96
20)	Isophorone	14.00	82.0	564256	64.87	UG/ML	84
21)	2-Nitrophenol	14.22	139.0	164242M	60.49	UG/ML	84
22)	2,4-Dimethylphenol	14.24	107.0	210025M	61.69	UG/ML	98
23)	bis(2-Chloroethoxy)methane	14.52	93.0	320137	58.12	UG/ML	97
24)	2,4-Dichlorophenol	14.88	162.0	196760	60.76	UG/ML	95
25)	1,2,4-Trichlorobenzene	15.14	180.0	198445	59.03	UG/ML	93
26)	Naphthalene	15.39	128.0	585067M	54.41	UG/ML	98
27)	4-Chloroaniline	15.48	127.0	159411	55.92	UG/ML	94
28)	Hexachlorobutadiene	15.66	225.0	112534	61.63	UG/ML	98
29)	4-Chloro-3-methylphenol	16.71	107.0	245401	64.45	UG/ML	97
30)	2-Methylnaphthalene	17.29	142.0	369842	53.95	UG/ML	96
31)	*Acenaphthene-d10	20.17	164.0	146749	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.68	237.0	113259	76.07	UG/ML	98
33)	2,4,6-Trichlorophenol	18.01	196.0	155770	61.06	UG/ML	94
34)	2,4,5-Trichlorophenol	18.11	196.0	157084	60.98	UG/ML	93
35)	2-Chloronaphthalene	18.66	162.0	472420M	70.27	UG/ML	95
36)	2-Fluorobiphenyl	18.25	172.0	415289	54.47	UG/ML	95
37)	2-Nitroaniline	18.88	65.0	213980	71.77	UG/ML	83
38)	Dimethylphthalate	19.28	163.0	543679	62.54	UG/ML	99
39)	Acenaphthylene	19.80	152.0	623205	56.61	UG/ML	96
40)	2,6-Dinitrotoluene	19.49	165.0	157120	68.98	UG/ML	93
41)	3-Nitroaniline	20.00	138.0	41394M	30.77	UG/ML	90
42)	Acenaphthene	20.28	153.0	363055	48.57	UG/ML	96
43)	2,4-Dinitrophenol	20.24	184.0	62766M	100.61	UG/ML	

Operator ID: ANDY
Output File: ^U0306::D1
Data File: >U0306::A0
Name: 9/03/94
Misc: SSTD160 80 ug/mL

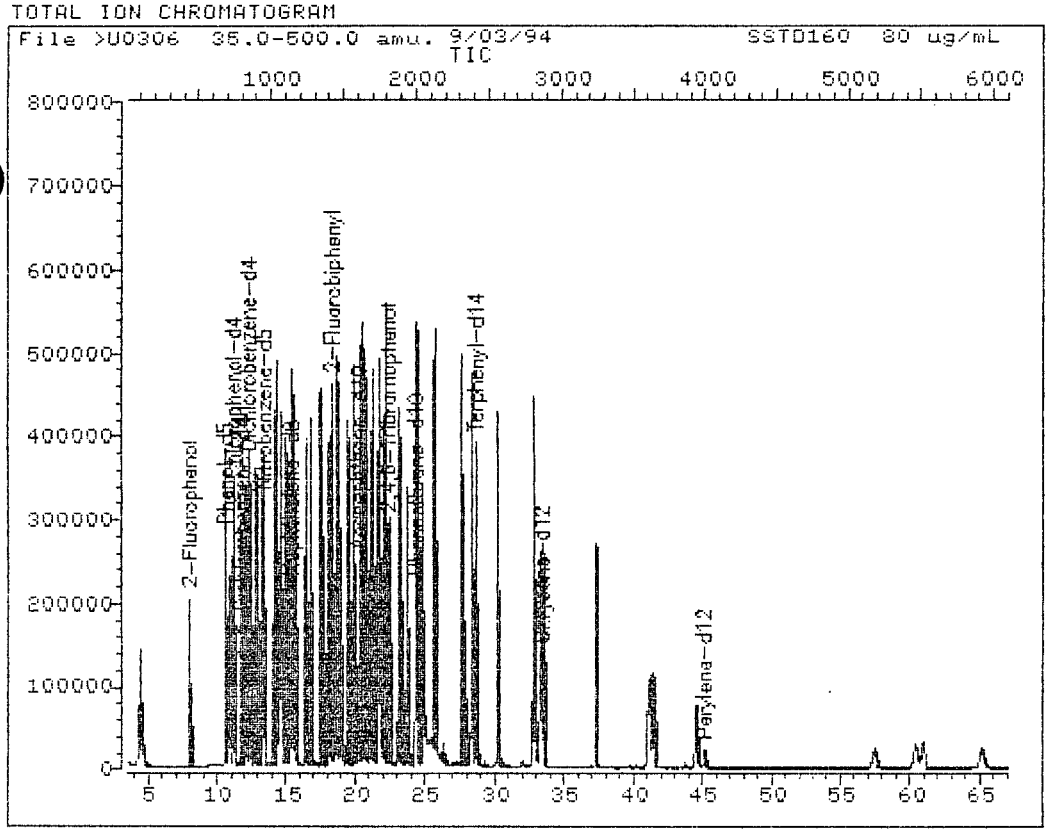
Quant Rev: 7
Quant Time: 940906 08:34
Injected at: 940905 16:41
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 7

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.32	109.0	65486M	77.93	UG/ML	
45)	Dibenzofuran	20.74	168.0	592773	56.86	UG/ML	95
46)	2,4-Dinitrotoluene	20.59	165.0	145864	50.63	UG/ML	81
47)	Diethylphthalate	21.18	149.0	540937	59.36	UG/ML	94
48)	4-Chlorophenyl-phenylether	21.58	204.0	223180	57.28	UG/ML	78
49)	Fluorene	21.67	166.0	424535	52.78	UG/ML	99
50)	4-Nitroaniline	21.72	138.0	72626M	51.34	UG/ML	69
51)	*Phenanthrene-d10	24.24	188.0	217047M	20.00	UG/ML	96
52)	4,6-Dinitro-2-methylphenol	21.71	198.0	97225	93.48	UG/ML	91
53)	N-Nitrosodiphenylamine	21.89	169.0	257256	44.33	UG/ML	96
54)	2,4,6-Tribromophenol	22.30	330.0	108397	68.00	UG/ML	97
55)	4-Bromophenyl-phenylether	22.93	248.0	149534	61.73	UG/ML	86
56)	Hexachlorobenzene	23.16	284.0	176126	62.25	UG/ML	84
57)	Pentachlorophenol	23.65	266.0	128097	79.28	UG/ML	97
58)	Phenanthrene	24.31	178.0	685478	57.33	UG/ML	98
59)	Anthracene	24.46	178.0	662196	56.73	UG/ML	98
60)	Carbozole	24.82	167.0	660466	58.48	UG/ML	95
61)	Di-n-butylphthalate	25.54	149.0	860760	52.92	UG/ML	97
62)	Fluoranthene	27.56	202.0	710614	63.80	UG/ML	87
63)	*Chrysene-d12	33.28	240.0	126095	20.00	UG/ML	93
64)	Pyrene	28.28	202.0	724388	64.38	UG/ML	98
65)	Terphenyl-d14	28.56	244.0	446457	65.28	UG/ML	85
66)	Butylbenzylphthalate	30.16	149.0	415460	72.84	UG/ML	97
67)	3,3'-Dichlorobenzidine	32.89	252.0	55772M	65.86	UG/ML	98
68)	Benzo(a)anthracene	33.21	228.0	509252	71.01	UG/ML	98
69)	Chrysene	33.43	228.0	452594	76.90	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.75	149.0	542170	77.15	UG/ML	98
71)	*Perylene-d12	45.07	264.0	76545	20.00	UG/ML	95
72)	Di-n-octylphthalate	37.21	149.0	842786	75.54	UG/ML	100
73)	Benzo(b)fluoranthene	41.18	252.0	361548	73.25	UG/ML	92
74)	Benzo(k)fluoranthene	41.44	252.0	341814M	69.96	UG/ML	92
75)	Benzo(a)pyrene	44.51	252.0	277042	72.28	UG/ML	95
76)	Indeno(1,2,3-cd)pyrene	60.33	276.0	178613	78.75	UG/ML	80
77)	Dibenz(a,h)anthracene	60.84	278.0	169904	78.54	UG/ML	84
78)	Benzo(g,h,i)perylene	65.09	276.0	161841	78.53	UG/ML	76

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0306::A0
Name: 9/03/94
Misc: SSTD160 80 ug/mL

Quant Output File: ^U0306::D1
Instrument ID: MACH-2
BTL# 7

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07

Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 08:34
Injected at: 940905 16:41

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/05/94 Time: 1150

Lab File ID: >U0302 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Phenol	1.544	1.641	0.800	-6.3	25.0
bis(2-Chloroethyl)ether	1.263	1.293	0.700	-2.3	25.0
2-Chlorophenol	1.132	1.219	0.800	-7.7	25.0
1,3-Dichlorobenzene	1.281	1.352	0.600	-5.6	25.0
1,4-Dichlorobenzene	1.279	1.366	0.500	-6.8	25.0
1,2-Dichlorobenzene	1.174	1.282	0.400	-9.2	25.0
2-Methylphenol	1.099	1.178	0.700	-7.1	25.0
2,2'-oxybis(1-Chloropropane)	2.049	2.108		-2.9	
4-Methylphenol	1.245	1.297	0.600	-4.2	25.0
N-Nitroso-di-n-propylamine	1.055	1.074	0.500	-1.8	25.0
Hexachloroethane	0.903	1.030	0.300	-14.1	25.0
Nitrobenzene	0.365	0.384	0.200	-5.4	25.0
Isophorone	0.712	0.754	0.400	-5.9	25.0
2-Nitrophenol	0.216	0.235	0.100	-9.1	25.0
2,4-Dimethylphenol	0.270	0.295	0.200	-9.1	25.0
bis(2-Chloroethoxy)methane	0.437	0.477	0.300	-9.3	25.0
2,4-Dichlorophenol	0.260	0.281	0.200	-8.2	25.0
1,2,4-Trichlorobenzene	0.266	0.291	0.200	-9.4	25.0
Naphthalene	0.842	0.932	0.700	-10.7	25.0
4-Chloroaniline	0.230	0.247		-7.5	
Hexachlorobutadiene	0.147	0.158		-7.7	
4-Chloro-3-methylphenol	0.311	0.330	0.200	-6.0	25.0
2-Methylnaphthalene	0.530	0.594	0.400	-12.0	25.0
Hexachlorocyclopentadiene	0.195	0.203		-4.2	
2,4,6-Trichlorophenol	0.320	0.348	0.200	-8.5	25.0
2,4,5-Trichlorophenol	0.325	0.351	0.200	-8.1	25.0
2-Chloronaphthalene	0.968	1.051	0.800	-8.5	25.0
2-Nitroaniline	0.399	0.406		-1.9	
Dimethylphthalate	1.114	1.185		-6.4	
Acenaphthylene	1.375	1.500	1.300	-9.1	25.0
2,6-Dinitrotoluene	0.296	0.310	0.200	-4.8	25.0
3-Nitroaniline	0.147	0.183		-24.6	
Acenaphthene	0.901	1.019	0.800	-13.1	25.0
2,4-Dinitrophenol	0.088	0.085		3.6	
4-Nitrophenol	0.110	0.115		-4.1	
Dibenzofuran	1.307	1.421	0.800	-8.7	25.0
2,4-Dinitrotoluene	0.337	0.393	0.200	-16.6	25.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/05/94 Time: 1150

Lab File ID: >U0302 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Diethylphthalate	1.147	1.242		-8.3	
4-chlorophenyl-phenylether	0.481	0.531	0.400	-10.4	25.0
Fluorene	0.950	1.096	0.900	-15.4	25.0
4-Nitroaniline	0.182	0.193		-5.8	
4,6-Dinitro-2-methylphenol	0.097	0.096		0.9	
N-Nitrosodiphenylamine (1)	0.457	0.535		-16.9	
4-Bromophenyl-phenylether	0.207	0.223	0.100	-7.8	25.0
Hexachlorobenzene	0.243	0.261	0.100	-7.3	25.0
Pentachlorophenol	0.141	0.149	0.050	-5.4	25.0
Phenanthrene	1.005	1.102	0.700	-9.6	25.0
Anthracene	0.979	1.076	0.700	-9.8	25.0
Carbazole	0.954	1.041		-9.1	
Di-n-butylphthalate	1.336	1.499		-12.2	
Fluoranthene	0.959	1.026	0.600	-7.1	25.0
Pyrene	1.690	1.785	0.600	-5.6	25.0
Butylbenzylphthalate	0.882	0.905		-2.5	
3,3'-Dichlorobenzidine	0.134	0.134		-0.3	
Benzo(a)anthracene	1.080	1.138	0.800	-5.3	25.0
Chrysene	0.939	0.934	0.700	0.6	25.0
bis(2-Ethylhexyl)phthalate	1.128	1.115		1.2	
Di-n-octylphthalate	2.877	2.915		-1.3	
Benzo(b)fluoranthene	1.270	1.290	0.700	-1.6	25.0
Benzo(k)fluoranthene	1.229	1.277	0.700	-3.8	25.0
Benzo(a)pyrene	0.981	1.001	0.700	-2.1	25.0
Indeno(1,2,3-cd)pyrene	0.596	0.593	0.500	0.6	25.0
Dibenz(a,h)anthracene	0.571	0.565	0.400	1.1	25.0
Benzo(g,h,i)perylene	0.543	0.538	0.500	0.9	25.0
Nitrobenzene-d5	0.353	0.367	0.200	-4.1	25.0
2-Fluorobiphenyl	0.910	1.039	0.700	-14.2	25.0
Terphenyl-d14	1.034	1.085	0.500	-4.9	25.0
Phenol-d5	1.498	1.561	0.800	-4.2	25.0
2-Fluorophenol	1.095	1.113	0.600	-1.6	25.0
2,4,6-Tribromophenol	0.141	0.147		-4.3	
2-Chlorophenol-d4	1.219	1.303	0.800	-6.9	25.0
1,2-Dichlorobenzene-d4	0.892	0.986	0.400	-10.5	25.0

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY Quant Rev: 7 Quant Time: 940905 12:58
Output File: ^U0302::D2 Injected at: 940905 11:50
Data File: >U0302::A0 Dilution Factor: 1.00000
Date: 9/03/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/mL BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940903 09:25

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	63498	20.00	UG/ML	67
2)	2-Fluorophenol	7.94	112.0	88315	24.62	UG/ML	98
3)	Phenol-d5	10.52	99.0	123908	24.96	UG/ML	85
4)	2-Chlorophenol-d4	11.08	132.0	103412	25.67	UG/ML	98
5)	1,2-Dichlorobenzene-d4	12.18	152.0	78294	26.50	UG/ML	57
6)	Phenol	10.56	94.0	130271	25.26	UG/ML	67
7)	bis(2-Chloroethyl)ether	10.91	93.0	102641	24.46	UG/ML	90
8)	2-Chlorophenol	11.13	128.0	96757	24.87	UG/ML	61
9)	1,3-Dichlorobenzene	11.58	146.0	107333	24.51	UG/ML	98
10)	1,4-Dichlorobenzene	11.79	146.0	108389	24.66	UG/ML	98
11)	1,2-Dichlorobenzene	12.23	146.0	101759	24.71	UG/ML	96
12)	2-Methylphenol	12.29	108.0	93463	25.34	UG/ML	98
13)	2,2'-oxybis(1-Chloropropane)	12.42	45.0	167322	24.95	UG/ML	97
14)	4-Methylphenol	12.70	108.0	102983	25.66	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.79	70.0	85285	24.96	UG/ML	85
16)	Hexachloroethane	13.19	117.0	81769	24.45	UG/ML	89
17)	*Naphthalene-d8	15.31	136.0	251120	20.00	UG/ML	97
18)	Nitrobenzene-d5	13.28	82.0	115172	23.91	UG/ML	56
19)	Nitrobenzene	13.33	77.0	120674	24.22	UG/ML	95
20)	Isophorone	13.97	82.0	236669	25.25	UG/ML	82
21)	2-Nitrophenol	14.21	139.0	73872	24.55	UG/ML	85
22)	2,4-Dimethylphenol	14.21	107.0	92624	24.58	UG/ML	91
23)	bis(2-Chloroethoxy)methane	14.51	93.0	149857	24.78	UG/ML	97
24)	2,4-Dichlorophenol	14.85	162.0	88110	24.17	UG/ML	92
25)	1,2,4-Trichlorobenzene	15.12	180.0	91462	23.03	UG/ML	92
26)	Naphthalene	15.37	128.0	292552	24.52	UG/ML	97
27)	4-Chloroaniline	15.47	127.0	77559	23.30	UG/ML	97
28)	Hexachlorobutadiene	15.65	225.0	49681	21.55	UG/ML	98
29)	4-Chloro-3-methylphenol	16.69	107.0	103587	25.41	UG/ML	97
30)	2-Methylnaphthalene	17.28	142.0	186499	25.18	UG/ML	95
31)	*Acenaphthene-d10	20.15	164.0	155680	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.67	237.0	39485	13.54	UG/ML	98
33)	2,4,6-Trichlorophenol	18.00	196.0	67657	22.90	UG/ML	93
34)	2,4,5-Trichlorophenol	18.09	196.0	68318	22.42	UG/ML	93
35)	2-Chloronaphthalene	18.63	162.0	204492M	26.18	UG/ML	97
36)	2-Fluorobiphenyl	18.23	172.0	202219	23.30	UG/ML	94
37)	2-Nitroaniline	18.84	65.0	79071	25.44	UG/ML	77
38)	Dimethylphthalate	19.26	163.0	230572	24.87	UG/ML	99
39)	Acenaphthylene	19.79	152.0	291958	24.59	UG/ML	94
40)	2,6-Dinitrotoluene	19.47	165.0	60411	24.79	UG/ML	93
41)	3-Nitroaniline	19.96	138.0	35675	30.13	UG/ML	89
42)	Acenaphthene	20.25	153.0	198237	25.32	UG/ML	95
43)	2,4-Dinitrophenol	20.22	184.0	16546M	11.53	UG/ML	

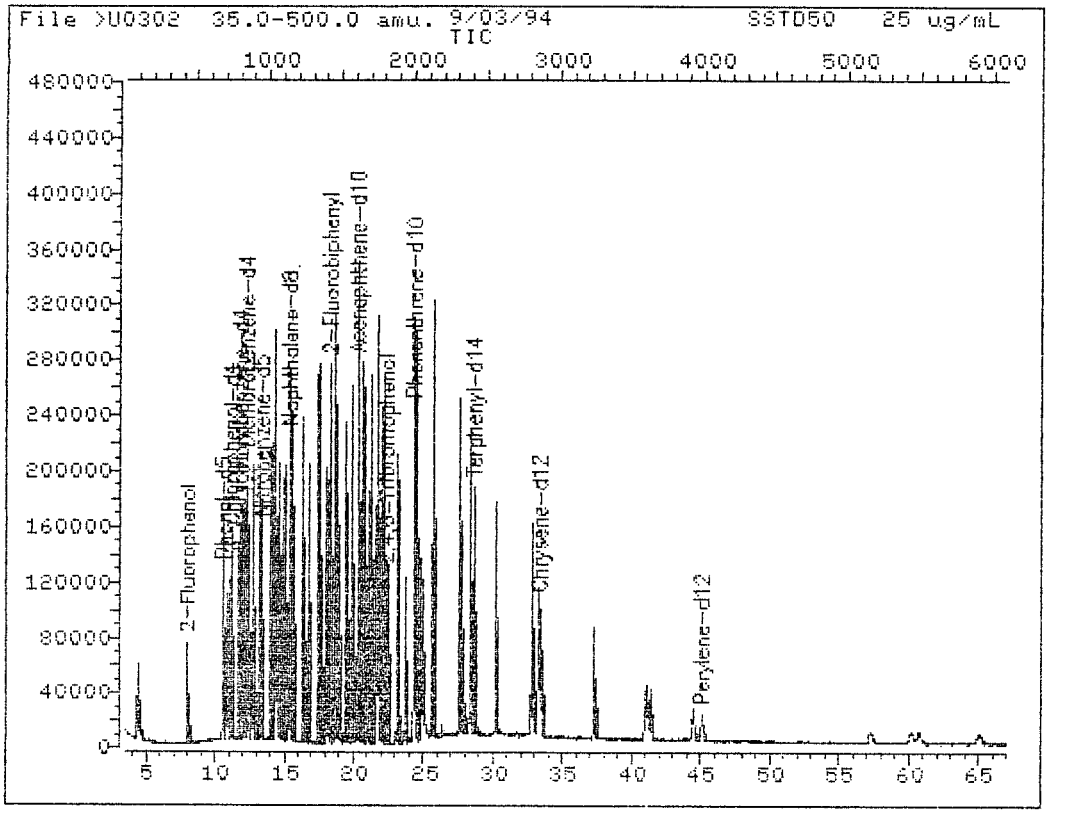
Operator ID: ANDY Quant Rev: 7 Quant Time: 940905 12:58
Output File: ^U0302::D2 Injected at: 940905 11:50
Data File: >U0302::A0 Dilution Factor: 1.00000
Date: 9/03/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/mL BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940903 09:25

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.28	109.0	22287M	25.97	UG/ML	
45)	Dibenzofuran	20.71	168.0	276477	24.74	UG/ML	89
46)	2,4-Dinitrotoluene	20.56	165.0	76415	26.38	UG/ML	72
47)	Diethylphthalate	21.15	149.0	241671	25.60	UG/ML	93
48)	4-Chlorophenyl-phenylether	21.56	204.0	103338	23.63	UG/ML	76
49)	Fluorene	21.65	166.0	213315	25.55	UG/ML	98
50)	4-Nitroaniline	21.64	138.0	37518	26.79	UG/ML	65
51)	*Phenanthrene-d10	24.23	188.0	224404	20.00	UG/ML	96
52)	4,6-Dinitro-2-methylphenol	21.68	198.0	26883	14.98	UG/ML	91
53)	N-Nitrosodiphenylamine	21.87	169.0	150001	24.56	UG/ML	96
54)	2,4,6-Tribromophenol	22.29	330.0	41200	20.91	UG/ML	98
55)	4-Bromophenyl-phenylether	22.91	248.0	62613	22.04	UG/ML	86
56)	Hexachlorobenzene	23.14	284.0	73135	22.66	UG/ML	87
57)	Pentachlorophenol	23.64	266.0	41763	19.47	UG/ML	98
58)	Phenanthrene	24.30	178.0	309052	24.79	UG/ML	97
59)	Anthracene	24.44	178.0	301736	24.75	UG/ML	98
60)	Carbozole	24.80	167.0	291938	41.22	UG/ML	95
61)	Di-n-butylphthalate	25.52	149.0	420389	25.36	UG/ML	96
62)	Fluoranthene	27.54	202.0	287890	24.31	UG/ML	95
63)	*Chrysene-d12	33.24	240.0	126994	20.00	UG/ML	92
64)	Pyrene	28.26	202.0	283312	28.62	UG/ML	91
65)	Terphenyl-d14	28.53	244.0	172186	27.40	UG/ML	91
66)	Butylbenzylphthalate	30.14	149.0	143604	29.47	UG/ML	99
67)	3,3'-Dichlorobenzidine	32.84	252.0	21321	16.23	UG/ML	96
68)	Benzo(a)anthracene	33.18	228.0	180578	25.96	UG/ML	98
69)	Chrysene	33.39	228.0	148187	23.69	UG/ML	95
70)	bis(2-Ethylhexyl)phthalate	32.73	149.0	176932	28.15	UG/ML	96
71)	*Perylene-d12	45.02	264.0	66563	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.18	149.0	242539	45.05	UG/ML	100
73)	Benzo(b)fluoranthene	41.07	252.0	107303	29.02	UG/ML	90
74)	Benzo(k)fluoranthene	41.34	252.0	106225M	29.45	UG/ML	90
75)	Benzo(a)pyrene	44.43	252.0	83323	26.43	UG/ML	90
76)	Indeno(1,2,3-cd)pyrene	60.18	276.0	49306	19.32	UG/ML	76
77)	Dibenz(a,h)anthracene	60.69	278.0	47031	19.63	UG/ML	83
78)	Benzo(g,h,i)perylene	64.96	276.0	44804	18.00	UG/ML	76

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0302::A0
Name: 9/03/94
Misc: SSTD50 25 ug/mL

Quant Output File: ^U0302::D2
Instrument ID: MACH-2
BTL# 3

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07

Last Qcal Time: 940903 09:25

Operator ID: ANDY
Quant Time : 940905 12:58
Injected at: 940905 11:50

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/05/94 Time: 2333

Lab File ID: >U0313 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Phenol	1.544	1.622	0.800	-5.0	25.0
bis(2-Chloroethyl)ether	1.263	1.286	0.700	-1.8	25.0
2-Chlorophenol	1.132	1.215	0.800	-7.4	25.0
1,3-Dichlorobenzene	1.281	1.359	0.600	-6.1	25.0
1,4-Dichlorobenzene	1.279	1.354	0.500	-5.8	25.0
1,2-Dichlorobenzene	1.174	1.278	0.400	-8.8	25.0
2-Methylphenol	1.099	1.149	0.700	-4.5	25.0
2,2'-oxybis(1-Chloropropane)	2.049	2.148		-4.8	
4-Methylphenol	1.245	1.284	0.600	-3.1	25.0
N-Nitroso-di-n-propylamine	1.055	1.087	0.500	-3.1	25.0
Hexachloroethane	0.903	0.987	0.300	-9.3	25.0
Nitrobenzene	0.365	0.388	0.200	-6.5	25.0
Isophorone	0.712	0.750	0.400	-5.4	25.0
2-Nitrophenol	0.216	0.223	0.100	-3.4	25.0
2,4-Dimethylphenol	0.270	0.282	0.200	-4.2	25.0
bis(2-Chloroethoxy)methane	0.437	0.472	0.300	-8.1	25.0
2,4-Dichlorophenol	0.260	0.288	0.200	-11.0	25.0
1,2,4-Trichlorobenzene	0.266	0.299	0.200	-12.3	25.0
Naphthalene	0.842	0.932	0.700	-10.7	25.0
4-Chloroaniline	0.230	0.250		-8.7	
Hexachlorobutadiene	0.147	0.172		-17.1	
4-Chloro-3-methylphenol	0.311	0.336	0.200	-7.9	25.0
2-Methylnaphthalene	0.530	0.593	0.400	-11.9	25.0
Hexachlorocyclopentadiene	0.195	0.146		25.1	
2,4,6-Trichlorophenol	0.320	0.347	0.200	-8.3	25.0
2,4,5-Trichlorophenol	0.325	0.353	0.200	-8.8	25.0
2-Chloronaphthalene	0.968	0.930	0.800	4.0	25.0
2-Nitroaniline	0.399	0.416		-4.3	
Dimethylphthalate	1.114	1.188		-6.7	
Acenaphthylene	1.375	1.466	1.300	-6.6	25.0
2,6-Dinitrotoluene	0.296	0.319	0.200	-7.9	25.0
3-Nitroaniline	0.147	0.182		-23.9	
Acenaphthene	0.901	1.003	0.800	-11.4	25.0
2,4-Dinitrophenol	0.088	0.064		27.8	
4-Nitrophenol	0.110	0.104		5.3	
Dibenzofuran	1.307	1.439	0.800	-10.1	25.0
2,4-Dinitrotoluene	0.337	0.383	0.200	-13.8	25.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab | Contract: G&HRIFS

Lab Code: RI010 | Case No.: | SAS No.: | SDG No.: NETL18-1

Instrument ID: MACH2 | Calibration Date: 09/05/94 | Time: 2333

Lab File ID: >U0313 | Init. Calib. Date(s): 09/05/94 | 09/05/94

Init. Calib. Times: 1150 | 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Diethylphthalate	1.147	1.237		-7.9	
4-chlorophenyl-phenylether	0.481	0.542	0.400	-12.8	25.0
Fluorene	0.950	1.085	0.900	-14.2	25.0
4-Nitroaniline	0.182	0.197		-8.4	
4,6-Dinitro-2-methylphenol	0.097	0.080		17.8	
N-Nitrosodiphenylamine (1)	0.457	0.519		-13.5	
4-Bromophenyl-phenylether	0.207	0.230	0.100	-11.2	25.0
Hexachlorobenzene	0.243	0.271	0.100	-11.6	25.0
Pentachlorophenol	0.141	0.143	0.050	-1.3	25.0
Phenanthrene	1.005	1.087	0.700	-8.2	25.0
Anthracene	0.979	1.052	0.700	-7.4	25.0
Carbazole	0.954	1.021		-7.0	
Di-n-butylphthalate	1.336	1.487		-11.3	
Fluoranthene	0.959	1.005	0.600	-4.8	25.0
Pyrene	1.690	1.917	0.600	-13.4	25.0
Butylbenzylphthalate	0.882	0.935		-6.0	
3,3'-Dichlorobenzidine	0.134	0.117		12.4	
Benzo(a)anthracene	1.080	1.064	0.800	1.5	25.0
Chrysene	0.939	0.944	0.700	-0.5	25.0
bis(2-Ethylhexyl)phthalate	1.128	1.256		-11.3	
Di-n-octylphthalate	2.877	3.486		-21.2	
Benzo(b)fluoranthene	1.270	1.372	0.700	-8.0	25.0
Benzo(k)fluoranthene	1.229	1.337	0.700	-8.7	25.0
Benzo(a)pyrene	0.981	1.006	0.700	-2.5	25.0
Indeno(1,2,3-cd)pyrene	0.596	0.600	0.500	-0.6	25.0
Dibenz(a,h)anthracene	0.571	0.573	0.400	-0.2	25.0
Benzo(g,h,i)perylene	0.543	0.542	0.500	0.2	25.0
Nitrobenzene-d5	0.353	0.368	0.200	-4.4	25.0
2-Fluorobiphenyl	0.910	1.022	0.700	-12.3	25.0
Terphenyl-d14	1.034	1.194	0.500	-15.5	25.0
Phenol-d5	1.498	1.541	0.800	-2.8	25.0
2-Fluorophenol	1.095	1.110	0.600	-1.4	25.0
2,4,6-Tribromophenol	0.141	0.151		-7.2	
2-Chlorophenol-d4	1.219	1.299	0.800	-6.6	25.0
1,2-Dichlorobenzene-d4	0.892	0.984	0.400	-10.2	25.0

(1) Cannot be separated from Dipheylamine

All other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY
Output File: ^U0313::D1
Data File: >U0313::A0
Date: 9/03/94
Misc: SSTD50 25 ug/ml

Quant Rev: 7
Quant Time: 940906 13:55
Injected at: 940905 23:33
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL#14

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	67947	20.00	UG/ML	68
2)	2-Fluorophenol	7.95	112.0	94301	24.95	UG/ML	97
3)	Phenol-d5	10.52	99.0	130872	24.68	UG/ML	85
4)	2-Chlorophenol-d4	11.09	132.0	110365	24.93	UG/ML	97
5)	1,2-Dichlorobenzene-d4	12.19	152.0	83560	24.93	UG/ML	58
6)	Phenol	10.57	94.0	137723	24.70	UG/ML	69
7)	bis(2-Chloroethyl)ether	10.93	93.0	109224	24.86	UG/ML	93
8)	2-Chlorophenol	11.13	128.0	103236	24.93	UG/ML	63
9)	1,3-Dichlorobenzene	11.59	146.0	115412	25.12	UG/ML	97
10)	1,4-Dichlorobenzene	11.79	146.0	114963	24.78	UG/ML	97
11)	1,2-Dichlorobenzene	12.23	146.0	108503	24.91	UG/ML	97
12)	2-Methylphenol	12.30	108.0	97616	24.40	UG/ML	98
13)	2,2'-oxybis(1-Chloropropane)	12.43	45.0	182414	25.47	UG/ML	96
14)	4-Methylphenol	12.72	108.0	109029	24.73	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.80	70.0	92350	25.30	UG/ML	85
16)	Hexachloroethane	13.20	117.0	83811	23.95	UG/ML	76
17)	*Naphthalene-d8	15.32	136.0	270018	20.00	UG/ML	97
18)	Nitrobenzene-d5	13.29	82.0	124204	25.07	UG/ML	55
19)	Nitrobenzene	13.34	77.0	131070	25.25	UG/ML	93
20)	Isophorone	13.98	82.0	253118	24.87	UG/ML	82
21)	2-Nitrophenol	14.22	139.0	75280	23.69	UG/ML	87
22)	2,4-Dimethylphenol	14.23	107.0	95177	23.89	UG/ML	92
23)	bis(2-Chloroethoxy)methane	14.51	93.0	159401	24.73	UG/ML	97
24)	2,4-Dichlorophenol	14.86	162.0	97241	25.66	UG/ML	93
25)	1,2,4-Trichlorobenzene	15.13	180.0	100997	25.67	UG/ML	92
26)	Naphthalene	15.38	128.0	314485	24.99	UG/ML	98
27)	4-Chloroaniline	15.48	127.0	84364	25.29	UG/ML	95
28)	Hexachlorobutadiene	15.67	225.0	58095	27.19	UG/ML	98
29)	4-Chloro-3-methylphenol	16.70	107.0	113376	25.45	UG/ML	96
30)	2-Methylnaphthalene	17.28	142.0	200259	24.97	UG/ML	96
31)	*Acenaphthene-d10	20.17	164.0	175471	20.00	UG/ML	97
32)	Hexachlorocyclopentadiene	17.68	237.0	31971	17.96	UG/ML	99
33)	2,4,6-Trichlorophenol	18.00	196.0	76097	24.95	UG/ML	94
34)	2,4,5-Trichlorophenol	18.10	196.0	77509	25.16	UG/ML	94
35)	2-Chloronaphthalene	18.65	162.0	203949	22.12	UG/ML	96
36)	2-Fluorobiphenyl	18.24	172.0	224154	24.59	UG/ML	95
37)	2-Nitroaniline	18.86	65.0	91226	25.59	UG/ML	81
38)	Dimethylphthalate	19.27	163.0	260673	25.08	UG/ML	99
39)	Acenaphthylene	19.79	152.0	321623	24.43	UG/ML	95
40)	2,6-Dinitrotoluene	19.47	165.0	70074	25.73	UG/ML	97
41)	3-Nitroaniline	19.97	138.0	39974	24.85	UG/ML	93
42)	Acenaphthene	20.26	153.0	219999	24.62	UG/ML	95
43)	2,4-Dinitrophenol	20.23	184.0	13958M	18.71	UG/ML	

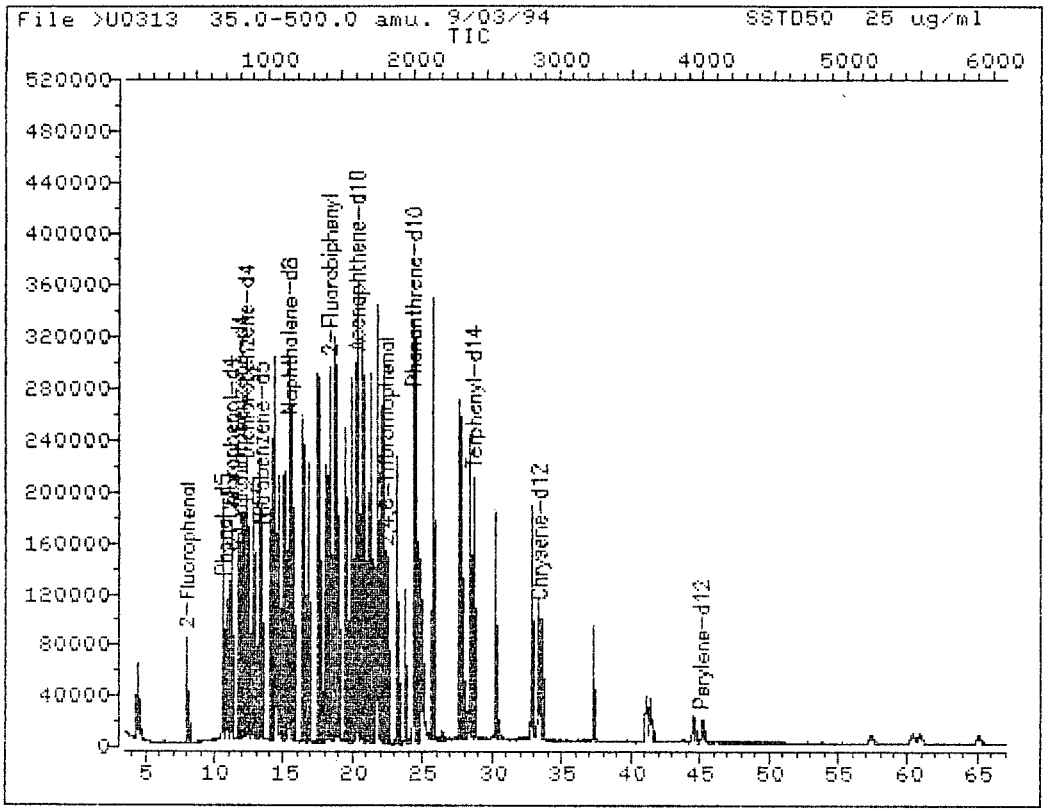
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 13:55
Output File: ^U0313::D1 Injected at: 940905 23:33
Data File: >U0313::A0 Dilution Factor: 1.00000
Name: 9/03/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/ml BTL#14

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.30	109.0	22872M	22.76	UG/ML	
45)	Dibenzofuran	20.72	168.0	315660	25.32	UG/ML	89
46)	2,4-Dinitrotoluene	20.58	165.0	84058	24.40	UG/ML	73
47)	Diethylphthalate	21.15	149.0	271385	24.91	UG/ML	94
48)	4-Chlorophenyl-phenylether	21.58	204.0	118947	25.53	UG/ML	76
49)	Fluorene	21.66	166.0	238047	24.75	UG/ML	99
50)	4-Nitroaniline	21.65	138.0	43314	25.61	UG/ML	63
51)	*Phenanthrene-d10	24.24	188.0	257311	20.00	UG/ML	97
52)	4,6-Dinitro-2-methylphenol	21.68	198.0	25575	20.74	UG/ML	90
53)	N-Nitrosodiphenylamine	21.88	169.0	166967	24.27	UG/ML	97
54)	2,4,6-Tribromophenol	22.30	330.0	48536	25.68	UG/ML	98
55)	4-Bromophenyl-phenylether	22.92	248.0	74052	25.79	UG/ML	83
56)	Hexachlorobenzene	23.16	284.0	87150	25.98	UG/ML	88
57)	Pentachlorophenol	23.65	266.0	46020	24.03	UG/ML	98
58)	Phenanthrene	24.30	178.0	349649	24.67	UG/ML	98
59)	Anthracene	24.45	178.0	338249	24.44	UG/ML	98
60)	Carbozole	24.82	167.0	328312	24.52	UG/ML	95
61)	Di-n-butylphthalate	25.53	149.0	478266	24.80	UG/ML	96
62)	Fluoranthene	27.55	202.0	323210	24.48	UG/ML	92
63)	*Chrysene-d12	33.26	240.0	131988	20.00	UG/ML	93
64)	Pyrene	28.27	202.0	316196	26.85	UG/ML	93
65)	Terphenyl-d14	28.56	244.0	197001	27.52	UG/ML	91
66)	Butylbenzylphthalate	30.15	149.0	154227	25.83	UG/ML	97
67)	3,3'-Dichlorobenzidine	32.87	252.0	19342	21.82	UG/ML	97
68)	Benzo(a)anthracene	33.19	228.0	175496	23.38	UG/ML	97
69)	Chrysene	33.40	228.0	155675	25.27	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.74	149.0	207187	28.17	UG/ML	97
71)	*Perylene-d12	45.07	264.0	63002	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.19	149.0	274519	29.90	UG/ML	100
73)	Benzo(b)fluoranthene	41.11	252.0	108024	26.59	UG/ML	92
74)	Benzo(k)fluoranthene	41.37	252.0	105294M	26.18	UG/ML	92
75)	Benzo(a)pyrene	44.48	252.0	79196	25.10	UG/ML	93
76)	Indeno(1,2,3-cd)pyrene	60.26	276.0	47253	25.31	UG/ML	79
77)	Dibenz(a,h)anthracene	60.78	278.0	45092	25.32	UG/ML	86
78)	Benzo(g,h,i)perylene	65.06	276.0	42710	25.18	UG/ML	78

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0313::A0
Name: 9/03/94
Misc: SSTD50 25 ug/ml

Quant Output File: ^U0313::D1
Instrument ID: MACH-2
BTL#14

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07

Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 13:55
Injected at: 940905 23:33

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/08/94 Time: 1315

Lab File ID: >U0801 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Phenol	1.544	1.505	0.800	2.6	25.0
bis(2-Chloroethyl)ether	1.263	1.234	0.700	2.3	25.0
2-Chlorophenol	1.132	1.142	0.800	-0.9	25.0
1,3-Dichlorobenzene	1.281	1.287	0.600	-0.5	25.0
1,4-Dichlorobenzene	1.279	1.287	0.500	-0.6	25.0
1,2-Dichlorobenzene	1.174	1.204	0.400	-2.5	25.0
2-Methylphenol	1.099	1.069	0.700	2.8	25.0
2,2'-oxybis(1-Chloropropane)	2.049	2.186		-6.7	
4-Methylphenol	1.245	1.160	0.600	6.8	25.0
N-Nitroso-di-n-propylamine	1.055	1.012	0.500	4.0	25.0
Hexachloroethane	0.903	0.985	0.300	-9.1	25.0
Nitrobenzene	0.365	0.378	0.200	-3.5	25.0
Isophorone	0.712	0.714	0.400	-0.3	25.0
2-Nitrophenol	0.216	0.176	0.100	18.5	25.0
2,4-Dimethylphenol	0.270	0.287	0.200	-6.0	25.0
bis(2-Chloroethoxy)methane	0.437	0.463	0.300	-6.0	25.0
2,4-Dichlorophenol	0.260	0.285	0.200	-9.7	25.0
1,2,4-Trichlorobenzene	0.266	0.315	0.200	-18.1	25.0
Naphthalene	0.842	0.890	0.700	-5.7	25.0
4-Chloroaniline	0.230	0.303		-31.7	
Hexachlorobutadiene	0.147	0.202		-37.4	
4-Chloro-3-methylphenol	0.311	0.314	0.200	-0.8	25.0
2-Methylnaphthalene	0.530	0.561	0.400	-5.7	25.0
Hexachlorocyclopentadiene	0.195	0.350		-79.9	
2,4,6-Trichlorophenol	0.320	0.374	0.200	-16.8	25.0
2,4,5-Trichlorophenol	0.325	0.385	0.200	-18.6	25.0
2-Chloronaphthalene	0.968	0.945	0.800	2.4	25.0
2-Nitroaniline	0.399	0.370		7.1	
Dimethylphthalate	1.114	1.114		0.0	
Acenaphthylene	1.375	1.403	1.300	-2.1	25.0
2,6-Dinitrotoluene	0.296	0.285	0.200	3.8	25.0
3-Nitroaniline	0.147	0.167		-13.3	
Acenaphthene	0.901	0.956	0.800	-6.2	25.0
2,4-Dinitrophenol	0.088	0.136		-54.3	
4-Nitrophenol	0.110	0.089		18.7	
Dibenzofuran	1.307	1.364	0.800	-4.3	25.0
2,4-Dinitrotoluene	0.337	0.323	0.200	4.1	25.0

All other compounds must meet a minimum RRF of 0.010.

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/08/94 Time: 1315

Lab File ID: >U0801 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Diethylphthalate	1.147	1.211		-5.6	
4-chlorophenyl-phenylether	0.481	0.572	0.400	-18.9	25.0
Fluorene	0.950	1.027	0.900	-8.1	25.0
4-Nitroaniline	0.182	0.154		15.5	
4,6-Dinitro-2-methylphenol	0.097	0.134		-38.0	
N-Nitrosodiphenylamine (1)	0.457	0.481		-5.2	
4-Bromophenyl-phenylether	0.207	0.264	0.100	-27.7	25.0
Hexachlorobenzene	0.243	0.312	0.100	-28.5	25.0
Pentachlorophenol	0.141	0.160	0.050	-13.3	25.0
Phenanthrene	1.005	1.006	0.700	-0.1	25.0
Anthracene	0.979	0.982	0.700	-0.3	25.0
Carbazole	0.954	0.432		54.8	
Di-n-butylphthalate	1.336	1.319		1.3	
Fluoranthene	0.959	0.996	0.600	-3.9	25.0
Pyrene	1.690	1.384	0.600	18.1	25.0
Butylbenzylphthalate	0.882	0.632		28.3	
3,3'-Dichlorobenzidine	0.134	0.204		-52.4	
Benzo(a)anthracene	1.080	1.032	0.800	4.4	25.0
Chrysene	0.939	0.867	0.700	7.7	25.0
bis(2-Ethylhexyl)phthalate	1.128	0.893		20.8	
Di-n-octylphthalate	2.877	1.497		48.0	
Benzo(b)fluoranthene	1.270	0.996	0.700	21.6	25.0
Benzo(k)fluoranthene	1.229	1.007	0.700	18.1	25.0
Benzo(a)pyrene	0.981	0.859	0.700	12.4	25.0
Indeno(1,2,3-cd)pyrene	0.596	0.735	0.500	-23.3	25.0
Dibenz(a,h)anthracene	0.571	0.667	0.400	-16.7	25.0
Benzo(g,h,i)perylene	0.543	0.744	0.500	-36.9	25.0
Nitrobenzene-d5	0.353	0.362	0.200	-2.6	25.0
2-Fluorobiphenyl	0.910	1.073	0.700	-17.9	25.0
Terphenyl-d14	1.034	0.928	0.500	10.2	25.0
Phenol-d5	1.498	1.433	0.800	4.4	25.0
2-Fluorophenol	1.095	1.026	0.600	6.4	25.0
2,4,6-Tribromophenol	0.141	0.181		-28.3	
2-Chlorophenol-d4	1.219	1.158	0.800	5.0	25.0
1,2-Dichlorobenzene-d4	0.892	0.933	0.400	-4.6	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY
Output File: ^U0801::D1
Data File: >U0801::A1
Date: 9/08/94
Misc: SSTD50 25 UG/ML

Quant Rev: 7
Quant Time: 940908 14:23
Injected at: 940908 13:15
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 2

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940906 12:44

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.77	152.0	38030	20.00	UG/ML	69
2)	2-Fluorophenol	7.99	112.0	48750	23.64	UG/ML	89
3)	Phenol-d5	10.55	99.0	68104	23.34	UG/ML	86
4)	2-Chlorophenol-d4	11.12	132.0	55070	22.27	UG/ML	95
5)	1,2-Dichlorobenzene-d4	12.21	152.0	44374	23.80	UG/ML	61
6)	Phenol	10.61	94.0	71541	23.17	UG/ML	71
7)	bis(2-Chloroethyl)ether	10.95	93.0	58684	23.82	UG/ML	92
8)	2-Chlorophenol	11.17	128.0	54265	23.82	UG/ML	60
9)	1,3-Dichlorobenzene	11.62	146.0	61189	23.75	UG/ML	96
10)	1,4-Dichlorobenzene	11.81	146.0	61168	23.66	UG/ML	97
11)	1,2-Dichlorobenzene	12.26	146.0	57224	23.46	UG/ML	97
12)	2-Methylphenol	12.32	108.0	50823	23.62	UG/ML	99
13)	2,2'-oxybis(1-Chloropropane)	12.45	45.0	103910	24.98	UG/ML	95
14)	4-Methylphenol	12.74	108.0	55136	22.73	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.82	70.0	48125	22.99	UG/ML	87
16)	Hexachloroethane	13.22	117.0	46847	31.90	UG/ML	71
17)	*Naphthalene-d8	15.34	136.0	140490	20.00	UG/ML	96
18)	Nitrobenzene-d5	13.31	82.0	63507	24.75	UG/ML	54
19)	Nitrobenzene	13.36	77.0	66332	24.87	UG/ML	94
20)	Isophorone	14.01	82.0	125394	24.14	UG/ML	82
21)	2-Nitrophenol	14.24	139.0	30874	25.41	UG/ML	86
22)	2,4-Dimethylphenol	14.25	107.0	50331	25.99	UG/ML	93
23)	bis(2-Chloroethoxy)methane	14.53	93.0	81277	24.64	UG/ML	97
24)	2,4-Dichlorophenol	14.88	162.0	49994	24.66	UG/ML	92
25)	1,2,4-Trichlorobenzene	15.15	180.0	55572	26.30	UG/ML	93
26)	Naphthalene	15.40	128.0	156298	24.22	UG/ML	97
27)	4-Chloroaniline	15.49	127.0	53181	31.38	UG/ML	95
28)	Hexachlorobutadiene	15.67	225.0	35447	29.66	UG/ML	98
29)	4-Chloro-3-methylphenol	16.72	107.0	55097	23.60	UG/ML	98
30)	2-Methylnaphthalene	17.31	142.0	98479	23.60	UG/ML	94
31)	*Acenaphthene-d10	20.19	164.0	85051	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.70	237.0	37241	737.49	UG/ML	97
33)	2,4,6-Trichlorophenol	18.02	196.0	39774	27.49	UG/ML	95
34)	2,4,5-Trichlorophenol	18.13	196.0	40958	27.69	UG/ML	93
35)	2-Chloronaphthalene	18.66	162.0	100497	25.76	UG/ML	98
36)	2-Fluorobiphenyl	18.25	172.0	114075	26.17	UG/ML	94
37)	2-Nitroaniline	18.88	65.0	39357	24.31	UG/ML	84
38)	Dimethylphthalate	19.29	163.0	118440	23.41	UG/ML	99
39)	Acenaphthylene	19.82	152.0	149191	24.41	UG/ML	95
40)	2,6-Dinitrotoluene	19.49	165.0	30288	23.11	UG/ML	95
41)	3-Nitroaniline	19.99	138.0	17721	28.22	UG/ML	88
42)	Acenaphthene	20.28	153.0	101669	23.89	UG/ML	94
43)	2,4-Dinitrophenol	20.25	184.0	14466M	129.49	UG/ML	

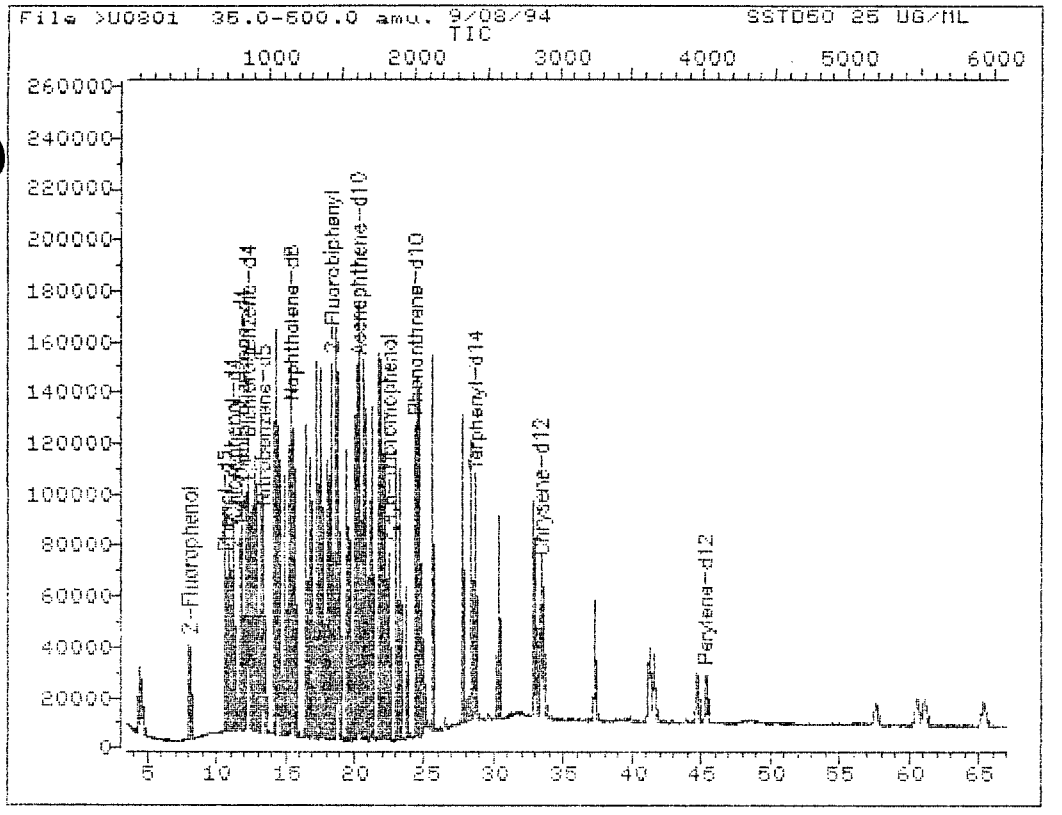
Operator ID: ANDY Quant Rev: 7 Quant Time: 940908 14:23
Output File: ^U0801::D1 Injected at: 940908 13:15
Data File: >U0801::A1 Dilution Factor: 1.00000
Name: 9/08/94 Instrument ID: MACH-2
Misc: SSTD50 25 UG/ML BTL# 2

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940906 12:44

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.32	109.0	9513M	24.30	UG/ML	
45)	Dibenzofuran	20.74	168.0	145008	24.33	UG/ML	87
46)	2,4-Dinitrotoluene	20.60	165.0	34360	23.07	UG/ML	69
47)	Diethylphthalate	21.17	149.0	128747	24.76	UG/ML	95
48)	4-Chlorophenyl-phenylether	21.60	204.0	60794	26.84	UG/ML	71
49)	Fluorene	21.68	166.0	109173	23.92	UG/ML	98
50)	4-Nitroaniline	21.66	138.0	16380	28.41	UG/ML	66
51)	*Phenanthrene-d10	24.27	188.0	119205	20.00	UG/ML	98
52)	4,6-Dinitro-2-methylphenol	21.71	198.0	19892	68.92	UG/ML	83
53)	N-Nitrosodiphenylamine	21.90	169.0	71720	24.77	UG/ML	96
54)	2,4,6-Tribromophenol	22.33	330.0	26925	29.11	UG/ML	93
55)	4-Bromophenyl-phenylether	22.94	248.0	39408	27.51	UG/ML	80
56)	Hexachlorobenzene	23.18	284.0	46521	28.04	UG/ML	80
57)	Pentachlorophenol	23.67	266.0	23848	27.45	UG/ML	98
58)	Phenanthrene	24.33	178.0	149949	23.39	UG/ML	98
59)	Anthracene	24.47	178.0	146303	23.77	UG/ML	98
60)	Carbozole	24.84	167.0	64332	11.64	UG/ML	94
61)	Di-n-butylphthalate	25.55	149.0	196518	21.24	UG/ML	95
62)	Fluoranthene	27.58	202.0	148370	28.77	UG/ML	89
63)	*Chrysene-d12	33.31	240.0	85688	20.00	UG/ML	96
64)	Pyrene	28.30	202.0	148205	13.50	UG/ML	97
65)	Terphenyl-d14	28.58	244.0	99419	12.86	UG/ML	84
66)	Butylbenzylphthalate	30.19	149.0	67737	10.65	UG/ML	91
67)	3,3'-Dichlorobenzidine	32.91	252.0	21864	50.61	UG/ML	99
68)	Benzo(a)anthracene	33.25	228.0	110540	22.88	UG/ML	98
69)	Chrysene	33.47	228.0	92812	23.02	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.79	149.0	95685	10.33	UG/ML	99
71)	*Perylene-d12	45.22	264.0	74676	20.00	UG/ML	93
72)	Di-n-octylphthalate	37.25	149.0	139736	4.63	UG/ML	100
73)	Benzo(b)fluoranthene	41.22	252.0	92970	16.73	UG/ML	95
74)	Benzo(k)fluoranthene	41.49	252.0	94031M	17.14	UG/ML	95
75)	Benzo(a)pyrene	44.60	252.0	80207	20.81	UG/ML	98
76)	Indeno(1,2,3-cd)pyrene	60.55	276.0	68616	30.79	UG/ML	85
77)	Dibenz(a,h)anthracene	61.05	278.0	62217	29.13	UG/ML	90
78)	Benzo(g,h,i)perylene	65.37	276.0	69434	34.20	UG/ML	84

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0801::A1 Quant Output File: ^U0801::D1
Name: 9/08/94 Instrument ID: MACH-2
Misc: SSTD50 25 UG/ML BTL# 2

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940906 12:44

Operator ID: ANDY
Quant Time : 940908 14:23
Injected at: 940908 13:15

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: New England Testing Lab Contract: G&HRIFS

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Instrument ID: MACH2 Calibration Date: 09/09/94 Time: 1651

Lab File ID: >U0901 Init. Calib. Date(s): 09/05/94 09/05/94

Init. Calib. Times: 1150 1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Benzo(a)anthracene	1.080	1.048	0.800	3.0	25.0
Chrysene	0.939	0.877	0.700	6.6	25.0
Benzo(b)fluoranthene	1.270	0.984	0.700	22.5	25.0
Benzo(k)fluoranthene	1.229	0.935	0.700	23.9	25.0
Benzo(a)pyrene	0.981	0.842	0.700	14.2	25.0
Indeno(1,2,3-cd)pyrene	0.596	0.803	0.500	-34.7	25.0
Dibenz(a,h)anthracene	0.571	0.697	0.400	-21.9	25.0
Nitrobenzene-d5	0.353	0.372	0.200	-5.6	25.0
2-Fluorobiphenyl	0.910	1.087	0.700	-19.4	25.0
Terphenyl-d14	1.034	1.039	0.500	-0.4	25.0
2-Dichlorobenzene-d4	0.892	0.982	0.400	-10.0	25.0

All other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY
Output File: ^U0901::D1
Data File: >U0901::A2
Date: 9/09/94
Misc: SSTD50 25 UG/ML

Quant Rev: 7
Quant Time: 940909 17:59
Injected at: 940909 16:51
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940908 13:15

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.71	152.0	37484	20.00	UG/ML	68
2)	2-Fluorophenol	7.93	112.0	49552	25.78	UG/ML	90
3)	Phenol-d5	10.52	99.0	69794	25.99	UG/ML	86
4)	2-Chlorophenol-d4	11.07	132.0	57337	26.41	UG/ML	96
5)	1,2-Dichlorobenzene-d4	12.16	152.0	46008	26.30	UG/ML	57
6)	Phenol	10.56	94.0	74200	26.31	UG/ML	69
7)	bis(2-Chloroethyl)ether	10.89	93.0	59679	25.79	UG/ML	93
8)	2-Chlorophenol	11.12	128.0	54839	25.63	UG/ML	61
9)	1,3-Dichlorobenzene	11.57	146.0	62079	25.73	UG/ML	98
10)	1,4-Dichlorobenzene	11.76	146.0	61983	25.70	UG/ML	98
11)	1,2-Dichlorobenzene	12.20	146.0	58425	25.90	UG/ML	95
12)	2-Methylphenol	12.29	108.0	51253	25.58	UG/ML	99
13)	2,2'-oxybis(1-Chloropropane)	12.40	45.0	102542	25.03	UG/ML	95
14)	4-Methylphenol	12.70	108.0	54868	25.24	UG/ML	99
15)	N-Nitroso-Di-n-propylamine	12.77	70.0	48289	25.45	UG/ML	86
16)	Hexachloroethane	13.17	117.0	47816	25.89	UG/ML	77
17)	*Naphthalene-d8	15.29	136.0	138130	20.00	UG/ML	96
18)	Nitrobenzene-d5	13.26	82.0	64290	25.74	UG/ML	56
19)	Nitrobenzene	13.32	77.0	67403	25.84	UG/ML	98
20)	Isophorone	13.95	82.0	123040	24.95	UG/ML	82
21)	2-Nitrophenol	14.19	139.0	30350	25.00	UG/ML	95
22)	2,4-Dimethylphenol	14.21	107.0	50715	25.62	UG/ML	93
23)	bis(2-Chloroethoxy)methane	14.48	93.0	81989	25.65	UG/ML	97
24)	2,4-Dichlorophenol	14.84	162.0	47769	24.30	UG/ML	94
25)	1,2,4-Trichlorobenzene	15.10	180.0	53758	24.60	UG/ML	91
26)	Naphthalene	15.36	128.0	154818	25.19	UG/ML	97
27)	4-Chloroaniline	15.44	127.0	49597	23.71	UG/ML	98
28)	Hexachlorobutadiene	15.64	225.0	33747	24.21	UG/ML	99
29)	4-Chloro-3-methylphenol	16.69	107.0	52124	24.06	UG/ML	95
30)	2-Methylnaphthalene	17.26	142.0	96406	24.89	UG/ML	95
31)	*Acenaphthene-d10	20.14	164.0	79633	20.00	UG/ML	97
32)	Hexachlorocyclopentadiene	17.65	237.0	28881	20.71	UG/ML	97
33)	2,4,6-Trichlorophenol	17.98	196.0	35234	23.65	UG/ML	92
34)	2,4,5-Trichlorophenol	18.09	196.0	34767	22.66	UG/ML	94
35)	2-Chloronaphthalene	18.61	162.0	95580	25.39	UG/ML	98
36)	2-Fluorobiphenyl	18.21	172.0	108175	25.32	UG/ML	95
37)	2-Nitroaniline	18.83	65.0	36184	24.55	UG/ML	76
38)	Dimethylphthalate	19.24	163.0	112330	25.32	UG/ML	99
39)	Acenaphthylene	19.77	152.0	139517	24.97	UG/ML	95
40)	2,6-Dinitrotoluene	19.45	165.0	28252	24.91	UG/ML	93
41)	3-Nitroaniline	19.94	138.0	13971	21.05	UG/ML	92
42)	Acenaphthene	20.24	153.0	99581	26.15	UG/ML	94
43)	2,4-Dinitrophenol	20.22	184.0	7643M	14.11	UG/ML	

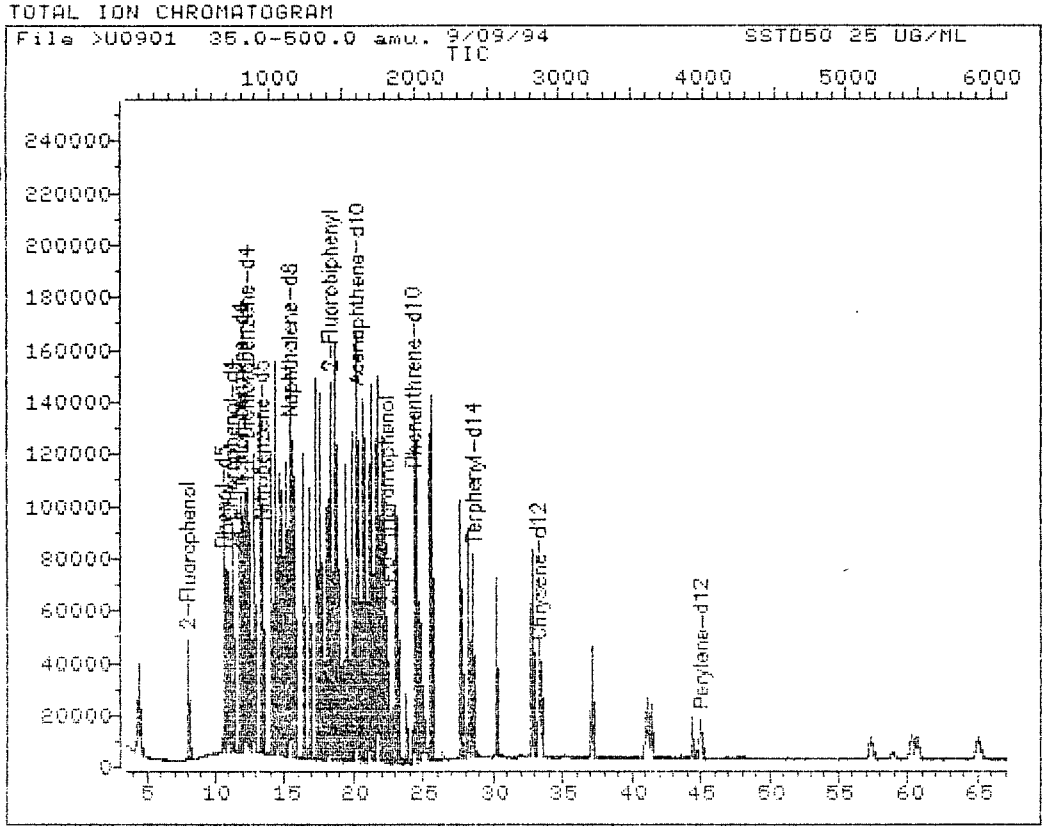
Operator ID: ANDY Quant Rev: 7 Quant Time: 940909 17:59
Output File: ^U0901::D1 Injected at: 940909 16:51
Data File: >U0901::A2 Dilution Factor: 1.00000
Date: 9/09/94 Instrument ID: MACH-2
Misc: SSTD50 25 UG/ML BTL# 3

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940908 13:15

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	20.29	109.0	5927M	16.64	UG/ML	
45)	Dibenzofuran	20.70	168.0	134690	24.80	UG/ML	87
46)	2,4-Dinitrotoluene	20.55	165.0	31714	24.64	UG/ML	70
47)	Diethylphthalate	21.12	149.0	136451	28.30	UG/ML	95
48)	4-Chlorophenyl-phenylether	21.55	204.0	55692	24.46	UG/ML	72
49)	Fluorene	21.63	166.0	102929	25.17	UG/ML	98
50)	4-Nitroaniline	21.62	138.0	12976	21.15	UG/ML	63
51)	*Phenanthrene-d10	24.20	188.0	104311	20.00	UG/ML	98
52)	4,6-Dinitro-2-methylphenol	21.66	198.0	13312	19.12	UG/ML	89
53)	N-Nitrosodiphenylamine	21.85	169.0	67472	26.88	UG/ML	96
54)	2,4,6-Tribromophenol	22.28	330.0	20378	21.62	UG/ML	96
55)	4-Bromophenyl-phenylether	22.88	248.0	34076	24.70	UG/ML	79
56)	Hexachlorobenzene	23.12	284.0	40356	24.78	UG/ML	80
57)	Pentachlorophenol	23.62	266.0	11670M	13.98	UG/ML	99
58)	Phenanthrene	24.28	178.0	135070	25.73	UG/ML	98
59)	Anthracene	24.41	178.0	129401	25.27	UG/ML	98
60)	Carbozole	24.79	167.0	50921	22.61	UG/ML	94
61)	Di-n-butylphthalate	25.50	149.0	186504	27.11	UG/ML	95
62)	Fluoranthene	27.52	202.0	116294	22.39	UG/ML	91
63)	*Chrysene-d12	33.19	240.0	56923	20.00	UG/ML	94
64)	Pyrene	28.24	202.0	113431	28.80	UG/ML	93
65)	Terphenyl-d14	28.51	244.0	73899	27.97	UG/ML	89
66)	Butylbenzylphthalate	30.09	149.0	59216	32.90	UG/ML	91
67)	3,3'-Dichlorobenzidine	32.79	252.0	13299	22.89	UG/ML	98
68)	Benzo(a)anthracene	33.12	228.0	74548	25.38	UG/ML	98
69)	Chrysene	33.34	228.0	62391	25.30	UG/ML	94
70)	bis(2-Ethylhexyl)phthalate	32.65	149.0	89701	35.28	UG/ML	99
71)	*Perylene-d12	44.96	264.0	57042M	20.00	UG/ML	94
72)	Di-n-octylphthalate	37.06	149.0	123994	29.04	UG/ML	100
73)	Benzo(b)fluoranthene	41.01	252.0	70169	24.70	UG/ML	92
74)	Benzo(k)fluoranthene	41.27	252.0	66674M	23.21	UG/ML	95
75)	Benzo(a)pyrene	44.35	252.0	60027	24.49	UG/ML	97
76)	Indeno(1,2,3-cd)pyrene	60.12	276.0	57255	27.31	UG/ML	82
77)	Dibenz(a,h)anthracene	60.61	278.0	49664M	26.13	UG/ML	88
78)	Benzo(g,h,i)perylene	64.93	276.0	55740M	26.27	UG/ML	82

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0901::A2 Quant Output File: ^U0901::D1
Name: 9/09/94 Instrument ID: MACH-2
Misc: SSTD50 25 UG/ML BTL# 3

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940908 13:15

Operator ID: ANDY
Quant Time : 940909 17:59
Injected at: 940909 16:51

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	New England Testing Lab		Contract:	G&HRIFS	
Lab Code:	RI010	Case No.:	SAS No.:		SDG No.: NETL18-1
Instrument ID:	MACH2	Calibration Date:	09/13/94		Time: 1723
Lab File ID:	>U1301	Init. Calib. Date(s):	09/05/94		09/05/94
		Init. Calib. Times:	1150		1641

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Benzo(a)anthracene	1.080	1.151	0.800	-6.6	25.0
Chrysene	0.939	1.016	0.700	-8.2	25.0
Benzo(b)fluoranthene	1.270	1.229	0.700	3.2	25.0
Benzo(k)fluoranthene	1.229	1.155	0.700	6.0	25.0
Benzo(a)pyrene	0.981	1.009	0.700	-2.8	25.0
Indeno(1,2,3-cd)pyrene	0.596	0.752	0.500	-26.2	25.0
Dibenz(a,h)anthracene	0.571	0.710	0.400	-24.3	25.0
Nitrobenzene-d5	0.353	0.397	0.200	-12.7	25.0
2-Fluorobiphenyl	0.910	1.182	0.700	-29.8	25.0
Terphenyl-d14	1.034	1.063	0.500	-2.8	25.0
2-Dichlorobenzene-d4	0.892	0.874	0.400	2.1	25.0

All other compounds must meet a minimum RRF of 0.010.

Operator ID: ANDY
Output File: ^U1301::D1
Data File: >U1301::A5
Name: 9/13/94
Misc: SSTD50 25 ug/ml

Quant Rev: 7
Quant Time: 940913 19:08
Injected at: 940913 17:23
Dilution Factor: 1.00000
Instrument ID: MACH-2
BTL# 2

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07
Last Qcal Time: 940909 16:51

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.20	152.0	19371	20.00	UG/ML	65
2)	2-Fluorophenol	7.36	112.0	28539	27.86	UG/ML	98
3)	Phenol-d5	10.00	99.0	39077	27.09	UG/ML	86
4)	2-Chlorophenol-d4	10.55	132.0	30678	25.88	UG/ML	97
5)	1,2-Dichlorobenzene-d4	11.65	152.0	21166	22.26	UG/ML	58
6)	Phenol	10.04	94.0	42654	27.81	UG/ML	72
7)	bis(2-Chloroethyl)ether	10.39	93.0	35084	28.44	UG/ML	85
8)	2-Chlorophenol	10.59	128.0	31954	28.19	UG/ML	64
9)	1,3-Dichlorobenzene	11.06	146.0	34837	27.15	UG/ML	97
10)	1,4-Dichlorobenzene	11.25	146.0	34943	27.27	UG/ML	98
11)	1,2-Dichlorobenzene	11.69	146.0	33623	27.84	UG/ML	97
12)	2-Methylphenol	11.78	108.0	31167	29.42	UG/ML	97
13)	2,2'-oxybis(1-Chloropropane)	11.92	45.0	55797	26.32	UG/ML	96
14)	4-Methylphenol	12.21	108.0	34339	30.28	UG/ML	98
15)	N-Nitroso-Di-n-propylamine	12.29	70.0	26779	26.83	UG/ML	88
16)	Hexachloroethane	12.67	117.0	26256	26.56	UG/ML	88
17)	*Naphthalene-d8	14.79	136.0	72390	20.00	UG/ML	99
18)	Nitrobenzene-d5	12.75	82.0	35945	26.67	UG/ML	50
19)	Nitrobenzene	12.81	77.0	39053	27.64	UG/ML	94
20)	Isophorone	13.46	82.0	71208	27.61	UG/ML	82
21)	2-Nitrophenol	13.69	139.0	22295	35.04	UG/ML	94
22)	2,4-Dimethylphenol	13.72	107.0	30396	28.59	UG/ML	95
23)	bis(2-Chloroethoxy)methane	14.01	93.0	46062	26.80	UG/ML	97
24)	2,4-Dichlorophenol	14.33	162.0	27218	27.18	UG/ML	93
25)	1,2,4-Trichlorobenzene	14.60	180.0	28322	25.13	UG/ML	92
26)	Naphthalene	14.85	128.0	88543	27.28	UG/ML	98
27)	4-Chloroaniline	14.95	127.0	7056	6.79	UG/ML	92
28)	Hexachlorobutadiene	15.14	225.0	16846	23.81	UG/ML	98
29)	4-Chloro-3-methylphenol	16.19	107.0	32107	29.38	UG/ML	94
30)	2-Methylnaphthalene	16.75	142.0	52972	26.21	UG/ML	94
31)	*Acenaphthene-d10	19.61	164.0	39027	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.16	237.0	17148	30.29	UG/ML	98
33)	2,4,6-Trichlorophenol	17.47	196.0	19839	28.72	UG/ML	94
34)	2,4,5-Trichlorophenol	17.56	196.0	20396	29.93	UG/ML	94
35)	2-Chloronaphthalene	18.09	162.0	51382	27.42	UG/ML	95
36)	2-Fluorobiphenyl	17.71	172.0	57656	27.19	UG/ML	96
37)	2-Nitroaniline	18.32	65.0	22124	31.19	UG/ML	83
38)	Dimethylphthalate	18.75	163.0	60986	27.70	UG/ML	99
39)	Acenaphthylene	19.24	152.0	76981	28.15	UG/ML	95
40)	2,6-Dinitrotoluene	18.93	165.0	16825	30.38	UG/ML	95
41)	3-Nitroaniline	19.68	138.0	214M	.781	UG/ML	
42)	Acenaphthene	19.70	153.0	50717	25.98	UG/ML	93
43)	2,4-Dinitrophenol	19.68	184.0	9189M	61.33	UG/ML	

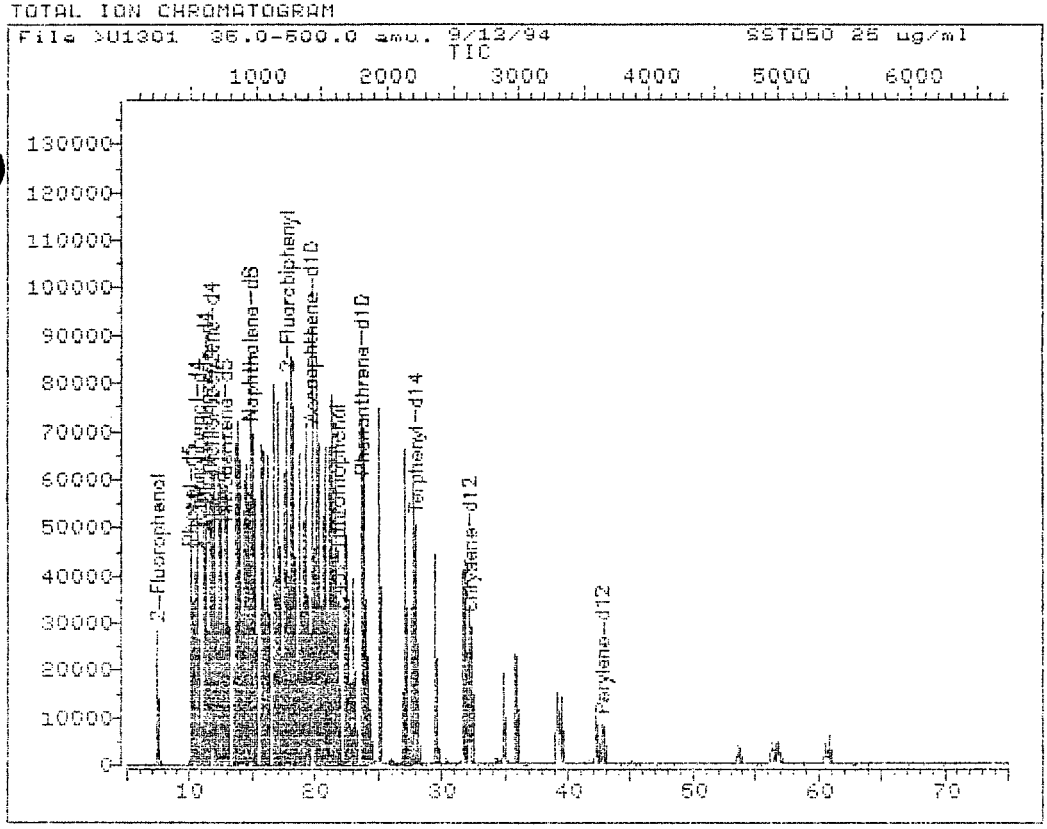
Operator ID: ANDY Quant Rev: 7 Quant Time: 940913 19:08
Output File: ^U1301::D1 Injected at: 940913 17:23
Data File: >U1301::A5 Dilution Factor: 1.00000
Date: 9/13/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/ml BTL# 2

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940909 16:51

	Compound	R.T.	Q ion	Area	Conc	Units	q
44)	4-Nitrophenol	19.74	109.0	6464M	55.63	UG/ML	
45)	Dibenzofuran	20.16	168.0	71881	27.22	UG/ML	90
46)	2,4-Dinitrotoluene	20.02	165.0	17695	28.46	UG/ML	74
47)	Diethylphthalate	20.63	149.0	58902	22.02	UG/ML	93
48)	4-Chlorophenyl-phenylether	21.02	204.0	28481	26.09	UG/ML	75
49)	Fluorene	21.10	166.0	55165	27.34	UG/ML	97
50)	4-Nitroaniline	21.06	138.0	6207	24.40	UG/ML	69
51)	*Phenanthrene-d10	23.66	188.0	57409	20.00	UG/ML	97
52)	4,6-Dinitro-2-methylphenol	21.13	198.0	11893	40.58	UG/ML	87
53)	N-Nitrosodiphenylamine	21.33	169.0	25481	17.15	UG/ML	96
54)	2,4,6-Tribromophenol	21.72	330.0	8914	19.87	UG/ML	98
55)	4-Bromophenyl-phenylether	22.36	248.0	16426	21.90	UG/ML	85
56)	Hexachlorobenzene	22.59	284.0	17251	19.42	UG/ML	89
57)	Pentachlorophenol	23.07	266.0	11751	45.74	UG/ML	99
58)	Phenanthrene	23.72	178.0	74273	24.98	UG/ML	98
59)	Anthracene	23.86	178.0	71311	25.03	UG/ML	99
60)	Carbozole	24.24	167.0	33542	29.92	UG/ML	95
61)	Di-n-butylphthalate	24.99	149.0	94853	23.10	UG/ML	96
62)	Fluoranthene	26.94	202.0	70273	27.45	UG/ML	88
63)	*Chrysene-d12	32.13	240.0	35876	20.00	UG/ML	95
64)	Pyrene	27.59	202.0	72384	25.31	UG/ML	98
65)	Terphenyl-d14	27.88	244.0	47656	25.58	UG/ML	89
66)	Butylbenzylphthalate	29.37	149.0	35855	24.02	UG/ML	93
67)	3,3'-Dichlorobenzidine	31.79	252.0	10829	32.30	UG/ML	97
68)	Benzo(a)anthracene	32.08	228.0	51618	27.47	UG/ML	98
69)	Chrysene	32.27	228.0	45559	28.97	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	31.74	149.0	43866	19.40	UG/ML	98
71)	*Perylene-d12	42.70	264.0	27640	20.00	UG/ML	95
73)	Benzo(b)fluoranthene	39.17	252.0	42465	31.22	UG/ML	92
74)	Benzo(k)fluoranthene	39.41	252.0	39922M	30.89	UG/ML	93
75)	Benzo(a)pyrene	42.18	252.0	34863	29.97	UG/ML	96
76)	Indeno(1,2,3-cd)pyrene	56.25	276.0	25998M	23.43	UG/ML	17
77)	Dibenz(a,h)anthracene	56.69	278.0	24533M	25.49	UG/ML	
78)	Benzo(g,h,i)perylene	60.47	276.0	28823M	26.68	UG/ML	

* Compound is ISTD

TOTAL ION CHROMATOGRAM

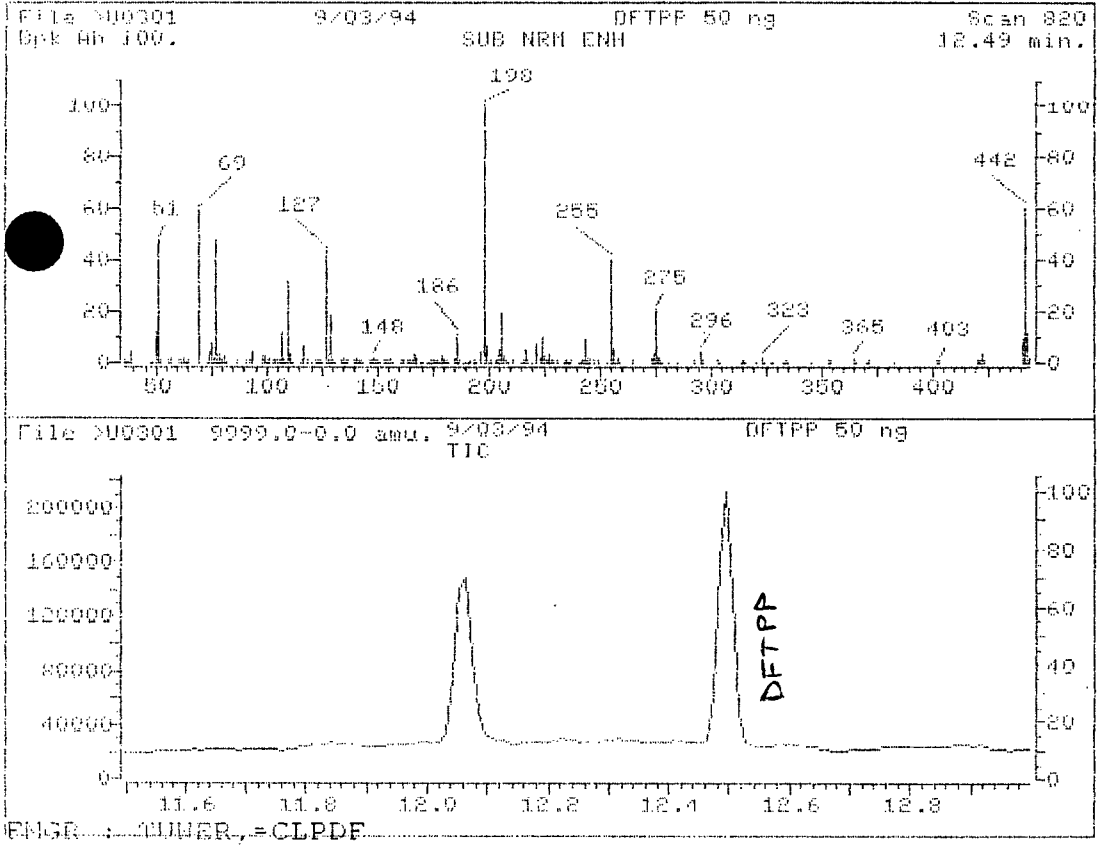


Data File: >U1301::A5 Quant Output File: ^U1301::D1
Name: 9/13/94 Instrument ID: MACH-2
Misc: SSTD50 25 ug/ml BTL# 2

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940909 16:51

Operator ID: ANDY
Quant Time : 940913 19:08
Injected at: 940913 17:23

RAW QC DATA



GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-80% of mass 198	47.38	47.38	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	59.20	59.20	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	25-75% of mass 198	43.14	43.14	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.83	6.83	Ok
275	10-30% of mass 198	20.47	20.47	Ok
365	Greater than 1% of mass 198	1.73	1.73	Ok
441	0-100% of mass 443	8.66	76.75	Ok
442	40-110% of mass 198	60.36	60.36	Ok
443	15-24% of mass 442	11.28	18.69	Ok

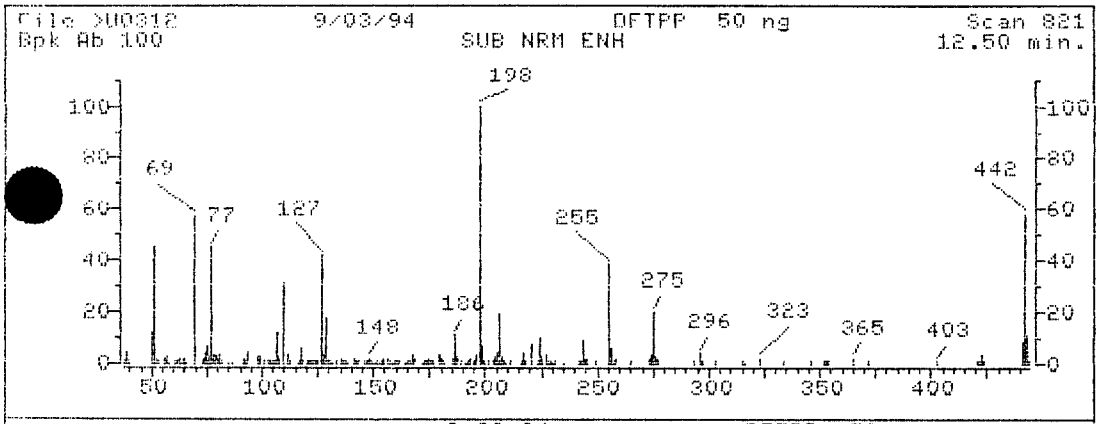
Injection Date: 09/05/94
Injection Time: 11:24
Data File: >U0301
Scan: 820

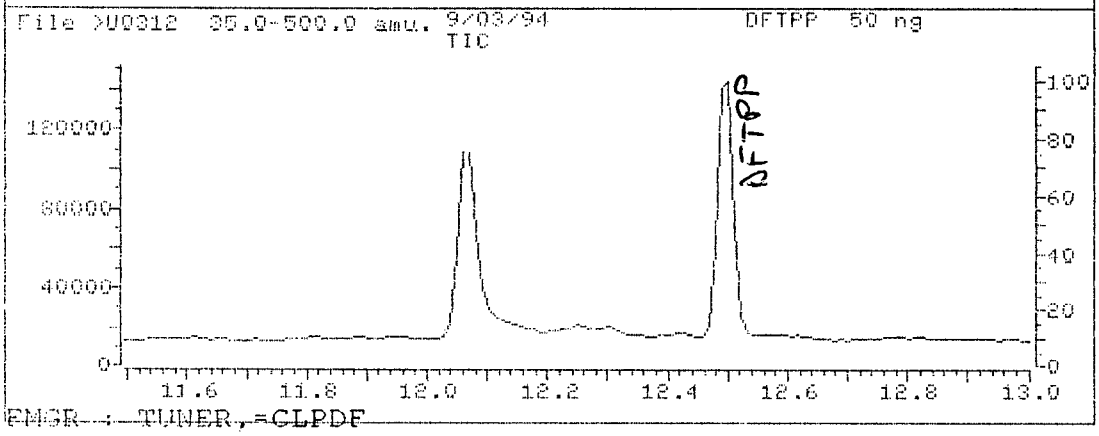
FMGR : NEW

>U0301 9/03/94 DFTPP 50 ng
820 SUB NRM ENH

File: >U0301 Scan #: 820 Retn. time: 12.49

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.00	.531	108.05	1.626	164.10	.242	210.55	.466	277.00	1.299
37.00	.180	109.15	.149	165.10	.493	211.05	.792	278.00	.168
38.00	.839	110.05	31.802	166.10	.369	215.05	.212	281.10	.043
39.10	4.229	111.05	2.769	167.00	3.250	216.05	.311	285.00	.180
47.00	.108	112.05	.198	168.00	1.626	216.95	4.569	293.00	.292
48.00	.011	115.95	.726	169.10	.078	218.05	.544	295.10	.055
50.00	11.839	116.95	6.405	170.00	.072	219.25	.111	296.00	4.078
51.00	47.377	118.05	.402	172.00	.212	221.05	6.953	297.00	.452
52.00	2.513	120.05	.105	173.00	.436	223.05	1.075	303.00	.525
56.00	.950	122.05	.597	174.00	.653	224.05	10.016	304.00	.055
57.00	1.795	123.05	.704	175.10	1.048	225.05	2.622	314.00	.096
61.00	.570	124.05	.244	176.00	.556	226.05	.263	314.90	.404
62.00	.565	125.05	.145	177.00	.944	226.95	3.568	316.00	.186
63.00	1.684	127.05	43.140	178.00	.018	228.05	.516	321.05	.059
64.10	.096	128.05	3.423	179.00	2.469	229.05	.772	323.05	1.619
65.00	1.036	128.95	18.087	180.00	1.695	231.05	.401	324.05	.116
69.00	59.203	129.95	1.424	181.00	.661	233.95	.256	326.95	.189
73.10	.126	131.05	.102	182.00	.090	235.05	.256	328.05	.053
74.00	3.870	133.95	.327	185.00	1.433	235.95	.079	333.05	.125
75.00	7.170	134.95	1.218	186.00	10.940	236.95	.292	334.05	.952
76.00	2.210	135.95	.312	187.00	1.881	240.95	.079	335.05	.196
77.00	47.479	137.05	.417	189.00	.084	242.05	.312	345.95	.204
78.00	2.869	140.05	.359	190.00	.117	242.95	.515	352.95	.239
79.00	2.816	140.95	1.750	191.10	.209	244.05	8.770	354.05	.449
80.00	1.412	142.05	.795	192.00	.586	245.05	1.264	364.95	1.725
81.00	2.315	142.95	.498	193.10	.489	245.95	1.334	365.95	.096
82.00	.224	143.95	.065	194.10	.104	247.05	.228	370.95	.052
87.00	.279	146.00	.320	196.00	3.582	249.05	.405	371.95	.874
91.05	.819	147.00	.714	198.00	100.000	253.05	.134	383.00	.169
92.05	.356	148.00	1.852	199.00	6.830	254.95	40.292	402.00	.250
93.05	4.183	149.10	.219	200.00	.428	255.95	6.014	403.00	.454
98.05	2.493	150.10	.439	201.50	.606	256.95	.352	421.00	.413
99.05	2.257	151.10	.094	203.05	.687	257.95	1.789	422.00	.361
99.95	.344	153.00	.605	204.05	2.530	259.05	.215	423.00	3.446
100.95	1.491	154.00	.224	205.05	4.590	265.00	.733	424.00	.696
102.95	.559	155.10	.895	206.05	19.302	273.00	1.372	441.05	8.656
104.05	1.051	156.00	1.220	207.05	1.980	274.00	3.408	442.05	60.356
105.05	.638	157.10	.137	208.05	.559	275.00	20.467	443.05	11.278
106.15	.262	161.00	.792	209.15	.148	276.00	2.607	444.05	1.106
107.05	11.333	162.00	.317						





FMGR : TUNER,=CLPDF

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

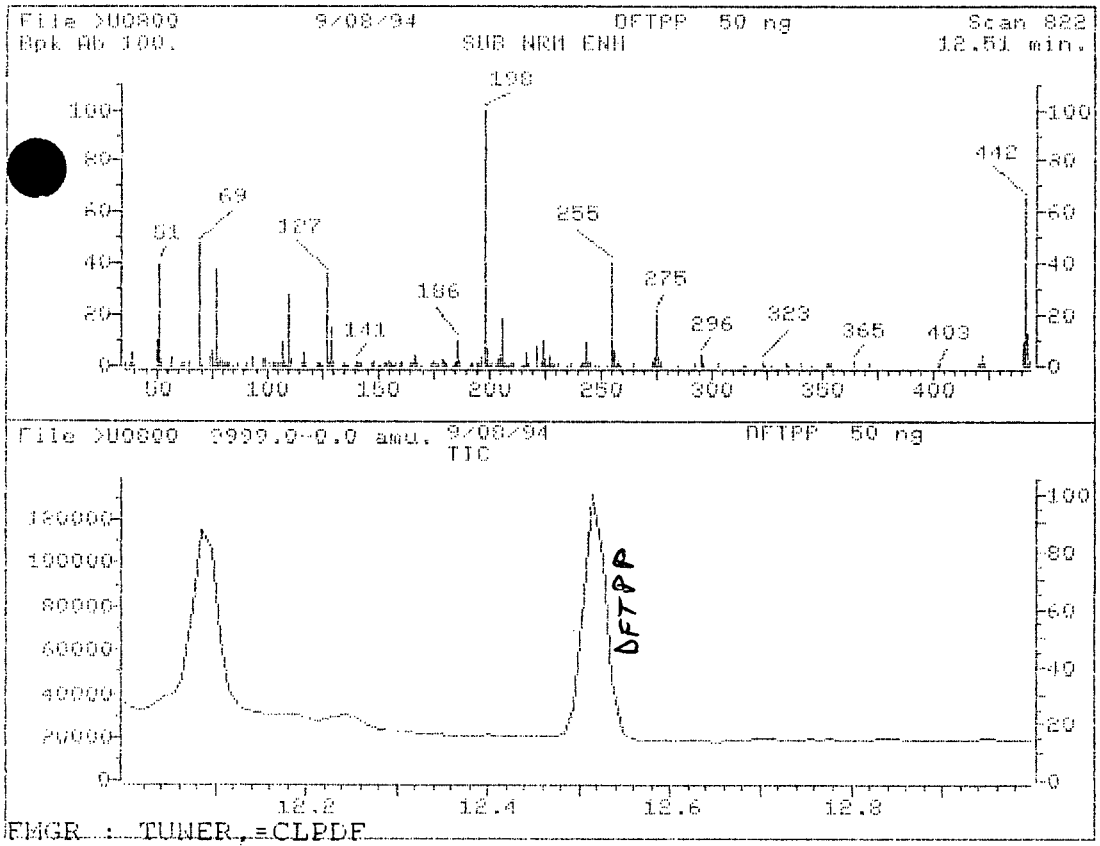
m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-80% of mass 198	44.87	44.87	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	56.99	56.99	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	25-75% of mass 198	41.52	41.52	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.77	6.77	Ok
275	10-30% of mass 198	19.61	19.61	Ok
365	Greater than 1% of mass 198	1.62	1.62	Ok
441	0-100% of mass 443	8.27	75.69	Ok
442	40-110% of mass 198	57.73	57.73	Ok
443	15-24% of mass 442	10.92	18.92	Ok

Injection Date: 09/05/94
Injection Time: 23:07
Data File: >U0312
Scan: 821

>U0312 9/03/94 DFTPP 50 ng
821 SUB NRM ENH

File: >U0312 Scan #: 821 Retn. time: 12.50

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.00	.698	102.95	.585	147.10	.954	192.00	.836	249.05	.294
39.10	4.057	104.05	.909	148.00	1.804	193.00	1.298	254.95	38.347
40.00	.243	105.05	.792	149.10	.247	195.10	.229	255.95	5.377
50.00	11.209	106.15	.634	150.10	.099	196.00	3.569	257.05	.377
51.00	44.871	107.05	11.699	151.10	.164	198.00	100.000	257.95	1.788
52.00	2.253	108.05	2.087	152.10	.288	199.00	6.770	265.10	.553
53.00	.383	110.05	31.024	153.00	.205	200.00	.433	273.00	1.290
56.00	1.193	111.05	3.333	154.10	.449	201.50	.543	274.00	3.165
57.00	2.446	112.05	.277	155.00	1.267	203.05	.557	275.00	19.611
58.00	.188	116.05	.796	156.10	1.389	204.05	2.426	276.00	2.585
61.00	.646	116.95	6.074	157.10	.296	205.05	4.151	277.00	1.166
62.00	.490	117.95	.522	158.00	.168	206.05	18.866	293.00	.225
63.00	1.620	120.05	.249	159.10	.334	207.05	2.211	296.00	3.612
64.00	.069	121.05	.541	160.00	.571	208.05	.437	297.00	.468
65.00	1.148	122.05	.994	161.10	.982	209.05	.012	303.10	.383
66.00	.069	123.05	.777	164.10	.160	211.05	.701	315.00	.387
69.00	56.990	124.05	.988	165.00	.636	216.05	.227	316.00	.190
73.00	1.128	125.15	.369	166.10	.662	217.05	4.282	323.05	1.547
74.00	3.881	127.05	41.524	167.00	3.395	218.05	.510	334.05	.784
75.00	6.831	128.05	3.233	168.10	1.375	221.05	6.934	345.95	.219
76.00	2.067	128.95	17.163	172.00	.217	223.05	1.002	352.05	.427
77.00	44.832	130.05	1.527	173.00	.318	224.05	9.807	353.05	.231
78.00	3.237	131.05	.464	174.00	.520	225.05	2.513	354.05	.464
79.00	2.861	132.05	.099	175.00	1.417	227.05	3.331	364.95	1.620
80.00	1.921	133.05	.010	176.00	.640	228.05	.415	372.05	.729
81.00	2.988	133.95	.567	177.00	.557	229.05	.703	403.00	.472
82.00	.429	135.05	1.174	179.00	2.885	229.95	.065	421.00	.379
85.00	.124	136.05	.528	180.00	1.654	231.05	.296	422.00	.308
87.00	.002	137.05	.393	181.00	1.000	235.05	.204	423.00	3.248
91.05	1.310	138.05	.194	185.00	1.314	242.05	.336	424.00	.587
92.05	.682	140.95	1.747	186.00	10.524	243.05	.534	441.05	8.269
92.95	3.816	141.95	.802	187.00	2.245	244.05	8.607	442.05	57.731
97.95	2.681	142.95	.452	189.00	.508	245.05	1.253	443.05	10.925
99.05	2.104	146.10	.336	191.10	.119	245.95	1.253	444.05	.929
101.05	1.053								



FMGR : TUNER.=CLPDF

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-80% of mass 198	39.49	39.49	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	47.45	47.45	Ok
70	Less than 2% of mass 69	.01	.01	Ok
127	25-75% of mass 198	35.82	35.82	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.65	6.65	Ok
275	10-30% of mass 198	21.56	21.56	Ok
365	Greater than 1% of mass 198	1.51	1.51	Ok
441	0-100% of mass 443	9.18	74.60	Ok
442	40-110% of mass 198	64.97	64.97	Ok
443	15-24% of mass 442	12.30	18.94	Ok

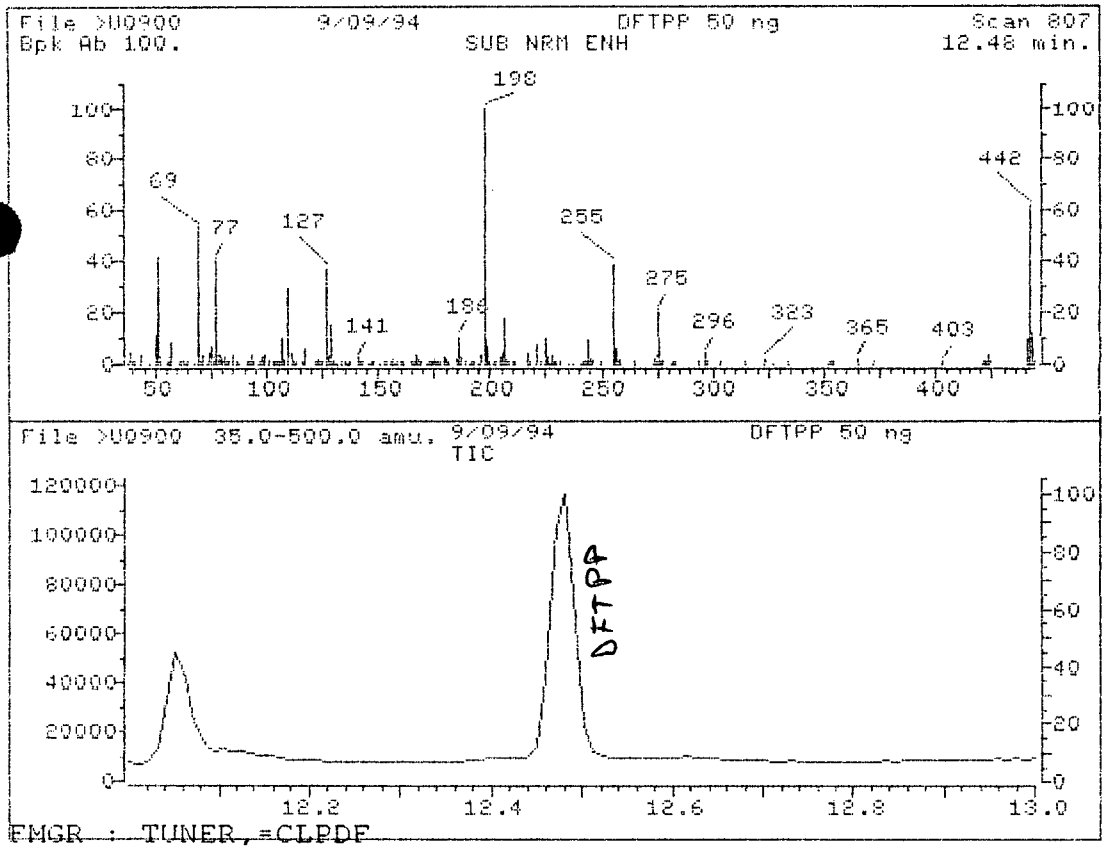
Injection Date: 09/08/94
Injection Time: 12:48
Data File: >U0800
Scan: 822

FMGR : TAB

>U0800 9/08/94 DFTPP 50 ng
822 SUB NRM ENH

File: >U0800 Scan #: 822 Retn. time: 12.51

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.00	.912	106.05	.512	158.00	.316	208.10	.119	273.05	1.198
38.10	.617	107.05	8.943	160.00	.311	209.10	.025	274.05	3.414
39.00	4.715	108.05	1.806	161.15	1.123	210.30	.617	275.05	21.564
40.00	.050	109.15	.011	165.05	.476	211.10	.777	276.05	2.856
50.00	9.675	109.95	27.475	166.05	.368	215.00	.144	277.05	1.297
51.00	39.491	111.05	3.211	167.05	3.704	216.00	.126	285.05	.133
52.00	2.200	116.00	.597	168.05	1.308	217.00	4.420	293.05	.261
56.00	1.079	117.00	4.669	169.05	.128	218.00	.352	295.95	4.059
57.00	2.932	118.00	.460	173.05	.155	221.00	7.615	296.95	.499
61.00	.471	122.00	.359	174.05	.428	223.00	1.123	303.10	.485
62.00	.393	123.10	.652	175.05	1.251	224.10	9.474	315.10	.178
63.00	1.443	124.10	.718	176.05	.579	225.10	2.621	316.10	.139
65.00	1.150	125.10	.126	177.05	.494	226.00	.185	323.10	1.619
69.00	47.449	127.00	35.819	179.05	2.182	227.00	3.583	324.10	.135
70.15	.007	128.00	2.490	180.05	1.598	228.00	.487	327.00	.139
74.05	3.519	129.00	14.717	181.05	.917	229.00	.743	334.10	.924
75.05	5.618	130.00	1.278	184.05	.087	231.10	.377	335.00	.094
76.05	1.875	134.00	.217	185.05	1.308	235.10	.194	341.00	.327
77.05	37.879	135.00	.890	186.05	10.023	237.00	.238	346.05	.133
78.05	2.186	136.10	.215	187.05	1.530	241.00	.119	352.05	.352
79.05	2.124	137.10	.101	192.05	.517	242.00	.583	353.05	.220
80.05	1.102	140.10	.107	193.05	.608	243.00	.556	354.05	.492
81.05	1.539	141.00	1.514	194.05	.224	244.00	9.106	365.05	1.507
82.05	.261	142.00	.775	195.15	.265	245.00	1.077	372.05	.848
83.05	.286	143.00	.384	196.05	3.327	246.00	1.152	402.10	.252
85.05	.158	147.00	.615	197.95	100.000	247.00	.217	403.10	.466
87.05	.871	148.00	1.223	198.95	6.652	249.00	.158	421.00	.391
91.05	.345	150.10	.098	200.05	.306	253.05	.082	422.00	.290
93.05	3.089	151.10	.082	201.45	.659	255.05	40.255	423.00	3.768
98.05	2.170	153.00	.329	203.05	.649	256.05	5.797	424.00	.661
99.05	2.053	154.10	.489	204.05	2.433	257.05	.304	441.15	9.179
100.95	1.052	155.00	1.139	205.05	4.301	258.05	1.800	442.05	64.974
102.95	.421	156.10	1.127	206.10	18.351	259.05	.206	443.05	12.305
104.05	.860	157.10	.482	207.10	.842	265.05	.654	444.05	1.157
105.05	.318								



GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

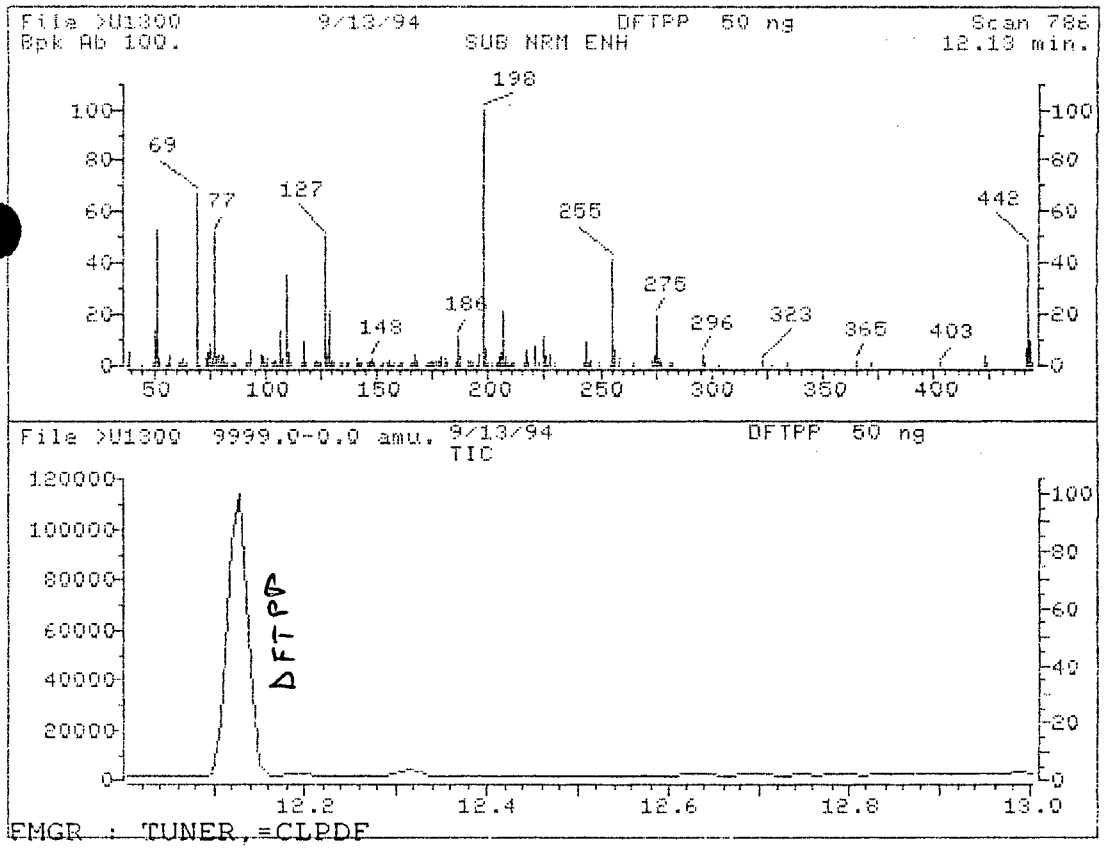
m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-80% of mass 198	41.71	41.71	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	53.11	53.11	Ok
70	Less than 2% of mass 69	.31	.59	Ok
127	25-75% of mass 198	37.13	37.13	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.54	6.54	Ok
275	10-30% of mass 198	20.66	20.66	Ok
365	Greater than 1% of mass 198	1.61	1.61	Ok
441	0-100% of mass 443	8.99	75.98	Ok
442	40-110% of mass 198	61.92	61.92	Ok
443	15-24% of mass 442	11.83	19.11	Ok

Injection Date: 09/09/94
Injection Time: 16:23
Data File: >U0900
Scan: 807

>U0900 9/09/94 DFTPP 50 ng
807 SUB NRM ENH

File: >U0900 Scan #: 807 Retn. time: 12.48

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.00	.792	92.05	.623	142.00	.573	193.05	.588	255.05	38.763
39.10	4.301	92.95	3.349	143.00	.376	195.05	.100	256.05	5.495
40.00	.266	94.05	.231	146.00	.212	196.05	3.378	257.05	.376
41.10	.326	96.05	.040	147.00	.999	197.95	100.000	258.05	1.691
43.10	2.983	97.05	.431	148.00	1.563	198.95	6.539	265.05	.847
47.00	.102	98.05	2.614	151.00	.057	200.05	.307	273.05	1.235
50.00	10.574	99.05	3.126	153.00	.702	201.55	.509	274.05	3.356
51.00	41.708	101.05	1.827	154.00	.245	202.95	.321	275.05	20.665
52.00	2.288	103.05	.835	155.10	1.054	204.05	2.188	276.05	2.698
55.10	.659	104.05	.804	156.10	1.289	205.05	3.873	277.05	1.242
56.00	1.903	104.95	.538	157.00	.140	206.10	17.774	281.15	.031
57.00	8.057	106.15	.257	158.00	.243	207.10	1.851	282.05	.328
61.00	.623	107.05	9.563	160.00	.376	208.10	.319	283.05	.304
62.00	.316	108.05	1.713	161.05	.949	210.40	.347	293.05	.300
63.00	1.525	110.05	29.385	165.05	.340	211.20	.780	295.95	3.756
64.00	.098	111.05	3.811	166.15	.466	217.00	4.032	297.10	.402
65.00	.944	112.05	.721	167.05	2.914	218.10	.362	303.10	.364
67.00	.005	113.05	.507	168.05	1.472	221.00	7.239	315.00	.276
69.00	53.111	116.10	.557	169.15	.255	223.00	.818	323.10	1.508
70.15	.312	117.00	5.307	172.05	.119	224.10	9.834	326.90	.100
71.15	2.816	122.10	.683	173.05	.371	225.10	2.410	334.10	.785
73.05	.043	123.10	1.403	174.05	.595	226.00	.105	352.05	.343
74.05	3.644	124.10	.621	175.05	1.194	227.00	3.123	353.05	.266
75.05	6.259	125.10	1.042	176.15	.580	228.00	.369	354.05	.373
76.05	2.036	127.10	37.131	177.05	.604	229.00	.797	365.05	1.606
77.05	40.754	128.10	3.040	178.05	.228	231.10	.350	372.15	.787
78.05	2.876	129.00	15.291	179.05	2.467	235.00	.205	403.10	.469
79.05	3.109	130.00	1.242	180.05	1.499	237.00	.202	421.00	.295
80.05	1.629	131.00	.131	181.05	.830	241.00	.076	422.10	.271
81.05	2.419	132.00	.086	185.05	1.123	242.00	.414	423.10	3.423
82.05	.747	134.00	.481	186.05	10.067	243.10	.383	424.00	.678
83.05	1.087	135.00	.949	187.05	2.524	244.10	8.816	441.15	8.992
85.15	2.824	136.00	.207	189.05	.333	245.10	1.142	442.15	61.923
87.05	.595	137.10	.638	191.05	.147	246.00	1.218	443.15	11.835
87.95	.086	141.00	2.008	192.05	.880	249.00	.371	444.15	1.032
91.05	.954								



GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
51	30-80% of mass 198	52.76	52.76	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	67.22	67.22	Ok
70	Less than 2% of mass 69	.13	.19	Ok
127	25-75% of mass 198	49.86	49.86	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.69	6.69	Ok
275	10-30% of mass 198	19.31	19.31	Ok
365	Greater than 1% of mass 198	1.65	1.65	Ok
441	0-100% of mass 443	6.64	75.10	Ok
442	40-110% of mass 198	46.53	46.53	Ok
443	15-24% of mass 442	8.85	19.01	Ok

Injection Date: 09/13/94
Injection Time: 16:56
Data File: >U1300
Scan: 786

>U1300 9/13/94 DFTPP 50 ng
786 SUB NRM ENH

File: >U1300 Scan #: 786 Retn. time: 12.13

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.10	.702	92.05	.842	141.00	2.165	186.05	11.391	244.10	8.772
39.00	4.918	92.95	5.428	142.00	.580	187.05	3.117	245.10	1.028
45.00	.160	98.05	3.983	143.00	.224	191.05	1.072	246.00	1.262
49.10	.291	99.05	3.283	146.00	.283	192.05	1.148	249.00	.318
50.00	13.294	99.95	.338	147.00	1.637	193.05	1.419	254.05	.160
51.00	52.759	100.95	1.891	148.00	2.406	195.05	.119	255.05	41.012
52.00	2.334	103.05	.725	149.00	.420	196.05	3.694	256.05	5.818
55.00	.166	104.05	1.107	151.50	.111	198.05	100.000	258.05	1.917
56.00	1.576	105.05	1.069	153.00	.635	198.95	6.689	265.05	.798
57.00	3.962	105.95	.181	155.10	.929	200.05	.347	273.05	1.186
61.00	.760	107.05	13.274	156.10	1.629	201.55	.484	274.05	3.167
62.00	.696	108.05	2.153	157.00	.166	203.05	.382	275.05	19.307
63.00	1.914	110.05	35.305	158.00	.318	204.05	2.779	276.05	2.494
64.00	.096	111.05	4.862	159.00	.146	205.05	4.944	277.05	1.197
65.00	.938	112.05	.245	160.00	.542	206.10	20.796	281.15	.271
69.00	67.215	116.10	.559	161.05	.755	207.10	3.094	282.15	.300
70.05	.128	117.10	8.662	165.05	.842	208.10	.798	296.05	4.283
73.05	2.002	118.00	.280	166.05	.580	209.10	.175	297.10	.469
74.05	4.746	122.00	.670	167.05	4.026	210.20	.283	303.10	.189
75.05	8.367	123.10	1.291	168.05	1.696	211.10	.594	323.10	1.413
76.05	2.503	124.00	.670	172.05	.122	216.00	.300	327.00	.099
77.05	51.570	125.00	.653	173.05	.452	217.00	5.544	334.10	.626
78.05	3.266	127.00	49.863	174.05	.769	218.10	.501	365.05	1.649
79.05	3.785	128.10	4.026	175.15	1.113	221.10	7.167	372.05	.524
79.95	2.599	129.00	20.947	176.05	.801	223.10	.836	403.10	.364
81.05	4.032	130.00	1.597	177.05	1.253	224.10	10.701	423.10	2.776
82.05	.880	131.00	.300	178.05	1.465	225.10	2.835	424.10	.385
83.05	.996	134.00	.597	179.05	3.315	226.10	.134	441.15	6.643
85.05	1.160	135.00	.708	180.05	2.077	227.00	4.050	442.15	46.530
86.05	.912	136.10	.454	181.05	.973	229.10	.661	443.15	8.845
87.05	.472	137.10	.542	185.05	1.451	243.10	.478	444.15	.819
91.05	.798								

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKS1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SBLKS1

Sample wt/vol: 50.6 (g/mL) G Lab File ID: >U0308

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 0 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
6-46-7	1,4-Dichlorobenzene	330	U
-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
9-09-2	3-Nitroaniline	800	U
-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKS1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SBLKS1

Sample wt/vol: 50.6 (g/mL) G Lab File ID: >U0308

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 0 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
66-2	Diethylphthalate	330	U
05-72-3	4-chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	22	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	49	U
218-01-9	Chrysene	49	U
117-81-7	bis(2-Ethylhexyl)phthalate	28	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	49	U
207-08-9	Benzo(k)fluoranthene	49	U
50-32-8	Benzo(a)pyrene	49	U
193-39-5	Indeno(1,2,3-cd)pyrene	49	U
53-70-3	Dibenz(a,h)anthracene	49	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKS1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix:(soil/water) soil Lab Sample ID: SBLKS1

Sample wt/vol: 50.6 (g/mL) g Lab File ID: >U0308

Level: (low/med) low Date Received: 08/31/94

%Moisture: 0 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

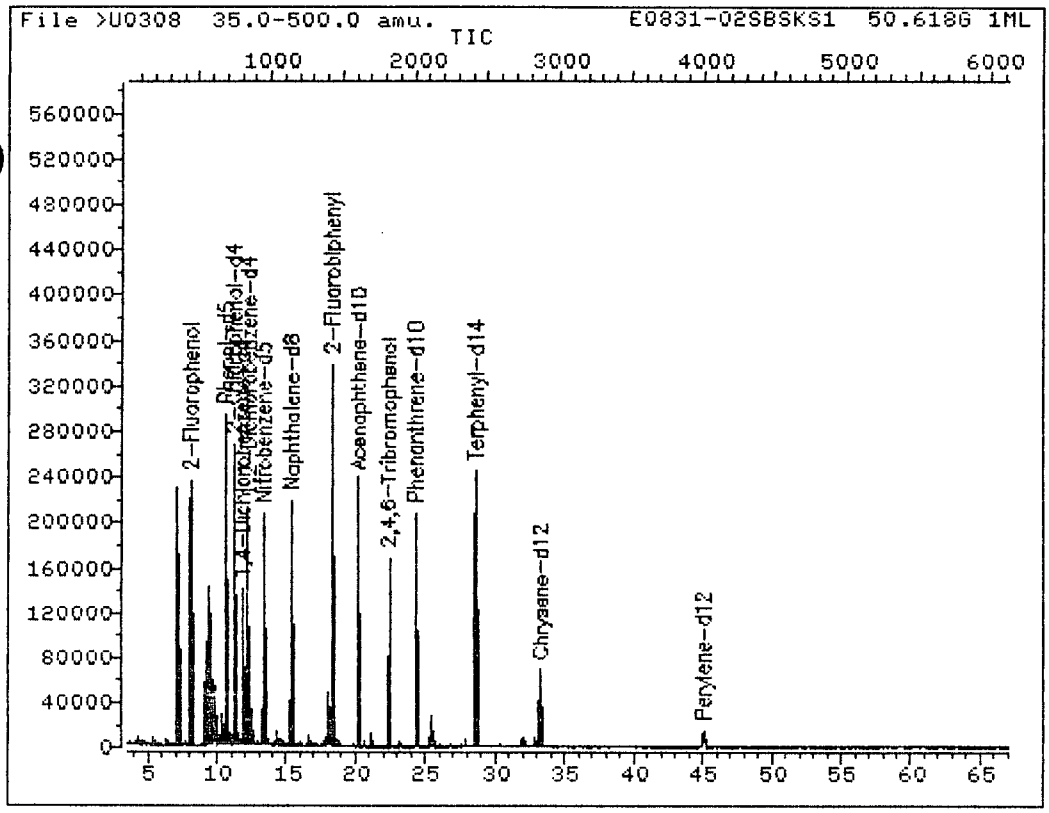
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 13:38
Output File: ^U0308::A5 Injected at: 940905 19:07
Data File: >U0308::A0 Dilution Factor: 1.00000
Name: E0831-02 Instrument ID: MACH-2
Misc: SBSKS1 50.618G 1ML BTL# 9

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.73	152.0	58587	20.00	UG/ML	65
2)	2-Fluorophenol	8.00	112.0	155123	47.59	UG/ML	90
3)	Phenol-d5	10.54	99.0	229862	50.27	UG/ML	87
4)	2-Chlorophenol-d4	11.09	132.0	171383	44.91	UG/ML	94
5)	1,2-Dichlorobenzene-d4	12.17	152.0	89244	30.89	UG/ML	57
17)	*Naphthalene-d8	15.30	136.0	227723	20.00	UG/ML	95
18)	Nitrobenzene-d5	13.27	82.0	149899	35.88	UG/ML	57
31)	*Acenaphthene-d10	20.14	164.0	137579	20.00	UG/ML	96
36)	2-Fluorobiphenyl	18.22	172.0	263334	36.84	UG/ML	95
51)	*Phenanthrene-d10	24.22	188.0	193265	20.00	UG/ML	95
54)	2,4,6-Tribromophenol	22.28	330.0	61932	43.64	UG/ML	99
61)	Di-n-butylphthalate	25.51	149.0	16325	1.13	UG/ML	96
63)	*Chrysene-d12	33.21	240.0	108893	20.00	UG/ML	91
65)	Terphenyl-d14	28.53	244.0	270157	45.74	UG/ML	90
70)	bis(2-Ethylhexyl)phthalate	32.70	149.0	8694	1.43	UG/ML	93
71)	*Perylene-d12	44.98	264.0	52238	20.00	UG/ML	94

* Compound is ISTD

TOTAL ION CHROMATOGRAM

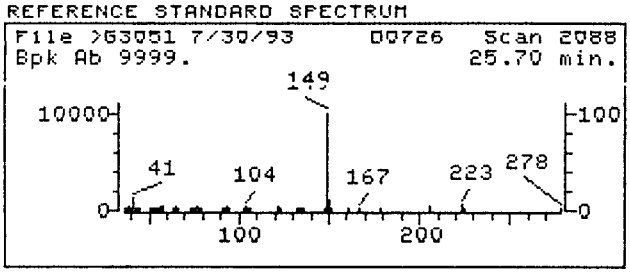


Data File: >U0308 Quant Output File: ^U0308::A5
Name: E0831-02 Instrument ID: MACH-2
Misc: SBSKS1 50.618G 1ML BTL# 9

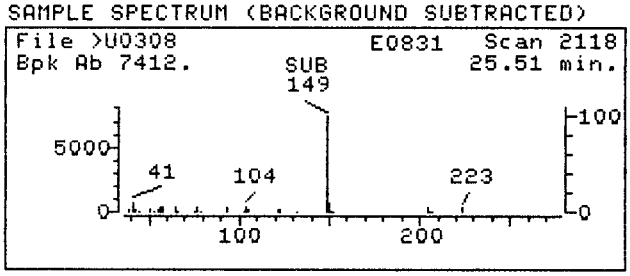
Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 13:38
Injected at: 940905 19:07

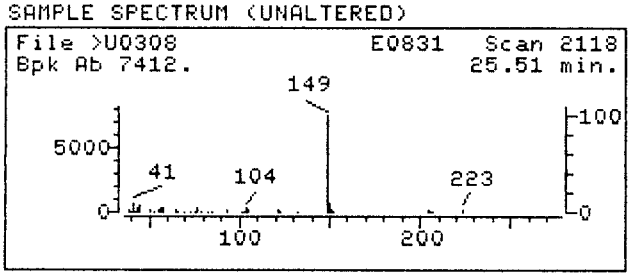
REFERENCE STANDARD SPECTRUM

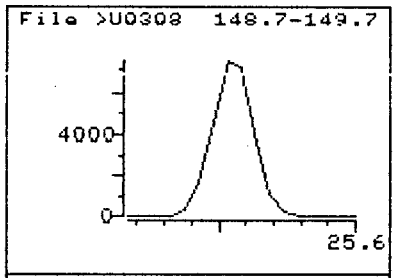


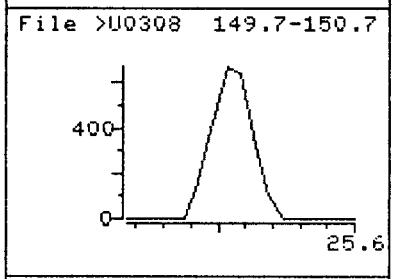
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

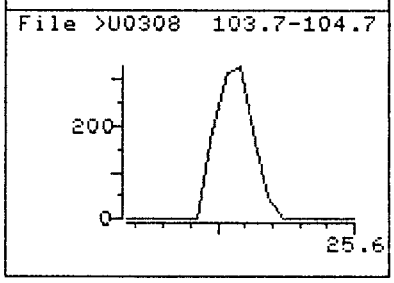


SAMPLE SPECTRUM (UNALTERED)







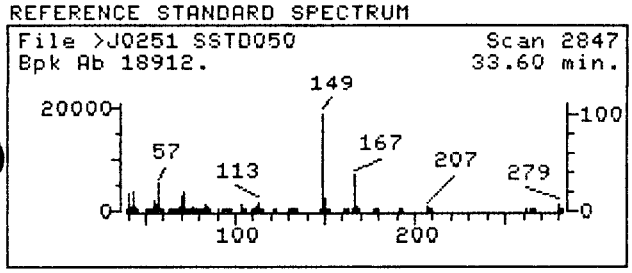


Data File: >U0308
Name: E0831-02
Misc: SBSKS1 50.618G 1ML
Quant Time: 940906 13:38
Injected at: 940905 19:07
Last Qcal Time: 940905 11:50

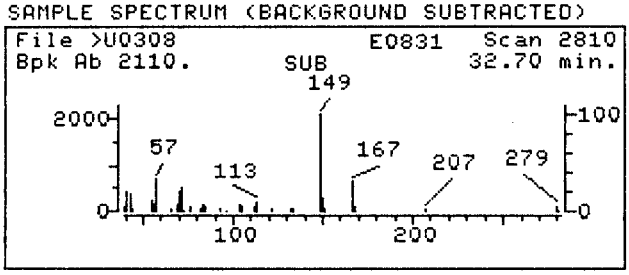
Quant Output File: ^U0308::A5
Instrument ID: MACH-2
BTL# 9
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 61
Compound Name : Di-n-butylphthalate
Scan Number : 2118
Retention Time: 25.51 min.
Quant Ion : 149.0
Area : 16325
Concentration : 1.13 UG/ML
q-value : 96

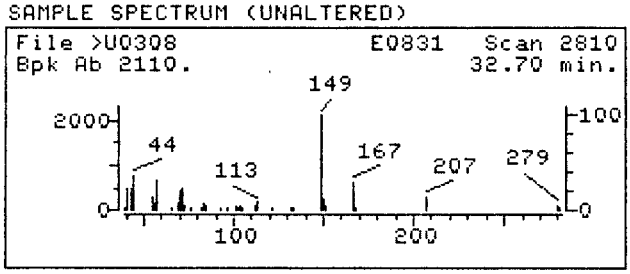
REFERENCE STANDARD SPECTRUM

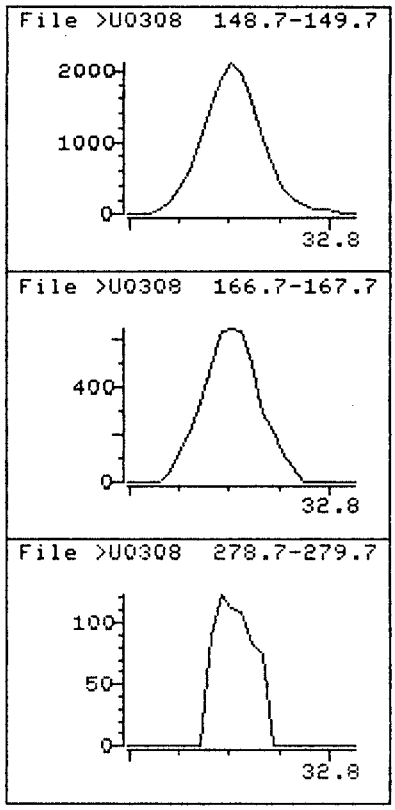


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)





Data File: >U0308
Name: E0831-02
Misc: SBSKS1 50.618G 1ML
Quant Time: 940906 13:38
Injected at: 940905 19:07
Last Qcal Time: 940905 11:50

Quant Output File: ^U0308::A5
Instrument ID: MACH-2
BTL# 9
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 70
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 2810
Retention Time: 32.70 min.
Quant Ion : 149.0
Area : 8694
Concentration : 1.43 UG/ML
q-value : 93

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >U0309

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
06-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
9-09-2	3-Nitroaniline	25	U
3-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: >U0309

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW1

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix:(soil/water) water Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) mL Lab File ID: >U0309

Level: (low/med) low Date Received: 08/31/94

%Moisture: decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

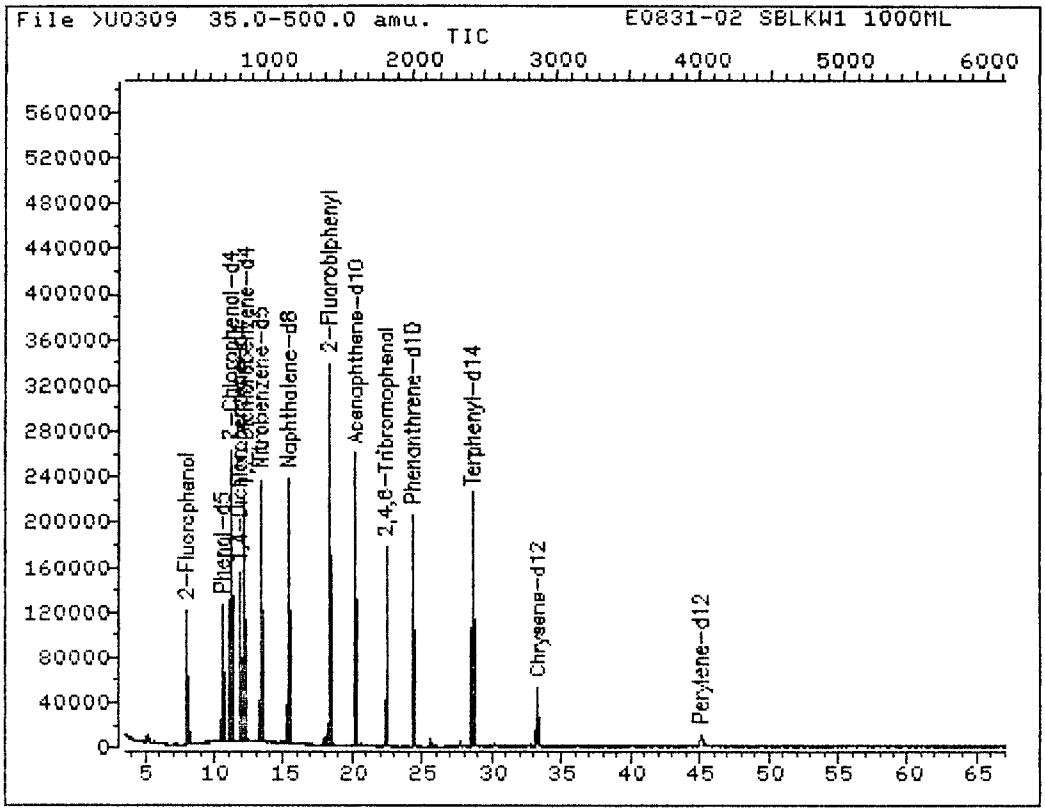
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 13:44
Output File: ^U0309::A5 Injected at: 940905 20:20
Data File: >U0309::A0 Dilution Factor: 1.00000
Name: E0831-02 Instrument ID: MACH-2
Misc: SBLKW1 1000ML BTL#10

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.72	152.0	64425	20.00	UG/ML	60
2)	2-Fluorophenol	7.93	112.0	124139	34.64	UG/ML	98
3)	Phenol-d5	10.50	99.0	109308	21.74	UG/ML	85
4)	2-Chlorophenol-d4	11.07	132.0	197144	46.97	UG/ML	94
5)	1,2-Dichlorobenzene-d4	12.17	152.0	94470	29.73	UG/ML	57
17)	*Naphthalene-d8	15.30	136.0	249494	20.00	UG/ML	96
18)	Nitrobenzene-d5	13.26	82.0	183159	40.02	UG/ML	57
31)	*Acenaphthene-d10	20.14	164.0	142667	20.00	UG/ML	96
36)	2-Fluorobiphenyl	18.22	172.0	264953	35.74	UG/ML	96
51)	*Phenanthrene-d10	24.22	188.0	195426	20.00	UG/ML	95
54)	2,4,6-Tribromophenol	22.28	330.0	70112	48.85	UG/ML	98
61)	Di-n-butylphthalate	25.51	149.0	8955	.612	UG/ML	95
63)	*Chrysene-d12	33.22	240.0	83138	20.00	UG/ML	91
65)	Terphenyl-d14	28.53	244.0	241763	53.62	UG/ML	90
70)	bis(2-Ethylhexyl)phthalate	32.71	149.0	3595	.776	UG/ML	91
71)	*Perylene-d12	45.02	264.0	39647	20.00	UG/ML	92

* Compound is ISTD

TOTAL ION CHROMATOGRAM

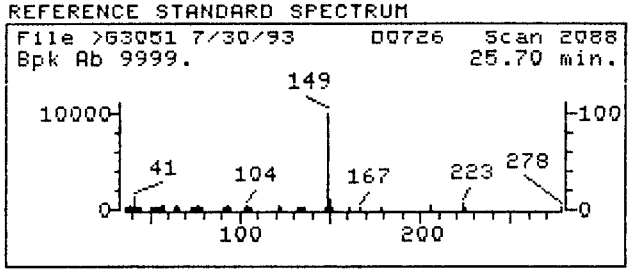


Data File: >U0309 Quant Output File: ^U0309::A5
Name: E0831-02 Instrument ID: MACH-2
Misc: SBLKW1 1000ML BTL#10

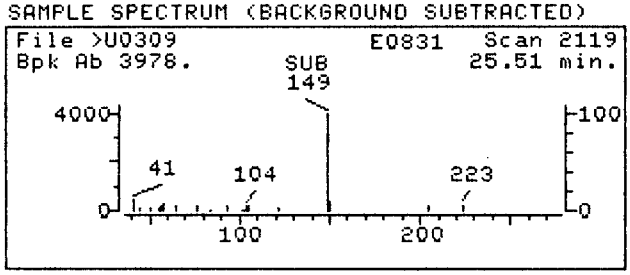
Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 11:50

Operator ID: ANDY
Quant Time : 940906 13:44
Injected at: 940905 20:20

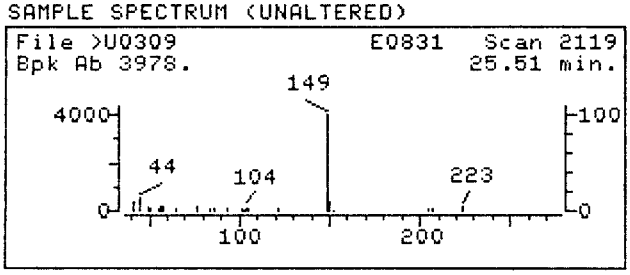
REFERENCE STANDARD SPECTRUM

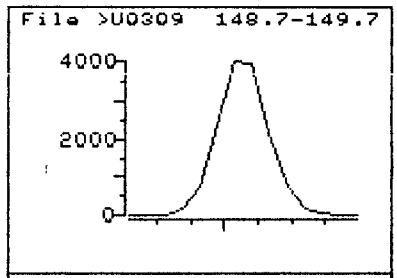


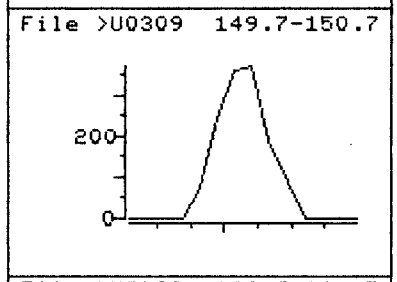
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

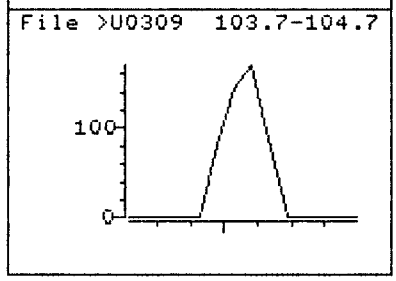


SAMPLE SPECTRUM (UNALTERED)







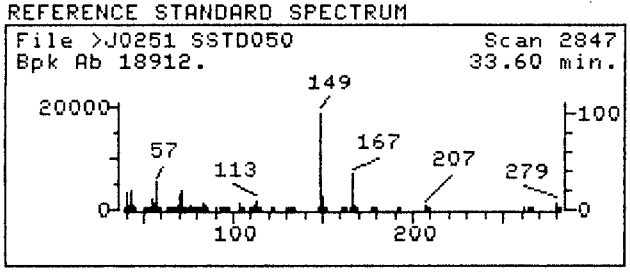


Data File: >U0309
Name: E0831-02
Misc: SBLKW1 1000ML
Quant Time: 940906 13:44
Injected at: 940905 20:20
Last Qcal Time: 940905 11:50

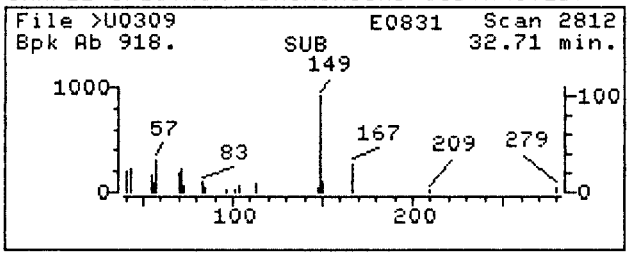
Quant Output File: ^U0309::A5
Instrument ID: MACH-2
BTL#10
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 61
Compound Name : Di-n-butylphthalate
Scan Number : 2119
Retention Time: 25.51 min.
Quant Ion : 149.0
Area : 8955
Concentration : .612 UG/ML
q-value : 95

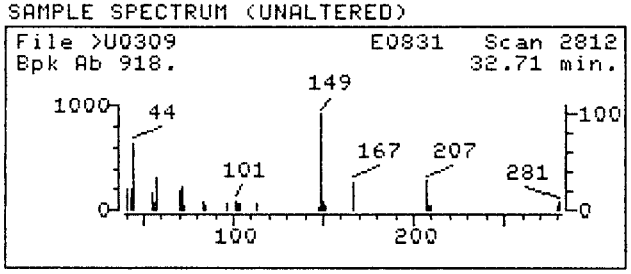
REFERENCE STANDARD SPECTRUM

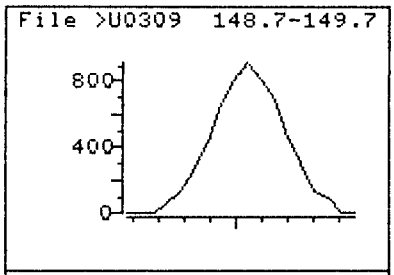


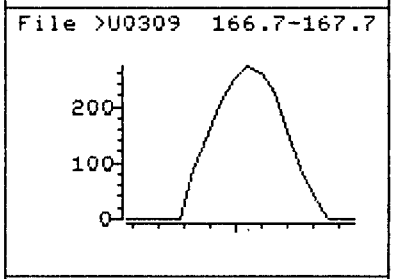
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

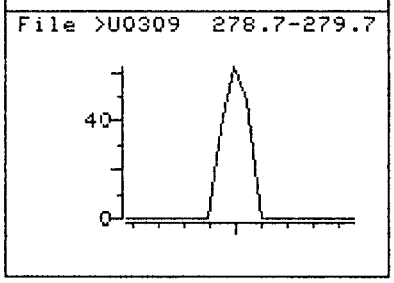


SAMPLE SPECTRUM (UNALTERED)









Data File: >U0309
Name: E0831-02
Misc: SBLKW1 1000ML
Quant Time: 940906 13:44
Injected at: 940905 20:20
Last Qcal Time: 940905 11:50

Quant Output File: ^U0309::A5
Instrument ID: MACH-2
BTL#10
Quant ID File: CLPSEM::SC
Last Calibration: 930806 16:07

Compound No : 70
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 2812
Retention Time: 32.71 min.
Quant Ion : 149.0
Area : 3595
Concentration : .776 UG/ML
q-value : 91

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL-08MS

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SL-08MS

Sample wt/vol: 50.1 (g/mL) G Lab File ID: >U0316

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 26 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH: 4.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	1380	
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	1340	
541-73-1	1,3-Dichlorobenzene	270	U
6-46-7	1,4-Dichlorobenzene	1024	
-50-1	1,2-Dichlorobenzene	270	U
95-48-7	2-Methylphenol	270	U
108-60-1	2,2'-oxybis(1-Chloropropane)	270	U
106-44-5	4-Methylphenol	270	U
621-64-7	N-Nitroso-di-n-propylamine	1085	
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	270	U
111-91-1	bis(2-Chloroethoxy)methane	270	U
120-83-2	2,4-Dichlorophenol	270	U
120-82-1	1,2,4-Trichlorobenzene	1000	
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	270	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	1447	
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	20	J
88-06-2	2,4,6-Trichlorophenol	270	U
95-95-4	2,4,5-Trichlorophenol	371	J
91-58-7	2-Chloronaphthalene	270	U
88-74-4	2-Nitroaniline	674	U
131-11-3	Dimethylphthalate	270	U
208-96-8	Acenaphthylene	270	U
606-20-2	2,6-Dinitrotoluene	270	U
-09-2	3-Nitroaniline	674	U
-32-9	Acenaphthene	974	

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL-08MS

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SL-08MS

Sample wt/vol: 50.1 (g/mL) G Lab File ID: >U0316

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 26 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH: 4.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	1105	
100-02-7	4-Nitrophenol	1817	
132-64-9	Dibenzofuran	270	U
121-14-2	2,4-Dinitrotoluene	270	U
84-66-2	Diethylphthalate	270	U
7005-72-3	4-chlorophenyl-phenylether	270	U
86-73-7	Fluorene	270	U
100-01-6	4-Nitroaniline	674	U
534-52-1	4,6-Dinitro-2-methylphenol	674	U
86-30-6	N-Nitrosodiphenylamine (1)	270	U
101-55-3	4-Bromophenyl-phenylether	270	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	2065	
85-01-8	Phenanthrene	70	J
120-12-7	Anthracene	270	U
86-74-8	Carbazole	270	U
84-74-2	Di-n-butylphthalate	268	U
206-44-0	Fluoranthene	85	J
129-00-0	Pyrene	1497	
85-68-7	Butylbenzylphthalate	270	U
91-94-1	3,3'-Dichlorobenzidine	270	U
56-55-3	Benzo(a)anthracene	43	
218-01-9	Chrysene	67	
117-81-7	bis(2-Ethylhexyl)phthalate	409	B
117-84-0	Di-n-octylphthalate	270	U
205-99-2	Benzo(b)fluoranthene	87	
207-08-9	Benzo(k)fluoranthene	30	J
50-32-8	Benzo(a)pyrene	36	J
193-39-5	Indeno(1,2,3-cd)pyrene	40	U
53-70-3	Dibenz(a,h)anthracene	40	U
191-24-2	Benzo(g,h,i)perylene	270	U

(1) - Cannot be separated from Diphenylamine

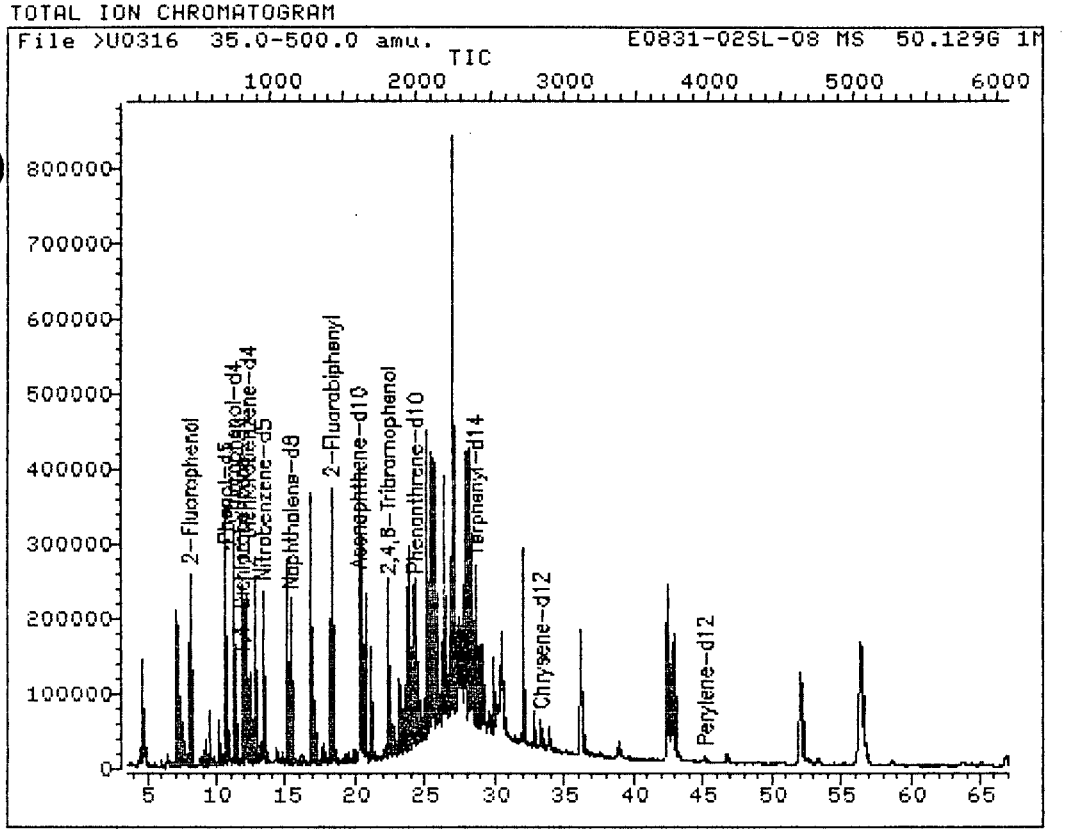
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 14:36
Output File: ^U0316::A5 Injected at: 940906 03:12
Data File: >U0316::A0 Dilution Factor: 1.00000
Name: E0831-02 Instrument ID: MACH-2
Misc: SL-08 MS 50.129G 1ML BTL#17

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 23:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	59012	20.00	UG/ML	67
2)	2-Fluorophenol	8.02	112.0	177804	54.27	UG/ML	92
3)	Phenol-d5	10.57	99.0	251970	55.42	UG/ML	87
4)	2-Chlorophenol-d4	11.11	132.0	194378	50.70	UG/ML	96
5)	1,2-Dichlorobenzene-d4	12.18	152.0	97497	33.59	UG/ML	57
6)	Phenol	10.61	94.0	244848	51.18	UG/ML	70
8)	2-Chlorophenol	11.16	128.0	178180	49.68	UG/ML	59
10)	1,4-Dichlorobenzene	11.79	146.0	151663	37.97	UG/ML	98
15)	N-Nitroso-Di-n-propylamine	12.79	70.0	129112	40.24	UG/ML	87
17)	*Naphthalene-d8	15.31	136.0	238433	20.00	UG/ML	98
18)	Nitrobenzene-d5	13.29	82.0	177232	40.40	UG/ML	57
25)	1,2,4-Trichlorobenzene	15.12	180.0	132214	37.06	UG/ML	91
29)	4-Chloro-3-methylphenol	16.71	107.0	214870	53.66	UG/ML	97
31)	*Acenaphthene-d10	20.16	164.0	149617	20.00	UG/ML	95
32)	Hexachlorocyclopentadiene	17.67	237.0	791M	.725	UG/ML	
34)	2,4,5-Trichlorophenol	18.11	196.0	3609	1.37	UG/ML	91
36)	2-Fluorobiphenyl	18.24	172.0	294537	38.53	UG/ML	96
42)	Acenaphthene	20.26	153.0	270967	36.11	UG/ML	96
44)	4-Nitrophenol	20.32	109.0	52565M	67.38	UG/ML	
46)	2,4-Dinitrotoluene	20.58	165.0	117464	40.97	UG/ML	73
51)	*Phenanthrene-d10	24.23	188.0	192162	20.00	UG/ML	98
54)	2,4,6-Tribromophenol	22.30	330.0	89996	62.07	UG/ML	97
57)	Pentachlorophenol	23.65	266.0	105234	76.55	UG/ML	98
58)	Phenanthrene	24.30	178.0	27149	2.60	UG/ML	97
61)	Di-n-butylphthalate	25.55	149.0	114574	8.02	UG/ML	97
62)	Fluoranthene	27.56	202.0	30424	3.15	UG/ML	94
63)	*Chrysene-d12	33.26	240.0	59367	20.00	UG/ML	93
64)	Pyrene	28.31	202.0	315814	55.51	UG/ML	94
65)	Terphenyl-d14	28.56	244.0	228919	64.59	UG/ML	91
68)	Benzo(a)anthracene	33.19	228.0	5054	1.60	UG/ML	96
69)	Chrysene	33.40	228.0	6919M	2.47	UG/ML	96
70)	bis(2-Ethylhexyl)phthalate	32.74	149.0	56463	15.15	UG/ML	95
71)	*Perylene-d12	45.11	264.0	19942	20.00	UG/ML	91
73)	Benzo(b)fluoranthene	41.10	252.0	4428	3.24	UG/ML	65
74)	Benzo(k)fluoranthene	41.36	252.0	1490M	1.12	UG/ML	65
75)	Benzo(a)pyrene	44.51	252.0	1321M	1.32	UG/ML	

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0316 Quant Output File: ^U0316::A5
Name: E0831-02 Instrument ID: MACH-2
Misc: SL-08 MS 50.129G 1ML BTL#17

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 23:33

Operator ID: ANDY
Quant Time : 940906 14:36
Injected at: 940906 03:12

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL-08MSD

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SL-08MSD

Sample wt/vol: 50.1 (g/mL) G Lab File ID: >U0317

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 26 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH: 4.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
108-95-2	Phenol	1422	
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	1409	
541-73-1	1,3-Dichlorobenzene	270	U
6-46-7	1,4-Dichlorobenzene	1058	
5-50-1	1,2-Dichlorobenzene	270	U
95-48-7	2-Methylphenol	270	U
108-60-1	2,2'-oxybis(1-Chloropropane)	270	U
106-44-5	4-Methylphenol	270	U
621-64-7	N-Nitroso-di-n-propylamine	1070	
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	270	U
111-91-1	bis(2-Chloroethoxy)methane	270	U
120-83-2	2,4-Dichlorophenol	270	U
120-82-1	1,2,4-Trichlorobenzene	1027	
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	270	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	1482	
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	62	J
88-06-2	2,4,6-Trichlorophenol	270	U
95-95-4	2,4,5-Trichlorophenol	30	J
91-58-7	2-Chloronaphthalene	270	U
88-74-4	2-Nitroaniline	674	U
131-11-3	Dimethylphthalate	270	U
208-96-8	Acenaphthylene	270	U
606-20-2	2,6-Dinitrotoluene	270	U
09-2	3-Nitroaniline	674	U
3-32-9	Acenaphthene	1009	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL-08MSD

Lab Name: New England Testing Lab Contract: G+H RD/RA

Lab Code: RI010 Case No.: SAS No.: SDG No.: NETL18-1

Matrix: (soil/water) SOIL Lab Sample ID: SL-08MSD

Sample wt/vol: 50.1 (g/mL) G Lab File ID: >U0317

Level: (low/med) LOW Date Received: 08/31/94

% Moisture: 26 decanted:(Y/N) N Date Extracted: 09/01/94

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1X

GPC Cleanup: (Y/N) N pH: 4.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
51-28-5	2,4-Dinitrophenol	1151	
100-02-7	4-Nitrophenol	1851	
132-64-9	Dibenzofuran	270	U
121-14-2	2,4-Dinitrotoluene	270	U
[illegible]-66-2	Diethylphthalate	270	U
[illegible]05-72-3	4-chlorophenyl-phenylether	270	U
86-73-7	Fluorene	270	U
100-01-6	4-Nitroaniline	674	U
534-52-1	4,6-Dinitro-2-methylphenol	674	U
86-30-6	N-Nitrosodiphenylamine (1)	270	U
101-55-3	4-Bromophenyl-phenylether	270	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	2127	
85-01-8	Phenanthrene	42	J
120-12-7	Anthracene	270	U
86-74-8	Carbazole	270	U
84-74-2	Di-n-butylphthalate	268	U
206-44-0	Fluoranthene	42	J
129-00-0	Pyrene	1713	
85-68-7	Butylbenzylphthalate	270	U
91-94-1	3,3'-Dichlorobenzidine	270	U
56-55-3	Benzo(a)anthracene	27	J
218-01-9	Chrysene	36	J
117-81-7	bis(2-Ethylhexyl)phthalate	248	B
117-84-0	Di-n-octylphthalate	270	U
205-99-2	Benzo(b)fluoranthene	35	J
207-08-9	Benzo(k)fluoranthene	40	U
50-32-8	Benzo(a)pyrene	40	U
193-39-5	Indeno(1,2,3-cd)pyrene	40	U
53-70-3	Dibenz(a,h)anthracene	40	U
191-24-2	Benzo(g,h,i)perylene	270	U

(1) - Cannot be separated from Diphenylamine

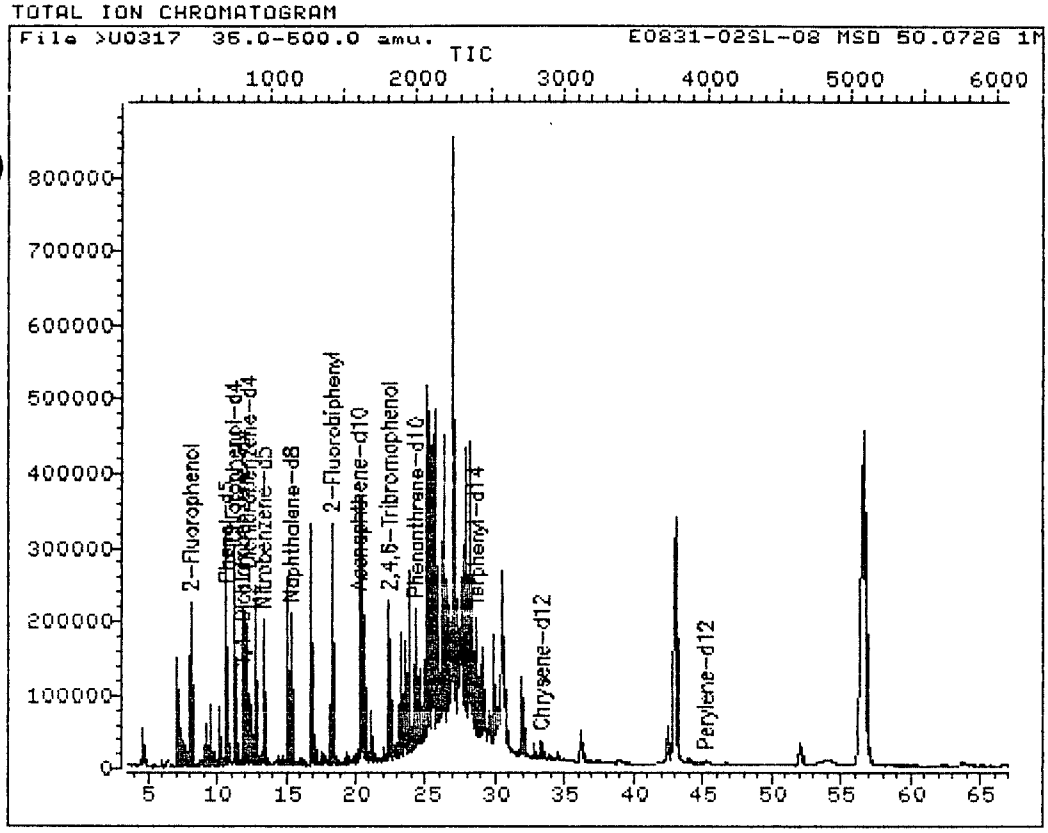
Operator ID: ANDY Quant Rev: 7 Quant Time: 940906 14:41
Output File: ^U0317::A5 Injected at: 940906 04:24
Data File: >U0317::A0 Dilution Factor: 1.00000
Name: E0831-02 Instrument ID: MACH-2
Misc: SL-08 MSD 50.072G 1ML BTL#18

ID File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 23:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*1,4-Dichlorobenzene-d4	11.74	152.0	52420	20.00	UG/ML	65
2)	2-Fluorophenol	8.02	112.0	158271	54.39	UG/ML	94
3)	Phenol-d5	10.56	99.0	223080	55.24	UG/ML	86
4)	2-Chlorophenol-d4	11.11	132.0	174020	51.10	UG/ML	96
5)	1,2-Dichlorobenzene-d4	12.18	152.0	84135	32.63	UG/ML	58
6)	Phenol	10.61	94.0	224068	52.72	UG/ML	69
8)	2-Chlorophenol	11.16	128.0	166423	52.24	UG/ML	61
10)	1,4-Dichlorobenzene	11.79	146.0	139221	39.24	UG/ML	98
15)	N-Nitroso-Di-n-propylamine	12.79	70.0	113048	39.67	UG/ML	87
17)	*Naphthalene-d8	15.32	136.0	214011	20.00	UG/ML	98
18)	Nitrobenzene-d5	13.29	82.0	150177	38.14	UG/ML	53
25)	1,2,4-Trichlorobenzene	15.13	180.0	121968	38.09	UG/ML	92
29)	4-Chloro-3-methylphenol	16.71	107.0	197500	54.95	UG/ML	96
31)	*Acenaphthene-d10	20.16	164.0	132435	20.00	UG/ML	96
32)	Hexachlorocyclopentadiene	17.68	237.0	2214	2.29	UG/ML	98
34)	2,4,5-Trichlorophenol	18.11	196.0	2636	1.13	UG/ML	93
36)	2-Fluorobiphenyl	18.24	172.0	260482	38.49	UG/ML	95
42)	Acenaphthene	20.26	153.0	248342	37.39	UG/ML	95
44)	4-Nitrophenol	20.32	109.0	47380M	68.62	UG/ML	
46)	2,4-Dinitrotoluene	20.58	165.0	108276	42.67	UG/ML	72
51)	*Phenanthrene-d10	24.25	188.0	169772	20.00	UG/ML	96
54)	2,4,6-Tribromophenol	22.31	330.0	82000	64.02	UG/ML	98
57)	Pentachlorophenol	23.66	266.0	95767	78.85	UG/ML	98
58)	Phenanthrene	24.31	178.0	14244	1.54	UG/ML	97
61)	Di-n-butylphthalate	25.55	149.0	45413	3.60	UG/ML	98
62)	Fluoranthene	27.58	202.0	13256	1.55	UG/ML	54
63)	*Chrysene-d12	33.25	240.0	37894M	20.00	UG/ML	93
64)	Pyrene	28.33	202.0	230565	63.50	UG/ML	93
65)	Terphenyl-d14	28.57	244.0	160530	70.96	UG/ML	92
68)	Benzo(a)anthracene	33.19	228.0	2036	1.01	UG/ML	89
69)	Chrysene	33.40	228.0	2365M	1.32	UG/ML	94
70)	bis(2-Ethylhexyl)phthalate	32.74	149.0	21839	9.18	UG/ML	92
71)	*Perylene-d12	45.16	264.0	12095	20.00	UG/ML	91
73)	Benzo(b)fluoranthene	41.11	252.0	1069M	1.29	UG/ML	
74)	Benzo(k)fluoranthene	41.31	252.0	470M	.581	UG/ML	
75)	Benzo(a)pyrene	44.55	252.0	218M	.358	UG/ML	

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >U0317 Quant Output File: ^U0317::A5
Name: E0831-02 Instrument ID: MACH-2
Misc: SL-08 MSD 50.072G 1ML BTL#18

Id File: CLPSEM::SC
Title: CLP SEMIVOLATILES
Last Calibration: 930806 16:07 Last Qcal Time: 940905 23:33

Operator ID: ANDY
Quant Time : 940906 14:41
Injected at: 940906 04:24

PESTICIDES/PCBS DATA PACKAGE
QC SUMMARY

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No.: NETL18-1

GC Column(1): DB1701 ID: 0.53 soil GC Column(2): DB608 ID: 0.53 0 (mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	FB	136		96		70		69				0
02	PBLK02W	54	*	86		37	*	75				2
03												
04												
05												
06												
07												
08												
09												
10												
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24												
25												
26												
27												
28												
29												
30												

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

0666

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No.: NETL18-1

GC Column(1): DB1701 ID: 0.53 soil GC Column(2): DB608 ID: 0.53 0 (mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	SL03	63		92		73		77				0
02	SL03DL	0	D	0	D	0	D	0	D			0
03	sl8dl1000	0	D	0	D	0	D	0	D			0
04	sl01	86		92		33	*	60				1
05	sl04	66		78		36	*	37	*			2
06	SLO5	126		123		58	*	82				1
07	sl05dl	0	D	0	D	0	D	0	D			0
08	sl14	77		85		73		140				0
09	SL14DL	0	D	0	D	0	D	0	D			0
10	sl6/7	91		85		40	*	36	*			2
11	PBLK01	72		126		50	*	104				1
12	SL13	64		69		40	*	53	*			2
13	SL15	54	*	73		18	*	39	*			3
14	SL10/11	55	*	92		55	*	77				2
15	sl10/11dl	0	D	0	D	0	D	0	D			0
16	SL12	58	*	90		0		58	*			3
17	SL25	75		90		35	*	48	*			2
18	SL08BDL	0	D	0	D	0	D	0	D			0
19	SL14B	30	*	106		69		160	*			2
20	SL08B	28	*	103		42	*	38	*			3
21	SL08BMS	40	*	108		37	*	34	*			3
22	SL08BMSD	31	*	112		160	*	93				2
23	SL12DL	0	D	0	D	0	D	0	D			0
24	SL25DL	0	D	0	D	0	D	0	D			0
25	SL14BDL	0	D	0	D	0	D	0	D			0
26	GPCCHK	87				56	*					1
27	FLORCHK	87				71						0
28												
29												
30												

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

0667

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: New England Testing Laboratory, Inc Contract: NETL 18-1

Lab Code: RI010 Case No.: SAS No.: SDG No.: G&H RD/R

Matrix Spike - EPA Sample No.: 8B

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC. LIMITS REC.
gamma-BHC(Lindane)	19	0	0	0	*	46-127
Heptachlor	19	0	0	0	*	35-130
Aldrin	19	0	0	0	*	34-132
Dieldrin	38	0	0	0	*	31-134
Endrin	38	0	256	674	*	42-139
4,4'-DDT	38	35	42.1	19	*	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC(Lindane)	19	0	0	*			50	46-127
Heptachlor	19	0	0	*			31	35-130
Aldrin	19	0	0	*			43	34-132
Dieldrin	38	0	0	*			38	31-134
Endrin	38	0	0	*	200	*	45	42-139
4,4'-DDT	38	54.3	51		91	*	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 2 out of 6 outside limits

Spike Recovery: 11 out of 12 outside limits

COMMENTS Please see narative

0668

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

pblk02

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-

Lab Sample ID: pblk02 Lab File ID: pblk02

Matrix: (soil/water) water Extraction:(SepF/Cont/Sonc) sep

Sulfur Cleanup: (Y/N) n Date Extracted: 09/01/94

Date Analyzed (1): 09/13/94 Date Analyzed (2): 09/13/94

Time Analyzed (1): 1826 Time Analyzed (2): 1258

Instrument ID (1): GC#1 Instrument ID (2): gc#2

GC Column(1): db1701 ID: 0.53 (mm) GC Column(2): db608 ID: .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	FB	FB	09/13/94	09/13/94
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS:

0669

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

pblk01

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-

Lab Sample ID: pblk01 Lab File ID: pblk01

Matrix: (soil/water) soil Extraction:(SepF/Cont/Sonc) sonc

Sulfur Cleanup: (Y/N) n Date Extracted: 08/31/94

Date Analyzed (1): 09/13/94 Date Analyzed (2): 09/13/94

Time Analyzed (1): 1021 Time Analyzed (2): 1038

Instrument ID (1): GC#1 Instrument ID (2): gc#2

GC Column(1): db1701 ID: 0.53 (mm) GC Column(2): db608 ID: .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	SL01	SL01	09/05/94	09/06/94
02	SL03	SL03	09/05/94	10/21/94
03	SL03DL	SL03DL	09/05/94	09/05/94
04	SL04	SL04	09/05/94	09/06/94
05	SL05	SL05	09/05/94	10/21/94
06	SL05DL	SL05DL	09/05/94	09/06/94
07	SL6/7	SL6/7	09/05/94	09/06/94
08	SL08DL	SL08DL	09/06/94	09/06/94
09	SL10/11	SL10/11	09/06/94	10/21/94
10	SL10/11DL	SL10/11DL	09/06/94	09/13/94
11	SL12	SL12	09/06/94	09/13/94
12	SL12DL	SL12DL	09/06/94	09/13/94
13	SL13	SL13	09/06/94	09/13/94
14	SL14	SL14	09/05/94	09/06/94
15	SL14DL	SL14DL	09/06/94	09/06/94
16	SL15	SL15	09/06/94	09/13/94
17	SL25	SL25	09/06/94	09/13/94
18	SL25DL	SL25DL	09/06/94	09/13/94
19	SL08B	SL08B	09/13/94	09/13/94
20	SL08BDL	SL08BDL	09/13/94	09/13/94
21	SL08BMS	SL08BMS	09/13/94	09/13/94
22	SL08BMSD	SL08BMSD	09/13/94	09/13/94
23	SL14B	SL14B	09/13/94	09/13/94
24	SL14BDL	SL14BDL		09/13/94
25				
26				

COMMENTS:

SAMPLE DATA

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: FB

% Moisture: _____ decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/01/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94

Injection Volume: 2 (uL) Dilution Factor: 1

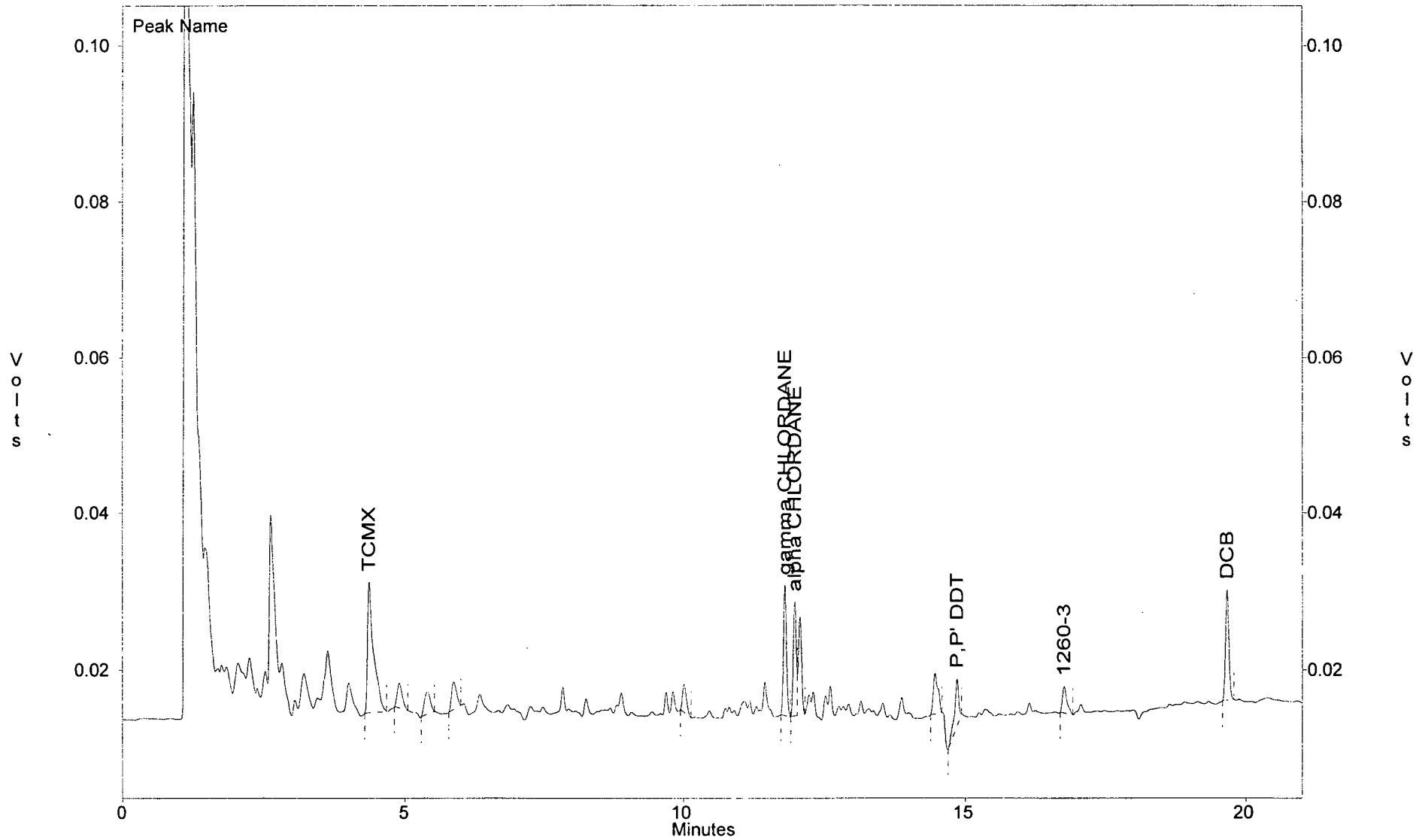
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.05	U J
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U J
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	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 J
72-43-5	Methoxychlor	0.50	U J
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.03	PJ
5103-74-2	gamma-Chlordane	0.06	P
8001-35-2	Toxaphene	5.00	U
12674-11-2	Aroclor-1016	1.00	U
11104-28-2	Aroclor-1221	2.00	U
11141-16-5	Aroclor-1232	1.00	U
53469-21-9	Aroclor-1242	1.00	U
12672-29-6	Aroclor-1248	1.00	U
11097-69-1	Aroclor-1254	1.00	U
11096-82-5	Aroclor-1260	1.00	U

0672

File : C:\EZCHROM\CHROM\EC1CLP\FB
Sample ID : fb
Acquired : Sep 06, 1994 14:26:31
User : mb

C:\EZCHROM\CHROM\EC1CLP\FB -- Channel B



0673

File : C:\EZCHROM\CHROM\EC1CLP\FB
Sample ID : fb
Acquired : Sep 06, 1994 14:26:31
User : mb

Channel B Results

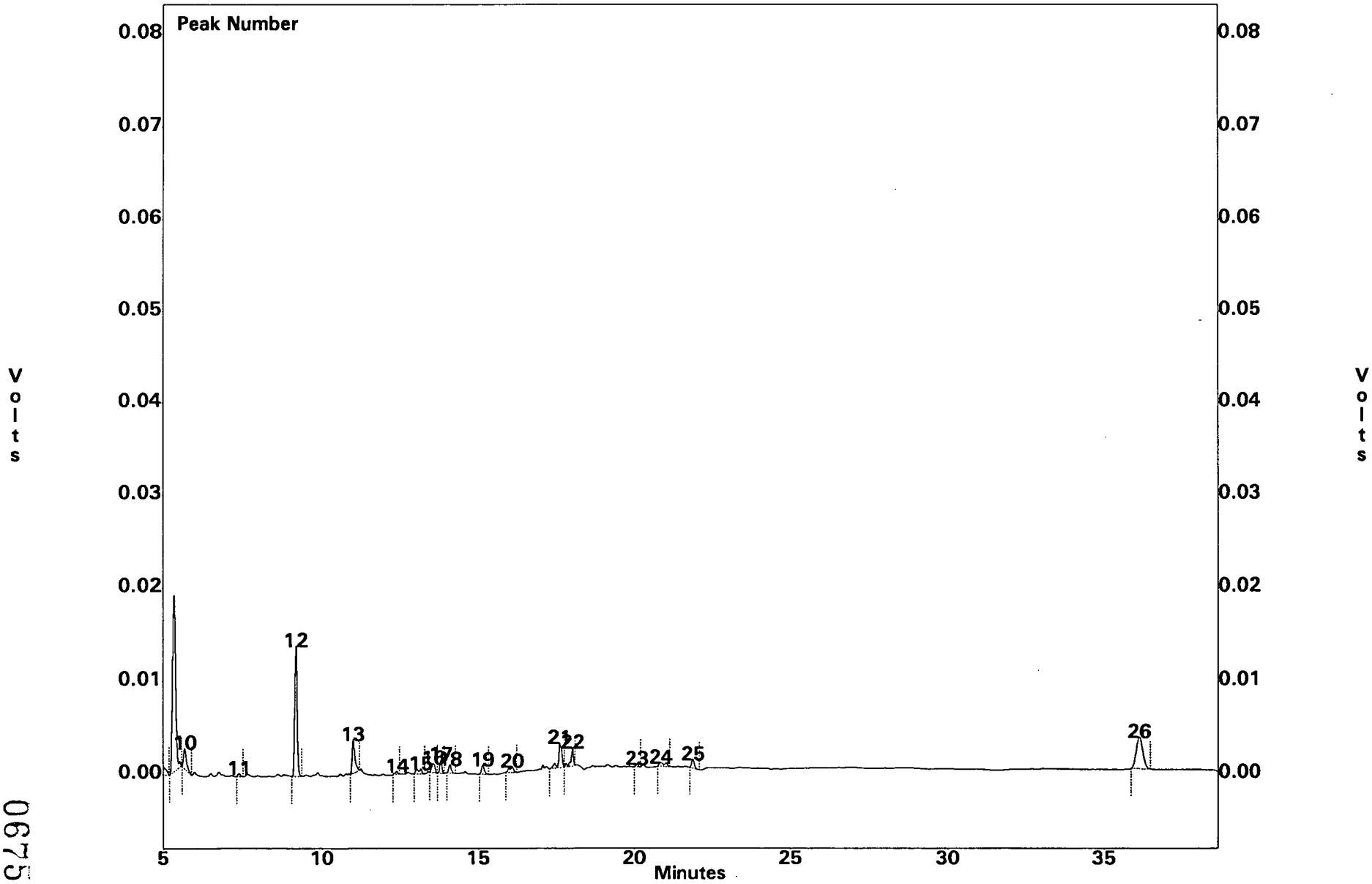
NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	125611	27.24
	gamma CHLORDANE	11.80	62263	12.85 ✓
	alpha CHLORDANE	11.98	51275	11.79 ✓
	P,P' DDT	14.85	30977	10.17 ✓
	~~1260-3~~	~~16.76~~	18407	41.79
	DCB	19.66	57488	13.95

Channel B Results

RT	AREA
4.90	19526
5.40	20492
5.88	21497
10.01	17773
12.07	47196
14.46	30166

File : C:\EZCHROM\CHROM\EC2\CLP\FB
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : FB
Acquired : Sep 13, 1994 12:11:26
User : MB

C:\EZCHROM\CHROM\EC2\CLP\FB -- Channel B



0675

File : C:\EZCHROM\CHROM\EC2\CLP\FB
Sample ID : FB
Acquired : Sep 13, 1994 12:11:26

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
12	TCMX	9.200	66173	19.231
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
15	BETA BHC	13.158	5653	2.874
18	HEPTACHLOR	14.100	5020	1.094
--	DELTA BHC	14.425	0	0.000
--	ALDRIN	15.325	0	0.000
--	HEPTACHLOR EPOXIDE	17.158	0	0.000
21	gamma CHLORDANE	17.600	20237	5.904
22	alpha CHLORDANE	18.008	10523	2.662
--	ENDOSULFAN I	18.100	0	0.000
--	P,P' DDE	18.600	0	0.000
--	DIELDRIN	18.950	0	0.000
23	ENDRIN	20.092	1617	0.816
--	P,P' DDD	20.292	0	0.000
--	ENDOSULFAN II	20.692	0	0.000
--	P,P' DDT	21.400	0	0.000
25	ENDRIN ALDEHYDE	21.883	5892	3.357
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
26	DCB	36.125	50676	13.740

Channel B Results

PEAK #	RT, MIN	AREA
1	1.200	875248
2	1.517	218564
3	1.683	535010
4	2.300	73380
5	2.800	2899
6	3.025	5704
7	4.217	8802
8	5.033	7874
9	5.350	119961
10	5.692	15307
11	7.408	1775
13	11.000	23034
14	12.417	2071
16	13.567	7097
17	13.800	6872
19	15.150	5948
20	16.083	6054
24	20.858	5788

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL01

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL01

Sample wt/vol: 35 (g/mL) g Lab File ID: SL01

% Moisture: 23 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

9/6/94

Injection Volume: 2 (uL) Dilution Factor: 1

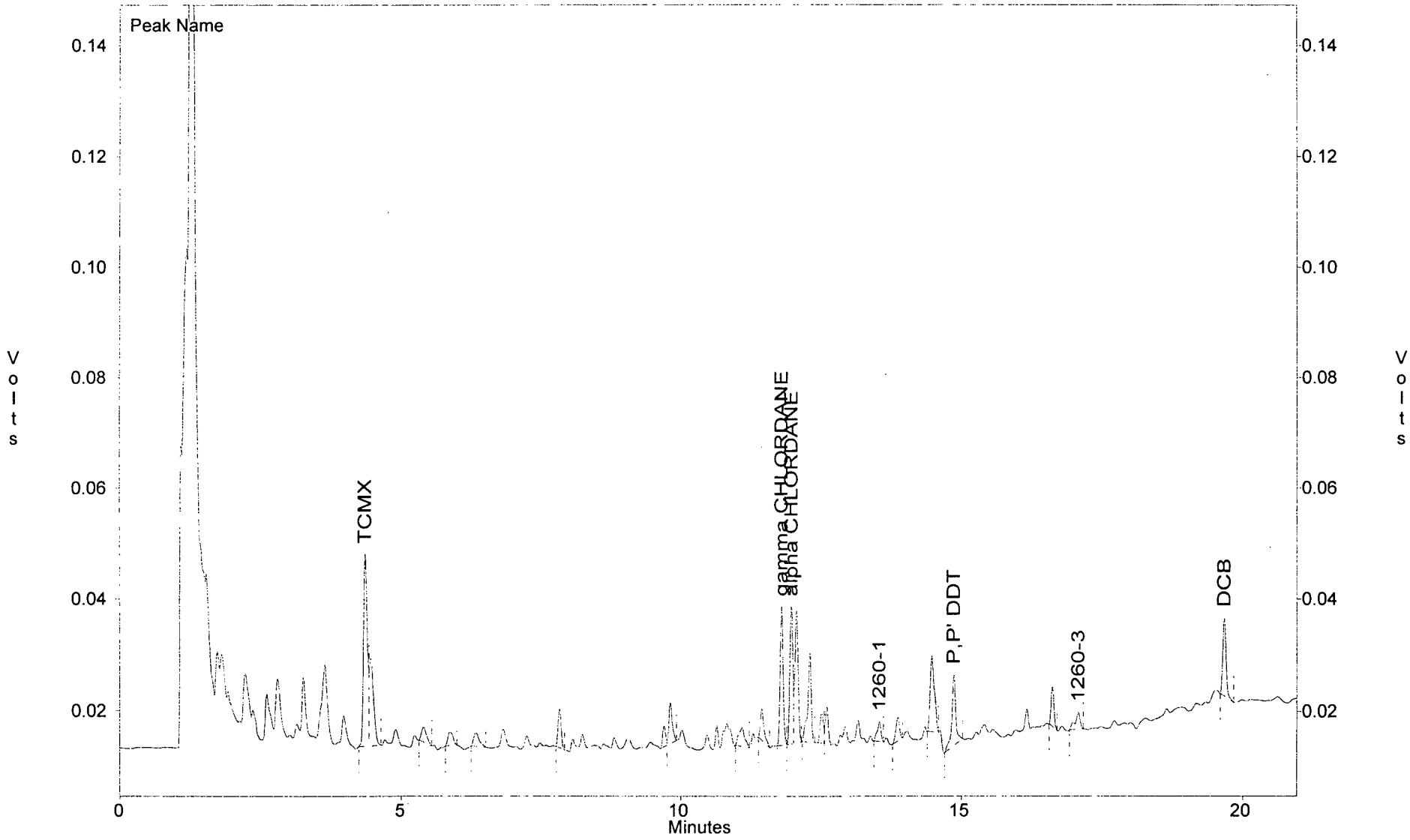
1

GPC Cleanup: (Y/N) y pH: 4.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
-29-3	4,4'-DDT	7.3	P
5103-71-9	alpha-Chlordane	7.6	
5103-74-2	gamma-Chlordane	7.1	P
12674-11-2	Aroclor-1016	37.1	U
11104-28-2	Aroclor-1221	74.2	U
11141-16-5	Aroclor-1232	37.1	U
53469-21-9	Aroclor-1242	37.1	U
12672-29-6	Aroclor-1248	37.1	U
11097-69-1	Aroclor-1254	37.1	U
11096-82-5	Aroclor-1260	37.1	U

File : C:\EZCHROM\CHROM\EC1CLP\SL01
Sample ID : SL01
Acquired : Sep 05, 1994 14:39:12
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL01 -- Channel B



0678

File : C:\EZCHROM\CHROM\EC1CLP\SL01
Sample ID : SL01
Acquired : Sep 05, 1994 14:39:12
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.36	158354	34.34
	gamma CHLORDANE	11.81	92697	19.13
	alpha CHLORDANE	11.99	88749	20.41
	~~1260-1~~	13.55	16658	41.87
	P,P' DDT	14.86	59727	19.60
	~~1260-3~~	17.08	18627	42.29
	DCB	19.67	55209	13.40

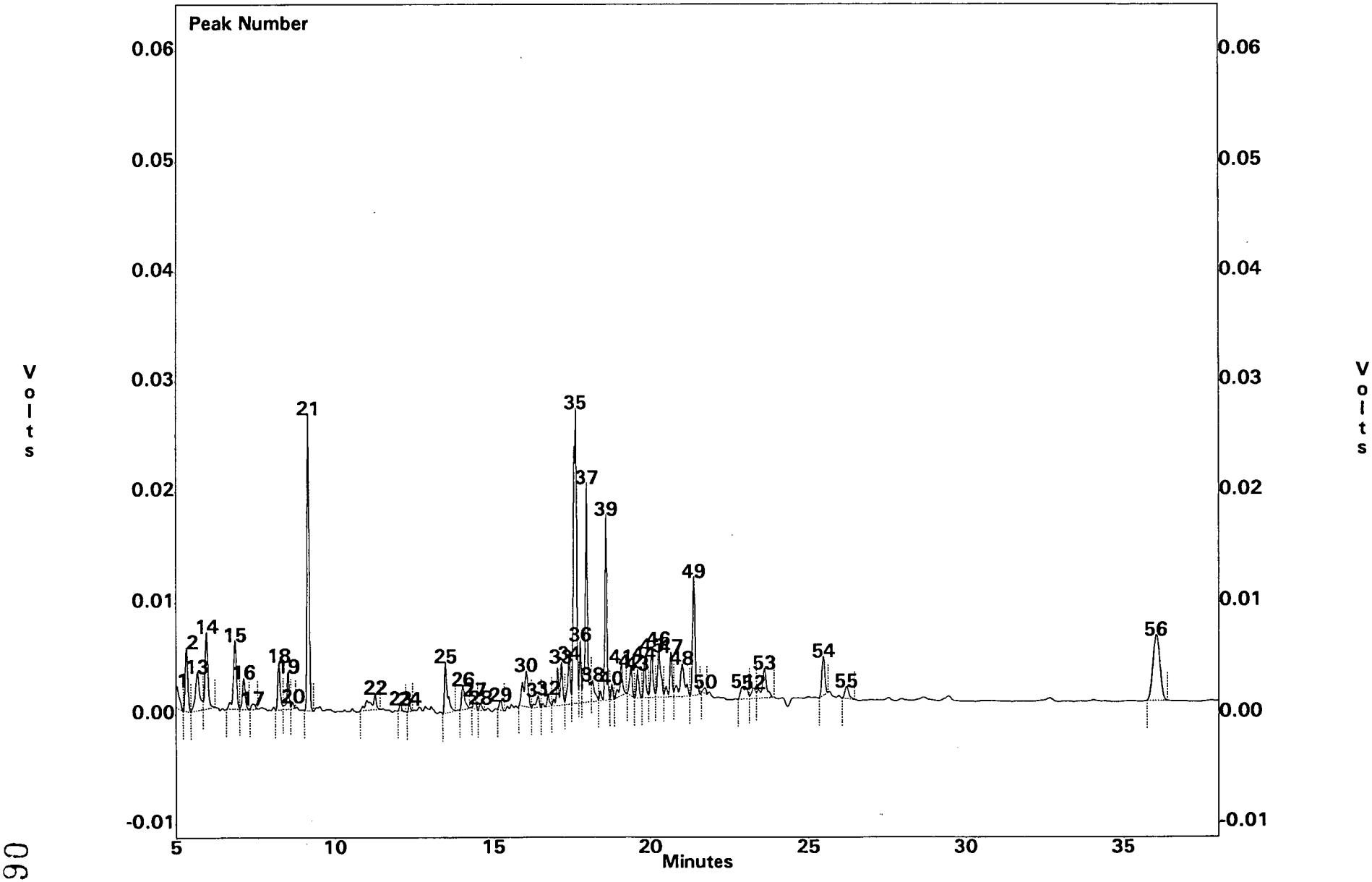
Channel B Results

RT	AREA
4.46	80921
5.40	17124
5.87	15656
6.34	16602
7.83	24843
9.81	32544
11.11	25646
11.46	25281
12.08	91604
12.32	70256
12.53	22828
12.62	23329
13.88	19351
14.48	70392
16.62	24674

0679

File : C:\EZCHROM\CHROM\EC2\CLP\SL01.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : sl01
Acquired : Sep 06, 1994 11:25:20
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL01.GC2 -- Channel B



0680

File : C:\EZCHROM\CHROM\EC2\CLP\SL01.GC2
Sample ID : sl01
Acquired : Sep 06, 1994 11:25:20

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.158	126060	36.635
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
26	HEPTACHLOR	14.050	15695	3.421
27	DELTA BHC	14.417	5567	2.047
29	ALDRIN	15.225	5181	1.401
33	HEPTACHLOR EPOXIDE	17.150	34361	9.808
35	gamma CHLORDANE	17.617	182965	53.375
37	alpha CHLORDANE	17.975	97390	24.633
38	ENDOSULFAN I	18.167	12723	3.384
39	P,P' DDE	18.592	69843	22.563
41	DIELDRIN	19.083	19562	5.655
45	ENDRIN	20.058	23174	11.691
46	P,P' DDD	20.275	30824	12.609
47	ENDOSULFAN II	20.658	23695	10.077
49	P,P' DDT	21.375	59521	35.811
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
54	METHOXYCHLOR	25.475	24273	17.936
--	ENDRIN KETONE	26.542	0	0.000
56	DCB	36.042	87810	23.809

Channel B Results

PEAK #	RT, MIN	AREA
1	1.192	283022
2	1.392	595178
3	1.708	1409399
4	2.117	112738
5	2.358	215429
6	2.808	21090
7	3.042	54990
8	3.733	12961
9	4.108	2430
10	4.367	26893
11	5.025	16512
12	5.333	32163
13	5.667	32470
14	5.967	42567
15	6.850	43002
16	7.125	16776
17	7.408	4159
18	8.242	22845
19	8.533	17114
20	8.683	2658
22	11.267	19700
23	12.075	3096
24	12.367	2796
25	13.500	29669
28	14.600	3480
30	16.050	34089
31	16.425	6781
32	16.742	7297
34	17.408	24471
36	17.767	21812
40	18.775	5513
42	19.392	14992
43	19.600	12640
44	19.825	17215
48	21.000	34400
50	21.725	2747
51	22.908	14575
52	23.258	9013
53	23.600	27566
55	26.208	9278

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL03

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL03

Sample wt/vol: 35.3 (g/mL) g Lab File ID: SL03

% Moisture: 16 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

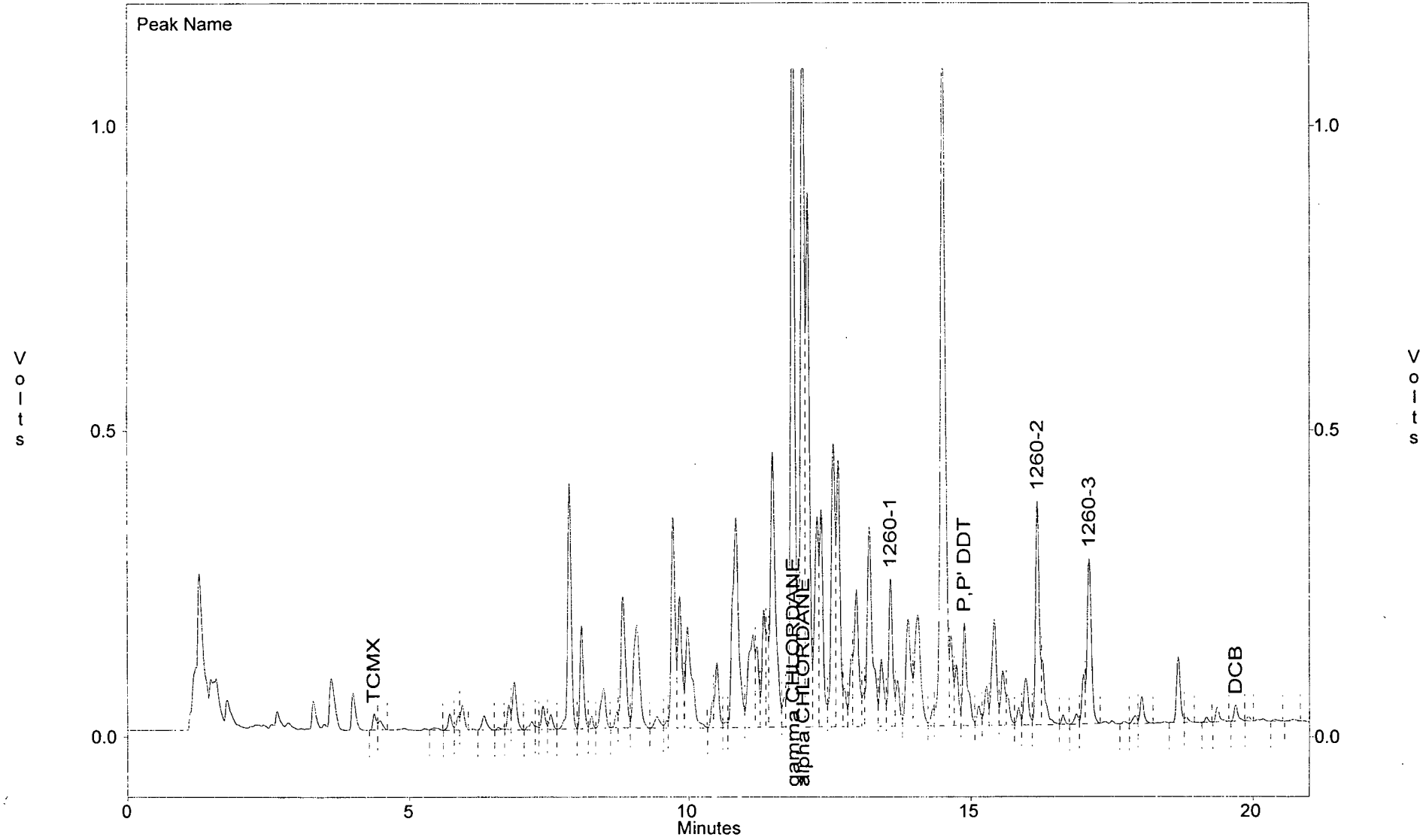
Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
[illegible]-29-3	4,4'-DDT	103.8	EY
[illegible]103-71-9	alpha-Chlordane	415.0	EY
5103-74-2	gamma-Chlordane	417.0	EY
12674-11-2	Aroclor-1016	33.7	UY
11104-28-2	Aroclor-1221	67.4	UY
11141-16-5	Aroclor-1232	33.7	UY
53469-21-9	Aroclor-1242	33.7	UY
12672-29-6	Aroclor-1248	33.7	UY
11097-69-1	Aroclor-1254	33.7	UY
11096-82-5	Aroclor-1260	1051.0	EY

File : C:\EZCHROM\CHROM\EC1CLP\SL03
Sample ID : SL03
Acquired : Sep 05, 1994 13:33:26
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL03 -- Channel B



0684

File : C:\EZCHROM\CHROM\EC1CLP\SL03
Sample ID : SL03
Acquired : Sep 05, 1994 13:33:26
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.37	116098	25.18
	gamma CHLORDANE	11.85	5998744	1237.81
	alpha CHLORDANE	12.02	5356179	1232.04
	1260-1	13.57	1160359	2916.15
	P,P' DDT	14.88	938491	308.02
	1260-2	16.18	1663367	3242.62
	1260-3	17.10	1404922	3189.36
	DCB	19.69	119920	29.10

Channel B Results

RT	AREA
4.48	77664
5.44	26539
5.72	120868
5.87	85930
5.94	188074
6.34	133235
6.59	15999
6.78	147104
6.87	396893
7.19	77294
7.27	17507
7.39	168359
7.52	108208
7.85	1807267
8.08	745186
8.26	74526
8.49	400836
8.72	89943
8.83	1229023

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL03
Sample ID : SL03
Acquired : Sep 05, 1994 13:33:26
User : mb

Channel B Results

RT	AREA
9.08	1263435
9.44	127565
9.61	44514
9.72	1601373
9.84	1067207
9.98	1251519
10.43	146769
10.50	504684
10.66	42564
10.83	2583359
11.13	1172456
11.20	524581
11.32	821555
11.38	415230
11.48	2816771
11.68	175748
12.09	4044238
12.26	1688147
12.34	1609863
12.55	2287453
12.64	2005612
12.75	245147
12.88	422761
12.96	1268537
13.09	155255
13.19	2087321
13.41	587430
13.70	344074
13.88	1116997
14.06	1336990
14.32	115410
14.51	6834531
14.65	596680

0686

Continued...

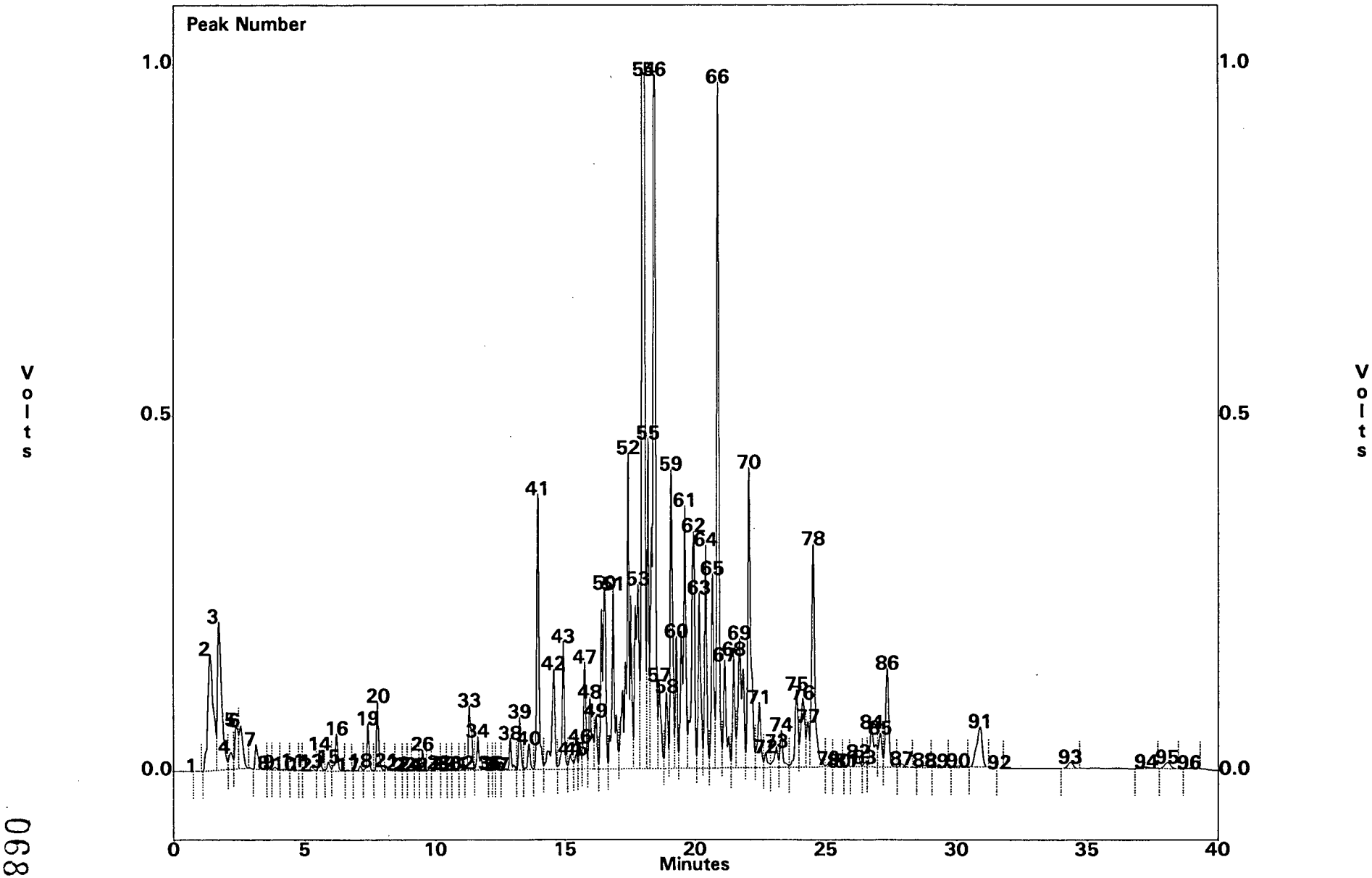
File : C:\EZCHROM\CHROM\EC1CLP\SL03
Sample ID : SL03
Acquired : Sep 05, 1994 13:33:26
User : mb

Channel B Results

RT	AREA
14.74	460755
15.14	138663
15.28	296350
15.42	1017629
15.57	448526
15.65	210820
15.85	111887
15.98	434306
16.27	509536
16.64	58467
16.88	77107
17.00	295282
17.71	16733
17.91	64055
18.03	196763
18.68	477065
18.82	40391
19.18	32510
19.37	113946
19.92	27098
20.38	17987
20.71	21808

File : C:\EZCHROM\CHROM\EC2\CLP\ZZ3
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\EC2CLP.MET
Sample ID : SL-03
Acquired : Oct 21, 1994 17:35:31
User : WS

C:\EZCHROM\CHROM\EC2\CLP\ZZ3 -- Channel B



0688

File : C:\EZCHROM\CHROM\EC2\CLP\ZZ3
Sample ID : SL-03
Acquired : Oct 21, 1994 17:35:31

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
26	TCMX	9.508	150026	36.892
35	alpha BHC	12.125	9091	2.027
--	gamma BHC	13.383	0	0.000
40	BETA BHC	13.642	230855	98.304
42	HEPTACHLOR	14.567	1312020	244.418
43	DELTA BHC	14.942	1161901	360.021
48	ALDRIN	15.975	789432	179.067
--	HEPTACHLOR EPOXIDE	17.575	0	0.000
54	gamma CHLORDANE	18.050	9936543	2437.309
56	alpha CHLORDANE	18.450	8137023	1999.134
57	ENDOSULFAN I	18.625	920779	233.165
59	P,P' DDE	19.075	2652015	758.470
61	DIELDRIN	19.608	3266586	847.769
66	ENDRIN	20.875	5476131	2008.843
--	P,P' DDD	20.900	0	0.000
68	ENDOSULFAN II	21.500	959690	327.689
70	P,P' DDT	22.075	3560388	1295.287
72	ENDRIN ALDEHYDE	22.708	189989	80.551
74	ENDOSULFAN SULFATE	23.308	398100	143.114
84	METHOXYCHLOR	26.767	714386	410.902
87	ENDRIN KETONE	27.908	50983	19.254
95	DCB	38.083	139579	30.938

Channel B Results

PEAK #	RT, MIN	AREA
1	0.908	6435
2	1.425	2528493
3	1.767	2286307
4	2.217	251562
5	2.417	547057
6	2.583	580987
7	3.167	298203
8	3.683	15602
9	3.900	38160
10	4.225	19915
11	4.550	51430
12	4.825	2989
13	5.250	53784
14	5.558	196834
15	5.900	96453
16	6.217	362095
17	6.642	8321
18	7.117	55620
19	7.417	396763
20	7.792	601445
21	8.125	52909
22	8.567	18456
23	8.850	9688
24	9.008	4964
25	9.258	4755
27	9.742	6711
28	10.117	45694
29	10.333	16424
30	10.542	6268
31	10.825	17129
32	11.058	14180
33	11.325	730454
34	11.658	358698
36	12.275	4386
37	12.417	4273
38	12.917	275405
39	13.283	445718
41	13.958	2351725
44	15.200	184638
45	15.450	161853
46	15.608	217624
47	15.783	948658
49	16.217	492933

Continued...

PEAK #	RT, MIN	AREA
50	16.525	2757671
51	16.875	1949308
52	17.433	4657965
53	17.817	2573566
55	18.200	2169353
58	18.900	701387
60	19.275	958692
62	19.933	3038401
63	20.158	1741396
64	20.408	1771631
65	20.667	1810611
67	21.142	1282179
69	21.717	2220616
71	22.467	778322
73	23.125	286407
75	23.892	873891
76	24.133	1046635
77	24.317	444926
78	24.508	2764128
79	25.100	48294
80	25.508	15870
81	25.800	4362
82	26.250	136670
83	26.508	50789
85	27.092	415773
86	27.350	1259757
88	28.783	45349
89	29.258	33039
90	30.075	37473
91	30.900	848192
92	31.642	3642
93	34.392	123693
94	37.275	51054
96	38.933	18107

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL03DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL03DL

Sample wt/vol: 35.3 (g/mL) g Lab File ID: SL03DL

% Moisture: 16 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94
9/5/94

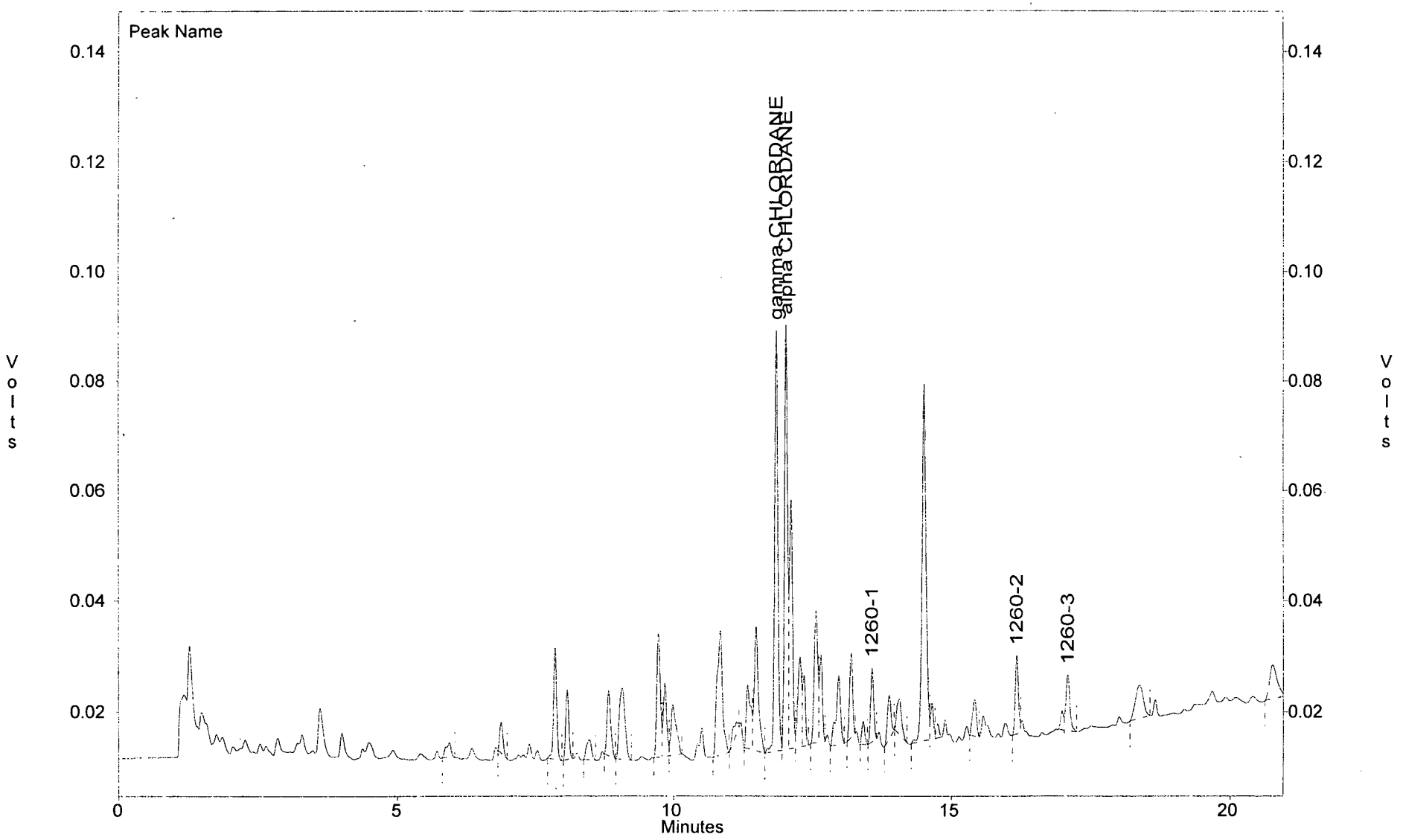
Injection Volume: 2 (uL) Dilution Factor: 25
25

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	84.3	DU
5103-71-9	alpha-Chlordane	357.0	DP
5103-74-2	gamma-Chlordane	429.0	D
12674-11-2	Aroclor-1016	843.1	DU
11104-28-2	Aroclor-1221	1686.2	DU
11141-16-5	Aroclor-1232	843.1	DU
53469-21-9	Aroclor-1242	843.1	DU
12672-29-6	Aroclor-1248	843.1	DU
11097-69-1	Aroclor-1254	843.1	DU
11096-82-5	Aroclor-1260	979.0	DP

File : C:\EZCHROM\CHROM\EC1CLP\SL03DL
Sample ID : SL03DL25
Acquired : Sep 05, 1994 14:14:04
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL03DL -- Channel B



0693

File : C:\EZCHROM\CHROM\EC1CLP\SL03DL
Sample ID : SL03DL25
Acquired : Sep 05, 1994 14:14:04
User : mb

Channel B Results

	COMPOUND	RT	AREA	EXTD CONC.
NG/ML	gamma CHLORDANE	11.83	301882	62.29
	alpha CHLORDANE	12.01	297169	68.36
	1260-1	13.57	51442	129.28
	1260-2	16.18	55609	108.41
	1260-3	17.09	48765	110.70

Channel B Results

RT	AREA
5.94	18004
6.88	22887
7.86	80725
8.08	51293
8.49	23373
8.83	52378
9.08	91254
9.73	98165
9.84	55403
9.98	59145
10.84	152085
11.14	15888
11.33	65683
11.48	115687
12.10	181746
12.26	78102
12.34	43933
12.55	107666
12.64	56557

Continued...

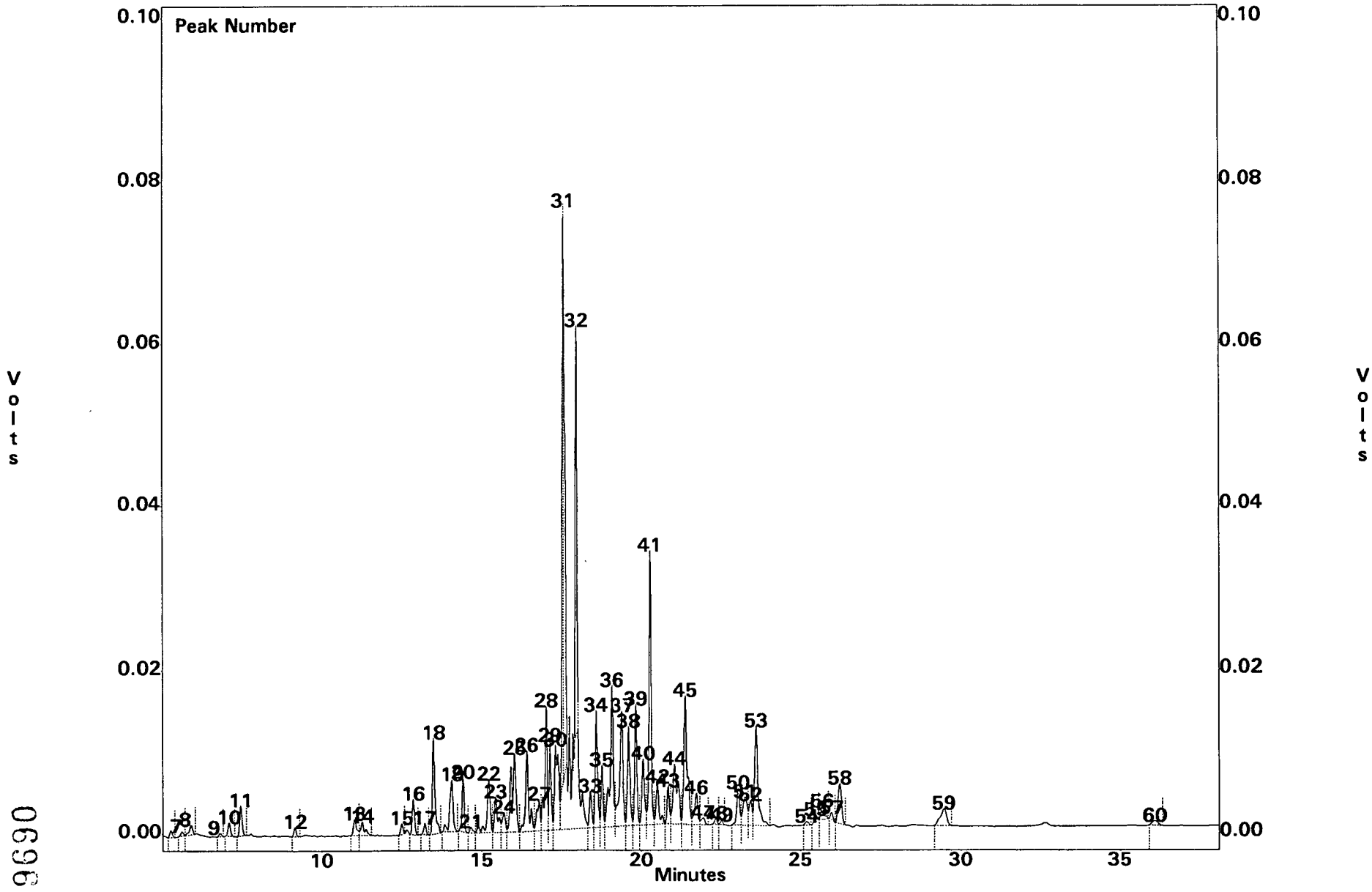
File : C:\EZCHROM\CHROM\EC1CLP\SL03DL
Sample ID : SL03DL25
Acquired : Sep 05, 1994 14:14:04
User : mb

Channel B Results

RT	AREA
12.96	70852
13.19	59827
13.41	15318
13.88	34274
14.06	35842
14.50	325618
14.65	24217
15.42	32045
18.38	57301
20.77	58392

File : C:\EZCHROM\CHROM\EC2\CLP\SL03DL25.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL03DL25
Acquired : Sep 05, 1994 19:31:39
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL03DL25.GC2 -- Channel B



0696

File : C:\EZCHROM\CHROM\EC2\CLP\SL03DL25.GC2
Sample ID : SL03DL25
Acquired : Sep 05, 1994 19:31:39

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
12	TCMX	9.158	5328	1.548
--	alpha BHC	11.617	0	0.000
16	gamma BHC	12.867	23697	6.054
--	BETA BHC	13.150	0	0.000
19	HEPTACHLOR	14.083	48301	10.528
20	DELTA BHC	14.425	33675	12.382
22	ALDRIN	15.233	48955	13.237
29	HEPTACHLOR EPOXIDE	17.150	51228	14.623
31	gamma CHLORDANE	17.567	174544	50.919
32	alpha CHLORDANE	17.983	167528	42.372
--	ENDOSULFAN I	18.100	0	0.000
34	P,P' DDE	18.600	69384	22.415
35	DIELDRIN	18.775	33395	9.654
40	ENDRIN	20.067	45855	23.133
41	P,P' DDD	20.275	157378	64.378
42	ENDOSULFAN II	20.517	33767	14.360
45	P,P' DDT	21.383	122299	73.581
46	ENDRIN ALDEHYDE	21.742	28724	16.363
48	ENDOSULFAN SULFATE	22.342	4008	1.948
55	METHOXYCHLOR	25.483	5586	4.128
--	ENDRIN KETONE	26.542	0	0.000
60	DCB	36.075	6794	1.842

Channel B Results

PEAK #	RT, MIN	AREA
1	1.167	42629
2	1.717	128326
3	2.117	8747
4	2.342	38080
5	3.050	7934
6	5.333	5082
7	5.675	3509
8	5.967	8795
9	6.858	2469
10	7.133	8946
11	7.500	19359
13	11.017	14220
14	11.267	14222
15	12.500	6323
17	13.217	7517
18	13.508	66518
21	14.667	4250
23	15.450	33398
24	15.717	16605
25	16.050	102005
26	16.433	68247
27	16.808	26552
28	17.033	80335
30	17.325	87763
33	18.425	22346
36	19.092	119773
37	19.400	108516
38	19.608	67577
39	19.833	72453
43	20.842	22997
44	21.050	78907
47	21.950	7051
49	22.525	2896
50	23.050	30684
51	23.267	33969
52	23.442	21071
53	23.617	97691
54	25.208	3223
56	25.683	12132
57	25.983	4856
58	26.225	38257
59	29.483	28104

0698

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL04

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL04

Sample wt/vol: 35.1 (g/mL) g Lab File ID: SL04

% Moisture: 12 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94
9/6/94

Injection Volume: 2 (uL) Dilution Factor: 1
1

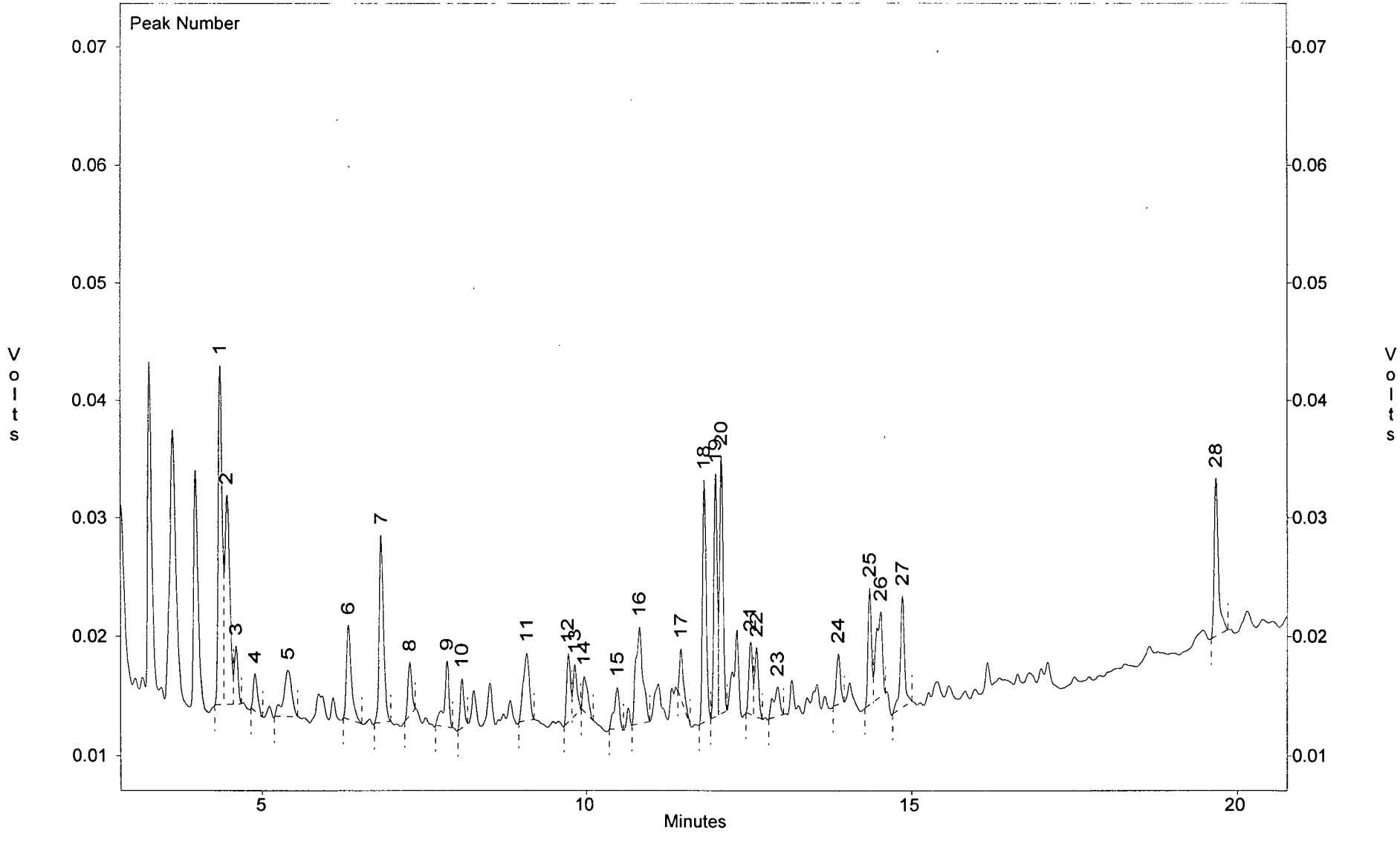
GPC Cleanup: (Y/N) y pH: 5.5 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND	UG/KG	Q
319-84-6	alpha-BHC	1.6	U
319-85-7	beta-BHC	1.6	U
319-86-8	delta-BHC	1.6	U
58-89-9	gamma-BHC (Lindane)	1.6	U
76-44-8	Heptachlor	1.6	U
309-00-2	Aldrin	1.6	U
1024-57-3	Heptachlor epoxide	1.6	U
959-98-8	Endosulfan I	1.6	U
60-57-1	Dieldrin	3.2	U
72-55-9	4,4'-DDE	3.2	U
72-20-8	Endrin	3.2	U
33213-65-9	Endosulfan II	3.2	U
72-54-8	4,4'-DDD	4.4	P
1031-07-8	Endosulfan sulfate	3.2	U
50-29-3	4,4'-DDT	4.3	P
72-43-5	Methoxychlor	16.2	U
53494-70-5	Endrin ketone	3.2	U
7421-36-3	Endrin aldehyde	3.2	U
5103-71-9	alpha-Chlordane	5.7	P
5103-74-2	gamma-Chlordane	5.2	P
8001-35-2	Toxaphene	161.9	U
12674-11-2	Aroclor-1016	32.4	U
11104-28-2	Aroclor-1221	64.8	U
11141-16-5	Aroclor-1232	32.4	U
53469-21-9	Aroclor-1242	32.4	U
12672-29-6	Aroclor-1248	32.4	U
11097-69-1	Aroclor-1254	32.4	U
11096-82-5	Aroclor-1260	32.4	U

File : C:\EZCHROM\CHROM\EC1CLP\SL04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL04
Acquired : Sep 05, 1994 15:03:44
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL04 -- Channel B



0700

File : C:\EZCHROM\CHROM\EC1CLP\SL04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SLO4
Acquired : Sep 05, 1994 15:03:44
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.35	122224	26.51
--	alpha BHC	6.68	0	0.00
9	~~(gamma BHC)~~	7.83	28078	5.73
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
16	~~(HEPTACHLOR EPOXIDE)~~	10.81	60632	14.31
17	ENDOSULFAN I	11.45	18288	4.00
18	gamma CHLORDANE	11.81	77362	15.96
19	alpha CHLORDANE	11.98	76158	17.52
--	P,P' DDE	12.31	0	0.00
21	(DIELDRIN)	12.52	24988	6.59
23	(ENDRIN)	12.94	17038	13.24
25	(ENDOSULFAN II)	14.36	35607	12.40
26	P,P' DDD	14.53	47083	17.46
27	P,P' DDT	14.86	40688	13.35
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
2		4.46	91068
3		4.60	19600
4		4.89	15055
5		5.39	34070
6		6.31	40407
7		6.81	73068

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SLO4
Acquired : Sep 05, 1994 15:03:44
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
--	ENDRIN KETONE	17.38	0	0.00
28	DCB	19.68	59613	14.46

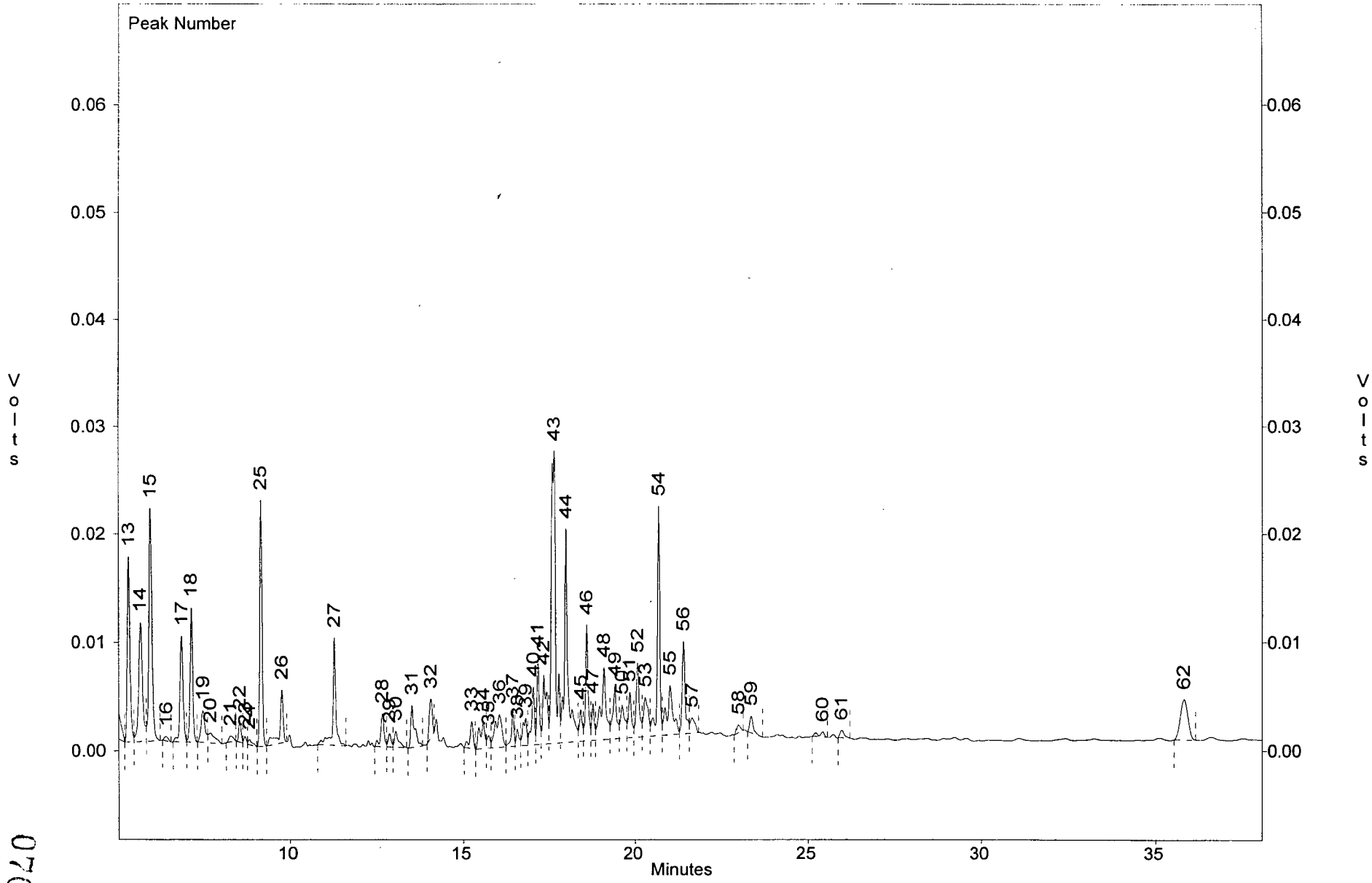
File : C:\EZCHROM\CHROM\EC1CLP\SL04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SLO4
Acquired : Sep 05, 1994 15:03:44
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
8		7.25	18717
10		8.06	15598
11		9.07	36080
12		9.70	23983
13		9.81	18991
14		9.96	16776
15		10.47	19329
20		12.08	80773
22		12.62	22616
24		13.88	18162

File : C:\EZCHROM\CHROM\EC2CLP\SL04
Method : C:\EZCHROM\METHODS\EC2\EC2CLP.MET
Sample ID : sl04
Acquired : Sep 06, 1994 12:06:38
User : mb

C:\EZCHROM\CHROM\EC2CLP\SL04 -- Channel B



0704

File : C:\EZCHROM\CHROM\EC2CLP\SL04
Sample ID : sl04
Acquired : Sep 06, 1994 12:06:38

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
25	TCMX	9.150	107543	31.253
--	alpha BHC	11.617	0	0.000
30	gamma BHC	13.042	11915	3.044
--	BETA BHC	13.150	0	0.000
32	HEPTACHLOR	14.050	21328	4.649
--	DELTA BHC	14.425	0	0.000
33	ALDRIN	15.233	16727	4.523
41	HEPTACHLOR EPOXIDE	17.150	37567	10.723
43	gamma CHLORDANE	17.617	234450	68.395
44	alpha CHLORDANE	17.975	148534	37.568
--	ENDOSULFAN I	18.100	0	0.000
46	P,P' DDE	18.592	54758	17.690
48	~~DIELDRIN~~	19.092	66698	19.282
52	ENDRIN	20.058	43354	21.872
53	P,P' DDD	20.283	33064	13.525
54	ENDOSULFAN II	20.667	109816	46.700
56	P,P' DDT	21.375	51439	30.948
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
60	METHOXYCHLOR	25.400	5466	4.039
--	ENDRIN KETONE	26.542	0	0.000
62	DCB	35.792	54714	14.835

37.1

0705

Channel B Results

PEAK #	RT, MIN	AREA
1	1.150	1523950
2	1.525	390485
3	1.708	1673199
4	2.117	187989
5	2.467	590865
6	2.808	9398
7	3.042	133533
8	3.667	48621
9	4.058	14044
10	4.333	58743
11	4.625	12403
12	5.033	21538
13	5.333	100670
14	5.667	85908
15	5.958	128210
16	6.408	3193
17	6.850	63140
18	7.125	65671
19	7.467	21883
20	7.675	13112
21	8.258	5025
22	8.533	9092
23	8.683	3296
24	8.817	3989
26	9.758	35411
27	11.258	61882
28	12.650	20224
29	12.858	7497
31	13.500	30341
34	15.567	24524
35	15.717	7223
36	16.042	42751
37	16.433	18842
38	16.567	8717
39	16.808	18864
40	17.025	29559
42	17.325	52732
45	18.425	17190

Continued...

PEAK #	RT, MIN	AREA
47	18.775	17671
49	19.408	39049
50	19.608	26323
51	19.833	26995
55	20.992	58015
57	21.625	13941
58	22.975	5798
59	23.342	11370
61	25.950	6006

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL05

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL05

Sample wt/vol: 35.3 (g/mL) g Lab File ID: SL05

% Moisture: 14 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94

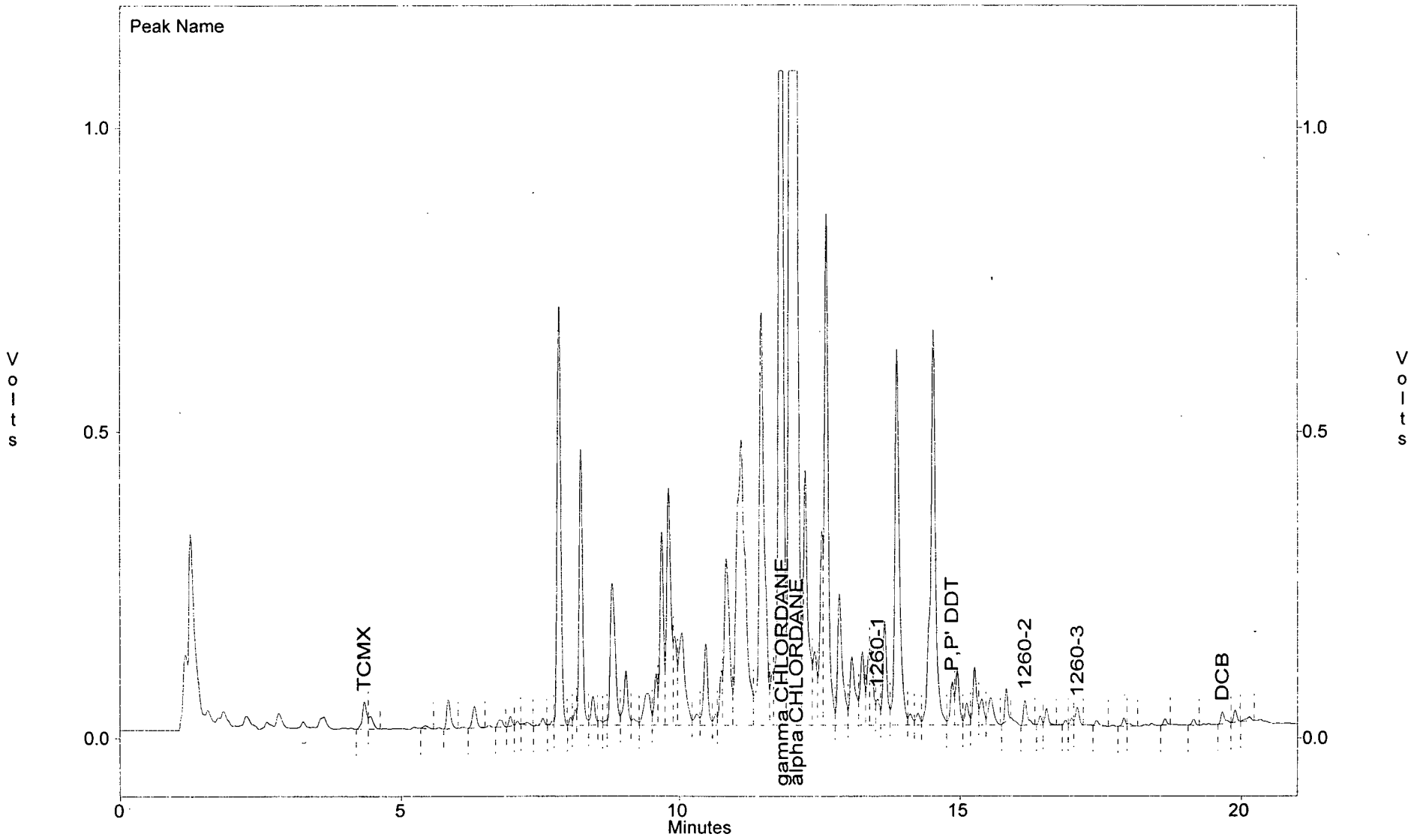
Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
50-29-3	4,4'-DDT	31.7	EY
5103-71-9	alpha-Chlordane	993.0	EY
5103-74-2	gamma-Chlordane	525.0	EY
12674-11-2	Aroclor-1016	32.9	UY
11104-28-2	Aroclor-1221	65.9	UY
11141-16-5	Aroclor-1232	32.9	UY
53469-21-9	Aroclor-1242	32.9	UY
12672-29-6	Aroclor-1248	32.9	UY
11097-69-1	Aroclor-1254	32.9	UY
11096-82-5	Aroclor-1260	32.9	UY

File : C:\EZCHROM\CHROM\EC1CLP\SL05
Sample ID : SL05
Acquired : Sep 05, 1994 15:27:53
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL05 -- Channel B



0709

File : C:\EZCHROM\CHROM\EC1CLP\SL05
Sample ID : SLO5
Acquired : Sep 05, 1994 15:27:53
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	232966	50.53
	gamma CHLORDANE	11.83	7719898	1592.96
	alpha CHLORDANE	12.09	13111149	3015.86
	~~1260-1~~	13.54	189139	475.34
	P,P' DDT	14.86	293565	96.35
	~~1260-2~~	16.15	189677	369.76
	~~1260-3~~	17.07	135756	308.18
	DCB	19.67	96334	23.37

Channel B Results

RT	AREA
4.45	117536
5.42	26190
5.84	229714
6.31	183329
6.79	72486
6.96	58815
7.08	18559
7.27	27058
7.54	52365
7.71	22507
7.82	3082205
8.04	44919
8.13	85313
8.24	2024075
8.47	234226
8.59	35168
8.70	33373
8.80	1399440
9.05	459846

0710

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL05
Sample ID : SLO5
Acquired : Sep 05, 1994 15:27:53
User : mb

Channel B Results

RT	AREA
9.18	64303
9.42	448552
9.59	331063
9.69	1406013
9.81	2024239
9.92	588249
10.04	1177817
10.31	113358
10.47	670029
10.64	72627
10.75	289529
10.83	1766751
11.10	5016902
11.45	4467394
11.66	310254
12.24	2440124
12.41	577422
12.53	1224131
12.61	4068385
12.85	1272693
13.07	721386
13.26	635169
13.38	412042
13.42	536242
13.67	844032
13.88	3467572
14.12	92820
14.26	88871
14.53	3891394
14.95	433045
15.12	164406
15.26	445111
15.39	221770

Continued...

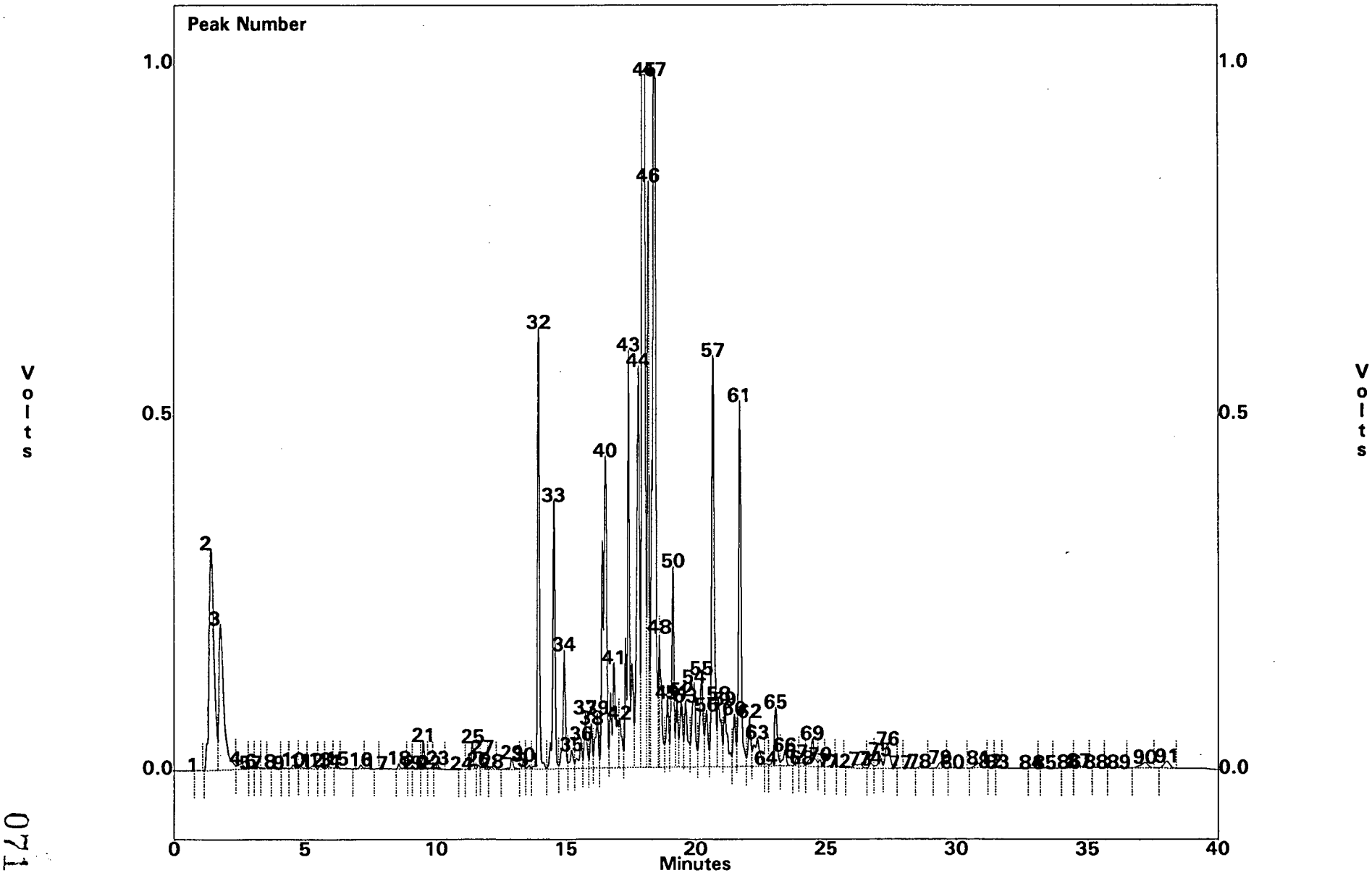
File : C:\EZCHROM\CHROM\EC1CLP\SL05
Sample ID : SLO5
Acquired : Sep 05, 1994 15:27:53
User : mb

Channel B Results

RT	AREA
15.55	281691
15.82	179308
16.42	48120
16.53	110295
16.86	26383
16.97	42473
17.41	42167
17.91	56423
18.00	23870
18.64	39749
19.16	40317
19.89	78038
20.14	42284

File : C:\EZCHROM\CHROM\EC2\CLP\ZZ2
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\EC2CLP.MET
Sample ID : SL-05
Acquired : Oct 21, 1994 16:53:01
User : WS

C:\EZCHROM\CHROM\EC2\CLP\ZZ2 -- Channel B



0713

File : C:\EZCHROM\CHROM\EC2\CLP\ZZ2
Sample ID : SL-05
Acquired : Oct 21, 1994 16:53:01

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.508	200054	49.195
--	alpha BHC	12.033	0	0.000
30	gamma BHC	13.367	65583	14.750
31	BETA BHC	13.592	37583	16.004
33	HEPTACHLOR	14.533	2367668	441.076
34	DELTA BHC	14.942	1113720	345.092
38	ALDRIN	15.992	366244	83.075
--	HEPTACHLOR EPOXIDE	17.575	0	0.000
45	gamma CHLORDANE	18.058	10494422	2574.149
47	alpha CHLORDANE	18.450	10842151	2663.739
48	ENDOSULFAN I	18.617	1520048	384.916
50	P,P' DDE	19.133	1773036	507.084
52	DIELDRIN	19.467	698241	181.213
57	ENDRIN	20.650	3929075	1441.327
58	P,P' DDD	20.858	892672	361.348
60	ENDOSULFAN II	21.467	477243	162.956
62	P,P' DDT	22.058	486434	176.967
64	ENDRIN ALDEHYDE	22.692	29217	12.388
--	ENDOSULFAN SULFATE	23.217	0	0.000
--	METHOXYCHLOR	26.550	0	0.000
--	ENDRIN KETONE	27.708	0	0.000
91	DCB	38.033	147785	32.757

Channel B Results

PEAK #	RT, MIN	AREA
1	0.925	5727
2	1.425	4195986
3	1.775	2624526
4	2.575	120734
5	2.942	8257
6	3.167	26084
7	3.383	13653
8	3.908	28308
9	4.242	8647
10	4.550	47961
11	4.833	20707
12	5.250	43323
13	5.567	35110
14	5.917	18067
15	6.217	32172
16	7.117	37794
17	7.717	3215
18	8.575	48203
19	9.008	3931
20	9.208	9140
22	9.725	6687
23	10.050	50438
24	10.975	5146
25	11.400	205109
26	11.617	30153
27	11.775	117550
28	12.133	22378
29	12.917	122797
32	13.958	3432920
35	15.225	235705
36	15.600	355312
37	15.758	549377
39	16.225	607143
40	16.525	4654067
41	16.867	1776144
42	17.083	553827
43	17.433	4236485
44	17.808	4322182
46	18.192	3738638
49	18.925	650854
51	19.292	580153
53	19.625	762257
54	19.942	1178247

Continued...

PEAK #	RT, MIN	AREA
55	20.225	1098179
56	20.408	627591
59	21.092	867800
61	21.667	3490418
63	22.350	626381
65	23.058	747895
66	23.425	204133
67	23.867	83475
68	24.075	49269
69	24.483	429585
70	24.767	76455
71	25.142	19723
72	25.492	7557
73	26.325	121405
74	26.725	60446
75	27.067	190178
76	27.367	423663
77	27.858	4415
78	28.583	23670
79	29.383	78664
80	29.867	27052
81	30.858	98343
82	31.308	6789
83	31.600	5491
84	32.875	6131
85	33.392	11157
86	34.317	16743
87	34.692	42949
88	35.317	5998
89	36.217	18463
90	37.200	158693

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL05DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL05DL

Sample wt/vol: 35.3 (g/mL) g Lab File ID: SL05DL

% Moisture: 14 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94
9/6/94

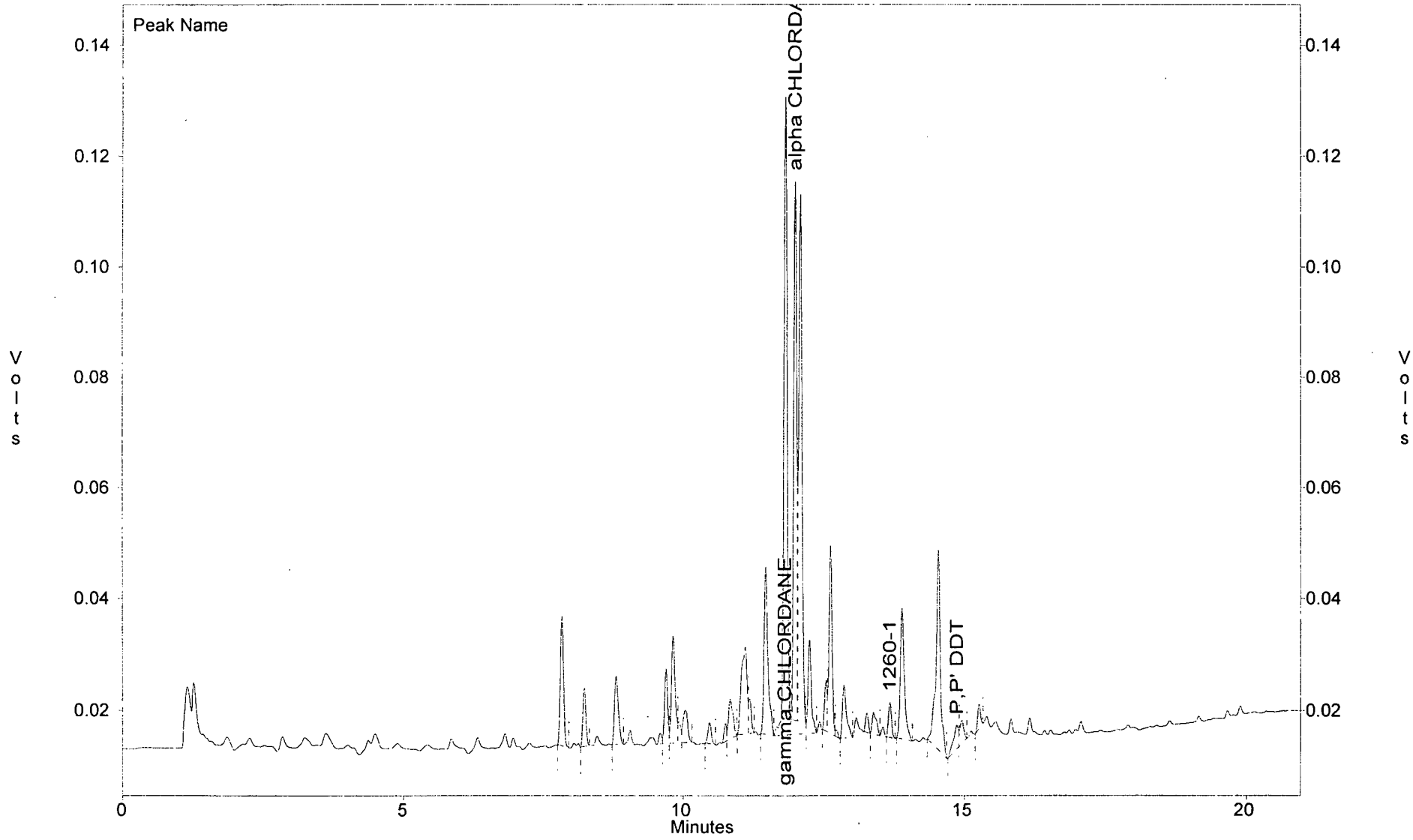
Injection Volume: 2 (uL) Dilution Factor: 50
50

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
-29-3	4,4'-DDT	35.0	PDJ
5103-71-9	alpha-Chlordane	673.0	PD
5103-74-2	gamma-Chlordane	819.0	PD
12674-11-2	Aroclor-1016	1647.0	DU
11104-28-2	Aroclor-1221	3294.0	DU
11141-16-5	Aroclor-1232	1647.0	DU
53469-21-9	Aroclor-1242	1647.0	DU
12672-29-6	Aroclor-1248	1647.0	DU
11097-69-1	Aroclor-1254	1647.0	DU
11096-82-5	Aroclor-1260	1647.0	DU

File : C:\EZCHROM\CHROM\EC1CLP\SL05DL
Sample ID : SL05DL50
Acquired : Sep 05, 1994 16:00:13
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL05DL -- Channel B



0718

File : C:\EZCHROM\CHROM\EC1CLP\SL05DL
Sample ID : SL05DL50
Acquired : Sep 05, 1994 16:00:13
User : mb

Channel B Results

	COMPOUND	RT	AREA	EXTD CONC.
NG/ML	gamma CHLORDANE	11.81	423907	87.47
	alpha CHLORDANE	11.98	345686	79.52
	~~1260-1~~	13.67	23246	58.42
	P,P' DDT	14.86	26743	8.78

Channel B Results

RT	AREA
7.83	90987
8.24	39363
8.81	56770
9.69	51262
9.82	85919
10.05	33272
10.47	16038
10.83	38229
11.10	110362
11.18	19672
11.46	140979
12.07	387033
12.24	66505
12.54	28422
12.62	123139
12.86	47226
13.38	20698
13.88	113633
14.53	196097

0719

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL05DL
Sample ID : SL05DL50
Acquired : Sep 05, 1994 16:00:13
User : mb

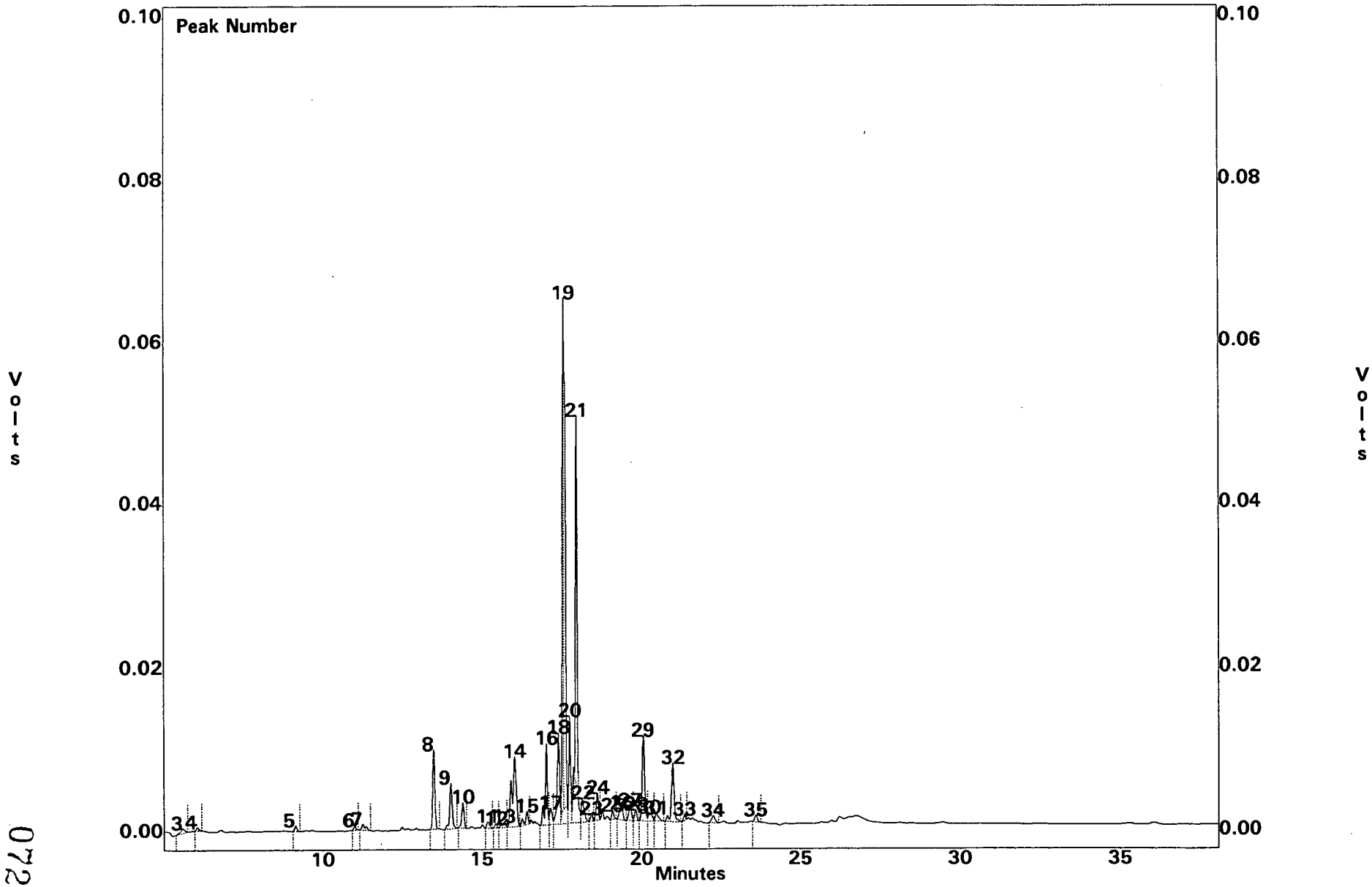
Channel B Results

RT	AREA
14.95	19920
15.26	15132

0720

File : C:\EZCHROM\CHROM\EC2\CLP\SL05D50.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : sl05dl50x
Acquired : Sep 06, 1994 13:29:46
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL05D50.GC2 -- Channel B



0721

File : C:\EZCHROM\CHROM\EC2\CLP\SL05D50.GC2
Sample ID : sl05dl50x
Acquired : Sep 06, 1994 13:29:46

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.150	3249	0.944
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
9	HEPTACHLOR	14.033	32239	7.027
10	DELTA BHC	14.417	16666	6.128
--	ALDRIN	15.325	0	0.000
17	HEPTACHLOR EPOXIDE	17.150	11549	3.297
19	gamma CHLORDANE	17.558	170403	49.711
21	alpha CHLORDANE	17.975	161506	40.849
22	ENDOSULFAN I	18.167	18509	4.923
24	P,P' DDE	18.633	16152	5.218
25	DIELDRIN	19.092	5385	1.557
29	ENDRIN	20.050	57655	29.086
30	P,P' DDD	20.250	8790	3.596
--	ENDOSULFAN II	20.692	0	0.000
33	P,P' DDT	21.367	3485	2.097
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

0722

Channel B Results

PEAK #	RT, MIN	AREA
1	1.142	98232
2	1.708	60015
3	5.658	5513
4	6.117	2433
6	11.000	2572
7	11.258	5648
8	13.492	44470
11	15.192	4944
12	15.450	2850
13	15.717	5316
14	16.042	84649
15	16.417	11121
16	17.025	48250
18	17.400	61507
20	17.767	49405
23	18.442	3801
26	19.392	10761
27	19.642	12170
28	19.825	7669
31	20.467	6371
32	20.992	45325
34	22.267	6613
35	23.600	5143

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL6/7

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL6/7

Sample wt/vol: 35.2 (g/mL) g Lab File ID: SL6/7

% Moisture: 17 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94
9/6/94

Injection Volume: 2 (uL) Dilution Factor: 1
1

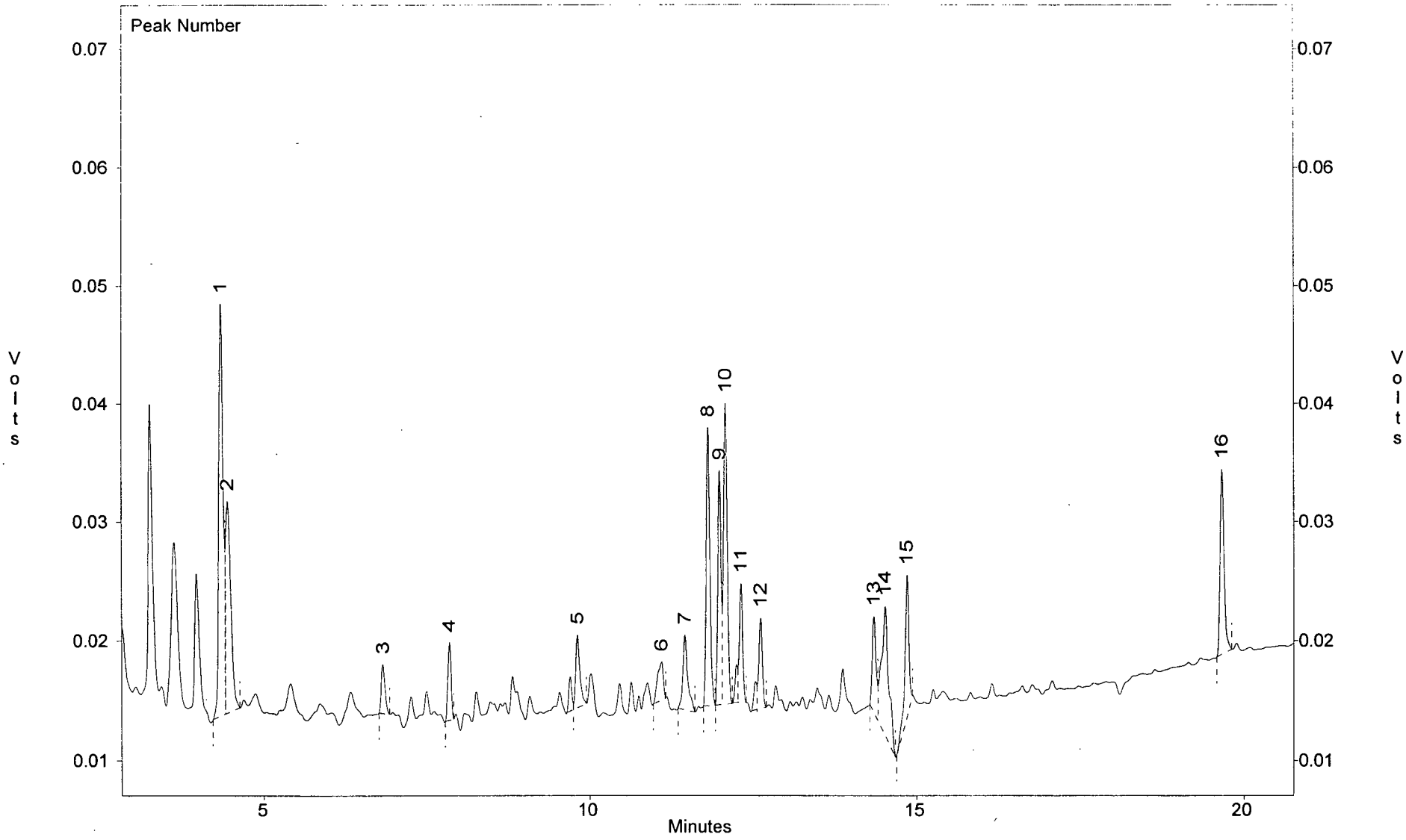
GPC Cleanup: (Y/N) y pH: 5.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4'-DDE	3.1	JP
72-20-8	Endrin	3.4	U
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4'-DDD	3.9	P
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4'-DDT	5.6	
72-43-5	Methoxychlor	17.1	U
53494-70-5	Endrin ketone	3.4	U
7421-36-3	Endrin aldehyde	3.4	U
5103-71-9	alpha-Chlordane	2.8	P
5103-74-2	gamma-Chlordane	6.3	
8001-35-2	Toxaphene	171.1	U
12674-11-2	Aroclor-1016	34.2	U
11104-28-2	Aroclor-1221	68.5	U
11141-16-5	Aroclor-1232	34.2	U
53469-21-9	Aroclor-1242	34.2	U
12672-29-6	Aroclor-1248	34.2	U
11097-69-1	Aroclor-1254	34.2	U
11096-82-5	Aroclor-1260	34.2	U

0724

File : C:\EZCHROM\CHROM\EC1CLP\SL67
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL-6/7
Acquired : Sep 05, 1994 16:24:23
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL67 -- Channel B



0125

File : C:\EZCHROM\CHROM\EC1CLP\SL67
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL-6/7
Acquired : Sep 05, 1994 16:24:23
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.34	167815	36.40
--	alpha BHC	6.68	0	0.00
4	gamma BHC	7.82	22817	4.66
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
7	~~ENDOSULFAN I~~	11.44	31964	6.99
8	gamma CHLORDANE	11.80	88663	18.30
9	alpha CHLORDANE	11.97	70222	16.15
11	P,P' DDE	12.30	34859	9.02
12	DIELDRIN	12.61	28248	7.45
--	ENDRIN	13.06	0	0.00
13	~~ENDOSULFAN II~~	14.34	32955	11.47
14	P,P' DDD	14.52	81881	30.37
15	P,P' DDT	14.85	49817	16.35
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
2		4.45	90524
3		6.80	16418
5		9.80	28886
6		11.09	19152
10		12.06	98626

0726

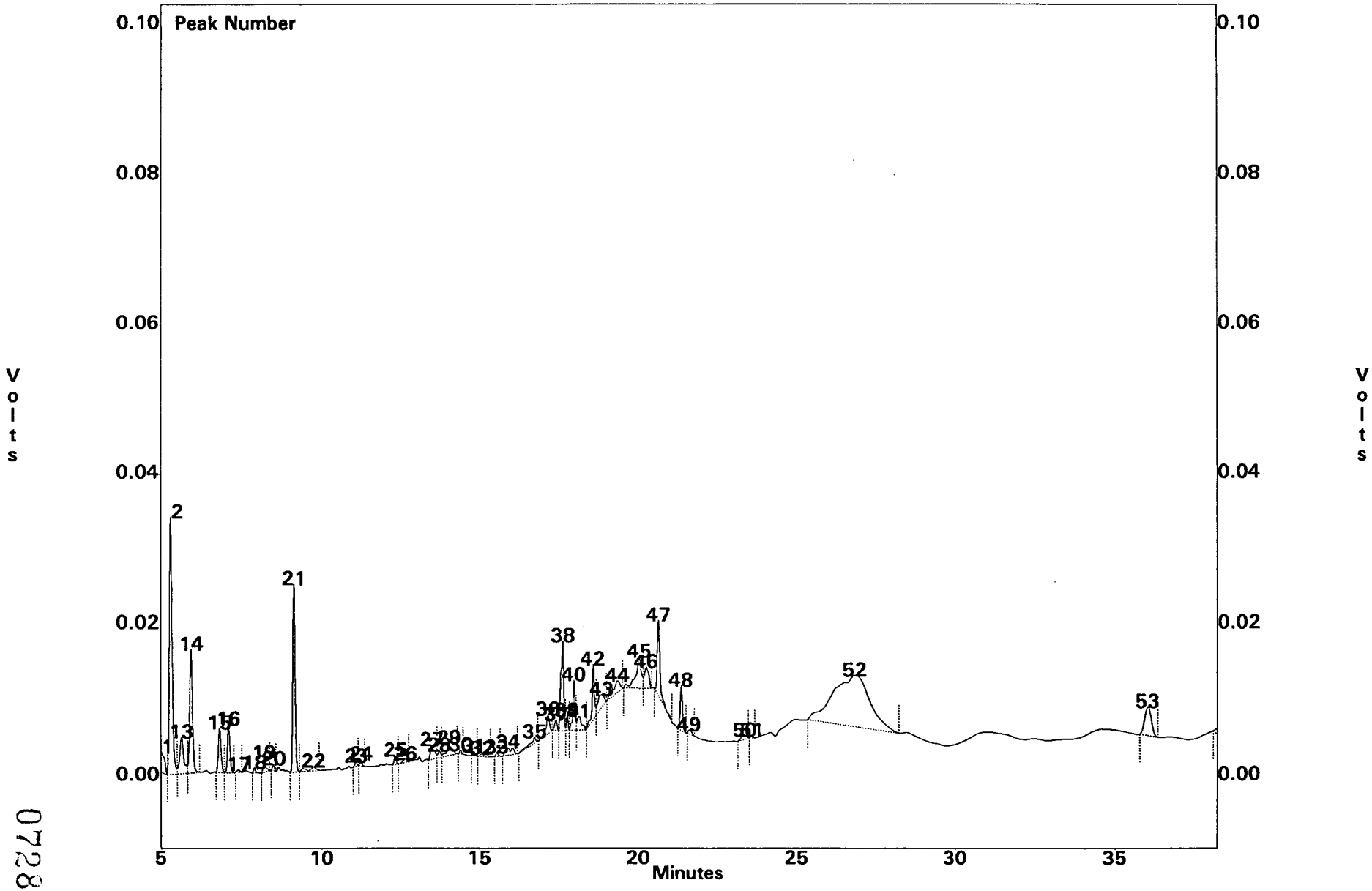
File : C:\EZCHROM\CHROM\EC1CLP\SL67
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL-6/7
Acquired : Sep 05, 1994 16:24:23
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
--	ENDRIN KETONE	17.38	0	0.00
16	DCB	19.66	65775	15.96

File : C:\EZCHROM\CHROM\EC2\CLP\SL6-7.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : sl6/7
Acquired : Sep 06, 1994 16:58:24
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL6-7.GC2 -- Channel B



0728

File : C:\EZCHROM\CHROM\EC2\CLP\SL6-7.GC2
Sample ID : sl6/7
Acquired : Sep 06, 1994 16:58:24

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.150	116790	33.941
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
29	HEPTACHLOR	14.050	18290	3.987
30	DELTA BHC	14.417	2579	0.948
--	ALDRIN	15.325	0	0.000
36	HEPTACHLOR EPOXIDE	17.150	21876	6.245
38	gamma CHLORDANE	17.617	70906	20.685
40	alpha CHLORDANE	17.975	31958	8.083
41	ENDOSULFAN I	18.142	18524	4.927
42	P,P' DDE	18.583	36759	11.875
43	DIELDRIN	18.858	25909	7.490
45	ENDRIN	20.050	49160	24.801
46	P,P' DDD	20.267	27680	11.323
47	ENDOSULFAN II	20.650	55870	23.759
48	P,P' DDT	21.367	29673	17.853
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
53	DCB	36.042	52942	14.355

0129

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	231296
2	1.508	586625
3	1.700	1943277
4	2.125	109504
5	2.325	386315
6	2.783	9363
7	3.025	39494
8	3.717	7229
9	4.383	48357
10	4.717	3644
11	5.025	27017
12	5.325	207194
13	5.658	44324
14	5.958	96355
15	6.833	36644
16	7.117	33705
17	7.433	2013
18	7.933	2830
19	8.233	10856
20	8.525	3876
22	9.750	9441
23	11.100	3164
24	11.267	3819
25	12.358	5104
26	12.667	4729
27	13.508	16445
28	13.750	5922
31	14.833	3128
32	15.075	4565
33	15.558	2632
34	15.908	14737
35	16.733	9888
37	17.408	6891
39	17.758	7230
44	19.358	28499
49	21.633	4165
50	23.375	5612
51	23.608	1746
52	26.833	535087
54	38.500	53020
55	38.742	56345

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL08DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL08DL

Sample wt/vol: 35.2 (g/mL) g Lab File ID: SL08DL

% Moisture: 26 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

9/6/94

Injection Volume: 2 (uL) Dilution Factor: 1000

1000

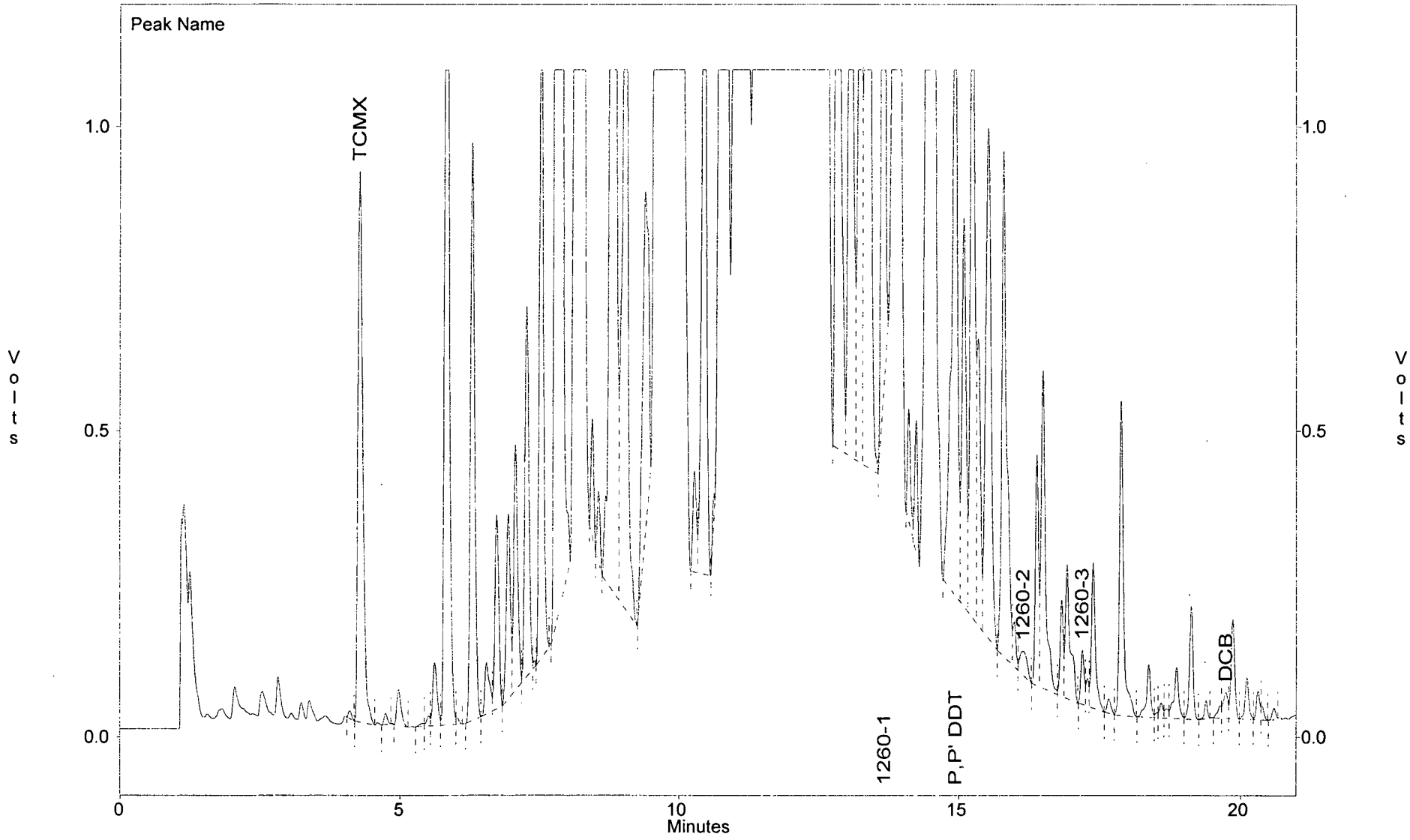
GPC Cleanup: (Y/N) y pH: 4.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	933	DJP
5103-71-9	alpha-Chlordane	22850	D
5103-74-2	gamma-Chlordane	27700	D
12674-11-2	Aroclor-1016	38391	U
11104-28-2	Aroclor-1221	76781	U
11141-16-5	Aroclor-1232	38391	U
53469-21-9	Aroclor-1242	38391	U
12672-29-6	Aroclor-1248	38391	U
11097-69-1	Aroclor-1254	38391	U
11096-82-5	Aroclor-1260	38391	U

File : C:\EZCHROM\CHROM\EC1CLP\SL08
Sample ID : SL-08
Acquired : Sep 05, 1994 18:58:47
User : mb

Run not usable included for documentation only.

C:\EZCHROM\CHROM\EC1CLP\SL08 -- Channel B



0432

File : C:\EZCHROM\CHROM\EC1CLP\SL08
Sample ID : SL-08
Acquired : Sep 05, 1994 18:58:47
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.27	5353474	1161.06
	1260-1	13.67	3564945	8959.22
	P,P' DDT	14.94	7196054	2361.81
	1260-2	16.15	355518	693.06
	1260-3	17.19	351144	797.14
	DCB	19.74	241970	58.71

Channel B Results

RT	AREA
4.10	51193
4.74	74096
4.97	312945
5.41	27407
5.51	70730
5.61	577036
5.86	7639609
6.03	36758
6.29	5013491
6.55	488660
6.73	1537514
6.94	1500863
7.07	1997911
7.27	3031581
7.41	24003
7.53	5015483
7.86	10981470
8.45	624017
8.56	392869

0733

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL08
Sample ID : SL-08
Acquired : Sep 05, 1994 18:58:47
User : mb

Channel B Results

RT	AREA
8.85	9569294
9.05	7733410
9.39	4170493
10.28	742168
10.47	5974135
10.63	101590
12.87	5963552
13.09	5461586
13.26	4448422
13.39	6612632
14.10	658556
14.23	755736
15.08	3245389
15.25	6091806
15.34	2104868
15.52	5580774
15.79	4943953
15.99	286246
16.39	1562626
16.49	2834784
16.83	580932
16.92	1334671
17.28	153890
17.38	1158314
17.66	109170
17.88	2563930
18.37	436721
18.52	26792
18.59	107876
18.69	74513
18.87	484380
19.12	790741
19.38	107488

0734

Continued...

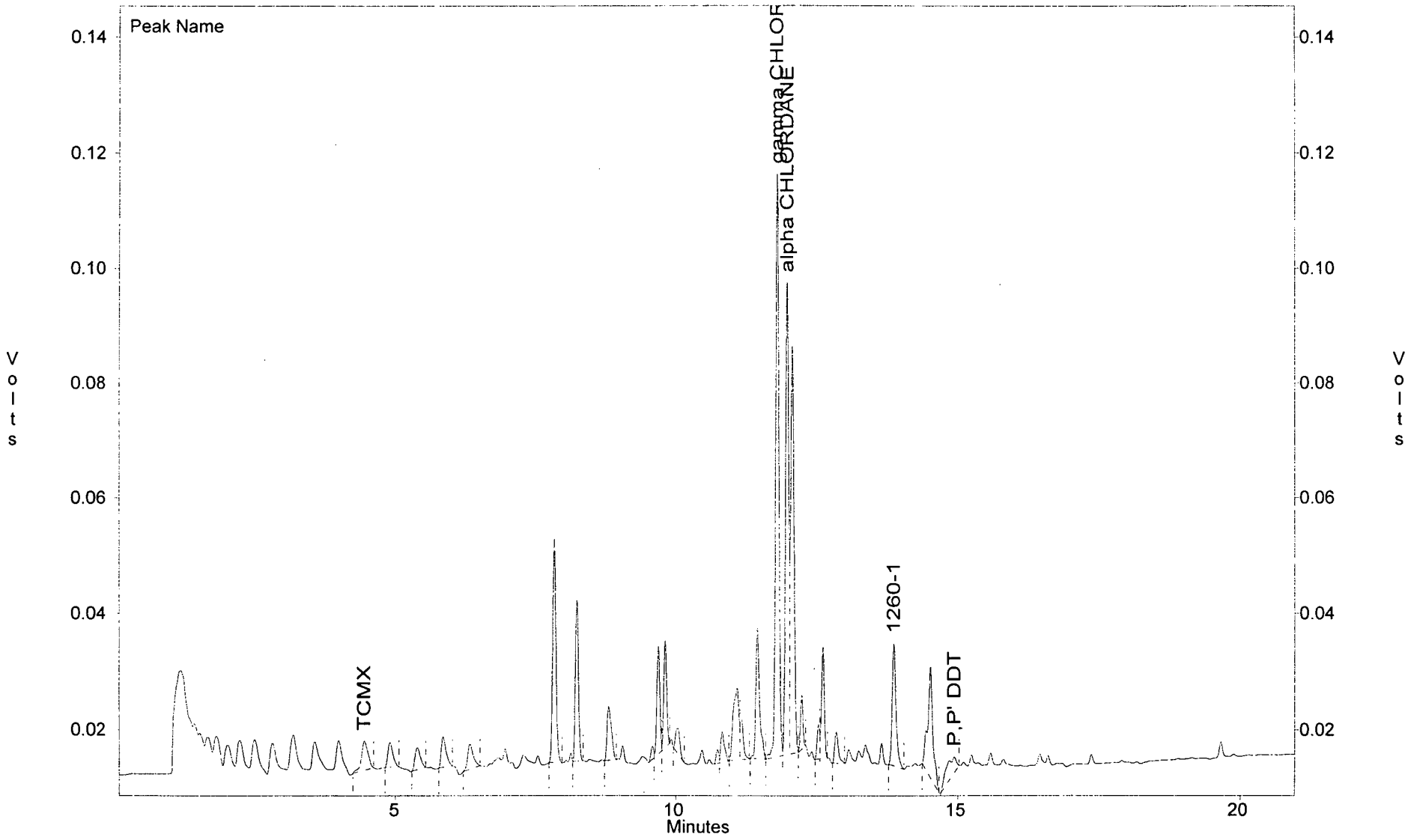
File : C:\EZCHROM\CHROM\EC1CLP\SL08
Sample ID : SL-08
Acquired : Sep 05, 1994 18:58:47
User : mb

Channel B Results

RT	AREA
19.64	89389
19.86	734217
20.11	323183
20.31	201564
20.39	79362
20.60	85083

File : C:\EZCHROM\CHROM\EC1CLP\SL08DL
Sample ID : sl08dl1000x SL08DL
Acquired : Sep 06, 1994 18:33:10
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL08DL -- Channel B



0736

File : C:\EZCHROM\CHROM\EC1CLP\SL08DL
Sample ID : sl08dl1000x
Acquired : Sep 06, 1994 18:33:10
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.44	39769	8.63
	gamma CHLORDANE	11.80	406780	83.94
	alpha CHLORDANE	11.97	312471	71.88
	~~1260-1~~	13.87	96882	243.48
	P,P' DDT	14.94	39430	12.94

Channel B Results

RT	AREA
4.91	26174
5.39	24984
5.85	31357
6.33	29740
7.82	154318
8.23	106151
8.80	49931
9.68	67677
9.81	69200
10.03	22139
10.82	24511
11.09	85939
11.17	27005
11.45	106763
12.06	285515
12.23	28690
12.53	17962
12.61	68556
12.84	23826

0737

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL08DL
Sample ID : sl08dl1000x
Acquired : Sep 06, 1994 18:33:10
User : mb

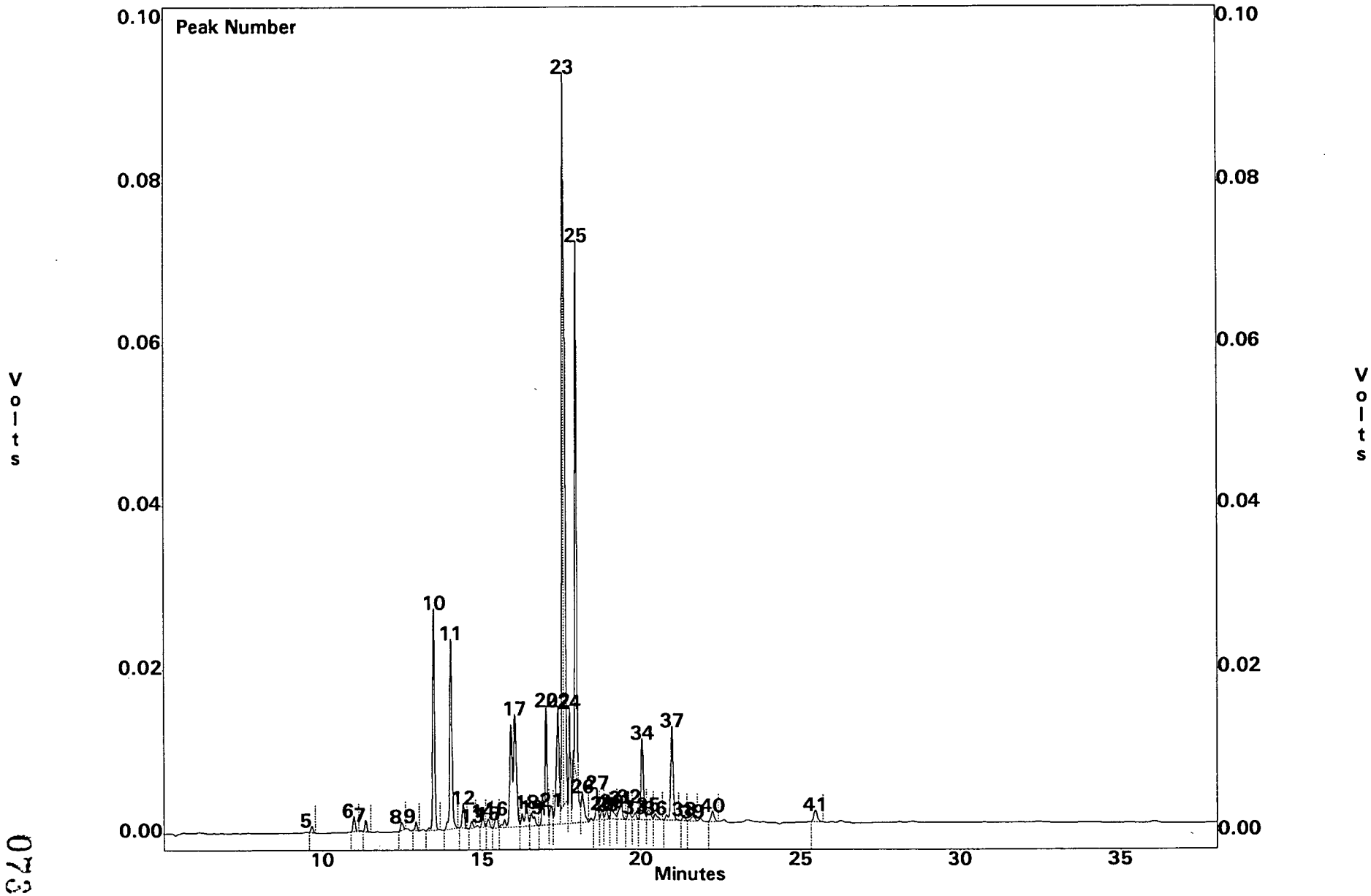
Channel B Results

RT	AREA
14.52	116455

0738

File : C:\EZCHROM\CHROM\EC2\CLP\SL8D1000.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : sl8dl1000
Acquired : Sep 06, 1994 10:43:14
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL8D1000.GC2 -- Channel B



0739

File : C:\EZCHROM\CHROM\EC2\CLP\SL8D1000.GC2
Sample ID : sl8dl1000
Acquired : Sep 06, 1994 10:43:14

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
--	TCMX	9.167	0	0.000
--	alpha BHC	11.617	0	0.000
9	gamma BHC	12.933	4761	1.216
--	BETA BHC	13.150	0	0.000
11	HEPTACHLOR	14.033	120916	26.356
12	DELTA BHC	14.417	15002	5.516
--	ALDRIN	15.325	0	0.000
21	HEPTACHLOR EPOXIDE	17.183	14550	4.153
23	gamma CHLORDANE	17.558	247412	72.176
25	alpha CHLORDANE	17.975	235312	59.517
26	ENDOSULFAN I	18.167	25409	6.758
27	P,P' DDE	18.633	17565	5.674
29	DIELDRIN	18.942	6633	1.918
34	ENDRIN	20.058	56594	28.551
35	P,P' DDD	20.250	9282	3.797
--	ENDOSULFAN II	20.692	0	0.000
38	P,P' DDT	21.367	4037	2.429
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
41	METHOXYCHLOR	25.475	11487	8.488
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	47988
2	1.550	4571
3	1.717	3084
4	4.133	3251
5	9.675	4299
6	11.000	9236
7	11.375	6777
8	12.492	5923
10	13.500	123696
13	14.683	4348
14	15.025	5988
15	15.192	5076
16	15.450	10136
17	16.042	155908
18	16.417	22002
19	16.558	13404
20	17.025	70628
22	17.400	90749
24	17.767	54178
28	18.783	6102
30	19.100	10127
31	19.392	14903
32	19.642	10942
33	19.825	5464
36	20.467	5273
37	20.992	65371
39	21.642	5009
40	22.267	9236

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL08B

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL08B

Sample wt/vol: 35 (g/mL) g Lab File ID: SL08B

% Moisture: 21 decanted: (Y/N) n Date Received: 09/09/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/12/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94
9/13/94

Injection Volume: 2 (uL) Dilution Factor: 1
1

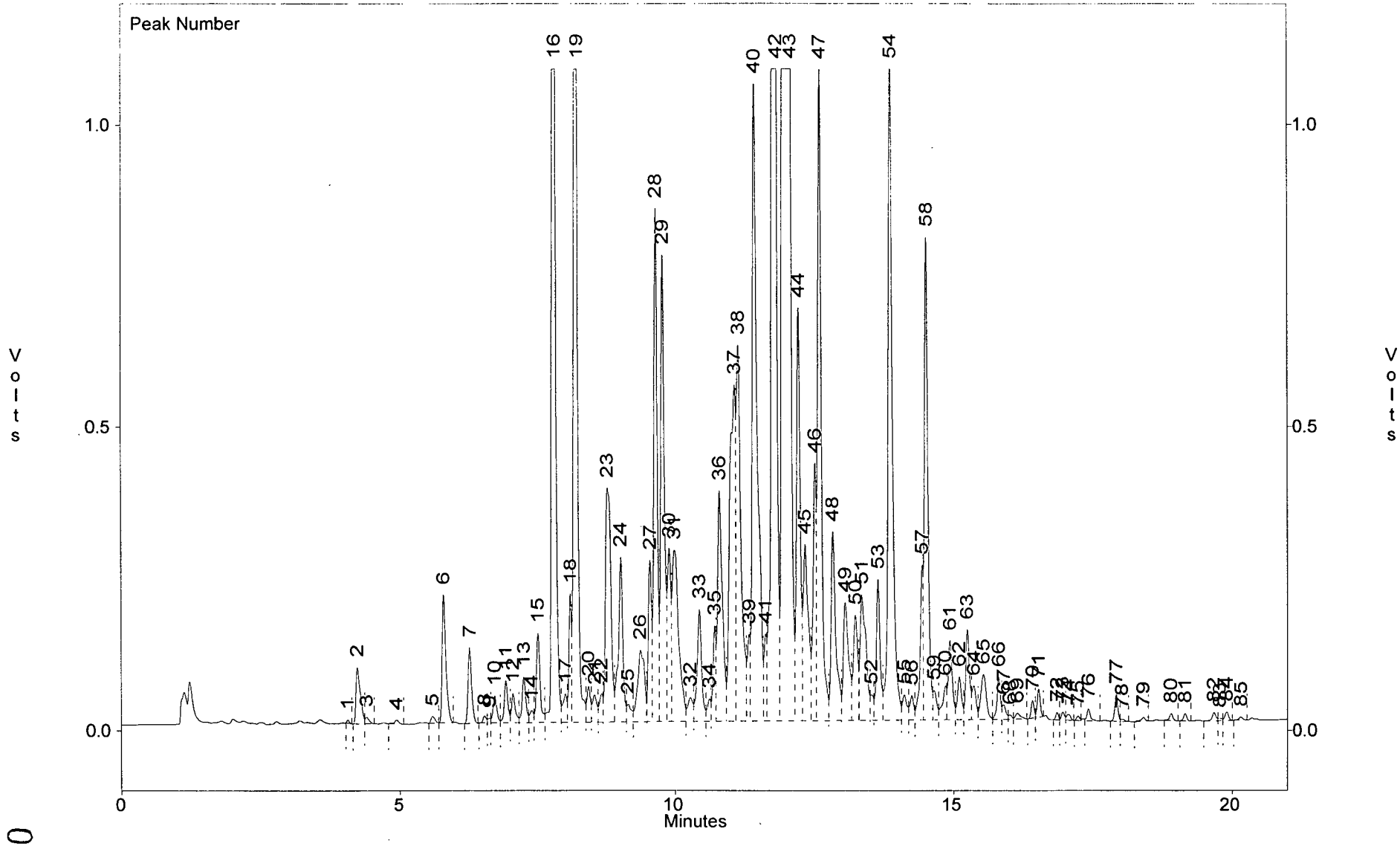
GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	75.2	PE
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	35.0	PE
72-43-5	Methoxychlor	18.1	U
53494-70-5	Endrin ketone	3.6	U
7421-36-3	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	498.0	EP
5103-74-2	gamma-Chlordane	653.0	EP
8001-35-2	Toxaphene	180.8	U
12674-11-2	Aroclor-1016	36.2	U
11104-28-2	Aroclor-1221	72.3	U
11141-16-5	Aroclor-1232	36.2	U
53469-21-9	Aroclor-1242	36.2	U
12672-29-6	Aroclor-1248	36.2	U
11097-69-1	Aroclor-1254	36.2	U
11096-82-5	Aroclor-1260	36.2	U

0742

File : C:\EZCHROM\CHROM\EC1CLP\SL08B
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 11:27:43
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL08B -- Channel B



0743

File : C:\EZCHROM\CHROM\EC1CLP\SL08B
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 11:27:43
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
3	TCMX	4.41	51431	11.15
10	alpha BHC	6.71	211865	44.18
16	gamma BHC	7.81	6459150	1318.23
19	~~HEPTACHLOR~~	8.22	6448491	1243.74
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
34	DELTA BHC	10.62	160369	44.04
36	~~HEPTACHLOR EPOXIDE~~	10.80	2259225	533.39
41	~~ENDOSULFAN I~~	11.63	477710	104.52
42	gamma CHLORDANE	11.82	8752544	1806.04
43	alpha CHLORDANE	12.07	13497243	3104.67
45	P,P' DDE	12.33	1873437	484.97
46	DIELDRIN	12.51	1636043	431.69
49	ENDRIN	13.05	1268582	985.64
57	ENDOSULFAN II	14.43	921948	321.00
58	P,P' DDD	14.51	3710480	1375.99
60	P,P' DDT	14.85	294706	96.73
65	ENDRIN ALDEHYDE	15.54	500820	342.98
71	endosulfan sulfate	16.52	173426	75.24
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
1		4.06	15065
2		4.24	511385
4		4.94	34362
5		5.59	53864
6		5.79	998102
7		6.27	552146

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL08B
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 11:27:43
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
76	ENDRIN KETONE	17.41	86881	40.97
82	DCB	19.67	68919	16.72

File : C:\EZCHROM\CHROM\EC1CLP\SL08B
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 11:27:43
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
8		6.53	47774
9		6.62	25880
11		6.91	317769
12		7.05	232358
13		7.25	373059
14		7.39	86281
15		7.50	659430
17		8.00	243314
18		8.10	732150
20		8.44	283865
21		8.55	246612
22		8.67	197926
23		8.77	2749232
24		9.02	1477925
25		9.15	179868
26		9.38	1040480
27		9.55	1051845
28		9.65	3561337
29		9.78	3681152
30		9.90	1171434
31		9.99	2317558
32		10.28	247013
33		10.44	1059588
35		10.71	556072
37		11.07	4068703
38		11.14	3528873
39		11.33	495445
40		11.42	6491444
44		12.21	3080960
47		12.59	5007492
48		12.83	1856680
50		13.24	941392

Continued...

0746

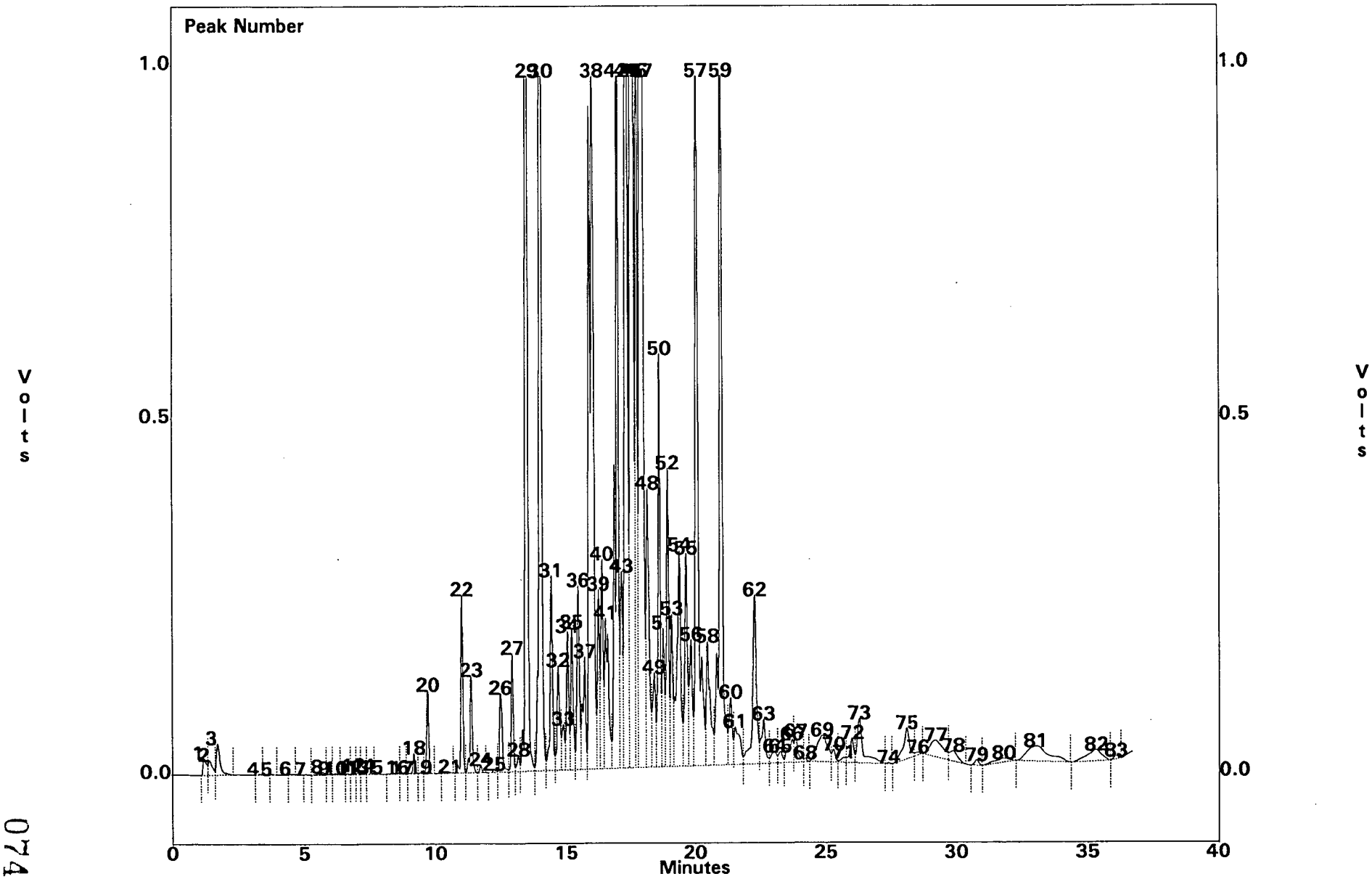
File : C:\EZCHROM\CHROM\EC1CLP\SL08B
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 11:27:43
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
51		13.35	1484707
52		13.52	165673
53		13.65	1132648
54		13.86	6072394
55		14.11	232861
56		14.25	197216
59		14.65	215880
61		14.94	686207
62		15.10	359426
63		15.25	712059
64		15.37	271908
66		15.81	293421
67		15.90	103106
68		16.01	27368
69		16.15	61180
70		16.41	106014
72		16.85	38138
73		16.95	47457
74		17.06	47574
75		17.22	26127
77		17.91	169591
78		18.02	18337
79		18.41	32443
80		18.90	46660
81		19.16	47955
83		19.78	18178
84		19.90	58331
85		20.16	22571

File : C:\EZCHROM\CHROM\EC2\CLP\SL08B
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL08B
Acquired : Sep 13, 1994 18:04:29
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL08B -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\SL08B
Sample ID : SL08B
Acquired : Sep 13, 1994 18:04:29

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
18	TCMX	9.183	142684	41.466
--	alpha BHC	11.617	0	0.000
27	gamma BHC	12.967	814363	208.036
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
--	DELTA BHC	14.425	0	0.000
35	ALDRIN	15.233	1423538	384.914
42	HEPTACHLOR-EPOXIDE	17.050	7408038	2114.604
44	gamma CHLORDANE	17.417	9611286	2803.831
46	alpha CHLORDANE	17.792	5444166	1376.971
47	ENDOSULFAN I	17.983	12842692	3415.564
49	P,P'-DDE	18.442	1042325	336.725
51	DIELDRIN	18.792	1089958	315.093
57	ENDRIN	20.067	8148208	4110.650
--	P,P' DDD	20.292	0	0.000
58	ENDOSULFAN II	20.475	1847246	785.555
60	P,P' DDT	21.358	818487	492.438
--	ENDRIN ALDEHYDE	21.917	0	0.000
62	ENDOSULFAN SULFATE	22.275	2447295	1189.693
70	METHOXYCHLOR	25.292	162239	119.886
73	ENDRIN KETONE	26.275	1002562	555.968
83	DCB	36.083	55691	15.100

Peak in Tech Clordane.

0749

Channel B Results

PEAK #	RT, MIN	AREA
1	1.200	210841
2	1.408	240029
3	1.717	406187
4	3.292	5504
5	3.783	5472
6	4.517	10808
7	5.075	6513
8	5.700	53104
9	5.983	15778
10	6.200	13737
11	6.658	11316
12	6.875	32577
13	7.050	12231
14	7.258	23960
15	7.567	13312
16	8.567	18636
17	8.717	5960
19	9.433	9235
20	9.708	605582
21	10.558	8647
22	11.033	1288825
23	11.400	825399
24	11.750	64934
25	12.267	38484
26	12.525	814980
28	13.192	166928
29	13.558	8276537
30	14.100	8695210
31	14.442	1753738
32	14.708	1112959
33	14.892	431134
34	15.058	1164641
36	15.483	1745536
37	15.742	1376542
38	16.067	12285598
39	16.300	1370163
40	16.433	1945478
41	16.575	2315436
43	17.200	1755007
45	17.633	11856396
48	18.175	2917846
50	18.642	3271651
52	18.950	2487485

Continued...

PEAK #	RT, MIN	AREA
53	19.100	1283713
54	19.400	3032198
55	19.650	2190859
56	19.842	1443933
59	21.017	8861618
61	21.525	823084
63	22.625	697010
64	23.042	242102
65	23.250	167169
66	23.708	473324
67	23.850	379949
68	24.217	38729
69	24.875	1082835
71	25.692	99656
72	26.000	364882
74	27.392	10920
75	28.100	731467
76	28.525	56298
77	29.217	819614
78	29.883	306852
79	30.775	78508
80	31.817	210086
81	33.025	1229392
82	35.317	629017

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL08BDL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL08BDL

Sample wt/vol: 35 (g/mL) g Lab File ID: SL08BDL

% Moisture: 21 decanted: (Y/N) n Date Received: 09/09/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/12/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94
9/13/94

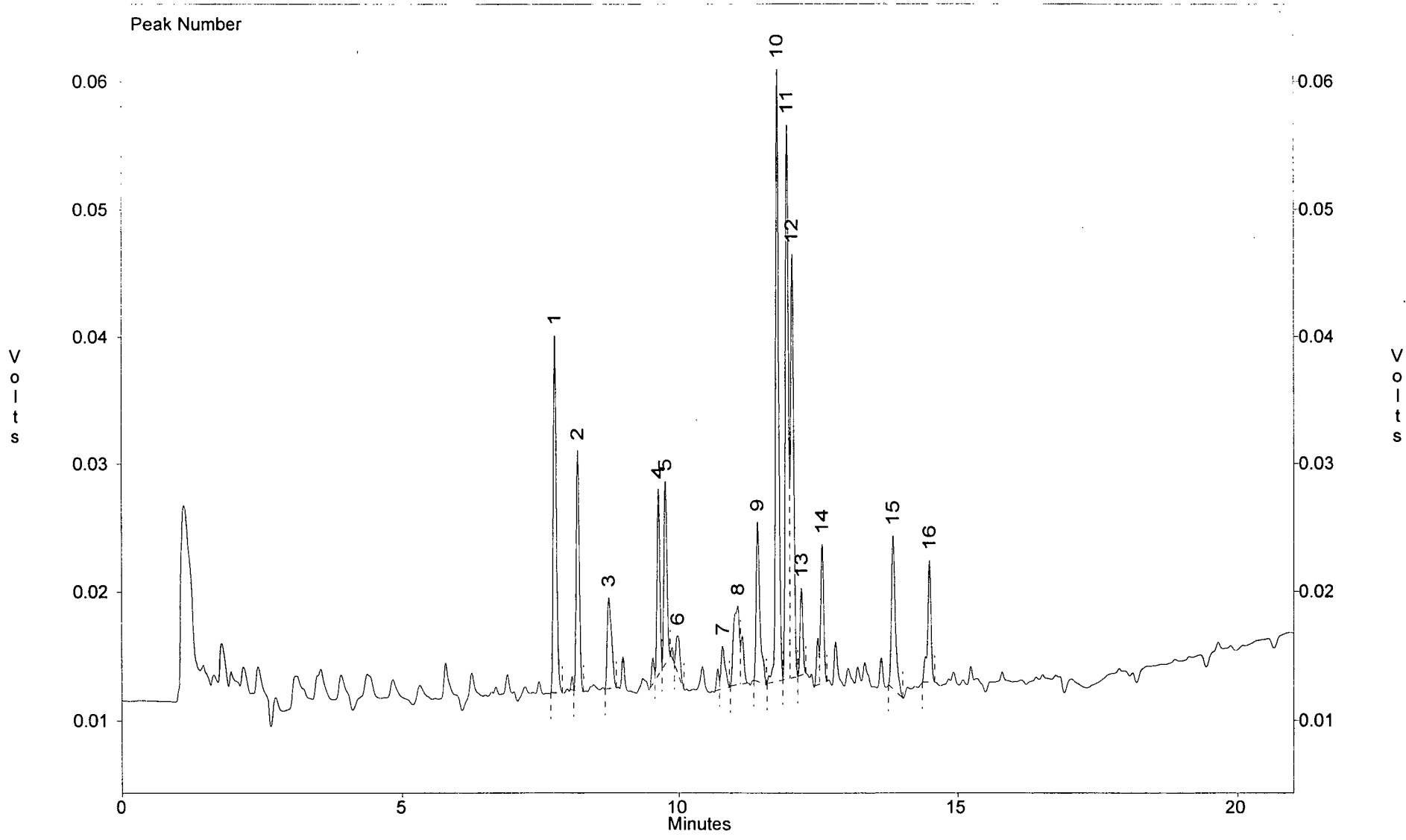
Injection Volume: 2 (uL) Dilution Factor: 200
200

GPC Cleanup: (Y/N) y pH: 5.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	362	UD J
319-85-7	beta-BHC	362	UD
319-86-8	delta-BHC	362	UD J
58-89-9	gamma-BHC (Lindane)	362	UD
76-44-8	Heptachlor	362	UD
309-00-2	Aldrin	362	UD
1024-57-3	Heptachlor epoxide	362	UD J
959-98-8	Endosulfan I	362	UD J
60-57-1	Dieldrin	723	UD J
72-55-9	4,4'-DDE	723	UD J
72-20-8	Endrin	723	UD
33213-65-9	Endosulfan II	723	UD J
72-54-8	4,4'-DDD	723	UD
1031-07-8	Endosulfan sulfate	723	UD J
50-29-3	4,4'-DDT	723	UD J
72-43-5	Methoxychlor	3617	UD J
53494-70-5	Endrin ketone	723	UD J
7421-36-3	Endrin aldehyde	723	UD J
5103-71-9	alpha-Chlordane	2210	DP
5103-74-2	gamma-Chlordane	1996	DP J
8001-35-2	Toxaphene	36166	UD
12674-11-2	Aroclor-1016	7233	UD
11104-28-2	Aroclor-1221	14467	UD
11141-16-5	Aroclor-1232	7233	UD
53469-21-9	Aroclor-1242	7233	UD
12672-29-6	Aroclor-1248	7233	UD
11097-69-1	Aroclor-1254	7233	UD
11096-82-5	Aroclor-1260	7233	UD

File : C:\EZCHROM\CHROM\EC1CLP\SL08BDL
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 12:44:55
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL08BDL -- Channel B



File : C:\EZCHROM\CHROM\EC1CLP\SL08BDL
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 12:44:55
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
--	TCMX	4.35	0	0.00
--	alpha BHC	6.68	0	0.00
1	gamma BHC	7.76	109265	22.30
2	HEPTACHLOR	8.17	69107	13.33
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
7	HEPTACHLOR EPOXIDE	10.78	15669	3.70
9	ENDOSULFAN I	11.40	57326	12.54
10	gamma CHLORDANE	11.76	190727	39.36
12	alpha CHLORDANE	12.02	132819	30.55
13	P,P' DDE	12.19	22635	5.86
14	DIELDRIN	12.57	38788	10.23
--	ENDRIN	13.06	0	0.00
--	ENDOSULFAN II	14.45	0	0.00
16	P,P' DDD	14.49	41169	15.27
--	P,P' DDT	14.86	0	0.00
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
3		8.75	37065
4		9.63	51319
5		9.76	52321
6		9.97	15554
8		11.05	45354
11		11.93	163305

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL08BDL
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 12:44:55
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
--	ENDRIN KETONE	17.38	0	0.00
--	DCB	19.67	0	0.00

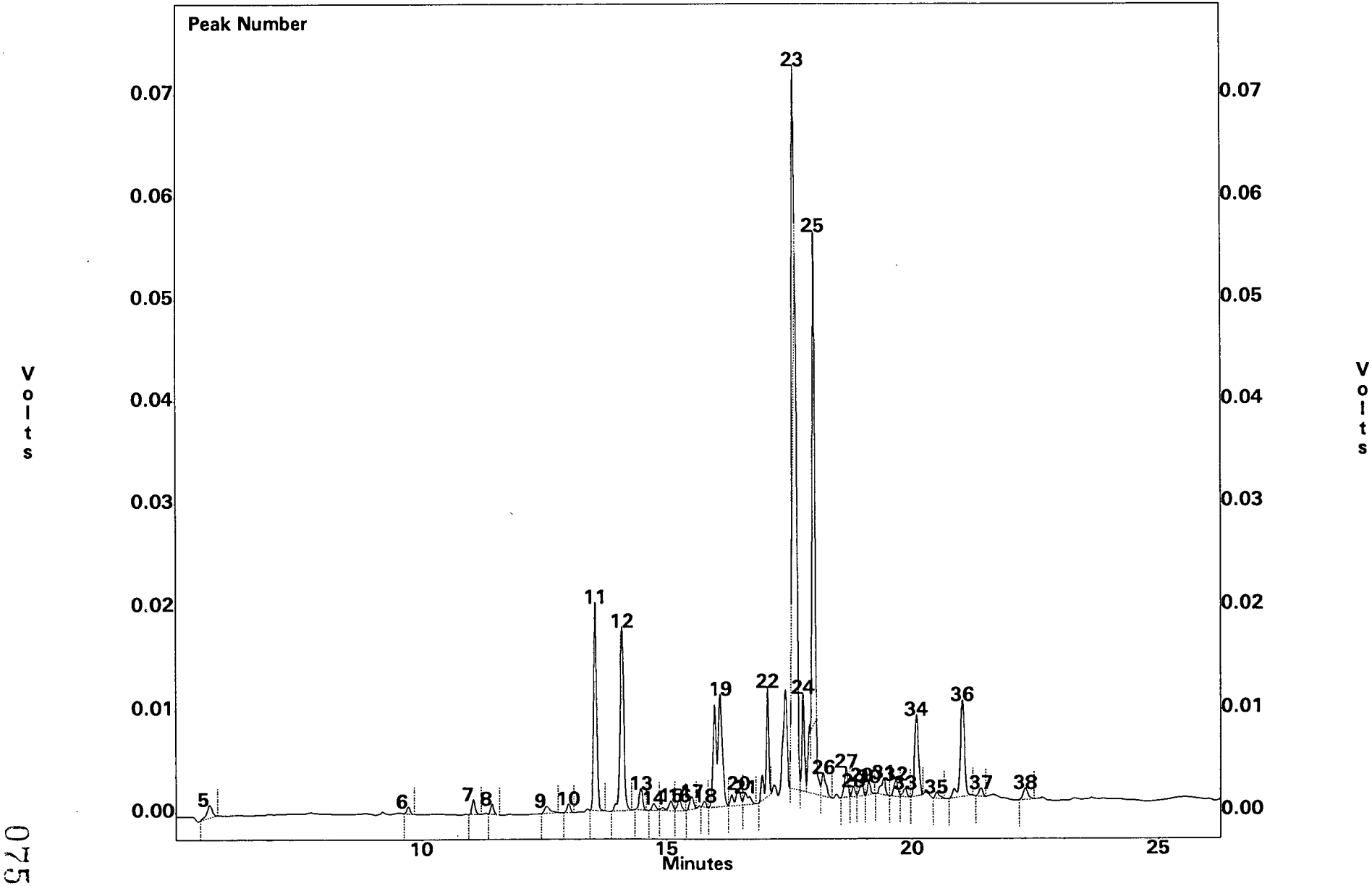
File : C:\EZCHROM\CHROM\EC1CLP\SL08BDL
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 12:44:55
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA
15		13.84	56127

File : C:\EZCHROM\CHROM\EC2\CLP\SL8B200X
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 16:43:13
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL8B200X -- Channel B



0757

File : C:\EZCHROM\CHROM\EC2\CLP\SL8B200X
Sample ID : SL08BDL200X
Acquired : Sep 13, 1994 16:43:13

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
--	TCMX	9.167	0	0.000
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
10	BETA-BHC	12.992	3860	1.963
--	HEPTACHLOR	14.058	0	0.000
--	DELTA-BHC	14.425	0	0.000
16	ALDRIN	15.267	6135	1.659
22	HEPTACHLOR-EPOXIDE	17.067	46770	13.351
23	gamma CHLORDANE	17.600	94735	27.637
25	alpha CHLORDANE	18.008	(166302)	42.062
--	ENDOSULFAN I	18.500	0	0.000
--	P,P' DDE	18.600	0	0.000
28	DIELDRIN	18.817	4579	1.324
34	ENDRIN	20.092	42101	21.240
--	P,P'-DDD	20.292	0	0.000
35	ENDOSULFAN II	20.500	3662	1.558
37	P,P'-DDT	21.400	4280	2.575
--	ENDRIN ALDEHYDE	21.917	0	0.000
38	ENDOSULFAN SULFATE	22.308	7819	3.801
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

0758

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	42006
2	1.583	19664
3	1.758	17101
4	4.192	3772
5	5.717	9812
6	9.733	3559
7	11.067	7029
8	11.433	4412
9	12.558	5649
11	13.550	90333
12	14.100	93700
13	14.483	10157
14	14.742	3991
15	15.092	6897
17	15.517	7078
18	15.783	2299
19	16.100	111445
20	16.467	14129
21	16.617	9434
24	17.800	33434
26	18.208	13615
27	18.675	13608
29	18.983	7044
30	19.133	5332
31	19.433	10768
32	19.675	8738
33	19.867	4515
36	21.025	56188
39	27.458	511468

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL10/11

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL10/11

Sample wt/vol: 35.1 (g/mL) g Lab File ID: SL10/11

% Moisture: 34 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

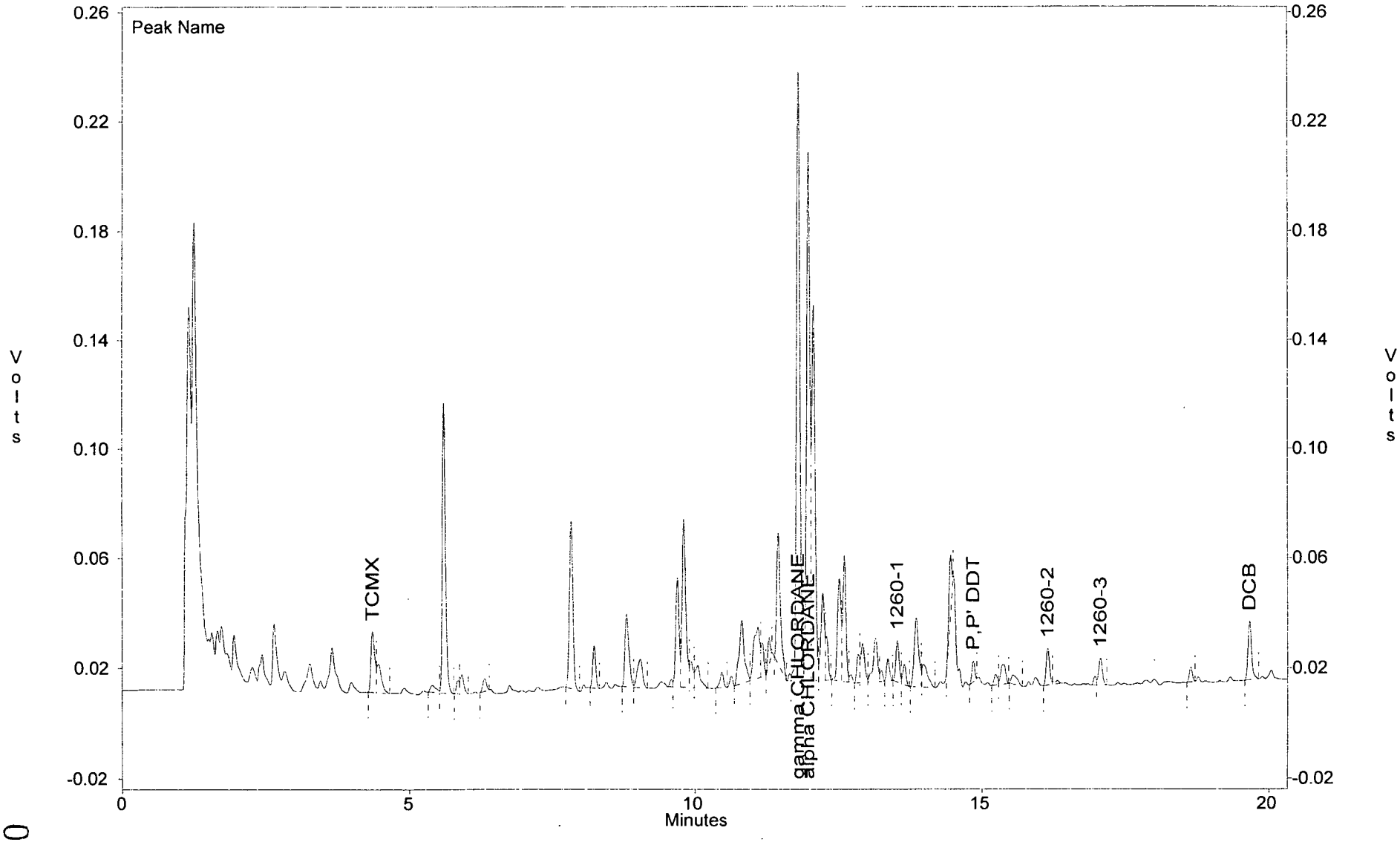
Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	3.5	JY
5103-71-9	alpha-Chlordane	77.8	EY
5103-74-2	gamma-Chlordane	82.5	EY
12674-11-2	Aroclor-1016	43.2	UY
11104-28-2	Aroclor-1221	86.3	UY
11141-16-5	Aroclor-1232	43.2	UY
53469-21-9	Aroclor-1242	43.2	UY
12672-29-6	Aroclor-1248	43.2	UY
11097-69-1	Aroclor-1254	43.2	UY
11096-82-5	Aroclor-1260	43.2	UY

File : C:\EZCHROM\CHROM\EC1CLP\SL1011
Sample ID : sl10/11
Acquired : Sep 06, 1994 19:02:12
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL1011 -- Channel B



0761

File : C:\EZCHROM\CHROM\EC1CLP\SL1011
Sample ID : sl10/11
Acquired : Sep 06, 1994 19:02:12
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.36	102069	22.14
	gamma CHLORDANE	11.80	925731	191.02
	alpha CHLORDANE	11.98	783353	180.19
	~~1260-1~~	13.54	60801	152.80
	P,P' DDT	14.85	24526	8.05
	~~1260-2~~	16.15	53749	104.78
	~~1260-3~~	17.06	44083	100.07
	DCB	19.66	90235	21.89

Channel B Results

RT	AREA
4.46	57052
5.40	16400
5.60	406367
5.85	16225
5.92	30240
6.32	20356
7.83	241656
8.24	57930
8.81	128883
9.05	64511
9.69	160754
9.81	278575
9.93	38226
10.05	50992
10.47	25004
10.82	147915
11.10	134050
11.18	40656
11.30	29259

0762

Continued...

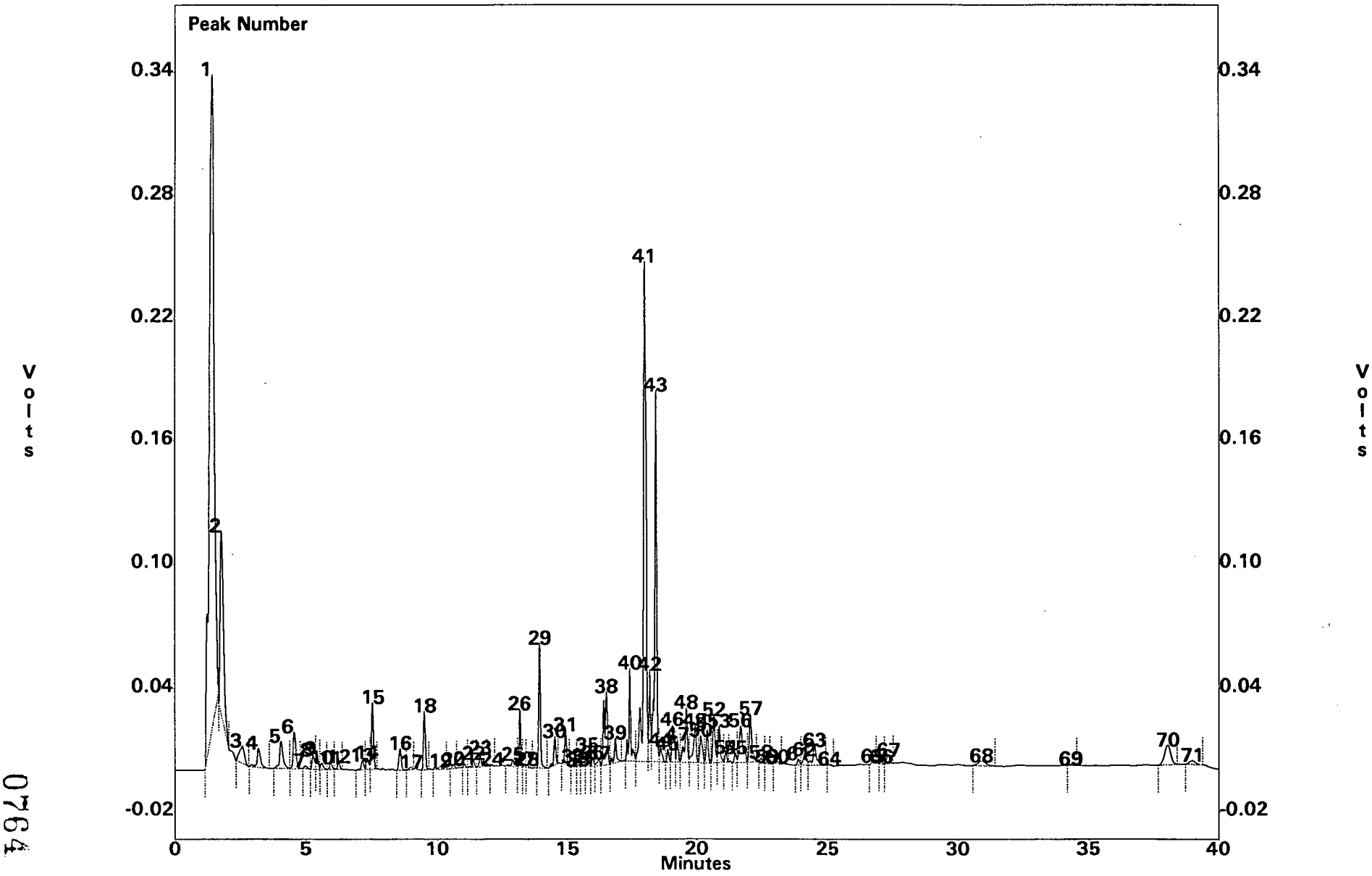
File : C:\EZCHROM\CHROM\EC1CLP\SL1011
Sample ID : sl10/11
Acquired : Sep 06, 1994 19:02:12
User : mb

Channel B Results

RT	AREA
11.45	219171
12.07	575993
12.24	143676
12.30	48900
12.52	162708
12.61	178482
12.85	37175
12.93	67440
13.16	81833
13.37	29352
13.66	28237
13.87	142080
14.00	54067
14.46	74513
15.24	15520
15.38	42532
15.54	23128
18.64	19570

File : C:\EZCHROM\CHROM\EC2\CLP\ZZ1
Method : C:\EZCHROM\METHODS\EC2\CLP\NET19-1\BATCH2\EC2CLP.MET
Sample ID : SL-10/11
Acquired : Oct 21, 1994 16:09:32
User : WS

C:\EZCHROM\CHROM\EC2\CLP\ZZ1 -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\ZZ1
Sample ID : SL-10/11
Acquired : Oct 21, 1994 16:09:32

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
18	TCMX	9.517	138232	33.992
--	alpha BHC	12.033	0	0.000
27	gamma BHC	13.358	8322	1.872
28	BETA BHC	13.475	9467	4.032
30	HEPTACHLOR	14.533	73773	13.743
31	DELTA BHC	14.942	85982	26.642
35	ALDRIN	15.775	44526	10.100
40	HEPTACHLOR EPOXIDE	17.433	238009	62.597
41	gamma CHLORDANE	17.983	1783167	437.389
43	alpha CHLORDANE	18.425	944890	232.144
44	ENDOSULFAN I	18.617	47023	11.908
45	P,P' DDE	18.892	30411	8.698
47	DIELDRIN	19.267	50139	13.013
52	ENDRIN	20.658	142136	52.141
53	P,P' DDD	20.867	91162	36.902
54	ENDOSULFAN II	21.125	25560	8.728
57	P,P' DDT	22.067	159399	57.990
58	ENDRIN ALDEHYDE	22.458	10641	4.512
60	ENDOSULFAN SULFATE	23.083	9084	3.266
--	METHOXYCHLOR	26.550	0	0.000
--	ENDRIN KETONE	27.708	0	0.000
70	DCB	38.050	154542	34.255

Channel B Results

PEAK #	RT, MIN	AREA
1	1.425	4127482
2	1.792	799031
3	2.583	110278
4	3.183	91952
5	4.058	130562
6	4.558	130636
7	4.975	11436
8	5.258	42916
9	5.408	42682
10	5.575	21400
11	5.917	20508
12	6.225	23945
13	7.133	30140
14	7.308	37688
15	7.525	178875
16	8.575	64316
17	9.008	10868
19	10.117	19837
20	10.617	11758
21	11.058	8318
22	11.400	22738
23	11.667	45383
24	12.125	3074
25	12.917	27278
26	13.183	115177
29	13.958	294959
32	15.233	13557
33	15.417	5104
34	15.600	12240
36	15.983	20689
37	16.225	25581
38	16.517	336878
39	16.875	73753
42	18.192	184244
46	19.067	126347
48	19.600	178958
49	19.933	137528
50	20.150	90172
51	20.400	85320
55	21.492	26918
56	21.683	169632
59	22.692	4321
61	23.875	18483

Continued...

PEAK #	RT, MIN	AREA
62	24.108	44722
63	24.492	101010
64	25.083	4811
65	26.742	8436
66	27.067	6214
67	27.333	31589
68	30.917	46771
69	34.342	5951
71	38.992	29963

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL10/11DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL10/11DL

Sample wt/vol: 35.1 (g/mL) g Lab File ID: SL10/11DL

% Moisture: 34 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

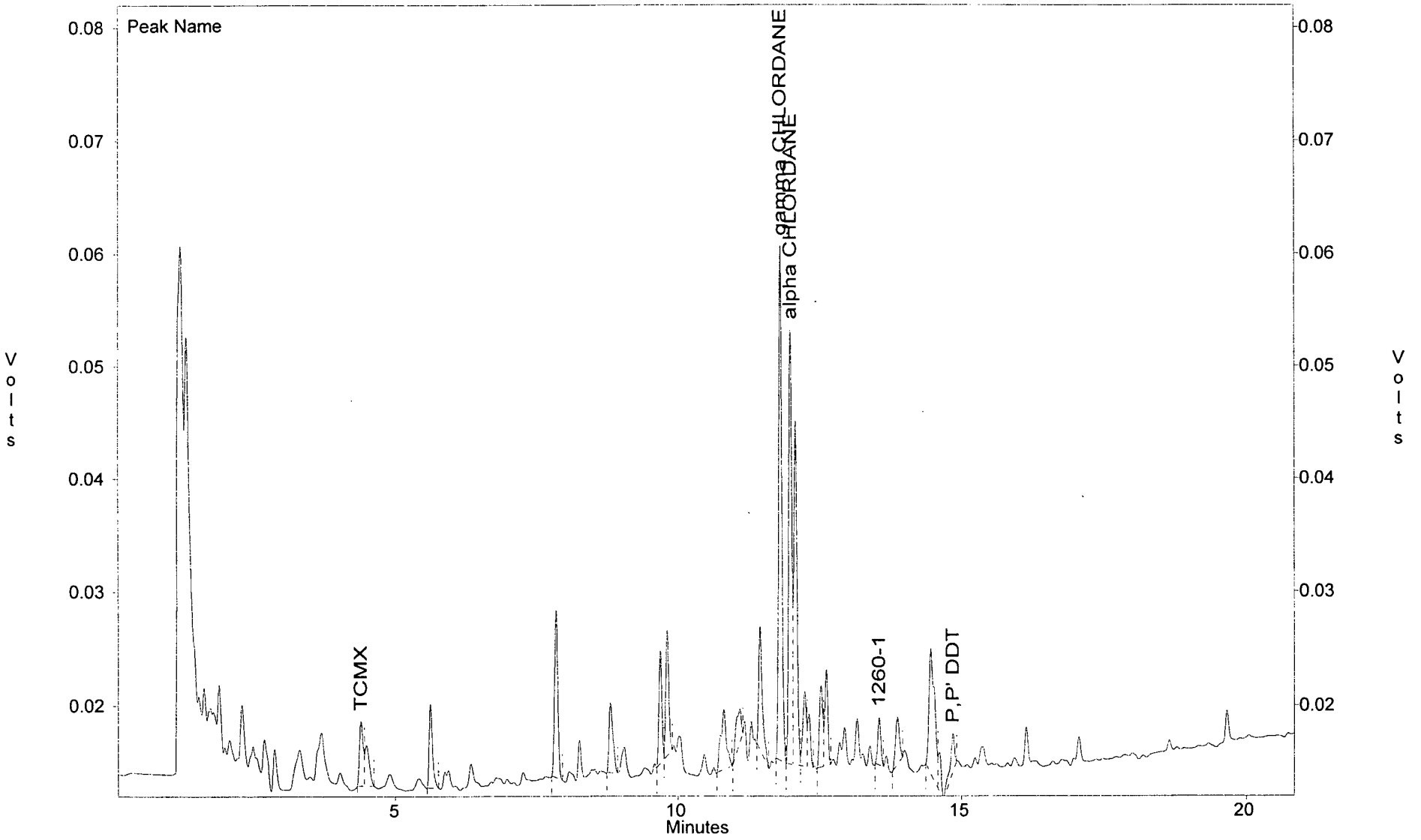
Injection Volume: 2 (uL) Dilution Factor: 10
10

GPC Cleanup: (Y/N) y pH: 6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	43.2	UD
5103-71-9	alpha-Chlordane	140.0	D
5103-74-2	gamma-Chlordane	153.0	D
12674-11-2	Aroclor-1016	431.7	UD
11104-28-2	Aroclor-1221	863.3	UD
11141-16-5	Aroclor-1232	431.7	UD
53469-21-9	Aroclor-1242	431.7	UD
12672-29-6	Aroclor-1248	431.7	UD
11097-69-1	Aroclor-1254	431.7	UD
11096-82-5	Aroclor-1260	431.7	UD

File : C:\EZCHROM\CHROM\EC1CLP\SL1011DL
Sample ID : sl10/11dl10x
Acquired : Sep 06, 1994 13:33:53
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL1011DL -- Channel B



0769

File : C:\EZCHROM\CHROM\EC1CLP\SL1011DL
Sample ID : sl10/11dl10x
Acquired : Sep 06, 1994 13:33:53
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.38	25589	5.55
	gamma CHLORDANE	11.80	171796	35.45
	alpha CHLORDANE	11.97	141415	32.53
	~~1260-1~~	13.53	15744	39.57
	P,P' DDT	14.85	17920	5.88

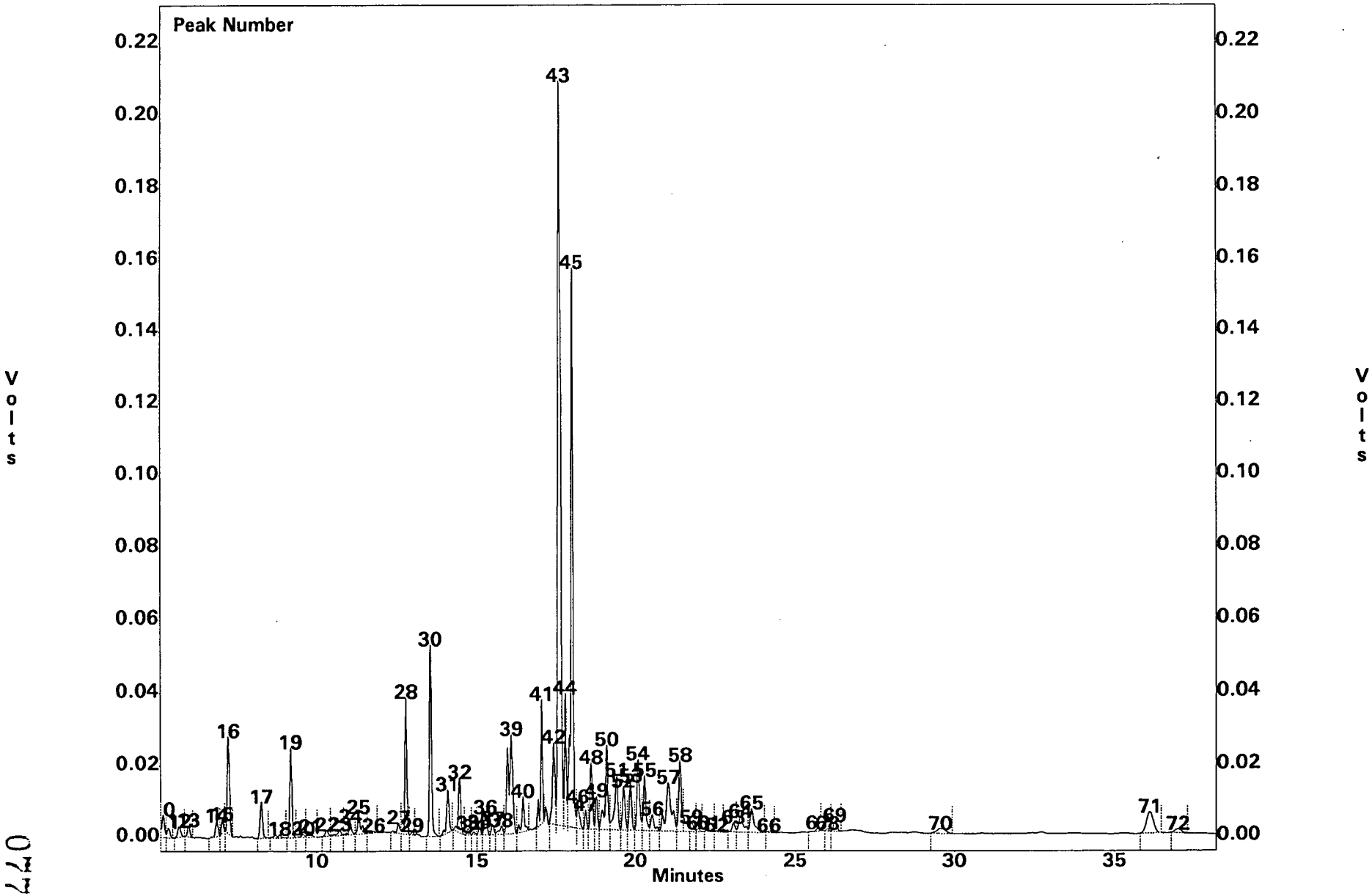
Channel B Results

RT	AREA
4.48	19850
5.62	29031
7.83	54101
8.81	28568
9.69	34826
9.81	40869
10.81	36507
11.09	20039
11.45	47008
12.06	119746
12.23	29219
12.30	15352
12.51	29311
12.61	31176
13.86	19479
14.45	77241

0770

File : C:\EZCHROM\CHROM\EC2\CLP\SL10-11
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL10/11 DL 10X
Acquired : Sep 13, 1994 14:30:21
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL10-11 -- Channel B



0771

File : C:\EZCHROM\CHROM\EC2\CLP\SL10-11
Sample ID : SL10/11 DL 10X
Acquired : Sep 13, 1994 14:30:21

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
19	TCMX	9.217	116436	33.838
--	alpha BHC	11.617	0	0.000
29	gamma BHC	12.983	4898	1.251
--	BETA BHC	13.150	0	0.000
31	HEPTACHLOR	14.100	67334	14.677
--	DELTA BHC	14.425	0	0.000
36	ALDRIN	15.283	37759	10.210
41	HEPTACHLOR EPOXIDE	17.067	149137	42.571
42	gamma CHLORDANE	17.442	122376	35.700
44	alpha CHLORDANE	17.800	137395	34.751
45	ENDOSULFAN I	18.008	770366	204.882
47	P,P' DDE	18.450	22138	7.152
49	DIELDRIN	18.808	39507	11.421
54	ENDRIN	20.092	113021	57.017
55	P,P' DDD	20.308	84213	34.449
56	ENDOSULFAN II	20.542	33230	14.131
58	P,P' DDT	21.408	121008	72.804
59	ENDRIN ALDEHYDE	21.767	17441	9.935
61	ENDOSULFAN SULFATE	22.325	10285	5.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
71	DCB	36.117	92579	25.102

0772

Channel B Results

PEAK #	RT, MIN	AREA
1	1.400	2269502
2	1.742	1186241
3	2.492	132890
4	2.850	3328
5	3.083	59046
6	3.917	98628
7	4.400	121242
8	4.808	11389
9	5.075	35572
10	5.225	36392
11	5.383	17562
12	5.725	19136
13	6.017	18263
14	6.900	25287
15	7.075	16884
16	7.267	136578
17	8.292	58563
18	8.867	11737
20	9.592	7550
21	9.817	13473
22	10.325	10847
23	10.733	12214
24	11.058	21809
25	11.317	40154
26	11.775	3699
27	12.550	18767
28	12.792	155091
30	13.550	241940
32	14.475	81821
33	14.733	9122
34	14.925	4014
35	15.092	9827
37	15.508	16876
38	15.783	19353
39	16.100	285380
40	16.475	62570
43	17.600	1287981
46	18.200	40815
48	18.633	99749
50	19.117	149340
51	19.433	107685
52	19.642	71340
53	19.867	67243

Continued...

PEAK #	RT, MIN	AREA
57	21.042	162751
60	21.983	5317
62	22.550	3746
63	23.083	18019
64	23.300	49057
65	23.650	60003
66	24.200	3794
67	25.725	6035
68	26.025	4268
69	26.267	23219
70	29.558	25893
72	36.992	15459

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL12

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL12

Sample wt/vol: 35.6 (g/mL) g Lab File ID: SL12

% Moisture: 14 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

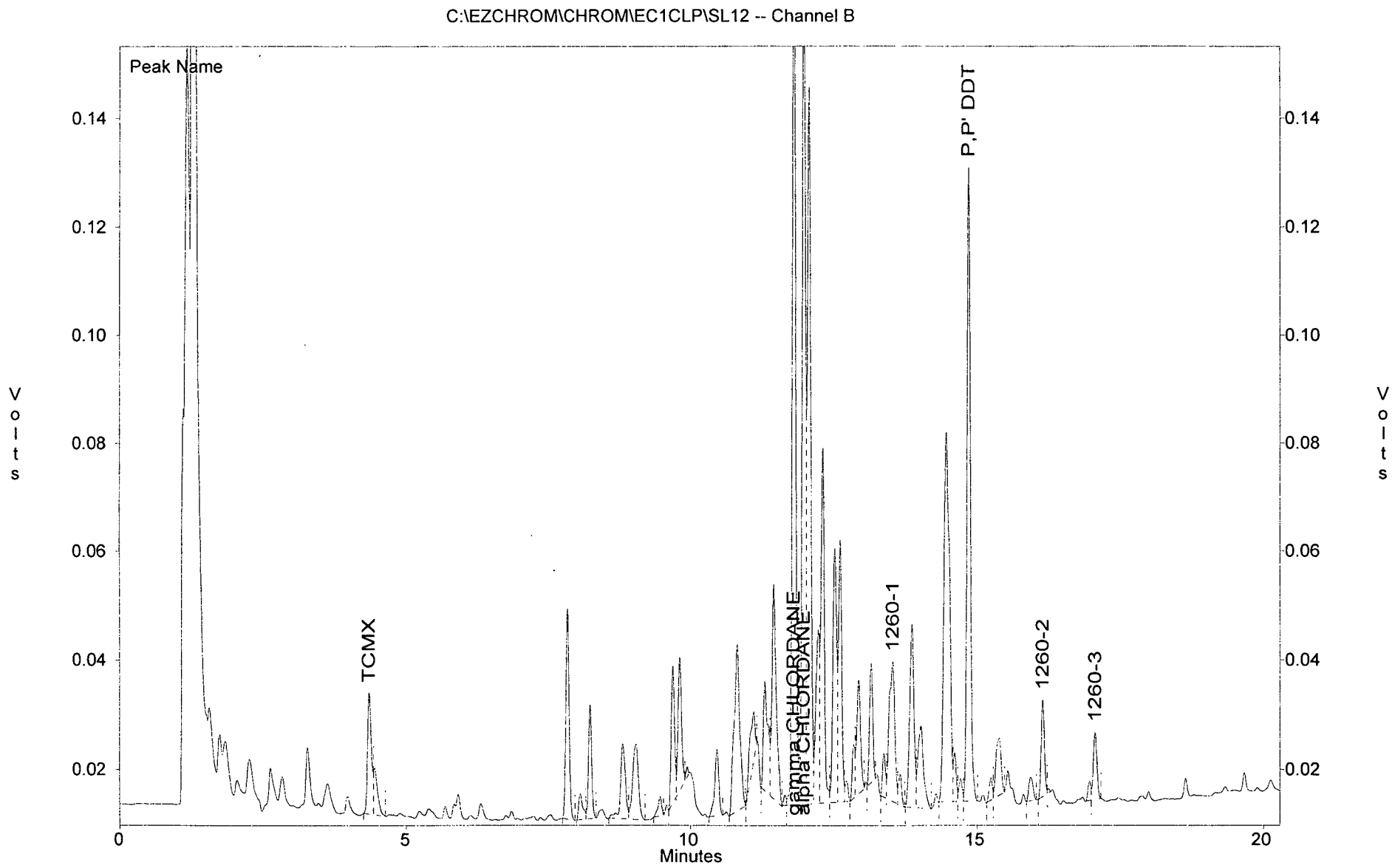
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) y pH: 5.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	50.5	EP
5103-71-9	alpha-Chlordane	35.2	EP
5103-74-2	gamma-Chlordane	35.1	EP
12674-11-2	Aroclor-1016	32.7	U
11104-28-2	Aroclor-1221	65.3	U
11141-16-5	Aroclor-1232	32.7	U
53469-21-9	Aroclor-1242	32.7	U
12672-29-6	Aroclor-1248	32.7	U
11097-69-1	Aroclor-1254	32.7	U
11096-82-5	Aroclor-1260	74.6	P

File : C:\EZCHROM\CHROM\EC1CLP\SL12
Sample ID : sl12
Acquired : Sep 06, 1994 20:14:35
User : mb



0776

File : C:\EZCHROM\CHROM\EC1CLP\SL12
Sample ID : sl12
Acquired : Sep 06, 1994 20:14:35
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	106722	23.15
	gamma CHLORDANE	11.80	681735	140.67
	alpha CHLORDANE	11.97	616363	141.78
	1260-1	13.53	170077	427.43
	P,P' DDT	14.85	470837	154.53
	1260-2	16.14	68953	134.42
	1260-3	17.06	54375	123.44

Channel B Results

RT	AREA
4.44	41175
7.82	151965
8.05	25166
8.23	82751
8.80	80212
9.04	97481
9.46	15953
9.69	97824
9.80	100010
10.45	58565
10.80	211464
11.10	62093
11.29	112633
11.45	211001
12.06	563582
12.23	139713
12.30	269029
12.51	213666
12.61	189291

0777

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL12
Sample ID : sl12
Acquired : Sep 06, 1994 20:14:35
User : mb

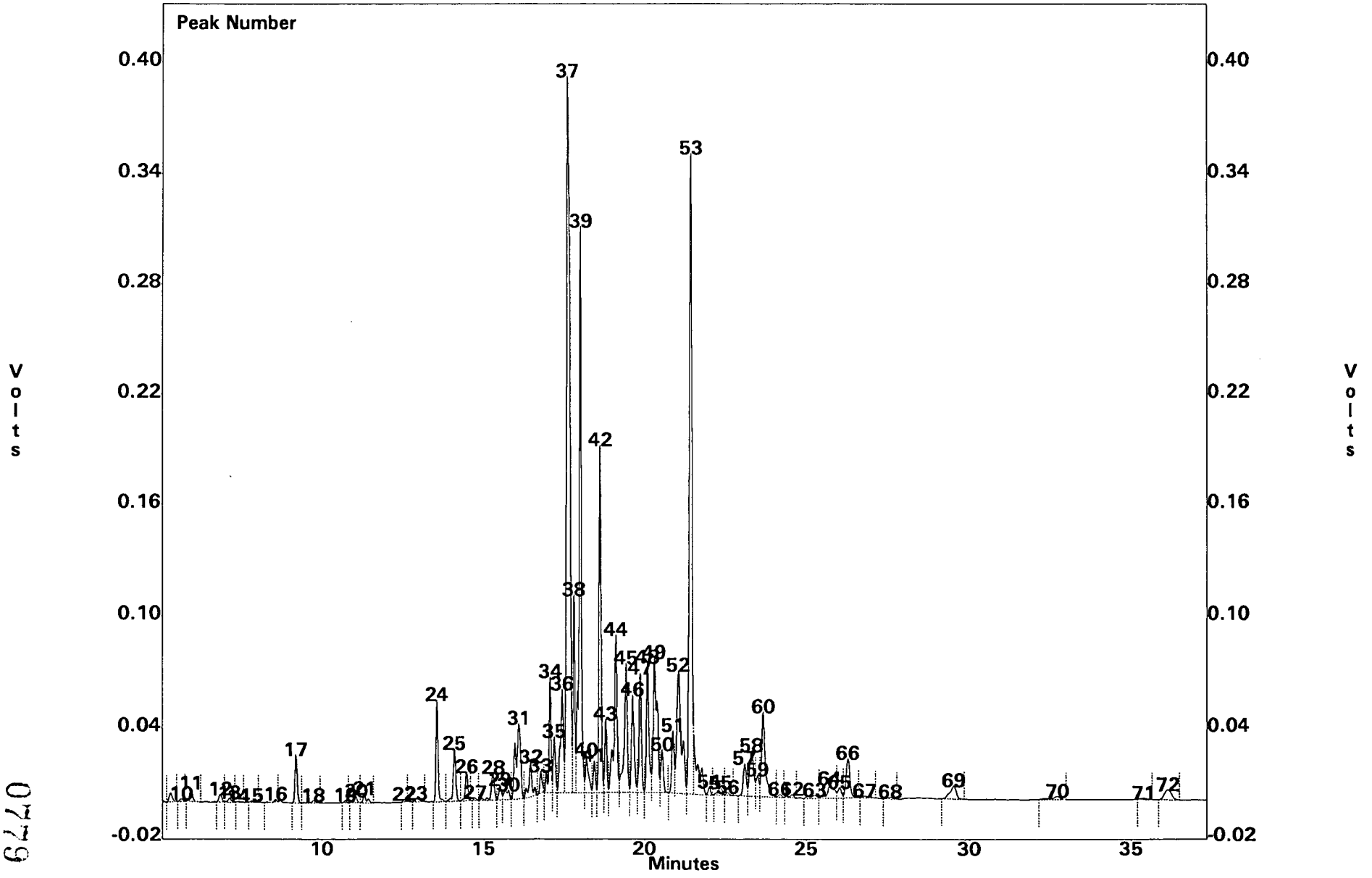
Channel B Results

RT	AREA
12.84	31634
12.93	97344
13.15	86221
13.37	30253
13.66	21948
13.86	175080
14.03	103754
14.46	452901
14.61	31942
14.71	16315
15.24	15228
15.38	64020
15.93	21365

0778

File : C:\EZCHROM\CHROM\EC2\CLP\SL12
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL12
Acquired : Sep 13, 1994 15:16:31
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL12 -- Channel B



0779

File : C:\EZCHROM\CHROM\EC2\CLP\SL12
Sample ID : SL12
Acquired : Sep 13, 1994 15:16:31

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
17	TCMX	9.217	124233	36.104
--	alpha BHC	11.617	0	0.000
23	gamma BHC	12.917	16896	4.316
--	BETA BHC	13.150	0	0.000
25	HEPTACHLOR	14.100	167875	36.592
--	DELTA BHC	14.425	0	0.000
28	ALDRIN	15.292	104767	28.328
34	HEPTACHLOR EPOXIDE	17.075	286256	81.711
36	gamma CHLORDANE	17.442	368684	107.554
38	alpha CHLORDANE	17.808	426072	107.765
39	ENDOSULFAN I	18.017	1598921	425.240
41	P,P' DDE	18.458	82141	26.536
43	DIELDRIN	18.808	169886	49.112
48	ENDRIN	20.100	396432	199.994
49	P,P' DDD	20.308	590631	241.606
50	ENDOSULFAN II	20.550	133803	56.901
53	P,P' DDT	21.417	1937656	1165.779
54	ENDRIN ALDEHYDE	21.992	22556	12.849
55	ENDOSULFAN SULFATE	22.342	35792	17.399
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
72	DCB	36.133	81616	22.129

0780

Channel B Results

PEAK #	RT, MIN	AREA
1	1.408	1404946
2	1.733	2077119
3	2.517	114424
4	3.075	63051
5	3.742	16812
6	4.200	10769
7	4.400	15174
8	5.092	9439
9	5.383	32653
10	5.717	9579
11	6.008	41100
12	6.900	26964
13	7.183	15096
14	7.450	2877
15	7.867	4174
16	8.592	6705
18	9.742	12115
19	10.742	5828
20	11.067	20095
21	11.325	33433
22	12.550	6049
24	13.558	260512
26	14.483	82181
27	14.733	8369
29	15.508	43504
30	15.775	60731
31	16.108	434219
32	16.483	134876
33	16.783	57010
35	17.192	129554
37	17.600	2798527
40	18.208	132463
42	18.633	834773
44	19.125	560819
45	19.433	479383
46	19.642	296925
47	19.867	317944
51	20.875	172176
52	21.042	674642
56	22.558	12471
57	23.083	111787
58	23.300	222336
59	23.483	75804

Continued...

PEAK #	RT, MIN	AREA
60	23.658	380585
61	24.183	11803
62	24.567	16624
63	25.258	24100
64	25.725	107670
65	26.025	43625
66	26.275	180365
67	26.792	14026
68	27.583	11899
69	29.533	95792
70	32.733	34133
71	35.383	8768

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL12DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL12DL

Sample wt/vol: 35.6 (g/mL) g Lab File ID: SL12DL

% Moisture: 14 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

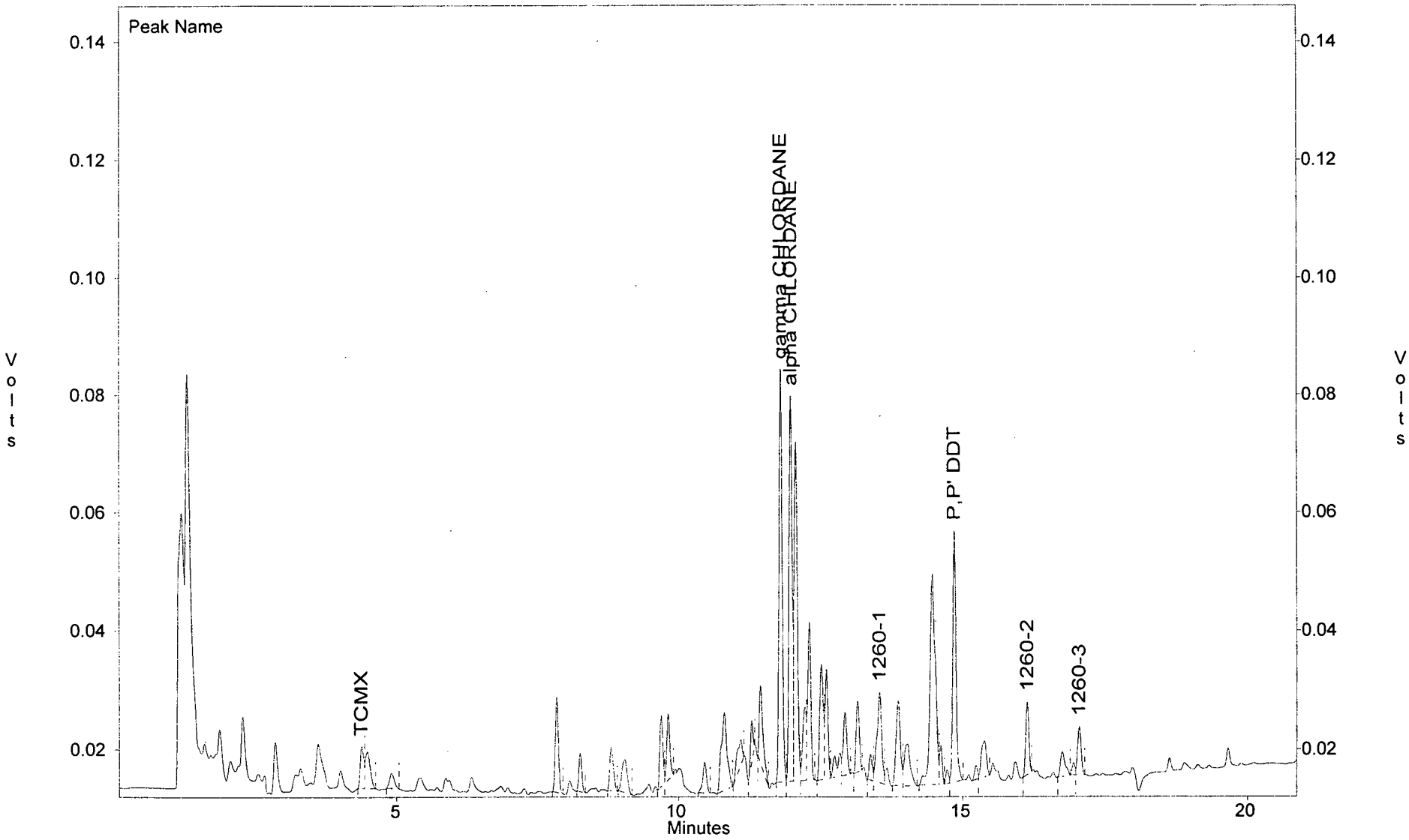
Injection Volume: 2 (uL) Dilution Factor: 10
25

GPC Cleanup: (Y/N) y pH: 5.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	179.0	DP
5103-71-9	alpha-Chlordane	103.0	DP
5103-74-2	gamma-Chlordane	180.0	DP
12674-11-2	Aroclor-1016	326.6	DU
11104-28-2	Aroclor-1221	653.3	DU
11141-16-5	Aroclor-1232	326.6	DU
53469-21-9	Aroclor-1242	326.6	DU
12672-29-6	Aroclor-1248	326.6	DU
11097-69-1	Aroclor-1254	326.6	DU
11096-82-5	Aroclor-1260	416.0	D

File : C:\EZCHROM\CHROM\EC1CLP\SL12DL
Sample ID : sl12dl10x
Acquired : Sep 06, 1994 13:10:01
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL12DL -- Channel B



0784

File : C:\EZCHROM\CHROM\EC1CLP\SL12DL
Sample ID : sl12dl10x
Acquired : Sep 06, 1994 13:10:01
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.38	30490	6.61
	gamma CHLORDANE	11.80	266475	54.99
	alpha CHLORDANE	11.98	249193	57.32
	1260-1	13.54	85006	213.63
	P,P' DDT	14.85	166688	54.71
	1260-2	16.15	46187	90.04
	1260-3	17.07	34452	78.21

Channel B Results

RT	AREA
4.48	36914
4.91	15047
7.84	58613
8.25	23407
8.81	33362
9.05	35861
9.70	44409
9.82	42760
10.46	23902
10.81	93822
11.10	28790
11.30	21775
11.45	58118
12.07	218719
12.23	53734
12.31	101085
12.52	84875
12.61	68304
12.93	47380

Continued...

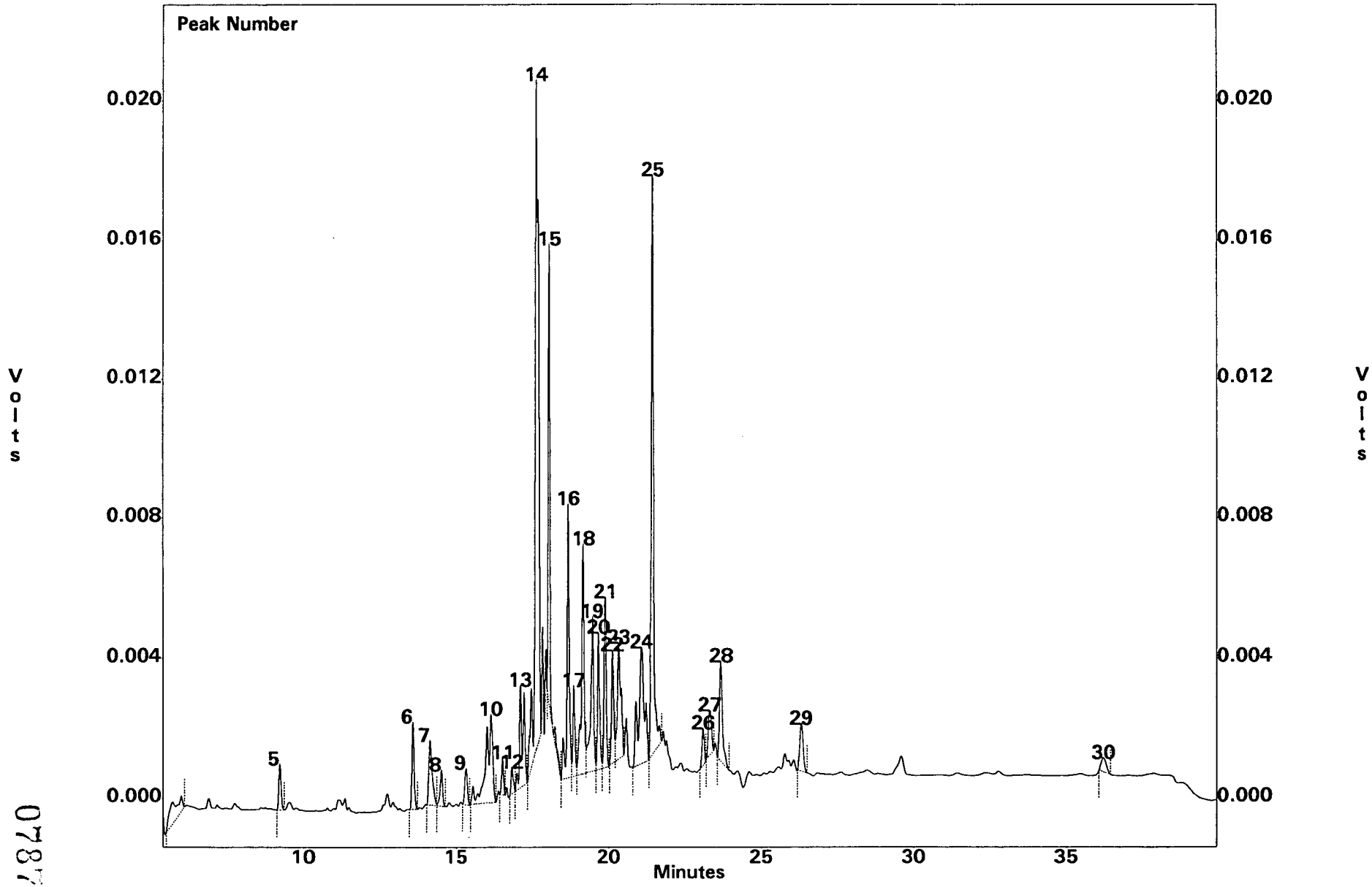
File : C:\EZCHROM\CHROM\EC1CLP\SL12DL
Sample ID : sl12dl10x
Acquired : Sep 06, 1994 13:10:01
User : mb

Channel B Results

RT	AREA
13.15	45536
13.38	15948
13.87	75921
14.03	51378
14.46	240014
14.61	20587
15.39	36865
16.77	23888

File : C:\EZCHROM\CHROM\EC2\CLP\SL12D25X
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL12DL25X
Acquired : Sep 13, 1994 23:53:24
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL12D25X -- Channel B



0787

File : C:\EZCHROM\CHROM\EC2\CLP\SL12D25X
Sample ID : SL12DL25X
Acquired : Sep 13, 1994 23:53:24

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
5	TCMX	9.250	6291	1.828
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
7	HEPTACHLOR	14.142	14058	3.064
8	DELTA BHC	14.508	6106	2.245
9	ALDRIN	15.333	6096	1.648
13	HEPTACHLOR EPOXIDE	17.092	25629	7.316
14	gamma CHLORDANE	17.625	145527	42.454
15	alpha CHLORDANE	18.042	50069	12.664
--	ENDOSULFAN I	18.100	0	0.000
16	P,P' DDE	18.650	41111	13.281
17	DIELDRIN	18.833	11897	3.439
22	ENDRIN	20.125	16966	8.560
23	P,P' DDD	20.333	27223	11.136
--	ENDOSULFAN II	20.692	0	0.000
25	P,P' DDT	21.450	93898	56.493
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
30	DCB	36.217	4803	1.302

0783

Channel B Results

PEAK #	RT, MIN	AREA
1	1.200	92165
2	1.758	118088
3	4.217	4859
4	5.758	13389
6	13.583	12267
10	16.133	39093
11	16.508	4476
12	16.808	3960
18	19.150	42836
19	19.467	30481
20	19.667	20552
21	19.892	23023
24	21.092	45164
26	23.125	5697
27	23.342	9127
28	23.700	19942
29	26.325	10418

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL13

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL13

Sample wt/vol: 35.3 (g/mL) g Lab File ID: SL13

% Moisture: 23 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

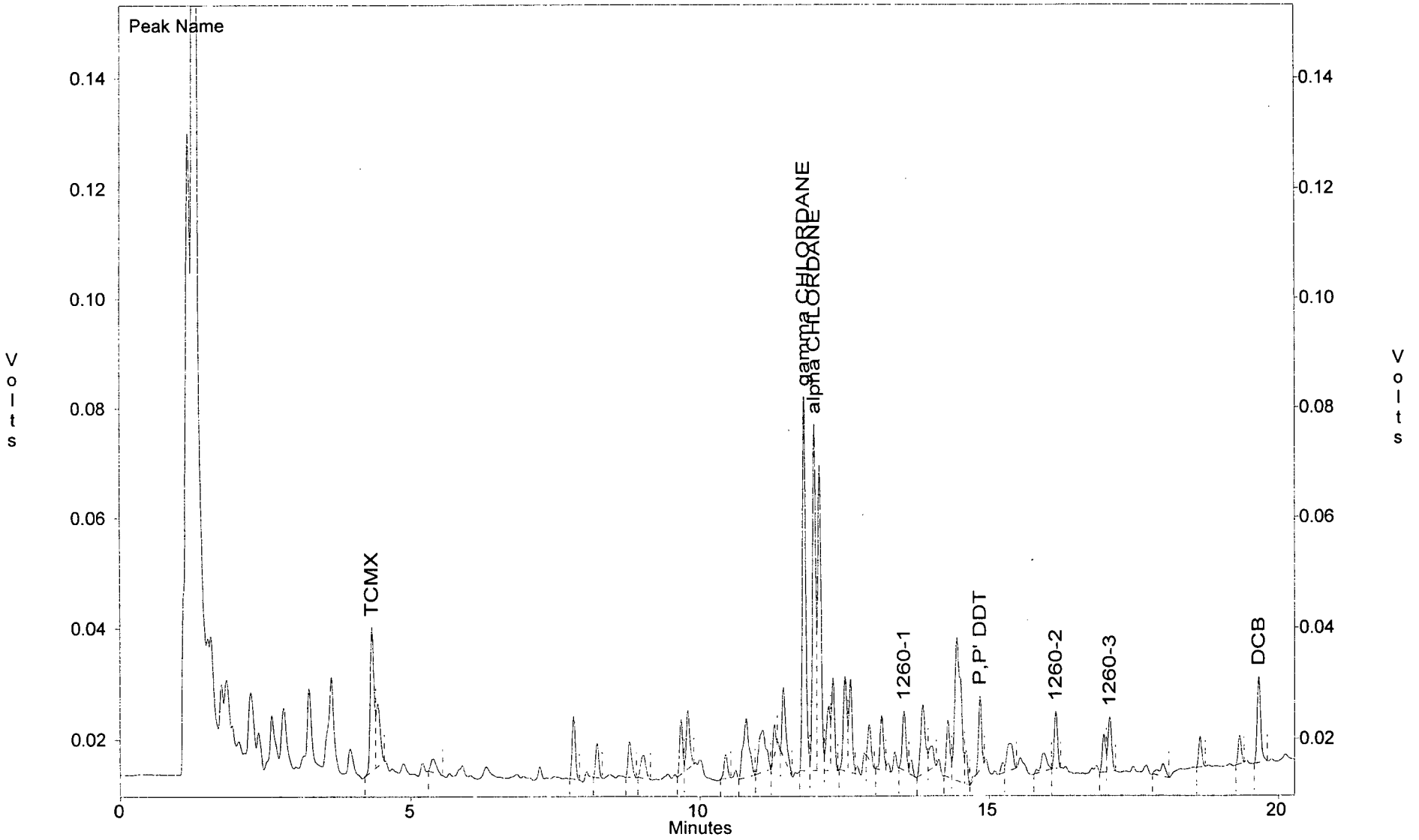
Injection Volume: 2 (uL) Dilution Factor: 1
1

GPC Cleanup: (Y/N) y pH: 5.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3 ----------	4,4'-DDT	5.9	P
5103-71-9 ----------	alpha-Chlordane	4.4	P
5103-74-2 ----------	gamma-Chlordane	5.7	P
12674-11-2 ----------	Aroclor-1016	36.8	U
11104-28-2 ----------	Aroclor-1221	73.6	U
11141-16-5 ----------	Aroclor-1232	36.8	U
53469-21-9 ----------	Aroclor-1242	36.8	U
12672-29-6 ----------	Aroclor-1248	36.8	U
11097-69-1 ----------	Aroclor-1254	36.8	U
11096-82-5 ----------	Aroclor-1260	35.5	JP

File : C:\EZCHROM\CHROM\EC1CLP\SL13
Sample ID : sl13
Acquired : Sep 06, 1994 19:24:59
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL13 -- Channel B



0791

File : C:\EZCHROM\CHROM\EC1CLP\SL13
Sample ID : sl13
Acquired : Sep 06, 1994 19:24:59
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.33	118103	25.61
	gamma CHLORDANE	11.79	264644	54.61
	alpha CHLORDANE	11.96	237961	54.74
	1260-1	13.53	45720	114.90
	P,P' DDT	14.84	48704	15.99
	1260-2	16.14	38419	74.90
	1260-3	17.06	43881	99.62
	DCB	19.65	65861	15.98

Channel B Results

RT	AREA
4.43	54228
5.38	16087
7.81	42398
8.22	22922
8.79	28916
9.03	25467
9.67	36630
9.79	43670
10.44	18114
10.79	77392
11.08	65141
11.28	16737
11.43	56768
12.05	222144
12.21	54442
12.29	61603
12.50	77488
12.60	64329
12.92	23620

Continued...

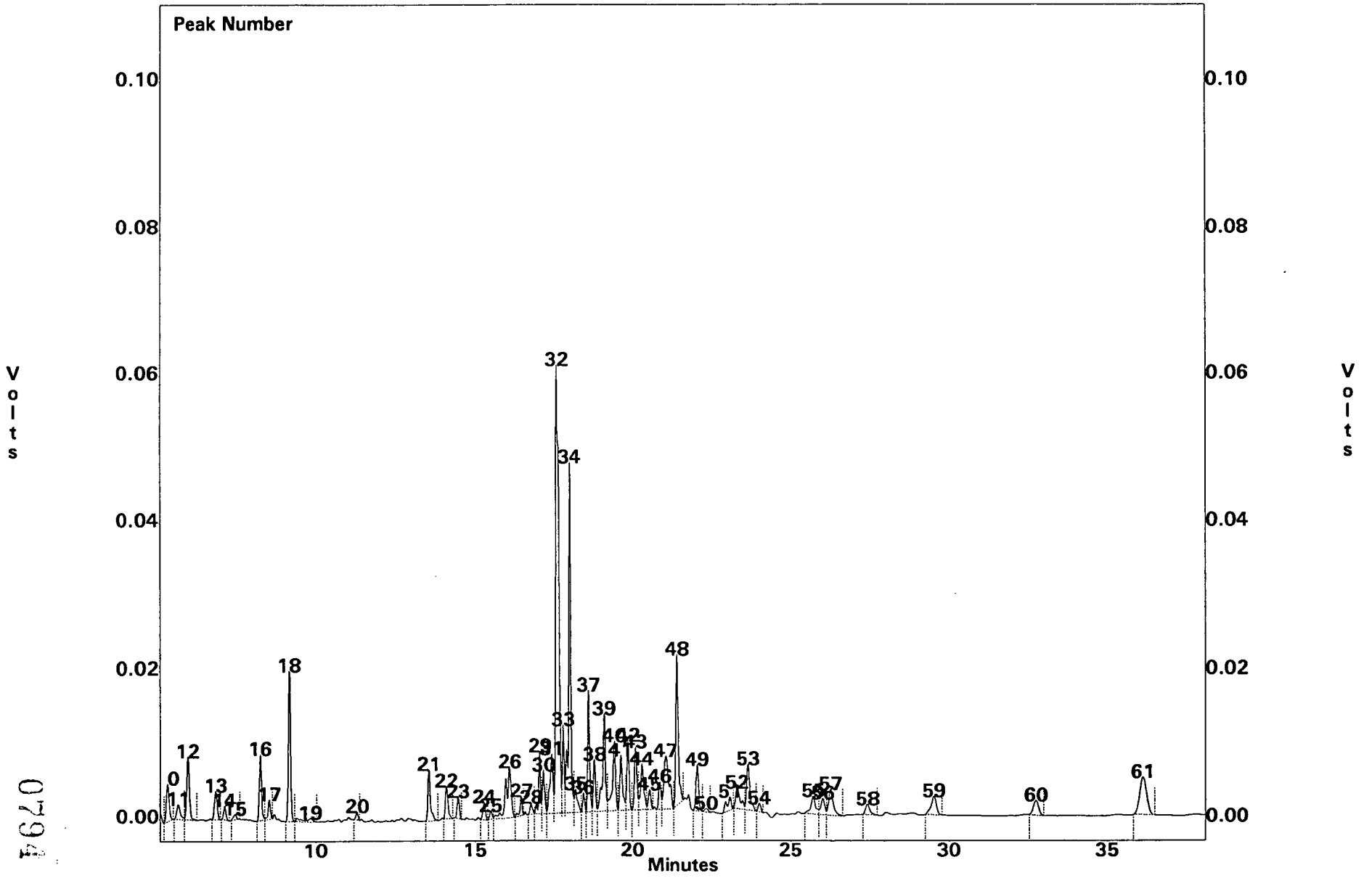
File : C:\EZCHROM\CHROM\EC1CLP\SL13
Sample ID : sl13
Acquired : Sep 06, 1994 19:24:59
User : mb

Channel B Results

RT	AREA
13.14	40558
13.85	68448
14.01	23688
14.29	44226
14.44	187775
14.60	18676
15.34	35260
15.93	23114
16.96	25996
17.99	17075
18.63	20437
19.32	18715

File : C:\EZCHROM\CHROM\EC2\CLP\SL13RE
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL13
Acquired : Sep 13, 1994 11:25:04
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL13RE -- Channel B



0794

File : C:\EZCHROM\CHROM\EC2\CLP\SL13RE
Sample ID : SL13
Acquired : Sep 13, 1994 11:25:04

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
18	TCMX	9.208	95399	27.724
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
22	HEPTACHLOR	14.100	26100	5.689
--	DELTA BHC	14.425	0	0.000
24	ALDRIN	15.292	14239	3.850
29	HEPTACHLOR EPOXIDE	17.075	39457	11.263
31	gamma CHLORDANE	17.442	53406	15.580
33	alpha CHLORDANE	17.808	47123	11.919
34	ENDOSULFAN I	18.017	236113	62.795
36	P,P' DDE	18.458	11413	3.687
38	DIELDRIN	18.817	30817	8.909
43	ENDRIN	20.100	46641	23.530
44	P,P' DDD	20.308	43830	17.929
45	ENDOSULFAN II	20.550	14952	6.359
48	P,P' DDT	21.417	116576	70.138
--	ENDRIN ALDEHYDE	21.917	0	0.000
50	ENDOSULFAN SULFATE	22.342	3589	1.745
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
61	DCB	36.125	78640	21.323

Channel B Results

PEAK #	RT, MIN	AREA
1	1.408	1056582
2	1.717	1501632
3	2.100	96042
4	2.483	131440
5	3.058	28956
6	3.717	19464
7	4.383	49370
8	4.675	11477
9	5.067	29439
10	5.375	30541
11	5.717	15620
12	6.008	49274
13	6.892	23460
14	7.175	10329
15	7.508	4696
16	8.300	44947
17	8.583	13261
19	9.867	10553
20	11.317	5356
21	13.558	38707
23	14.483	14535
25	15.508	6304
26	16.108	82155
27	16.483	14394
28	16.783	7519
30	17.192	27240
32	17.600	427681
35	18.208	21872
37	18.633	72874
39	19.125	85903
40	19.442	62785
41	19.642	44982
42	19.867	45565
46	20.883	20209
47	21.058	80865
49	22.058	37230
51	23.092	18696
52	23.308	29967
53	23.658	46199
54	24.008	7011
55	25.725	26665
56	26.033	18891
57	26.275	37000

Continued...

PEAK #	RT, MIN	AREA
58	27.442	13237
59	29.533	30777
60	32.742	23333

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL14

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL14

Sample wt/vol: 35 (g/mL) g Lab File ID: SL14

% Moisture: 19 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/05/94 / 9/6/94

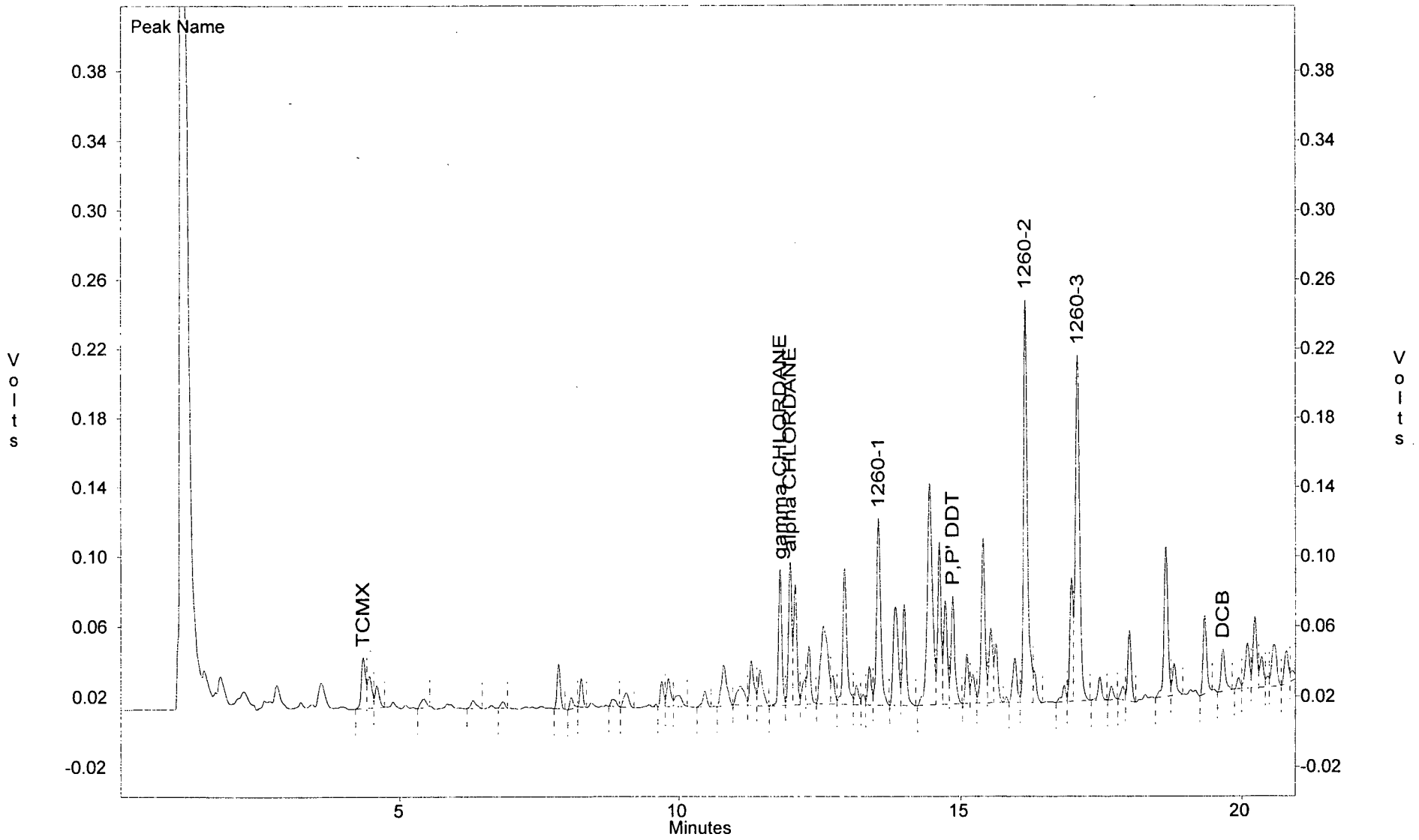
Injection Volume: 2 (uL) Dilution Factor: 1 / 1

GPC Cleanup: (Y/N) y pH: 5.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	32.3	P
5103-71-9	alpha-Chlordane	26.5	
5103-74-2	gamma-Chlordane	22.5	P
12674-11-2	Aroclor-1016	35.3	U
11104-28-2	Aroclor-1221	70.5	U
11141-16-5	Aroclor-1232	35.3	U
53469-21-9	Aroclor-1242	35.3	U
12672-29-6	Aroclor-1248	35.3	U
11097-69-1	Aroclor-1254	35.3	U
11096-82-5	Aroclor-1260	698.0	E

File : C:\EZCHROM\CHROM\EC1CLP\SL14
Sample ID : SL-14
Acquired : Sep 05, 1994 16:50:31
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL14 -- Channel B



0799

File : C:\EZCHROM\CHROM\EC1CLP\SL14
Sample ID : SL-14
Acquired : Sep 05, 1994 16:50:31
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	141688	30.73
	gamma CHLORDANE	11.80	309049	63.77
	alpha CHLORDANE	11.98	326510	75.10
	1260-1	13.54	525106	1319.67
	P,P' DDT	14.85	279300	91.67
	1260-2	16.15	1140333	2223.00
	1260-3	17.07	1054274	2393.34
	DCB	19.66	121050	29.37

Channel B Results

RT	AREA
4.46	100290
4.59	64501
5.42	32823
6.31	29018
6.84	17146
7.83	98396
8.05	27665
8.24	61426
8.81	26732
9.06	53550
9.69	61945
9.81	79058
10.00	55539
10.46	46513
10.81	155840
11.10	99948
11.29	134874
11.45	116550
12.07	278967

0080

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\SL14
Sample ID : SL-14
Acquired : Sep 05, 1994 16:50:31
User : mb

Channel B Results

RT	AREA
12.23	59103
12.31	139988
12.56	386866
12.73	66956
12.94	387600
13.15	51139
13.27	22773
13.38	96507
13.84	334464
13.99	269679
14.45	817789
14.62	374229
14.72	255968
15.11	109609
15.21	80889
15.40	446545
15.54	195766
15.63	145913
15.97	130044
16.32	67557
16.84	44916
16.97	278341
17.47	58010
17.68	32581
17.88	35121
17.99	173559
18.64	419089
18.79	86232
19.33	191069
19.94	25184
20.09	133192
20.23	194304
20.35	79149

Continued...

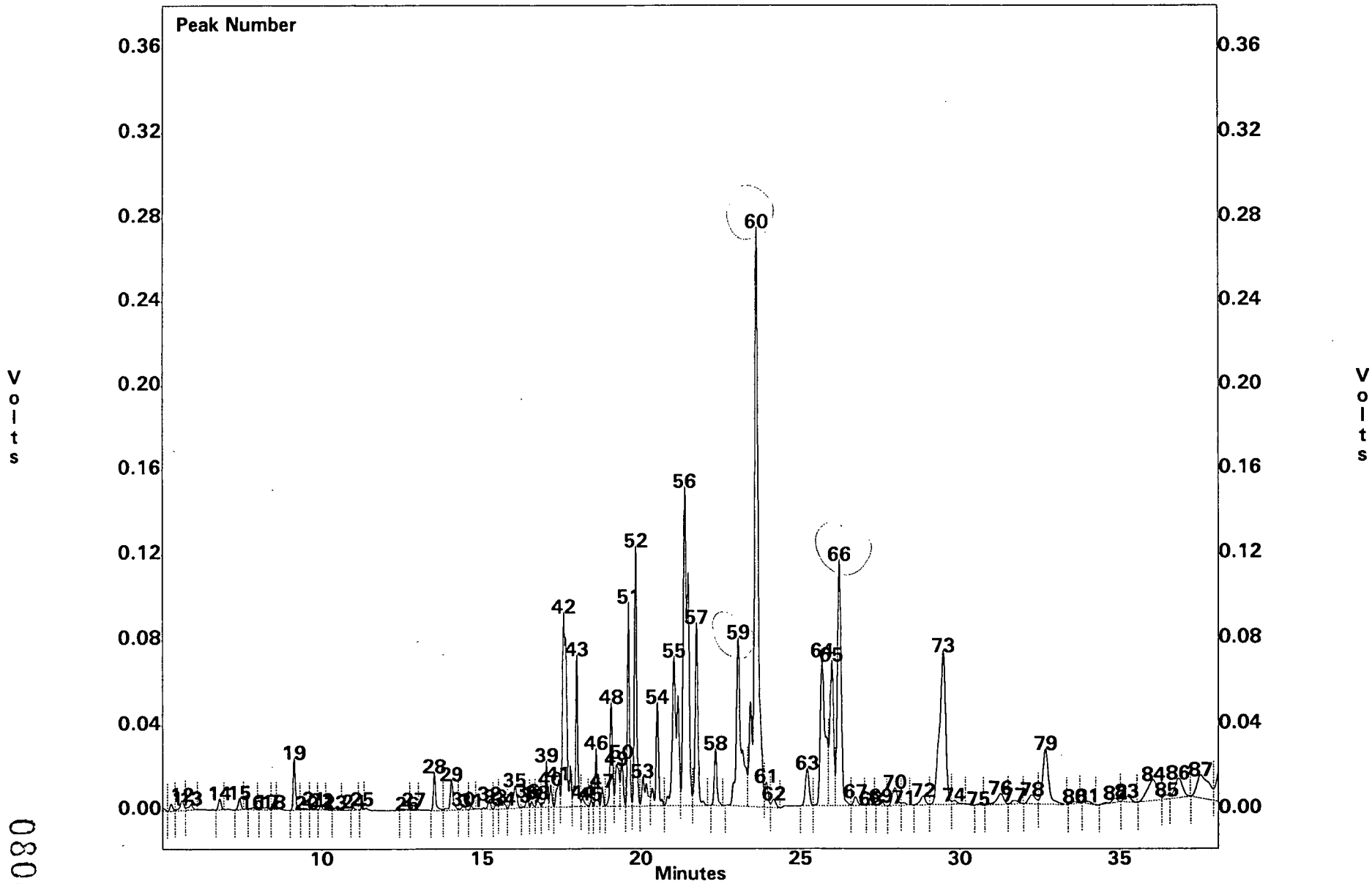
File : C:\EZCHROM\CHROM\EC1CLP\SL14
Sample ID : SL-14
Acquired : Sep 05, 1994 16:50:31
User : mb

Channel B Results

RT	AREA
20.45	23255
20.57	150909
20.79	97704
20.90	30436

File : C:\EZCHROM\CHROM\EC2\CLP\SL14.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : sl14
Acquired : Sep 06, 1994 14:27:54
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL14.GC2 -- Channel B



0803

File : C:\EZCHROM\CHROM\EC2\CLP\SL14.GC2
Sample ID : sl14
Acquired : Sep 06, 1994 14:27:54

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
19	TCMX	9.158	115730	33.633
--	alpha BHC	11.617	0	0.000
27	gamma BHC	12.867	15057	3.846
--	BETA BHC	13.150	0	0.000
29	HEPTACHLOR	14.050	100332	21.870
30	DELTA BHC	14.425	17127	6.297
32	ALDRIN	15.233	34565	9.346
40	HEPTACHLOR EPOXIDE	17.158	47705	13.617
42	gamma CHLORDANE	17.567	821268	239.583
43	alpha CHLORDANE	17.983	353585	89.431
44	ENDOSULFAN I	18.175	24097	6.409
46	P,P' DDE	18.600	119081	38.470
47	DIELDRIN	18.783	39470	11.410
53	ENDRIN	20.058	146379	73.846
--	P,P' DDD	20.292	0	0.000
54	ENDOSULFAN II	20.517	303526	129.077
56	P,P' DDT	21.375	1501252	903.219
57	ENDRIN ALDEHYDE	21.742	544297	310.058
58	ENDOSULFAN SULFATE	22.342	164110	79.778
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
84	DCB	36.042	207195	56.179

Channel B Results

PEAK #	RT, MIN	AREA
1	1.417	5000971
2	1.717	1192881
3	2.333	79475
4	2.808	5176
5	3.217	9695
6	3.742	19998
7	4.125	11471
8	4.350	14797
9	4.800	18630
10	5.042	14290
11	5.342	20871
12	5.675	40419
13	5.967	27705
14	6.850	31572
15	7.467	33134
16	7.883	8752
17	8.342	17180
18	8.542	3983
20	9.542	6092
21	9.758	15266
22	9.992	10382
23	10.433	7058
24	11.008	6833
25	11.267	8986
26	12.658	5899
28	13.508	94429
31	14.675	8627
33	15.450	18641
34	15.700	30025
35	16.050	115373
36	16.433	27957
37	16.575	13265
38	16.742	25831
39	17.033	102538
41	17.408	97973
45	18.425	15223
48	19.067	282783
49	19.233	160100
50	19.400	121538
51	19.608	456529
52	19.833	596011
55	21.042	801922
59	23.050	864817

Continued...

PEAK #	RT, MIN	AREA
60	23.617	2431542
61	23.925	92158
62	24.167	36460
63	25.217	139741
64	25.683	767334
65	25.983	553929
66	26.225	993630
67	26.742	37159
68	27.217	4823
69	27.550	18818
70	27.975	89834
71	28.242	13286
72	28.858	49695
73	29.483	993282
74	29.825	22451
75	30.592	4256
76	31.283	75190
77	31.700	24475
78	32.250	64841
79	32.675	356820
80	33.592	10757
81	33.983	14368
82	34.867	27276
83	35.233	37694
85	36.458	22264
86	36.808	155199
87	37.517	292324
88	38.208	468355

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL14DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL14DL

Sample wt/vol: 35 (g/mL) g Lab File ID: SL14DL

% Moisture: 19 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/6/94

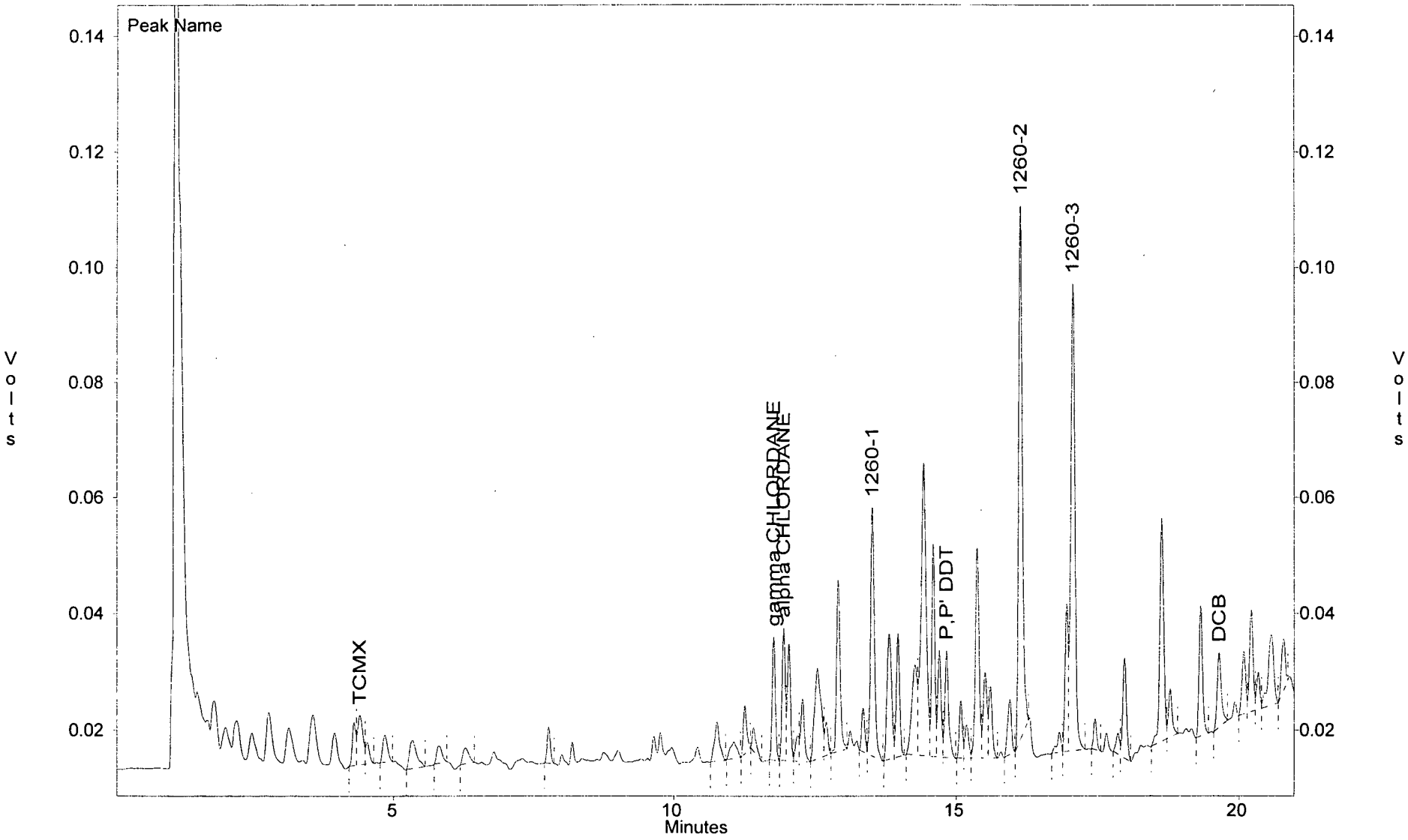
Injection Volume: 2 (uL) Dilution Factor: 5
5

GPC Cleanup: (Y/N) y pH: 5.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3 ----------	4,4'-DDT	47.0	DP
5103-71-9 ----------	alpha-Chlordane	8.8	DU
5103-74-2 ----------	gamma-Chlordane	8.8	DU
12674-11-2 ----------	Aroclor-1016	176.4	DU
11104-28-2 ----------	Aroclor-1221	352.7	DU
11141-16-5 ----------	Aroclor-1232	176.4	DU
53469-21-9 ----------	Aroclor-1242	176.4	DU
12672-29-6 ----------	Aroclor-1248	176.4	DU
11097-69-1 ----------	Aroclor-1254	176.4	DU
11096-82-5 ----------	Aroclor-1260	1328.0	DP

File : C:\EZCHROM\CHROM\EC1CLP\SL14DL
Sample ID : SL14DL5X
Acquired : Sep 06, 1994 14:52:39
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL14DL -- Channel B



File : C:\EZCHROM\CHROM\EC1CLP\SL14DL
Sample ID : SL14DL5X
Acquired : Sep 06, 1994 14:52:39
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.40	57078	12.38
	gamma CHLORDANE	11.76	78769	16.25
	alpha CHLORDANE	11.94	85675	19.71
	1260-1	13.51	201616	506.69
	P,P' DDT	14.82	81827	26.86
	1260-2	16.13	408762	796.85
	1260-3	17.05	420964	955.65
	DCB	19.64	63761	15.47

Channel B Results

RT	AREA
4.29	31470
4.53	17301
4.85	28451
5.34	41339
5.81	19820
6.29	19772
7.77	23692
10.76	42879
11.06	23177
11.26	34704
11.41	19187
12.03	78825
12.19	18538
12.27	48040
12.53	124549
12.70	22637
12.90	131361
13.35	30198
13.81	120616

0809

Continued...

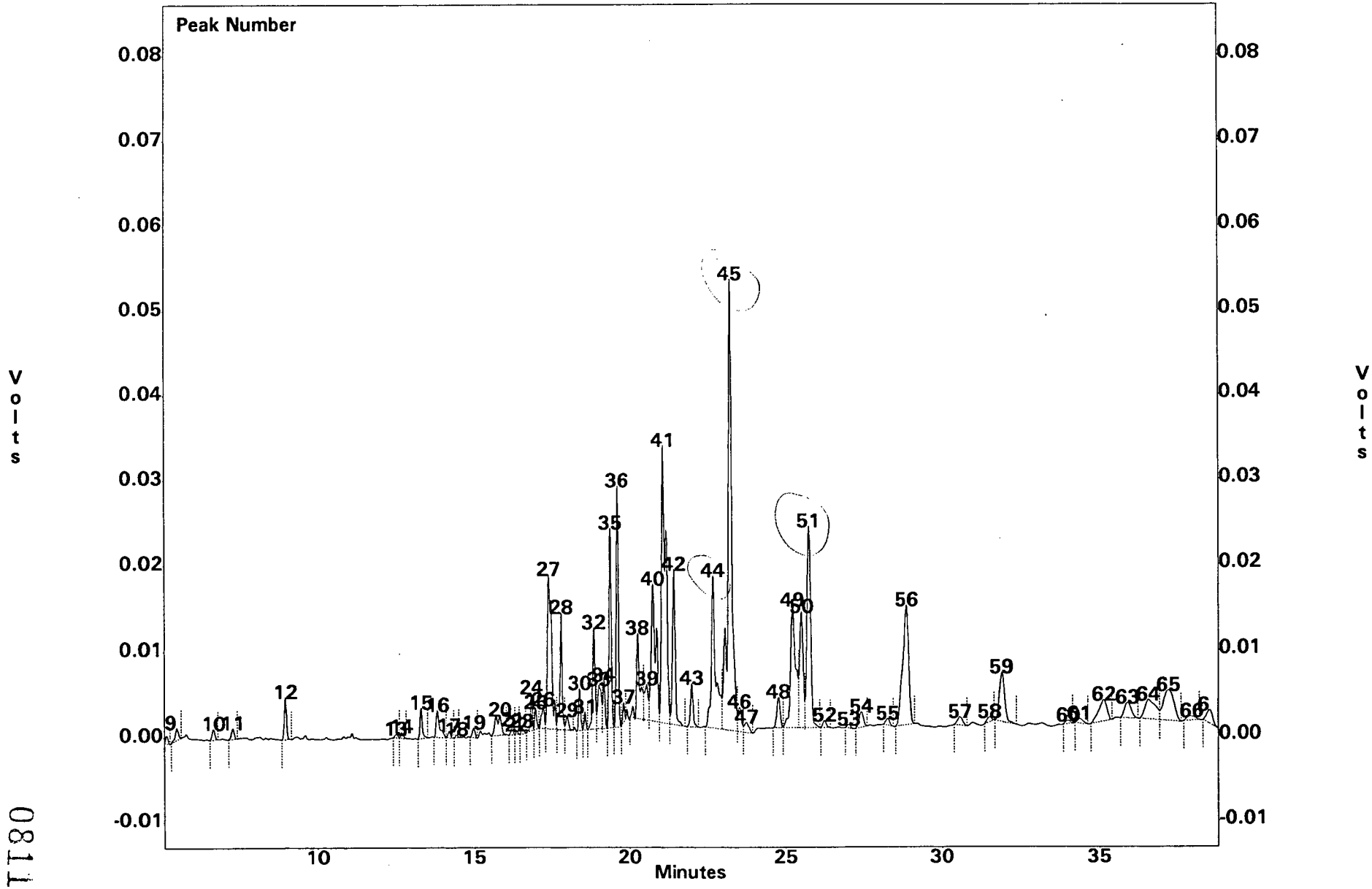
File : C:\EZCHROM\CHROM\EC1CLP\SL14DL
Sample ID : SL14DL5X
Acquired : Sep 06, 1994 14:52:39
User : mb

Channel B Results

RT	AREA
13.96	87784
14.26	103919
14.42	324572
14.59	138688
14.70	76340
15.08	37111
15.19	26547
15.37	166894
15.51	67401
15.61	50563
15.95	43858
16.82	16559
16.95	94157
17.45	20179
17.86	15708
17.97	74839
18.62	181804
18.77	38554
19.31	95321
20.08	49354
20.21	75303
20.33	24916
20.56	85561
20.77	41556

File : C:\EZCHROM\CHROM\EC2\CLP\SL14DL5X.GC2
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL145X SL14DL
Acquired : Sep 06, 1994 15:10:01
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL14DL5X.GC2 -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\SL14DL5X.GC2
Sample ID : SL145X
Acquired : Sep 06, 1994 15:10:01

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
--	TCMX	9.167	0	0.000
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
18	DELTA BHC	14.442	1681	0.618
--	ALDRIN	15.325	0	0.000
26	HEPTACHLOR EPOXIDE	17.225	17301	4.939
--	gamma CHLORDANE	17.575	0	0.000
29	alpha CHLORDANE	17.983	10265	2.597
--	ENDOSULFAN I	18.100	0	0.000
31	P,P' DDE	18.575	8040	2.598
33	DIELDRIN	19.008	40268	11.641
--	ENDRIN	20.108	0	0.000
38	P,P' DDD	20.250	82404	33.709
40	ENDOSULFAN II	20.758	161068	68.495
42	P,P' DDT	21.433	113504	68.289
43	ENDRIN ALDEHYDE	22.008	30018	17.100
--	ENDOSULFAN SULFATE	22.417	0	0.000
50	METHOXYCHLOR	25.500	106107	78.407
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

Channel B Results

PEAK #	RT, MIN	AREA
1	1.158	79914
2	1.383	1092809
3	1.675	243811
4	2.000	27370
5	2.267	13935
6	3.650	2996
7	4.033	3357
8	5.217	5015
9	5.550	9607
10	6.717	7351
11	7.325	7289
12	9.000	22699
13	12.508	2667
14	12.683	4198
15	13.308	17714
16	13.842	24585
17	14.208	4581
19	14.992	6589
20	15.825	30576
21	16.233	5317
22	16.367	2072
23	16.550	4706
24	16.850	17952
25	16.975	10794
27	17.392	158006
28	17.792	62342
30	18.400	20741
32	18.850	64823
34	19.167	27138
35	19.367	107182
36	19.592	130736
37	19.808	9279
39	20.558	33194
41	21.083	299490
44	22.683	176290
45	23.233	481965
46	23.533	21503
47	23.758	11856
48	24.767	27478
49	25.217	159483
51	25.733	191743
52	26.233	6327
53	27.008	3022

Continued...

PEAK #	RT, MIN	AREA
54	27.417	16161
55	28.258	6435
56	28.858	187194
57	30.583	10830
58	31.525	5561
59	31.917	66580
60	34.008	3573
61	34.358	6857
62	35.142	44899
63	35.900	27792
64	36.558	53481
65	37.192	82099
66	37.933	8476
67	38.508	20105

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL14B

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL14B

Sample wt/vol: 35.6 (g/mL) g Lab File ID: SL14B

% Moisture: 25 decanted: (Y/N) n Date Received: 09/09/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 09/12/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/94
9/13/94

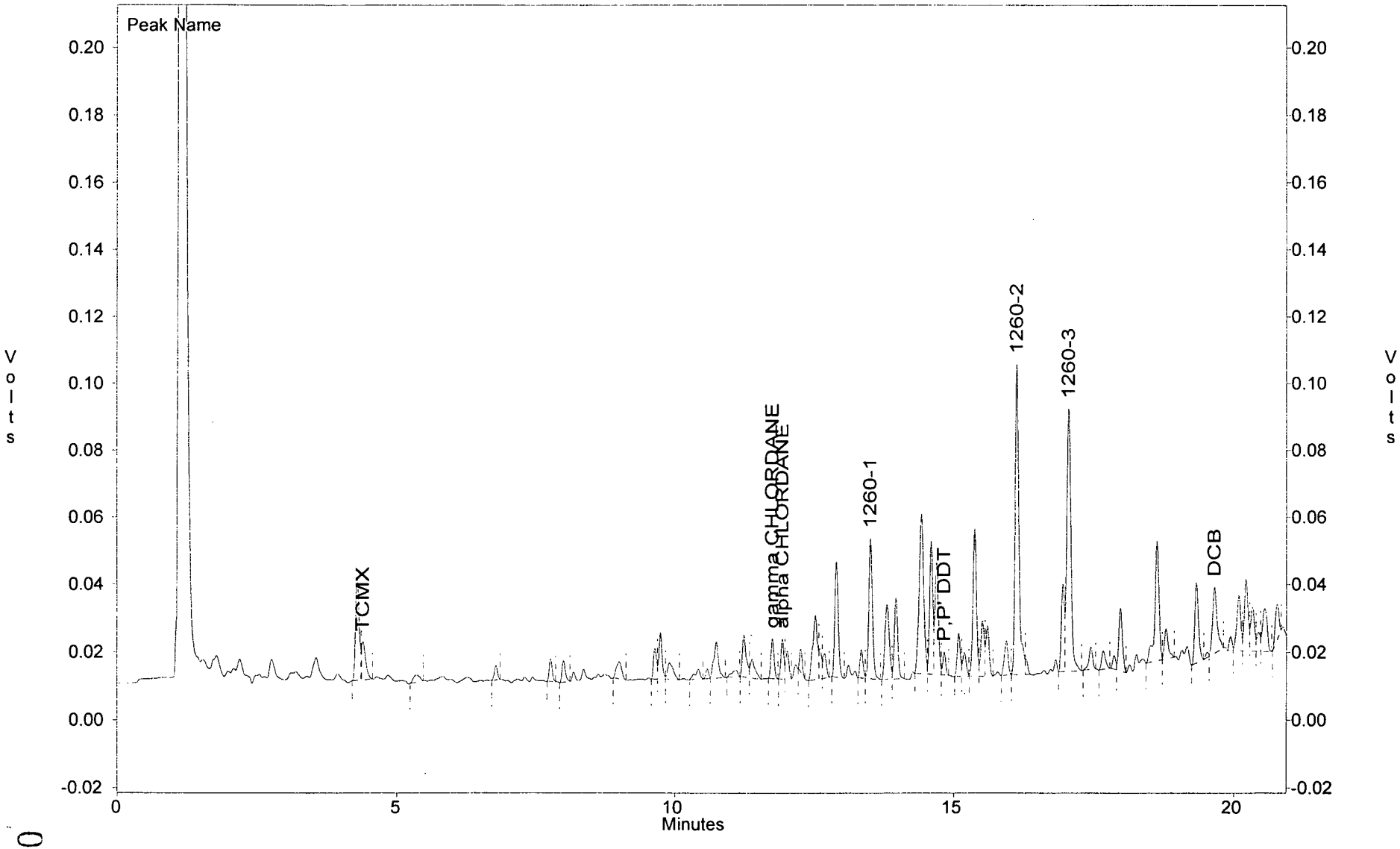
Injection Volume: 2 (uL) Dilution Factor: 1
1

GPC Cleanup: (Y/N) y pH: 5.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37.5	U
11104-28-2	Aroclor-1221	74.9	U
11141-16-5	Aroclor-1232	37.5	U
53469-21-9	Aroclor-1242	37.5	U
12672-29-6	Aroclor-1248	37.5	U
11097-69-1	Aroclor-1254	37.5	U
11096-82-5	Aroclor-1260	538.0	P

File : C:\EZCHROM\CHROM\EC1CLP\SL14B
Sample ID : SL14B
Acquired : Sep 13, 1994 13:13:06
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL14B -- Channel B



0816

File : C:\EZCHROM\CHROM\EC1CLP\SL14B
Sample ID : SL14B
Acquired : Sep 13, 1994 13:13:06
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.39	54711	11.87
	gamma CHLORDANE	11.76	43823	9.04
	alpha CHLORDANE	11.94	43486	10.00
	1260-1	13.50	184888	464.65
	P,P' DDT	14.83	23712	7.78
	1260-2	16.13	430587	839.40
	1260-3	17.06	400501	909.19
	DCB	19.65	113533	27.55

Channel B Results

RT	AREA
4.29	137172
5.36	16913
6.79	16876
7.77	24662
8.00	26616
9.01	33191
9.65	36239
9.75	55104
9.91	34142
10.43	18303
10.76	61337
11.10	15029
11.25	60076
11.40	32525
12.03	30235
12.27	22720
12.52	109942
12.61	26317
12.69	28737

0817

Continued...

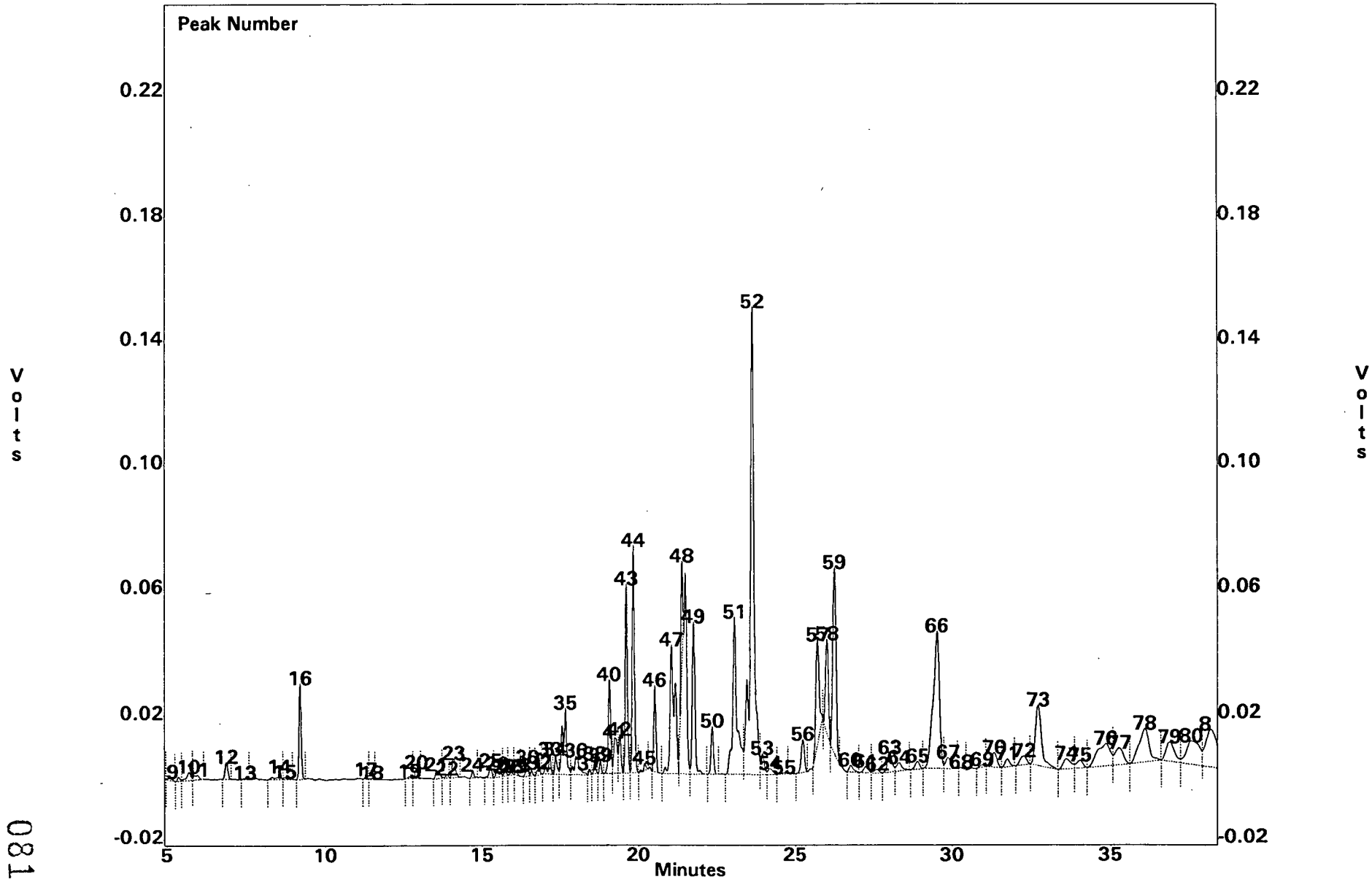
File : C:\EZCHROM\CHROM\EC1CLP\SL14B
Sample ID : SL14B
Acquired : Sep 13, 1994 13:13:06
User : mb

Channel B Results

RT	AREA
12.90	144744
13.34	31559
13.80	115471
13.96	101390
14.42	263077
14.59	158262
14.69	141219
15.08	48397
15.18	31430
15.37	193038
15.51	69340
15.61	62453
15.95	47666
16.95	96321
17.46	29897
17.67	27394
17.98	81373
18.63	182264
18.79	41683
19.33	106437
20.09	79664
20.22	101512
20.34	60856
20.45	24310
20.56	73870
20.79	49606

File : C:\EZCHROM\CHROM\EC2\CLP\SL14B
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL14B
Acquired : Sep 13, 1994 17:17:06
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL14B -- Channel B



File : C:\EZCHROM\CHROM\EC2\CLP\SL14B
Sample ID : SL14B
Acquired : Sep 13, 1994 17:17:06

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
16	TCMX	9.208	145924	42.408
18	alpha BHC	11.500	2950	0.760
20	gamma BHC	12.908	18312	4.678
--	BETA BHC	13.150	0	0.000
23	HEPTACHLOR	14.108	46320	10.097
--	DELTA BHC	14.425	0	0.000
25	ALDRIN	15.283	23883	6.458
33	HEPTACHLOR EPOXIDE	17.175	38744	11.060
35	gamma CHLORDANE	17.675	187712	54.760
--	alpha CHLORDANE	17.992	0	0.000
36	ENDOSULFAN I	18.008	70637	18.786
38	P,P' DDE	18.617	19997	6.460
39	DIELDRIN	18.800	16525	4.777
--	ENDRIN	20.108	0	0.000
45	P,P' DDD	20.217	12915	5.283
46	ENDOSULFAN II	20.542	130930	55.679
48	P,P' DDT	21.400	148611	89.411
49	ENDRIN ALDEHYDE	21.767	296814	169.080
50	ENDOSULFAN SULFATE	22.367	89035	43.282
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
78	DCB	36.092	236510	64.127

Channel B Results

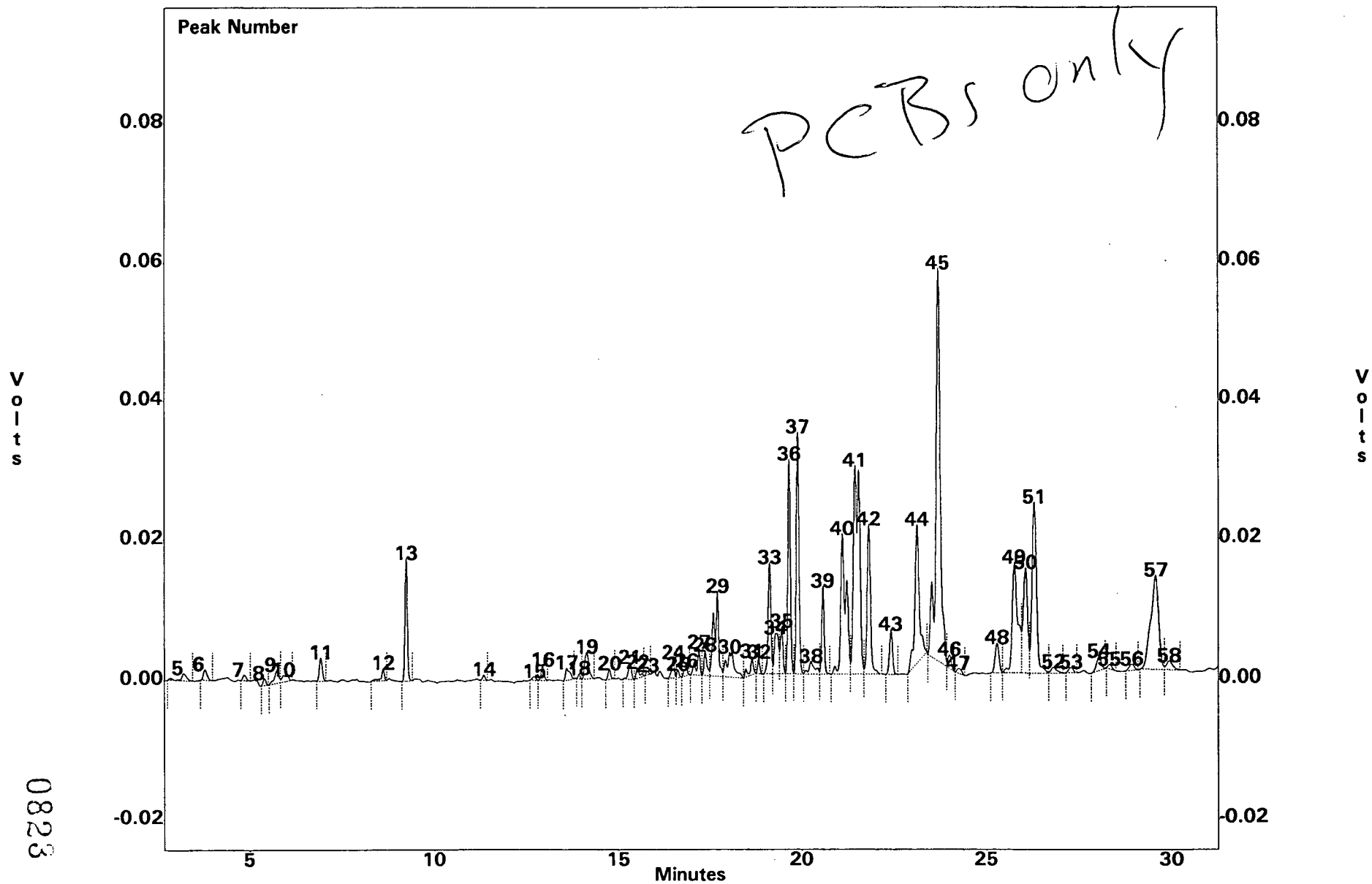
PEAK #	RT, MIN	AREA
1	1.417	6461370
2	2.333	26571
3	2.858	2720
4	3.217	13073
5	3.783	20771
6	4.358	11703
7	4.825	11504
8	5.067	7316
9	5.383	8545
10	5.708	24155
11	5.992	18244
12	6.892	32531
13	7.492	3382
14	8.575	21306
15	8.733	5867
17	11.308	6628
19	12.692	4280
21	13.550	24522
22	13.892	7089
24	14.708	12027
26	15.492	18450
27	15.758	8856
28	15.967	6105
29	16.100	5735
30	16.467	22628
31	16.600	7120
32	16.842	12393
34	17.350	30803
37	18.450	6851
40	19.083	166536
41	19.258	90642
42	19.417	61639
43	19.625	284494
44	19.850	344419
47	21.067	417363
51	23.075	506282
52	23.642	1336053
53	23.950	52425
54	24.200	20325
55	24.658	3649
56	25.250	81374
57	25.717	249711
58	26.017	187307

Continued...

PEAK #	RT, MIN	AREA
59	26.258	448224
60	26.767	19909
61	27.242	19655
62	27.600	12122
63	28.008	65570
64	28.300	33234
65	28.892	24203
66	29.517	613021
67	29.875	41204
68	30.300	3999
69	30.967	6034
70	31.333	60781
71	31.733	25932
72	32.267	39257
73	32.725	261620
74	33.625	55779
75	34.050	36894
76	34.858	206800
77	35.283	99462
79	36.892	117595
80	37.583	218668
81	38.225	305765
82	39.050	66704

File : C:\EZCHROM\CHROM\EC2\CLP\SL14BD5X
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL14BDL5X
Acquired : Sep 14, 1994 01:20:45
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL14BD5X -- Channel B



0823

File : C:\EZCHROM\CHROM\EC2\CLP\SL14BD5X
Sample ID : SL14BDL5X
Acquired : Sep 14, 1994 01:20:45

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
13	TCMX	9.250	79474	23.096
--	alpha BHC	11.617	0	0.000
16	gamma BHC	12.950	11311	2.890
--	BETA BHC	13.150	0	0.000
19	HEPTACHLOR	14.150	29721	6.479
--	DELTA BHC	14.425	0	0.000
21	ALDRIN	15.325	14973	4.049
27	HEPTACHLOR EPOXIDE	17.208	24666	7.041
29	gamma CHLORDANE	17.708	108915	31.773
--	alpha CHLORDANE	17.992	0	0.000
30	ENDOSULFAN I	18.042	52450	13.949
31	P,P' DDE	18.650	16781	5.421
32	DIELDRIN	18.833	8963	2.591
--	ENDRIN	20.108	0	0.000
38	P,P' DDD	20.258	19265	7.881
39	ENDOSULFAN II	20.575	60880	25.890
41	P,P' DDT	21.442	342029	205.780
42	ENDRIN ALDEHYDE	21.808	131592	74.961
43	ENDOSULFAN SULFATE	22.408	37280	18.123
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

Channel B Results

PEAK #	RT, MIN	AREA
1	1.450	3453315
2	1.742	248974
3	2.117	17513
4	2.375	14022
5	3.250	11445
6	3.817	10597
7	4.867	5041
8	5.417	5602
9	5.750	15132
10	5.933	10631
11	6.933	19130
12	8.617	10857
14	11.358	3429
15	12.725	3346
17	13.592	13972
18	13.933	2746
20	14.758	7199
22	15.542	9249
23	15.808	2618
24	16.508	14170
25	16.642	4561
26	16.875	8090
28	17.375	17881
33	19.125	88432
34	19.300	45840
35	19.458	33201
36	19.658	145937
37	19.892	167194
40	21.108	196291
44	23.117	158293
45	23.692	470946
46	24.000	12146
47	24.250	6248
48	25.300	33337
49	25.767	173865
50	26.067	123703
51	26.308	208084
52	26.825	8895
53	27.308	6162
54	28.067	18521
55	28.350	4541
56	28.950	8199
57	29.583	195631

Continued...

PEAK #	RT, MIN	AREA
58	29.942	15022

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL15

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL15

Sample wt/vol: 35.4 (g/mL) g Lab File ID: SL15

% Moisture: 9 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

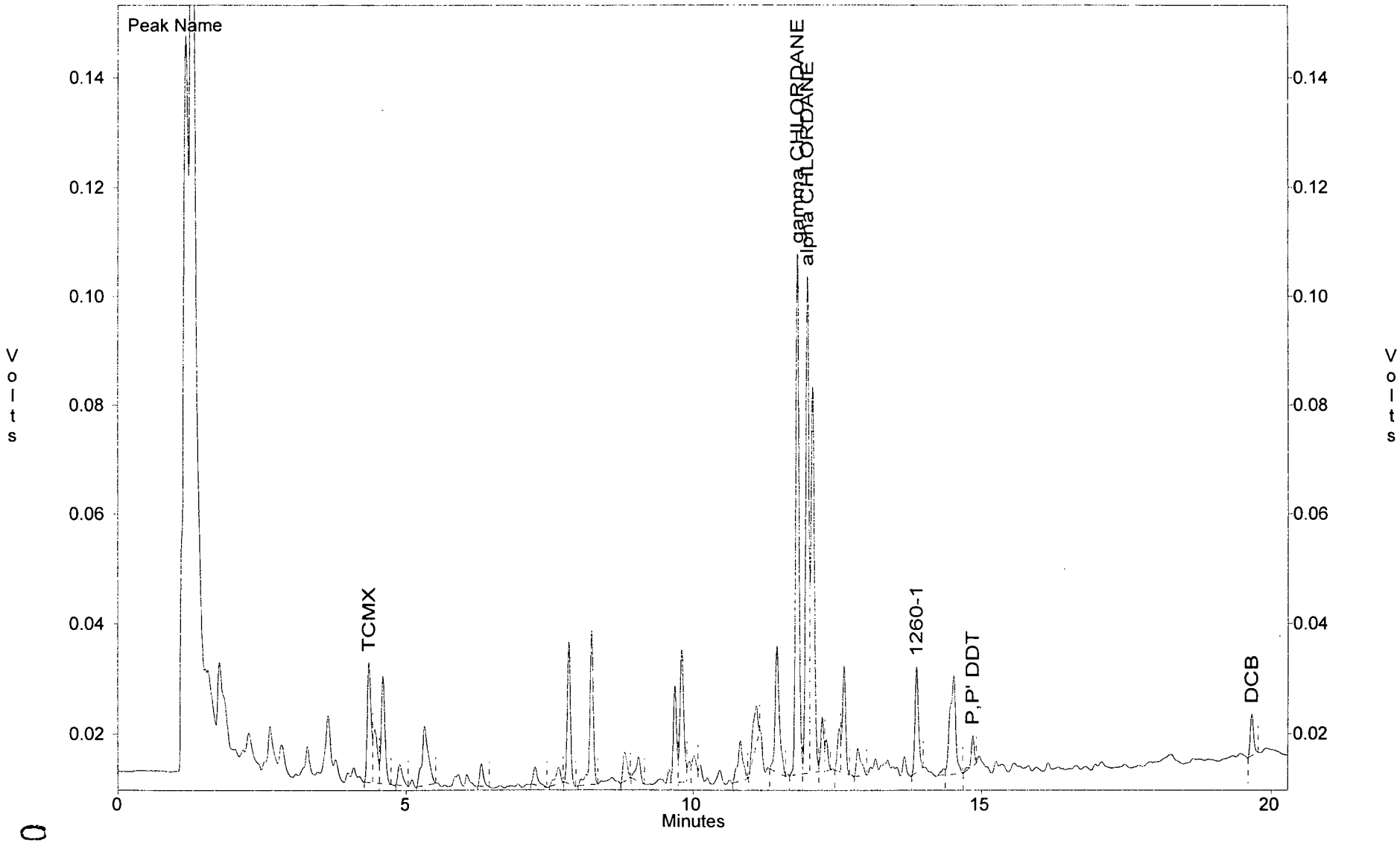
Injection Volume: 2 (uL) Dilution Factor: 1
1

GPC Cleanup: (Y/N) y pH: 5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	1.9	JP
5103-71-9	alpha-Chlordane	7.6	P
5103-74-2	gamma-Chlordane	12.1	P
12674-11-2	Aroclor-1016	31.0	U
11104-28-2	Aroclor-1221	62.1	U
11141-16-5	Aroclor-1232	31.0	U
53469-21-9	Aroclor-1242	31.0	U
12672-29-6	Aroclor-1248	31.0	U
11097-69-1	Aroclor-1254	31.0	U
11096-82-5	Aroclor-1260	31.0	U

File : C:\EZCHROM\CHROM\EC1CLP\SL15
Sample ID : sl15
Acquired : Sep 06, 1994 19:49:56
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL15 -- Channel B



0328

File : C:\EZCHROM\CHROM\EC1CLP\SL15
Sample ID : sl15
Acquired : Sep 06, 1994 19:49:56
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	98758	21.42
	gamma CHLORDANE	11.80	373724	77.12
	alpha CHLORDANE	11.97	346364	79.67
	~~1260-1~~	13.87	79767	200.47
	P,P' DDT	14.85	18666	6.13
	DCB	19.66	29216	7.09

Channel B Results

RT	AREA
4.45	48789
4.59	93435
4.89	20890
5.32	83256
6.31	18854
7.24	17419
7.64	19066
7.82	101134
8.23	120950
8.80	26334
9.05	24459
9.68	70041
9.80	105474
10.01	26262
10.82	46151
11.09	45264
11.45	116292
12.06	287446
12.23	36585

0829

Continued...

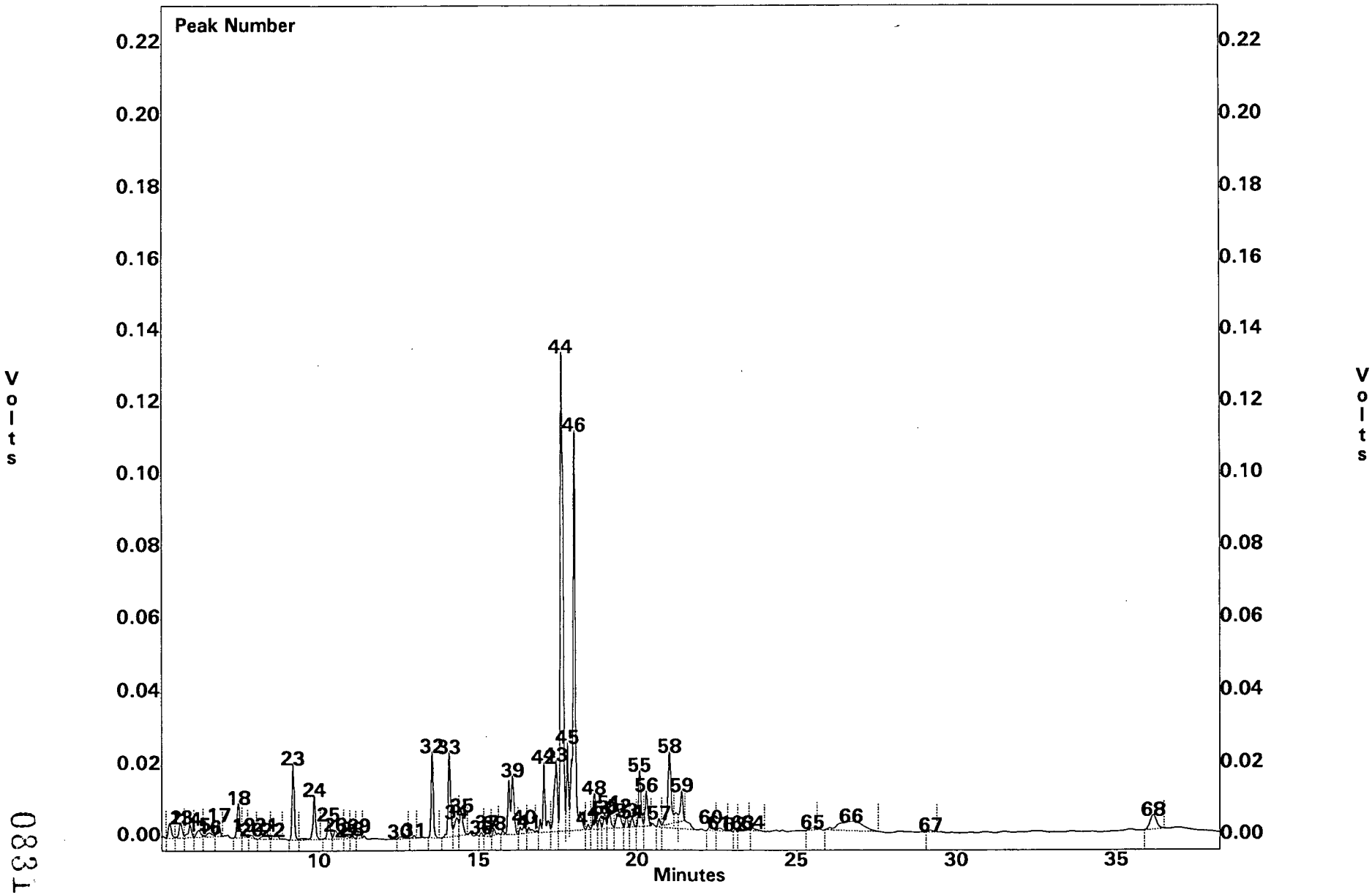
File : C:\EZCHROM\CHROM\EC1CLP\SL15
Sample ID : sl15
Acquired : Sep 06, 1994 19:49:56
User : mb

Channel B Results

RT	AREA
12.30	19777
12.52	29122
12.61	74517
12.85	28328
14.51	120911

File : C:\EZCHROM\CHROM\EC2\CLP\SL15
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL15
Acquired : Sep 13, 1994 13:48:16
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL15 -- Channel B



0831

File : C:\EZCHROM\CHROM\EC2\CLP\SL15
Sample ID : SL15
Acquired : Sep 13, 1994 13:48:16

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
23	TCMX	9.217	100136	29.101
--	alpha BHC	11.617	0	0.000
31	gamma BHC	12.992	3594	0.918
--	BETA BHC	13.150	0	0.000
--	HEPTACHLOR	14.058	0	0.000
34	DELTA BHC	14.333	48200	17.722
37	ALDRIN	15.283	16503	4.462
42	HEPTACHLOR EPOXIDE	17.067	107375	30.650
43	gamma CHLORDANE	17.442	133822	39.039
45	alpha CHLORDANE	17.808	97028	24.541
46	ENDOSULFAN I	18.017	603619	160.535
47	P,P' DDE	18.458	7068	2.283
49	DIELDRIN	18.817	14408	4.165
55	ENDRIN	20.092	85578	43.173
56	P,P' DDD	20.308	54129	22.142
57	ENDOSULFAN II	20.700	11956	5.085
59	P,P' DDT	21.408	50791	30.558
--	ENDRIN ALDEHYDE	21.917	0	0.000
60	ENDOSULFAN SULFATE	22.317	17538	8.526
65	METHOXYCHLOR	25.508	6450	4.767
--	ENDRIN KETONE	26.542	0	0.000
68	DCB	36.125	58160	15.769

Channel B Results

PEAK #	RT, MIN	AREA
1	0.892	44345
2	1.425	1371268
3	1.742	1354066
4	2.533	89152
5	2.842	30056
6	3.083	72082
7	3.758	25142
8	4.142	8316
9	4.400	14942
10	4.683	10121
11	5.108	4226
12	5.392	26107
13	5.733	30144
14	6.017	26294
15	6.300	18095
16	6.633	14443
17	6.908	29647
18	7.525	58742
19	7.692	9692
20	7.925	4931
21	8.392	23430
22	8.592	10910
24	9.875	73936
25	10.317	33441
26	10.533	28363
27	10.883	5983
28	11.067	5788
29	11.275	11695
30	12.558	7786
32	13.558	110504
33	14.100	126781
35	14.483	48145
36	15.100	4840
38	15.517	9387
39	16.100	179846
40	16.475	24977
41	16.617	11614
44	17.600	840100
48	18.650	61395
50	18.983	22920
51	19.125	33855
52	19.442	43649
53	19.675	17093

Continued...

PEAK #	RT, MIN	AREA
54	19.858	15064
58	21.033	152709
61	22.600	9646
62	23.083	2320
63	23.325	9048
64	23.650	8132
66	26.717	134149
67	29.192	5063

0834

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL25

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL25

Sample wt/vol: 35.4 (g/mL) g Lab File ID: SL25

% Moisture: 15 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

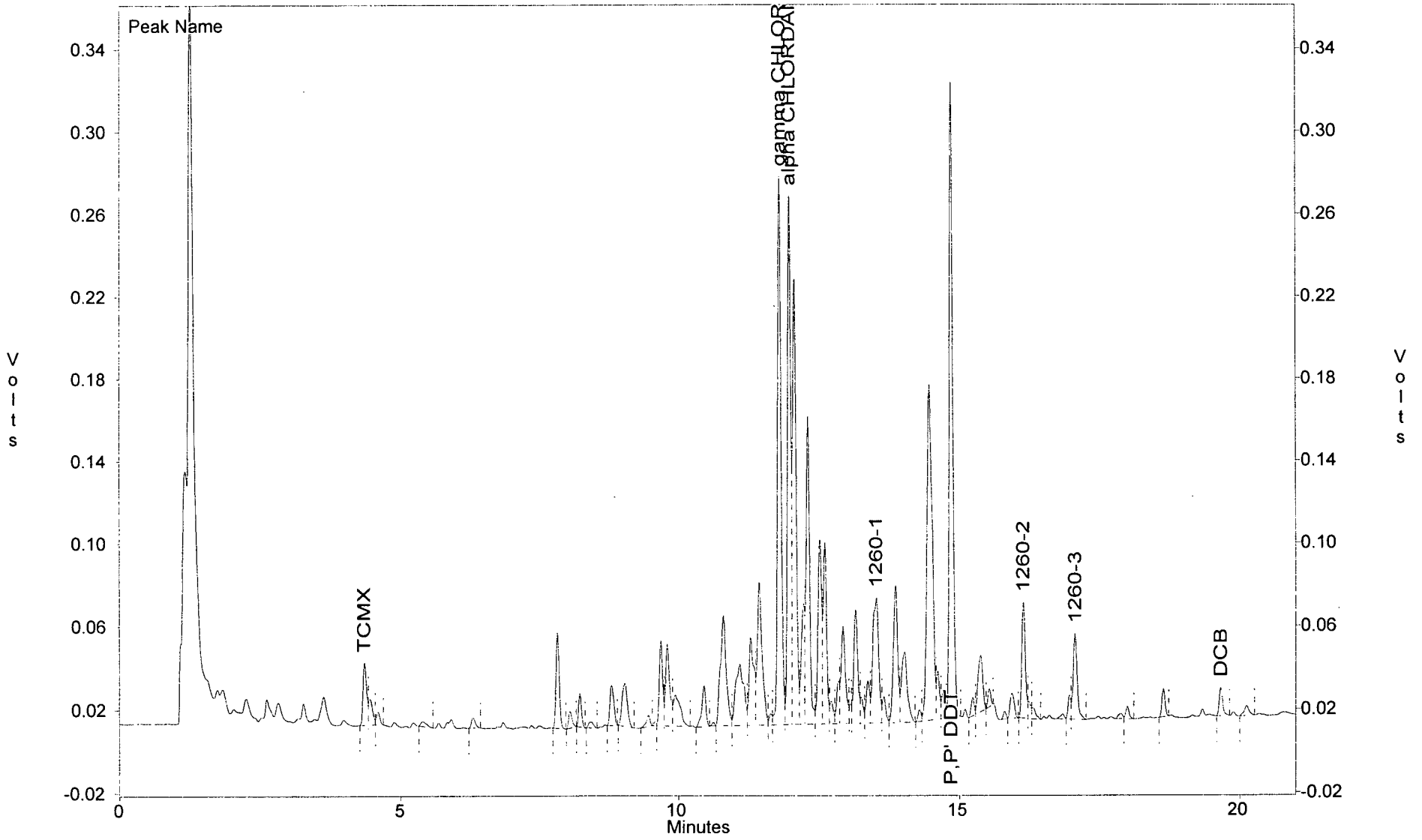
Injection Volume: 2 (uL) Dilution Factor: 1
1

GPC Cleanup: (Y/N) y pH: 5.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
0-29-3	4,4'-DDT	142.0	EP
5103-71-9	alpha-Chlordane	32.1	EP
5103-74-2	gamma-Chlordane	77.7	EP
12674-11-2	Aroclor-1016	33.2	U
11104-28-2	Aroclor-1221	66.5	U
11141-16-5	Aroclor-1232	33.2	U
53469-21-9	Aroclor-1242	33.2	U
12672-29-6	Aroclor-1248	33.2	U
11097-69-1	Aroclor-1254	33.2	U
11096-82-5	Aroclor-1260	224.0	P

File : C:\EZCHROM\CHROM\EC1CLP\SL25
Sample ID : sl25
Acquired : Sep 06, 1994 20:39:31
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL25 -- Channel B



0836

File : C:\EZCHROM\CHROM\EC1CLP\SL25
Sample ID : sl25
Acquired : Sep 06, 1994 20:39:31
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.35	137772	29.88
	gamma CHLORDANE	11.80	1132904	233.77
	alpha CHLORDANE	11.97	1045631	240.52
	1260-1	13.53	436009	1095.76
	P,P' DDT	14.85	1303490	427.82
	1260-2	16.15	240333	468.51
	1260-3	17.07	203213	461.32
	DCB	19.66	57694	14.00

Channel B Results

RT	AREA
4.45	62502
4.59	25771
5.40	16667
6.30	23377
7.82	178047
8.05	34937
8.23	59867
8.42	18048
8.80	96263
9.04	135691
9.46	24856
9.69	174551
9.81	195087
9.94	130239
10.46	96991
10.81	378432
11.10	290948
11.29	258723
11.45	399932

Continued...

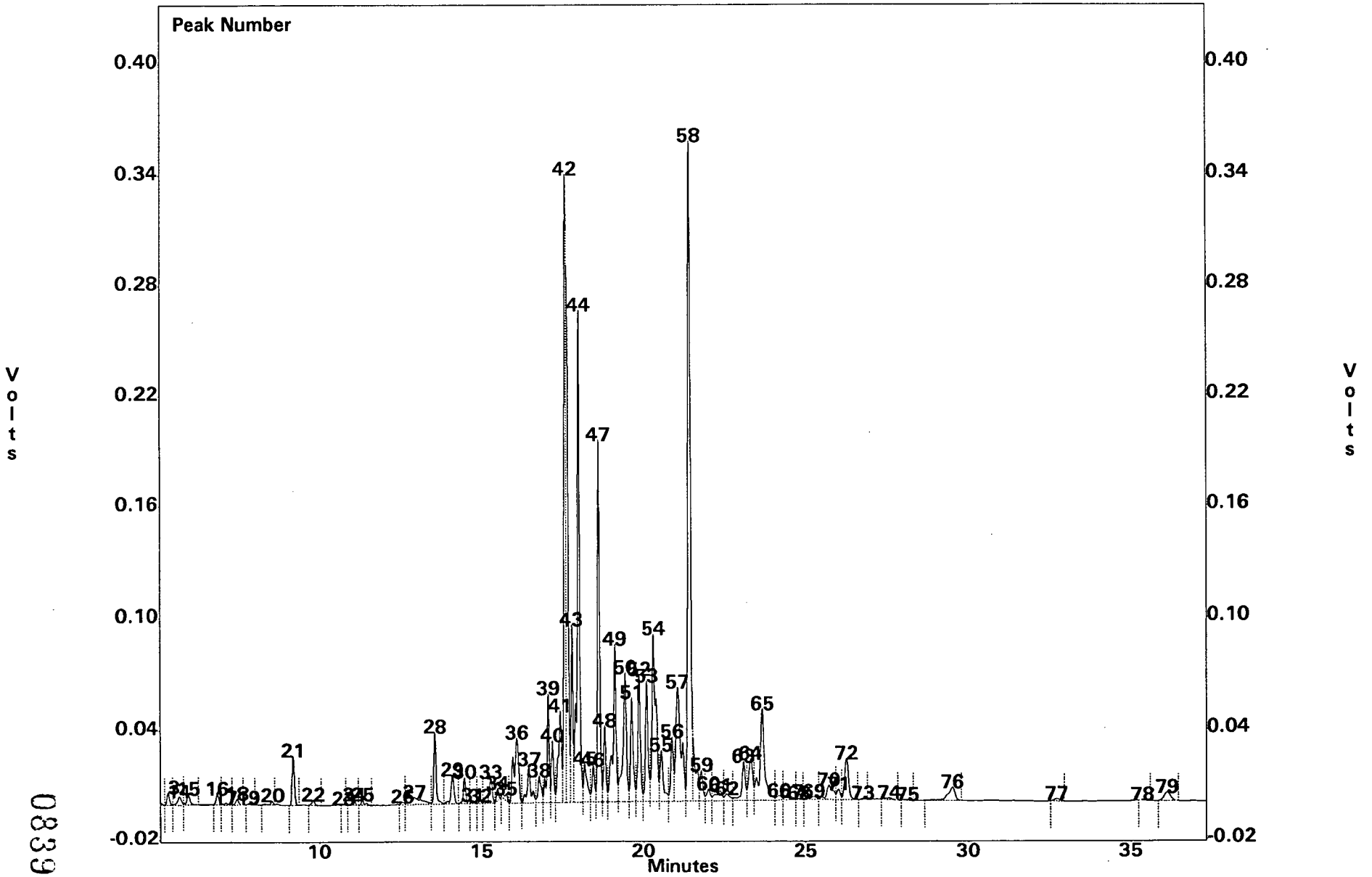
File : C:\EZCHROM\CHROM\EC1CLP\SL25
Sample ID : sl25
Acquired : Sep 06, 1994 20:39:31
User : mb

Channel B Results

RT	AREA
11.65	19863
12.06	935348
12.23	245768
12.31	655355
12.52	424451
12.61	367757
12.72	45022
12.85	72233
12.93	253866
13.06	21565
13.15	276576
13.26	41021
13.38	86355
13.66	51602
13.87	357072
14.03	237829
14.29	21036
14.46	1062321
14.61	88223
14.71	58492
15.24	32311
15.39	161174
15.54	29098
15.94	62080
16.25	26047
16.32	26206
16.97	40784
17.99	24201
18.64	52899
20.12	28119

File : C:\EZCHROM\CHROM\EC2\CLP\SL25
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL25
Acquired : Sep 13, 1994 15:58:37
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL25 -- Channel B



0839

File : C:\EZCHROM\CHROM\EC2\CLP\SL25
Sample ID : SL25
Acquired : Sep 13, 1994 15:58:37

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
21	TCMX	9.217	124698	36.239
--	alpha BHC	11.617	0	0.000
27	gamma BHC	12.917	87732	22.412
--	BETA BHC	13.150	0	0.000
29	HEPTACHLOR	14.100	104591	22.798
30	DELTA BHC	14.483	75078	27.604
33	ALDRIN	15.292	91707	24.797
39	HEPTACHLOR EPOXIDE	17.067	297592	84.947
42	gamma CHLORDANE	17.600	1267956	369.892
43	alpha CHLORDANE	17.800	381574	96.510
44	ENDOSULFAN I	18.017	1465827	389.843
47	P,P' DDE	18.625	883568	285.438
48	DIELDRIN	18.808	188934	54.618
53	ENDRIN	20.092	387352	195.414
54	P,P' DDD	20.308	709823	290.363
55	ENDOSULFAN II	20.542	198868	84.570
58	P,P' DDT	21.408	2008248	1208.251
59	ENDRIN ALDEHYDE	21.775	113322	64.554
61	ENDOSULFAN SULFATE	22.358	78012	37.924
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
79	DCB	36.125	70082	19.002

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	152596
2	1.433	947024
3	1.733	2333272
4	2.367	8056
5	2.850	10706
6	3.058	4421
7	3.258	9739
8	3.733	23765
9	4.158	7068
10	4.392	16001
11	4.675	3530
12	5.108	8173
13	5.383	41303
14	5.725	38752
15	6.017	41375
16	6.900	36291
17	7.175	8223
18	7.517	20772
19	7.867	5534
20	8.592	13353
22	9.817	16885
23	10.733	2381
24	11.067	14807
25	11.325	19332
26	12.550	7334
28	13.550	195933
31	14.733	9351
32	14.958	6064
34	15.508	31275
35	15.767	28150
36	16.108	366457
37	16.475	164445
38	16.783	101566
40	17.192	155264
41	17.442	359467
45	18.208	150190
46	18.458	117686
49	19.117	603470
50	19.433	529884
51	19.633	336608
52	19.867	365572
56	20.875	194276
57	21.042	683094

Continued...

PEAK #	RT, MIN	AREA
60	21.992	49540
62	22.558	37783
63	23.083	160511
64	23.300	204654
65	23.658	510415
66	24.175	25025
67	24.558	28682
68	24.800	4500
69	25.258	22799
70	25.725	108680
71	26.025	44945
72	26.267	188213
73	26.775	4895
74	27.575	12975
75	28.142	5590
76	29.525	109670
77	32.725	15875
78	35.358	4625

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL25DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Matrix: (soil/water) soil Lab Sample ID: SL25DL

Sample wt/vol: 35.4 (g/mL) g Lab File ID: SL25DL

% Moisture: 15 decanted: (Y/N) n Date Received: 08/31/94

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 08/31/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/94
9/13/94

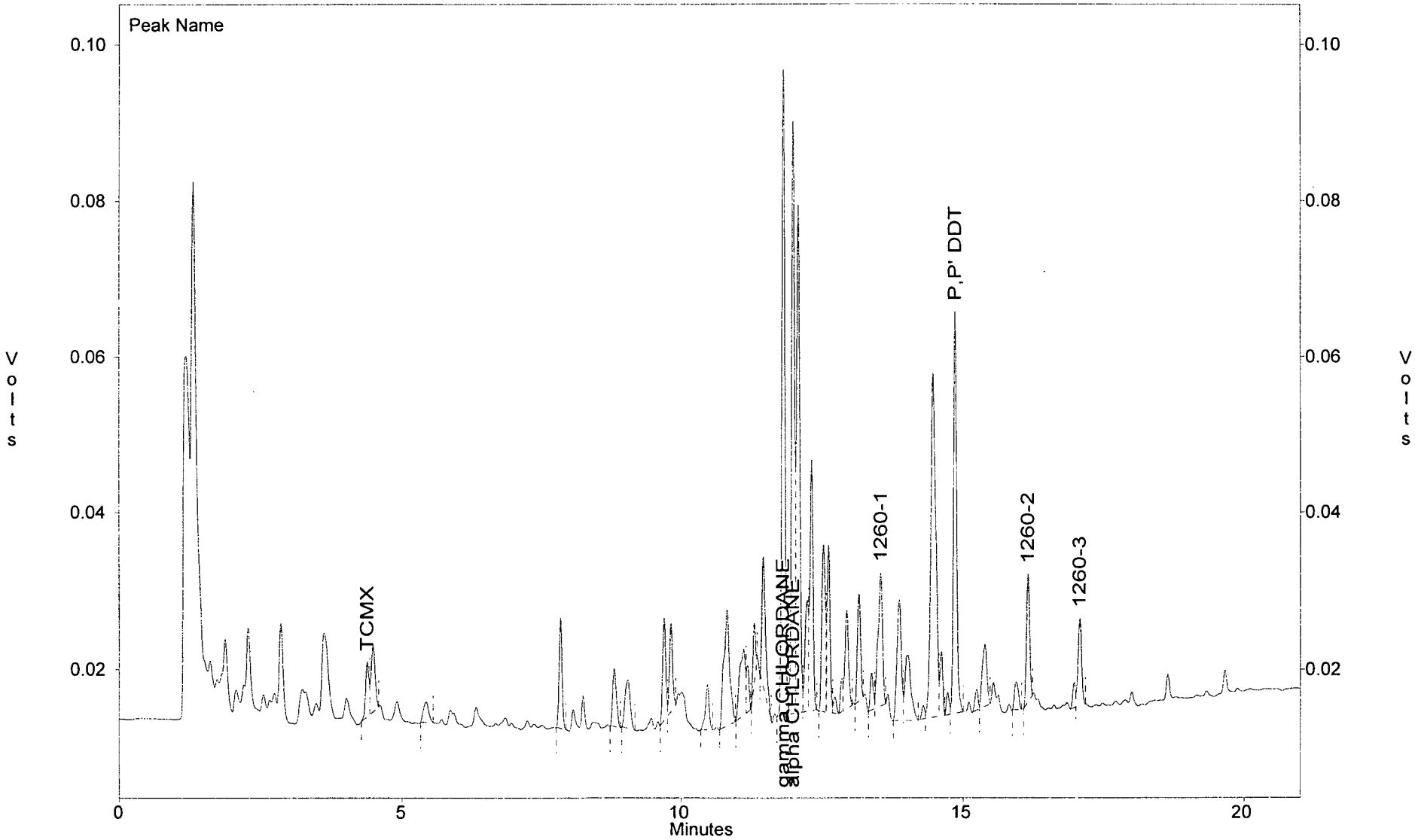
Injection Volume: 2 (uL) Dilution Factor: 10
25

GPC Cleanup: (Y/N) y pH: 5.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
-29-3	4,4'-DDT	218.0	DP
5103-71-9	alpha-Chlordane	158.0	DP
5103-74-2	gamma-Chlordane	218.0	DP
12674-11-2	Aroclor-1016	332.3	DU
11104-28-2	Aroclor-1221	664.7	DU
11141-16-5	Aroclor-1232	332.3	DU
53469-21-9	Aroclor-1242	332.3	DU
12672-29-6	Aroclor-1248	332.3	DU
11097-69-1	Aroclor-1254	332.3	DU
11096-82-5	Aroclor-1260	386.6	PD

File : C:\EZCHROM\CHROM\EC1CLP\SL25DL
Sample ID : sl25dl10x
Acquired : Sep 06, 1994 13:58:02
User : mb

C:\EZCHROM\CHROM\EC1CLP\SL25DL -- Channel B



0844

File : C:\EZCHROM\CHROM\EC1CLP\SL25DL
Sample ID : sl25dl10x
Acquired : Sep 06, 1994 13:58:02
User : mb

Channel B Results

NG/ML	COMPOUND	RT	AREA	EXTD CONC.
	TCMX	4.38	28867	6.26
	gamma CHLORDANE	11.80	318335	65.69
	alpha CHLORDANE	11.98	289796	66.66
	1260-1	13.54	90152	226.57
	P,P' DDT	14.85	199585	65.51
	1260-2	16.15	62385	121.62
	1260-3	17.06	48882	110.97

Channel B Results

RT	AREA
4.49	42824
5.43	17166
7.84	50909
8.81	33309
9.05	39084
9.70	49455
9.82	42059
10.47	27272
10.81	104379
11.10	58049
11.18	19035
11.30	23683
11.45	72715
12.07	259428
12.23	59999
12.31	122578
12.52	95573
12.61	78512
12.93	57118

Continued...

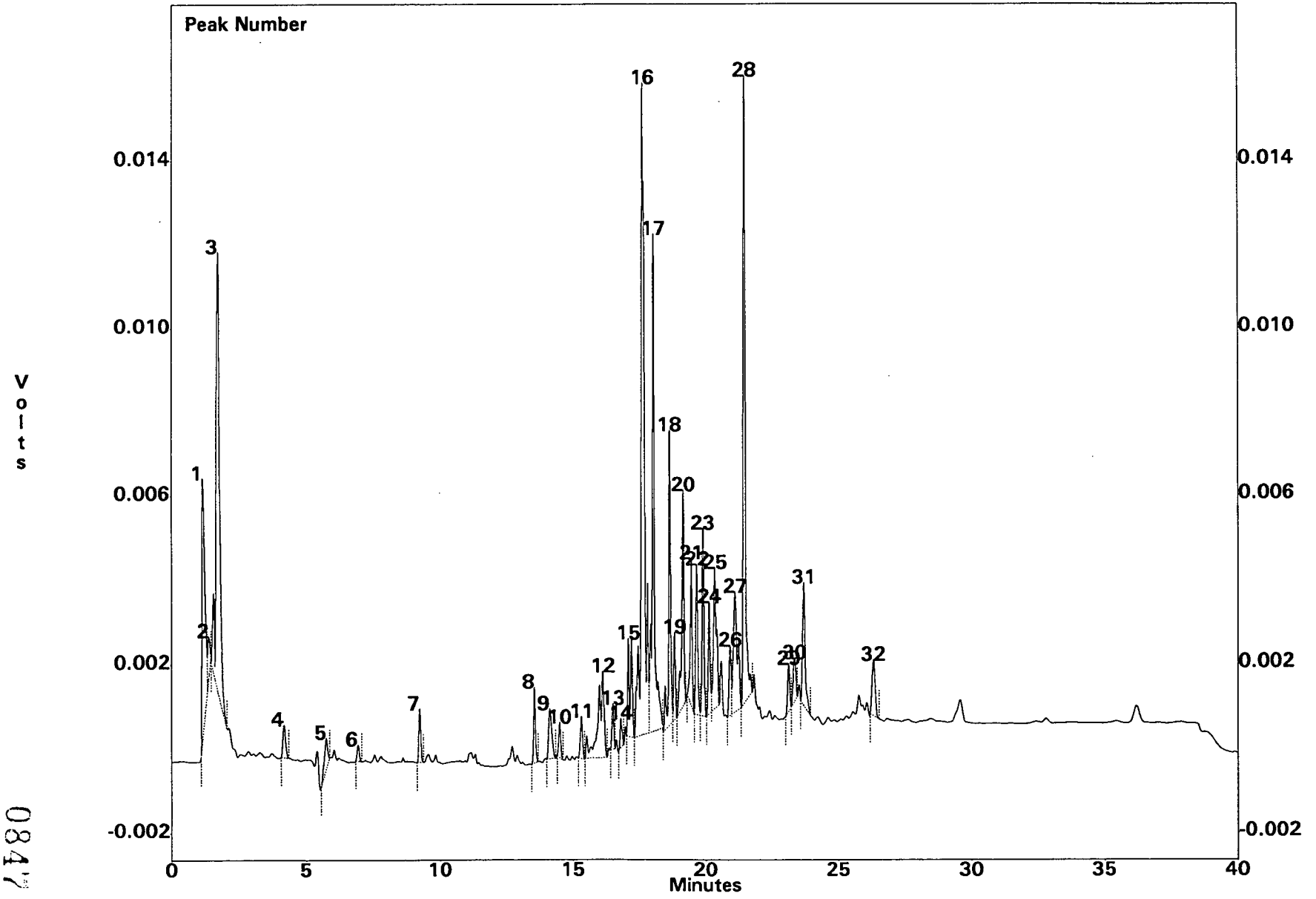
File : C:\EZCHROM\CHROM\EC1CLP\SL25DL
Sample ID : sl25dl10x
Acquired : Sep 06, 1994 13:58:02
User : mb

Channel B Results

RT	AREA
13.15	52924
13.38	16767
13.86	81994
14.01	61000
14.46	270463
14.61	27741
15.39	44651
15.94	17195

File : C:\EZCHROM\CHROM\EC2\CLP\SL25D25X
Method : C:\EZCHROM\METHODS\EC2\CLP\EC2CLP.MET
Sample ID : SL25DL25X
Acquired : Sep 14, 1994 00:37:08
User : MB

C:\EZCHROM\CHROM\EC2\CLP\SL25D25X -- Channel B



0847

File : C:\EZCHROM\CHROM\EC2\CLP\SL25D25X
Sample ID : SL25DL25X
Acquired : Sep 14, 1994 00:37:08

Channel B Results

PEAK #	COMPOUND	RT	AREA	CONC, NG/ML
7	TCMX	9.242	6085	1.768
--	alpha BHC	11.617	0	0.000
--	gamma BHC	12.950	0	0.000
--	BETA BHC	13.150	0	0.000
9	HEPTACHLOR	14.150	9824	2.141
10	DELTA BHC	14.508	4201	1.545
11	ALDRIN	15.333	5729	1.549
15	HEPTACHLOR EPOXIDE	17.092	19071	5.444
16	gamma CHLORDANE	17.625	145716	42.509
17	alpha CHLORDANE	18.042	75190	19.018
--	ENDOSULFAN I	18.100	0	0.000
18	P,P' DDE	18.650	35704	11.534
19	DIELDRIN	18.842	8448	2.442
24	ENDRIN	20.125	13636	6.879
25	P,P' DDD	20.342	25291	10.346
--	ENDOSULFAN II	20.692	0	0.000
28	P,P' DDT	21.442	85103	51.202
--	ENDRIN ALDEHYDE	21.917	0	0.000
--	ENDOSULFAN SULFATE	22.417	0	0.000
--	METHOXYCHLOR	25.517	0	0.000
--	ENDRIN KETONE	26.542	0	0.000
--	DCB	36.142	0	0.000

Channel B Results

PEAK #	RT, MIN	AREA
1	1.183	43955
2	1.408	6062
3	1.750	99476
4	4.208	5274
5	5.750	7072
6	6.933	2239
8	13.583	8800
12	16.133	32143
13	16.508	4555
14	16.808	3653
20	19.150	29275
21	19.467	18161
22	19.667	17407
23	19.892	20910
26	20.908	8494
27	21.100	30718
29	23.125	6147
30	23.342	7607
31	23.692	19747
32	26.317	10163

0849

STANDARDS DATA

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Instrument ID: gc-1 Level(x low): low 1.0 mid 4.0 high 16.0

GC Column: db1701 ID: 0.53 (mm) Date(s) Analyzed: 09/05/94 09/05/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	6.69	6.68	6.68	6.68	6.63	6.73
beta-BHC	10.13	10.12	10.13	10.13	10.08	10.18
delta-BHC	10.61	10.61	10.61	10.61	10.56	10.66
gamma-BHC (Lindane)	7.78	7.77	7.77	7.77	7.72	7.82
Heptachlor	8.25	8.23	8.23	8.24	8.19	8.29
Aldrin	8.91	8.90	8.91	8.91	8.86	8.96
Heptachlor epoxide	10.88	10.88	10.88	10.88	10.83	10.93
Endosulfan I	11.55	11.54	11.54	11.54	11.47	11.61
Dieldrin	12.55	12.53	12.54	12.54	12.47	12.61
4,4'-DDE	12.32	12.31	12.32	12.32	12.25	12.39
Endrin	13.08	13.06	13.06	13.07	13.00	13.14
Endosulfan II	14.45	14.45	14.45	14.45	14.38	14.52
4,4'-DDD	14.48	14.47	14.47	14.48	14.41	14.55
Endosulfan sulfate	16.47	16.47	16.47	16.47	16.40	16.54
4,4'-DDT	14.87	14.86	14.86	14.86	14.79	14.93
Methoxychlor	16.63	16.62	16.62	16.62	16.55	16.69
Endrin ketone	17.38	17.38	17.38	17.38	17.31	17.45
Endrin aldehyde	15.61	15.60	15.60	15.60	15.53	15.67
alpha-Chlordane	11.98	11.98	11.98	11.98	11.91	12.05
gamma-Chlordane	11.81	11.81	11.81	11.81	11.74	11.88
Tetrachloro-m-xylene	4.36	4.35	4.35	4.35	4.30	4.40
Decachlorobiphenyl	19.68	19.67	19.67	19.67	19.57	19.77

* 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.

0851

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Instrument ID: gc-1 Level(x low):low 1 mid 4 high 16

GC Column: db1701 ID: 0.53 (mm) Date(s) Analyzed: 09/05/94 09/05/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	1906500.00	2397675.00	3009925.00	2438033.33	23
beta-BHC	1218500.00	988150.00	1208962.50	1138537.50	11
delta-BHC	2192000.00	1820625.00	2483875.00	2165500.00	15
gamma-BHC (Lindane)	2280600.00	2449925.00	2810456.25	2513660.42	11
Heptachlor	2451400.00	2592375.00	2619143.75	2554306.25	4
Aldrin	2531100.00	2587775.00	2790025.00	2636300.00	5
Heptachlor epoxide	2400400.00	2117775.00	2378406.25	2298860.42	7
Endosulfan I	2196400.00	2285250.00	2314856.25	2265502.08	3
Dieldrin	1507150.00	1894937.50	2018109.38	1806732.29	15
4,4'-DDE	2074500.00	1931487.50	2275712.50	2093900.00	8
Endrin	510550.00	643537.50	648056.25	600714.58	13
Endosulfan II	1937350.00	1436037.50	1824325.00	1732570.83	15
4,4'-DDD	1471800.00	1348287.50	1517193.75	1445760.42	6
Endosulfan sulfate	1736750.00	1152537.50	1425112.50	1438133.33	20
4,4'-DDT	1917700.00	1523412.50	1454665.63	1631926.04	15
Methoxychlor	695870.00	767172.50	661430.00	708157.50	8
Endrin ketone	1445500.00	1060362.50	1410712.50	1305525.00	16
Endrin aldehyde	1023900.00	730112.50	950284.38	901432.29	17
alpha-Chlordane	2444300.00	2173700.00	2558043.75	2392014.58	8
gamma-Chlordane	2810600.00	2423125.00	2609537.50	2614420.83	7
Tetrachloro-m-xylene	2515700.00	2305425.00	2059537.50	2293554.17	10
Decachlorobiphenyl	2024700.00	2060737.50	1678890.63	1921442.71	11

*Surrogate calibration 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%.

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Instrument ID: gc-2 Level(x low): low 1.0 mid 4.0 hig 16.0

GC Column: db608 ID: 0.53 (mm) Date(s) Analyzed: _____ _____

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	11.62	11.62	11.62	11.62	11.57	11.67
beta-BHC	13.16	13.15	13.15	13.15	13.10	13.20
delta-BHC	14.43	14.43	14.43	14.43	14.38	14.48
gamma-BHC (Lindane)	12.94	12.95	12.95	12.95	12.90	13.00
Heptachlor	14.06	14.06	14.06	14.06	14.01	14.11
Aldrin	15.33	15.33	15.33	15.33	15.28	15.38
Heptachlor epoxide	17.17	17.16	17.16	17.16	17.11	17.21
Endosulfan I	18.09	18.10	18.09	18.09	18.02	18.16
Dieldrin	18.95	18.95	18.95	18.95	18.88	19.02
4,4'-DDE	18.61	18.60	18.61	18.61	18.54	18.68
Endrin	20.11	20.11	20.11	20.11	20.04	20.18
Endosulfan II	20.70	20.69	20.69	20.69	20.62	20.76
4,4'-DDD	20.29	20.29	20.29	20.29	20.22	20.36
Endosulfan sulfate	22.43	22.42	22.42	22.42	22.35	22.49
4,4'-DDT	21.39	21.40	21.39	21.39	21.32	21.46
Methoxychlor	25.51	25.52	25.51	25.51	25.44	25.58
Endrin ketone	26.55	26.54	26.54	26.54	26.47	26.61
Endrin aldehyde	21.93	21.92	21.92	21.92	21.85	21.99
alpha-Chlordane	17.99	17.99	17.99	17.99	17.92	18.06
gamma-Chlordane	17.58	17.58	17.58	17.58	17.51	17.65
Tetrachloro-m-xylene	9.17	9.17	9.17	9.17	9.12	9.22
Decachlorobiphenyl	36.12	36.14	36.13	36.13	36.03	36.23

* 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.

0853

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Instrument ID: gc-2 Level(x low):low 1 mid 4 high 16

GC Column: db608 ID: 0.53 (mm) Date(s) Analyzed:

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	1490000.00	1941000.00	2565912.50	1998970.83	27
beta-BHC	953000.00	983625.00	1054893.75	997172.92	5
delta-BHC	1203600.00	1359900.00	1888937.50	1484145.83	24
gamma-BHC (Lindane)	1561500.00	1957275.00	2395468.75	1971414.58	21
Heptachlor	2423800.00	2293875.00	2502243.75	2406639.58	4
Aldrin	1660900.00	1849175.00	2335468.75	1948514.58	18
Heptachlor epoxide	2085800.00	1751650.00	1898531.25	1911993.75	9
Endosulfan I	1694400.00	1880025.00	1811156.25	1795193.75	5
Dieldrin	1248100.00	1729587.50	1923615.63	1633767.71	21
4,4'-DDE	1327600.00	1547737.50	1845712.50	1573683.33	17
Endrin	756150.00	991112.50	1141671.88	962978.13	20
Endosulfan II	1092650.00	1175762.50	1373709.38	1214040.63	12
4,4'-DDD	934000.00	1222300.00	1192262.50	1116187.50	14
Endosulfan sulfate	957550.00	1028537.50	1243468.75	1076518.75	14
4,4'-DDT	487750.00	831062.50	1004528.13	774446.88	34
Methoxychlor	344470.00	579417.50	504168.13	476018.54	25
Endrin ketone	772200.00	901637.50	1127228.13	933688.54	19
Endrin aldehyde	928050.00	877737.50	981159.38	928982.29	6
alpha-Chlordane	1471000.00	1976875.00	1985250.00	1811041.67	16
gamma-Chlordane	1658100.00	1713950.00	1937812.50	1769954.17	8
Tetrachloro-m-xylene	1633300.00	1720500.00	1781206.25	1711668.75	4
Decachlorobiphenyl	1646050.00	1844075.00	1366578.13	1618901.04	15

*Surrogate calibration 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%.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Insrument ID: GC #1 Date(s) Analyzed: 09/05/94 09/05/94

GC Column: DB1701 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	1	*1	12.78	12.71	12.85	21304
		*2	14.43	14.36	14.50	52340
		*3	15.47	15.40	15.54	32573
		4				
		5				
Aroclor 1016	0.2	*1	8.07	8.00	8.14	232835
		*2	9.08	9.01	9.15	159215
		*3	9.72	9.65	9.79	110245
		4				
		5				
Aroclor 1221	0.4	*1	4.90	4.83	4.97	22695
		*2	5.39	5.32	5.46	4540
		*3	5.81	5.74	5.88	83205
		4				
		5				
Aroclor 1232	0.2	*1	4.93	4.86	5.00	19450
		*2	8.08	8.01	8.15	13425
		*3	10.04	9.97	10.11	21125
		4				
		5				
Aroclor 1242	0.2	*1	6.89	6.82	6.96	130885
		*2	8.10	8.03	8.17	209275
		*3	8.47	8.40	8.54	89775
		4				
		5				
Aroclor 1248	0.2	*1	14.65	14.58	14.72	90210
		*2	16.18	16.11	16.25	147295
		*3	17.11	17.04	17.18	176210
		4				
		5				
Aroclor 1254	0.2	*1	12.23	12.16	12.30	121985
		*2	12.79	12.72	12.86	280285
		*3	14.47	14.40	14.54	127965
		4				
		5				
Aroclor 1260	0.2	*1	13.56	13.49	13.63	198950
		*2	16.17	16.10	16.24	256485
		*3	17.09	17.02	17.16	220250
		4				
		5				

* Denotes required peaks

0855

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Insrument ID: GC #1 Date(s) Analyzed: 09/13/94 09/13/94

GC Column: DB1701 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1016		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1221		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1232		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1242		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1248		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1254		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1260	0.2	*1	13.52	13.45	13.59	91235
		*2	16.14	16.07	16.21	118150
		*3	17.06	16.99	17.13	135595
		4				
		5				

* Denotes required peaks

0856

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Insrument ID: GC #2 Date(s) Analyzed: 09/05/94 09/05/94

GC Column: DB608 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	1	*1	19.23	19.16	19.30	13469
		*2	20.42	20.35	20.49	20219
		*3	24.28	24.21	24.35	11800
		4				
		5				
Aroclor 1016	0.2	*1	14.08	14.01	14.15	193760
		*2	15.22	15.15	15.29	82500
		*3	16.44	16.37	16.51	59740
		4				
		5				
Aroclor 1221	0.4	*1	10.73	10.66	10.80	24345
		*2	11.25	11.18	11.32	18412.5
		*3	11.48	11.41	11.55	57557.5
		4				
		5				
Aroclor 1232	0.2	*1	12.88	12.81	12.95	46145
		*2	14.09	14.02	14.16	88460
		*3	14.68	14.61	14.75	29050
		4				
		5				
Aroclor 1242	0.2	*1	15.22	15.15	15.29	82775
		*2	16.45	16.38	16.52	64845
		*3	18.06	17.99	18.13	84470
		4				
		5				
Aroclor 1248	0.2	*1	17.17	17.10	17.24	81020
		*2	17.33	17.26	17.40	70050
		*3	19.11	19.04	19.18	66720
		4				
		5				
Aroclor 1254	0.2	*1	19.43	19.36	19.50	95420
		*2	19.86	19.79	19.93	63020
		*3	23.30	23.23	23.37	44285
		4				
		5				
Aroclor 1260	0.2	*1	23.07	23.00	23.14	52855
		*2	23.63	23.56	23.70	204320
		*3	26.25	26.18	26.32	80870
		4				
		5				

* Denotes required peaks

0857

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Insrument ID: GC #2 Date(s) Analyzed: 09/13/94 09/13/94

GC Column: DB608 ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1016		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1221		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1232		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1242		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1248		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1254		*1				
		*2				
		*3				
		4				
		5				
Aroclor 1260	0.2	*1	23.12	23.05	23.19	98250
		*2	23.68	23.61	23.75	382865
		*3	26.31	26.24	26.38	113935
		4				
		5				

* Denotes required peaks

0858

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column(1): DB1701 ID: 0.53 (mm) Instrument ID (1): GC #1

EPA Sample No.(Standard 1): RESC01 Lab Sample ID (1): RESC01

Date Analyzed (1): 09/05/94 Time Analyzed (1): 0605

	ANALYTE	RT	RESOLUTION (%)
01	TCMX	4.36	100.00
02	ENDOSULFAN I	11.56	100.00
03	GAMMA CHLORDANE	11.82	100.00
04	P,P' DDE	12.33	100.00
05	DIELDRIN	12.56	100.00
06	ENDOSULFAN SULFATE	16.49	97.00
07	METHOXYCLOR	16.64	99.00
08	ENDRIN KETONE	17.40	100.00
09	DCB	19.69	100.00

GC Column(2): DB 608 ID: 0.53 (mm) Instrument ID (2): GC#2

EPA Sample No. (Standard 2): RES01 Lab Sample ID (2): RESC01

Date Analyzed (2): 09/05/94 Time Analyzed (2): 6:07:07

	ANALYTE	RT	RESOLUTION (%)
01	TCMX	9.17	100.00
02	ENDOSULFAN I	18.09	100.00
03	GAMMA CHLORDANE	17.57	100.00
04	P,P' DDE	18.60	100.00
05	DIELDRIN	18.94	100.00
06	ENDOSULFAN SULFATE	22.40	100.00
07	METHOXYCLOR	25.49	100.00
08	ENDRIN KETONE	25.53	100.00
09	DCB	36.08	100.00

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%.

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): INITIAL Date Analyzed: INITIAL

LAB Sample ID (PIBLK): INITIAL Time Analyzed: INITIAL

EPA Sample No.(PEM): PEM01 Date Analyzed: 09/05/94

LAB Sample ID (PEM): PEM01 Time Analyzed: 0629

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.69	6.63	6.73	0.021	0.020	4
beta-BHC	10.14	10.08	10.18	0.023	0.020	13
gamma-BHC (Lindane)	7.78	7.72	7.82	0.020	0.020	2
Endrin	13.08	13.00	13.14	0.082	0.100	18
4,4'-DDT	14.88	14.79	14.93	0.178	0.200	11
Methoxychlor	16.64	16.55	16.69	0.405	0.500	19

4,4'-DDT % breakdown(1): 0 Endrin % breakdown (1): 0

Combined % breakdown(1): 0

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%

0860

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK01 Date Analyzed: 09/05/94

LAB Sample ID (PIBLK): PIBLK01 Time Analyzed: 1230

EPA Sample No.(PEM): PEM02 Date Analyzed: 09/05/94

LAB Sample ID (PEM): PEM02 Time Analyzed: 1258

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.70	6.63	6.73	0.019	0.020	6
beta-BHC	10.14	10.08	10.18	0.022	0.020	12
gamma-BHC (Lindane)	7.79	7.72	7.82	0.019	0.020	3
Endrin	13.08	13.00	13.14	0.073	0.100	27
4,4'-DDT	14.87	14.79	14.93	0.165	0.200	18
Methoxychlor	16.63	16.55	16.69	0.369	0.500	26

4,4'-DDT % breakdown(1): 7.67 Endrin % breakdown (1): 0

Combined % breakdown(1): 7.67

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%

0861

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK03 Date Analyzed: 09/06/94

LAB Sample ID (PIBLK): PIBLK03 Time Analyzed: 1154

EPA Sample No.(PEM): PEM03 Date Analyzed: 09/06/94

LAB Sample ID (PEM): PEM03 Time Analyzed: 1219

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.65	6.63	6.73	0.024	0.020	18
beta-BHC	10.08	10.08	10.18	0.028	0.020	41
gamma-BHC (Lindane)	7.73	7.72	7.82	0.024	0.020	19
Endrin	13.02	13.00	13.14	0.131	0.100	31
4,4'-DDT	14.81	14.79	14.93	0.225	0.200	12
Methoxychlor	16.56	16.55	16.69	0.588	0.500	18

4,4'-DDT % breakdown(1): 7.9 Endrin % breakdown (1): 14

Combined % breakdown(1): 21.9

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%

0862

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK05 Date Analyzed: 09/13/94

LAB Sample ID (PIBLK): PIBLK05 Time Analyzed: 0850

EPA Sample No.(PEM): PEM04 Date Analyzed: 09/13/94

LAB Sample ID (PEM): PEM04 Time Analyzed: 0917

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.64	6.63	6.73	0.022	0.020	11
beta-BHC	10.09	10.08	10.18	0.029	0.020	46
gamma-BHC (Lindane)	7.73	7.72	7.82	0.022	0.020	10
Endrin	13.04	13.00	13.14	0.167	0.100	67
4,4'-DDT	14.84	14.79	14.93	0.257	0.200	29
Methoxychlor	16.60	16.55	16.69	0.632	0.500	26

4,4'-DDT % breakdown(1): 0 Endrin % breakdown (1): 0

Combined % breakdown(1): 0

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%

0863

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): INITIAL Date Analyzed: INITIAL

LAB Sample ID (PIBLK): INITIAL Time Analyzed: INITIAL

EPA Sample No.(PEM): PEM01 Date Analyzed: 09/05/94

LAB Sample ID (PEM): PEM01 Time Analyzed: 0648

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.61	11.57	11.67	0.019	0.020	7
beta-BHC	13.15	13.10	13.20	0.023	0.020	13
gamma-BHC (Lindane)	12.94	12.90	13.00	0.018	0.020	11
Endrin	20.11	20.04	20.18	0.098	0.100	2
4,4'-DDT	21.39	21.32	21.46	0.232	0.200	16
Methoxychlor	25.50	25.44	25.58	0.414	0.500	17

4,4'-DDT % breakdown(1): 2.71 Endrin % breakdown (1): 13.16

Combined % breakdown(1): 15.87

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%

0864

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK01 Date Analyzed: 09/05/94

LAB Sample ID (PIBLK): PIBLK01 Time Analyzed: 1809

EPA Sample No.(PEM): PEM02 Date Analyzed: 09/05/94

LAB Sample ID (PEM): PEM02 Time Analyzed: 1849

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.61	11.57	11.67	0.020	0.020	2
beta-BHC	13.14	13.10	13.20	0.024	0.020	19
gamma-BHC (Lindane)	12.93	12.90	13.00	0.020	0.020	2
Endrin	20.10	20.04	20.18	0.107	0.100	7
4,4'-DDT	21.38	21.32	21.46	0.279	0.200	39
Methoxychlor	25.49	25.44	25.58	0.520	0.500	4

4,4'-DDT % breakdown(1): 2.62 Endrin % breakdown (1): 16.58

Combined % breakdown(1): 19.20

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%

0865

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK03 Date Analyzed: 09/06/94

LAB Sample ID (PIBLK): PIBLK03 Time Analyzed: 0906

EPA Sample No.(PEM): PEM03 Date Analyzed: 09/06/94

LAB Sample ID (PEM): PEM03 Time Analyzed: 1002

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.60	11.57	11.67	0.019	0.020	4
beta-BHC	13.13	13.10	13.20	0.023	0.020	15
gamma-BHC (Lindane)	12.93	12.90	13.00	0.019	0.020	7
Endrin	20.08	20.04	20.18	0.105	0.100	5
4,4'-DDT	21.38	21.32	21.46	0.282	0.200	41
Methoxychlor	25.48	25.44	25.58	0.499	0.500	0

4,4'-DDT % breakdown(1): 2.45 Endrin % breakdown (1): 20.13

Combined % breakdown(1): 22.59

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%

0866

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK05 Date Analyzed: 09/13/94

LAB Sample ID (PIBLK): PIBLK05 Time Analyzed: 0914

EPA Sample No.(PEM): PEM04 Date Analyzed: 09/13/94

LAB Sample ID (PEM): PEM04 Time Analyzed: 0956

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.67	11.57	11.67	0.021	0.020	3
beta-BHC	13.20	13.10	13.20	0.026	0.020	29
gamma-BHC (Lindane)	12.99	12.90	13.00	0.020	0.020	1
Endrin	20.14	20.04	20.18	0.144	0.100	44
4,4'-DDT	21.42	21.32	21.46	0.360	0.200	80
Methoxychlor	25.53	25.44	25.58	0.564	0.500	13

4,4'-DDT % breakdown(1): 1.87 Endrin % breakdown (1): 5.68

Combined % breakdown(1): 7.55

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%

0867

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK07 Date Analyzed: 09/14/94

LAB Sample ID (PIBLK): PIBLK07 Time Analyzed: 0208

EPA Sample No.(PEM): PEM05 Date Analyzed: 09/14/94

LAB Sample ID (PEM): PEM05 Time Analyzed: 0251

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.68	11.57	11.67	0.022	0.020	9
beta-BHC	13.22	13.10	13.20	0.027	0.020	36
gamma-BHC (Lindane)	13.02	12.90	13.00	0.021	0.020	7
Endrin	20.16	20.04	20.18	0.107	0.100	7
4,4'-DDT	21.44	21.32	21.46	0.378	0.200	89
Methoxychlor	25.56	25.44	25.58	0.611	0.500	22

4,4'-DDT % breakdown(1): 1.92 Endrin % breakdown (1): 50.77

Combined % breakdown(1): 52.70

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%

0868

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK02 Date Analyzed: 09/05/94

LAB Sample ID (PIBLK): PIBLK02 Time Analyzed: 2123

EPA Sample No.(INDA): INDAM02 Date Analyzed: 09/05/94

LAB Sample ID (INDA): INDAM02 Time Analyzed: 2146

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.67	6.63	6.73	0.038	0.040	4
gamma-BHC (Lindane)	7.76	7.72	7.82	0.041	0.040	3
Heptachlor	8.22	8.19	8.29	0.038	0.040	4
Endosulfan I	11.53	11.47	11.61	0.040	0.040	1
Dieldrin	12.52	12.47	12.61	0.083	0.080	4
Endrin	13.05	13.00	13.14	0.069	0.080	14
4,4'-DDD	14.46	14.41	14.55	0.083	0.080	4
4,4'-DDT	14.84	14.79	14.93	0.062	0.080	23
Methoxychlor	16.60	16.55	16.69	0.321	0.400	20
Tetrachloro-m-xylene	4.34	4.30	4.40	0.048	0.040	21
Decachlorobiphenyl	19.65	19.57	19.77	0.076	0.080	5

EPA Sample no. (INDB): INDBM02 Date Analyzed: 09/05/94

LAB Sample ID: (INDB): INDBM02 Time Analyzed: 2221

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	10.14	10.08	10.18	0.042	0.040	5
delta-BHC	10.62	10.56	10.66	0.047	0.040	18
Aldrin	8.92	8.86	8.96	0.043	0.040	7
Heptachlor epoxide	10.89	10.83	10.93	0.042	0.040	6
4,4'-DDE	12.32	12.25	12.39	0.093	0.080	16
Endosulfan II	14.46	14.38	14.52	0.116	0.080	44
Endosulfan sulfate	16.47	16.40	16.54	0.094	0.080	17
Endrin ketone	17.38	17.31	17.45	0.087	0.080	9
Endrin aldehyde	15.61	15.53	15.67	0.104	0.080	30
alpha-Chlordane	11.99	11.91	12.05	0.042	0.040	4
gamma-Chlorodane	11.81	11.74	11.88	0.050	0.040	25
Tetrachloro-m-xylene	4.37	4.30	4.40	0.037	0.040	7
Decachlorobiphenyl	19.67	19.57	19.77	0.072	0.080	10

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

0869

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK04 Date Analyzed: 09/06/94

LAB Sample ID (PIBLK): PIBLK04 Time Analyzed: 2106

EPA Sample No.(INDA): INDAM03 Date Analyzed: 09/06/94

LAB Sample ID (INDA): INDAM03 Time Analyzed: 2132

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.67	6.63	6.73	0.042	0.040	5
gamma-BHC (Lindane)	7.76	7.72	7.82	0.042	0.040	5
Heptachlor	8.22	8.19	8.29	0.038	0.040	5
Endosulfan I	11.52	11.47	11.61	0.045	0.040	11
Dieldrin	12.52	12.47	12.61	0.085	0.080	6
Endrin	13.04	13.00	13.14	0.080	0.080	0
4,4'-DDD	14.45	14.41	14.55	0.087	0.080	8
4,4'-DDT	14.84	14.79	14.93	0.071	0.080	12
Methoxychlor	16.60	16.55	16.69	0.349	0.400	13
Tetrachloro-m-xylene	4.34	4.30	4.40	0.036	0.040	9
Decachlorobiphenyl	19.65	19.57	19.77	0.085	0.080	6

EPA Sample no. (INDB): INDBM03 Date Analyzed: 09/06/94

LAB Sample ID: (INDB): INDBM03 Time Analyzed: 2208

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	10.13	10.08	10.18	0.042	0.040	6
delta-BHC	10.61	10.56	10.66	0.043	0.040	7
Aldrin	8.91	8.86	8.96	0.042	0.040	5
Heptachlor epoxide	10.88	10.83	10.93	0.044	0.040	9
4,4'-DDE	12.31	12.25	12.39	0.095	0.080	19
Endosulfan II	14.45	14.38	14.52	0.107	0.080	33
Endosulfan sulfate	16.47	16.40	16.54	0.110	0.080	37
Endrin ketone	17.37	17.31	17.45	0.099	0.080	24
Endrin aldehyde	15.60	15.53	15.67	0.119	0.080	48
alpha-Chlordane	11.98	11.91	12.05	0.044	0.040	9
gamma-Chlorodane	11.81	11.74	11.88	0.050	0.040	25
Tetrachloro-m-xylene	4.36	4.30	4.40	0.047	0.040	16
Decachlorobiphenyl	19.66	19.57	19.77	0.084	0.080	5

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

0870

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK06 Date Analyzed: 09/13/94

LAB Sample ID (PIBLK): PIBLK06 Time Analyzed: 1848

EPA Sample No.(INDA): INDAM04 Date Analyzed: 09/13/94

LAB Sample ID (INDA): INDAM04 Time Analyzed: 1913

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	6.60	6.63	6.73	0.045	0.040	13
gamma-BHC (Lindane)	7.69	7.72	7.82	0.043	0.040	8
Heptachlor	8.16	8.19	8.29	0.041	0.040	3
Endosulfan I	11.48	11.47	11.61	0.044	0.040	10
Dieldrin	12.47	12.47	12.61	0.082	0.080	2
Endrin	13.00	13.00	13.14	0.122	0.080	52
4,4'-DDD	14.41	14.41	14.55	0.067	0.080	16
4,4'-DDT	14.79	14.79	14.93	0.078	0.080	2
Methoxychlor	16.56	16.55	16.69	0.365	0.400	9
Tetrachloro-m-xylene	4.28	4.30	4.40	0.046	0.040	14
Decachlorobiphenyl	19.61	19.57	19.77	0.068	0.080	15

EPA Sample no. (INDB): INDBM04 Date Analyzed: 09/13/94

LAB Sample ID: (INDB): INDBM04 Time Analyzed: 1938

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	10.06	10.08	10.18	0.048	0.040	19
delta-BHC	10.54	10.56	10.66	0.046	0.040	14
Aldrin	8.83	8.86	8.96	0.036	0.040	11
Heptachlor epoxide	10.81	10.83	10.93	0.040	0.040	1
4,4'-DDE	12.26	12.25	12.39	0.068	0.080	15
Endosulfan II	14.40	14.38	14.52	0.074	0.080	7
Endosulfan sulfate	16.43	16.40	16.54	0.071	0.080	12
Endrin ketone	17.34	17.31	17.45	0.072	0.080	10
Endrin aldehyde	15.56	15.53	15.67	0.071	0.080	12
alpha-Chlordane	11.92	11.91	12.05	0.041	0.040	2
gamma-Chlorodane	11.74	11.74	11.88	0.038	0.040	5
Tetrachloro-m-xylene	4.27	4.30	4.40	0.031	0.040	22
Decachlorobiphenyl	19.64	19.57	19.77	0.042	0.080	48

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

0871

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK02 Date Analyzed: 09/05/94

LAB Sample ID (PIBLK): PIBLK02 Time Analyzed: 2058

EPA Sample No.(INDA): INDAM02 Date Analyzed: 09/05/94

LAB Sample ID (INDA): INDAM02 Time Analyzed: 2139

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.59	11.57	11.67	0.037	0.040	8
gamma-BHC (Lindane)	12.93	12.90	13.00	0.037	0.040	7
Heptachlor	14.03	14.01	14.11	0.039	0.040	2
Endosulfan I	18.08	18.02	18.16	0.043	0.040	7
Dieldrin	18.93	18.88	19.02	0.077	0.080	4
Endrin	20.08	20.04	20.18	0.072	0.080	10
4,4'-DDD	20.27	20.22	20.36	0.073	0.080	8
4,4'-DDT	21.37	21.32	21.46	0.082	0.080	3
Methoxychlor	25.47	25.44	25.58	0.388	0.400	3
Tetrachloro-m-xylene	9.15	9.12	9.22	0.037	0.040	7
Decachlorobiphenyl	36.05	36.03	36.23	0.077	0.080	4

EPA Sample no. (INDB): INDBM02 Date Analyzed: 09/05/94

LAB Sample ID: (INDB): INDBM02 Time Analyzed: 2222

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	13.14	13.10	13.20	0.039	0.040	3
delta-BHC	14.42	14.38	14.48	0.039	0.040	1
Aldrin	15.31	15.28	15.38	0.039	0.040	3
Heptachlor epoxide	17.15	17.11	17.21	0.038	0.040	6
4,4'-DDE	18.60	18.54	18.68	0.077	0.080	4
Endosulfan II	20.68	20.62	20.76	0.077	0.080	4
Endosulfan sulfate	22.40	22.35	22.49	0.074	0.080	7
Endrin ketone	26.52	26.47	26.61	0.074	0.080	8
Endrin aldehyde	21.90	21.85	21.99	0.074	0.080	8
alpha-Chlordane	17.98	17.92	18.06	0.035	0.040	12
gamma-Chlorodane	17.57	17.51	17.65	0.039	0.040	3
Tetrachloro-m-xylene	9.16	9.12	9.22	0.038	0.040	5
Decachlorobiphenyl	36.08	36.03	36.23	0.051	0.080	36

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

0872

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK04 Date Analyzed: 09/06/94

LAB Sample ID (PIBLK): PIBLK04 Time Analyzed: 1745

EPA Sample No.(INDA): INDAM03 Date Analyzed: 09/06/94

LAB Sample ID (INDA): INDAM03 Time Analyzed: 1826

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.62	11.57	11.67	0.041	0.040	3
gamma-BHC (Lindane)	12.95	12.90	13.00	0.041	0.040	2
Heptachlor	14.06	14.01	14.11	0.043	0.040	7
Endosulfan I	18.10	18.02	18.16	0.044	0.040	11
Dieldrin	18.95	18.88	19.02	0.083	0.080	4
Endrin	20.11	20.04	20.18	0.086	0.080	8
4,4'-DDD	20.27	20.22	20.36	0.084	0.080	5
4,4'-DDT	21.40	21.32	21.46	0.100	0.080	25
Methoxychlor	25.47	25.44	25.58	0.398	0.400	1
Tetrachloro-m-xylene	9.15	9.12	9.22	0.041	0.040	1
Decachlorobiphenyl	36.04	36.03	36.23	0.077	0.080	4

EPA Sample no. (INDB): INDBM03 Date Analyzed: 09/06/94

LAB Sample ID: (INDB): INDBM03 Time Analyzed: 1907

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	13.13	13.10	13.20	0.045	0.040	12
delta-BHC	14.41	14.38	14.48	0.048	0.040	19
Aldrin	15.30	15.28	15.38	0.044	0.040	10
Heptachlor epoxide	17.14	17.11	17.21	0.044	0.040	11
4,4'-DDE	18.58	18.54	18.68	0.093	0.080	16
Endosulfan II	20.67	20.62	20.76	0.101	0.080	27
Endosulfan sulfate	22.38	22.35	22.49	0.102	0.080	27
Endrin ketone	26.50	26.47	26.61	0.106	0.080	33
Endrin aldehyde	21.88	21.85	21.99	0.098	0.080	23
alpha-Chlordane	17.97	17.92	18.06	0.041	0.040	3
gamma-Chlorodane	17.56	17.51	17.65	0.045	0.040	13
Tetrachloro-m-xylene	9.15	9.12	9.22	0.040	0.040	1
Decachlorobiphenyl	36.04	36.03	36.23	0.071	0.080	11

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

0873

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB608 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 09/05/94

EPA Sample No.(PIBLK): PIBLK06 Date Analyzed: 09/13/94

LAB Sample ID (PIBLK): PIBLK06 Time Analyzed: 2103

EPA Sample No.(INDA): INDAM04 Date Analyzed: 09/13/94

LAB Sample ID (INDA): INDAM04 Time Analyzed: 2145

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	11.68	11.57	11.67	0.045	0.040	13
gamma-BHC (Lindane)	13.02	12.90	13.00	0.045	0.040	13
Heptachlor	14.13	14.01	14.11	0.048	0.040	19
Endosulfan I	18.14	18.02	18.16	0.050	0.040	24
Dieldrin	19.00	18.88	19.02	0.091	0.080	14
Endrin	20.16	20.04	20.18	0.103	0.080	29
4,4'-DDD	20.34	20.22	20.36	0.090	0.080	12
4,4'-DDT	21.44	21.32	21.46	0.120	0.080	50
Methoxychlor	25.57	25.44	25.58	0.522	0.400	31
Tetrachloro-m-xylene	9.24	9.12	9.22	0.044	0.040	9
Decachlorobiphenyl	36.21	36.03	36.23	0.093	0.080	16

EPA Sample no. (INDB): INDBM04 Date Analyzed: 09/13/94

LAB Sample ID: (INDB): INDBM04 Time Analyzed: 2226

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	13.21	13.10	13.20	0.049	0.040	22
delta-BHC	14.49	14.38	14.48	0.053	0.040	32
Aldrin	15.39	15.28	15.38	0.048	0.040	21
Heptachlor epoxide	17.21	17.11	17.21	0.050	0.040	26
4,4'-DDE	18.64	18.54	18.68	0.101	0.080	26
Endosulfan II	20.73	20.62	20.76	0.110	0.080	37
Endosulfan sulfate	22.46	22.35	22.49	0.113	0.080	42
Endrin ketone	26.58	26.47	26.61	0.124	0.080	56
Endrin aldehyde	21.96	21.85	21.99	0.055	0.080	32
alpha-Chlordane	18.03	17.92	18.06	0.055	0.040	37
gamma-Chlorodane	17.62	17.51	17.65	0.060	0.040	49
Tetrachloro-m-xylene	9.23	9.12	9.22	0.043	0.040	7
Decachlorobiphenyl	36.17	36.03	36.23	0.085	0.080	6

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

0874

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC #1

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.35 DCB: 19.67

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT #	DCB RT #
01	RESC01	RESC01	09/05/94	0605	4.36	19.69
02	PEM01	PEM01	09/05/94	0629	4.35	19.69
03	AR106001	AR106001	09/05/94	0655	4.36	19.69
04	AR122101	AR122101	09/05/94	0719	4.36	19.69
05	AR123201	AR123201	09/05/94	0744	4.38	19.69
06	AR124201	AR124201	09/05/94	0824	4.38	19.71
07	AR124801	AR124801	09/05/94	0848	4.39	19.69
08	AR125401	AR125401	09/05/94	0913	4.36	19.69
09	TOXAPH01	TOXAPH01	09/05/94	0936	4.35	19.68
10	INDAL01	INDAL01	09/05/94	1000	4.36	19.68
11	INDBL01	INDBL01	09/05/94	1024	4.35	19.67
12	INDAM01	INDAM01	09/05/94	1048	4.35	19.67
13	INDBM01	INDBM01	09/05/94	1112	4.35	19.67
14	INDAH01	INDAH01	09/05/94	1136	4.35	19.67
15	INDBH01	INDBH01	09/05/94	1201	4.36	19.67
16	PIBLK01	PIBLK01	09/05/94	1230	4.37	19.68
17	PEM02	PEM02	09/05/94	1258	4.36	19.67
18	SL03	SL03	09/05/94	1333	4.37	19.69
19	SL03DL	SL03DL	09/05/94	1414	DL #	DL #
20	SL01	SL01	09/05/94	1439	4.36	19.67
21	SL04	SL04	09/05/94	1503	4.35	19.68
22	SL05	SL05	09/05/94	1528	4.35	19.67
23	SL05DL	SL05DL	09/05/94	1600	DL #	DL #
24	SL6/7	SL6/7	09/05/94	1624	4.34	19.66
25	SL14	SL14	09/05/94	1651	4.35	19.66
26	ZZZZ	ZZZZ	09/05/94	1721	NA #	NA #
27	SL08	SL08	09/05/94	1859	XXX #	XXX #
28	PIBLK02	PIBLK02	09/05/94	2122	4.36	19.66
29	INDAM02	INDAM02	09/05/94	2146	4.34	19.65
30	INDBM02	INDBM02	09/05/94	2221	4.37	19.67
31						

TCX = Tetrachloro-m-xylene QC LIMITS (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

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

0875

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC #1

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.35 DCB: 19.67

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT #	DCB RT #
01	PIBLK03	PIBLK03	09/06/94	1154	4.36	19.66
02	PEM03	PEM03	09/06/94	1220	4.32	19.61
03	SL12DL	SL12DL	09/06/94	1310	DIL #	DIL #
04	SL1011DL	SL1011DL	09/06/94	1334	DIL #	DIL #
05	SL25DL	SL25DL	09/06/94	1358	DIL #	DIL #
06	FB	FB	09/06/94	1427	4.35	19.66
07	SL14DL	SL14DL	09/06/94	1453	DIL #	DIL #
08	SL08DL	SL08DL	09/06/94	1833	DIL #	DIL #
09	SL1011	SL1011	09/06/94	1902	4.36	19.66
10	SL13	SL13	09/06/94	1925	4.33	19.65
11	SL15	SL15	09/06/94	1950	4.35	19.66
12	SL12	SL12	09/06/94	2015	4.35	19.66
13	SL25	SL25	09/06/94	2040	4.35	19.66
14	PIBLK04	PIBLK04	09/06/94	2106	4.35	19.65
15	INDAM03	INDAM03	09/06/94	2132	4.34	19.65
16	INDBM03	INDBM03	09/06/94	2208	4.36	19.66
17						
18						
19						
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21						
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26						
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29						
30						
31						

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.

0876

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC #1

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.35 DCB: 19.67

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT #	DCB RT #
01	PIBLK05	PIBLK05	09/13/94	0851	4.30	19.69
02	PEM04	PEM04	09/13/94	0917	4.31	19.65
03	PBLK01	PBLK01	09/13/94	1021	4.30	19.68
04	AR106002	AR106002	09/13/94	1047	4.29	19.67
05	SL08B	SL08B	09/13/94	1127	4.41	19.67
06	SL08BDL	SL08BDL	09/13/94	1245	DIL #	DIL #
07	SL14B	SL14B	09/13/94	1313	4.39	19.65
08	SL08BMS	SL08BMS	09/13/94	1355	4.38	19.87 *
09	SL08BMSD	SL08BMSD	09/13/94	1420	4.38	19.64
10	GPCCHK	GPCCHK	09/13/94	1448	4.27	19.64
11	FLORCHK	FLORCHK	09/13/94	1518	4.39	19.64
12	PBLK02W	PBLK02W	09/13/94	1826	4.27	19.63
13	PIBLK06	PIBLK06	09/13/94	1848	4.26	19.64
14	INDAM04	INDAM04	09/13/94	1913	4.28	19.61
15	INDBM04	INDBM04	09/13/94	1938	4.27	19.64
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

QC LIMITS
TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

0877

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC#2

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.17 DCB: 36.13

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT #	DCB RT #
01	RES01	RES01	09/05/94	6:07	9.17	36.08
02	PEM01	PEM01	09/05/94	6:48	9.17	36.11
03	AR106001	AR106001	09/05/94	7:29	9.17	36.11
04	AR122101	AR122101	09/05/94	8:26	9.18	36.13
05	AR123201	AR123201	09/05/94	9:07	9.17	36.13
06	AR124201	AR124201	09/05/94	9:49	9.18	36.13
07	AR124801	AR124801	09/05/94	10:29	9.18	36.13
08	AR125401	AR125401	09/05/94	11:12	9.18	36.13
09	toxaph01	toxaph01	09/05/94	11:54	9.18	36.13
10	indal01	indal01	09/05/94	12:35	9.17	36.12
11	INDBL01	INDBL01	09/05/94	13:34	9.18	36.15
12	INDAM01	INDAM01	09/05/94	14:39	9.17	36.14
13	INDBM01	INDBM01	09/05/94	15:20	9.17	36.12
14	INDAH01	INDAH01	09/05/94	16:02	9.17	36.13
15	INDBH01	INDBH01	09/05/94	16:43	9.16	36.12
16	PIBLK01	PIBLK01	09/05/94	18:09	9.18	36.10
17	PEM02	PEM02	09/05/94	18:49	9.16	36.08
18	SL03DL25	SL03DL25	09/05/94	19:31	9.16	36.08
19	PIBLK02	PIBLK02	09/05/94	20:58	9.16	36.05
20	INDAM02	INDAM02	09/05/94	21:38	9.15	36.05
21	INDBM02	INDBM02	09/05/94	22:21	9.16	36.08
23						
24						
25						
26						
27						
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.

0878

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC#2

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.17 DCB: 36.13

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT #	DCB RT #
01	PIBLK03	PIBLK03	09/06/94	9:05	9.16	36.07
02	PEM03	PEM03	09/06/94	10:01	9.15	36.05
03	sl8dl1000	sl8dl1000	09/06/94	10:43	0.00 *	0.00 *
04	sl01	sl01	09/06/94	11:25	9.16	36.04
05	sl04	sl04	09/06/94	12:06	9.15	35.79 *
06	sl05dl50x	sl05dl50x	09/06/94	13:29	9.15	0.00 *
07	sl14	sl14	09/06/94	14:27	9.16	36.04
08	SL145X	SL145X	09/06/94	15:10	0.00 *	0.00 *
09	sl6/7	sl6/7	09/06/94	16:58	9.15	36.04
10	plBk04	plBk04	09/06/94	17:45	9.15	36.05
11	indam03	indam03	09/06/94	18:25	9.15	36.03
12	indbm03	indbm03	09/06/94	19:06	9.15	36.04
13						
14						
15						
16						
17						
18						
19						
20						
21						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS
TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

0879

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GC Column: DB1701 ID: 0.53 (mm) Init. Calib. Date(s): 09/05/94 0 09/05/94

Instrument ID: GC#2

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 9.17 DCB: 36.13

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TXC RT	#	DCB RT	#
01	PIBLK05	PIBLK05	09/13/94	9:13	9.23	*	36.16	
02	PEM04	PEM04	09/13/94	9:56	9.23	*	36.14	
03	PBLK01	PBLK01	09/13/94	10:38	9.22		36.15	
04	SL13	SL13	09/13/94	11:25	9.21		36.13	
05	FB	FB	09/13/94	12:11	9.20		36.13	
06	PBLK02W	PBLK02W	09/13/94	12:58	9.21		36.13	
07	SL15	SL15	09/13/94	13:48	9.22		36.13	
08	SL10/11DL	SL10/11DL	09/13/94	14:30	9.22		36.12	
09	SL12	SL12	09/13/94	15:16	9.22		36.13	
10	SL25	SL25	09/13/94	15:58	9.22		36.13	
11	SL08BDL200X	SL08BDL200X	09/13/94	16:43	0.00	*	0.00	*
12	SL14B	SL14B	09/13/94	17:17	9.21		36.09	
13	SL08B	SL08B	09/13/94	18:04	9.18		36.08	
14	SL08BMS	SL08BMS	09/13/94	18:43	9.21		36.17	
15	SL08BMSD	SL08BMSD	09/13/94	19:24	9.20		36.09	
16	PIBLK06	PIBLK06	09/13/94	21:02	9.23	*	36.18	
17	INDAM04	INDAM04	09/13/94	21:45	9.24	*	36.21	
18	INDBM04	INDBM04	09/13/94	22:25	9.23	*	36.17	
19	AR166002	AR166002	09/13/94	23:09	9.24	*	36.18	
20	SL12DL25X	SL12DL25X	09/13/94	23:53	9.25	*	36.22	
21	SL25DL25X	SL25DL25X	09/14/94	0:37	9.24	*	0.00	*
23	SL14BDL5X	SL14BDL5X	09/14/94	1:20	9.25	*	0.00	*
24	PIBLK07	PIBLK07	09/14/94	2:08	9.25	*	36.21	
25	PEM05	PEM05	09/14/94	2:50	9.24	*	36.19	
26								
27								
28								
29								
30								
31								
32								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

QC LIMITS
(± 0.05 MINUTES)
(± 0.10 MINUTES)

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

0880

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Florisil Cartridge Lot Number: _____ Date of Analysis: _____

GC Column(1): _____ ID: _____ (mm) GC Column(2): _____ ID: _____ (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
alpha-BHC	10	8.97	90		80-120
gamma-BHC (Lindane)	10	8.96	90		80-120
Heptachlor	10	9.48	95		80-120
Endosulfan I	10	7.2	72	*	80-120
Dieldrin	20	10.8	54	*	80-120
Endrin	20	21.6	108		80-120
4,4'-DDD	20	19	95		80-120
4,4'-DDT	20	10.21	51	*	80-120
Methoxychlor	100	0	0	*	80-120
Tetrachloro-m-xylene	10	8.72	87		80-120
Decachlorobiphenyl	20	7.12	36	*	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	SL01	SL01	09/05/94	09/06/94
02	SL03	SL03	09/05/94	10/21/94
03	SL03DL	SL03DL	09/05/94	09/05/94
04	SL04	SL04	09/05/94	09/06/94
05	SL05	SL05	09/05/94	10/21/94
06	SL05DL	SL05DL	09/05/94	09/06/94
07	SL6/7	SL6/7	09/05/94	09/06/94
08	SL08DL	SL08DL	09/06/94	09/06/94
09	SL10/11	SL10/11	09/06/94	10/21/94
10	SL10/11DL	SL10/11DL	09/06/94	09/13/94
11	SL12	SL12	09/06/94	09/13/94
12	SL12DL	SL12DL	09/06/94	09/13/94
13	SL13	SL13	09/06/94	09/13/94
14	SL14	SL14	09/05/94	09/06/94
15	SL14DL	SL14DL	09/06/94	09/06/94
16	SL15	SL15	09/06/94	09/13/94
17	SL25	SL25	09/06/94	09/13/94
18	SL25DL	SL25DL	09/06/94	09/13/94
19	SL08B	SL08B	09/13/94	09/13/94
20	SL08BDL	SL08BDL	09/13/94	09/13/94
21	SL08BMS	SL08BMS	09/13/94	09/13/94
22	SL08BMSD	SL08BMSD	09/13/94	09/13/94
23	SL14B	SL14B	09/13/94	09/13/94
24	SL14BDL	SL14BDL		09/13/94

9B
PESTICIDE GPC CALIBRATION

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

GPC Column: Calibration Date: 09/01/94

GC Column(1): db1701 ID: 0.53 (mm) GC Column(2): db608 ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
gamma-BHC(Lindane)	50	45.6	91		80-110
Heptachlor	50	51.97	104		80-110
Aldrin	50	43.2	86		80-110
Dieldrin	100	105	105		80-110
Endrin	100	104.57	105		80-110
4,4'-DDT	100	71.5	72	*	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	SL01	SL01	09/05/94	09/06/94
02	SL03	SL03	09/05/94	10/21/94
03	SL03DL	SL03DL	09/05/94	09/05/94
04	SL04	SL04	09/05/94	09/06/94
05	SL05	SL05	09/05/94	10/21/94
06	SL05DL	SL05DL	09/05/94	09/06/94
07	SL6/7	SL6/7	09/05/94	09/06/94
08	SL08DL	SL08DL	09/06/94	09/06/94
09	SL10/11	SL10/11	09/06/94	10/21/94
10	SL10/11DL	SL10/11DL	09/06/94	09/13/94
11	SL12	SL12	09/06/94	09/13/94
12	SL12DL	SL12DL	09/06/94	09/13/94
13	SL13	SL13	09/06/94	09/13/94
14	SL14	SL14	09/05/94	09/06/94
15	SL14DL	SL14DL	09/06/94	09/06/94
16	SL15	SL15	09/06/94	09/13/94
17	SL25	SL25	09/06/94	09/13/94
18	SL25DL	SL25DL	09/06/94	09/13/94
19	SL08B	SL08B	09/13/94	09/13/94
20	SL08BDL	SL08BDL	09/13/94	09/13/94
21	SL08BMS	SL08BMS	09/13/94	09/13/94
22	SL08BMSD	SL08BMSD	09/13/94	09/13/94
23	SL14B	SL14B	09/13/94	09/13/94
24	SL14BDL	SL14BDL		09/13/94
25				
26				

0882

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

FB

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: FB Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	0.13	
	2	17.60	17.51	17.65	0.06	116.7
alpha Chlordane	1	11.98	11.91	12.05	0.12	
	2	18.01	17.92	18.06	0.03	300.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0883

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL01

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL01 Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.81	11.74	11.88	7.10	
	2	17.62	17.51	17.65	19.81	179.0
alpha Chlordane	1	11.99	11.91	12.05	7.57	
	2	17.98	17.92	18.06	9.14	20.7
4,4' DDT	1	14.86	14.79	14.93	7.27	
	2	21.38	21.32	21.46	13.29	82.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0884

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FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL03

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL03 Date(s) Analyzed: 09/05/94 10/21/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.85	11.74	11.88	417.45 E	
	2	18.50	17.93	18.07	1159.11 Y	177.7
alpha Chlordane	1	12.02	11.91	12.05	415.50 E	
	2	18.45	18.37	18.51	674.15 Y	62.3
4,4' DDT	1	14.88	14.79	14.93	103.88 E	
	2	22.08	22.02	22.16	436.73 Y	320.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0885

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL03DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL03DL Date(s) Analyzed: 09/05/94 09/05/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.83	11.74	11.88	525.19 D	
	2	17.57	17.51	17.65	429.30 D	22.3
alpha Chlordane	1	12.01	11.91	12.05	576.32 D	
	2	17.98	17.92	18.06	357.24 D	61.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0886

P10A_3.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL04

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL04 Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.81	11.74	11.88	5.17	
	2	17.62	17.51	17.65	22.14	328.5
alpha Chlordane	1	11.98	11.91	12.05	5.67	
	2	17.98	17.92	18.06	12.16	114.5
4,4' DDT	1	14.86	14.79	14.93	4.32	
	2	21.38	21.32	21.46	10.02	131.8
p,p' DDD	1	14.53	14.41	14.55	5.65	
	2	20.28		20.36	4.38	29.1

0887

P10A_4.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL05

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL05 Date(s) Analyzed: 09/05/94 10/21/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.83	11.74	11.88	524.73 E	
	2	18.06	17.93	18.07	848 Y	61.6
alpha Chlordane	1	12.09	11.91	12.05	993.43 E	
	2	18.45	18.37	18.51	877 Y	13.3
4,4' DDT	1	14.86	14.79	14.93	31.74	
	2	22.06	22.02	22.16	58 Y	83.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0888

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL05DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL05DL Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.81	11.74	11.88	1440.66 D	
	2	17.56	17.51	17.65	818.75 D	76.0
alpha Chlordane	1	11.98	11.91	12.05	1309.64 D	
	2	17.98	17.92	18.06	672.79 D	94.7
4,4' DDT	1	14.86	14.79	14.93	144.57 DJ	
	2	21.37	21.32	21.46	34.54 DJ	318.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0889

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FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL6/7

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL6/7 Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	6.26	
	2	17.62	17.51	17.65	7.08	13.1
alpha Chlordane	1	11.97	11.91	12.05	5.53	
	2	17.98	17.92	18.06	2.77	99.8
4,4' DDT	1	14.85	14.79	14.93	5.60	
	2	21.37	21.32	21.46	6.11	9.2
4,4' DDE	1	12.30	12.25	12.39	3.09 J	
	2	18.58	18.54	18.68	4.06	31.7
4,4' DDD	1	14.52	14.41	14.55	10.39	
	2	20.27	20.22	20.36	3.88	168.2
	1					
	2					
	1					
	2					
	1					
	2					

0890

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL08DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL08DL Date(s) Analyzed: 09/06/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	32224 D	
	2	17.56	17.51	17.65	27709 D	16.3
alpha Chlordane	1	11.97	11.91	12.05	27594 D	
	2	17.98	17.92	18.06	22849 D	20.8
4,4' DDT	1	14.94	14.79	14.93	4968 D	
	2	21.37	21.32	21.46	933 DJ	432.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0891

P10A_8.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL08B

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL08B Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.82	11.74	11.88	653.18 E	
	2	17.42	17.51	17.65	1014.04 E	55.2
alpha Chlordane	1	12.07	11.91	12.05	1122.85 E	
	2	17.79	17.92	18.06	498.00 E	125.5
4,4' DDT	1	14.85	14.79	14.93	34.98	
	2	21.36	21.32	21.46	178.10 E	409.1
gamma BHC	1	7.81	7.72	7.82	476.67 E	
	2	12.97	12.90	13.00	75.23 E	533.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0892

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL08BDL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL08BDL Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.76	11.74	11.88	2846.73 D	
	2	17.44	17.51	17.65	1996.38 D	42.6
alpha Chlordane	1	12.02	11.91	12.05	2209.91 D	
	2	17.80	17.92	18.06	3042.46 D	37.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0893

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL08BMS

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL08BMS Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.78	11.74	11.88	586.78 E	
	2	17.43	17.51	17.65	778.71 E	32.7
alpha Chlordane	1	11.96	11.91	12.05	536.41 E	
	2	17.81	17.92	18.06	458.46 E	17.0
4,4' DDT	1	14.82	14.79	14.93	42.06	
	2	21.40	21.32	21.46	220.58 E	424.5
ENDRIN	1	13.02	13.00	13.14	265.47 E	
	2	20.09	20.04	20.18	1134.66 E	327.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0894

P10A_22.XLS

FORM X PEST-1 3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL08BMSD

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL08BMSD Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.79	11.74	11.88	667.46 E	
	2	17.45	17.51	17.65	1018.18 E	52.5
alpha Chlordane	1	12.02	11.91	12.05	1123.28 E	
	2	17.82	17.92	18.06	517.81 E	116.9
4,4' DDT	1	14.82	14.79	14.93	54.26 E	
	2	21.39	21.32	21.46	302.03 E	456.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0895

P10A_23.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL10/11

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL10/11 Date(s) Analyzed: 09/06/94 10/21/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	82.46 E	
	2	17.98	17.93	18.07	189 Y	128.8
alpha Chlordane	1	11.98	11.91	12.05	77.78 E	
	2	18.43	18.37	18.51	100 Y	28.8
4,4' DDT	1	14.85	14.79	14.93	3.47 J	
	2	22.07	22.02	22.16	25 Y	620.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0896

P10A_9.XLS

FORM X PEST-1 3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL10/11DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL10/11DL Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	153.02 D	
	2	17.44	17.51	17.65	154.11 D	0.7
alpha Chlordane	1	11.97	11.91	12.05	140.42 D	
	2	17.80	17.92	18.06	150.01 D	6.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0897

P10A_10.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL12

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL12 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	45.95 E	
	2	17.44	17.51	17.65	35.13 E	30.8
alpha Chlordane	1	11.97	11.91	12.05	46.31 E	
	2	17.81	17.92	18.06	35.20 E	31.6
4,4' DDT	1	14.85	14.79	14.93	50.47 E	
	2	21.42	21.32	21.46	380.52 E	653.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0898

P10A_11.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL12DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL12DL Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	179.60 D	
	2	17.63	17.51	17.65	346.67 D	93.0
alpha Chlordane	1	11.98	11.91	12.05	187.22 D	
	2	18.04	17.92	18.06	103.41 D	81.0
4,4' DDT	1	14.85	14.79	14.93	178.69 D	
	2	21.45	21.32	21.46	461.30 D	158.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0899

P10A_12.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL13

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL13 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.79	11.74	11.88	20.09	
	2	17.44	17.51	17.65	5.73	250.5
alpha Chlordane	1	11.96	11.91	12.05	20.14	
	2	17.81	17.92	18.06	4.39	359.2
4,4' DDT	1	14.84	14.79	14.93	5.88	
	2	21.42	21.32	21.46	25.80	338.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

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P10A_13.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL14

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL14 Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	22.49	
	2	17.57	17.51	17.65	84.51 E	275.7
alpha Chlordane	1	11.98	11.91	12.05	26.49	
	2	17.98	17.92	18.06	31.55 E	19.1
4,4' DDT	1	14.85	14.79	14.93	32.33	
	2	21.38	21.32	21.46	318.60 E	885.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

P10A_14.XLS

FORM X PEST-1

3/90

090

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL14DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL14DL Date(s) Analyzed: 09/06/94 09/06/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1					
	2					
	1					
	2					
4,4' DDT	1	14.82	14.79	14.93	47.37 D	
	2	21.43	21.32	21.46	120.44 D	154.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0902

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL15

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL15 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	23.94	
	2	17.44	17.51	17.65	12.12	97.5
alpha Chlordane	1	11.97	11.91	12.05	24.73	
	2	17.81	17.92	18.06	7.62	224.6
4,4' DDT	1	14.85	14.79	14.93	1.90 J	
	2	21.41	21.32	21.46	9.49	398.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0903

P10A_16.XLS

FORM X PEST-1 3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL25

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL25 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	77.69 E	
	2	17.60	17.51	17.65	122.93 E	58.2
alpha Chlordane	1	11.97	11.91	12.05	79.93 E	
	2	17.80	17.92	18.06	32.07 E	149.2
4,4' DDT	1	14.85	14.79	14.93	142.18 E	
	2	21.41	21.32	21.46	401.55 E	182.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0904

P10A_17.XLS

FORM X PEST-1

3/90

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL25DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 SDG No.: NETL18-1

Lab Sample ID: SL25DL Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID (1): GC #1 Instrument ID (2): GC #2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB 608 ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma Chlordane	1	11.80	11.74	11.88	218.30 D	
	2	17.63	17.51	17.65	353.18 D	61.8
alpha Chlordane	1	11.98	11.91	12.05	221.54 D	
	2	18.04	17.92	18.06	158.01 D	40.2
4,4' DDT	1	14.85	14.79	14.93	217.70 D	
	2	21.44	21.32	21.46	425.41 D	95.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0905

P10A_18.XLS

FORM X PEST-1 3/90

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL03

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL03 Date(s) Analyzed: 09/05/94 10/21/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION		%D
	1	13.57	13.49	13.63	983.5			
Aroclor 1260	2	16.18	16.10	16.24	1093.6			
	3	17.10	17.02	17.16	1075.6			
COLUMN 1	4							
	5					1050.9	E	
	1	23.89	23.82	23.96	2011.0			
	2	24.51	24.44	24.58	1895.0			
	3	27.35	27.28	27.42	2240.0			
COLUMN 2	4							
	5					2048.7	Y	94.9
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							

At least 3 peaks are required for identification of multicomponent analytes

0906

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL03DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL03DL Date(s) Analyzed: 09/05/94 09/05/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.57	13.49	13.63	1090.0		
Aroclor 1260	2	16.18	16.10	16.24	914.0		
	3	17.09	17.02	17.16	933.4		
COLUMN 1	4						
	5					979.1	
	1	23.05	23.00	23.14	2447.3		
	2	23.62	23.56	23.70	2015.6		
	3	26.23	26.18	26.32	1994.2		
COLUMN 2	4						
	5					2152.4	119.8
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0907

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL12

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL12 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.53	13.49	13.63	139.6		
Aroclor 1260	2	16.14	16.10	16.24	43.9		
	3	17.06	17.02	17.16	40.3		
COLUMN 1	4						
	5					74.6	
	1	23.08	23.00	23.14	345.4		
	2	23.66	23.56	23.70	304.2		
	3	26.28	26.18	26.32	364.2		
COLUMN 2	4						
	5					337.9	352.9
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0908

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL12DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL12DL Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.54	13.49	13.63	697.8		
Aroclor 1260	2	16.15	16.10	16.24	294.1		
	3	17.07	17.02	17.16	255.5		
COLUMN 1	4						
	5					415.8	
	1	23.13	23.00	23.14	440.1		
	2	23.70	23.56	23.70	398.5		
	3	26.32	26.18	26.32	526.0		
COLUMN 2	4						
	5					454.8	9.4
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL13

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL13 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.53	13.49	13.63	42.3		
Aroclor 1260	2	16.14	16.10	16.24	27.6		
	3	17.06	17.02	17.16	36.6		
COLUMN 1	4						
	5					35.5	
	1	23.09	23.00	23.14	65.1		
	2	23.66	23.56	23.70	41.6		
	3	26.28	26.18	26.32	84.2		
COLUMN 2	4						
	5					63.6	79.2
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0910

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL14

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL14 Date(s) Analyzed: 09/05/94 09/06/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION		%D
	1	13.54	13.49	13.63	465.5			
Aroclor 1260	2	16.15	16.10	16.24	784.1			
	3	17.07	17.02	17.16	844.2			
COLUMN 1	4							
	5					697.9	E	
	1	23.05	23.00	23.14	2885.7			
	2	23.62	23.56	23.70	2098.9			
	3	26.23	26.18	26.32	2167.0			
COLUMN 2	4							
	5					2383.9	E	241.6
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							

At least 3 peaks are required for identification of multicomponent analytes

0911

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL14DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL14DL Date(s) Analyzed: 09/06/94 09/06/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.51	13.49	13.63	893.6		
Aroclor 1260	2	16.13	16.10	16.24	1405.4		
	3	17.05	17.02	17.16	1685.4		
COLUMN 1	4						
	5					1328.2	
	1	22.68	23.00	23.14	2941.2		
	2	23.23	23.56	23.70	2080.1		
	3	25.73	26.18	26.32	2090.8		
COLUMN 2	4						
	5					2370.7	78.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0912

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL25

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL25 Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.53	13.49	13.63	364.2		
Aroclor 1260	2	16.15	16.10	16.24	155.7		
	3	17.07	17.02	17.16	153.3		
COLUMN 1	4						
	5					224.4	
	1	23.08	23.00	23.14	504.6		
	2	23.66	23.56	23.70	415.1		
	3	26.27	26.18	26.32	386.7		
COLUMN 2	4						
	5					435.5	94.1
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0913

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL25DL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL25DL Date(s) Analyzed: 09/06/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	13.54	13.49	13.63	753.0		
Aroclor 1260	2	16.15	16.10	16.24	404.2		
	3	17.06	17.02	17.16	368.8		
COLUMN 1	4						
	5					508.6	
	1	23.13	23.00	23.14	483.1		
	2	23.34	23.56	23.70	154.7		
	3	26.32	26.18	26.32	522.1		
COLUMN 2	4						
	5					386.6	31.6
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0914

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL14B

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL14B Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION		%D
	1	13.50	13.49	13.63	379.4			
Aroclor 1260	2	16.13	16.10	16.24	682.4			
	3	17.06	17.02	17.16	552.8			
COLUMN 1	4							
	5					538.2		
	1	23.08	23.00	23.14	965.0			
	2	23.64	23.56	23.70	653.5			
	3	26.26	26.18	26.32	736.7			
COLUMN 2	4							
	5					785.1	E	45.9
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							
	1							
	2							
	3							
COLUMN 1	4							
	5							
	1							
	2							
	3							
COLUMN 2	4							
	5							

At least 3 peaks are required for identification of multicomponent analytes

0915

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

SL14BDL

Lab Name: New England Testing Laboratory, Inc Contract: Wells G&H, RD/RA

Lab Code: RI010 Case No.: SDG No: NETL18-1

Lab Sample ID: SL14BDL Date(s) Analyzed: 09/13/94 09/13/94

Instrument ID(1): GC#1 Instrument ID (2): GC#2

GC Column(1): DB1701 ID: 0.53 (mm) GC Column(2): DB608 ID: 0.53 (mm)

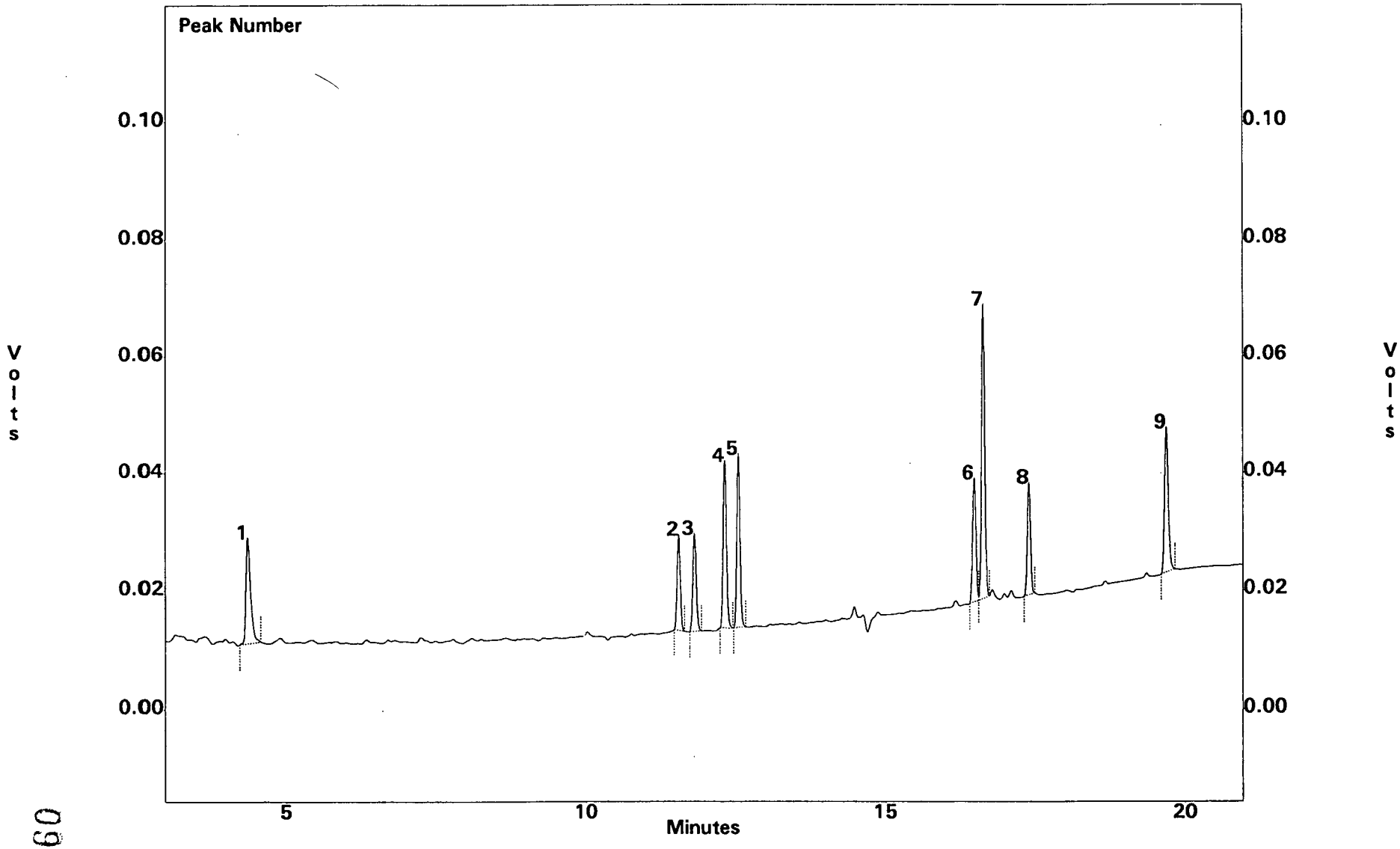
ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1260	1						
	2						
	3						
COLUMN 1	4						
	5						
	1	23.12	23.00	23.14	1508.5		
	2	23.69	23.56	23.70	1151.7		
	3	26.31	26.18	26.32	1710.1		
COLUMN 2	4						
	5					1456.8	
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes

0916

File : C:\EZCHROM\CHROM\EC1\CLP\RES01.GC1
Sample ID : RES01
Acquired : Sep 05, 1994 06:05:06
User : MB

C:\EZCHROM\CHROM\EC1\CLP\RES01.GC1 -- Channel B



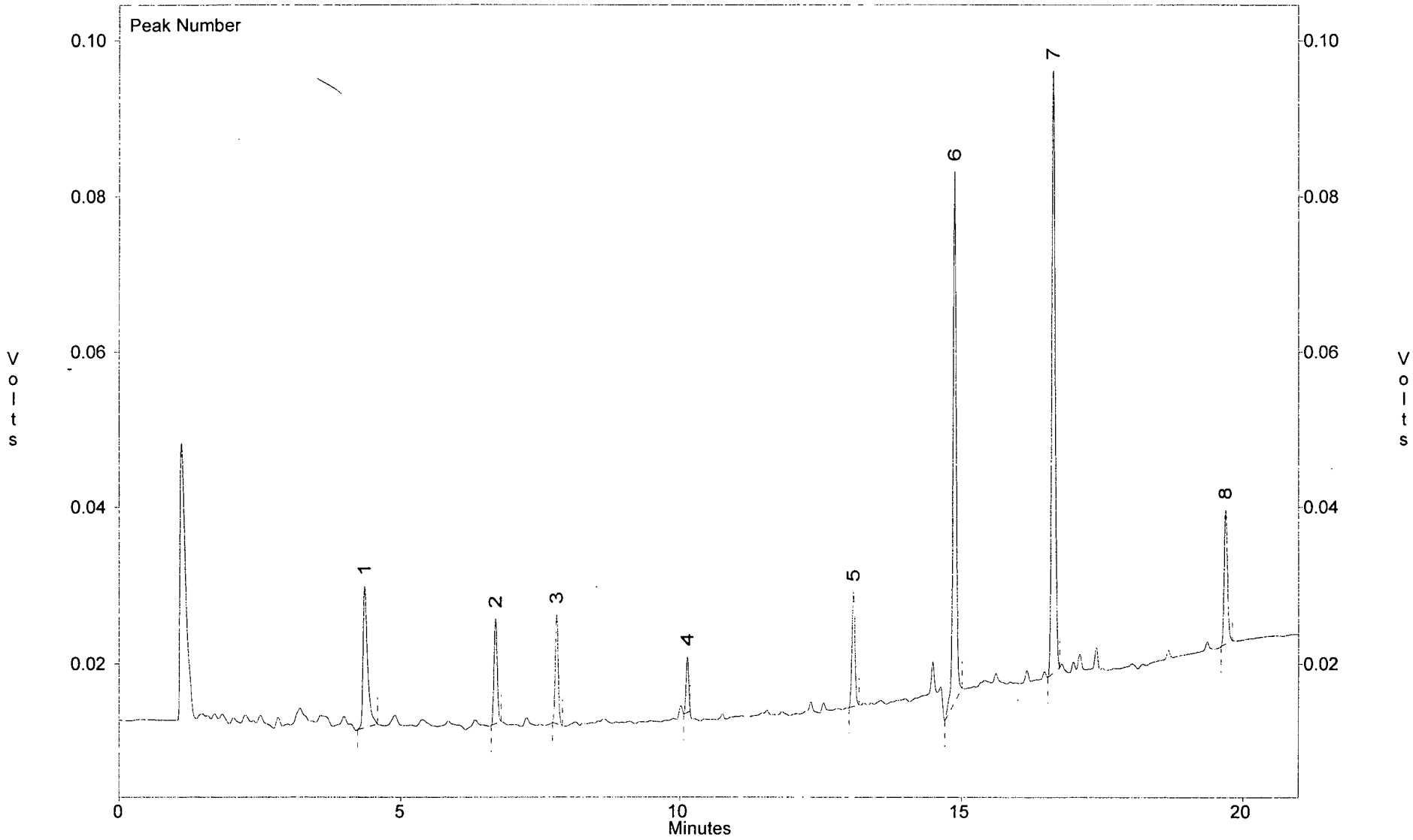
0917

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	95117	20
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
2	ENDOSULFAN I	11.56	59491	13
3	gamma CHLORDANE	11.82	63631	13
--	alpha CHLORDANE	11.98	0	0
4	P,P' DDE	12.33	102013	26
5	DIELDRIN	12.56	106841	28
--	ENDRIN	13.06	0	0
--	ENDOSULFAN II	14.45	0	0
--	P,P' DDD	14.47	0	0
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
6		16.18	3200	3200
7	endosulfan sulfate	16.49	76503	33
8	methoxychlor	16.64	196110	127
9		16.79	4201	4201
10		17.00	1796	1796
11		17.11	3502	3502
12	ENDRIN KETONE	17.40	69248	32
13		19.36	1584	1584
14	DCB	19.69	104379	25

File : C:\EZCHROM\CHROM\EC1CLP\PEM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : PEM01
Acquired : Sep 05, 1994 06:29:15
User : mb

C:\EZCHROM\CHROM\EC1CLP\PEM01 -- Channel B



File : C:\EZCHROM\CHROM\EC1CLP\PEM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : PEM01
Acquired : Sep 05, 1994 06:29:15
User : mb

Channel B Results

PEAK # NG/ML	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.35	98868	21.44
2	alpha BHC	6.69	49815	10.39
3	gamma BHC	7.78	50117	10.23
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
4	BETA BHC	10.14	22295	11.28
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
--	ENDOSULFAN I	11.54	0	0.00
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
--	DIELDRIN	12.53	0	0.00
5	ENDRIN	13.08	52647	40.91
--	ENDOSULFAN II	14.45	0	0.00
--	P,P' DDD	14.47	0	0.00
6	P,P' DDT	14.88	271033	88.96
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
7	methoxychlor	16.64	310720	202.51
--	ENDRIN KETONE	17.38	0	0.00
8	DCB	19.69	71059	17.24

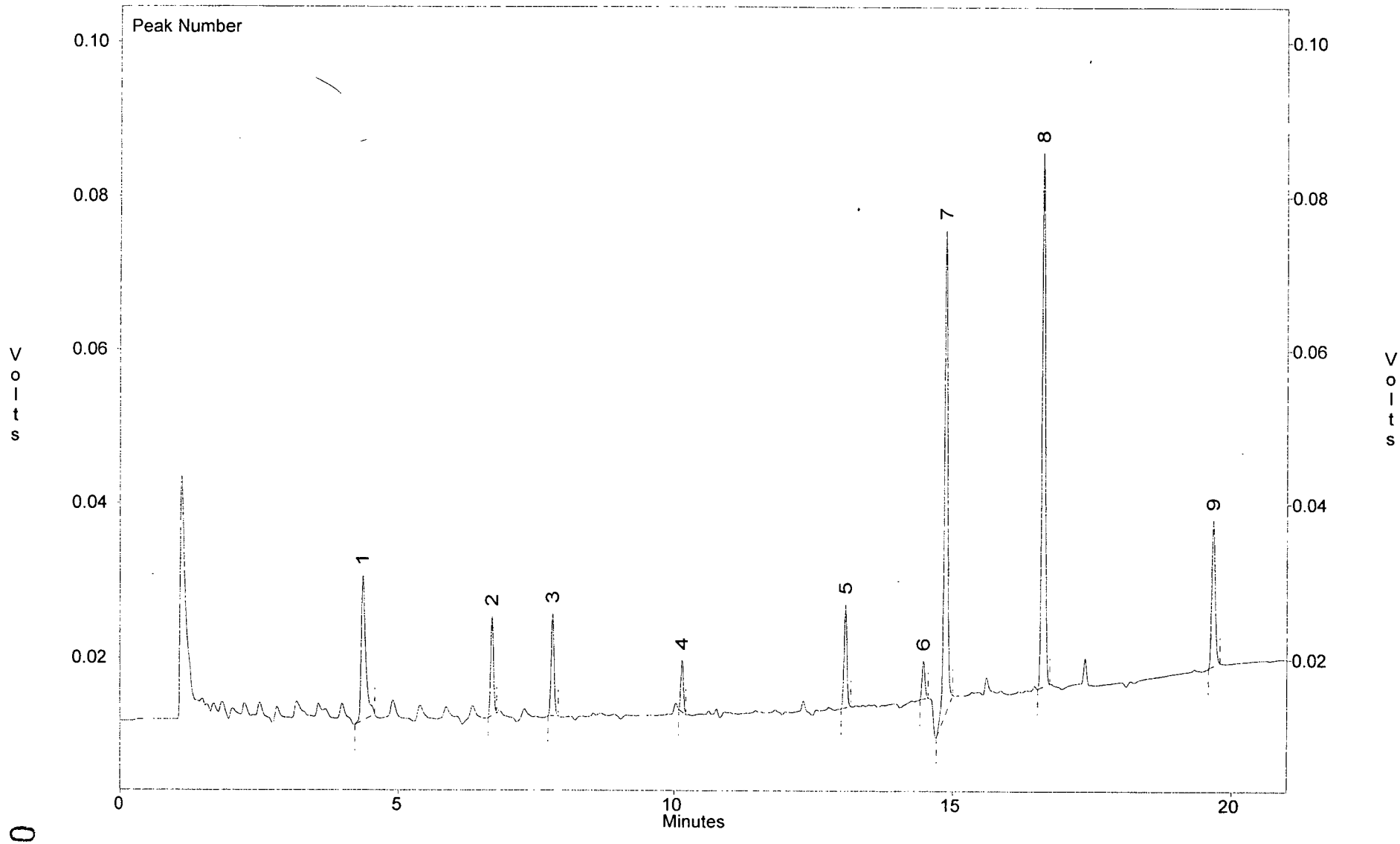
Channel B Results

PEAK #	COMPOUND	RT	AREA

0920

File : C:\EZCHROM\CHROM\EC1CLP\PEM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : pem02
Acquired : Sep 05, 1994 12:58:24
User : mb

C:\EZCHROM\CHROM\EC1CLP\PEM02 -- Channel B



0921

File : C:\EZCHROM\CHROM\EC1CLP\PEM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : pem02
Acquired : Sep 05, 1994 12:58:24
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	102660	22.26
2	alpha BHC	6.70	45272	9.44
3	gamma BHC	7.79	47369	9.67
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
4	BETA BHC	10.14	22105	11.19
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
--	ENDOSULFAN I	11.54	0	0.00
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
--	DIELDRIN	12.53	0	0.00
5	ENDRIN	13.08	47119	36.61
--	ENDOSULFAN II	14.45	0	0.00
6	P,P' DDD	14.48	17072	6.33
7	P,P' DDT	14.87	251264	82.47
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
8	methoxychlor	16.63	283227	184.59
--	ENDRIN KETONE	17.38	0	0.00
9	DCB	19.67	79035	19.18

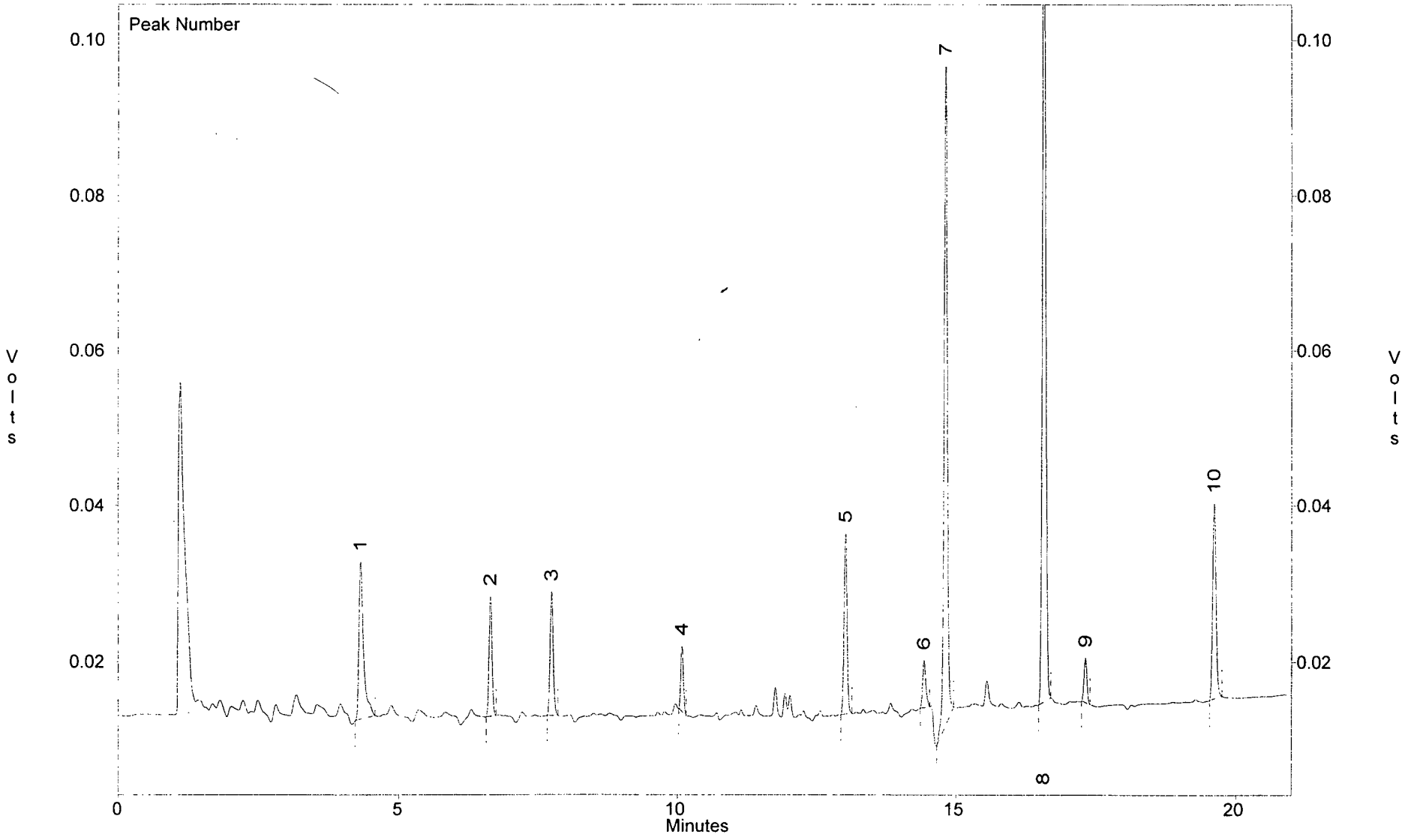
Channel B Results

PEAK #	COMPOUND	RT	AREA

0922

File : C:\EZCHROM\CHROM\EC1CLP\PEM03.GC1
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : pem03
Acquired : Sep 06, 1994 12:19:48
User : mb

C:\EZCHROM\CHROM\EC1CLP\PEM03.GC1 -- Channel B



0923

File : C:\EZCHROM\CHROM\EC1CLP\PEM03.GC1
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : pem03
Acquired : Sep 06, 1994 12:19:48
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.32	113997	24.72
2	alpha BHC	6.65	56683	11.82
3	gamma BHC	7.73	58128	11.86
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
4	BETA BHC	10.08	27922	14.13
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
--	ENDOSULFAN I	11.54	0	0.00
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
--	DIELDRIN	12.53	0	0.00
5	ENDRIN	13.02	84574	65.71
6	P,P' DDD	14.42	24010	8.90
--	ENDOSULFAN II	14.45	0	0.00
7	P,P' DDT	14.81	342705	112.48
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
8	methoxychlor	16.56	451440	294.22
9	ENDRIN KETONE	17.32	19722	9.30
10	DCB	19.61	106170	25.76

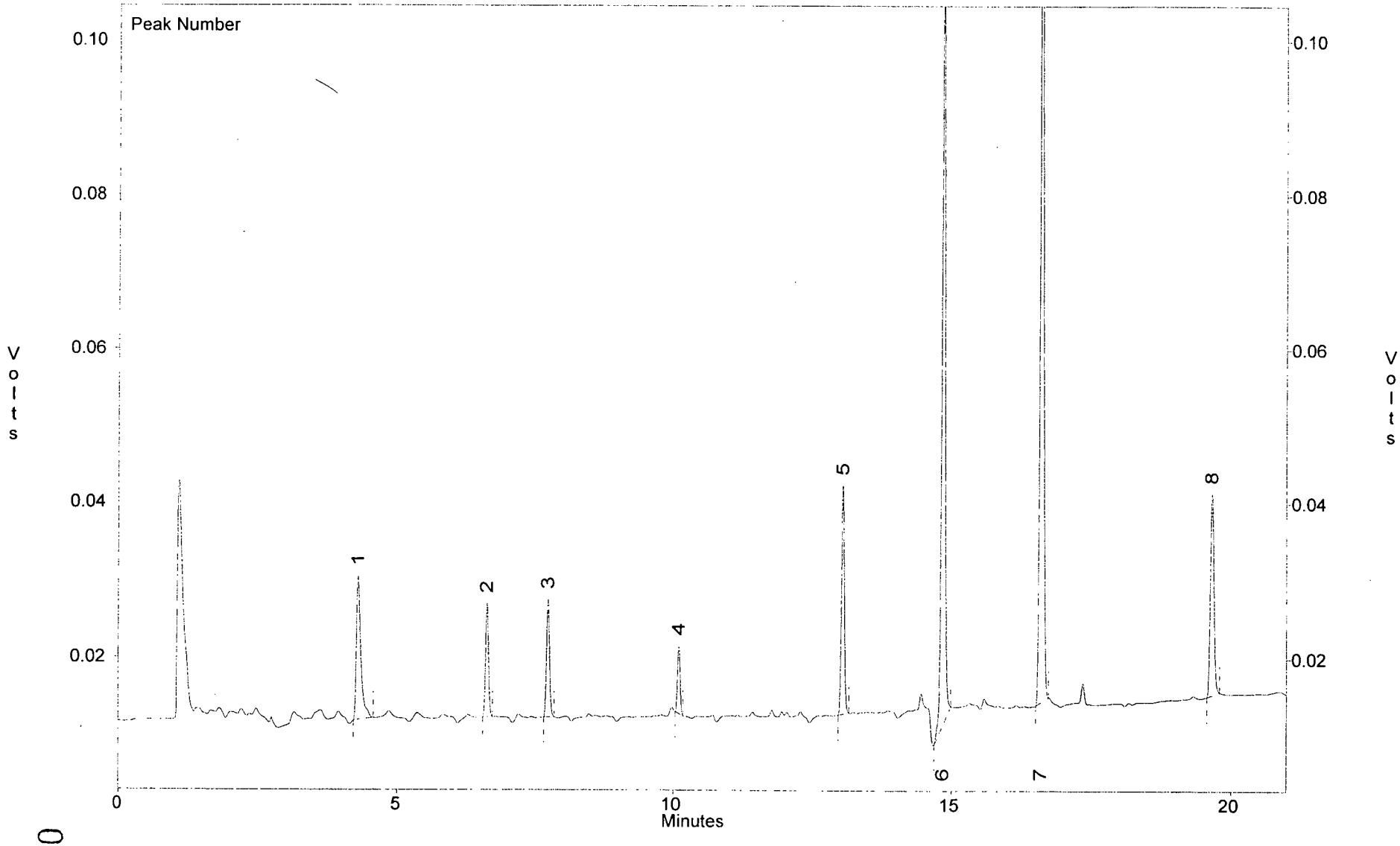
Channel B Results

PEAK #	COMPOUND	RT	AREA

092

File : C:\EZCHROM\CHROM\EC1CLP\PEM04.GC1
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : PEM04
Acquired : Sep 13, 1994 09:16:48
User : mb

C:\EZCHROM\CHROM\EC1CLP\PEM04.GC1 -- Channel B



0925

File : C:\EZCHROM\CHROM\EC1CLP\PEM04.GC1
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : PEM04
Acquired : Sep 13, 1994 09:16:48
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.31	101328	21.98
2	alpha BHC	6.64	53054	11.06
3	gamma BHC	7.73	54019	11.02
--	HEPTACHLOR	8.23	0	0.00
--	ALDRIN	8.90	0	0.00
4	BETA BHC	10.09	28805	14.58
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
--	ENDOSULFAN I	11.54	0	0.00
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
--	DIELDRIN	12.53	0	0.00
5	ENDRIN	13.04	107573	83.58
--	ENDOSULFAN II	14.45	0	0.00
--	P,P' DDD	14.47	0	0.00
6	P,P' DDT	14.84	391884	128.62
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
7	methoxychlor	16.60	484899	316.03
--	ENDRIN KETONE	17.38	0	0.00
8	DCB	19.65	112600	27.32

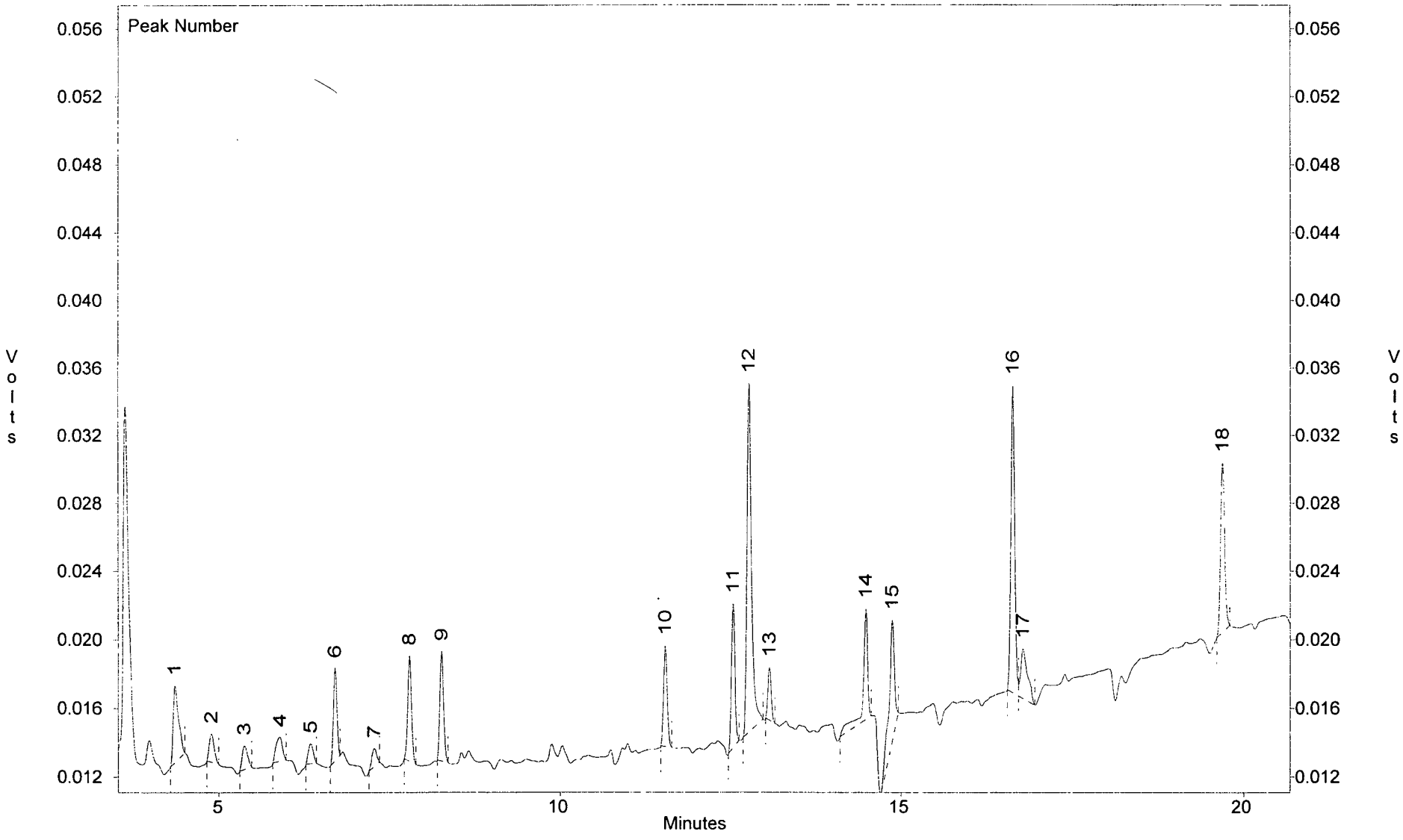
Channel B Results

PEAK #	COMPOUND	RT	AREA

0926

File : C:\EZCHROM\CHROM\EC1CLP\INDAL01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAL01
Acquired : Sep 05, 1994 09:59:57
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAL01 -- Channel B



0927

File : C:\EZCHROM\CHROM\EC1CLP\INDAL01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAL01
Acquired : Sep 05, 1994 09:59:57
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	25156	5.46
6	alpha BHC	6.69	19064	3.98
8	gamma BHC	7.78	22806	4.65
9	HEPTACHLOR	8.25	24513	4.73
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
10	ENDOSULFAN I	11.55	21964	4.81
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
11	DIELDRIN	12.55	30143	7.95
13	ENDRIN	13.08	10210	7.93
--	ENDOSULFAN II	14.45	0	0.00
14	P,P' DDD	14.48	29436	10.92
15	P,P' DDT	14.87	38353	12.59
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
16	methoxychlor	16.63	69586	45.35
--	ENDRIN KETONE	17.38	0	0.00
18	DCB	19.68	40493	9.83

Channel B Results

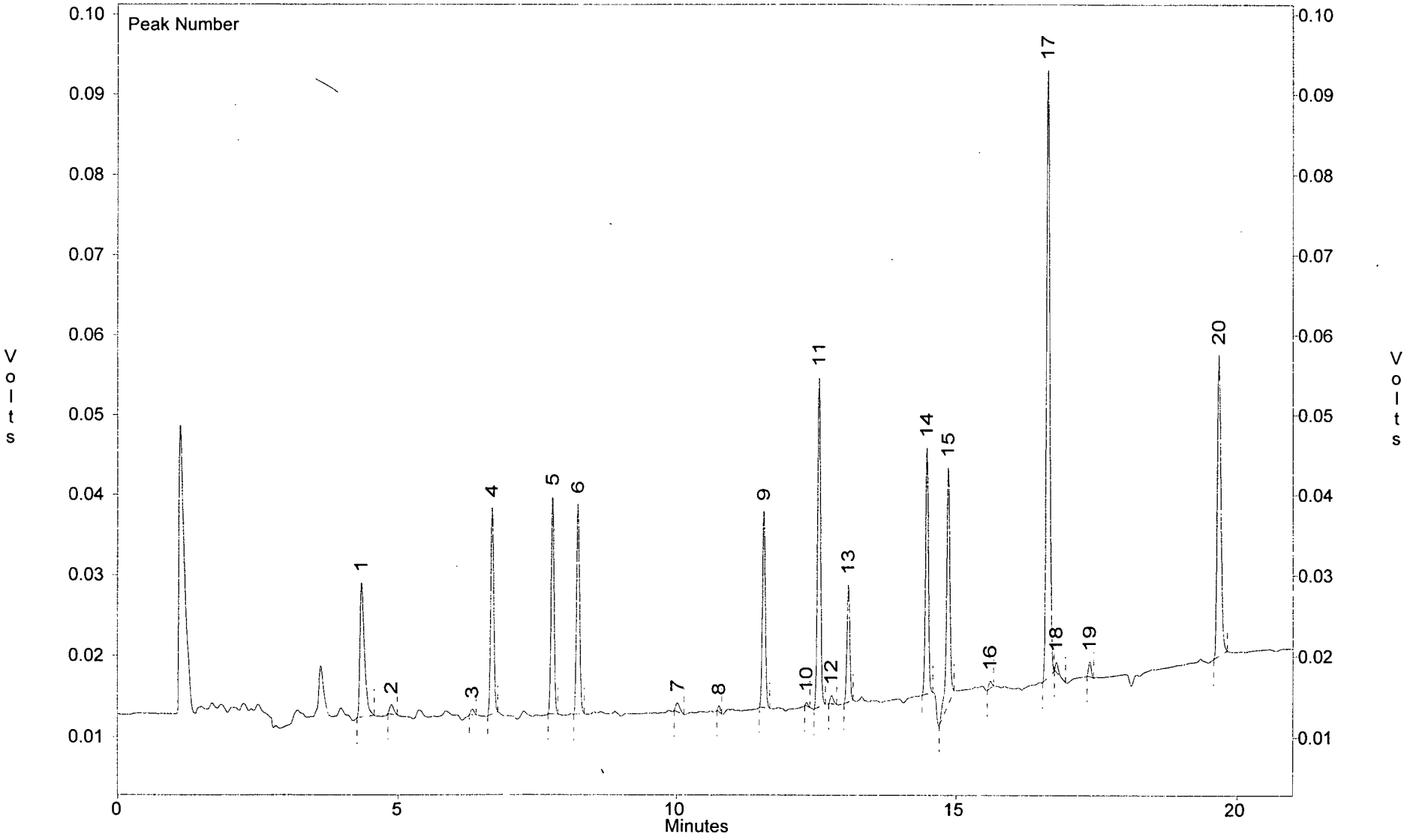
PEAK #	COMPOUND	RT	AREA
2		4.89	8184
3		5.37	7434

Continued...

0920

File : C:\EZCHROM\CHROM\EC1CLP\INDAM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM01
Acquired : Sep 05, 1994 10:48:19
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAM01 -- Channel B



0929

File : C:\EZCHROM\CHROM\EC1CLP\INDAM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM01
Acquired : Sep 05, 1994 10:48:19
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.35	92216	20.00
4	alpha BHC	6.68	95907	20.00
5	gamma BHC	7.77	97997	20.00
6	HEPTACHLOR	8.23	103695	20.00
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
8	HEPTACHLOR EPOXIDE	10.75	2055	0.49
9	ENDOSULFAN I	11.54	91410	20.00
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
10	P,P' DDE	12.31	1163	0.30
11	DIELDRIN	12.53	151594	40.00
13	ENDRIN	13.06	51482	40.00
--	ENDOSULFAN II	14.45	0	0.00
14	P,P' DDD	14.47	107863	40.00
15	P,P' DDT	14.86	121873	40.00
16	ENDRIN ALDEHYDE	15.61	2910	1.99
--	endosulfan sulfate	16.47	0	0.00
17	methoxychlor	16.62	306868	200.00
19	ENDRIN KETONE	17.37	5963	2.81
20	DCB	19.67	164859	40.00

Channel B Results

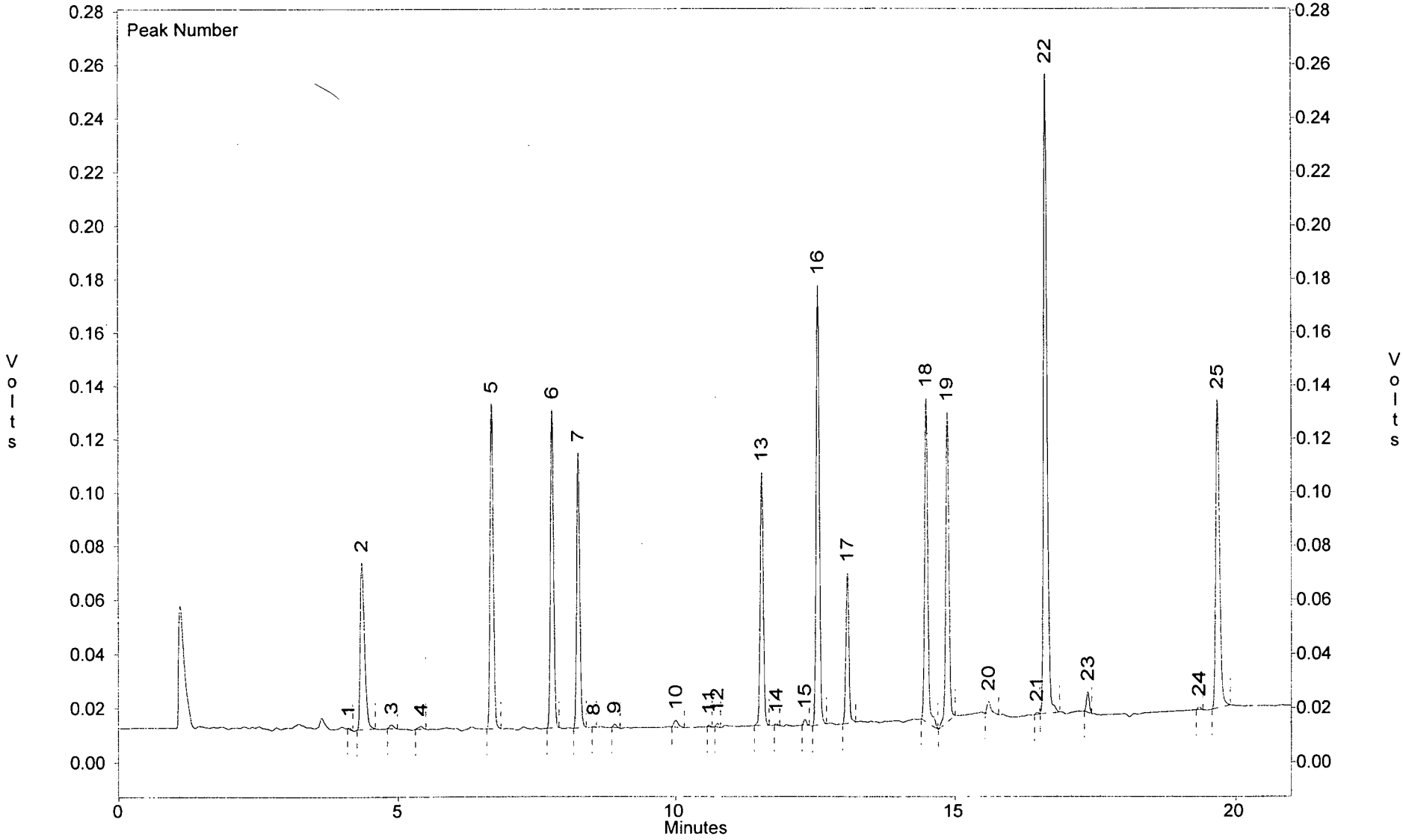
PEAK #	COMPOUND	RT	AREA
2		4.88	6063
3		6.33	2802

Continued...

0930

File : C:\EZCHROM\CHROM\EC1CLP\INDAH01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDahO1
Acquired : Sep 05, 1994 11:36:25
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAH01 -- Channel B



0931

File : C:\EZCHROM\CHROM\EC1CLP\INDAH01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDah01
Acquired : Sep 05, 1994 11:36:25
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
2	TCMX	4.35	329525	71.47
5	alpha BHC	6.68	481588	100.43
6	gamma BHC	7.77	449673	91.77
7	HEPTACHLOR	8.23	419062	80.83
9	ALDRIN	8.90	4842	0.94
--	BETA BHC	10.12	0	0.00
11	DELTA BHC	10.60	1573	0.43
12	HEPTACHLOR EPOXIDE	10.75	3937	0.93
13	ENDOSULFAN I	11.54	370376	81.04
14	gamma CHLORDANE	11.80	1530	0.32
--	alpha CHLORDANE	11.98	0	0.00
15	P,P' DDE	12.31	7200	1.86
16	DIELDRIN	12.54	645795	170.40
17	ENDRIN	13.06	207378	161.12
--	ENDOSULFAN II	14.45	0	0.00
18	P,P' DDD	14.47	485501	180.04
19	P,P' DDT	14.86	465492	152.78
20	ENDRIN ALDEHYDE	15.60	21599	14.79
21	endosulfan sulfate	16.47	2216	0.96
22	methoxychlor	16.62	1058287	689.73
23	ENDRIN KETONE	17.37	25969	12.25
25	DCB	19.67	537245	130.35

Channel B Results

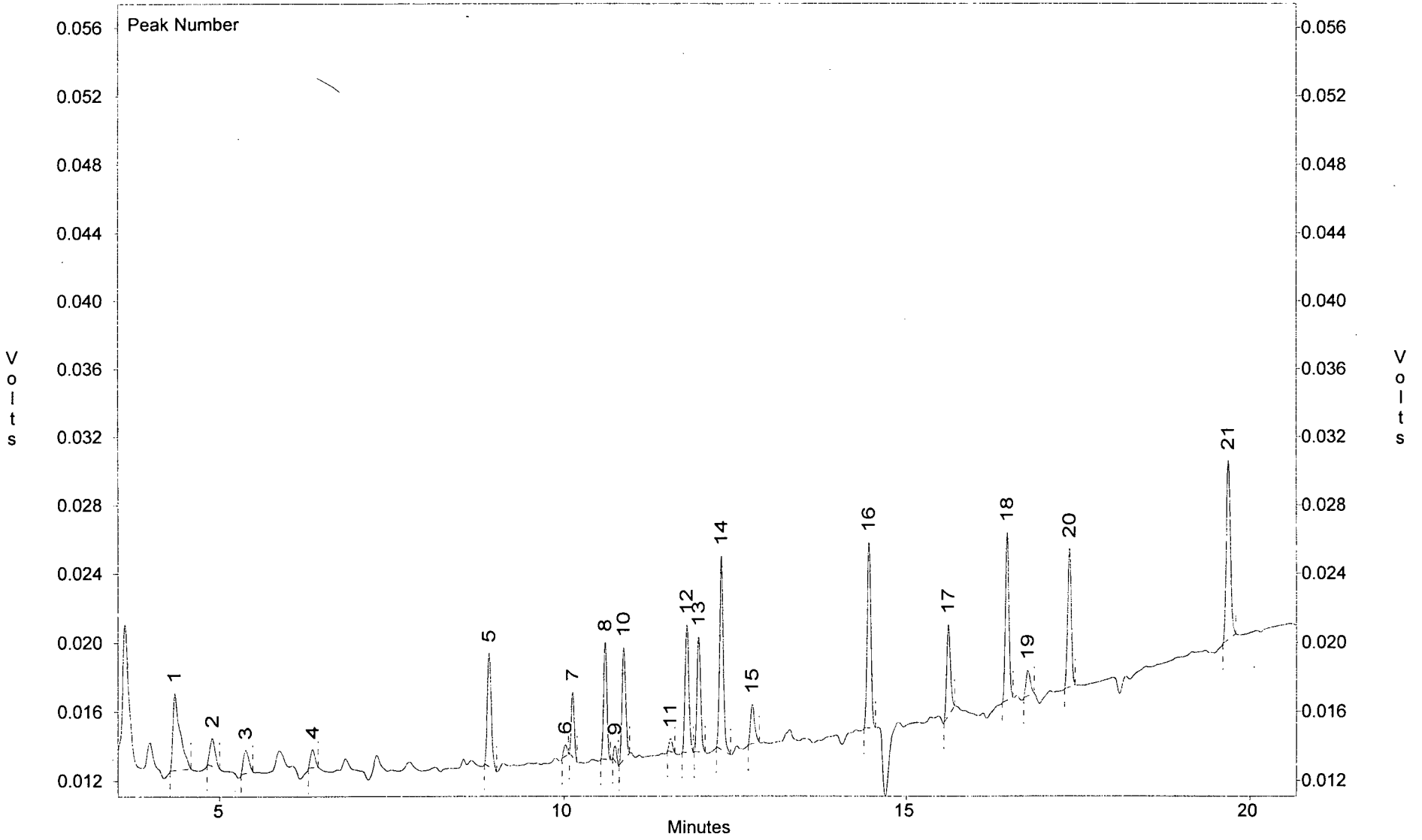
PEAK #	COMPOUND	RT	AREA
1		4.11	1581
3		4.88	7308

Continued...

0932

File : C:\EZCHROM\CHROM\EC1CLP\INDBL01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBLO1
Acquired : Sep 05, 1994 10:24:20
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBL01 -- Channel B



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File : C:\EZCHROM\CHROM\EC1CLP\INDBL01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBL01
Acquired : Sep 05, 1994 10:24:20
User : mb

Channel B Results

PEAK #	COMPOUND	RT	AREA	EXTD CONC. NG/ML
1	TCMX	4.35	31861	6.91
--	alpha BHC	6.68	0	0.00
--	gamma BHC	7.77	0	0.00
--	HEPTACHLOR	8.23	0	0.00
5	ALDRIN	8.91	25311	4.89
7	BETA BHC	10.13	12184	6.17
8	DELTA BHC	10.61	21920	6.02
10	HEPTACHLOR EPOXIDE	10.88	24004	5.67
11	ENDOSULFAN I	11.57	2611	0.57
12	gamma CHLORDANE	11.81	28106	5.80
13	alpha CHLORDANE	11.98	24442	5.62
14	P,P' DDE	12.32	41489	10.74
--	DIELDRIN	12.53	0	0.00
--	ENDRIN	13.06	0	0.00
16	ENDOSULFAN II	14.45	38747	13.49
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
17	ENDRIN ALDEHYDE	15.61	20477	14.02
18	endosulfan sulfate	16.47	34735	15.07
--	methoxychlor	16.62	0	0.00
20	ENDRIN KETONE	17.38	28910	13.63
21	DCB	19.67	42608	10.34

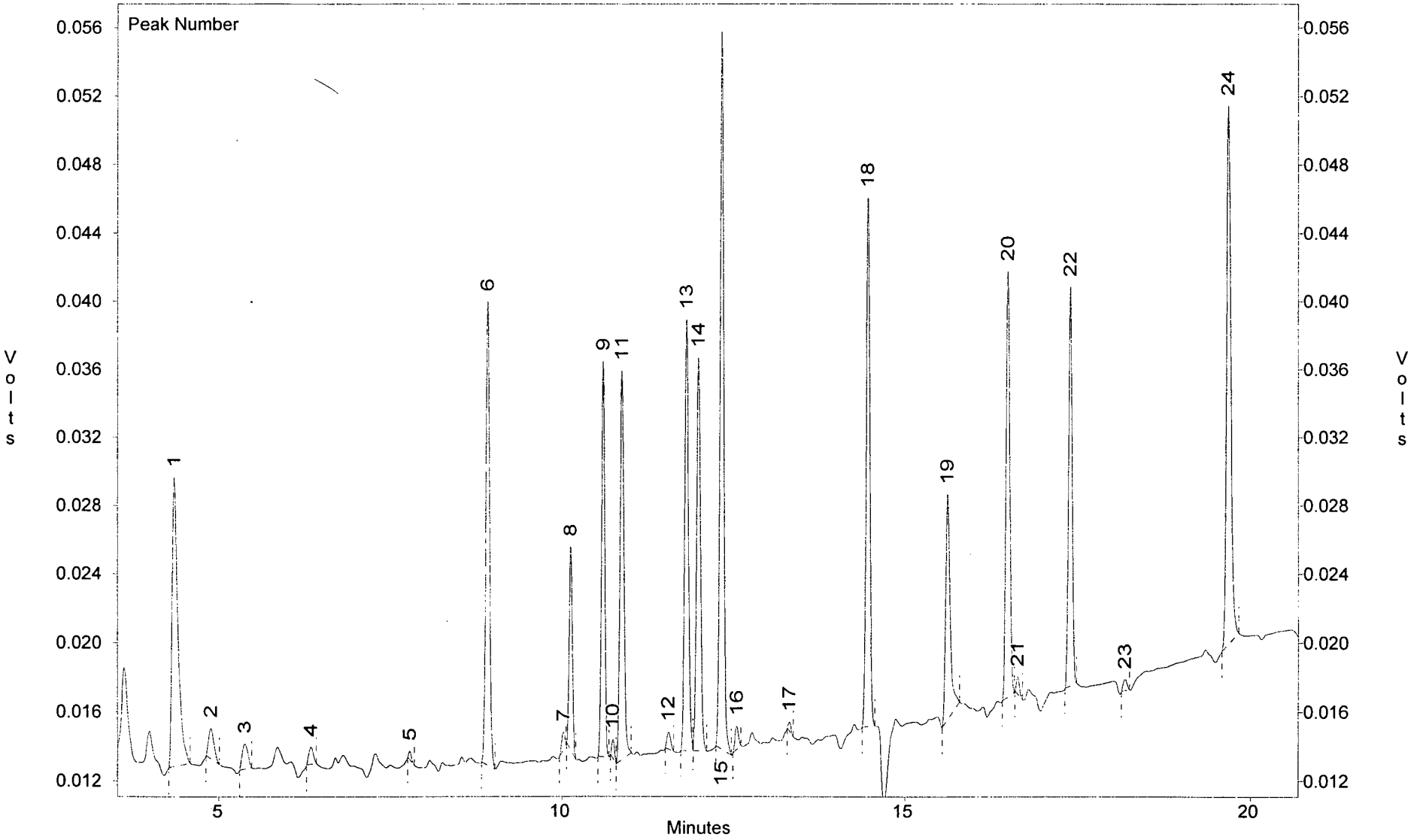
Channel B Results

PEAK #	COMPOUND	RT	AREA
2		4.89	8461
3		5.38	7263

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\INDBM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDbMO1
Acquired : Sep 05, 1994 11:12:19
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBM01 -- Channel B



0934

File : C:\EZCHROM\CHROM\EC1CLP\INDBM01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDbMO1
Acquired : Sep 05, 1994 11:12:19
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.35	97638	21.18
--	alpha BHC	6.68	0	0.00
5	gamma BHC	7.77	1329	0.27
--	HEPTACHLOR	8.23	0	0.00
6	ALDRIN	8.90	103510	20.00
8	BETA BHC	10.12	39525	20.00
9	DELTA BHC	10.61	72824	20.00
11	HEPTACHLOR EPOXIDE	10.88	84711	20.00
12	ENDOSULFAN I	11.55	3668	0.80
13	gamma CHLORDANE	11.81	96925	20.00
14	alpha CHLORDANE	11.98	86947	20.00
15	P,P' DDE	12.31	154519	40.00
16	DIELDRIN	12.54	4457	1.18
--	ENDRIN	13.06	0	0.00
18	ENDOSULFAN II	14.45	114883	40.00
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
19	ENDRIN ALDEHYDE	15.60	58408	40.00
20	endosulfan sulfate	16.47	92202	40.00
21	methoxychlor	16.62	3038	1.98
22	ENDRIN KETONE	17.38	84829	40.00
24	DCB	19.67	137491	33.36

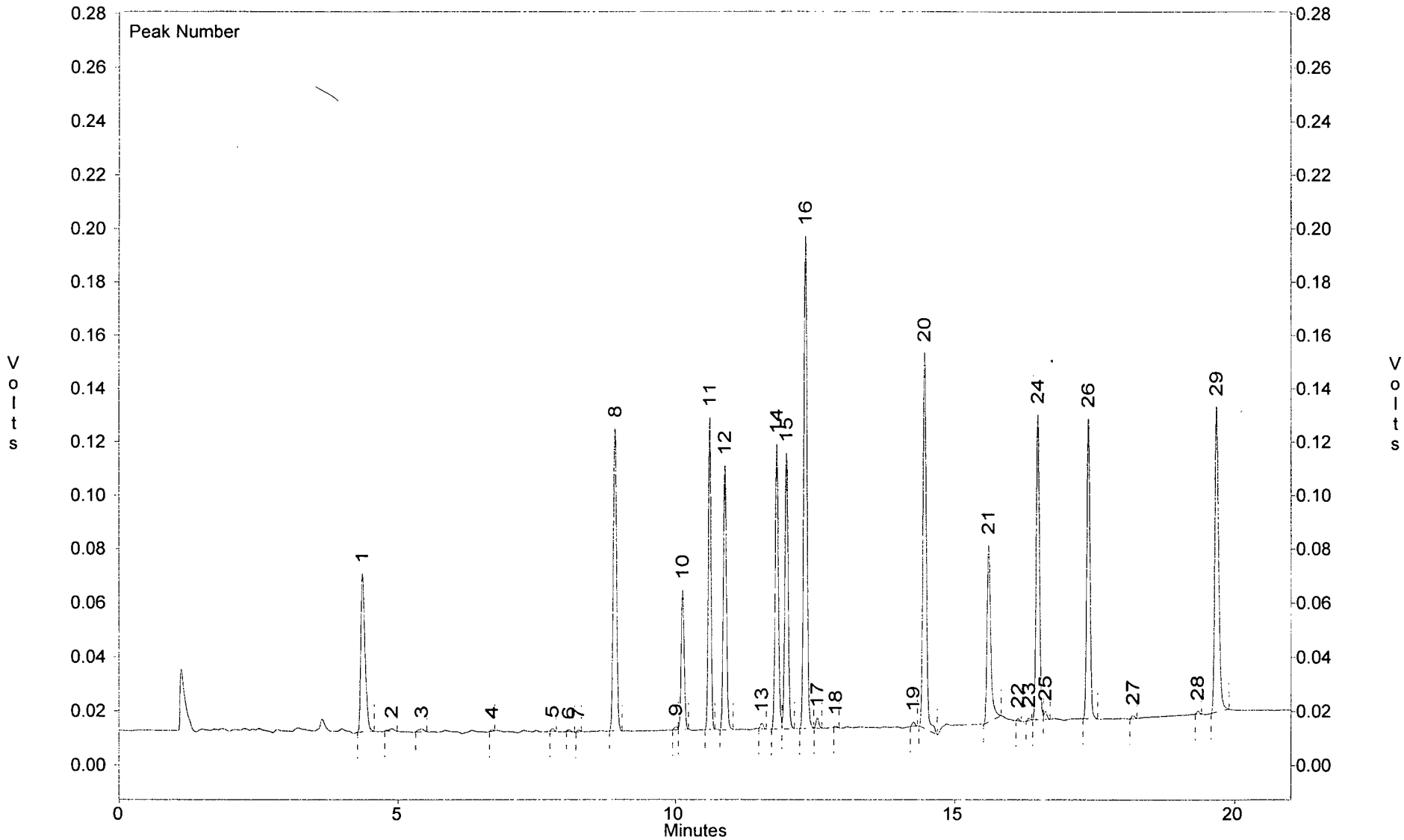
Channel B Results

PEAK #	COMPOUND	RT	AREA
2		4.89	9418
3		5.38	8729

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\INDBH01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDbh01
Acquired : Sep 05, 1994 12:00:50
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBH01 -- Channel B



0936

File : C:\EZCHROM\CHROM\EC1CLP\INDBH01
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDbhO1
Acquired : Sep 05, 1994 12:00:50
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	316030	68.54
4	alpha BHC	6.69	2109	0.44
5	gamma BHC	7.77	3061	0.62
7	HEPTACHLOR	8.24	2264	0.44
8	ALDRIN	8.91	446403	86.25
10	BETA BHC	10.13	193433	97.88
11	DELTA BHC	10.61	397420	109.14
12	HEPTACHLOR EPOXIDE	10.88	380544	89.85
13	ENDOSULFAN I	11.54	6888	1.51
14	gamma CHLORDANE	11.81	417525	86.15
15	alpha CHLORDANE	11.98	409286	94.15
16	P,P' DDE	12.32	728228	188.51
17	DIELDRIN	12.54	12838	3.39
--	ENDRIN	13.06	0	0.00
20	ENDOSULFAN II	14.45	583784	203.26
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
21	ENDRIN ALDEHYDE	15.60	304091	208.25
24	endosulfan sulfate	16.47	456036	197.84
25	methoxychlor	16.61	10806	7.04
26	ENDRIN KETONE	17.38	451428	212.86
29	DCB	19.67	529527	128.48

Channel B Results

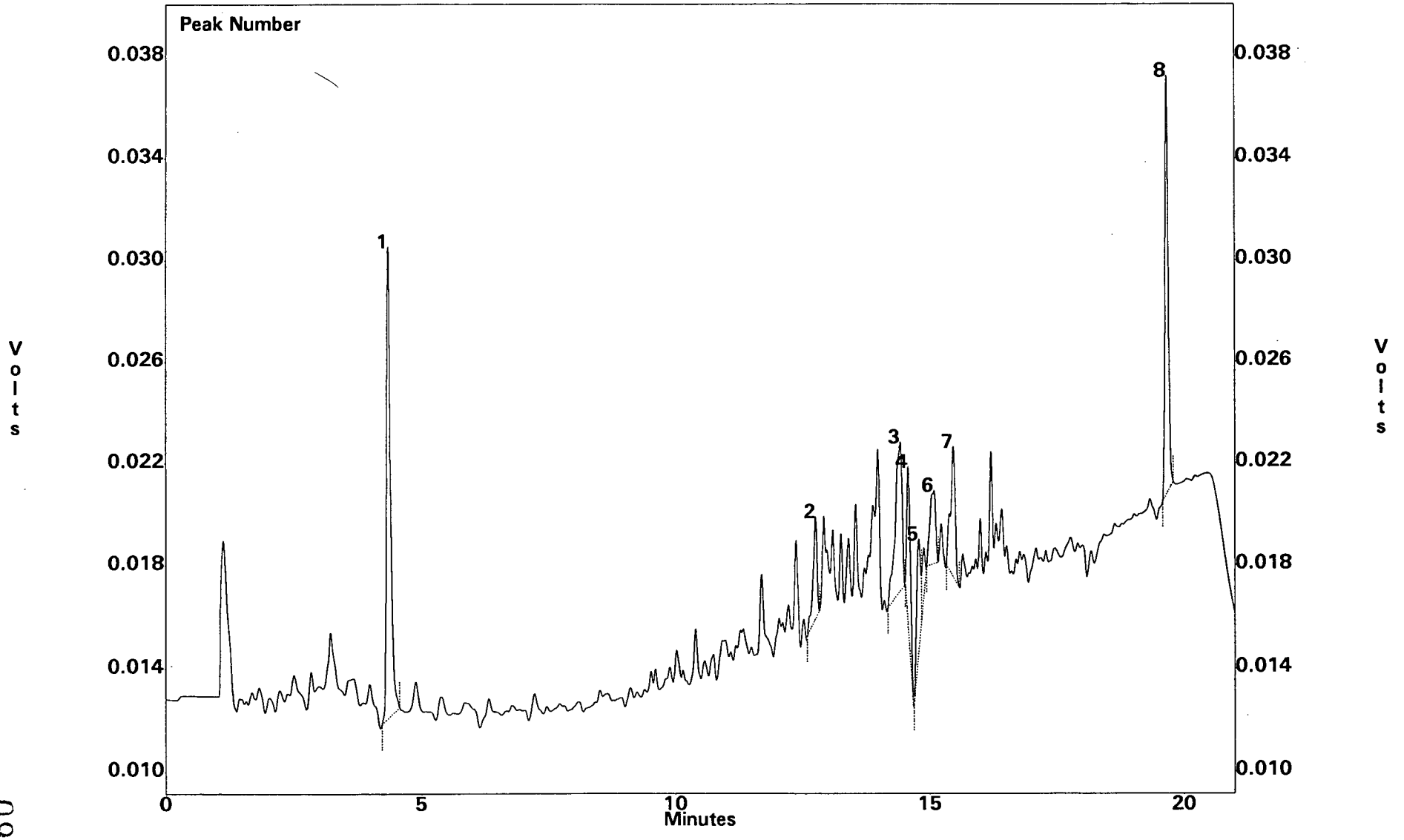
PEAK #	COMPOUND	RT	AREA
2		4.89	5799
3		5.42	6920

Continued...

093

File : C:\EZCHROM\CHROM\EC1\CLP\TOXA01.GC1
Sample ID : TOXA01
Acquired : Sep 05, 1994 09:36:24
User : MB

C:\EZCHROM\CHROM\EC1\CLP\TOXA01.GC1 -- Channel B



0938

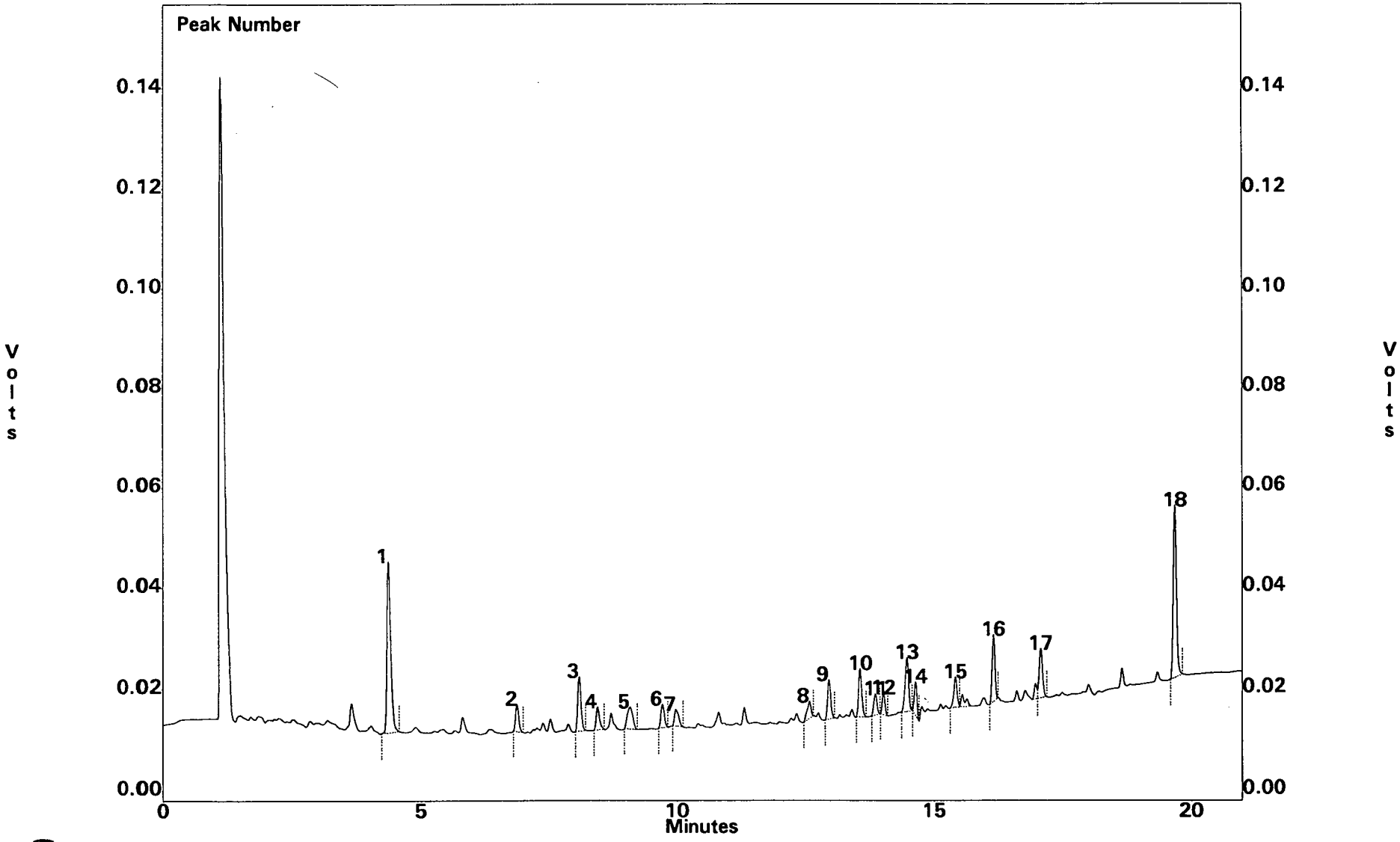
Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.35	101059	21
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
2		12.78	21304	21304
--	ENDRIN	13.06	0	0
3	ENDOSULFAN II	14.43	52340	18
4	P,P' DDD	14.58	30675	11
5	P,P' DDT	14.79	22141	7
6		15.09	22001	22001
7		15.47	32573	32573
--	ENDRIN ALDEHYDE	15.60	0	0
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
--	ENDRIN KETONE	17.38	0	0
8	DCB	19.68	68063	16

0939

File : C:\EZCHROM\CHROM\EC1\CLP\AR1060.GC1
Sample ID : AR1016/126001 AR106001
Acquired : Sep 05, 1994 06:54:57
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1060.GC1 -- Channel B



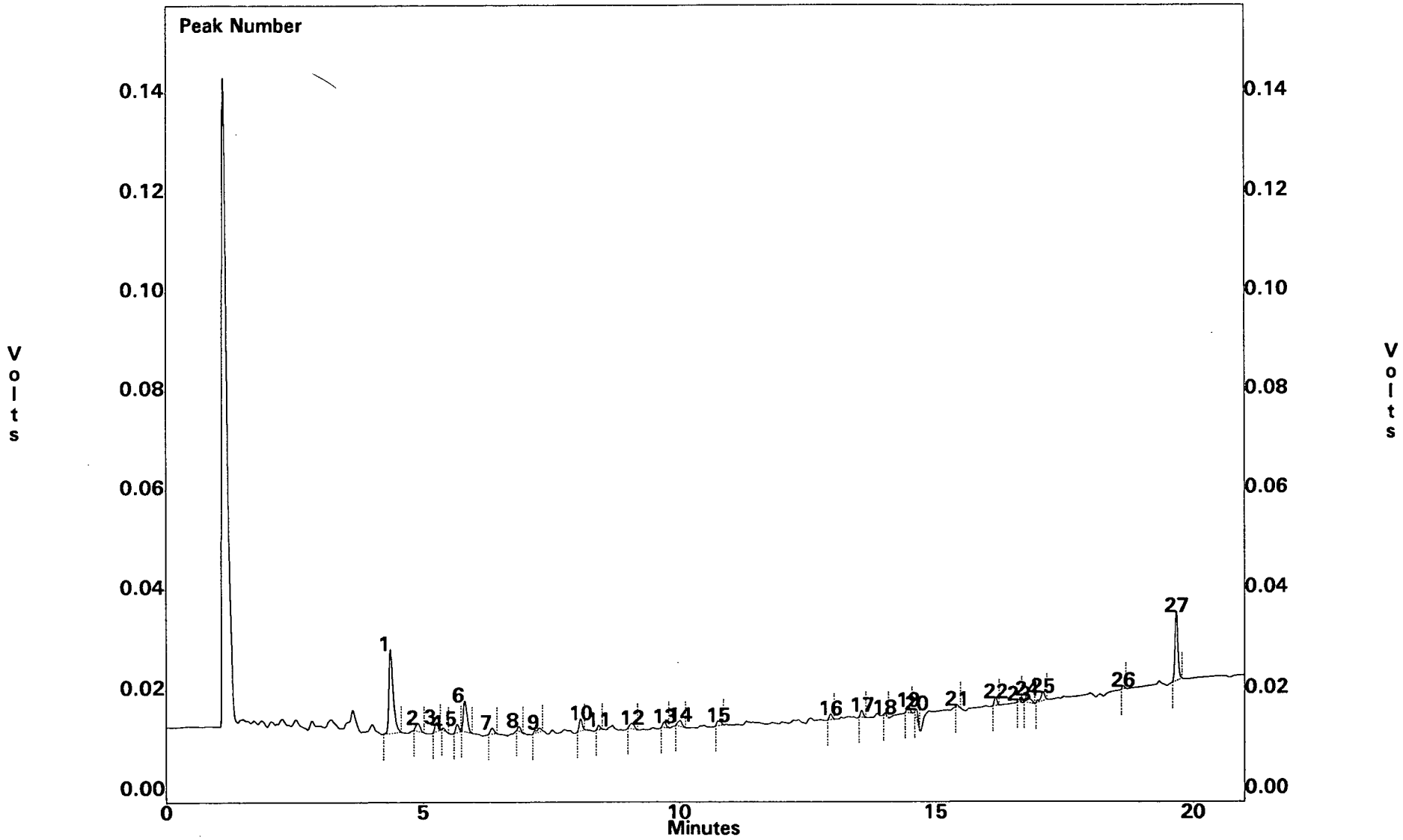
0940

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	174236	37
--	alpha BHC	6.68	0	0
2		6.87	24376	24376
--	gamma BHC	7.77	0	0
3		8.07	46567	46567
--	HEPTACHLOR	8.23	0	0
4		8.44	20603	20603
--	ALDRIN	8.90	0	0
5		9.08	31843	31843
6		9.72	22049	22049
7		9.98	19040	19040
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
8	DIELDRIN	12.58	16739	4
9	ENDRIN	12.96	31886	24
10		13.56 — use	39790	39790
11		13.86	18360	18360
12		14.02	15320	15320
13	ENDOSULFAN II	14.47	51680	17
--	P,P' DDD	14.47	0	0
14		14.64	22850	22850
--	P,P' DDT	14.86	0	0
15		15.42	26683	26683
--	ENDRIN ALDEHYDE	15.60	0	0
16		16.17 — use	51297	51297
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
17		17.09 — use	44050	44050
--	ENDRIN KETONE	17.38	0	0
18	DCB	19.69	148424	36

File : C:\EZCHROM\CHROM\EC1\CLP\AR1221.GC1
Sample ID : AR122101
Acquired : Sep 05, 1994 07:19:20
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1221.GC1 -- Channel B



0942

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	95662	20
2		4.90	9078	9078
3		5.26	7448	7448
4		5.39	1816	1816
5		5.66	6598	6598
6		5.81	33282	33282
7		6.34	5224	5224
--	alpha BHC	6.68	0	0
8		6.86	4017	4017
9		7.27	5126	5126
--	gamma BHC	7.77	0	0
10		8.07	9825	9825
--	HEPTACHLOR	8.23	0	0
11		8.44	2949	2949
--	ALDRIN	8.90	0	0
12		9.08	6703	6703
13		9.72	5138	5138
14		10.02	7043	7043
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
15	HEPTACHLOR EPOXIDE	10.77	5166	1
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
16	ENDRIN	12.96	3956	3
17		13.56	5105	5105
18		14.01	1544	1544
19	ENDOSULFAN II	14.47	5658	1
--	P,P' DDD	14.47	0	0
20		14.63	6244	6244
--	P,P' DDT	14.86	0	0
21		15.42	1388	1388
--	ENDRIN ALDEHYDE	15.60	0	0
22		16.17	5937	5937

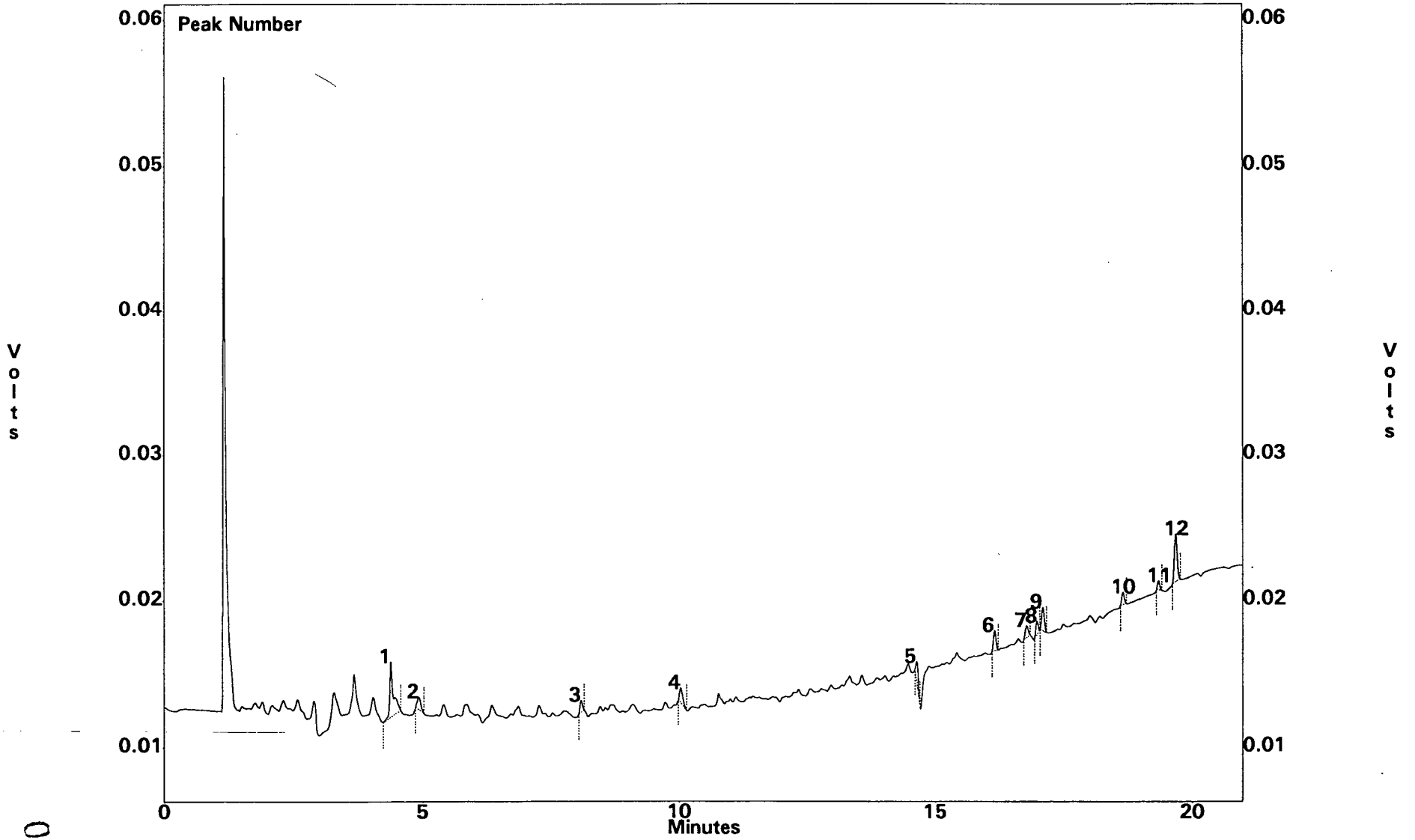
Continued...

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
--	endosulfan sulfate	16.47	0	0
23	methoxychlor	16.64	1457	0
24		16.79	9287	9287
25		17.10	9208	9208
--	ENDRIN KETONE	17.38	0	0
26		18.67	1769	1769
27	DCB	19.69	57103	13

0944

File : C:\EZCHROM\CHROM\EC1\CLP\AR1232.GC1
Sample ID : AR123201
Acquired : Sep 05, 1994 07:44:16
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1232.GC1 -- Channel B



0945

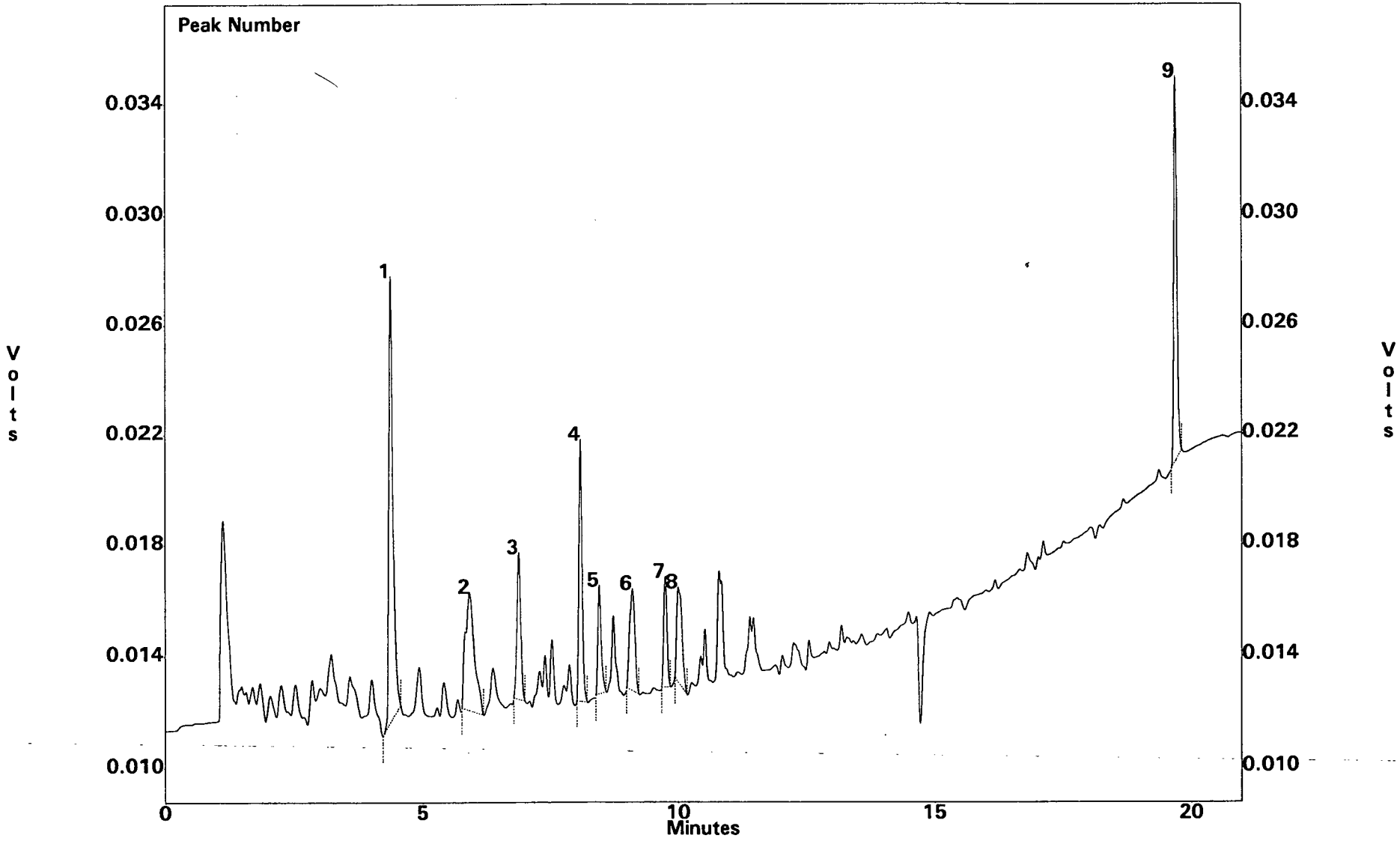
Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.38	19517	4
2		4.93 A	3890	3890
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
3		8.08	2685	2685
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
4	BETA BHC	10.04 A-	4225	2
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
--	ENDRIN	13.06	0	0
--	ENDOSULFAN II	14.45	0	0
--	P,P' DDD	14.47	0	0
5		14.64 +	4633	4633
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
6		16.18	4695	4695
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
7		16.80	2976	2976
8		17.00	2689	2689
9		17.11	5654	5654
--	ENDRIN KETONE	17.38	0	0
10		18.67	2690	2690
11		19.37	1857	1857
12	DCB	19.69	12378	3

0946

File : C:\EZCHROM\CHROM\EC1\CLP\AR1242.GC1
Sample ID : AR124201
Acquired : Sep 05, 1994 08:23:54
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1242.GC1 -- Channel B



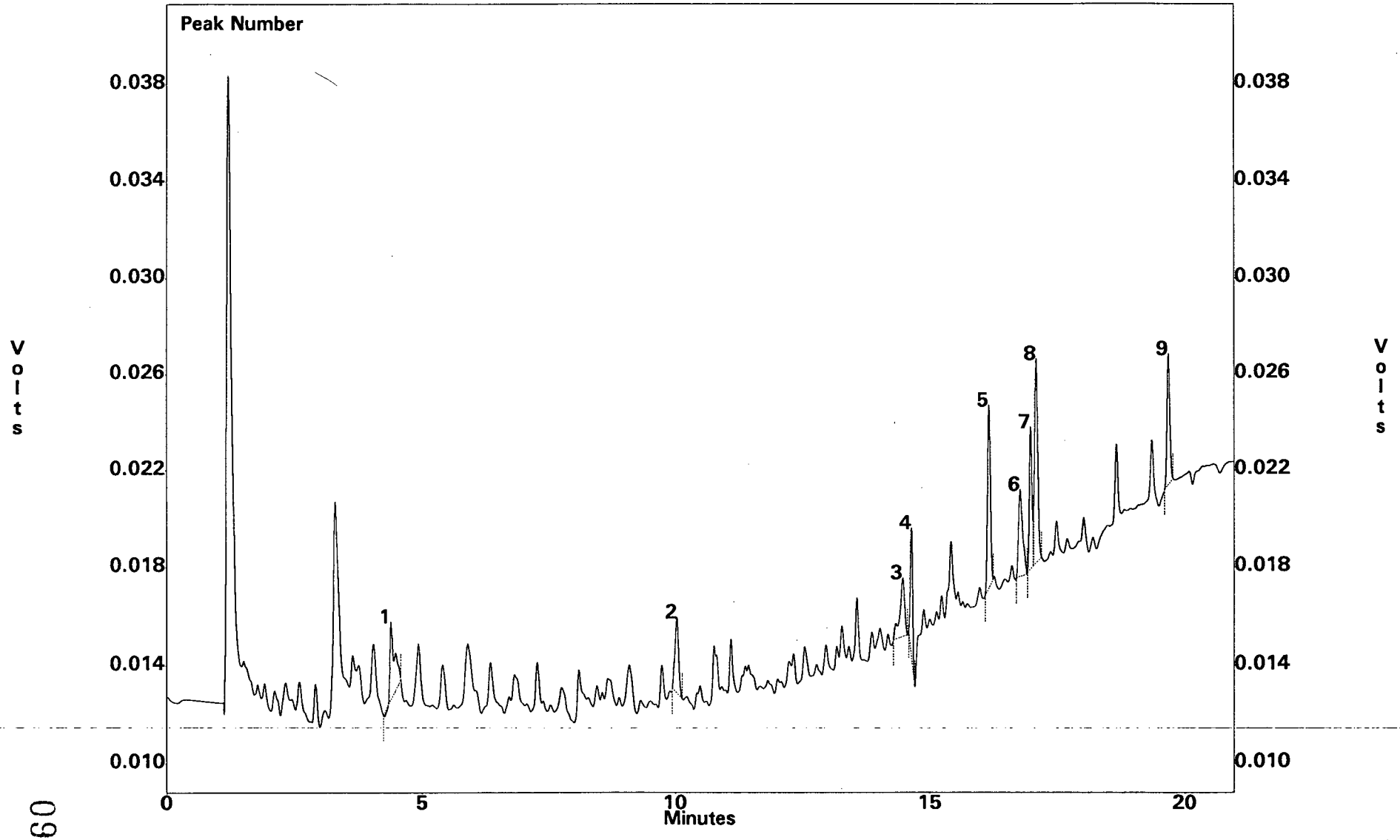
0947

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.38	90689	19
2		5.92	50797	50797
--	alpha BHC	6.68	0	0
3		6.89	26177	26177
--	gamma BHC	7.77	0	0
4		8.10	41855	41855
--	HEPTACHLOR	8.23	0	0
5		8.47	17955	17955
--	ALDRIN	8.90	0	0
6		9.11	26322	26322
7		9.75	17922	17922
8		10.00	24115	24115
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
--	ENDRIN	13.06	0	0
--	ENDOSULFAN II	14.45	0	0
--	P,P' DDD	14.47	0	0
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
--	ENDRIN KETONE	17.38	0	0
9	DCB	19.71	57002	13

File : C:\EZCHROM\CHROM\EC1\CLP\AR1248.GC1
Sample ID : AR124801
Acquired : Sep 05, 1994 08:48:08
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1248.GC1 -- Channel B



0949

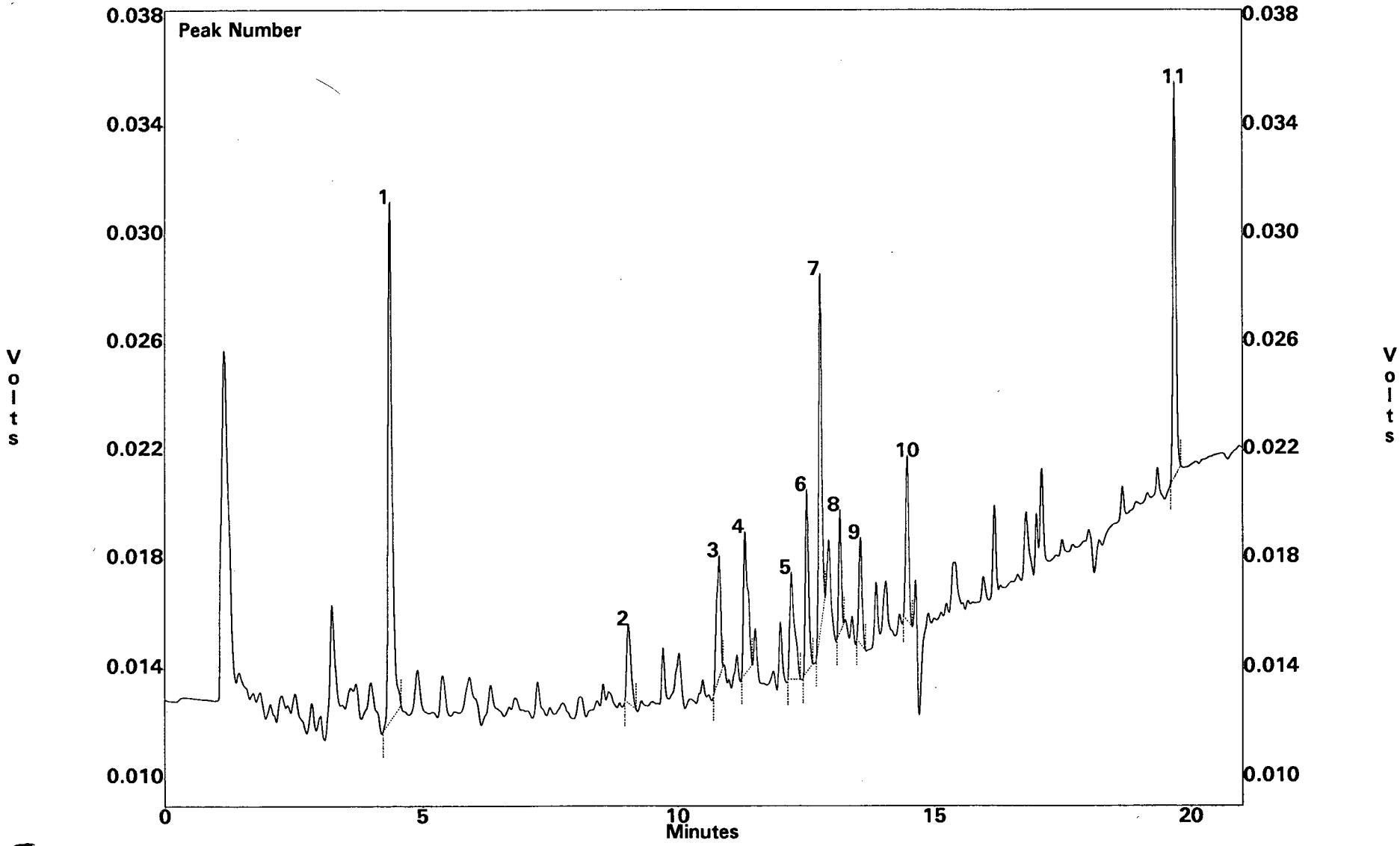
Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.39	18666	4
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
2	BETA BHC	10.03	16038	8
--	DELTA BHC	10.61	0	0
--	HEPTACHLOR EPOXIDE	10.88	0	0
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
--	P,P' DDE	12.31	0	0
--	DIELDRIN	12.53	0	0
--	ENDRIN	13.06	0	0
3	ENDOSULFAN II	14.47	15457	5
4		14.65	18042	18042
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
5		16.18	29459	29459
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
6		16.80	19539	19539
7		17.00	22035	22035
8		17.11	35242	35242
--	ENDRIN KETONE	17.38	0	0
9	DCB	19.69	21147	5

0950

File : C:\EZCHROM\CHROM\EC1\CLP\AR1254.GC1
Sample ID : AR125401
Acquired : Sep 05, 1994 09:12:16
User : MB

C:\EZCHROM\CHROM\EC1\CLP\AR1254.GC1 -- Channel B



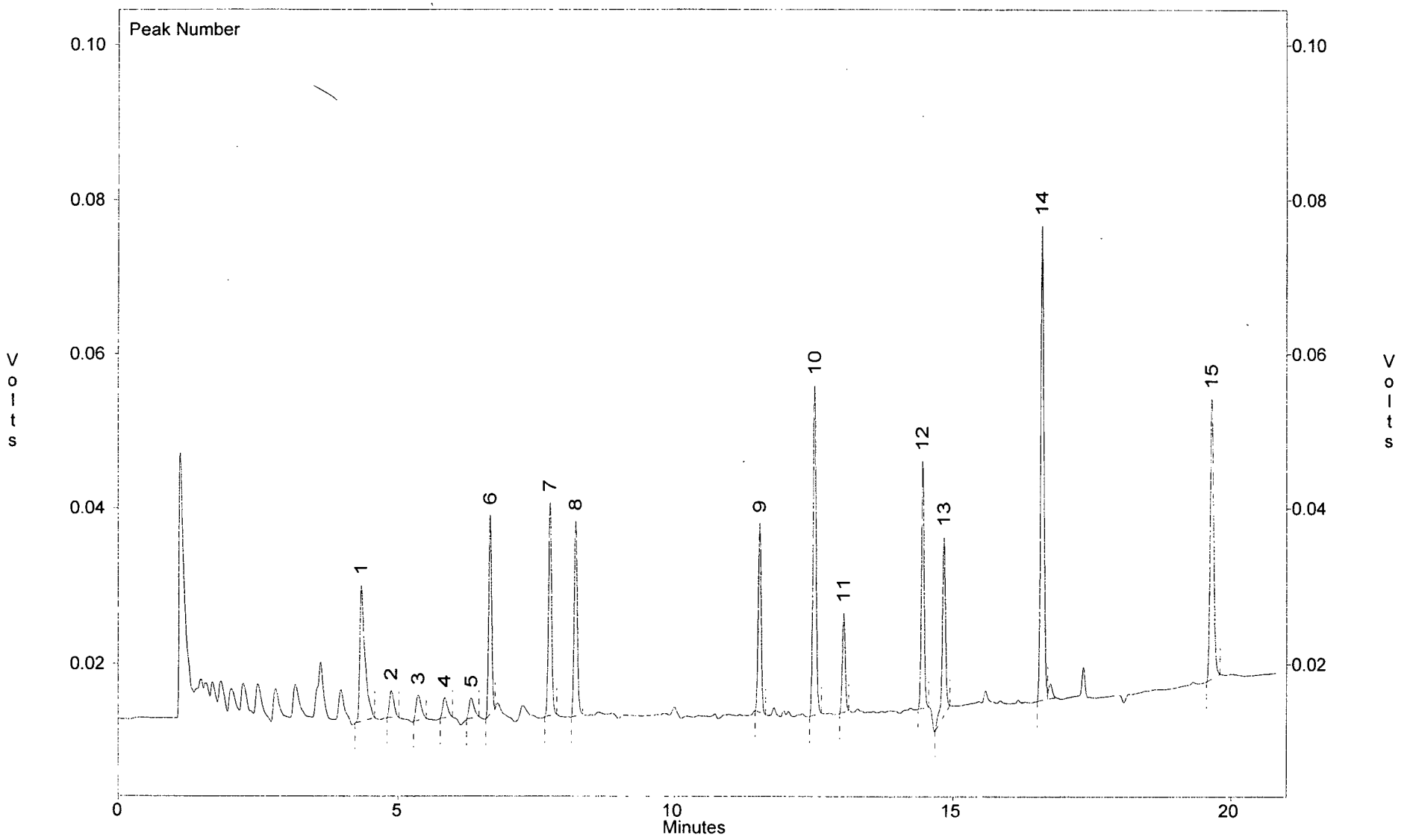
0951

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	103051	22
--	alpha BHC	6.68	0	0
--	gamma BHC	7.77	0	0
--	HEPTACHLOR	8.23	0	0
--	ALDRIN	8.90	0	0
2		9.04	16744	16744
--	BETA BHC	10.12	0	0
--	DELTA BHC	10.61	0	0
3	HEPTACHLOR EPOXIDE	10.82	25208	5
4		11.32	29559	29559
--	ENDOSULFAN I	11.54	0	0
--	gamma CHLORDANE	11.81	0	0
--	alpha CHLORDANE	11.98	0	0
5	P,P' DDE	12.23	24397	6
6	DIELDRIN	12.53	28615	7
7		12.79	56057	56057
8	ENDRIN	13.17	16110	12
9		13.56	16057	16057
10	ENDOSULFAN II	14.47	25593	8
--	P,P' DDD	14.47	0	0
--	P,P' DDT	14.86	0	0
--	ENDRIN ALDEHYDE	15.60	0	0
--	endosulfan sulfate	16.47	0	0
--	methoxychlor	16.62	0	0
--	ENDRIN KETONE	17.38	0	0
11	DCB	19.69	60187	14

File : C:\EZCHROM\CHROM\EC1CLP\INDAM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM02
Acquired : Sep 05, 1994 21:46:17
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAM02 -- Channel B



0953

File : C:\EZCHROM\CHROM\EC1CLP\INDAM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM02
Acquired : Sep 05, 1994 21:46:17
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.34	111396	24.16
6	alpha BHC	6.67	92220	19.23
7	gamma BHC	7.76	101353	20.68
8	HEPTACHLOR	8.22	99163	19.13
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
9	ENDOSULFAN I	11.53	90727	19.85
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
10	DIELDRIN	12.52	156887	41.40
11	ENDRIN	13.05	44490	34.57
--	ENDOSULFAN II	14.45	0	0.00
12	P,P' DDD	14.46	112526	41.73
13	P,P' DDT	14.84	93905	30.82
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
14	methoxychlor	16.60	246364	160.57
--	ENDRIN KETONE	17.38	0	0.00
15	DCB	19.65	156951	38.08

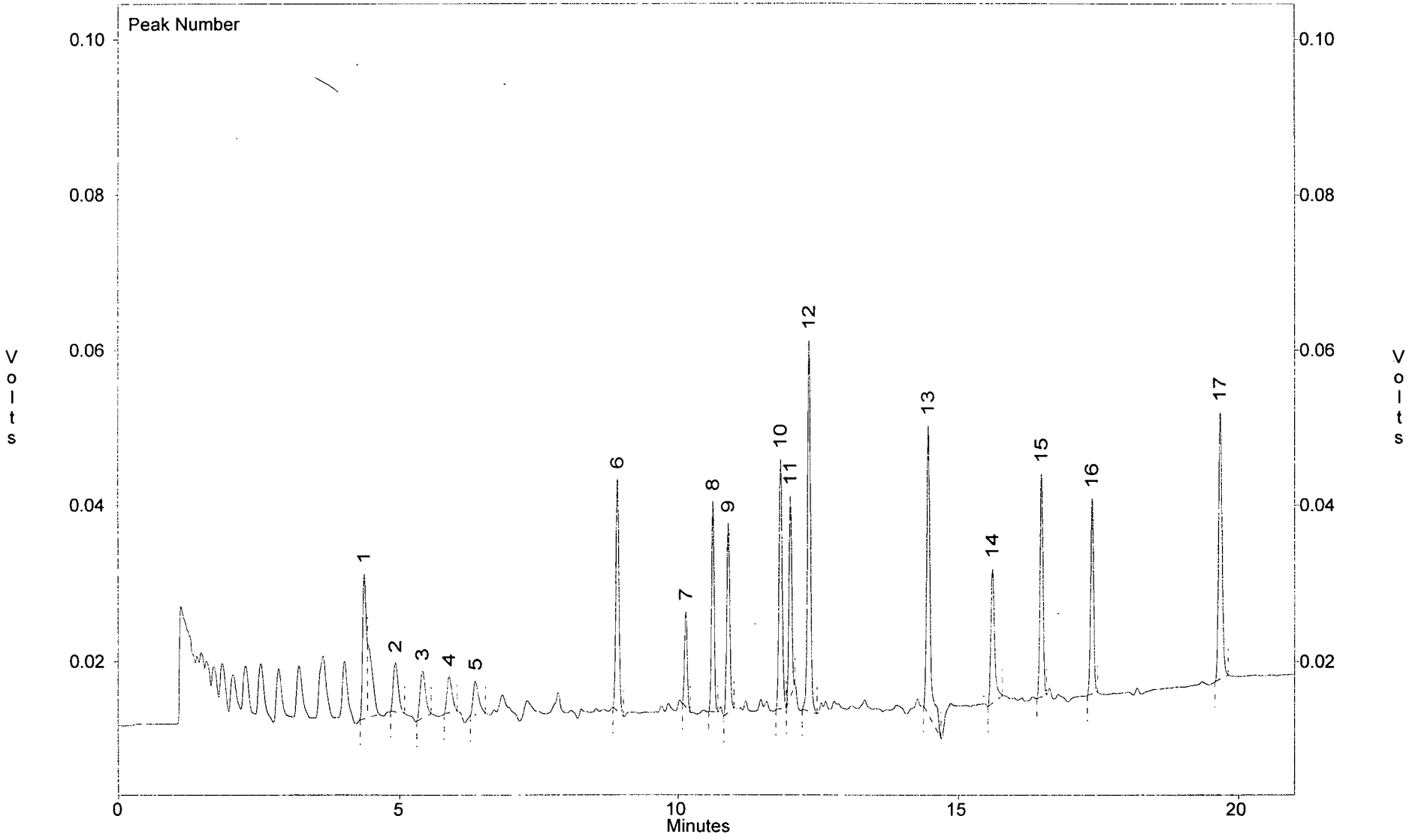
Channel B Results

PEAK #	COMPOUND	RT	AREA
2		4.88	19363
3		5.37	20071

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\INDBM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBM02
Acquired : Sep 05, 1994 22:20:51
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBM02 -- Channel B



0955

File : C:\EZCHROM\CHROM\EC1CLP\INDBM02
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBM02
Acquired : Sep 05, 1994 22:20:51
User : mb

Channel B Results

PEAK # NG/ML	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.37	85721	18.59
--	alpha BHC	6.68	0	0.00
--	gamma BHC	7.77	0	0.00
--	HEPTACHLOR	8.23	0	0.00
6	ALDRIN	8.92	110414	21.33
7	BETA BHC	10.14	41442	20.97
8	DELTA BHC	10.62	86236	23.68
9	HEPTACHLOR EPOXIDE	10.89	89813	21.20
--	ENDOSULFAN I	11.54	0	0.00
10	gamma CHLORDANE	11.81	121200	25.01
11	alpha CHLORDANE	11.99	90437	20.80
12	P,P' DDE	12.32	178786	46.28
--	DIELDRIN	12.53	0	0.00
--	ENDRIN	13.06	0	0.00
13	ENDOSULFAN II	14.46	165853	57.75
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
14	ENDRIN ALDEHYDE	15.61	76071	52.10
15	endosulfan sulfate	16.47	107807	46.77
--	methoxychlor	16.62	0	0.00
16	ENDRIN KETONE	17.38	92744	43.73
17	DCB	19.67	149039	36.16

Channel B Results

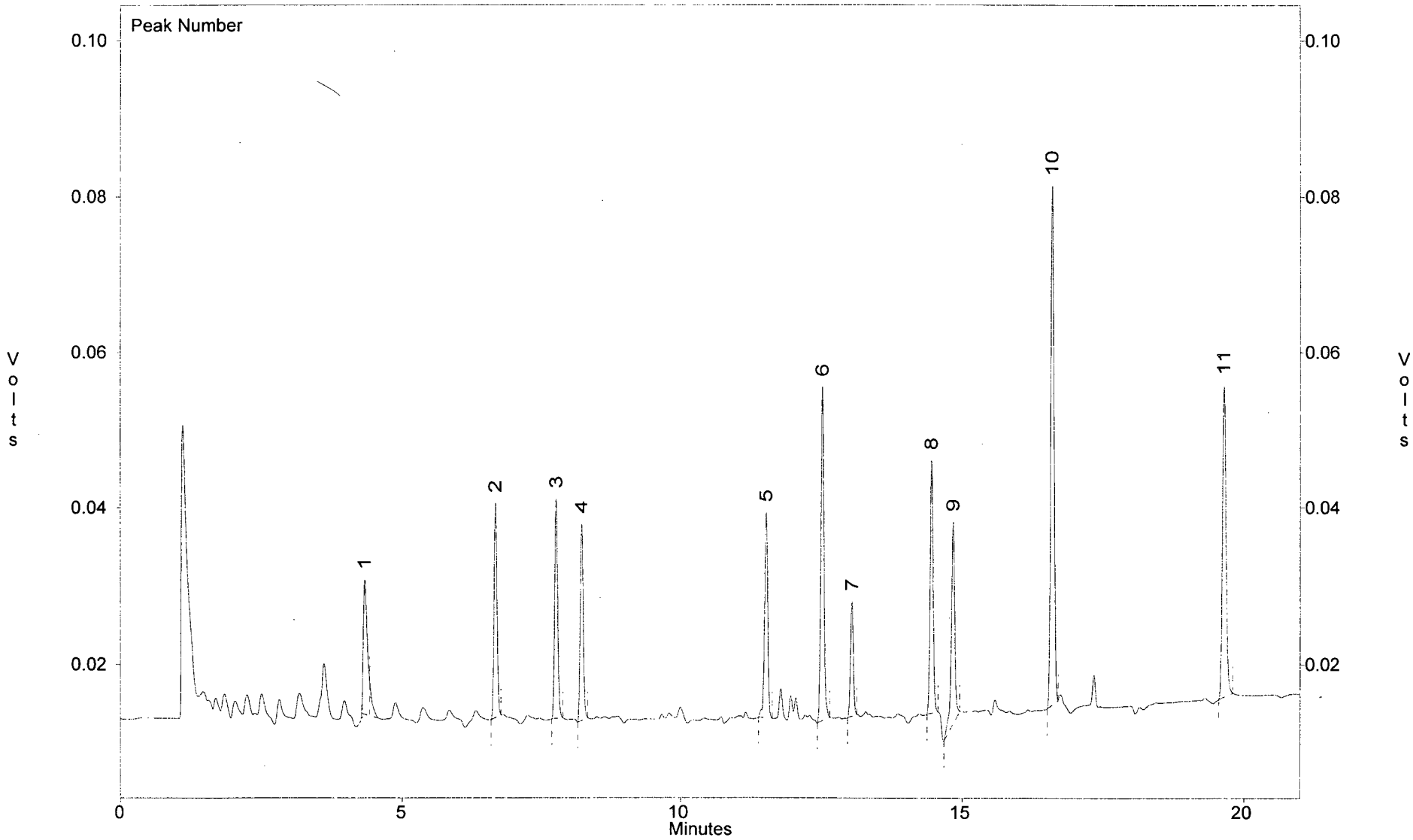
PEAK #	COMPOUND	RT	AREA
2		4.93	38735
3		5.41	38873

Continued...

0956

File : C:\EZCHROM\CHROM\EC1CLP\INDAM03
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : indam03
Acquired : Sep 06, 1994 21:31:31
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAM03 -- Channel B



0957

File : C:\EZCHROM\CHROM\EC1CLP\INDAM03
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : indam03
Acquired : Sep 06, 1994 21:31:31
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.34	83529	18.12
2	alpha BHC	6.67	100919	21.05
3	gamma BHC	7.76	103176	21.06
4	HEPTACHLOR	8.22	98851	19.07
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
5	ENDOSULFAN I	11.52	101721	22.26
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
6	DIELDRIN	12.52	160492	42.35
7	ENDRIN	13.04	51682	40.16
8	P,P' DDD	14.45	116736	43.29
9	P,P' DDT	14.84	107778	35.37
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
10	methoxychlor	16.60	267398	174.28
--	ENDRIN KETONE	17.38	0	0.00
11	DCB	19.65	174433	42.32

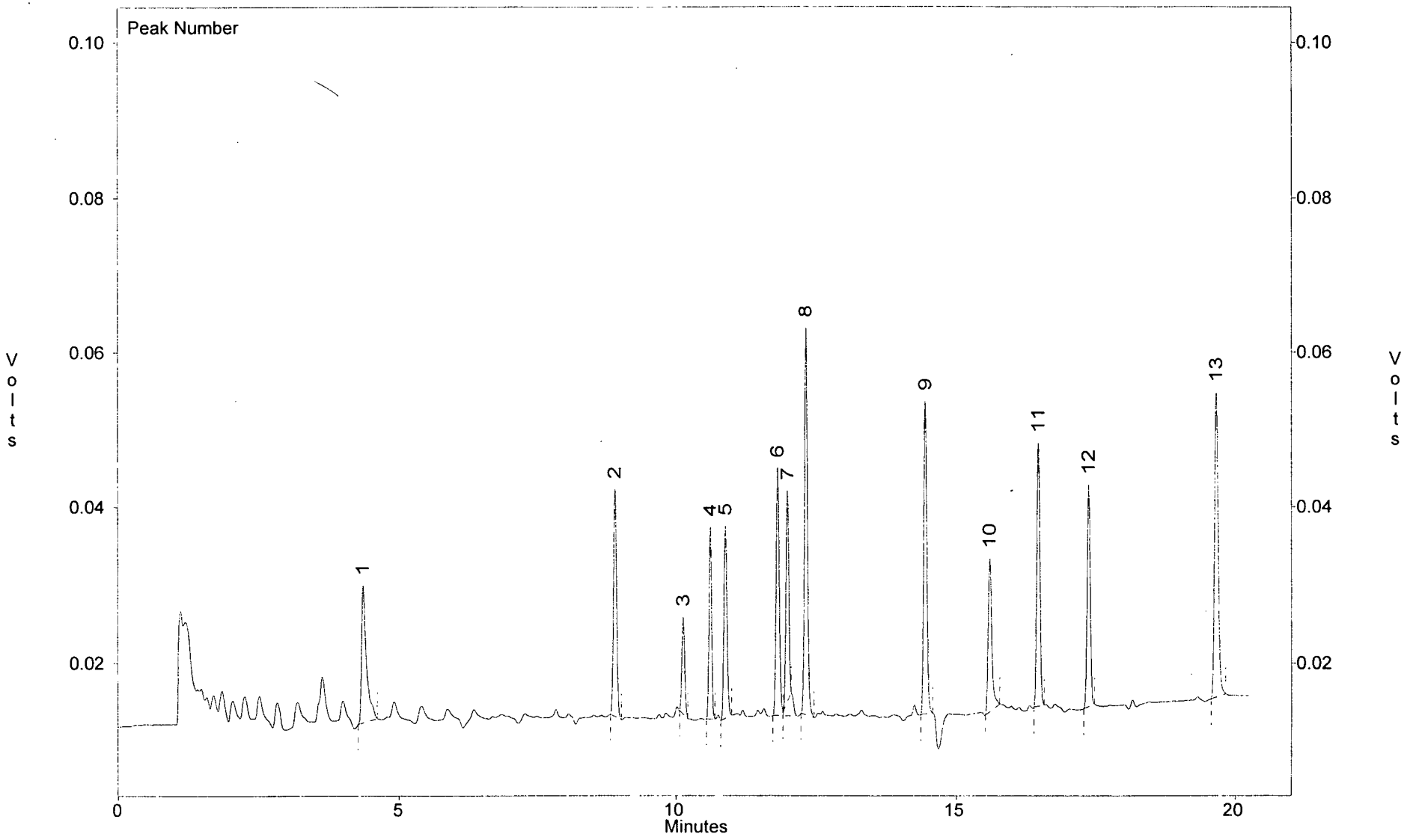
Channel B Results

PEAK #	COMPOUND	RT	AREA

0958

File : C:\EZCHROM\CHROM\EC1CLP\INDBM03
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : indbm03
Acquired : Sep 06, 1994 22:07:44
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBM03 -- Channel B



0959

File : C:\EZCHROM\CHROM\EC1CLP\INDBM03
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : indbm03
Acquired : Sep 06, 1994 22:07:44
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.36	107340	23.28
--	alpha BHC	6.68	0	0.00
--	gamma BHC	7.77	0	0.00
--	HEPTACHLOR	8.23	0	0.00
2	ALDRIN	8.91	109174	21.09
3	BETA BHC	10.13	41712	21.11
4	DELTA BHC	10.61	77749	21.35
5	HEPTACHLOR EPOXIDE	10.88	92541	21.85
--	ENDOSULFAN I	11.54	0	0.00
6	gamma CHLORDANE	11.81	121505	25.07
7	alpha CHLORDANE	11.98	94746	21.79
8	P,P' DDE	12.31	183738	47.56
--	DIELDRIN	12.53	0	0.00
--	ENDRIN	13.06	0	0.00
9	ENDOSULFAN II	14.45	153341	53.39
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
10	ENDRIN ALDEHYDE	15.60	86571	59.29
11	endosulfan sulfate	16.47	126410	54.84
--	methoxychlor	16.62	0	0.00
12	ENDRIN KETONE	17.37	105176	49.59
13	DCB	19.66	172893	41.95

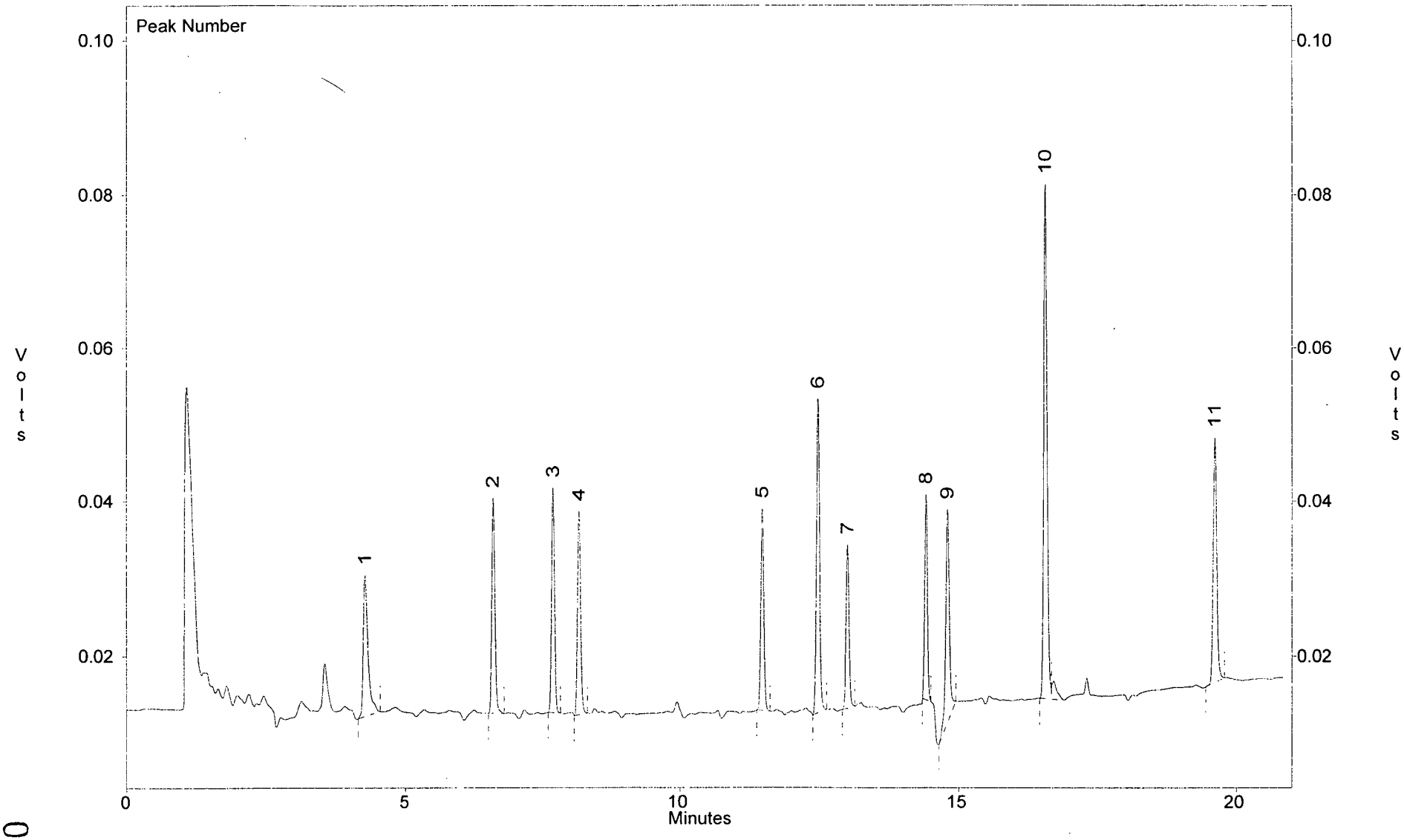
Channel B Results

PEAK #	COMPOUND	RT	AREA

0960

File : C:\EZCHROM\CHROM\EC1CLP\INDAM04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM04
Acquired : Sep 13, 1994 19:13:27
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDAM04 -- Channel B



T960

File : C:\EZCHROM\CHROM\EC1CLP\INDAM04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDAM
Acquired : Sep 13, 1994 19:13:27
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.28	105342	22.85
2	alpha BHC	6.60	108370	22.60
3	gamma BHC	7.69	105837	21.60
4	HEPTACHLOR	8.16	106925	20.62
--	ALDRIN	8.90	0	0.00
--	BETA BHC	10.12	0	0.00
--	DELTA BHC	10.61	0	0.00
--	HEPTACHLOR EPOXIDE	10.88	0	0.00
5	ENDOSULFAN I	11.48	100411	21.97
--	gamma CHLORDANE	11.81	0	0.00
--	alpha CHLORDANE	11.98	0	0.00
--	P,P' DDE	12.31	0	0.00
6	DIELDRIN	12.47	154419	40.75
7	ENDRIN	13.00	78424	60.93
--	ENDOSULFAN II	14.40	0	0.00
8	P,P' DDD	14.41	90735	33.65
9	P,P' DDT	14.79	118929	39.03
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
10	methoxychlor	16.56	280173	182.60
--	ENDRIN KETONE	17.38	0	0.00
11	DCB	19.61	139972	33.96

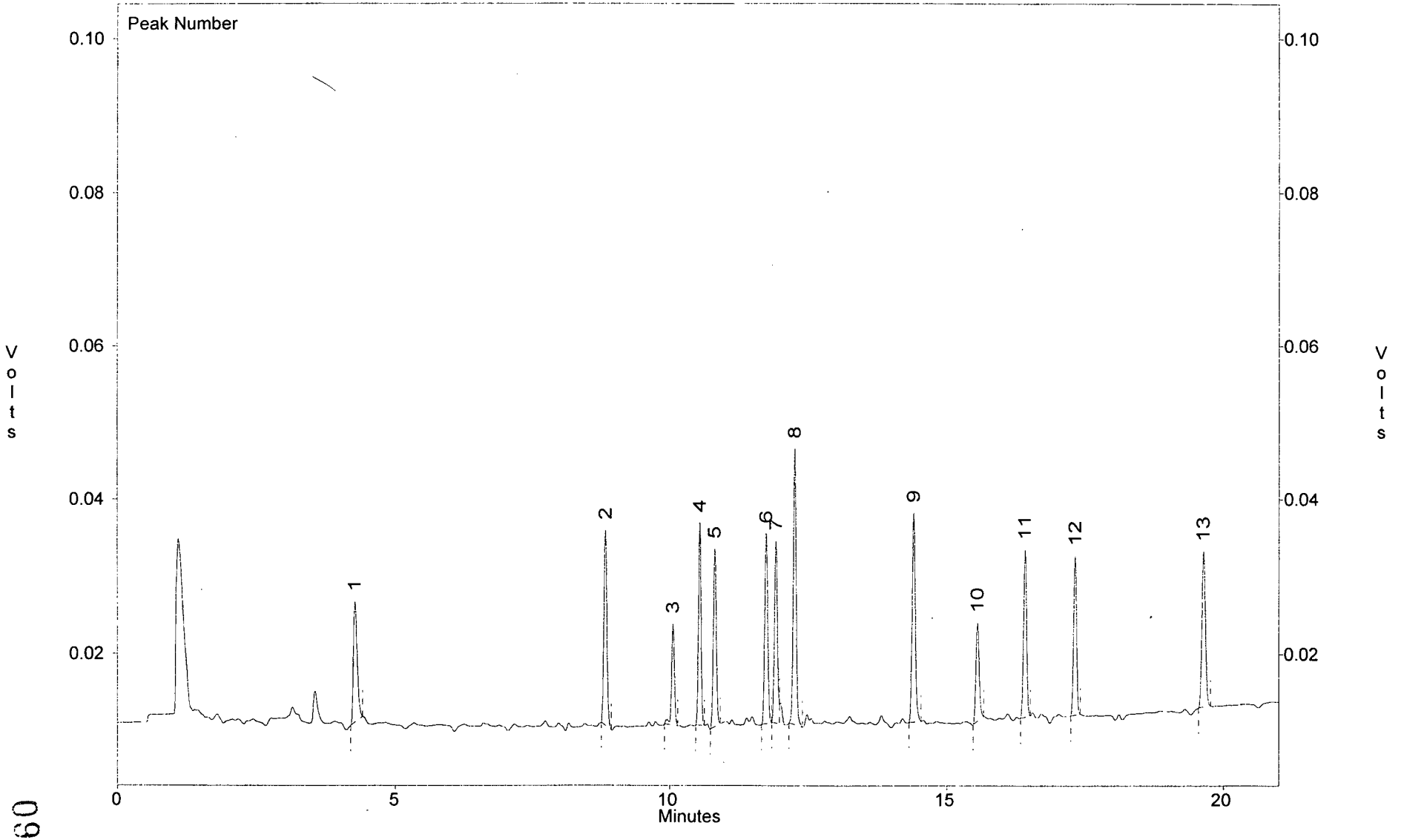
Channel B Results

PEAK #	COMPOUND	RT	AREA

0962

File : C:\EZCHROM\CHROM\EC1CLP\INDBM04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBM04
Acquired : Sep 13, 1994 19:37:48
User : mb

C:\EZCHROM\CHROM\EC1CLP\INDBM04 -- Channel B



0963

File : C:\EZCHROM\CHROM\EC1CLP\INDBM04
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : INDBM04
Acquired : Sep 13, 1994 19:37:48
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.27	71632	15.54
--	alpha BHC	6.68	0	0.00
--	gamma BHC	7.77	0	0.00
--	HEPTACHLOR	8.23	0	0.00
2	ALDRIN	8.83	92641	17.90
3	BETA BHC	10.06	47063	23.81
4	DELTA BHC	10.54	83331	22.89
5	HEPTACHLOR EPOXIDE	10.81	83766	19.78
--	ENDOSULFAN I	11.54	0	0.00
6	gamma CHLORDANE	11.74	92184	19.02
7	alpha CHLORDANE	11.92	88337	20.32
8	P,P' DDE	12.26	131493	34.04
--	DIELDRIN	12.53	0	0.00
--	ENDRIN	13.06	0	0.00
9	ENDOSULFAN II	14.40	106563	37.10
--	P,P' DDD	14.47	0	0.00
--	P,P' DDT	14.86	0	0.00
10	ENDRIN ALDEHYDE	15.56	51557	35.31
11	endosulfan sulfate	16.43	81445	35.33
--	methoxychlor	16.62	0	0.00
12	ENDRIN KETONE	17.34	75995	35.83
13	DCB	19.64	86143	20.90

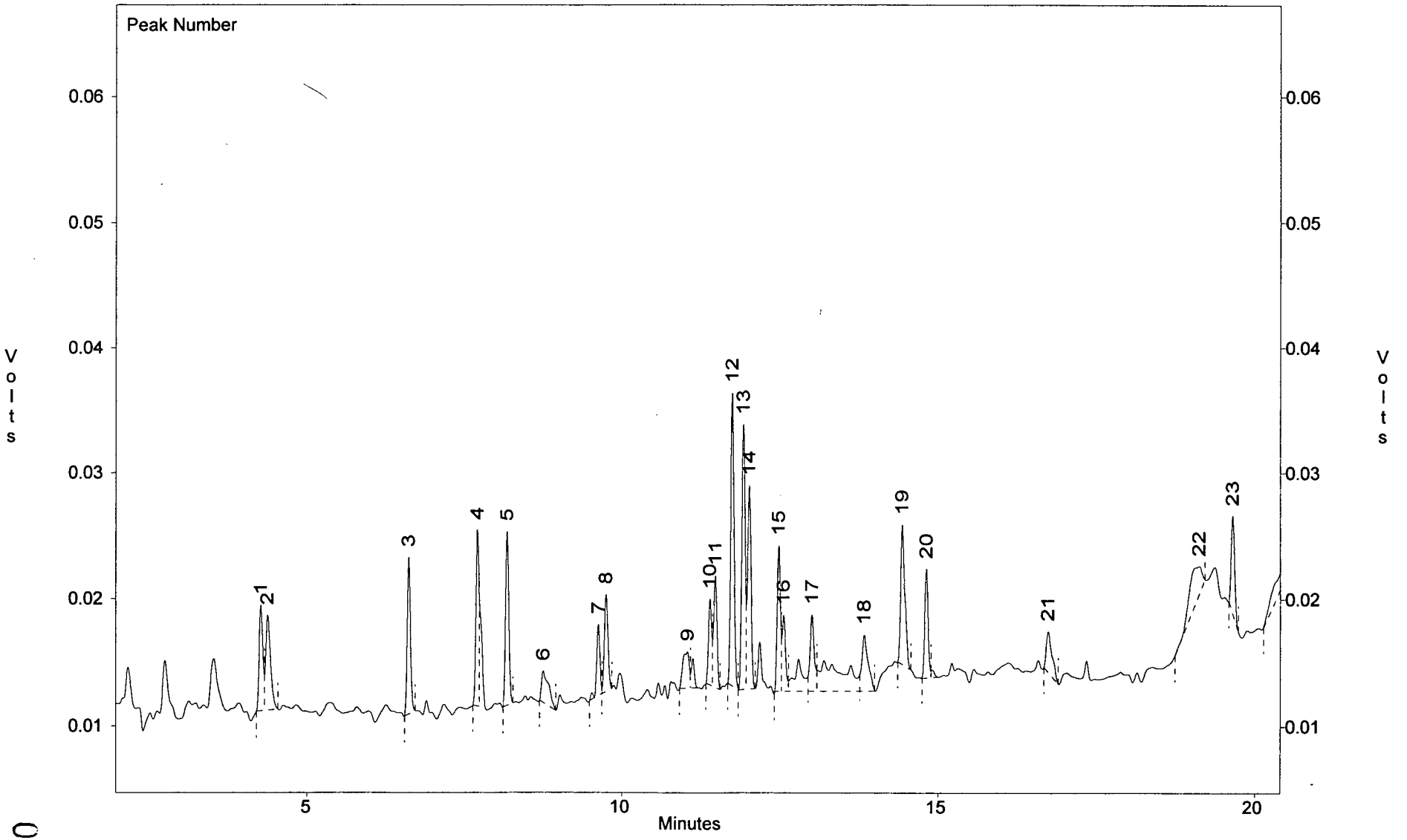
Channel B Results

PEAK #	COMPOUND	RT	AREA

0964

File : C:\EZCHROM\CHROM\EC1CLP\FLORCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : FLORCHK
Acquired : Sep 13, 1994 15:18:20
User : mb

C:\EZCHROM\CHROM\EC1CLP\FLORCHK -- Channel B



0965

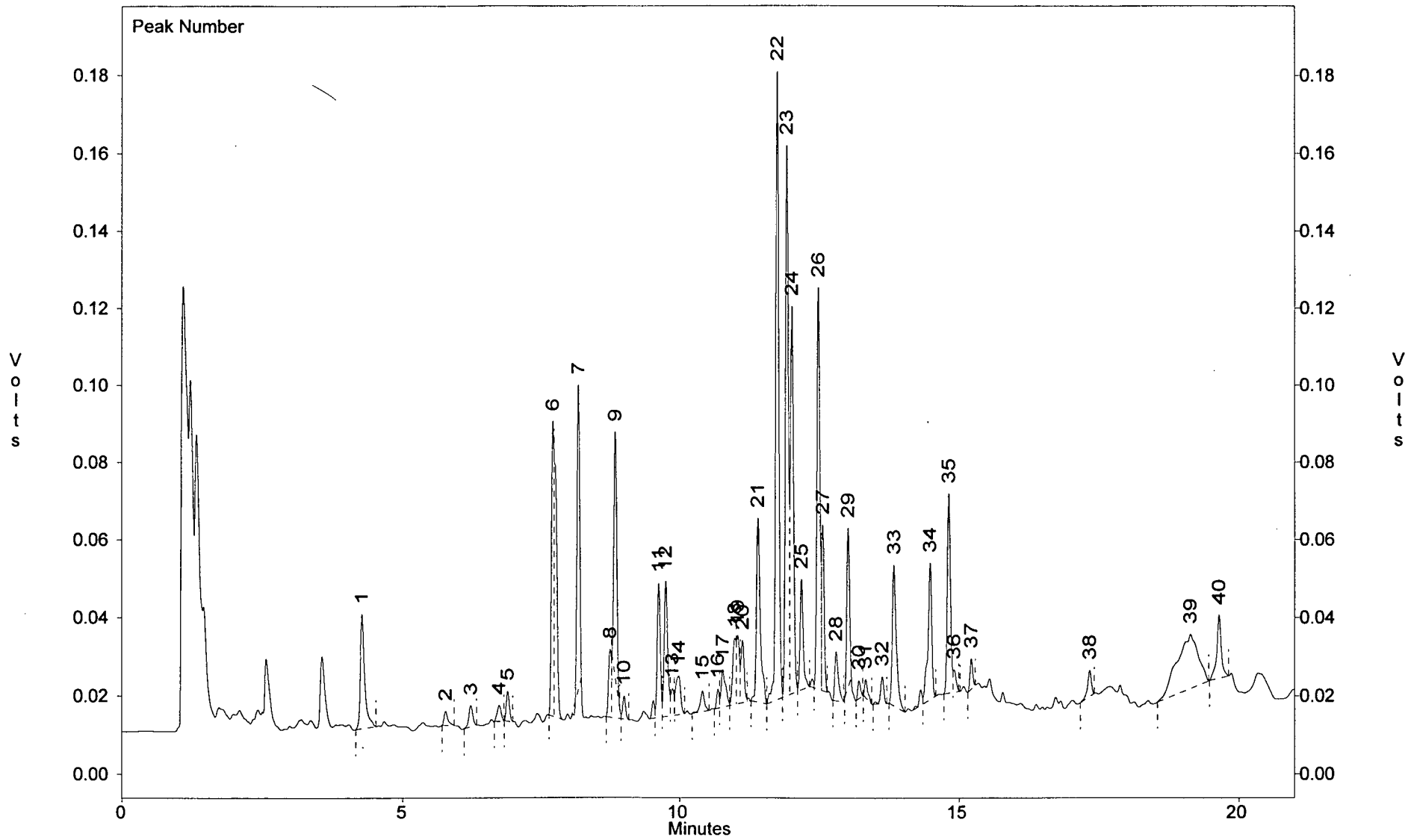
External Standard Report -- Channel
File : C:\EZCHROM\CHROM\EC1CLP\FLORCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : FLORCHK
Acquired : Sep 13, 1994 15:18:20
User : mb

Pkno	Name	Ret. Time	Conc		Area
1	ENDOSULFAN II	0.000	0.000	ng/ml	0
2	TCMX	4.390	8.719	ng/ml	40203
3	alpha BHC	6.613	8.967	ng/ml	43001
4	gamma BHC	7.707	8.960	ng/ml	43905
5	HEPTACHLOR	8.170	9.481	ng/ml	49156
6	ALDRIN	0.000	0.000	ng/ml	0
7	BETA BHC	0.000	0.000	ng/ml	0
8	DELTA BHC	0.000	0.000	ng/ml	0
9	HEPTACHLOR EPOXIDE	0.000	0.000	ng/ml	0
10	ENDOSULFAN I	11.483	7.197	ng/ml	32896
11	gamma CHLORDANE	11.750	17.686	ng/ml	85709
12	alpha CHLORDANE	11.927	17.535	ng/ml	76230
13	P,P' DDE	0.000	0.000	ng/ml	0
14	DIELDRIN	12.483	10.814	ng/ml	40985
15	ENDRIN	13.013	21.589	ng/ml	27786
16	P,P' DDD	14.430	19.056	ng/ml	51385
17	P,P' DDT	14.813	10.221	ng/ml	31141
18	ENDRIN ALDEHYDE	0.000	0.000	ng/ml	0
19	endosulfan sulfate	0.000	0.000	ng/ml	0
20	methoxychlor	0.000	0.000	ng/ml	0
21	ENDRIN KETONE	0.000	0.000	ng/ml	0
22	DCB	19.640	7.121	ng/ml	29348
Totals			147.346		551745

0966

File : C:\EZCHROM\CHROM\EC1CLP\GPCCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : GPCCHK
Acquired : Sep 13, 1994 14:48:19
User : mb

C:\EZCHROM\CHROM\EC1CLP\GPCCHK -- Channel B



0967

File : C:\EZCHROM\CHROM\EC1CLP\GPCCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : GPCCHK
Acquired : Sep 13, 1994 14:48:19
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
1	TCMX	4.27	159913	34.68
4	alpha BHC	6.74	19894	4.15
6	gamma BHC	7.71	223644	45.64
7	HEPTACHLOR	8.17	269441	51.97
9	ALDRIN	8.84	223567	43.20
--	BETA BHC	10.12	0	0.00
16	DELTA BHC	10.69	15786	4.34
17	HEPTACHLOR EPOXIDE	10.77	52825	12.47
21	ENDOSULFAN I	11.40	222956	48.78
22	gamma CHLORDANE	11.75	647810	133.67
23	alpha CHLORDANE	11.92	539610	124.12
25	P,P' DDE	12.19	108494	28.09
26	DIELDRIN	12.48	399205	105.34
29	ENDRIN	13.02	134592	104.57
--	ENDOSULFAN II	14.45	0	0.00
34	P,P' DDD	14.48	166878	61.89
35	P,P' DDT	14.82	217924	71.52
--	ENDRIN ALDEHYDE	15.60	0	0.00
--	endosulfan sulfate	16.47	0	0.00
--	methoxychlor	16.62	0	0.00

Continued...

Channel B Results

PEAK #	COMPOUND	RT	AREA
2		5.78	16943
3		6.23	26138
5		6.89	29409
8		8.75	59362
10		9.00	22092
11		9.63	130301

Continued...

File : C:\EZCHROM\CHROM\EC1CLP\GPCCHK
Method : C:\EZCHROM\METHODS\EC1\EC1CLP.MET
Sample ID : GPCCHK
Acquired : Sep 13, 1994 14:48:19
User : mb

Channel B Results

PEAK # NG/ML-	COMPOUND	RT	AREA	EXTD CONC.
38	ENDRIN KETONE	17.34	30735	14.49
40	DCB	19.64	92967	22.56

0969