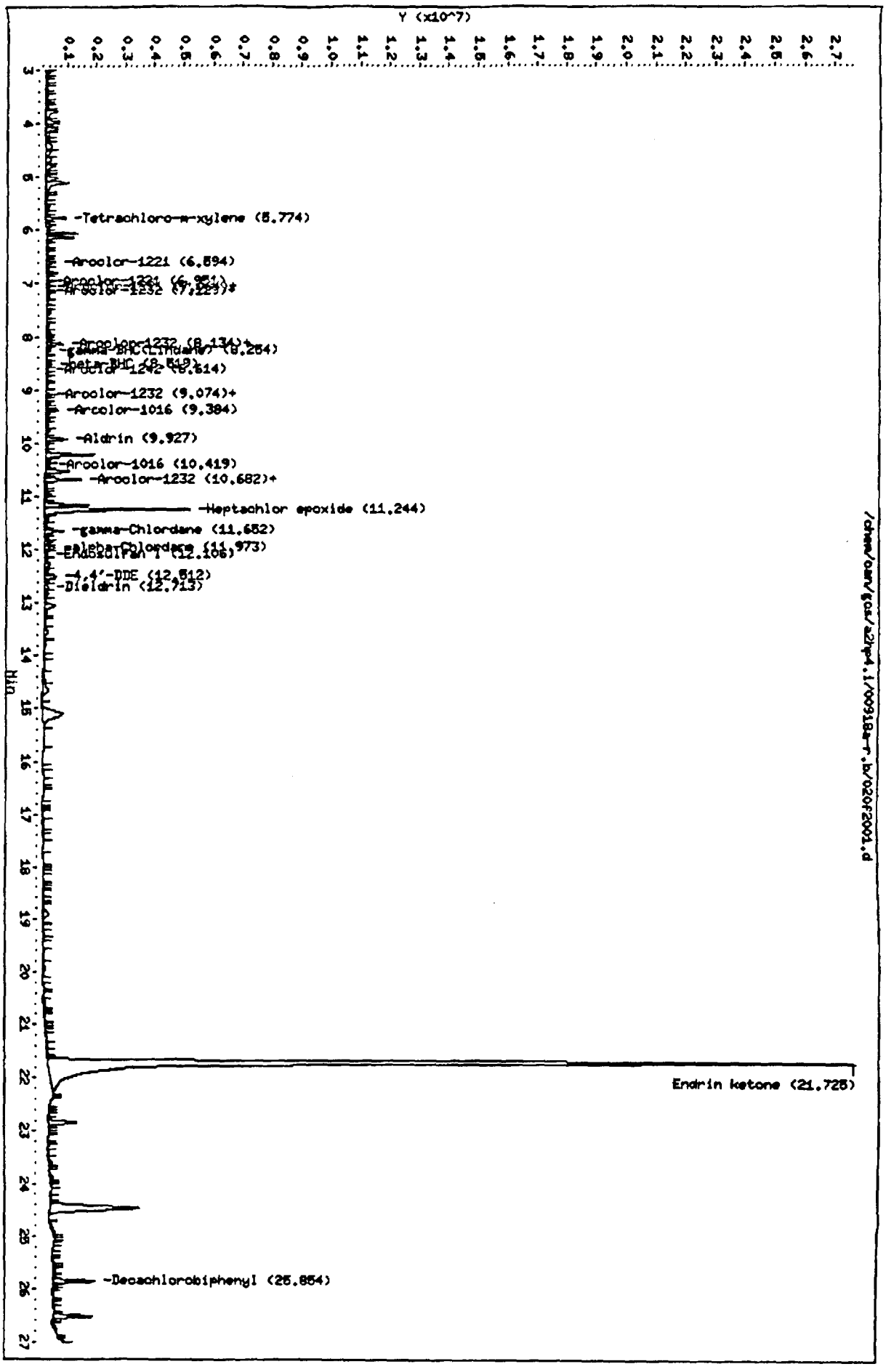
142993

Data File: /chem/oam/gcs/a2hp4.i/00918a-r.b/020f2001.d
Date : 19-SEP-2000 05:36
Client ID: SL49-1
Sample Info: DJR0K101
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL49-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Matrix: (soil/water) SOIL Lab Sample ID: DJR0K201

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 018F1801

% Moisture: 26 decanted: (Y/N) N Date Received: 09/01/00

Extraction: (SepF/Cont/Sonc) SW3550 Date Extracted: 09/21/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/18/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC(Lindane)	2.2	U
76-44-8	Heptachlor	46	P
309-00-2	Aldrin	1.8	JP
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.5	U
72-55-9	4,4'-DDE	4.5	U
72-20-8	Endrin	4.5	U
33213-65-9	Endosulfan II	4.5	U
72-54-8	4,4'-DDD	4.5	U
1031-07-8	Endosulfan sulfate	4.5	U
50-29-3	4,4'-DDT	4.5	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	1.1	U
7421-93-4	Endrin aldehyde	4.5	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.8	
8001-35-2	Toxaphene	220	U

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01017a.b/018f1801.d
Lab Smp Id: DJR0K201 Client Smp ID: SL49-1RE
Inj Date : 18-OCT-2000 04:42
Operator : 001754 Inst ID: a2hp3.i
Smp Info : DJR0K201
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01017a.b/clp30a.m
Meth Date : 01-Nov-2000 22:21 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpuxcs2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.14000	Weight of sample extracted (g)
M	26.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	26911857	0.14827	66	80.00- 120.00	100.00(R)
5 alpha-BHC					CAS #: 319-84-6		
5.416	5.516	-0.100	41607159	0.15494	69	80.00- 120.00	100.00
9 Heptachlor					CAS #: 76-44-8		
7.180	7.280	-0.100	3841478051	17.6567	7900	80.00- 120.00	100.00
10 Aldrin					CAS #: 309-00-2		
7.793	7.893	-0.100	841388	0.00401	1.8	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
12 beta-BHC					CAS #: 319-85-7		
6.423	6.523	-0.100	58454555	0.73082	330	80.00- 120.00	100.00
13 delta-BHC					CAS #: 319-86-8		
6.770	6.870	-0.100	77403075	0.35282	160	80.00- 120.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2		
9.405	9.545	-0.140	1207537	0.00621	2.8	80.00- 120.00	100.00
17 alpha-Chlordane					CAS #: 5103-71-9		
9.690	9.830	-0.140	664491	0.00356	1.6	80.00- 120.00	100.00(a)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	2826192	0.01881	8.4	80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/01017a.b/018f1801.d

Page 3

Date : 18-OCT-2000 04:42

Client ID: SL49-1RE

Instrument: a2hp3.i

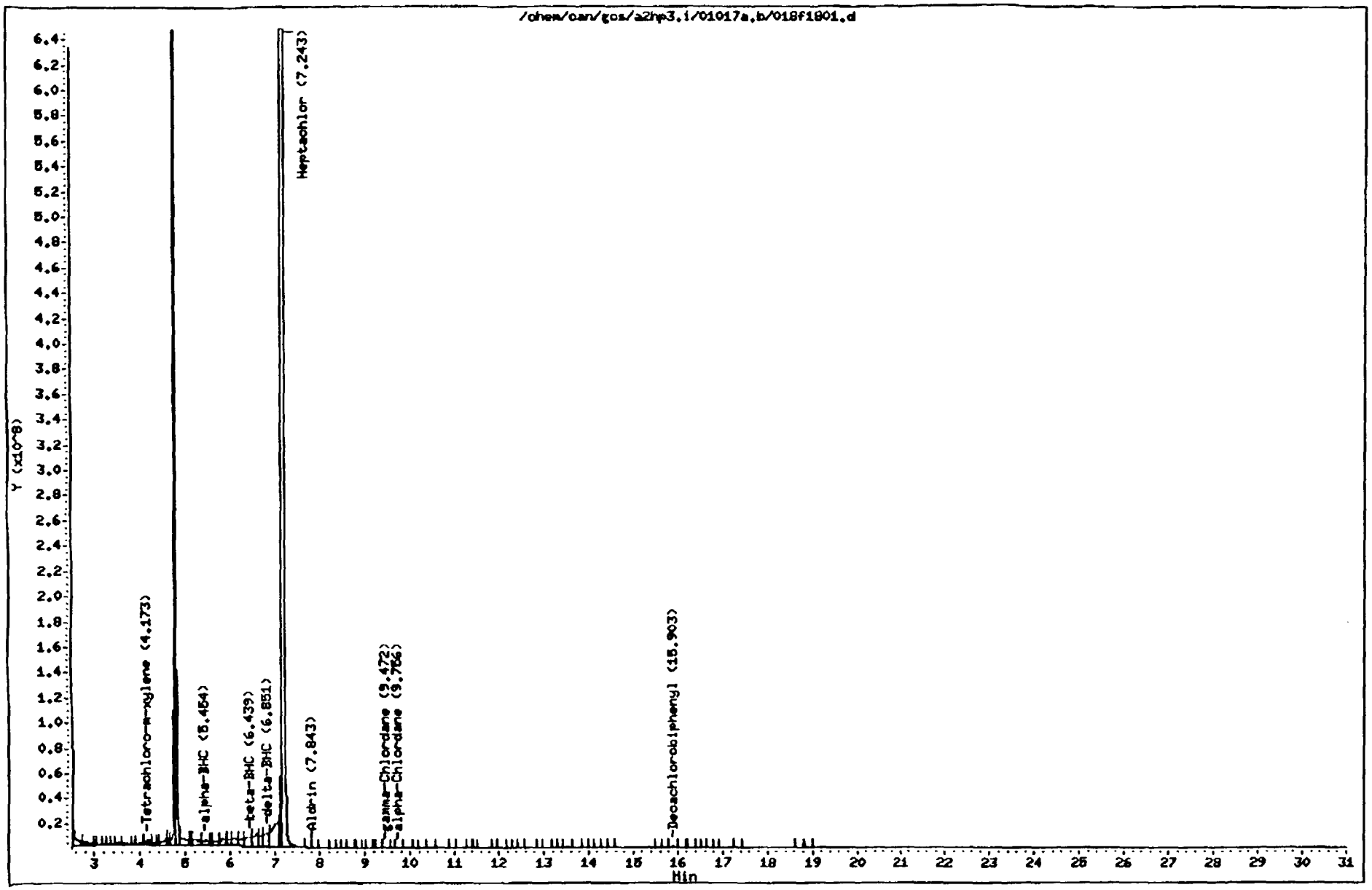
Sample Info: DJR0K201

Volume Injected (uL): 1.0

Operator: 001754

Column phase: Rtx-CLPPESTICIDES

Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01017a-r.b/018f1801.d
Lab Smp Id: DJR0K201 Client Smp ID: SL49-1RE
Inj Date : 18-OCT-2000 04:42
Operator : 001754 Inst ID: a2hp3.i
Smp Info : DJR0K201
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01017a-r.b/clp30b.m
Meth Date : 01-Nov-2000 22:22 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpuxcs2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.14000	Weigth of sample extracted (g)
M	26.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.215	5.315	-0.100	17670600	0.11904	53	80.00- 120.00	100.00(R)
6 Aroclor-1232					CAS #: 11141-16-5		
6.487	6.627	-0.140	29526635	9.13902	4100	80.00- 120.00	100.00
7.442	7.582	-0.140	22651072	9.09353	4100	87.10- 97.10	76.71
8.454	8.594	-0.140	164071199	39.4752	18000	108.65- 148.65	855.67
10.024	10.164	-0.140	106464265	65.3961	30000	29.93- 69.93	360.57
Average of Peak Concentrations =					14000		
5 Aroclor-1242					CAS #: 53469-21-9		
6.486	6.626	-0.140	29526635	12.8188	5700	80.00- 120.00	100.00

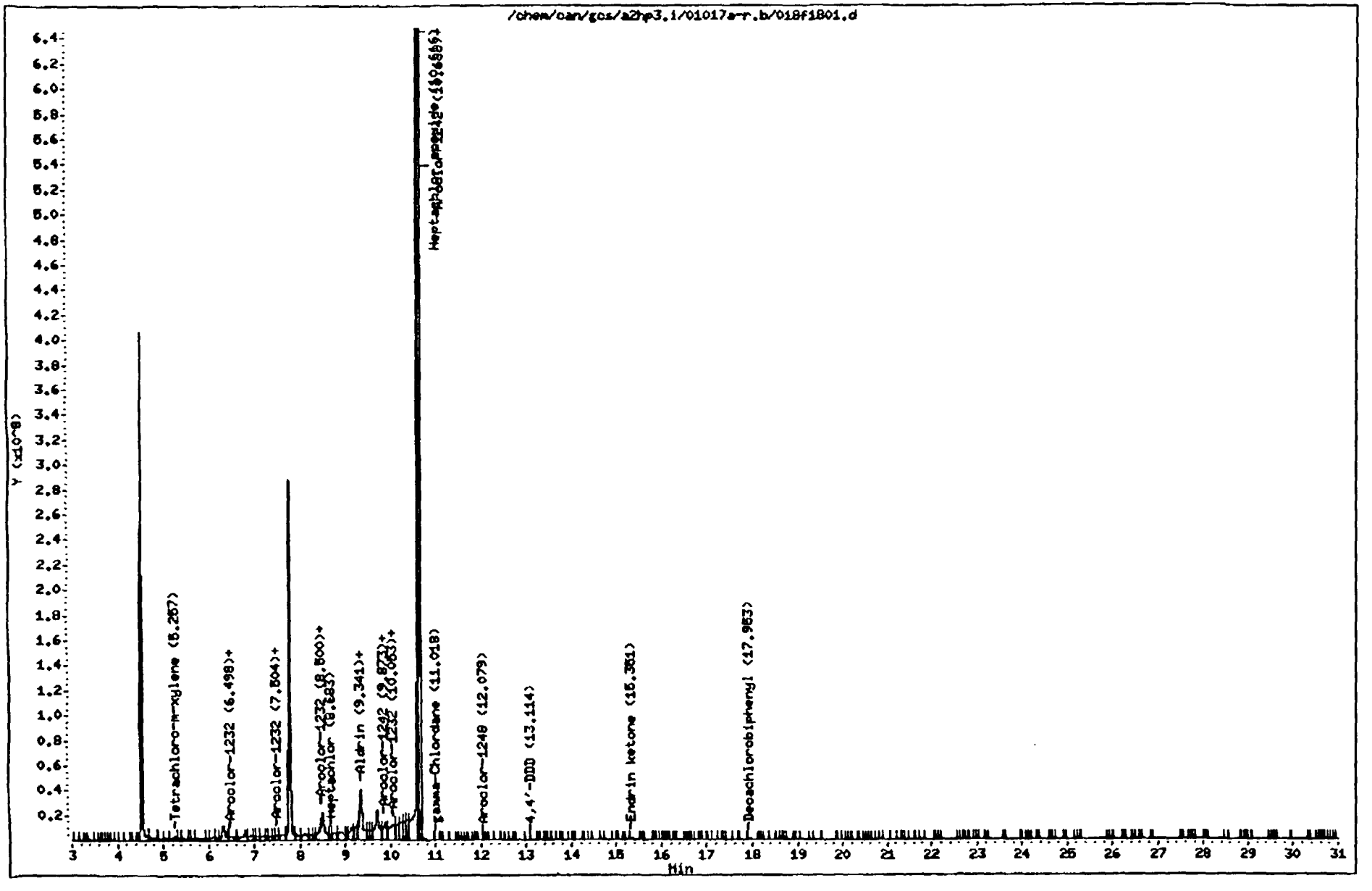
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
5 Aroclor-1242 (continued)							
7.443	7.583	-0.140	22651072	5.82134	2600	148.93- 188.93	76.71
8.454	8.594	-0.140	164071199	22.5474	10000	295.91- 335.91	555.67
9.770	9.910	-0.140	82307534	32.3918	14000	90.32- 130.32	278.76
10.668	10.808	-0.140	125266003	42.4573	19000	108.09- 148.09	424.25
			Average of Peak Concentrations =		10000		
4 Aroclor-1016					CAS #: 12674-11-2		
6.487	6.627	-0.140	29526635	10.8317	4800	80.00- 120.00	100.00
7.443	7.583	-0.140	22651072	4.14247	1800	180.59- 220.59	76.71
8.455	8.595	-0.140	164071199	16.4497	7400	345.90- 385.90	555.67
9.772	9.912	-0.140	82307534	24.8656	11000	101.43- 141.43	278.76
10.023	10.163	-0.140	106464285	32.1577	14000	101.45- 141.45	360.57
			Average of Peak Concentrations =		7900		
10 Aroclor-1248					CAS #: 12672-29-6		
8.451	8.591	-0.140	164071199	31.8791	14000	80.00- 120.00	100.00
9.222	9.362	-0.140	206509689	61.9704	28000	44.75- 84.75	125.87
10.023	10.163	-0.140	106464285	20.8457	9300	79.23- 119.23	64.89
10.668	10.808	-0.140	125266003	21.0592	9400	95.58- 135.58	76.35
12.007	12.147	-0.140	7539	0.00263	1.2	35.79- 75.79	0.00
			Average of Peak Concentrations =		12000		
11 Heptachlor					CAS #: 76-44-8		
8.596	8.696	-0.100	17324063	0.10327	46	80.00- 120.00	100.00
12 Aldrin					CAS #: 309-00-2		
9.267	9.367	-0.100	206509689	1.21481	540	80.00- 120.00	100.00
13 Heptachlor epoxide					CAS #: 1024-57-3		
10.550	10.690	-0.140	1517055476	9.59334	4300	80.00- 120.00	100.00
14 gamma-Chlordane					CAS #: 5103-74-2		
10.953	11.093	-0.140	1042972	0.00651	2.9	80.00- 120.00	100.00
23 4,4'-DDD					CAS #: 72-54-8		
12.975	13.115	-0.140	59926	0.000524	0.23	80.00- 120.00	100.00(a)
28 Endrin ketone					CAS #: 53494-70-5		
15.266	15.406	-0.140	2265718	0.01596	7.2	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.858	18.058	-0.200	2261207	0.02100	9.4	80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/01017a-r.b/018f1801.d
Date : 19-OCT-2000 04:42
Client ID: SL49-1RE
Sample Info: BJR0K201
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001784
Column diameter: 0.53



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL49-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Matrix: (soil/water) SOIL Lab Sample ID: DJR0L101

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 021F2101

% Moisture: 19 decanted: (Y/N) N Date Received: 09/01/00

Extraction: (SepF/Cont/Sonc) SW3550 Date Extracted:09/06/00

Concentrated Extract Volume: 5000(uL) Date Analyzed: 09/19/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	1.9	JP
319-86-8	delta-BHC	1.6	JP
58-89-9	gamma-BHC(Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	24	
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	1.0	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	3.1	P
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00918a.b/021f2101.d
Lab Smp Id: DJR0L101 Client Smp ID: SL49-4
Inj Date : 19-SEP-2000 06:08
Operator : 1808 Inst ID: a2hp4.i
Smp Info : DJR0L101
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00918a.b/clp30a.m
Meth Date : 02-Nov-2000 00:26 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	2.00000	GPC Correction factor
Vt	5000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.09000	Weight of sample extracted (g)
M	19.47500	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	689603	0.00562	2.3	80.00- 120.00	100.00
9 Heptachlor					CAS #: 76-44-8		
7.710	7.810	-0.100	1812086	0.01466	6.0	80.00- 120.00	100.00
10 Aldrin					CAS #: 309-00-2		
8.333	8.433	-0.100	8059629	0.06014	25	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	276084	0.00454	1.9	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
13 delta-BHC					CAS #: 319-86-8		
7.283	7.383	-0.100	815751	0.00548	2.3	80.00- 120.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2		
9.949	10.089	-0.140	592032	0.00465	1.9	80.00- 120.00	100.00(a)
17 alpha-Chlordane					CAS #: 5103-71-9		
10.233	10.373	-0.140	931822	0.00751	3.1	80.00- 120.00	100.00
20 Aroclor-1260					CAS #: 11096-82-5		
10.840	10.980	-0.140	253087	0.10224	42	80.00- 120.00	100.00
11.126	11.266	-0.140	252736	0.04739	20	195.42- 235.42	99.86
11.700	11.840	-0.140	713182	0.07643	32	356.95- 396.95	281.79
11.952	12.092	-0.140	1248992	0.37350	150	115.09- 155.09	493.50
12.268	12.408	-0.140	2612861	0.27664	110	361.54- 401.54	1032.40
Average of Peak Concentrations =					72		
23 Endosulfan II					CAS #: 33213-65-9		
11.888	12.028	-0.140	1248992	0.01156	4.8	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.966	13.106	-0.140	453337	0.00556	2.3	80.00- 120.00	100.00(a)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	1102886	0.01094	4.5	80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: /chem/can/gcs/a2hp4.i/00918a.b/021f2101.d

Date : 19-SEP-2000 06:08

Client ID: SL49-4

Sample Info: DJR0L101

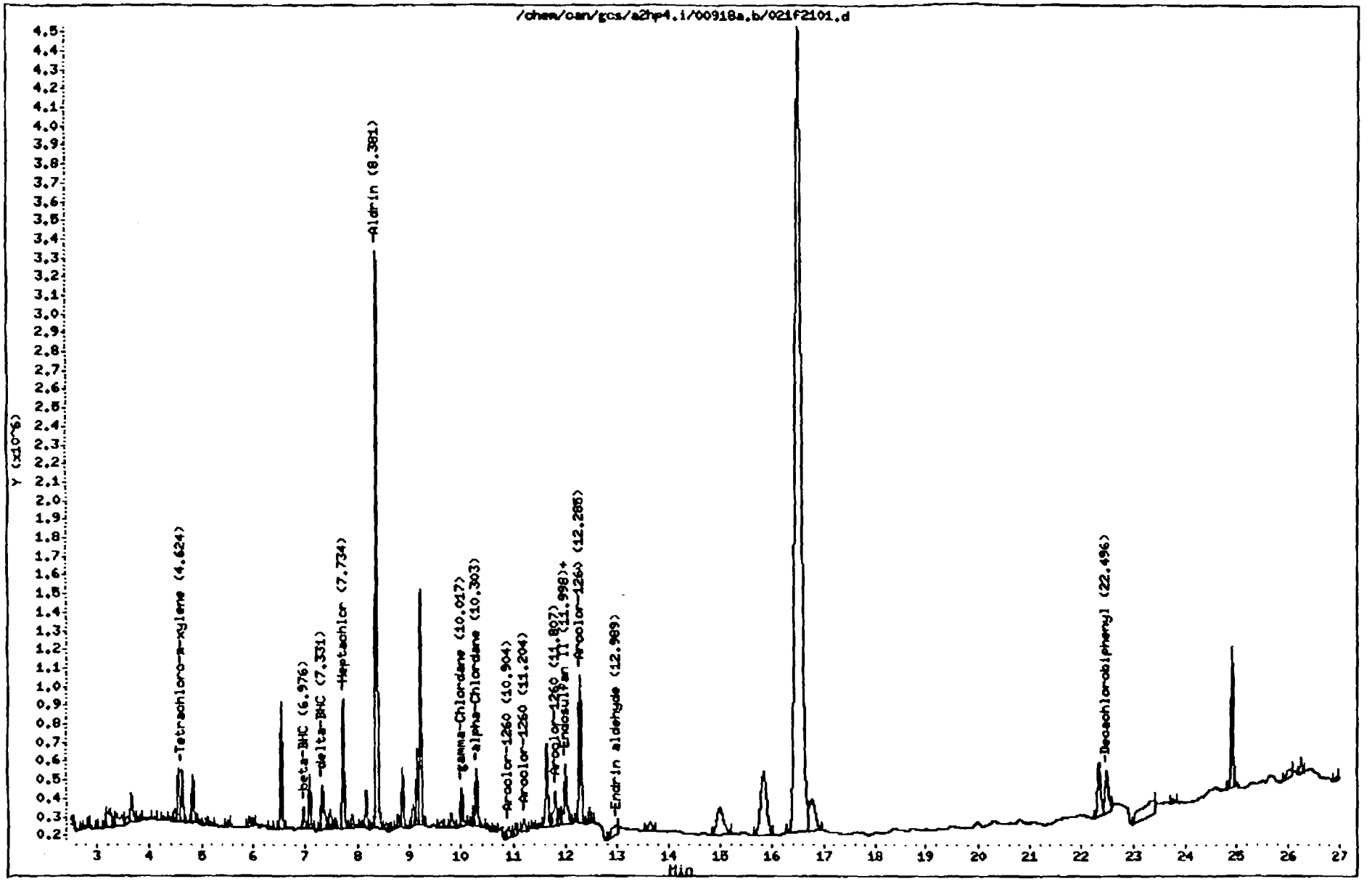
Volume Injected (uL): 1.0

Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i

Operator: 1808

Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00918a-r.b/021f2101.d
Lab Smp Id: DJR0L101 Client Smp ID: SL49-4
Inj Date : 19-SEP-2000 06:08
Operator : 1808 Inst ID: a2hp4.i
Smp Info : DJR0L101
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00918a-r.b/clp30b.m
Meth Date : 02-Nov-2000 00:29 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	2.00000	GPC Correction factor
Vt	5000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.09000	Weigth of sample extracted (g)
M	19.47500	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	544433	0.00419	1.7	80.00- 120.00	100.00
6 Aroclor-1232					CAS #: 11141-16-5		
7.026	7.166	-0.140	48106	0.01820	7.5	80.00- 120.00	100.00
7.999	8.139	-0.140	627297	0.28955	120	61.94- 101.94	1303.99
9.034	9.174	-0.140	56494	0.01343	6.4	118.50- 158.50	117.44
10.622	10.762	-0.140	1096286	0.78128	320	33.07- 73.07	2278.90
Average of Peak Concentrations =					110		
4 Aroclor-1016					CAS #: 12674-11-2		
7.024	7.164	-0.140	8524	0.00356	1.5	80.00- 120.00	100.00(a)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
4 Aroclor-1016 (continued)							
8.000	8.140	-0.140	627297	0.13017	54	181.24- 221.24	7359.19
9.032	9.172	-0.140	56494	0.00652	2.7	341.72- 381.72	662.76
9.328	9.468	-0.140	170531	0.04447	18	140.15- 180.15	2000.60
10.367	10.507	-0.140	324804	0.10691	44	106.86- 146.86	3810.46
Average of Peak Concentrations =					24		
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	388607	0.00573	2.4	80.00- 120.00	100.00
9 delta-BHC					CAS #: 319-86-8		
9.148	9.248	-0.100	572434	0.00385	1.6	80.00- 120.00	100.00(a)
10 Aroclor-1248					CAS #: 12672-29-6		
9.027	9.167	-0.140	56494	0.01181	4.9	80.00- 120.00	100.00
9.328	9.468	-0.140	170531	0.08847	36	20.29- 60.29	301.86
10.367	10.507	-0.140	324804	0.07757	32	67.51- 107.51	574.94
10.622	10.762	-0.140	1096286	0.23178	96	78.86- 118.86	1940.54
11.272	11.412	-0.140	1370830	0.26568	110	87.84- 127.84	2426.51
Average of Peak Concentrations =					56		
16 Aroclor-1254					CAS #: 11097-69-1		
10.368	10.508	-0.140	324804	0.20878	86	80.00- 120.00	100.00
11.267	11.407	-0.140	1370830	0.29599	120	277.71- 317.71	422.05
11.689	11.829	-0.140	212979	0.03765	16	343.62- 383.62	65.57
12.428	12.568	-0.140	216625	0.05146	21	248.08- 288.08	66.08
12.749	12.889	-0.140	72018	0.00940	3.9	472.52- 512.52	22.17
Average of Peak Concentrations =					50		
12 Aldrin					CAS #: 309-00-2		
9.881	9.981	-0.100	8120303	0.05739	24	80.00- 120.00	100.00
13 Heptachlor epoxide					CAS #: 1024-57-3		
11.178	11.318	-0.140	3619131	0.02928	12	80.00- 120.00	100.00
17 alpha-Chlordane					CAS #: 5103-71-9		
11.908	12.048	-0.140	1181059	0.00954	3.9	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	30315456	0.29445	120	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	889301	0.00996	4.1	80.00- 120.00	100.00

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/oan/gcs/a2hp4.i/00918a-r.b/021f2101.d

Date : 19-SEP-2000 06:08

Client ID: SL49-4

Sample Info: BJR0L101

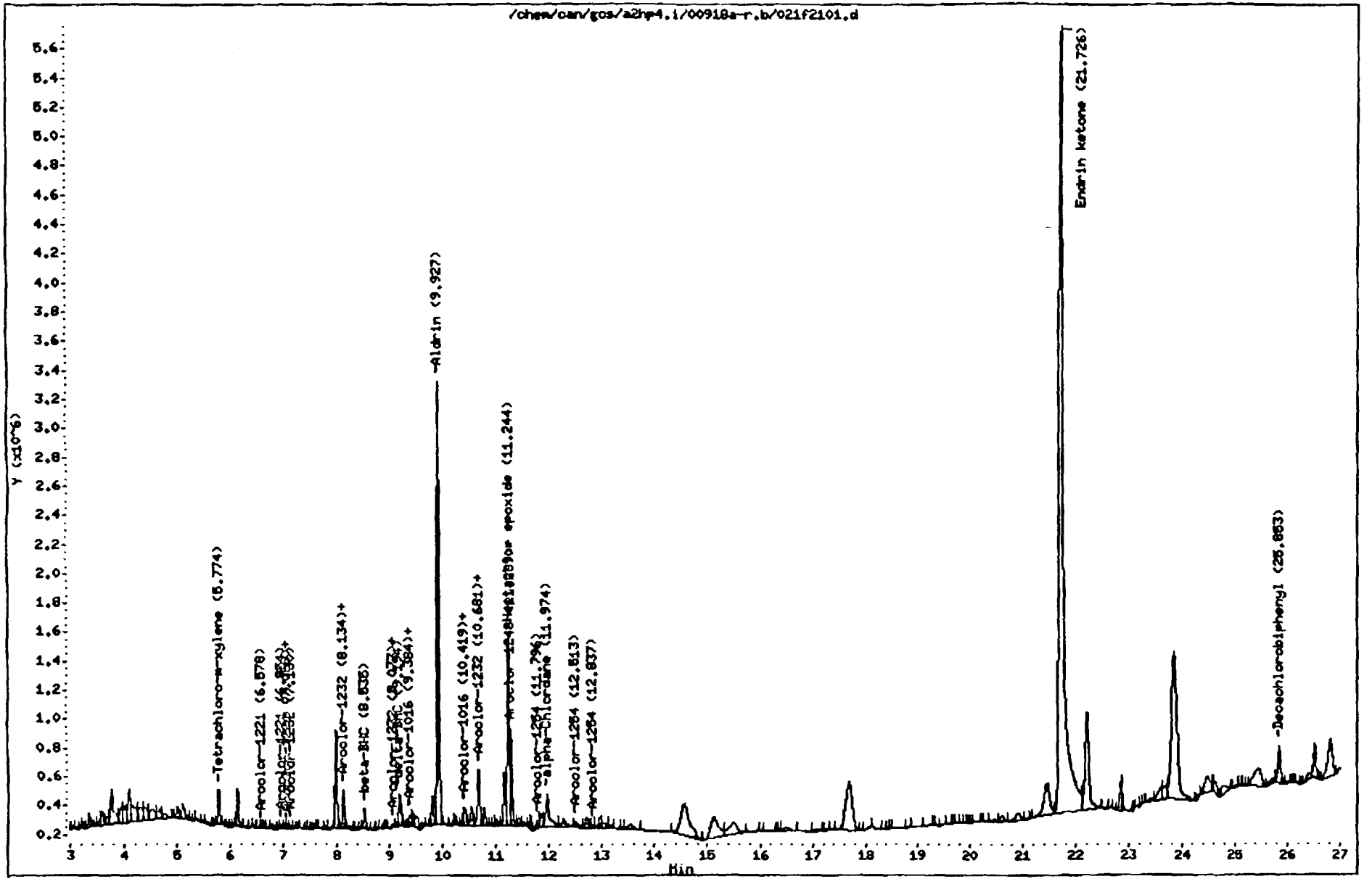
Volume Injected (uL): 1.0

Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i

Operator: 1808

Column diameter: 0.53



1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SL49-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Matrix: (soil/water) SOIL Lab Sample ID: DJR0L201

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 090F9001

% Moisture: 19 decanted: (Y/N) N Date Received: 09/01/00

Extraction: (SepF/Cont/Sonc) SW3550 Date Extracted:09/21/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/14/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC(Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	1.0	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	1.1	J
8001-35-2	Toxaphene	200	U

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/090f9001.d
Lab Smp Id: DJR0L201 Client Smp ID: SL49-4RE
Inj Date : 14-OCT-2000 21:52
Operator : 001754 Inst ID: a2hp3.i
Smp Info : DJR0L201
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 01-Nov-2000 21:43 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpuxcs2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.16000	Weight of sample extracted (g)
M	19.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	6583131	0.03505	14	80.00- 120.00	100.00(R)
4 Aroclor-1232					CAS #: 11141-16-5		
5.024	5.164	-0.140	195166	0.04426	18	80.00- 120.00	100.00
5.834	5.974	-0.140	239050	0.08225	34	45.92- 85.92	122.49
6.860	7.000	-0.140	262650	0.04807	20	103.93- 143.93	134.88
7.143	7.283	-0.140	567279129	246.003	100000	32.30- 72.30	290664.94
Average of Peak Concentrations =					25000		
3 Aroclor-1016					CAS #: 12674-11-2		
5.023	5.163	-0.140	195166	0.04862	20	80.00- 120.00	100.00

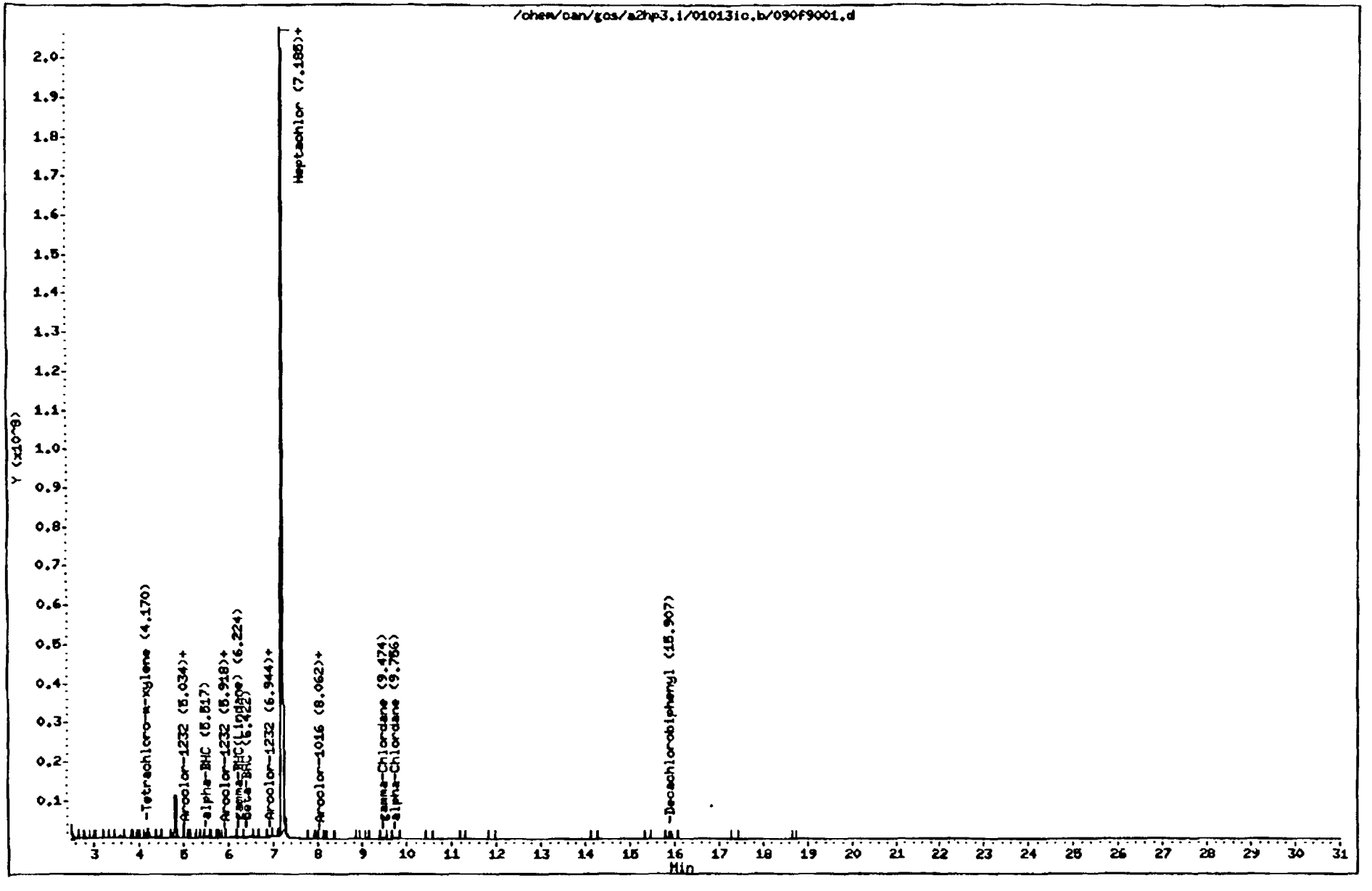
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
3 Aroclor-1016 (continued)							
5.834	5.974	-0.140	239050	0.03399	14	155.24- 195.24	122.49
6.861	7.001	-0.140	262650	0.01991	8.1	308.67- 348.67	134.58
7.143	7.283	-0.140	567279129	102.900	42000	117.35- 157.35	290664.94
8.037	8.177	-0.140	138933	0.02463	10	120.53- 160.53	71.19
Average of Peak Concentrations =					8400		
5 alpha-BHC					CAS #: 319-84-6		
5.418	5.518	-0.100	800682	0.00284	1.2	80.00- 120.00	100.00(a)
6 Aroclor-1242					CAS #: 53469-21-9		
5.025	5.165	-0.140	195166	0.05827	24	80.00- 120.00	100.00
5.835	5.975	-0.140	239050	0.04751	19	130.21- 170.21	122.49
6.861	7.001	-0.140	262650	0.02891	12	251.24- 291.24	134.58
7.142	7.282	-0.140	567279129	145.512	60000	96.39- 136.39	290664.94
8.038	8.178	-0.140	138933	0.03224	13	108.65- 148.65	71.19
Average of Peak Concentrations =					12000		
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.145	6.245	-0.100	772386	0.00307	1.3	80.00- 120.00	100.00(a)
9 Heptachlor					CAS #: 76-44-8		
7.182	7.282	-0.100	567279129	2.52263	1000	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.422	6.522	-0.100	929765	0.00896	3.7	80.00- 120.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2		
9.407	9.547	-0.140	550923	0.00267	1.1	80.00- 120.00	100.00(a)
17 alpha-Chlordane					CAS #: 5103-71-9		
9.691	9.831	-0.140	743508	0.00376	1.5	80.00- 120.00	100.00(a)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	5529189	0.03516	14	80.00- 120.00	100.00(R)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/010131c.b/090f9001.d
Date : 14-OCT-2000 21:52
Client ID: SL49-4RE
Sample Info: DJR0L201
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/090f9001.d
Lab Smp Id: DJR0L201 Client Smp ID: SL49-4RE
Inj Date : 14-OCT-2000 21:52
Operator : 001754 Inst ID: a2hp3.i
Smp Info : DJR0L201
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 01-Nov-2000 21:57 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpuxcs2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.16000	Weigth of sample extracted (g)
M	19.00000	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.219	-0.100	4818906	0.03389	14	80.00- 120.00	100.00(m)
12 Aldrin					CAS #: 309-00-2		
9.272	9.372	-0.100	6541628	0.03854	16	80.00- 120.00	100.00
13 Heptachlor epoxide					CAS #: 1024-57-3		
10.557	10.697	-0.140	216446490	1.36599	560	80.00- 120.00	100.00
14 gamma-Chlordane					CAS #: 5103-74-2		
10.960	11.100	-0.140	422646	0.00263	1.1	80.00- 120.00	100.00(a)

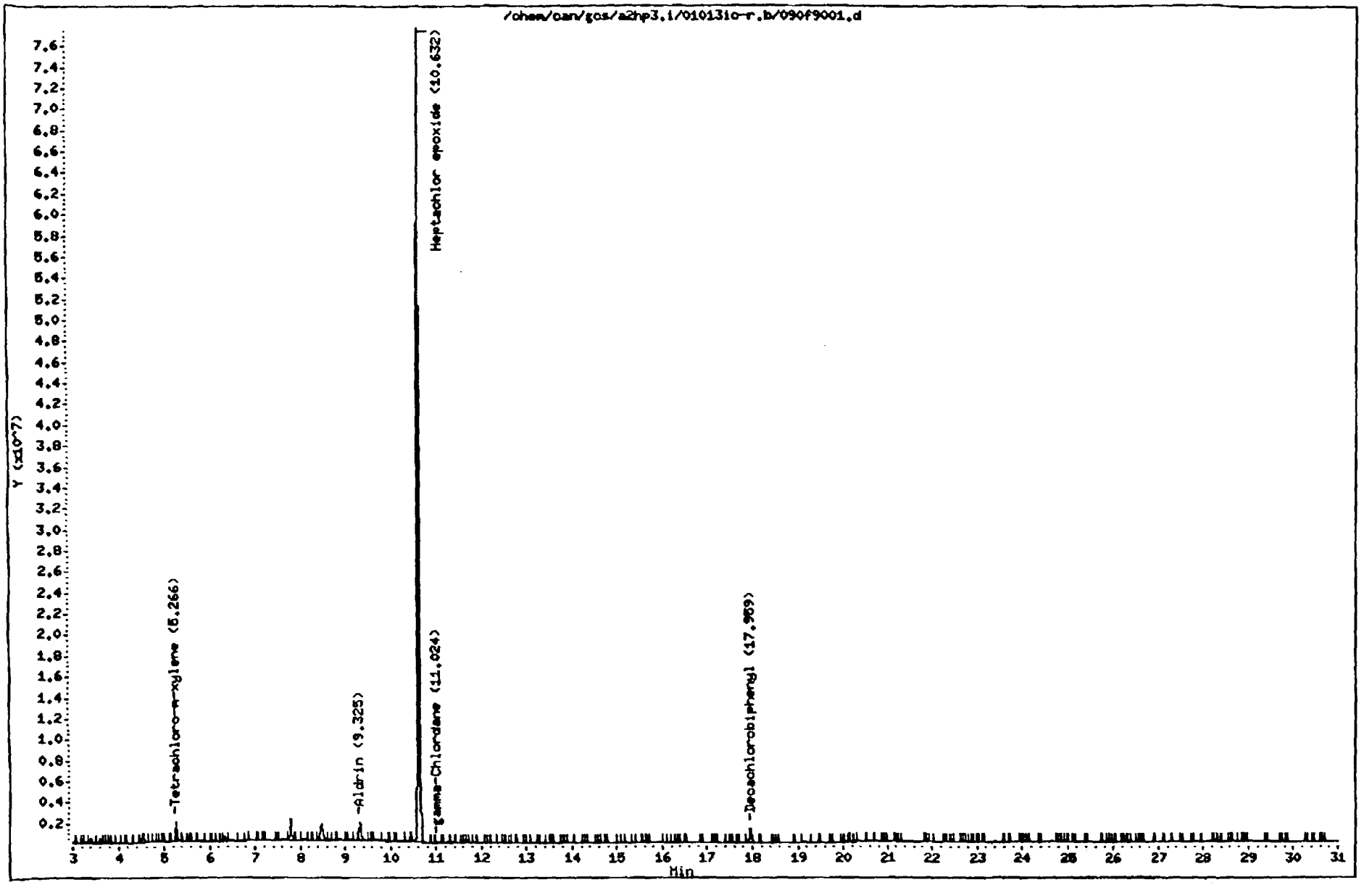
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	3886427	0.03527	14	80.00- 120.00	100.00(R)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/010131o-r.b/090f9001.d
Date : 14-OCT-2000 21:52
Client ID: SL49-4RE
Sample Info: DJR0L201
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



STL North Canton

Committed To *Your* Success

STANDARD DATA

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP4 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 09/06/00 09/06/

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	5.96	5.96	5.96	5.96	5.91	6.01
beta-BHC	6.98	6.98	6.98	6.98	6.93	7.03
delta-BHC	7.33	7.33	7.33	7.33	7.28	7.38
gamma-BHC(Lindane)	6.70	6.70	6.70	6.70	6.65	6.75
Heptachlor	7.76	7.76	7.76	7.76	7.71	7.81
Aldrin	8.38	8.38	8.38	8.38	8.33	8.43
Heptachlor epoxide	9.75	9.75	9.75	9.75	9.68	9.82
Endosulfan I	10.53	10.53	10.53	10.53	10.46	10.60
Dieldrin	11.04	11.05	11.04	11.04	10.97	11.11
4,4'-DDE	10.65	10.65	10.65	10.65	10.58	10.72
Endrin	11.48	11.49	11.48	11.48	11.41	11.55
Endosulfan II	11.96	11.96	11.96	11.96	11.89	12.03
4,4'-DDD	11.87	11.87	11.87	11.87	11.80	11.94
Endosulfan sulfate	15.27	15.27	15.27	15.27	15.20	15.34
4,4'-DDT	12.47	12.47	12.47	12.47	12.40	12.54
Methoxychlor	14.84	14.84	14.83	14.84	14.77	14.91
Endrin ketone	17.01	17.01	17.01	17.01	16.94	17.08
Endrin aldehyde	13.04	13.04	13.03	13.04	12.97	13.11
alpha-Chlordane	10.30	10.30	10.30	10.30	10.23	10.37
gamma-Chlordane	10.02	10.02	10.02	10.02	9.95	10.09
Tetrachloro-m-xylene	4.63	4.63	4.63	4.63	4.58	4.68
Decachlorobiphenyl	22.49	22.49	22.49	22.49	22.39	22.59

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

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.

FORM VI PEST-1 OLM03.0

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP4 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 09/06/00 09/0

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	7.40	7.40	7.40	7.40	7.35	7.45
beta-BHC	8.54	8.54	8.54	8.54	8.49	8.59
delta-BHC	9.20	9.20	9.20	9.20	9.15	9.25
gamma-BHC(Lindane)	8.27	8.27	8.27	8.27	8.22	8.32
Heptachlor	9.24	9.25	9.25	9.25	9.20	9.30
Aldrin	9.93	9.93	9.93	9.93	9.88	9.98
Heptachlor epoxide	11.25	11.25	11.25	11.25	11.18	11.32
Endosulfan I	12.04	12.05	12.04	12.04	11.97	12.11
Dieldrin	12.72	12.72	12.72	12.72	12.65	12.79
4,4'-DDE	12.52	12.52	12.51	12.52	12.45	12.59
Endrin	13.83	13.83	13.83	13.83	13.76	13.90
Endosulfan II	15.25	15.25	15.25	15.25	15.18	15.32
4,4'-DDD	15.19	15.19	15.19	15.19	15.12	15.26
Endosulfan sulfate	19.46	19.46	19.46	19.46	19.39	19.53
4,4'-DDT	17.44	17.44	17.44	17.44	17.37	17.51
Methoxychlor	21.33	21.33	21.33	21.33	21.26	21.40
Endrin ketone	21.70	21.70	21.70	21.70	21.63	21.77
Endrin aldehyde	17.82	17.82	17.83	17.82	17.75	17.89
alpha-Chlordane	11.98	11.98	11.98	11.98	11.91	12.05
gamma-Chlordane	11.66	11.66	11.65	11.66	11.59	11.73
Tetrachloro-m-xylene	5.78	5.78	5.78	5.78	5.73	5.83
Decachlorobiphenyl	25.86	25.86	25.86	25.86	25.76	25.96

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

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.

FORM VI PEST-1 OLM03.0

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/12/00 10/13/

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	5.47	5.47	5.47	5.47	5.42	5.52
beta-BHC	6.47	6.47	6.47	6.47	6.42	6.52
delta-BHC	6.82	6.82	6.82	6.82	6.77	6.87
gamma-BHC(Lindane)	6.20	6.20	6.19	6.20	6.15	6.25
Heptachlor	7.23	7.23	7.23	7.23	7.18	7.28
Aldrin	7.85	7.84	7.85	7.85	7.80	7.90
Heptachlor epoxide	9.21	9.21	9.21	9.21	9.14	9.28
Endosulfan I	9.99	9.98	9.98	9.98	9.91	10.05
Dieldrin	10.50	10.50	10.50	10.50	10.43	10.57
4,4'-DDE	10.13	10.13	10.13	10.13	10.06	10.20
Endrin	10.93	10.93	10.93	10.93	10.86	11.00
Endosulfan II	11.41	11.40	11.40	11.40	11.33	11.47
4,4'-DDD	11.35	11.35	11.35	11.35	11.28	11.42
Endosulfan sulfate	13.17	13.16	13.16	13.16	13.09	13.23
4,4'-DDT	11.91	11.90	11.90	11.90	11.83	11.97
Methoxychlor	13.05	13.05	13.05	13.05	12.98	13.12
Endrin ketone	13.66	13.66	13.66	13.66	13.59	13.73
Endrin aldehyde	12.29	12.29	12.29	12.29	12.22	12.36
alpha-Chlordane	9.76	9.76	9.76	9.76	9.69	9.83
gamma-Chlordane	9.48	9.48	9.48	9.48	9.41	9.55
Tetrachloro-m-xylene	4.17	4.17	4.17	4.17	4.12	4.22
Decachlorobiphenyl	15.91	15.91	15.91	15.91	15.81	16.01

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

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.

FORM VI PEST-1 OLM03.0

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/10/00 10/1

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	6.85	6.85	6.85	6.85	6.80	6.90
beta-BHC	7.98	7.98	7.98	7.98	7.93	8.03
delta-BHC	8.62	8.62	8.62	8.62	8.57	8.67
gamma-BHC(Lindane)	7.70	7.70	7.70	7.70	7.65	7.75
Heptachlor	8.65	8.65	8.65	8.65	8.60	8.70
Aldrin	9.32	9.32	9.32	9.32	9.27	9.37
Heptachlor epoxide	10.63	10.63	10.63	10.63	10.56	10.70
Endosulfan I	11.41	11.41	11.41	11.41	11.34	11.48
Dieldrin	11.99	11.99	11.99	11.99	11.92	12.06
4,4'-DDE	11.86	11.86	11.86	11.86	11.79	11.93
Endrin	12.59	12.59	12.59	12.59	12.52	12.66
Endosulfan II	13.05	13.05	13.05	13.05	12.98	13.12
4,4'-DDD	13.05	13.05	13.05	13.05	12.98	13.12
Endosulfan sulfate	14.33	14.33	14.33	14.33	14.26	14.40
4,4'-DDT	13.66	13.66	13.66	13.66	13.59	13.73
Methoxychlor	15.16	15.16	15.16	15.16	15.09	15.23
Endrin ketone	15.34	15.34	15.34	15.34	15.27	15.41
Endrin aldehyde	13.77	13.77	13.77	13.77	13.70	13.84
alpha-Chlordane	11.35	11.35	11.35	11.35	11.28	11.42
gamma-Chlordane	11.03	11.03	11.03	11.03	10.96	11.10
Tetrachloro-m-xylene	5.27	5.27	5.27	5.27	5.22	5.32
Decachlorobiphenyl	17.97	17.97	17.97	17.97	17.87	18.07

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

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.

FORM VI PEST-1 OLM03.0

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/16/00 10/17/

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	5.47	5.47	5.47	5.47	5.42	5.52
beta-BHC	6.47	6.47	6.47	6.47	6.42	6.52
delta-BHC	6.82	6.82	6.82	6.82	6.77	6.87
gamma-BHC(Lindane)	6.19	6.19	6.19	6.19	6.14	6.24
Heptachlor	7.23	7.23	7.23	7.23	7.18	7.28
Aldrin	7.84	7.84	7.84	7.84	7.79	7.89
Heptachlor epoxide	9.21	9.21	9.21	9.21	9.14	9.28
Endosulfan I	9.98	9.98	9.98	9.98	9.91	10.05
Dieldrin	10.50	10.49	10.50	10.50	10.43	10.57
4,4'-DDE	10.13	10.13	10.13	10.13	10.06	10.20
Endrin	10.93	10.93	10.93	10.93	10.86	11.00
Endosulfan II	11.41	11.40	11.40	11.40	11.33	11.47
4,4'-DDD	11.36	11.36	11.35	11.36	11.29	11.43
Endosulfan sulfate	13.16	13.16	13.16	13.16	13.09	13.23
4,4'-DDT	11.91	11.91	11.90	11.91	11.84	11.98
Methoxychlor	13.06	13.06	13.05	13.06	12.99	13.13
Endrin ketone	13.66	13.66	13.66	13.66	13.59	13.73
Endrin aldehyde	12.30	12.29	12.29	12.29	12.22	12.36
alpha-Chlordane	9.76	9.76	9.76	9.76	9.69	9.83
gamma-Chlordane	9.48	9.47	9.48	9.48	9.41	9.55
Tetrachloro-m-xylene	4.17	4.17	4.17	4.17	4.12	4.22
Decachlorobiphenyl	15.91	15.91	15.91	15.91	15.81	16.01

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

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.

FORM VI PEST-1 OLM03.0

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/16/00 10/1

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	6.85	6.85	6.85	6.85	6.80	6.90
beta-BHC	7.98	7.98	7.98	7.98	7.93	8.03
delta-BHC	8.62	8.62	8.62	8.62	8.57	8.67
gamma-BHC(Lindane)	7.70	7.70	7.70	7.70	7.65	7.75
Heptachlor	8.65	8.64	8.65	8.65	8.60	8.70
Aldrin	9.32	9.32	9.32	9.32	9.27	9.37
Heptachlor epoxide	10.62	10.62	10.62	10.62	10.55	10.69
Endosulfan I	11.40	11.40	11.40	11.40	11.33	11.47
Dieldrin	11.98	11.98	11.98	11.98	11.91	12.05
4,4'-DDE	11.86	11.86	11.86	11.86	11.79	11.93
Endrin	12.58	12.58	12.58	12.58	12.51	12.65
Endosulfan II	13.04	13.04	13.04	13.04	12.97	13.11
4,4'-DDD	13.05	13.05	13.04	13.05	12.98	13.12
Endosulfan sulfate	14.33	14.33	14.33	14.33	14.26	14.40
4,4'-DDT	13.66	13.66	13.65	13.66	13.59	13.73
Methoxychlor	15.16	15.16	15.15	15.16	15.09	15.23
Endrin ketone	15.34	15.34	15.33	15.34	15.27	15.41
Endrin aldehyde	13.77	13.77	13.77	13.77	13.70	13.84
alpha-Chlordane	11.34	11.34	11.34	11.34	11.27	11.41
gamma-Chlordane	11.02	11.02	11.02	11.02	10.95	11.09
Tetrachloro-m-xylene	5.27	5.26	5.27	5.27	5.22	5.32
Decachlorobiphenyl	17.96	17.96	17.96	17.96	17.86	18.06

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

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.

FORM VI PEST-1 OLM03.0

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESCH Case No.: SAS No.: SDG No.: 00906IC

Instrument ID: A2HP4 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 09/06/00 09/06/

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	143767600	161364850	183360850	162831100.0	12.2
beta-BHC	61501200	60805700	59925712	60744204.0	1.3
delta-BHC	126858600	148775150	162564550	148066100.0	12.3
gamma-BHC(Lindane)	131827400	141241450	155011750	142693533.3	8.2
Heptachlor	122702400	123609150	131520438	125943996.0	3.8
Aldrin	118869400	134008250	139723138	130866929.3	8.2
Heptachlor epoxide	114213600	120945400	124084800	119747933.3	4.2
Endosulfan I	112448400	112262100	118395100	114368533.3	3.0
Dieldrin	118381000	125539425	133345381	125755268.7	6.0
4,4'-DDE	109287000	126524300	131260675	122357325.0	9.4
Endrin	93322200	97812300	101792006	97642168.7	4.3
Endosulfan II	102434000	108088850	109314669	106612506.3	3.4
4,4'-DDD	89836600	96865675	103393656	96698643.7	7.0
Endosulfan sulfate	97567300	100126525	103652100	100448641.7	3.0
4,4'-DDT	90049900	94390550	99568225	94669558.3	5.0
Methoxychlor	48684260	47059590	44749162	46831004.0	4.2
Endrin ketone	106952800	111196325	115524662	111224595.7	3.8
Endrin aldehyde	82230700	81472800	81224912	81642804.0	0.6
alpha-Chlordane	116371000	124098550	127200512	122556687.3	4.6
gamma-Chlordane	117726600	127197400	133555175	126159725.0	6.3
Tetrachloro-m-xylene	121030800	122658450	116693212	120127487.3	2.6
Decachlorobiphenyl	104467000	100813275	94842975	100041083.3	4.8

* Surrogate calibration factors are measured from Standard Mix A analysis.

FORM VI PEST-2 OLM03.0

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP4 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 09/06/00 09/0

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	149574200	165339450	187571112	167494920.7	11.4
beta-BHC	62843400	62536050	61295775	62225075.0	1.3
delta-BHC	131309200	148602500	162300125	147403941.7	10.5
gamma-BHC(Lindane)	137809000	145635500	159129912	147524804.0	7.3
Heptachlor	122895800	123581600	131956150	126144516.7	4.0
Aldrin	139489000	141497000	144648275	141878091.7	1.8
Heptachlor epoxide	121003000	123623050	126515225	123713758.3	2.2
Endosulfan I	114598000	111890950	118645938	115044962.7	3.0
Dieldrin	117300300	123382750	136556444	125746498.0	7.8
4,4'-DDE	109313000	124272600	132209138	121931579.3	9.5
Endrin	94084800	94925150	102249119	97086356.3	4.6
Endosulfan II	105459500	106083450	111192750	107578566.7	2.9
4,4'-DDD	87977900	89215100	98887344	92026781.3	6.5
Endosulfan sulfate	99747600	99536050	102291344	100524998.0	1.5
4,4'-DDT	90494300	88986450	95180488	91553746.0	3.5
Methoxychlor	43114660	42045085	42443874	42534539.7	1.3
Endrin ketone	113399400	102957700	106175806	107510968.7	5.0
Endrin aldehyde	84899000	79687125	80635556	81740560.3	3.4
alpha-Chlordane	118783200	123823200	125766588	122790996.0	2.9
gamma-Chlordane	115683800	125159050	131165500	124002783.3	6.3
Tetrachloro-m-xylene	127993200	130059050	123786375	127279541.7	2.5
Decachlorobiphenyl	92272200	89269575	85191331	88911035.3	4.0

* Surrogate calibration factors are measured from Standard Mix A analysis.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/12/00 10/13/

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	250780400	281962350	286342212	273028320.7	7.1
beta-BHC	100436200	103739500	98062650	100746116.7	2.8
delta-BHC	208256200	241683100	240989600	230309633.3	8.3
gamma-BHC(Lindane)	227766400	251588350	256464125	245272958.3	6.3
Heptachlor	210135800	224876100	228771438	221261112.7	4.4
Aldrin	199868200	223058150	222526525	215150958.3	6.2
Heptachlor epoxide	187150600	203342750	200834250	197109200.0	4.4
Endosulfan I	179794800	190125150	192934012	187617987.3	3.7
Dieldrin	187200800	207284000	208312231	200932343.7	5.9
4,4'-DDE	170511100	196434200	195709031	187551443.7	7.9
Endrin	149205300	163594675	165258550	159352841.7	5.5
Endosulfan II	168379100	184659525	177886956	176975193.7	4.6
4,4'-DDD	132952100	153076325	158146869	148058431.3	9.0
Endosulfan sulfate	152514300	166229700	160187412	159643804.0	4.3
4,4'-DDT	138161000	153049050	158455119	149888389.7	7.0
Methoxychlor	72567600	74869470	69576051	72337707.0	3.7
Endrin ketone	174335300	188944800	180110762	181130287.3	4.1
Endrin aldehyde	131071400	143922925	137178131	137390818.7	4.7
alpha-Chlordane	185438600	197575900	194554612	192523037.3	3.3
gamma-Chlordane	188969800	206582850	206125775	200559475.0	5.0
Tetrachloro-m-xylene	175918400	187846750	179900900	181222016.7	3.4
Decachlorobiphenyl	159712600	157248750	146107906	154356418.7	4.7

* Surrogate calibration factors are measured from Standard Mix A analysis.

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6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/10/00 10/1

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	184674000	207230700	211979675	201294791.7	7.2
beta-BHC	79832200	81385450	73696412	78304687.3	5.2
delta-BHC	158038800	185651900	185008950	176233216.7	8.9
gamma-BHC(Lindane)	172214000	188759500	190351900	183775133.3	5.5
Heptachlor	154601600	165078650	169522925	163067725.0	4.7
Aldrin	155981600	169726300	169041012	164916304.0	4.7
Heptachlor epoxide	148431600	158453700	155858312	154247870.7	3.4
Endosulfan I	142951800	148189650	149511975	146884475.0	2.4
Dieldrin	150220100	162695950	162229894	158381981.3	4.5
4,4'-DDE	139543700	154960100	152377700	148960500.0	5.5
Endrin	122737000	132368800	132388681	129164827.0	4.3
Endosulfan II	133406100	143352025	136995100	137917741.7	3.6
4,4'-DDD	110486700	119989625	122268619	117581648.0	5.3
Endosulfan sulfate	119971600	127878300	123028819	123626239.7	3.2
4,4'-DDT	103702700	112166100	115542988	110470596.0	5.5
Methoxychlor	53519860	54026240	50800572	52782224.0	3.3
Endrin ketone	139980700	146041475	139263106	141761760.3	2.6
Endrin aldehyde	106624600	113771950	107413306	109269952.0	3.6
alpha-Chlordane	146765200	154168800	150931375	150621791.7	2.5
gamma-Chlordane	149269200	160569450	159426775	156421808.3	4.0
Tetrachloro-m-xylene	137224000	142172950	137817025	139071325.0	1.9
Decachlorobiphenyl	114124200	110177725	101318994	108540306.3	6.0

* Surrogate calibration factors are measured from Standard Mix A analysis.

FORM VI PEST-2 OLM03.0

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/16/00 10/17/

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	251797600	268541000	280383300	266907300.0	5.4
beta-BHC	93316400	93667700	91470038	92818046.0	1.3
delta-BHC	203782600	219386100	231070525	218079741.7	6.3
gamma-BHC(Lindane)	225102400	234319550	246892000	235437983.3	4.6
Heptachlor	214681000	217564650	225023550	219089733.3	2.4
Aldrin	198839800	209947050	208099300	205628716.7	2.9
Heptachlor epoxide	184789200	190610200	186919950	187439783.3	1.6
Endosulfan I	178067600	180256150	186370550	181564766.7	2.4
Dieldrin	183171800	194648150	197082112	191634020.7	3.9
4,4'-DDE	155413600	177436450	185415694	172755248.0	9.0
Endrin	138728300	145669600	149087919	144495273.0	3.6
Endosulfan II	162150200	171451700	164641825	166081241.7	2.9
4,4'-DDD	120840200	135575200	148586275	135000558.3	10.3
Endosulfan sulfate	151950500	158449125	153170188	154523271.0	2.2
4,4'-DDT	136536400	137964550	149187694	141229548.0	4.9
Methoxychlor	65321980	65627900	62113786	64354555.3	3.0
Endrin ketone	168347800	174043825	165276506	169222710.3	2.6
Endrin aldehyde	125909100	134815450	127666706	129463752.0	3.6
alpha-Chlordane	182818800	186486600	185787212	185030870.7	1.0
gamma-Chlordane	185717600	194552450	196634988	192301679.3	3.0
Tetrachloro-m-xylene	181005000	181625000	174913000	179181000.0	2.1
Decachlorobiphenyl	157012500	150286325	143190219	150163014.7	4.6

* Surrogate calibration factors are measured from Standard Mix A analysis.

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6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Date(s) Analyzed: 10/16/00 10/1

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	195196200	210356650	220249238	208600696.0	6.0
beta-BHC	79265400	80741750	72854888	77620679.3	5.4
delta-BHC	169177400	187016950	186356038	180850129.3	5.6
gamma-BHC(Lindane)	179744000	190119300	196677125	188846808.3	4.5
Heptachlor	162233200	167759450	174468538	168153729.3	3.6
Aldrin	178754200	169992950	166546075	171764408.3	3.7
Heptachlor epoxide	152376600	158136250	151462188	153991679.3	2.3
Endosulfan I	146313000	148083700	150867438	148421379.3	1.5
Dieldrin	153421900	161851050	161757119	159010023.0	3.0
4,4'-DDE	138383800	151837325	150358294	146859806.3	5.0
Endrin	121642000	128542475	128714300	126299591.7	3.2
Endosulfan II	134250200	140731375	133234869	136072148.0	3.0
4,4'-DDD	107696300	114341900	119071912	113703370.7	5.0
Endosulfan sulfate	125617200	127308950	122014738	124980296.0	2.2
4,4'-DDT	99230200	103681100	109485012	104132104.0	4.9
Methoxychlor	48007080	46984280	46135632	47042330.7	2.0
Endrin ketone	138789400	141969250	134227981	138328877.0	2.8
Endrin aldehyde	107016100	111828350	103163900	107336116.7	4.0
alpha-Chlordane	150216000	153881250	150175038	151424096.0	1.4
gamma-Chlordane	154062600	160267250	158763575	157697808.3	2.0
Tetrachloro-m-xylene	146204200	148440750	138134362	144259770.7	3.8
Decachlorobiphenyl	117496200	107690025	99369006	108185077.0	8.4

* Surrogate calibration factors are measured from Standard Mix A analysis.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP4 Date(s) Analyzed: 09/06/00 09/06/00

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	11.06	10.99	11.13	889330
		*2	11.74	11.67	11.81	1274836
		*3	12.09	12.02	12.16	2396470
		4	13.41	13.34	13.48	2882000
		5				
Aroclor-1016	0.10	*1	5.57	5.50	5.64	2525190
		*2	6.40	6.33	6.47	4552310
		*3	7.44	7.37	7.51	8186780
		4	7.73	7.66	7.80	3699150
		5	7.86	7.79	7.93	2155100
Aroclor-1221	0.20	*1	5.14	5.07	5.21	1218400
		*2	5.48	5.41	5.55	896000
		*3	5.57	5.50	5.64	3018095
		4				
		5				
Aroclor-1232	0.10	*1	5.57	5.50	5.64	2765350
		*2	6.40	6.33	6.47	1890070
		*3	7.44	7.37	7.51	3490430
		4	7.72	7.65	7.79	1425270
		5				
Aroclor-1242	0.10	*1	5.57	5.50	5.64	2138640
		*2	6.40	6.33	6.47	3143480
		*3	7.44	7.37	7.51	5885940
		4	8.63	8.56	8.70	2952530
		5	9.98	9.91	10.05	2028180
Aroclor-1248	0.10	*1	6.40	6.33	6.47	1891720
		*2	8.63	8.56	8.70	5279890
		*3	10.81	10.74	10.88	2545850
		4	11.38	11.31	11.45	1788600
		5	11.92	11.85	11.99	1810780
Aroclor-1254	0.10	*1	9.44	9.37	9.51	5205660
		*2	10.00	9.93	10.07	5090400
		*3	10.81	10.74	10.88	6923580
		4	11.38	11.31	11.45	5389420
		5	12.34	12.27	12.41	7098720
Aroclor-1260	0.10	*1	10.91	10.84	10.98	2475480
		*2	11.20	11.13	11.27	5332590
		*3	11.77	11.70	11.84	9331280
		4	12.02	11.95	12.09	3344050
		5	12.34	12.27	12.41	9445010

* Denotes required peaks

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6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP4 Date(s) Analyzed: 09/06/00 09/06/00

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	13.63	13.56	13.70	2271460
		*2	18.33	18.26	18.40	1317958
		*3	20.51	20.44	20.58	3768554
		4	20.93	20.86	21.00	2435922
		5				
Aroclor-1016	0.10	*1	7.09	7.02	7.16	2394670
		*2	8.07	8.00	8.14	4819110
		*3	9.10	9.03	9.17	8662090
		4	9.40	9.33	9.47	3835080
		5	10.44	10.37	10.51	3037970
Aroclor-1221	0.20	*1	6.61	6.54	6.68	1314215
		*2	6.96	6.89	7.03	902700
		*3	7.09	7.02	7.16	3116200
		4				
		5				
Aroclor-1232	0.10	*1	7.10	7.03	7.17	2643810
		*2	8.07	8.00	8.14	2166450
		*3	9.10	9.03	9.17	3661770
		4	10.69	10.62	10.76	1403200
		5				
Aroclor-1242	0.10	*1	7.10	7.03	7.17	2006800
		*2	8.07	8.00	8.14	3500830
		*3	8.61	8.54	8.68	1462680
		4	9.10	9.03	9.17	6271730
		5	10.69	10.62	10.76	2566480
Aroclor-1248	0.10	*1	9.10	9.03	9.17	4784450
		*2	9.40	9.33	9.47	1927610
		*3	10.44	10.37	10.51	4187040
		4	10.69	10.62	10.76	4729860
		5	11.34	11.27	11.41	5159640
Aroclor-1254	0.10	*1	10.44	10.37	10.51	1555700
		*2	11.34	11.27	11.41	4631410
		*3	11.76	11.69	11.83	5656800
		4	12.50	12.43	12.57	4170590
		5	12.82	12.75	12.89	7662190
Aroclor-1260	0.10	*1	18.01	17.94	18.08	4738920
		*2	19.65	19.58	19.72	4831320
		*3	19.99	19.92	20.06	2325700
		4	20.86	20.79	20.93	10421920
		5	22.26	22.19	22.33	6739960

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Date(s) Analyzed: 10/12/00 10/13/00

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	10.90	10.83	10.97	1590396
		*2	11.19	11.12	11.26	1993236
		*3	12.50	12.43	12.57	5433342
		4	12.91	12.84	12.98	6061810
		5				
Aroclor-1016	0.10	*1	5.09	5.02	5.16	4013750
		*2	5.90	5.83	5.97	7033710
		*3	6.93	6.86	7.00	13191840
		4	7.21	7.14	7.28	5512920
		5	8.11	8.04	8.18	5640720
Aroclor-1221	0.20	*1	4.67	4.60	4.74	2068565
		*2	5.01	4.94	5.08	1465470
		*3	5.09	5.02	5.16	5205460
		4				
		5				
Aroclor-1232	0.10	*1	5.09	5.02	5.16	4409040
		*2	5.90	5.83	5.97	2906430
		*3	6.93	6.86	7.00	5464310
		4	7.21	7.14	7.28	2305980
		5				
Aroclor-1242	0.10	*1	5.09	5.02	5.16	3349620
		*2	5.90	5.83	5.97	5031540
		*3	6.93	6.86	7.00	9085550
		4	7.21	7.14	7.28	3898500
		5	8.11	8.04	8.18	4309130
Aroclor-1248	0.10	*1	5.90	5.83	5.97	2663410
		*2	6.93	6.86	7.00	6557190
		*3	8.11	8.04	8.18	7290030
		4	10.28	10.21	10.35	3284350
		5	10.86	10.79	10.93	2195090
Aroclor-1254	0.10	*1	7.65	7.58	7.72	4035620
		*2	8.92	8.85	8.99	5290530
		*3	9.48	9.41	9.55	6897070
		4	10.28	10.21	10.35	10381490
		5	11.80	11.73	11.87	9601620
Aroclor-1260	0.10	*1	9.48	9.41	9.55	3097720
		*2	10.67	10.60	10.74	7601810
		*3	11.24	11.17	11.31	13947290
		4	11.79	11.72	11.86	13453590
		5	13.71	13.64	13.78	8388020

* Denotes required peaks

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PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Date(s) Analyzed: 10/10/00 10/13/00

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	12.52	12.45	12.59	4050492
		*2	13.23	13.16	13.30	5339322
		*3	14.22	14.15	14.29	5425520
		4	15.55	15.48	15.62	3481372
		5				
Aroclor-1016	0.10	*1	6.56	6.49	6.63	2823980
		*2	7.51	7.44	7.58	5471120
		*3	8.53	8.46	8.60	10642530
		4	9.84	9.77	9.91	3535870
		5	10.10	10.03	10.17	3689150
Aroclor-1221	0.20	*1	6.09	6.02	6.16	1671300
		*2	6.42	6.35	6.49	1137870
		*3	6.56	6.49	6.63	4083775
		4				
		5				
Aroclor-1232	0.10	*1	6.56	6.49	6.63	3280330
		*2	7.51	7.44	7.58	2503810
		*3	8.53	8.46	8.60	4548860
		4	10.09	10.02	10.16	1543890
		5				
Aroclor-1242	0.10	*1	6.56	6.49	6.63	2343410
		*2	7.51	7.44	7.58	3859600
		*3	8.53	8.46	8.60	7549370
		4	9.84	9.77	9.91	2704280
		5	10.74	10.67	10.81	3125120
Aroclor-1248	0.10	*1	8.52	8.45	8.59	5409450
		*2	9.29	9.22	9.36	3591210
		*3	10.10	10.03	10.17	5142700
		4	10.74	10.67	10.81	5861140
		5	12.08	12.01	12.15	3094980
Aroclor-1254	0.10	*1	10.73	10.66	10.80	5054660
		*2	11.15	11.08	11.22	5850040
		*3	12.07	12.00	12.14	8042130
		4	12.55	12.48	12.62	5420540
		5	13.24	13.17	13.31	4893880
Aroclor-1260	0.10	*1	11.15	11.08	11.22	2720330
		*2	12.16	12.09	12.23	2954980
		*3	12.93	12.86	13.00	7442040
		4	13.63	13.56	13.70	11231250
		5	15.65	15.58	15.72	8983980

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Date(s) Analyzed: 10/16/00 10/17/00

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	10.90	10.83	10.97	1471808
		*2	11.19	11.12	11.26	1946230
		*3	12.50	12.43	12.57	5303006
		4	12.91	12.84	12.98	6020350
		5				
Aroclor-1016	0.10	*1	5.09	5.02	5.16	3896660
		*2	5.90	5.83	5.97	7128580
		*3	6.93	6.86	7.00	12348310
		4	7.22	7.15	7.29	4702380
		5	8.11	8.04	8.18	5191080
Aroclor-1221	0.20	*1	4.67	4.60	4.74	2214480
		*2	5.01	4.94	5.08	1430780
		*3	5.09	5.02	5.16	5221240
		4				
		5				
Aroclor-1232	0.10	*1	5.09	5.02	5.16	4131870
		*2	5.90	5.83	5.97	2980000
		*3	6.93	6.86	7.00	4276840
		4	7.22	7.15	7.29	1820370
		5				
Aroclor-1242	0.10	*1	5.09	5.02	5.16	3204280
		*2	5.91	5.84	5.98	4491500
		*3	6.93	6.86	7.00	8477280
		4	7.22	7.15	7.29	3190820
		5	8.11	8.04	8.18	3733690
Aroclor-1248	0.10	*1	5.90	5.83	5.97	2537250
		*2	6.93	6.86	7.00	5717010
		*3	8.11	8.04	8.18	6305950
		4	10.29	10.22	10.36	2681500
		5	10.88	10.81	10.95	1375070
Aroclor-1254	0.10	*1	7.66	7.59	7.73	3706880
		*2	8.92	8.85	8.99	4459250
		*3	9.49	9.42	9.56	7331660
		4	10.29	10.22	10.36	7470340
		5	11.81	11.74	11.88	9070370
Aroclor-1260	0.10	*1	9.49	9.42	9.56	2581180
		*2	10.67	10.60	10.74	7520550
		*3	11.25	11.18	11.32	14071350
		4	11.80	11.73	11.87	13790580
		5	13.72	13.65	13.79	7693190

* Denotes required peaks

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6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Instrument ID: A2HP3 Date(s) Analyzed: 10/16/00 10/17/00

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	*1	12.51	12.44	12.58	3822602
		*2	13.22	13.15	13.29	4829194
		*3	14.21	14.14	14.28	5246194
		4	15.54	15.47	15.61	3561502
		5				
Aroclor-1016	0.10	*1	6.55	6.48	6.62	2725940
		*2	7.51	7.44	7.58	5468010
		*3	8.52	8.45	8.59	9974120
		4	9.84	9.77	9.91	3310090
		5	10.09	10.02	10.16	3310690
Aroclor-1221	0.20	*1	6.08	6.01	6.15	1709395
		*2	6.42	6.35	6.49	1153795
		*3	6.55	6.48	6.62	4139075
		4				
		5				
Aroclor-1232	0.10	*1	6.55	6.48	6.62	3230830
		*2	7.51	7.44	7.58	2490900
		*3	8.52	8.45	8.59	4156310
		4	10.09	10.02	10.16	1613190
		5				
Aroclor-1242	0.10	*1	6.55	6.48	6.62	2303390
		*2	7.51	7.44	7.58	3891040
		*3	8.52	8.45	8.59	7276720
		4	9.84	9.77	9.91	2541000
		5	10.74	10.67	10.81	2950400
Aroclor-1248	0.10	*1	8.52	8.45	8.59	5146670
		*2	9.29	9.22	9.36	3332390
		*3	10.09	10.02	10.16	5107260
		4	10.74	10.67	10.81	5948280
		5	12.08	12.01	12.15	2871560
Aroclor-1254	0.10	*1	10.72	10.65	10.79	5364870
		*2	11.15	11.08	11.22	5264030
		*3	12.08	12.01	12.15	8999350
		4	12.56	12.49	12.63	5857230
		5	13.25	13.18	13.32	4596970
Aroclor-1260	0.10	*1	11.15	11.08	11.22	2631250
		*2	12.15	12.08	12.22	3165000
		*3	12.93	12.86	13.00	7748010
		4	13.63	13.56	13.70	11437980
		5	15.65	15.58	15.72	8743030

* Denotes required peaks

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6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): RESC1 Lab Sample ID (1): C511

Date Analyzed (1): 09/06/00 Time Analyzed (1): 1608

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	gamma-Chlordane	10.02	100.0
03	Endosulfan I	10.53	100.0
04	4,4'-DDE	10.65	100.0
05	Dieldrin	11.04	100.0
06	Methoxychlor	14.83	100.0
07	Endosulfan sulfate	15.27	100.0
08	Endrin ketone	17.01	100.0
09	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): RESC1 Lab Sample ID (2): C511

Date Analyzed (2): 09/06/00 Time Analyzed (2): 1608

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	gamma-Chlordane	11.65	100.0
03	Endosulfan I	12.04	100.0
04	4,4'-DDE	12.52	100.0
05	Dieldrin	12.72	100.0
06	Endosulfan sulfate	19.45	100.0
07	Methoxychlor	21.32	100.0
08	Endrin ketone	21.70	100.0
09	Decachlorobiphenyl	25.85	

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): RESC1 Lab Sample ID (1): C511

Date Analyzed (1): 10/12/00 Time Analyzed (1): 1625

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	gamma-Chlordane	9.48	100.0
03	Endosulfan I	9.98	100.0
04	4,4'-DDE	10.13	100.0
05	Dieldrin	10.49	100.0
06	Methoxychlor	13.05	89.0
07	Endosulfan sulfate	13.17	100.0
08	Endrin ketone	13.66	100.0
09	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): RESC1 Lab Sample ID (2): C511

Date Analyzed (2): 10/12/00 Time Analyzed (2): 1625

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	gamma-Chlordane	11.03	100.0
03	Endosulfan I	11.41	100.0
04	4,4'-DDE	11.86	96.0
05	Dieldrin	11.99	100.0
06	Endosulfan sulfate	14.33	100.0
07	Methoxychlor	15.16	99.0
08	Endrin ketone	15.34	100.0
09	Decachlorobiphenyl	17.97	

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): RESC1 Lab Sample ID (1): C511

Date Analyzed (1): 10/16/00 Time Analyzed (1): 1523

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	gamma-Chlordane	9.47	100.0
03	Endosulfan I	9.98	100.0
04	4,4'-DDE	10.13	100.0
05	Dieldrin	10.49	100.0
06	Methoxychlor	13.06	77.0
07	Endosulfan sulfate	13.16	100.0
08	Endrin ketone	13.66	100.0
09	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): RESC1 Lab Sample ID (2): C511

Date Analyzed (2): 10/16/00 Time Analyzed (2): 1523

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	gamma-Chlordane	11.02	100.0
03	Endosulfan I	11.40	100.0
04	4,4'-DDE	11.86	90.0
05	Dieldrin	11.98	100.0
06	Endosulfan sulfate	14.33	100.0
07	Methoxychlor	15.15	98.0
08	Endrin ketone	15.33	100.0
09	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM1 Lab Sample ID (1): C533

Date Analyzed (1): 09/06/00 Time Analyzed (1): 1641

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.47	100.0
07	Methoxychlor	14.83	100.0
08	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM1 Lab Sample ID (2): C533

Date Analyzed (2): 09/06/00 Time Analyzed (2): 1641

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.83	100.0
06	4,4'-DDT	17.44	100.0
07	Methoxychlor	21.33	100.0
08	Decachlorobiphenyl	25.85	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM2 Lab Sample ID (1): C533

Date Analyzed (1): 09/07/00 Time Analyzed (1): 0045

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.47	100.0
07	Methoxychlor	14.83	100.0
08	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM2 Lab Sample ID (2): C533

Date Analyzed (2): 09/07/00 Time Analyzed (2): 0045

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.82	100.0
06	4,4'-DDT	17.43	100.0
07	Methoxychlor	21.33	100.0
08	Decachlorobiphenyl	25.86	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM6 Lab Sample ID (1): PEM6 C533

Date Analyzed (1): 09/13/00 Time Analyzed (1): 1645

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.62	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.47	100.0
07	Methoxychlor	14.84	100.0
08	Decachlorobiphenyl	22.50	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM6 Lab Sample ID (2): C533

Date Analyzed (2): 09/13/00 Time Analyzed (2): 1645

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.82	100.0
06	4,4'-DDT	17.44	100.0
07	Methoxychlor	21.33	100.0
08	Decachlorobiphenyl	25.86	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM7 Lab Sample ID (1): PEM7

Date Analyzed (1): 09/14/00 Time Analyzed (1): 1223

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.46	100.0
07	Methoxychlor	14.83	100.0
08	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM7 Lab Sample ID (2): PEM7

Date Analyzed (2): 09/14/00 Time Analyzed (2): 1223

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.82	100.0
06	4,4'-DDT	17.43	100.0
07	Methoxychlor	21.32	100.0
08	Decachlorobiphenyl	25.86	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM8 Lab Sample ID (1): PEM8 C533

Date Analyzed (1): 09/15/00 Time Analyzed (1): 0403

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.62	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.46	100.0
07	Methoxychlor	14.83	100.0
08	Decachlorobiphenyl	22.50	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM8 Lab Sample ID (2): PEM8 C533

Date Analyzed (2): 09/15/00 Time Analyzed (2): 0403

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.82	100.0
06	4,4'-DDT	17.43	100.0
07	Methoxychlor	21.32	100.0
08	Decachlorobiphenyl	25.86	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): PEM9 Lab Sample ID (1): PEM9 C533

Date Analyzed (1): 09/18/00 Time Analyzed (1): 2059

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.62	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	beta-BHC	6.98	100.0
05	Endrin	11.48	100.0
06	4,4'-DDT	12.46	100.0
07	Methoxychlor	14.84	100.0
08	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): PEM9 Lab Sample ID (2): PEM9 C533

Date Analyzed (2): 09/18/00 Time Analyzed (2): 2059

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.77	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	beta-BHC	8.54	100.0
05	Endrin	13.82	100.0
06	4,4'-DDT	17.43	100.0
07	Methoxychlor	21.32	100.0
08	Decachlorobiphenyl	25.85	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM1 Lab Sample ID (1): C533

Date Analyzed (1): 10/12/00 Time Analyzed (1): 1702

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.05	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM1 Lab Sample ID (2): C533

Date Analyzed (2): 10/12/00 Time Analyzed (2): 1702

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.59	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.16	100.0
08	Decachlorobiphenyl	17.97	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM2 Lab Sample ID (1): C533

Date Analyzed (1): 10/13/00 Time Analyzed (1): 0221

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.90	100.0
07	Methoxychlor	13.05	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM2 Lab Sample ID (2): C533

Date Analyzed (2): 10/13/00 Time Analyzed (2): 0221

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.59	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.16	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM3 Lab Sample ID (1): C533

Date Analyzed (1): 10/13/00 Time Analyzed (1): 2250

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.05	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM3 Lab Sample ID (2): C533

Date Analyzed (2): 10/13/00 Time Analyzed (2): 2250

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.59	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.16	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: 01013IC

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM4 Lab Sample ID (1): PEM4 C533

Date Analyzed (1): 10/14/00 Time Analyzed (1): 2000

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.06	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM4 Lab Sample ID (2): PEM4 C533

Date Analyzed (2): 10/14/00 Time Analyzed (2): 2000

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.58	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.15	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM1 Lab Sample ID (1): C533

Date Analyzed (1): 10/16/00 Time Analyzed (1): 1600

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.46	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.05	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM1 Lab Sample ID (2): C533

Date Analyzed (2): 10/16/00 Time Analyzed (2): 1600

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.58	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.15	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM2 Lab Sample ID (1): C533

Date Analyzed (1): 10/17/00 Time Analyzed (1): 0119

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.46	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.06	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM2 Lab Sample ID (2): C533

Date Analyzed (2): 10/17/00 Time Analyzed (2): 0119

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.98	100.0
05	Endrin	12.58	100.0
06	4,4'-DDT	13.66	100.0
07	Methoxychlor	15.15	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM3 Lab Sample ID (1): PEM3 C533

Date Analyzed (1): 10/17/00 Time Analyzed (1): 2001

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.46	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.06	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM3 Lab Sample ID (2): PEM3 C533

Date Analyzed (2): 10/17/00 Time Analyzed (2): 2001

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	alpha-BHC	6.84	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	beta-BHC	7.97	100.0
05	Endrin	12.58	100.0
06	4,4'-DDT	13.65	100.0
07	Methoxychlor	15.15	100.0
08	Decachlorobiphenyl	17.96	

6H
PERFORMACE EVALUATION MIXTURE (PEM)

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): PEM4 Lab Sample ID (1): PEM4 C533

Date Analyzed (1): 10/18/00 Time Analyzed (1): 1900

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.46	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	beta-BHC	6.47	100.0
05	Endrin	10.93	100.0
06	4,4'-DDT	11.91	100.0
07	Methoxychlor	13.06	100.0
08	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): PEM4 Lab Sample ID (2): PEM4 C533

Date Analyzed (2): 10/18/00 Time Analyzed (2): 1900

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	alpha-BHC	6.84	100.0
03	gamma-BHC(Lindane)	7.69	100.0
04	beta-BHC	7.97	100.0
05	Endrin	12.58	100.0
06	4,4'-DDT	13.65	100.0
07	Methoxychlor	15.15	100.0
08	Decachlorobiphenyl	17.96	

6I
INDIVIDUAL STANDARD MIXTURE A

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): INDAM1 Lab Sample ID (1): C618

Date Analyzed (1): 09/06/00 Time Analyzed (1): 2203

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	alpha-BHC	5.96	100.0
03	gamma-BHC(Lindane)	6.70	100.0
04	Heptachlor	7.76	100.0
05	Endosulfan I	10.53	100.0
06	Dieldrin	11.05	100.0
07	Endrin	11.49	100.0
08	4,4'-DDD	11.87	100.0
09	4,4'-DDT	12.47	100.0
10	Methoxychlor	14.84	100.0
11	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): INDAM1 Lab Sample ID (2): C618

Date Analyzed (2): 09/06/00 Time Analyzed (2): 2203

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	alpha-BHC	7.40	100.0
03	gamma-BHC(Lindane)	8.27	100.0
04	Heptachlor	9.25	100.0
05	Endosulfan I	12.05	100.0
06	Dieldrin	12.72	100.0
07	Endrin	13.83	100.0
08	4,4'-DDD	15.19	100.0
09	4,4'-DDT	17.44	100.0
10	Methoxychlor	21.33	100.0
11	Decachlorobiphenyl	25.86	

6I
INDIVIDUAL STANDARD MIXTURE A

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): INDAM1 Lab Sample ID (1): C618

Date Analyzed (1): 10/12/00 Time Analyzed (1): 2314

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.20	100.0
04	Heptachlor	7.23	100.0
05	Endosulfan I	9.98	100.0
06	Dieldrin	10.50	100.0
07	Endrin	10.93	100.0
08	4,4'-DDD	11.35	100.0
09	4,4'-DDT	11.90	100.0
10	Methoxychlor	13.05	100.0
11	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): INDAM1 Lab Sample ID (2): C618

Date Analyzed (2): 10/12/00 Time Analyzed (2): 2314

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	Heptachlor	8.65	100.0
05	Endosulfan I	11.41	100.0
06	Dieldrin	11.99	100.0
07	Endrin	12.59	100.0
08	4,4'-DDD	13.05	100.0
09	4,4'-DDT	13.66	100.0
10	Methoxychlor	15.16	100.0
11	Decachlorobiphenyl	17.96	

6I
INDIVIDUAL STANDARD MIXTURE A

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): INDAM1 Lab Sample ID (1): C656

Date Analyzed (1): 10/16/00 Time Analyzed (1): 2212

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	alpha-BHC	5.47	100.0
03	gamma-BHC(Lindane)	6.19	100.0
04	Heptachlor	7.23	100.0
05	Endosulfan I	9.98	100.0
06	Dieldrin	10.49	100.0
07	Endrin	10.93	100.0
08	4,4'-DDD	11.36	100.0
09	4,4'-DDT	11.91	100.0
10	Methoxychlor	13.06	100.0
11	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): INDAM1 Lab Sample ID (2): C656

Date Analyzed (2): 10/16/00 Time Analyzed (2): 2212

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	alpha-BHC	6.85	100.0
03	gamma-BHC(Lindane)	7.70	100.0
04	Heptachlor	8.64	100.0
05	Endosulfan I	11.40	100.0
06	Dieldrin	11.98	100.0
07	Endrin	12.58	100.0
08	4,4'-DDD	13.05	100.0
09	4,4'-DDT	13.66	100.0
10	Methoxychlor	15.16	100.0
11	Decachlorobiphenyl	17.96	

6J
INDIVIDUAL STANDARD MIXTURE B

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP4

EPA Sample No. (Standard 1): INDBM1 Lab Sample ID (1): C619

Date Analyzed (1): 09/06/00 Time Analyzed (1): 2236

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.63	100.0
02	beta-BHC	6.98	100.0
03	delta-BHC	7.33	100.0
04	Aldrin	8.38	100.0
05	Heptachlor epoxide	9.75	100.0
06	gamma-Chlordane	10.02	100.0
07	alpha-Chlordane	10.30	100.0
08	4,4'-DDE	10.65	100.0
09	Endosulfan II	11.96	100.0
10	Endrin aldehyde	13.04	100.0
11	Endosulfan sulfate	15.27	100.0
12	Endrin ketone	17.01	100.0
13	Decachlorobiphenyl	22.49	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP4

EPA Sample No. (Standard 2): INDBM1 Lab Sample ID (2): C619

Date Analyzed (2): 09/06/00 Time Analyzed (2): 2236

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.78	100.0
02	beta-BHC	8.54	100.0
03	delta-BHC	9.20	100.0
04	Aldrin	9.93	100.0
05	Heptachlor epoxide	11.25	100.0
06	gamma-Chlordane	11.66	100.0
07	alpha-Chlordane	11.98	100.0
08	4,4'-DDE	12.52	100.0
09	Endosulfan II	15.25	100.0
10	Endrin aldehyde	17.82	100.0
11	Endosulfan sulfate	19.46	100.0
12	Endrin ketone	21.70	100.0
13	Decachlorobiphenyl	25.86	

6J
INDIVIDUAL STANDARD MIXTURE B

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): INDBM1 Lab Sample ID (1): C619

Date Analyzed (1): 10/12/00 Time Analyzed (1): 2352

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	beta-BHC	6.47	100.0
03	delta-BHC	6.82	100.0
04	Aldrin	7.84	100.0
05	Heptachlor epoxide	9.21	100.0
06	gamma-Chlordane	9.48	100.0
07	alpha-Chlordane	9.76	100.0
08	4,4'-DDE	10.13	100.0
09	Endosulfan II	11.40	100.0
10	Endrin aldehyde	12.29	100.0
11	Endosulfan sulfate	13.16	100.0
12	Endrin ketone	13.66	100.0
13	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): INDBM1 Lab Sample ID (2): C619

Date Analyzed (2): 10/12/00 Time Analyzed (2): 2352

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.27	100.0
02	beta-BHC	7.98	100.0
03	delta-BHC	8.62	100.0
04	Aldrin	9.32	100.0
05	Heptachlor epoxide	10.63	100.0
06	gamma-Chlordane	11.03	100.0
07	alpha-Chlordane	11.35	100.0
08	4,4'-DDE	11.86	100.0
09	Endosulfan II	13.05	100.0
10	Endrin aldehyde	13.77	100.0
11	Endosulfan sulfate	14.33	100.0
12	Endrin ketone	15.34	100.0
13	Decachlorobiphenyl	17.97	

6J
INDIVIDUAL STANDARD MIXTURE B

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column (1): RTX-CLPPESTICIDES ID: 0.53 (mm) Instrument ID (1): A2HP3

EPA Sample No. (Standard 1): INDBM1 Lab Sample ID (1): C657

Date Analyzed (1): 10/16/00 Time Analyzed (1): 2250

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	4.17	100.0
02	beta-BHC	6.47	100.0
03	delta-BHC	6.82	100.0
04	Aldrin	7.84	100.0
05	Heptachlor epoxide	9.21	100.0
06	gamma-Chlordane	9.47	100.0
07	alpha-Chlordane	9.76	100.0
08	4,4'-DDE	10.13	100.0
09	Endosulfan II	11.40	100.0
10	Endrin aldehyde	12.29	100.0
11	Endosulfan sulfate	13.16	100.0
12	Endrin ketone	13.66	100.0
13	Decachlorobiphenyl	15.91	

GC Column (2): RTX-CLP2 PESTICIDES ID: 0.53 (mm) Instrument ID (2): A2HP3

EPA Sample No. (Standard 2): INDBM1 Lab Sample ID (2): C657

Date Analyzed (2): 10/16/00 Time Analyzed (2): 2250

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.26	100.0
02	beta-BHC	7.98	100.0
03	delta-BHC	8.62	100.0
04	Aldrin	9.32	100.0
05	Heptachlor epoxide	10.62	100.0
06	gamma-Chlordane	11.02	100.0
07	alpha-Chlordane	11.34	100.0
08	4,4'-DDE	11.86	100.0
09	Endosulfan II	13.04	100.0
10	Endrin aldehyde	13.77	100.0
11	Endosulfan sulfate	14.33	100.0
12	Endrin ketone	15.34	100.0
13	Decachlorobiphenyl	17.96	

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :09/06/00

Lab Sample ID (PEM): C533 Time Analyzed :1641

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0082	0.010	-18.0
beta-BHC	6.98	6.93	7.03	0.010	0.010	0.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0086	0.010	-14.0
Endrin	11.48	11.41	11.55	0.050	0.050	0.0
4,4'-DDT	12.47	12.40	12.54	0.090	0.10	-10.0
Methoxychlor	14.83	14.77	14.91	0.22	0.25	-12.0

4,4'-DDT % breakdown (1): 0.00 Endrin % breakdown (1): 0.00

Combined % breakdown (1): _____

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :09/07/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0012

EPA Sample No.(PEM): PEM2 Date Analyzed :09/07/00

Lab Sample ID (PEM): C533 Time Analyzed :0045

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0090	0.010	-10.0
beta-BHC	6.98	6.93	7.03	0.011	0.010	10.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0092	0.010	-8.0
Endrin	11.48	11.41	11.55	0.054	0.050	8.0
4,4'-DDT	12.47	12.40	12.54	0.100	0.10	0.0
Methoxychlor	14.83	14.77	14.91	0.24	0.25	-4.0

4,4'-DDT % breakdown (1): 0.00 Endrin % breakdown (1): 0.00

Combined % breakdown (1): _____

FORM VII PEST-1 OLM03.0

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK8 Date Analyzed :09/13/00

Lab Sample ID (PIBLK): PIBLK8 C509 Time Analyzed :1613

EPA Sample No.(PEM): PEM6 Date Analyzed :09/13/00

Lab Sample ID (PEM): PEM6 C533 Time Analyzed :1645

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0086	0.010	-14.0
beta-BHC	6.98	6.93	7.03	0.0096	0.010	-4.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0082	0.010	-18.0
Endrin	11.48	11.41	11.55	0.047	0.050	-6.0
4,4'-DDT	12.47	12.40	12.54	0.085	0.10	-15.0
Methoxychlor	14.84	14.77	14.91	0.21	0.25	-16.0

4,4'-DDT % breakdown (1): 0.52 Endrin % breakdown (1): 0.00

Combined % breakdown (1): 0.52

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK11 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): PIBLK11 C509 Time Analyzed :1958

EPA Sample No.(PEM): PEM7 Date Analyzed :09/14/00

Lab Sample ID (PEM): PEM7 Time Analyzed :1223

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0076	0.010	-24.0
beta-BHC	6.98	6.93	7.03	0.0086	0.010	-14.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0075	0.010	-25.0
Endrin	11.48	11.41	11.55	0.043	0.050	-14.0
4,4'-DDT	12.46	12.40	12.54	0.078	0.10	-22.0
Methoxychlor	14.83	14.77	14.91	0.19	0.25	-24.0

4,4'-DDT % breakdown (1): 0.00 Endrin % breakdown (1): 0.00

Combined % breakdown (1): _____

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK12 Date Analyzed :09/15/00

Lab Sample ID (PIBLK): PIBLK12 C509 Time Analyzed :0331

EPA Sample No.(PEM): PEM8 Date Analyzed :09/15/00

Lab Sample ID (PEM): PEM8 C533 Time Analyzed :0403

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0100	0.010	0.0
beta-BHC	8.54	8.49	8.59	0.012	0.010	20.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0096	0.010	-4.0
Endrin	13.82	13.76	13.90	0.058	0.050	16.0
4,4'-DDT	17.43	17.37	17.51	0.11	0.10	10.0
Methoxychlor	21.32	21.26	21.40	0.27	0.25	8.0

4,4'-DDT % breakdown (1): 1.21 Endrin % breakdown (1): 4.71

Combined % breakdown (1): 5.93

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK13 Date Analyzed :09/18/00

Lab Sample ID (PIBLK): PIBLK13 C509 Time Analyzed :2027

EPA Sample No.(PEM): PEM9 Date Analyzed :09/18/00

Lab Sample ID (PEM): PEM9 C533 Time Analyzed :2059

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0080	0.010	-20.0
beta-BHC	6.98	6.93	7.03	0.0093	0.010	-7.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0080	0.010	-20.0
Endrin	11.48	11.41	11.55	0.048	0.050	-4.0
4,4'-DDT	12.46	12.40	12.54	0.087	0.10	-13.0
Methoxychlor	14.84	14.77	14.91	0.21	0.25	-16.0

4,4'-DDT % breakdown (1): 0.40 Endrin % breakdown (1): 0.00

Combined % breakdown (1): 0.40

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :09/06/00

Lab Sample ID (PEM): C533 Time Analyzed :1641

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0083	0.010	-17.0
beta-BHC	8.54	8.49	8.59	0.010	0.010	0.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0087	0.010	-13.0
Endrin	13.83	13.76	13.90	0.050	0.050	0.0
4,4'-DDT	17.44	17.37	17.51	0.089	0.10	-11.0
Methoxychlor	21.33	21.26	21.40	0.22	0.25	-12.0

4,4'-DDT % breakdown (1): 0.43 Endrin % breakdown (1): 3.70

Combined % breakdown (1): 4.13

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :09/07/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0012

EPA Sample No.(PEM): PEM2 Date Analyzed :09/07/00

Lab Sample ID (PEM): C533 Time Analyzed :0045

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0090	0.010	-10.0
beta-BHC	8.54	8.49	8.59	0.011	0.010	10.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0094	0.010	-6.0
Endrin	13.82	13.76	13.90	0.054	0.050	8.0
4,4'-DDT	17.43	17.37	17.51	0.099	0.10	-1.0
Methoxychlor	21.33	21.26	21.40	0.24	0.25	-4.0

4,4'-DDT % breakdown (1): 0.49 Endrin % breakdown (1): 4.65

Combined % breakdown (1): 5.14

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK8 Date Analyzed :09/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :1613

EPA Sample No.(PEM): PEM6 Date Analyzed :09/13/00

Lab Sample ID (PEM): C533 Time Analyzed :1645

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0090	0.010	-10.0
beta-BHC	8.54	8.49	8.59	0.010	0.010	0.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0088	0.010	-12.0
Endrin	13.82	13.76	13.90	0.050	0.050	0.0
4,4'-DDT	17.44	17.37	17.51	0.090	0.10	-10.0
Methoxychlor	21.33	21.26	21.40	0.22	0.25	-12.0

4,4'-DDT % breakdown (1): 0.59 Endrin % breakdown (1): 2.93

Combined % breakdown (1): 3.52

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK10 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): PIBLK10 Time Analyzed :1151

EPA Sample No.(PEM): PEM7 Date Analyzed :09/14/00

Lab Sample ID (PEM): PEM7 Time Analyzed :1223

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0079	0.010	-21.0
beta-BHC	8.54	8.49	8.59	0.0094	0.010	-6.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0079	0.010	-21.0
Endrin	13.82	13.76	13.90	0.045	0.050	-10.0
4,4'-DDT	17.43	17.37	17.51	0.082	0.10	-18.0
Methoxychlor	21.32	21.26	21.40	0.20	0.25	-20.0

4,4'-DDT % breakdown (1): 0.44 Endrin % breakdown (1): 2.86

Combined % breakdown (1): 3.30

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK12 Date Analyzed :09/15/00

Lab Sample ID (PIBLK): PIBLK12 C509 Time Analyzed :0331

EPA Sample No.(PEM): PEM8 Date Analyzed :09/15/00

Lab Sample ID (PEM): PEM8 C533 Time Analyzed :0403

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.0095	0.010	-5.0
beta-BHC	6.98	6.93	7.03	0.011	0.010	10.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.0090	0.010	-10.0
Endrin	11.48	11.41	11.55	0.054	0.050	8.0
4,4'-DDT	12.46	12.40	12.54	0.100	0.10	0.0
Methoxychlor	14.83	14.77	14.91	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 0.60 Endrin % breakdown (1): 0.00

Combined % breakdown (1): 0.60

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK13 Date Analyzed :09/18/00

Lab Sample ID (PIBLK): PIBLK13 C509 Time Analyzed :2027

EPA Sample No.(PEM): PEM9 Date Analyzed :09/18/00

Lab Sample ID (PEM): PEM9 C533 Time Analyzed :2059

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.0083	0.010	-17.0
beta-BHC	8.54	8.49	8.59	0.0097	0.010	-3.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.0084	0.010	-16.0
Endrin	13.82	13.76	13.90	0.049	0.050	-2.0
4,4'-DDT	17.43	17.37	17.51	0.089	0.10	-11.0
Methoxychlor	21.32	21.26	21.40	0.22	0.25	-12.0

4,4'-DDT % breakdown (1): 0.45 Endrin % breakdown (1): 2.63

Combined % breakdown (1): 3.08

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :10/12/00

Lab Sample ID (PEM): C533 Time Analyzed :1702

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.47	5.42	5.52	0.0092	0.010	-8.0
beta-BHC	6.47	6.42	6.52	0.011	0.010	10.0
gamma-BHC(Lindane)	6.19	6.15	6.25	0.0094	0.010	-6.0
Endrin	10.93	10.86	11.00	0.053	0.050	6.0
4,4'-DDT	11.91	11.83	11.97	0.096	0.10	-4.0
Methoxychlor	13.05	12.98	13.12	0.24	0.25	-4.0

4,4'-DDT % breakdown (1): 1.82 Endrin % breakdown (1): 2.33

Combined % breakdown (1): 4.16

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :10/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0143

EPA Sample No.(PEM): PEM2 Date Analyzed :10/13/00

Lab Sample ID (PEM): C533 Time Analyzed :0221

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.47	5.42	5.52	0.0094	0.010	-6.0
beta-BHC	6.47	6.42	6.52	0.012	0.010	20.0
gamma-BHC(Lindane)	6.19	6.15	6.25	0.0096	0.010	-4.0
Endrin	10.93	10.86	11.00	0.055	0.050	10.0
4,4'-DDT	11.90	11.83	11.97	0.10	0.10	0.0
Methoxychlor	13.05	12.98	13.12	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 2.10 Endrin % breakdown (1): 2.98

Combined % breakdown (1): 5.07

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

EPA Sample No.(PIBLK): PIBLK3 Date Analyzed :10/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :2212

EPA Sample No.(PEM): PEM3 Date Analyzed :10/13/00

Lab Sample ID (PEM): C533 Time Analyzed :2250

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.47	5.42	5.52	0.0096	0.010	-4.0
beta-BHC	6.47	6.42	6.52	0.012	0.010	20.0
gamma-BHC(Lindane)	6.19	6.15	6.25	0.0098	0.010	-2.0
Endrin	10.93	10.86	11.00	0.056	0.050	12.0
4,4'-DDT	11.91	11.83	11.97	0.10	0.10	0.0
Methoxychlor	13.05	12.98	13.12	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 0.84 Endrin % breakdown (1): 2.61

Combined % breakdown (1): 3.45

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

EPA Sample No.(PIBLK): PIBLK5 Date Analyzed :10/14/00

Lab Sample ID (PIBLK): C509 Time Analyzed :1845

EPA Sample No.(PEM): PEM4 Date Analyzed :10/14/00

Lab Sample ID (PEM): PEM4 C533 Time Analyzed :2000

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.47	5.42	5.52	0.0096	0.010	-4.0
beta-BHC	6.47	6.42	6.52	0.012	0.010	20.0
gamma-BHC(Lindane)	6.19	6.15	6.25	0.0097	0.010	-3.0
Endrin	10.93	10.86	11.00	0.055	0.050	10.0
4,4'-DDT	11.91	11.83	11.97	0.10	0.10	0.0
Methoxychlor	13.06	12.98	13.12	0.24	0.25	-4.0

4,4'-DDT % breakdown (1): 1.75 Endrin % breakdown (1): 2.95

Combined % breakdown (1): 4.70

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :10/12/00

Lab Sample ID (PEM): C533 Time Analyzed :1702

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0092	0.010	-8.0
beta-BHC	7.98	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0095	0.010	-5.0
Endrin	12.59	12.52	12.66	0.054	0.050	8.0
4,4'-DDT	13.66	13.59	13.73	0.094	0.10	-6.0
Methoxychlor	15.16	15.09	15.23	0.23	0.25	-8.0

4,4'-DDT % breakdown (1): 1.88 Endrin % breakdown (1): 2.31

Combined % breakdown (1): 4.19

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :10/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0143

EPA Sample No.(PEM): PEM2 Date Analyzed :10/13/00

Lab Sample ID (PEM): C533 Time Analyzed :0221

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0092	0.010	-8.0
beta-BHC	7.98	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0095	0.010	-5.0
Endrin	12.59	12.52	12.66	0.054	0.050	8.0
4,4'-DDT	13.66	13.59	13.73	0.10	0.10	0.0
Methoxychlor	15.16	15.09	15.23	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 2.11 Endrin % breakdown (1): 1.44

Combined % breakdown (1): 3.55

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK3 Date Analyzed :10/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :2212

EPA Sample No.(PEM): PEM3 Date Analyzed :10/13/00

Lab Sample ID (PEM): C533 Time Analyzed :2250

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0096	0.010	-4.0
beta-BHC	7.98	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0098	0.010	-2.0
Endrin	12.59	12.52	12.66	0.056	0.050	12.0
4,4'-DDT	13.66	13.59	13.73	0.088	0.10	-12.0
Methoxychlor	15.16	15.09	15.23	0.21	0.25	-16.0

4,4'-DDT % breakdown (1): 1.17 Endrin % breakdown (1): 1.60

Combined % breakdown (1): 2.78

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: 01013IC

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK5 Date Analyzed :10/14/00

Lab Sample ID (PIBLK): C509 Time Analyzed :1845

EPA Sample No.(PEM): PEM4 Date Analyzed :10/14/00

Lab Sample ID (PEM): PEM4 C533 Time Analyzed :2000

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0098	0.010	-2.0
beta-BHC	7.98	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0099	0.010	-1.0
Endrin	12.58	12.52	12.66	0.056	0.050	12.0
4,4'-DDT	13.66	13.59	13.73	0.081	0.10	-19.0
Methoxychlor	15.16	15.09	15.23	0.19	0.25	-24.0

4,4'-DDT % breakdown (1): 0.00 Endrin % breakdown (1): 0.00

Combined % breakdown (1): _____

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/17/

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :10/16/00

Lab Sample ID (PEM): C533 Time Analyzed :1600

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.0092	0.010	-8.0
beta-BHC	6.47	6.42	6.52	0.010	0.010	0.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.0096	0.010	-4.0
Endrin	10.93	10.86	11.00	0.055	0.050	10.0
4,4'-DDT	11.91	11.84	11.98	0.10	0.10	0.0
Methoxychlor	13.05	12.99	13.13	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 1.64 Endrin % breakdown (1): 3.51

Combined % breakdown (1): 5.15

FORM VII PEST-1 OLM03.0

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/17/

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :10/17/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0041

EPA Sample No.(PEM): PEM2 Date Analyzed :10/17/00

Lab Sample ID (PEM): C533 Time Analyzed :0119

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.010	0.010	0.0
beta-BHC	6.47	6.42	6.52	0.012	0.010	20.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.010	0.010	0.0
Endrin	10.93	10.86	11.00	0.058	0.050	16.0
4,4'-DDT	11.91	11.84	11.98	0.11	0.10	10.0
Methoxychlor	13.06	12.99	13.13	0.26	0.25	4.0

4,4'-DDT % breakdown (1): 1.66 Endrin % breakdown (1): 4.61

Combined % breakdown (1): 6.28

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM3 Date Analyzed :10/17/00

Lab Sample ID (PEM): PEM3 C533 Time Analyzed :2001

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.0095	0.010	-5.0
beta-BHC	6.47	6.42	6.52	0.011	0.010	10.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.0098	0.010	-2.0
Endrin	10.93	10.86	11.00	0.054	0.050	8.0
4,4'-DDT	11.91	11.84	11.98	0.100	0.10	0.0
Methoxychlor	13.06	12.99	13.13	0.23	0.25	-8.0

4,4'-DDT % breakdown (1): 1.69 Endrin % breakdown (1): 4.16

Combined % breakdown (1): 5.84

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM4 Date Analyzed :10/18/00

Lab Sample ID (PEM): PEM4 C533 Time Analyzed :1900

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.0098	0.010	-2.0
beta-BHC	6.47	6.42	6.52	0.011	0.010	10.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.010	0.010	0.0
Endrin	10.93	10.86	11.00	0.057	0.050	14.0
4,4'-DDT	11.91	11.84	11.98	0.10	0.10	0.0
Methoxychlor	13.06	12.99	13.13	0.25	0.25	0.0

4,4'-DDT % breakdown (1): 2.14 Endrin % breakdown (1): 4.23

Combined % breakdown (1): 6.37

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/1

EPA Sample No.(PIBLK): _____ Date Analyzed :_____

Lab Sample ID (PIBLK): _____ Time Analyzed :_____

EPA Sample No.(PEM): PEM1 Date Analyzed :10/16/00

Lab Sample ID (PEM): C533 Time Analyzed :1600

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0088	0.010	-12.0
beta-BHC	7.98	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0091	0.010	-9.0
Endrin	12.58	12.51	12.65	0.052	0.050	4.0
4,4'-DDT	13.66	13.59	13.73	0.093	0.10	-7.0
Methoxychlor	15.15	15.09	15.23	0.23	0.25	-8.0

4,4'-DDT % breakdown (1): 1.67 Endrin % breakdown (1): 2.12

Combined % breakdown (1): 3.80

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/1

EPA Sample No.(PIBLK): PIBLK1 Date Analyzed :10/17/00

Lab Sample ID (PIBLK): C519 Time Analyzed :0041

EPA Sample No.(PEM): PEM2 Date Analyzed :10/17/00

Lab Sample ID (PEM): C533 Time Analyzed :0119

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.0098	0.010	-2.0
beta-BHC	7.98	7.93	8.03	0.012	0.010	20.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.010	0.010	0.0
Endrin	12.58	12.51	12.65	0.056	0.050	12.0
4,4'-DDT	13.66	13.59	13.73	0.11	0.10	10.0
Methoxychlor	15.15	15.09	15.23	0.26	0.25	4.0

4,4'-DDT % breakdown (1): 1.75 Endrin % breakdown (1): 2.97

Combined % breakdown (1): 4.72

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK2 Date Analyzed :10/17/00

Lab Sample ID (PIBLK): PIBLK2 C509 Time Analyzed :1924

EPA Sample No.(PEM): PEM3 Date Analyzed :10/17/00

Lab Sample ID (PEM): PEM3 C533 Time Analyzed :2001

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.84	6.80	6.90	0.0092	0.010	-8.0
beta-BHC	7.97	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.0094	0.010	-6.0
Endrin	12.58	12.51	12.65	0.052	0.050	4.0
4,4'-DDT	13.65	13.59	13.73	0.079	0.10	-21.0
Methoxychlor	15.15	15.08	15.22	0.19	0.25	-24.0

4,4'-DDT % breakdown (1): 1.72 Endrin % breakdown (1): 2.55

Combined % breakdown (1): 4.27

FORM VII PEST-1 OLM03.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK4 Date Analyzed :10/18/00

Lab Sample ID (PIBLK): PIBLK4 C509 Time Analyzed :1822

EPA Sample No.(PEM): PEM4 Date Analyzed :10/18/00

Lab Sample ID (PEM): PEM4 C533 Time Analyzed :1900

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.84	6.80	6.90	0.0092	0.010	-8.0
beta-BHC	7.97	7.93	8.03	0.011	0.010	10.0
gamma-BHC(Lindane)	7.69	7.65	7.75	0.0095	0.010	-5.0
Endrin	12.58	12.51	12.65	0.053	0.050	6.0
4,4'-DDT	13.65	13.59	13.73	0.084	0.10	-16.0
Methoxychlor	15.15	15.08	15.22	0.20	0.25	-20.0

4,4'-DDT % breakdown (1): 2.12 Endrin % breakdown (1): 2.62

Combined % breakdown (1): 4.73

FORM VII PEST-1 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK9 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): PIBLK9 C509 Time Analyzed :0247

EPA Sample No.(INDA): INDAM5 Date Analyzed :09/14/00

Lab Sample ID (INDA): INDAM5 Time Analyzed :0319

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.018	0.020	-10.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.018	0.020	-10.0
Heptachlor	7.75	7.71	7.81	0.017	0.020	-15.0
Endosulfan I	10.53	10.46	10.60	0.018	0.020	-10.0
Dieldrin	11.04	10.97	11.11	0.039	0.040	-2.5
Endrin	11.48	11.41	11.55	0.038	0.040	-5.0
4,4'-DDD	11.87	11.80	11.94	0.039	0.040	-2.5
4,4'-DDT	12.47	12.40	12.54	0.039	0.040	-2.5
Methoxychlor	14.83	14.77	14.91	0.19	0.20	-5.0
Tetrachloro-m-xylene	4.62	4.58	4.68	0.020	0.020	0.0
Decachlorobiphenyl	22.49	22.39	22.59	0.042	0.040	5.0

EPA Sample No.(INDB): INDBM5 Date Analyzed :09/14/00

Lab Sample ID (INDB): INDBM5 Time Analyzed :0352

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.98	6.93	7.03	0.017	0.020	-15.0
delta-BHC	7.33	7.28	7.38	0.017	0.020	-15.0
Aldrin	8.38	8.33	8.43	0.018	0.020	-10.0
Heptachlor epoxide	9.75	9.68	9.82	0.017	0.020	-15.0
4,4'-DDE	10.65	10.58	10.72	0.036	0.040	-10.0
Endosulfan II	11.96	11.89	12.03	0.034	0.040	-15.0
Endosulfan sulfate	15.26	15.20	15.34	0.034	0.040	-15.0
Endrin ketone	17.01	16.94	17.08	0.034	0.040	-15.0
Endrin aldehyde	13.03	12.97	13.11	0.034	0.040	-15.0
alpha-Chlordane	10.30	10.23	10.37	0.018	0.020	-10.0
gamma-Chlordane	10.02	9.95	10.09	0.017	0.020	-15.0
Tetrachloro-m-xylene	4.62	4.58	4.68	0.020	0.020	0.0
Decachlorobiphenyl	22.49	22.39	22.59	0.038	0.040	-5.0

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK9 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0247

EPA Sample No.(INDA): INDAM5 Date Analyzed :09/14/00

Lab Sample ID (INDA): C618 Time Analyzed :0319

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.019	0.020	-5.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.019	0.020	-5.0
Heptachlor	9.24	9.20	9.30	0.018	0.020	-10.0
Endosulfan I	12.04	11.97	12.11	0.019	0.020	-5.0
Dieldrin	12.72	12.65	12.79	0.041	0.040	2.5
Endrin	13.82	13.76	13.90	0.040	0.040	0.0
4,4'-DDD	15.18	15.12	15.26	0.042	0.040	5.0
4,4'-DDT	17.43	17.37	17.51	0.041	0.040	2.5
Methoxychlor	21.32	21.26	21.40	0.21	0.20	5.0
Tetrachloro-m-xylene	5.77	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.85	25.76	25.96	0.045	0.040	12.5

EPA Sample No.(INDB): INDBM5 Date Analyzed :09/14/00

Lab Sample ID (INDB): C619 Time Analyzed :0352

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	8.54	8.49	8.59	0.018	0.020	-10.0
delta-BHC	9.19	9.15	9.25	0.018	0.020	-10.0
Aldrin	9.93	9.88	9.98	0.019	0.020	-5.0
Heptachlor epoxide	11.24	11.18	11.32	0.018	0.020	-10.0
4,4'-DDE	12.51	12.45	12.59	0.038	0.040	-5.0
Endosulfan II	15.24	15.18	15.32	0.036	0.040	-10.0
Endosulfan sulfate	19.45	19.39	19.53	0.036	0.040	-10.0
Endrin ketone	21.70	21.63	21.77	0.036	0.040	-10.0
Endrin aldehyde	17.81	17.75	17.89	0.037	0.040	-7.5
alpha-Chlordane	11.98	11.91	12.05	0.019	0.020	-5.0
gamma-Chlordane	11.65	11.59	11.73	0.018	0.020	-10.0
Tetrachloro-m-xylene	5.77	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.86	25.76	25.96	0.040	0.040	0.0

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: 00913A

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK11 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): PIBLK11 C509 Time Analyzed :1958

EPA Sample No.(INDA): INDAM6 Date Analyzed :09/14/00

Lab Sample ID (INDA): C618 Time Analyzed :2031

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.019	0.020	-5.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.018	0.020	-10.0
Heptachlor	7.76	7.71	7.81	0.016	0.020	-20.0
Endosulfan I	10.53	10.46	10.60	0.018	0.020	-10.0
Dieldrin	11.04	10.97	11.11	0.038	0.040	-5.0
Endrin	11.48	11.41	11.55	0.037	0.040	-7.5
4,4'-DDD	11.87	11.80	11.94	0.038	0.040	-5.0
4,4'-DDT	12.47	12.40	12.54	0.037	0.040	-7.5
Methoxychlor	14.84	14.77	14.91	0.18	0.20	-10.0
Tetrachloro-m-xylene	4.62	4.58	4.68	0.020	0.020	0.0
Decachlorobiphenyl	22.50	22.39	22.59	0.040	0.040	0.0

EPA Sample No.(INDB): INDBM6 Date Analyzed :09/14/00

Lab Sample ID (INDB): C619 Time Analyzed :2103

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.98	6.93	7.03	0.018	0.020	-10.0
delta-BHC	7.33	7.28	7.38	0.018	0.020	-10.0
Aldrin	8.38	8.33	8.43	0.020	0.020	0.0
Heptachlor epoxide	9.75	9.68	9.82	0.019	0.020	-5.0
4,4'-DDE	10.65	10.58	10.72	0.040	0.040	0.0
Endosulfan II	11.96	11.89	12.03	0.038	0.040	-5.0
Endosulfan sulfate	15.27	15.20	15.34	0.038	0.040	-5.0
Endrin ketone	17.01	16.94	17.08	0.038	0.040	-5.0
Endrin aldehyde	13.03	12.97	13.11	0.036	0.040	-10.0
alpha-Chlordane	10.30	10.23	10.37	0.020	0.020	0.0
gamma-Chlordane	10.02	9.95	10.09	0.019	0.020	-5.0
Tetrachloro-m-xylene	4.62	4.58	4.68	0.021	0.020	5.0
Decachlorobiphenyl	22.50	22.39	22.59	0.041	0.040	2.5

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: 00913A

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK11 Date Analyzed :09/14/00

Lab Sample ID (PIBLK): PIBLK11 C509 Time Analyzed :1958

EPA Sample No.(INDA): INDAM6 Date Analyzed :09/14/00

Lab Sample ID (INDA): C618 Time Analyzed :2031

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.020	0.020	0.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.018	0.020	-10.0
Heptachlor	9.24	9.20	9.30	0.018	0.020	-10.0
Endosulfan I	12.04	11.97	12.11	0.019	0.020	-5.0
Dieldrin	12.72	12.65	12.79	0.040	0.040	0.0
Endrin	13.82	13.76	13.90	0.039	0.040	-2.5
4,4'-DDD	15.18	15.12	15.26	0.041	0.040	2.5
4,4'-DDT	17.43	17.37	17.51	0.038	0.040	-5.0
Methoxychlor	21.33	21.26	21.40	0.20	0.20	0.0
Tetrachloro-m-xylene	5.78	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.86	25.76	25.96	0.043	0.040	7.5

EPA Sample No.(INDB): INDBM6 Date Analyzed :09/14/00

Lab Sample ID (INDB): C619 Time Analyzed :2103

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	8.54	8.49	8.59	0.019	0.020	-5.0
delta-BHC	9.19	9.15	9.25	0.019	0.020	-5.0
Aldrin	9.93	9.88	9.98	0.020	0.020	0.0
Heptachlor epoxide	11.24	11.18	11.32	0.020	0.020	0.0
4,4'-DDE	12.51	12.45	12.59	0.042	0.040	5.0
Endosulfan II	15.24	15.18	15.32	0.040	0.040	0.0
Endosulfan sulfate	19.45	19.39	19.53	0.041	0.040	2.5
Endrin ketone	21.70	21.63	21.77	0.041	0.040	2.5
Endrin aldehyde	17.82	17.75	17.89	0.040	0.040	0.0
alpha-Chlordane	11.98	11.91	12.05	0.020	0.020	0.0
gamma-Chlordane	11.65	11.59	11.73	0.020	0.020	0.0
Tetrachloro-m-xylene	5.77	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.86	25.76	25.96	0.044	0.040	10.0

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK14 Date Analyzed :09/19/00

Lab Sample ID (PIBLK): PIBLK14 C509 Time Analyzed :0712

EPA Sample No.(INDA): INDAM7 Date Analyzed :09/19/00

Lab Sample ID (INDA): INDAM7 C618 Time Analyzed :0745

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.025	0.020	25.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.025	0.020	25.0
Heptachlor	9.24	9.20	9.30	0.022	0.020	10.0
Endosulfan I	12.04	11.97	12.11	0.024	0.020	20.0
Dieldrin	12.71	12.65	12.79	0.048	0.040	20.0
Endrin	13.82	13.76	13.90	0.046	0.040	15.0
4,4'-DDD	15.18	15.12	15.26	0.050	0.040	25.0
4,4'-DDT	17.42	17.37	17.51	0.044	0.040	10.0
Methoxychlor	21.32	21.26	21.40	0.23	0.20	15.0
Tetrachloro-m-xylene	5.78	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.85	25.76	25.96	0.048	0.040	20.0

EPA Sample No.(INDB): INDBM7 Date Analyzed :09/19/00

Lab Sample ID (INDB): INDBM7 C619 Time Analyzed :0817

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	8.54	8.49	8.59	0.024	0.020	20.0
delta-BHC	9.19	9.15	9.25	0.025	0.020	25.0
Aldrin	9.93	9.88	9.98	0.024	0.020	20.0
Heptachlor epoxide	11.24	11.18	11.32	0.024	0.020	20.0
4,4'-DDE	12.51	12.45	12.59	0.048	0.040	20.0
Endosulfan II	15.24	15.18	15.32	0.047	0.040	17.5
Endosulfan sulfate	19.44	19.39	19.53	0.046	0.040	15.0
Endrin ketone	21.69	21.63	21.77	0.045	0.040	12.5
Endrin aldehyde	17.81	17.75	17.89	0.043	0.040	7.5
alpha-Chlordane	11.97	11.91	12.05	0.024	0.020	20.0
gamma-Chlordane	11.65	11.59	11.73	0.024	0.020	20.0
Tetrachloro-m-xylene	5.77	5.73	5.83	0.020	0.020	0.0
Decachlorobiphenyl	25.85	25.76	25.96	0.041	0.040	2.5

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

EPA Sample No.(PIBLK): PIBLK14 Date Analyzed :09/19/00

Lab Sample ID (PIBLK): PIBLK14 C509 Time Analyzed :0712

EPA Sample No.(INDA): INDAM7 Date Analyzed :09/19/00

Lab Sample ID (INDA): INDAM7 C618 Time Analyzed :0745

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.96	5.91	6.01	0.025	0.020	25.0
gamma-BHC(Lindane)	6.70	6.65	6.75	0.025	0.020	25.0
Heptachlor	7.76	7.71	7.81	0.022	0.020	10.0
Endosulfan I	10.53	10.46	10.60	0.024	0.020	20.0
Dieldrin	11.04	10.97	11.11	0.048	0.040	20.0
Endrin	11.48	11.41	11.55	0.046	0.040	15.0
4,4'-DDD	11.87	11.80	11.94	0.048	0.040	20.0
4,4'-DDT	12.46	12.40	12.54	0.045	0.040	12.5
Methoxychlor	14.83	14.77	14.91	0.23	0.20	15.0
Tetrachloro-m-xylene	4.63	4.58	4.68	0.021	0.020	5.0
Decachlorobiphenyl	22.49	22.39	22.59	0.043	0.040	7.5

EPA Sample No.(INDB): INDBM7 Date Analyzed :09/19/00

Lab Sample ID (INDB): INDBM7 C619 Time Analyzed :0817

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.98	6.93	7.03	0.023	0.020	15.0
delta-BHC	7.33	7.28	7.38	0.024	0.020	20.0
Aldrin	8.38	8.33	8.43	0.024	0.020	20.0
Heptachlor epoxide	9.75	9.68	9.82	0.024	0.020	20.0
4,4'-DDE	10.65	10.58	10.72	0.047	0.040	17.5
Endosulfan II	11.96	11.89	12.03	0.046	0.040	15.0
Endosulfan sulfate	15.27	15.20	15.34	0.046	0.040	15.0
Endrin ketone	17.00	16.94	17.08	0.044	0.040	10.0
Endrin aldehyde	13.03	12.97	13.11	0.041	0.040	2.5
alpha-Chlordane	10.30	10.23	10.37	0.024	0.020	20.0
gamma-Chlordane	10.02	9.95	10.09	0.024	0.020	20.0
Tetrachloro-m-xylene	4.62	4.58	4.68	0.020	0.020	0.0
Decachlorobiphenyl	22.49	22.39	22.59	0.041	0.040	2.5

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

EPA Sample No.(PIBLK): PIBLK14 Date Analyzed :09/19/00

Lab Sample ID (PIBLK): PIBLK14 C509 Time Analyzed :0712

EPA Sample No.(INDA): INDAM7 Date Analyzed :09/19/00

Lab Sample ID (INDA): INDAM7 C618 Time Analyzed :0745

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.40	7.35	7.45	0.025	0.020	25.0
gamma-BHC(Lindane)	8.27	8.22	8.32	0.025	0.020	25.0
Heptachlor	9.24	9.20	9.30	0.022	0.020	10.0
Endosulfan I	12.04	11.97	12.11	0.024	0.020	20.0
Dieldrin	12.71	12.65	12.79	0.048	0.040	20.0
Endrin	13.82	13.76	13.90	0.046	0.040	15.0
4,4'-DDD	15.18	15.12	15.26	0.050	0.040	25.0
4,4'-DDT	17.42	17.37	17.51	0.044	0.040	10.0
Methoxychlor	21.32	21.26	21.40	0.23	0.20	15.0
Tetrachloro-m-xylene	5.78	5.73	5.83	0.021	0.020	5.0
Decachlorobiphenyl	25.85	25.76	25.96	0.048	0.040	20.0

EPA Sample No.(INDB): INDBM7 Date Analyzed :09/19/00

Lab Sample ID (INDB): INDBM7 C619 Time Analyzed :0817

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	8.54	8.49	8.59	0.024	0.020	20.0
delta-BHC	9.19	9.15	9.25	0.025	0.020	25.0
Aldrin	9.93	9.88	9.98	0.024	0.020	20.0
Heptachlor epoxide	11.24	11.18	11.32	0.024	0.020	20.0
4,4'-DDE	12.51	12.45	12.59	0.048	0.040	20.0
Endosulfan II	15.24	15.18	15.32	0.047	0.040	17.5
Endosulfan sulfate	19.44	19.39	19.53	0.046	0.040	15.0
Endrin ketone	21.69	21.63	21.77	0.045	0.040	12.5
Endrin aldehyde	17.81	17.75	17.89	0.043	0.040	7.5
alpha-Chlordane	11.97	11.91	12.05	0.024	0.020	20.0
gamma-Chlordane	11.65	11.59	11.73	0.024	0.020	20.0
Tetrachloro-m-xylene	5.77	5.73	5.83	0.020	0.020	0.0
Decachlorobiphenyl	25.85	25.76	25.96	0.041	0.040	2.5

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK2 Date Analyzed :10/13/00

Lab Sample ID (PIBLK): C509 Time Analyzed :1216

EPA Sample No.(INDA): INDAM2 Date Analyzed :10/13/00

Lab Sample ID (INDA): C618 Time Analyzed :1254

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.021	0.020	5.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.021	0.020	5.0
Heptachlor	8.65	8.60	8.70	0.022	0.020	10.0
Endosulfan I	11.41	11.34	11.48	0.021	0.020	5.0
Dieldrin	11.98	11.92	12.06	0.042	0.040	5.0
Endrin	12.58	12.52	12.66	0.042	0.040	5.0
4,4'-DDD	13.05	12.98	13.12	0.043	0.040	7.5
4,4'-DDT	13.66	13.59	13.73	0.047	0.040	17.5
Methoxychlor	15.16	15.09	15.23	0.23	0.20	15.0
Tetrachloro-m-xylene	5.27	5.22	5.32	0.021	0.020	5.0
Decachlorobiphenyl	17.96	17.87	18.07	0.043	0.040	7.5

EPA Sample No.(INDB): INDBM2 Date Analyzed :10/13/00

Lab Sample ID (INDB): C619 Time Analyzed :1331

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	7.98	7.93	8.03	0.020	0.020	0.0
delta-BHC	8.62	8.57	8.67	0.021	0.020	5.0
Aldrin	9.32	9.27	9.37	0.020	0.020	0.0
Heptachlor epoxide	10.63	10.56	10.70	0.020	0.020	0.0
4,4'-DDE	11.86	11.79	11.93	0.041	0.040	2.5
Endosulfan II	13.05	12.98	13.12	0.041	0.040	2.5
Endosulfan sulfate	14.33	14.26	14.40	0.042	0.040	5.0
Endrin ketone	15.34	15.27	15.41	0.044	0.040	10.0
Endrin aldehyde	13.77	13.70	13.84	0.040	0.040	0.0
alpha-Chlordane	11.35	11.28	11.42	0.020	0.020	0.0
gamma-Chlordane	11.03	10.96	11.10	0.020	0.020	0.0
Tetrachloro-m-xylene	5.27	5.22	5.32	0.020	0.020	0.0
Decachlorobiphenyl	17.97	17.87	18.07	0.040	0.040	0.0

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

EPA Sample No.(PIBLK): PIBLK6 Date Analyzed :10/14/00

Lab Sample ID (PIBLK): PIBLK6 C509 Time Analyzed :2344

EPA Sample No.(INDA): INDAM4 Date Analyzed :10/15/00

Lab Sample ID (INDA): INDAM4 C618 Time Analyzed :0021

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.47	5.42	5.52	0.020	0.020	0.0
gamma-BHC(Lindane)	6.19	6.15	6.25	0.019	0.020	-5.0
Heptachlor	7.23	7.18	7.28	0.020	0.020	0.0
Endosulfan I	9.98	9.91	10.05	0.020	0.020	0.0
Dieldrin	10.50	10.43	10.57	0.039	0.040	-2.5
Endrin	10.93	10.86	11.00	0.038	0.040	-5.0
4,4'-DDD	11.35	11.28	11.42	0.038	0.040	-5.0
4,4'-DDT	11.91	11.83	11.97	0.038	0.040	-5.0
Methoxychlor	13.06	12.98	13.12	0.19	0.20	-5.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.020	0.020	0.0
Decachlorobiphenyl	15.91	15.81	16.01	0.042	0.040	5.0

EPA Sample No.(INDB): INDBM4 Date Analyzed :10/15/00

Lab Sample ID (INDB): INDBM4 C619 Time Analyzed :0058

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.47	6.42	6.52	0.019	0.020	-5.0
delta-BHC	6.82	6.77	6.87	0.019	0.020	-5.0
Aldrin	7.84	7.80	7.90	0.019	0.020	-5.0
Heptachlor epoxide	9.21	9.14	9.28	0.019	0.020	-5.0
4,4'-DDE	10.13	10.06	10.20	0.038	0.040	-5.0
Endosulfan II	11.41	11.33	11.47	0.039	0.040	-2.5
Endosulfan sulfate	13.17	13.09	13.23	0.040	0.040	0.0
Endrin ketone	13.66	13.59	13.73	0.039	0.040	-2.5
Endrin aldehyde	12.30	12.22	12.36	0.039	0.040	-2.5
alpha-Chlordane	9.76	9.69	9.83	0.019	0.020	-5.0
gamma-Chlordane	9.48	9.41	9.55	0.019	0.020	-5.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.020	0.020	0.0
Decachlorobiphenyl	15.91	15.81	16.01	0.040	0.040	0.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK6 Date Analyzed :10/14/00

Lab Sample ID (PIBLK): PIBLK6 C509 Time Analyzed :2344

EPA Sample No.(INDA): INDAM4 Date Analyzed :10/15/00

Lab Sample ID (INDA): INDAM4 C618 Time Analyzed :0021

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.85	6.80	6.90	0.020	0.020	0.0
gamma-BHC(Lindane)	7.70	7.65	7.75	0.020	0.020	0.0
Heptachlor	8.64	8.60	8.70	0.019	0.020	-5.0
Endosulfan I	11.40	11.34	11.48	0.020	0.020	0.0
Dieldrin	11.98	11.92	12.06	0.040	0.040	0.0
Endrin	12.58	12.52	12.66	0.039	0.040	-2.5
4,4'-DDD	13.04	12.98	13.12	0.038	0.040	-5.0
4,4'-DDT	13.66	13.59	13.73	0.032	0.040	-20.0
Methoxychlor	15.15	15.09	15.23	0.15	0.20	-25.0
Tetrachloro-m-xylene	5.27	5.22	5.32	0.021	0.020	5.0
Decachlorobiphenyl	17.96	17.87	18.07	0.042	0.040	5.0

EPA Sample No.(INDB): INDBM4 Date Analyzed :10/15/00

Lab Sample ID (INDB): INDBM4 C619 Time Analyzed :0058

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	7.98	7.93	8.03	0.020	0.020	0.0
delta-BHC	8.62	8.57	8.67	0.020	0.020	0.0
Aldrin	9.32	9.27	9.37	0.020	0.020	0.0
Heptachlor epoxide	10.62	10.56	10.70	0.020	0.020	0.0
4,4'-DDE	11.86	11.79	11.93	0.039	0.040	-2.5
Endosulfan II	13.04	12.98	13.12	0.039	0.040	-2.5
Endosulfan sulfate	14.33	14.26	14.40	0.040	0.040	0.0
Endrin ketone	15.34	15.27	15.41	0.038	0.040	-5.0
Endrin aldehyde	13.77	13.70	13.84	0.039	0.040	-2.5
alpha-Chlordane	11.34	11.28	11.42	0.020	0.020	0.0
gamma-Chlordane	11.02	10.96	11.10	0.020	0.020	0.0
Tetrachloro-m-xylene	5.27	5.22	5.32	0.020	0.020	0.0
Decachlorobiphenyl	17.96	17.87	18.07	0.040	0.040	0.0

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

EPA Sample No.(PIBLK): PIBLK3 Date Analyzed :10/18/00

Lab Sample ID (PIBLK): C509 Time Analyzed :0711

EPA Sample No.(INDA): INDAM2 Date Analyzed :10/18/00

Lab Sample ID (INDA): C618 Time Analyzed :0903

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.021	0.020	5.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.021	0.020	5.0
Heptachlor	7.23	7.18	7.28	0.021	0.020	5.0
Endosulfan I	9.98	9.91	10.05	0.020	0.020	0.0
Dieldrin	10.50	10.43	10.57	0.041	0.040	2.5
Endrin	10.93	10.86	11.00	0.040	0.040	0.0
4,4'-DDD	11.36	11.29	11.43	0.041	0.040	2.5
4,4'-DDT	11.91	11.84	11.98	0.039	0.040	-2.5
Methoxychlor	13.06	12.99	13.13	0.19	0.20	-5.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.021	0.020	5.0
Decachlorobiphenyl	15.91	15.81	16.01	0.042	0.040	5.0

EPA Sample No.(INDB): INDBM2 Date Analyzed :10/18/00

Lab Sample ID (INDB): INDBM2 C619 Time Analyzed :0826

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.47	6.42	6.52	0.021	0.020	5.0
delta-BHC	6.82	6.77	6.87	0.022	0.020	10.0
Aldrin	7.84	7.79	7.89	0.021	0.020	5.0
Heptachlor epoxide	9.21	9.14	9.28	0.021	0.020	5.0
4,4'-DDE	10.13	10.06	10.20	0.041	0.040	2.5
Endosulfan II	11.40	11.33	11.47	0.041	0.040	2.5
Endosulfan sulfate	13.17	13.09	13.23	0.040	0.040	0.0
Endrin ketone	13.66	13.59	13.73	0.041	0.040	2.5
Endrin aldehyde	12.29	12.22	12.36	0.041	0.040	2.5
alpha-Chlordane	9.76	9.69	9.83	0.021	0.020	5.0
gamma-Chlordane	9.47	9.41	9.55	0.021	0.020	5.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.021	0.020	5.0
Decachlorobiphenyl	15.91	15.81	16.01	0.041	0.040	2.5

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK3 Date Analyzed :10/18/00

Lab Sample ID (PIBLK): PIBLK3 C509 Time Analyzed :0711

EPA Sample No.(INDA): INDAM2 Date Analyzed :10/18/00

Lab Sample ID (INDA): C618 Time Analyzed :0903

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D	
alpha-BHC	6.84	6.80	6.90	0.020	0.020	0.0	
gamma-BHC(Lindane)	7.69	7.65	7.75	0.020	0.020	0.0	
Heptachlor	8.64	8.60	8.70	0.018	0.020	-10.0	
Endosulfan I	11.40	11.33	11.47	0.019	0.020	-5.0	
Dieldrin	11.98	11.91	12.05	0.038	0.040	-5.0	
Endrin	12.58	12.51	12.65	0.038	0.040	-5.0	
4,4'-DDD	13.04	12.97	13.11	0.038	0.040	-5.0	
4,4'-DDT	13.65	13.59	13.73	0.030	0.040	-25.0	
Methoxychlor	15.15	15.08	15.22	0.14	0.20	-30.0	<-
Tetrachloro-m-xylene	5.26	5.21	5.32	0.020	0.020	0.0	
Decachlorobiphenyl	17.95	17.86	18.06	0.040	0.040	0.0	

EPA Sample No.(INDB): INDBM2 Date Analyzed :10/18/00

Lab Sample ID (INDB): INDBM2 C619 Time Analyzed :0826

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	7.97	7.93	8.03	0.020	0.020	0.0
delta-BHC	8.62	8.57	8.67	0.020	0.020	0.0
Aldrin	9.31	9.27	9.37	0.020	0.020	0.0
Heptachlor epoxide	10.62	10.55	10.69	0.020	0.020	0.0
4,4'-DDE	11.86	11.79	11.93	0.039	0.040	-2.5
Endosulfan II	13.04	12.97	13.11	0.038	0.040	-5.0
Endosulfan sulfate	14.32	14.26	14.40	0.038	0.040	-5.0
Endrin ketone	15.33	15.27	15.41	0.036	0.040	-10.0
Endrin aldehyde	13.76	13.70	13.84	0.038	0.040	-5.0
alpha-Chlordane	11.34	11.27	11.41	0.020	0.020	0.0
gamma-Chlordane	11.02	10.95	11.09	0.020	0.020	0.0
Tetrachloro-m-xylene	5.26	5.21	5.32	0.020	0.020	0.0
Decachlorobiphenyl	17.96	17.86	18.06	0.039	0.040	-2.5

FORM VII PEST-2 OLM03.0

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

EPA Sample No.(PIBLK): PIBLK5 Date Analyzed :10/19/00

Lab Sample ID (PIBLK): PIBLK5 C533 Time Analyzed :0208

EPA Sample No.(INDA): INDAM3 Date Analyzed :10/19/00

Lab Sample ID (INDA): INDAM3 C618 Time Analyzed :0246

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	6.84	6.80	6.90	0.020	0.020	0.0
gamma-BHC(Lindane)	7.69	7.65	7.75	0.019	0.020	-5.0
Heptachlor	8.64	8.60	8.70	0.019	0.020	-5.0
Endosulfan I	11.40	11.33	11.47	0.019	0.020	-5.0
Dieldrin	11.97	11.91	12.05	0.039	0.040	-2.5
Endrin	12.58	12.51	12.65	0.038	0.040	-5.0
4,4'-DDD	13.04	12.97	13.11	0.039	0.040	-2.5
4,4'-DDT	13.65	13.59	13.73	0.035	0.040	-12.5
Methoxychlor	15.15	15.08	15.22	0.17	0.20	-15.0
Tetrachloro-m-xylene	5.26	5.21	5.32	0.020	0.020	0.0
Decachlorobiphenyl	17.95	17.86	18.06	0.040	0.040	0.0

EPA Sample No.(INDB): INDBM3 Date Analyzed :10/19/00

Lab Sample ID (INDB): INDBM3 C619 Time Analyzed :0323

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	7.97	7.93	8.03	0.020	0.020	0.0
delta-BHC	8.61	8.57	8.67	0.020	0.020	0.0
Aldrin	9.31	9.27	9.37	0.020	0.020	0.0
Heptachlor epoxide	10.62	10.55	10.69	0.020	0.020	0.0
4,4'-DDE	11.86	11.79	11.93	0.039	0.040	-2.5
Endosulfan II	13.04	12.97	13.11	0.039	0.040	-2.5
Endosulfan sulfate	14.32	14.26	14.40	0.039	0.040	-2.5
Endrin ketone	15.33	15.27	15.41	0.038	0.040	-5.0
Endrin aldehyde	13.76	13.70	13.84	0.038	0.040	-5.0
alpha-Chlordane	11.34	11.27	11.41	0.020	0.020	0.0
gamma-Chlordane	11.02	10.95	11.09	0.020	0.020	0.0
Tetrachloro-m-xylene	5.26	5.21	5.32	0.020	0.020	0.0
Decachlorobiphenyl	17.95	17.86	18.06	0.039	0.040	-2.5

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

EPA Sample No.(PIBLK): PIBLK5 Date Analyzed :10/19/00

Lab Sample ID (PIBLK): PIBLK5 C533 Time Analyzed :0209

EPA Sample No.(INDA): INDAM3 Date Analyzed :10/19/00

Lab Sample ID (INDA): INDAM3 C618 Time Analyzed :0246

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	5.46	5.42	5.52	0.021	0.020	5.0
gamma-BHC(Lindane)	6.19	6.14	6.24	0.021	0.020	5.0
Heptachlor	7.23	7.18	7.28	0.021	0.020	5.0
Endosulfan I	9.98	9.91	10.05	0.021	0.020	5.0
Dieldrin	10.49	10.43	10.57	0.042	0.040	5.0
Endrin	10.93	10.86	11.00	0.042	0.040	5.0
4,4'-DDD	11.36	11.29	11.43	0.043	0.040	7.5
4,4'-DDT	11.91	11.84	11.98	0.041	0.040	2.5
Methoxychlor	13.06	12.99	13.13	0.20	0.20	0.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.021	0.020	5.0
Decachlorobiphenyl	15.91	15.81	16.01	0.044	0.040	10.0

EPA Sample No.(INDB): INDBM3 Date Analyzed :10/19/00

Lab Sample ID (INDB): INDBM3 C619 Time Analyzed :0323

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	6.47	6.42	6.52	0.023	0.020	15.0
delta-BHC	6.82	6.77	6.87	0.022	0.020	10.0
Aldrin	7.84	7.79	7.89	0.021	0.020	5.0
Heptachlor epoxide	9.21	9.14	9.28	0.021	0.020	5.0
4,4'-DDE	10.14	10.06	10.20	0.043	0.040	7.5
Endosulfan II	11.41	11.33	11.47	0.042	0.040	5.0
Endosulfan sulfate	13.16	13.09	13.23	0.042	0.040	5.0
Endrin ketone	13.66	13.59	13.73	0.042	0.040	5.0
Endrin aldehyde	12.29	12.22	12.36	0.041	0.040	2.5
alpha-Chlordane	9.76	9.69	9.83	0.021	0.020	5.0
gamma-Chlordane	9.47	9.41	9.55	0.021	0.020	5.0
Tetrachloro-m-xylene	4.17	4.12	4.22	0.021	0.020	5.0
Decachlorobiphenyl	15.91	15.81	16.01	0.042	0.040	5.0

FORM VII PEST-2 OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.63 DCB: 22.49

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	09/06/00	1608	4.63	22.49
02	PEM1	C533	09/06/00	1641	4.63	22.49
03	AR16601	C576	09/06/00	1713	4.63	22.49
04	AR12211	C515	09/06/00	1745	4.63	22.49
05	AR12321	C520	09/06/00	1817	4.63	22.49
06	AR12421	C521	09/06/00	1850	4.63	22.49
07	AR12481	C522	09/06/00	1922	4.63	22.49
08	AR12541	C523	09/06/00	1954	4.63	22.49
09	TOXAPH1	C513	09/06/00	2027	4.63	22.49
10	INDAL1	C616	09/06/00	2059	4.63	22.49
11	INDBL1	C617	09/06/00	2131	4.63	22.49
12	INDAM1	C618	09/06/00	2203	4.63	22.49
13	INDBM1	C619	09/06/00	2236	4.63	22.49
14	INDAH1	C620	09/06/00	2308	4.63	22.49
15	INDBH1	C621	09/06/00	2340	4.63	22.49
16	PIBLK1	C509	09/07/00	0012	4.63	22.49
17	PEM2	C533	09/07/00	0045	4.63	22.49
18		GPCPEST 9/5	09/07/00	0149		
19	PIBLK8	PIBLK8 C509	09/13/00	1613	4.62	22.50
20	PEM6	PEM6 C533	09/13/00	1645	4.62	22.50
21	SL40-5.2DL	DJJK9101	09/13/00	1920		
22	SL41-5.2DL	DJJKF101	09/13/00	2129		
23	SL41-5.2	DJJKF101	09/13/00	2223		
24	SL41-5.2MS	DJJKF102	09/13/00	2255		
25	SL41-5.2MSD	DJJKF103	09/13/00	2327		
26	1-5.2DUPDL	DJJKD101	09/14/00	0001		
27	1-5.2DUP	DJJKD101	09/14/00	0038		
28	SL40-5.2	DJJK9101	09/14/00	0110		22.50
29	PBLANK1	DJL1D101	09/14/00	0143	4.63	22.49
30	PIBLK9	PIBLK9 C509	09/14/00	0247	4.62	22.49
31	INDAM5	INDAM5	09/14/00	0319	4.62	22.49
32	INDBM5	INDBM5	09/14/00	0352	4.62	22.49

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.63 DCB: 22.49

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK10	PIBLK10	09/14/00	1151	4.62	22.49
02	PEM7	PEM7	09/14/00	1223	4.63	22.49
03	PBLANK2	DJVT1101	09/14/00	1717	4.62	22.49
04	SL47-4MSD	DJR08104	09/14/00	1749	4.62	22.49
05	SL47-4MS	DJR08103	09/14/00	1822	4.62	22.49
06	SL47-4	DJR08101	09/14/00	1854	4.62	22.50
07	PIBLK11	PIBLK11 C509	09/14/00	1958	4.62	22.50
08	INDAM6	C618	09/14/00	2031	4.62	22.50
09	INDEM6	C619	09/14/00	2103	4.62	22.50
10	SL47-1DL	DJR07101	09/14/00	2240	4.66	
11	SL47-1	DJR07101	09/14/00	2312	4.66	22.50
12	SL46-4	DJR05101	09/14/00	2345	4.63	22.50
13	SL45-4DL	DJR02101	09/15/00	0121		
14	SL45-4	DJR02101	09/15/00	0154	4.62	
15	SL45-1DL	DJR01101	09/15/00	0226		
16	PIBLK12	PIBLK12 C509	09/15/00	0331	4.62	22.49
17	PEM8	PEM8 C533	09/15/00	0403	4.62	22.50
18	PIBLK13	PIBLK13 C509	09/18/00	2027	4.62	22.49
19	PEM9	PEM9 C533	09/18/00	2059	4.62	22.49
20	SL45-1	DJR01101	09/18/00	2308		
21	SL44-4DL	DJR00101	09/18/00	2340		22.49
22	SL44-4	DJR00101	09/19/00	0013	4.63	22.50
23	SL46-1DL	DJR03101	09/19/00	0045		
24	SL46-1	DJR03101	09/19/00	0117		
25	SL48-1DL	DJR0F101	09/19/00	0150	4.63	22.48
26	SL48-1	DJR0F101	09/19/00	0222	4.63	22.49
27	SL47-DUP	DJR0E101	09/19/00	0254	4.66	22.49
28	SL44-1DL	DJQXX101	09/19/00	0326		22.51
29	SL44-1	DJQXX101	09/19/00	0359	4.66	22.49
30	SL48-4	DJR0G101	09/19/00	0431	4.63	22.49
31	SL49-1	DJR0K101	09/19/00	0536	4.63	22.50
32	SL49-4	DJR0L101	09/19/00	0608	4.62	22.50

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/06/

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.63 DCB: 22.49

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK14	PIBLK14 C509	09/19/00	0712	4.63	22.49
02	INDAM7	INDAM7 C618	09/19/00	0745	4.63	22.49
03	INDBM7	INDBM7 C619	09/19/00	0817	4.62	22.49
04						
05						
06						
07						
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	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.78 DCB: 25.86

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	09/06/00	1608	5.78	25.85
02	PEM1	C533	09/06/00	1641	5.78	25.85
03	AR16601	C576	09/06/00	1713	5.78	25.86
04	AR12211	C515	09/06/00	1745	5.78	25.86
05	AR12321	C520	09/06/00	1817	5.78	25.86
06	AR12421	C521	09/06/00	1850	5.78	25.86
07	AR12481	C522	09/06/00	1922	5.78	25.86
08	AR12541	C523	09/06/00	1954	5.78	25.86
09	TOXAPH1	C513	09/06/00	2027	5.78	25.86
10	INDAL1	C616	09/06/00	2059	5.78	25.86
11	INDBL1	C617	09/06/00	2131	5.78	25.86
12	INDAM1	C618	09/06/00	2203	5.78	25.86
13	INDBM1	C619	09/06/00	2236	5.78	25.86
14	INDAH1	C620	09/06/00	2308	5.78	25.86
15	INDBH1	C621	09/06/00	2340	5.78	25.86
16	PIBLK1	C509	09/07/00	0012	5.78	25.86
17	PEM2	C533	09/07/00	0045	5.78	25.86
18	PIBLK8	C509	09/13/00	1613	5.78	25.86
19	PEM6	C533	09/13/00	1645	5.78	25.86
20	SL40-5.2DL	DJJK9101	09/13/00	1920	5.78	25.85
21	SL41-5.2DL	DJJKF101	09/13/00	2129		
22	SL41-5.2	DJJKF101	09/13/00	2223		25.86
23	SL41-5.2MS	DJJKF102	09/13/00	2255		25.95
24	SL41-5.2MSD	DJJKF103	09/13/00	2327		25.85
25	1-5.2DUPDL	DJJKD101	09/14/00	0001		25.86
26	1-5.2DUP	DJJKD101	09/14/00	0038	5.78	25.94
27	SL40-5.2	DJJK9101	09/14/00	0110	5.79	25.86
28	PBLANK1	DJL1D101	09/14/00	0143	5.77	25.85
29	PIBLK9	C509	09/14/00	0247	5.77	25.85
30	INDAM5	C618	09/14/00	0319	5.77	25.85
31	INDBM5	C619	09/14/00	0352	5.77	25.86
32	PIBLK10	PIBLK10	09/14/00	1151	5.77	25.85

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.78 DCB: 25.86

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEM7	PEM7	09/14/00	1223	5.78	25.86
02	PBLANK2	DJVT1101	09/14/00	1717	5.77	25.85
03	SL47-4MSD	DJR08104	09/14/00	1749	5.77	25.85
04	SL47-4MS	DJR08103	09/14/00	1822	5.77	25.85
05	SL47-4	DJR08101	09/14/00	1854	5.77	25.86
06	PIBLK11	PIBLK11 C509	09/14/00	1958	5.77	25.86
07	INDAM6	C618	09/14/00	2031	5.78	25.86
08	INDEM6	C619	09/14/00	2103	5.77	25.86
09	SL47-1DL	DJR07101	09/14/00	2240	5.78	25.86
10	SL47-1	DJR07101	09/14/00	2312	5.78	25.86
11	SL46-4	DJR05101	09/14/00	2345	5.78	25.86
12	SL45-4DL	DJR02101	09/15/00	0121		25.86
13	SL45-4	DJR02101	09/15/00	0154	5.78	25.86
14	SL45-1DL	DJR01101	09/15/00	0226		25.85
15	PIBLK12	PIBLK12 C509	09/15/00	0331	5.77	25.86
16	PEM8	PEM8 C533	09/15/00	0403	5.78	25.86
17	PIBLK13	PIBLK13 C509	09/18/00	2027	5.77	25.85
18	PEM9	PEM9 C533	09/18/00	2059	5.77	25.85
19	SL45-1	DJR01101	09/18/00	2308	5.79	25.85
20	SL44-4DL	DJR00101	09/18/00	2340	5.78	25.86
21	SL44-4	DJR00101	09/19/00	0013	5.78	25.86
22	SL46-1DL	DJR03101	09/19/00	0045	5.77	25.85
23	SL46-1	DJR03101	09/19/00	0117	5.79	25.85
24	SL48-1DL	DJR0F101	09/19/00	0150	5.78	25.86
25	SL48-1	DJR0F101	09/19/00	0222	5.78	25.86
26	SL47-DUP	DJR0E101	09/19/00	0254	5.78	25.86
27	SL44-1DL	DJQXX101	09/19/00	0326	5.79	25.84
28	SL44-1	DJQXX101	09/19/00	0359	5.78	25.85
29	SL48-4	DJR0G101	09/19/00	0431	5.78	25.85
30	SL49-1	DJR0K101	09/19/00	0536	5.77	25.85
31	SL49-4	DJR0L101	09/19/00	0608	5.77	25.85
32	PIBLK14	PIBLK14 C509	09/19/00	0712	5.78	25.85

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 09/06/00 09/0

Instrument ID: A2HP4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.78 DCB: 25.86

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDAM7	INDAM7 C618	09/19/00	0745	5.78	25.85
02	INDBM7	INDBM7 C619	09/19/00	0817	5.77	25.85
03						
04						
05						
06						
07						
08						
09						
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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.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	10/12/00	1625	4.17	15.91
02	PEM1	C533	10/12/00	1702	4.17	15.91
03	AR16601	C576	10/12/00	1739	4.17	15.91
04	AR12211	C515	10/12/00	1817	4.17	15.91
05	AR12321	C520	10/12/00	1854	4.17	15.91
06	AR12421	C521	10/12/00	1931	4.17	15.91
07	AR12481	C522	10/12/00	2008	4.17	15.91
08	AR12541	C523	10/12/00	2046	4.17	15.91
09	TOXAH1	C513	10/12/00	2123	4.17	15.91
10	INDAL1	C616	10/12/00	2200	4.17	15.91
11	INDBL1	C617	10/12/00	2237	4.17	15.91
12	INDAM1	C618	10/12/00	2314	4.17	15.91
13	INDBM1	C619	10/12/00	2352	4.17	15.91
14	INDAH1	C620	10/13/00	0029	4.17	15.91
15	INDBH1	C621	10/13/00	0106	4.17	15.91
16	PIBLK1	C509	10/13/00	0143	4.17	15.91
17	PEM2	C533	10/13/00	0221	4.17	15.91
18	PIBLK2	C509	10/13/00	1216	4.17	15.91
19	INDAM2	C618	10/13/00	1254	4.17	15.91
20	INDBM2	C619	10/13/00	1331	4.17	15.91
21	PBLANK4	DKE6J101	10/13/00	2021	4.17	15.91
22	PIBLK3	C509	10/13/00	2212	4.17	15.91
23	PEM3	C533	10/13/00	2250	4.17	15.91
24	PIBLK5	C509	10/14/00	1845	4.17	15.91
25	PEM4	PEM4 C533	10/14/00	2000	4.17	15.91
26	SL44-4REDL	DJR00201	10/14/00	2037	4.17	15.91
27	SL44-4RE	DJR00201	10/14/00	2114	4.17	15.91
28	SL49-4RE	DJR0L201	10/14/00	2152	4.17	15.91
29	SL46-4RE	DJR05201	10/14/00	2229	4.17	15.91
30	PIBLK6	PIBLK6 C509	10/14/00	2344	4.17	15.91
31	INDAM4	INDAM4 C618	10/15/00	0021	4.17	15.91
32	INDBM4	INDBM4 C619	10/15/00	0058	4.17	15.91

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK2	PIBLK2 C509	10/17/00	1924	4.17	15.91
02	PEM3	PEM3 C533	10/17/00	2001	4.17	15.91
03	SL40-5.2REDL	DJJK9201	10/17/00	2307		15.86
04	SL40-5.2RE	DJJK9201	10/17/00	2345	4.17	15.90
05	1-5.2REDUPDL	DJJKD201	10/18/00	0136		15.87
06	1-5.2REDUP	DJJKD201	10/18/00	0213		15.86
07	PBLANK3	DKQ3A101	10/18/00	0251	4.17	15.90
08	SL45-4REDL	DJR02201	10/18/00	0328		15.87
09	SL45-4RE	DJR02201	10/18/00	0405		15.90
10	SL49-1RE	DJR0K201	10/18/00	0442	4.17	15.90
11	SL48-4RE	DJR0G201	10/18/00	0520	4.17	15.90
12	SL47-4RE	DJR08201	10/18/00	0557	4.17	15.90
13	PIBLK3	C509	10/18/00	0711	4.17	15.91
14	INDEM2	INDEM2 C619	10/18/00	0826	4.17	15.91
15	INDAM2	C618	10/18/00	0903	4.17	15.91
16	SL47-1RE	DJR07201	10/18/00	1019	4.18	15.91
17	SL47-1REDL	DJR07201	10/18/00	1056	4.21	15.90
18	SL47-REDUP	DJR0E201	10/18/00	1133	4.17	15.90
19	SL48-1REDL	DJR0F201	10/18/00	1210	4.17	15.86
20	SL48-1RE	DJR0F201	10/18/00	1248	4.17	15.87
21	SL46-1REDL	DJR03201	10/18/00	1439		
22	SL46-1RE	DJR03201	10/18/00	1516		15.90
23	SL45-1REDL	DJR01201	10/18/00	1554		
24	SL45-1RE	DJR01201	10/18/00	1631		
25	PIBLK4	PIBLK4 C509	10/18/00	1822	4.17	15.91
26	PEM4	PEM4 C533	10/18/00	1900	4.17	15.91
27	SL44-1REDL	DJQXX201	10/18/00	2242	4.13	15.91
28	SL44-1RE	DJQXX201	10/18/00	2319	4.17	15.90
29	SL41-5.2REDL	DJJKF201	10/18/00	2359		
30	SL41-5.2RE	DJJKF201	10/19/00	0036		
31	PIBLK5	PIBLK5 C533	10/19/00	0209	4.17	15.91
32	INDAM3	INDAM3 C618	10/19/00	0246	4.17	15.91

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/13/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDBM3	INDBM3 C619	10/19/00	0323	4.17	15.91
02						
03						
04						
05						
06						
07						
08						
09						
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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.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.27 DCB: 17.97

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	10/12/00	1625	5.27	17.97
02	PEM1	C533	10/12/00	1702	5.27	17.97
03	AR16601	C576	10/12/00	1739	5.27	17.97
04	AR12211	C515	10/12/00	1817	5.27	17.97
05	AR12321	C520	10/12/00	1854	5.27	17.97
06	AR12421	C521	10/12/00	1931	5.27	17.97
07	AR12481	C522	10/12/00	2008	5.27	17.97
08	AR12541	C523	10/12/00	2046	5.27	17.97
09	TOXAH1	C513	10/12/00	2123	5.27	17.97
10	INDAL1	C616	10/12/00	2200	5.27	17.97
11	INDBL1	C617	10/12/00	2237	5.27	17.97
12	INDAM1	C618	10/12/00	2314	5.27	17.96
13	INDBM1	C619	10/12/00	2352	5.27	17.97
14	INDAH1	C620	10/13/00	0029	5.27	17.96
15	INDBH1	C621	10/13/00	0106	5.27	17.97
16	PIBLK1	C509	10/13/00	0143	5.27	17.97
17	PEM2	C533	10/13/00	0221	5.27	17.96
18	PIBLK2	C509	10/13/00	1216	5.27	17.96
19	INDAM2	C618	10/13/00	1254	5.27	17.96
20	INDBM2	C619	10/13/00	1331	5.27	17.97
21	PBLANK4	DKE6J101	10/13/00	2021	5.27	17.96
22	PIBLK3	C509	10/13/00	2212	4.17*	15.91*
23	PEM3	C533	10/13/00	2250	5.27	17.96
24	PIBLK5	C509	10/14/00	1845	5.27	17.96
25	PEM4	PEM4 C533	10/14/00	2000	5.27	17.96
26	SL44-4REDL	DJR00201	10/14/00	2037	5.27	17.96
27	SL44-4RE	DJR00201	10/14/00	2114	5.27	17.96
28	SL49-4RE	DJR0L201	10/14/00	2152	5.27	17.96
29	SL46-4RE	DJR05201	10/14/00	2229	5.27	17.96
30	PIBLK6	PIBLK6 C509	10/14/00	2344	5.26	17.96
31	INDAM4	INDAM4 C618	10/15/00	0021	5.27	17.96
32	INDBM4	INDBM4 C619	10/15/00	0058	5.27	17.96

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.27 DCB: 17.97

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK2	PIBLK2 C509	10/17/00	1924	5.26	17.96
02	PEM3	PEM3 C533	10/17/00	2001	5.26	17.96
03	SL40-5.2REDL	DJJK9201	10/17/00	2307	5.26	17.95
04	SL40-5.2RE	DJJK9201	10/17/00	2345	5.26	17.96
05	1-5.2REDUPDL	DJJKD201	10/18/00	0136		
06	1-5.2REDUP	DJJKD201	10/18/00	0213	5.26	17.95
07	PBLANK3	DKQ3A101	10/18/00	0251	5.26	17.95
08	SL45-4REDL	DJR02201	10/18/00	0328	5.26	
09	SL45-4RE	DJR02201	10/18/00	0405	5.26	17.96
10	SL49-1RE	DJR0K201	10/18/00	0442	5.26	17.95
11	SL48-4RE	DJR0G201	10/18/00	0520	5.26	17.95
12	SL47-4RE	DJR08201	10/18/00	0557	5.26	17.95
13	PIBLK3	PIBLK3 C509	10/18/00	0711	5.26	17.96
14	INDBM2	INDBM2 C619	10/18/00	0826	5.26	17.96
15	INDAM2	C618	10/18/00	0903	5.26	17.95
16	SL47-1RE	DJR07201	10/18/00	1019	5.26	17.95
17	SL47-1REDL	DJR07201	10/18/00	1056	5.26	17.95
18	SL47-REDUP	DJR0E201	10/18/00	1133	5.26	17.95
19	SL48-1REDL	DJR0F201	10/18/00	1210	5.26	17.99
20	SL48-1RE	DJR0F201	10/18/00	1248	5.26	17.99
21	SL46-1REDL	DJR03201	10/18/00	1439	5.25	17.94
22	SL46-1RE	DJR03201	10/18/00	1516	5.26	17.95
23	SL45-1REDL	DJR01201	10/18/00	1554	5.26	17.95
24	SL45-1RE	DJR01201	10/18/00	1631	5.26	17.95
25	PIBLK4	PIBLK4 C509	10/18/00	1822	5.26	17.95
26	PEM4	PEM4 C533	10/18/00	1900	5.26	17.96
27	SL44-1REDL	DJQXX201	10/18/00	2242	5.25	17.96
28	SL44-1RE	DJQXX201	10/18/00	2319	5.25	17.96
29	SL41-5.2REDL	DJJKF201	10/18/00	2359		
30	SL41-5.2RE	DJJKF201	10/19/00	0036	5.26	17.96
31	PIBLK5	PIBLK5 C533	10/19/00	0208	5.26	17.95
32	INDAM3	INDAM3 C618	10/19/00	0246	5.26	17.95

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.27 DCB: 17.97

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDBM3	INDBM3 C619	10/19/00	0323	5.26	17.95
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
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	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.10 MINUTES)

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

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/17/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	10/16/00	1523	4.17	15.91
02	PEM1	C533	10/16/00	1600	4.17	15.91
03	AR16601	C576	10/16/00	1637	4.17	15.91
04	AR12211	C515	10/16/00	1714	4.17	15.91
05	AR12321	C520	10/16/00	1752	4.17	15.91
06	AR12421	C521	10/16/00	1829	4.17	15.91
07	AR12481	C522	10/16/00	1906	4.17	15.91
08	AR12541	C523	10/16/00	1943	4.17	15.91
09	TOXAH1	C513	10/16/00	2021	4.17	15.91
10	INDAL1	C616	10/16/00	2058	4.17	15.91
11	INDBL1	C617	10/16/00	2135	4.17	15.91
12	INDAM1	C656	10/16/00	2212	4.17	15.91
13	INDBM1	C657	10/16/00	2250	4.17	15.91
14	INDAH1	C620	10/16/00	2327	4.17	15.91
15	INDBH1	C621	10/17/00	0004	4.17	15.91
16	PIBLK1	C509	10/17/00	0041	4.17	15.91
17	PEM2	C533	10/17/00	0119	4.17	15.91
18						
19						
20						
21						
22						
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.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/16/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.27 DCB: 17.96

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESC1	C511	10/16/00	1523	5.26	17.96
02	PEM1	C533	10/16/00	1600	5.26	17.96
03	AR16601	C576	10/16/00	1637	5.26	17.96
04	AR12211	C515	10/16/00	1714	5.26	17.96
05	AR12321	C520	10/16/00	1752	5.26	17.96
06	AR12421	C521	10/16/00	1829	5.26	17.96
07	AR12481	C522	10/16/00	1906	5.26	17.96
08	AR12541	C523	10/16/00	1943	5.26	17.96
09	TOXAH1	C513	10/16/00	2021	5.27	17.96
10	INDAL1	C616	10/16/00	2058	5.27	17.96
11	INDBL1	C617	10/16/00	2135	5.27	17.96
12	INDAM1	C656	10/16/00	2212	5.27	17.96
13	INDBM1	C657	10/16/00	2250	5.26	17.96
14	INDAH1	C620	10/16/00	2327	5.26	17.96
15	INDBH1	C621	10/17/00	0004	5.27	17.96
16	PIBLK1	C519	10/17/00	0041	5.26	17.96
17	PEM2	C533	10/17/00	0119	5.26	17.96
18						
19						
20						
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22						
23						
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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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.26 DCB: 17.96

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK2	PIBLK2 C509	10/17/00	1924	5.26	17.96
02	PEM3	PEM3 C533	10/17/00	2001	5.26	17.96
03	SL40-5.2REDL	DJJK9201	10/17/00	2307	5.26	17.95
04	SL40-5.2RE	DJJK9201	10/17/00	2345	5.26	17.96
05	1-5.2REDUPDL	DJJKD201	10/18/00	0136		
06	1-5.2REDUP	DJJKD201	10/18/00	0213	5.26	17.95
07	PBLANK3	DKQ3A101	10/18/00	0251	5.26	17.95
08	SL45-4REDL	DJR02201	10/18/00	0328	5.26	
09	SL45-4RE	DJR02201	10/18/00	0405	5.26	17.96
10	SL49-1RE	DJR0K201	10/18/00	0442	5.26	17.95
11	SL48-4RE	DJR0G201	10/18/00	0520	5.26	17.95
12	SL47-4RE	DJR08201	10/18/00	0557	5.26	17.95
13	PIBLK3	PIBLK3 C509	10/18/00	0711	5.26	17.96
14	INDBM2	INDBM2 C619	10/18/00	0826	5.26	17.96
15	INDAM2	C618	10/18/00	0903	5.26	17.95
16	SL47-1RE	DJR07201	10/18/00	1019	5.26	17.95
17	SL47-1REDL	DJR07201	10/18/00	1056	5.26	17.95
18	SL47-REDUP	DJR0E201	10/18/00	1133	5.26	17.95
19	SL48-1REDL	DJR0F201	10/18/00	1210	5.26	17.99
20	SL48-1RE	DJR0F201	10/18/00	1248	5.26	17.99
21	SL46-1REDL	DJR03201	10/18/00	1439	5.25	17.94
22	SL46-1RE	DJR03201	10/18/00	1516	5.26	17.95
23	SL45-1REDL	DJR01201	10/18/00	1554	5.26	17.95
24	SL45-1RE	DJR01201	10/18/00	1631	5.26	17.95
25	PIBLK4	PIBLK4 C509	10/18/00	1822	5.26	17.95
26	PEM4	PEM4 C533	10/18/00	1900	5.26	17.96
27	SL44-1REDL	DJQXX201	10/18/00	2242	5.25	17.96
28	SL44-1RE	DJQXX201	10/18/00	2319	5.25	17.96
29	SL41-5.2REDL	DJJKF201	10/18/00	2359		
30	SL41-5.2RE	DJJKF201	10/19/00	0036	5.26	17.96
31	PIBLK5	PIBLK5 C533	10/19/00	0208	5.26	17.95
32	INDAM3	INDAM3 C618	10/19/00	0246	5.26	17.95

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLP2 PESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/10/00 10/1

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.26 DCB: 17.96

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDBM3	INDBM3 C619	10/19/00	0323	5.26	17.95
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
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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.

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PIBLK2	PIBLK2 C509	10/17/00	1924	4.17	15.91
02	PEM3	PEM3 C533	10/17/00	2001	4.17	15.91
03	SL40-5.2REDL	DJJK9201	10/17/00	2307		15.86
04	SL40-5.2RE	DJJK9201	10/17/00	2345	4.17	15.90
05	1-5.2REDUPDL	DJJKD201	10/18/00	0136		15.87
06	1-5.2REDUP	DJJKD201	10/18/00	0213		15.86
07	PBLANK3	DKQ3A101	10/18/00	0251	4.17	15.90
08	SL45-4REDL	DJR02201	10/18/00	0328		15.87
09	SL45-4RE	DJR02201	10/18/00	0405		15.90
10	SL49-1RE	DJR0K201	10/18/00	0442	4.17	15.90
11	SL48-4RE	DJR0G201	10/18/00	0520	4.17	15.90
12	SL47-4RE	DJR08201	10/18/00	0557	4.17	15.90
13	PIBLK3	C509	10/18/00	0711	4.17	15.91
14	INDBM2	INDBM2 C619	10/18/00	0826	4.17	15.91
15	INDAM2	C618	10/18/00	0903	4.17	15.91
16	SL47-1RE	DJR07201	10/18/00	1019	4.18	15.91
17	SL47-1REDL	DJR07201	10/18/00	1056	4.21	15.90
18	SL47-REDUP	DJR0E201	10/18/00	1133	4.17	15.90
19	SL48-1REDL	DJR0F201	10/18/00	1210	4.17	15.86
20	SL48-1RE	DJR0F201	10/18/00	1248	4.17	15.87
21	SL46-1REDL	DJR03201	10/18/00	1439		
22	SL46-1RE	DJR03201	10/18/00	1516		15.90
23	SL45-1REDL	DJR01201	10/18/00	1554		
24	SL45-1RE	DJR01201	10/18/00	1631		
25	PIBLK4	PIBLK4 C509	10/18/00	1822	4.17	15.91
26	PEM4	PEM4 C533	10/18/00	1900	4.17	15.91
27	SL44-1REDL	DJQXX201	10/18/00	2242	4.13	15.91
28	SL44-1RE	DJQXX201	10/18/00	2319	4.17	15.90
29	SL41-5.2REDL	DJJKF201	10/18/00	2359		
30	SL41-5.2RE	DJJKF201	10/19/00	0036		
31	PIBLK5	PIBLK5 C533	10/19/00	0209	4.17	15.91
32	INDAM3	INDAM3 C618	10/19/00	0246	4.17	15.91

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.

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GC Column: RTX-CLPPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 10/12/00 10/17/

Instrument ID: A2HP3

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.17 DCB: 15.91

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	INDBM3	INDBM3 C619	10/19/00	0323	4.17	15.91
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
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15						
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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.

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Florisil Cartridge Lot Number: 339467 Date of Analysis: 09/16/99

GC Column (1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLP2 PESTICIDES

COMPOUND	SPIKE ADDED (ug/L)	SPIKE RECOVERED (ug/L)	% REC #	QC LIMITS
alpha-BHC	10	8.8	88	80-120
gamma-BHC(Lindane)	10	8.1	81	80-120
Heptachlor	10	9.0	90	80-120
Endosulfan I	10	9.0	90	80-120
Dieldrin	20	18	90	80-120
Endrin	20	20	100	80-120
4,4'-DDD	20	18	90	80-120
4,4'-DDT	20	20	100	80-120
Methoxychlor	100	96	96	80-120
2,4,5-Trichlorophenol	50	1.2	2	0- 5
Tetrachloro-m-xylene	10	8.6	86	80-120
Decachlorobiphenyl	20	19	95	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	SL40-5.2DL	DJJK9101	09/13/00	09/13/00
02	SL41-5.2DL	DJJKF101	09/13/00	09/13/00
03	SL41-5.2	DJJKF101	09/13/00	09/13/00
04	SL41-5.2MS	DJJKF102	09/13/00	09/13/00
05	SL41-5.2MSD	DJJKF103	09/13/00	09/13/00
06	1-5.2DUPDL	DJJKD101	09/14/00	09/14/00
07	1-5.2DUP	DJJKD101	09/14/00	09/14/00
08	SL40-5.2	DJJK9101	09/14/00	09/14/00
09	PBLANK1	DJL1D101	09/14/00	09/14/00
10	PBLANK2	DJVT1101	09/14/00	09/14/00
11	SL47-4MSD	DJR08104	09/14/00	09/14/00
12	SL47-4MS	DJR08103	09/14/00	09/14/00
13	SL47-4	DJR08101	09/14/00	09/14/00
14	SL47-1DL	DJR07101	09/14/00	09/14/00
15	SL47-1	DJR07101	09/14/00	09/14/00
16	SL46-4	DJR05101	09/14/00	09/14/00
17	SL45-4DL	DJR02101	09/15/00	09/15/00
18	SL45-4	DJR02101	09/15/00	09/15/00
19	SL45-1DL	DJR01101	09/15/00	09/15/00
20	SL45-1	DJR01101	09/18/00	09/18/00
21	SL44-4DL	DJR00101	09/18/00	09/18/00
22	SL44-4	DJR00101	09/19/00	09/19/00

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Florisil Cartridge Lot Number: 339467 Date of Analysis: 09/16/99

GC Column (1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLP2 PESTICIDES

COMPOUND	SPIKE ADDED (ug/L)	SPIKE RECOVERED (ug/L)	% REC #	QC LIMITS
alpha-BHC	10	8.8	88	80-120
gamma-BHC(Lindane)	10	8.1	81	80-120
Heptachlor	10	9.0	90	80-120
Endosulfan I	10	9.0	90	80-120
Dieldrin	20	18	90	80-120
Endrin	20	20	100	80-120
4,4'-DDD	20	18	90	80-120
4,4'-DDT	20	20	100	80-120
Methoxychlor	100	96	96	80-120
2,4,5-Trichlorophenol	50	1.2	2	0- 5
Tetrachloro-m-xylene	10	8.6	86	80-120
Decachlorobiphenyl	20	19	95	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	SL46-1DL	DJR03101	09/19/00	09/19/00
02	SL46-1	DJR03101	09/19/00	09/19/00
03	SL48-1DL	DJR0F101	09/19/00	09/19/00
04	SL48-1	DJR0F101	09/19/00	09/19/00
05	SL47-DUP	DJR0E101	09/19/00	09/19/00
06	SL44-1DL	DJQXX101	09/19/00	09/19/00
07	SL44-1	DJQXX101	09/19/00	09/19/00
08	SL48-4	DJR0G101	09/19/00	09/19/00
09	SL49-1	DJR0K101	09/19/00	09/19/00
10	SL49-4	DJR0L101	09/19/00	09/19/00
11	PBLANK4	DKE6J101	10/13/00	10/13/00
12	SL44-4REDL	DJR00201	10/14/00	10/14/00
13	SL44-4RE	DJR00201	10/14/00	10/14/00
14	SL49-4RE	DJR0L201	10/14/00	10/14/00
15	SL46-4RE	DJR05201	10/14/00	10/14/00
16	SL40-5.2REDL	DJJK9201	10/17/00	10/17/00
17	SL40-5.2RE	DJJK9201	10/17/00	10/17/00
18	1-5.2REDUPDL	DJJKD201	10/18/00	10/18/00
19	1-5.2REDUP	DJJKD201	10/18/00	10/18/00
20	PBLANK3	DKQ3A101	10/18/00	10/18/00
21	SL45-4REDL	DJR02201	10/18/00	10/18/00
22	SL45-4RE	DJR02201	10/18/00	10/18/00

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Florisil Cartridge Lot Number: 339467 Date of Analysis: 09/16/99

GC Column (1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLP2 PESTICIDES

COMPOUND	SPIKE ADDED (ug/L)	SPIKE RECOVERED (ug/L)	% REC #	QC LIMITS
alpha-BHC	10	8.8	88	80-120
gamma-BHC(Lindane)	10	8.1	81	80-120
Heptachlor	10	9.0	90	80-120
Endosulfan I	10	9.0	90	80-120
Dieldrin	20	18	90	80-120
Endrin	20	20	100	80-120
4,4'-DDD	20	18	90	80-120
4,4'-DDT	20	20	100	80-120
Methoxychlor	100	96	96	80-120
2,4,5-Trichlorophenol	50	1.2	2	0- 5
Tetrachloro-m-xylene	10	8.6	86	80-120
Decachlorobiphenyl	20	19	95	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	SL49-1RE	DJR0K201	10/18/00	10/18/00
02	SL48-4RE	DJR0G201	10/18/00	10/18/00
03	SL47-4RE	DJR08201	10/18/00	10/18/00
04	SL47-1RE	DJR07201	10/18/00	10/18/00
05	SL47-1REDL	DJR07201	10/18/00	10/18/00
06	SL47-REDUP	DJR0E201	10/18/00	10/18/00
07	SL48-1REDL	DJR0F201	10/18/00	10/18/00
08	SL48-1RE	DJR0F201	10/18/00	10/18/00
09	SL46-1REDL	DJR03201	10/18/00	10/18/00
10	SL46-1RE	DJR03201	10/18/00	10/18/00
11	SL45-1REDL	DJR01201	10/18/00	10/18/00
12	SL45-1RE	DJR01201	10/18/00	10/18/00
13	SL44-1REDL	DJQXX201	10/18/00	10/18/00
14	SL44-1RE	DJQXX201	10/18/00	10/18/00
15	SL41-5.2REDL	DJJKF201	10/18/00	10/18/00
16	SL41-5.2RE	DJJKF201	10/19/00	10/19/00
17				
18				
19				
20				
21				
22				

9B
PESTICIDE GPC CALIBRATION

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GPC Column: 1024 Date of Analysis: 09/07/00

GC Column (1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLP2 PESTICIDES

COMPOUND	SPIKE ADDED (ug/L)	SPIKE RECOVERED (ug/L)	% REC #	QC. LIMITS REC.
gamma-BHC(Lindane)	0.50	0.44	88	80-110
Heptachlor	0.50	0.45	90	80-110
Aldrin	0.50	0.46	92	80-110
Dieldrin	1.0	0.88	88	80-110
Endrin	1.0	0.87	87	80-110
4,4'-DDT	1.0	0.91	91	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	SL40-5.2DL	DJJK9101	09/13/00	09/13/00
02	SL41-5.2DL	DJJKF101	09/13/00	09/13/00
03	SL41-5.2	DJJKF101	09/13/00	09/13/00
04	SL41-5.2MS	DJJKF102	09/13/00	09/13/00
05	SL41-5.2MSD	DJJKF103	09/13/00	09/13/00
06	1-5.2DUPDL	DJJKD101	09/14/00	09/14/00
07	1-5.2DUP	DJJKD101	09/14/00	09/14/00
08	SL40-5.2	DJJK9101	09/14/00	09/14/00
09	PBLANK1	DJL1D101	09/14/00	09/14/00
10	PBLANK2	DJVT1101	09/14/00	09/14/00
11	SL47-4MSD	DJR08104	09/14/00	09/14/00
12	SL47-4MS	DJR08103	09/14/00	09/14/00
13	SL47-4	DJR08101	09/14/00	09/14/00
14	SL47-1DL	DJR07101	09/14/00	09/14/00
15	SL47-1	DJR07101	09/14/00	09/14/00
16	SL46-4	DJR05101	09/14/00	09/14/00
17	SL45-4DL	DJR02101	09/15/00	09/15/00
18	SL45-4	DJR02101	09/15/00	09/15/00
19	SL45-1DL	DJR01101	09/15/00	09/15/00
20	SL45-1	DJR01101	09/18/00	09/18/00
21	SL44-4DL	DJR00101	09/18/00	09/18/00
22	SL44-4	DJR00101	09/19/00	09/19/00
23	SL46-1DL	DJR03101	09/19/00	09/19/00
24	SL46-1	DJR03101	09/19/00	09/19/00
25	SL48-1DL	DJR0F101	09/19/00	09/19/00
26	SL48-1	DJR0F101	09/19/00	09/19/00

9B
PESTICIDE GPC CALIBRATION

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

GPC Column: 1024 Date of Analysis: 09/07/00

GC Column (1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLP2 PESTICIDES

COMPOUND	SPIKE ADDED (ug/L)	SPIKE RECOVERED (ug/L)	% REC #	QC. LIMITS REC.
gamma-BHC(Lindane)	0.50	0.44	88	80-110
Heptachlor	0.50	0.45	90	80-110
Aldrin	0.50	0.46	92	80-110
Dieldrin	1.0	0.88	88	80-110
Endrin	1.0	0.87	87	80-110
4,4'-DDT	1.0	0.91	91	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	SL47-DUP	DJR0E101	09/19/00	09/19/00
02	SL44-1DL	DJQXX101	09/19/00	09/19/00
03	SL44-1	DJQXX101	09/19/00	09/19/00
04	SL48-4	DJR0G101	09/19/00	09/19/00
05	SL49-1	DJR0K101	09/19/00	09/19/00
06	SL49-4	DJR0L101	09/19/00	09/19/00
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
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26				

FORM IX SV-2 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

PBLANK3

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DKQ3A101 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan II	1	11.46	11.33	11.47	9.7	
	2	13.00	12.97	13.11	9.4	3.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

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FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

PBLANK4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DKE6J101 Date(s) Analyzed: 10/13/00 10/13/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.85	7.80	7.90	0.91	
	2	9.32	9.27	9.37	0.91	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL40-5.2

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJK9101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC(Lindane)	1	6.70	6.65	6.75	36	
	2	8.27	8.22	8.32	39	8.3
Heptachlor	1	7.76	7.71	7.81	170	
	2	9.24	9.20	9.30	180	5.9
Aldrin	1	8.38	8.33	8.43	3900	
	2	9.93	9.88	9.98	4200	7.7
Dieldrin	1	11.04	10.97	11.11	44	
	2	12.72	12.65	12.79	49	11.4
4,4'-DDD	1	11.87	11.80	11.94	140	
	2	15.19	15.12	15.26	150	7.1
4,4'-DDT	1	12.47	12.40	12.54	240	
	2	17.44	17.37	17.51	250	4.2
alpha-Chlordane	1	10.30	10.23	10.37	76	
	2	11.98	11.91	12.05	56	35.7
gamma-Chlordane	1	10.02	9.95	10.09	170	
	2	11.65	11.59	11.73	180	5.9

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL40-5.2DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJK9101 Date(s) Analyzed: 09/13/00 09/13/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	4200	
	2	9.93	9.88	9.98	4200	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL40-5.2RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJK9201 Date(s) Analyzed: 10/17/00 10/17/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	5.46	5.42	5.52	45	
	2	6.84	6.80	6.90	42	7.1
beta-BHC	1	6.47	6.42	6.52	110	
	2	7.98	7.93	8.03	28	292.8
gamma-BHC(Lindane)	1	6.19	6.14	6.24	110	
	2	7.70	7.65	7.75	110	0.0
Heptachlor	1	7.23	7.18	7.28	880	
	2	8.64	8.60	8.70	860	2.3
Aldrin	1	7.84	7.79	7.89	9800	
	2	9.31	9.27	9.37	10000	2.0
Dieldrin	1	10.49	10.43	10.57	250	
	2	11.98	11.91	12.05	150	66.7
4,4'-DDD	1	11.34	11.29	11.43	460	
	2	13.11	12.97	13.11	26	999.9
4,4'-DDT	1	11.90	11.84	11.98	1200	
	2	13.65	13.59	13.73	970	23.7

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL40-5.2RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJK9201 Date(s) Analyzed: 10/17/00 10/17/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-Chlordane	1	9.76	9.69	9.83	300	
	2	11.34	11.27	11.41	200	50.0
gamma-Chlordane	1	9.47	9.41	9.55	660	
	2	11.02	10.95	11.09	610	8.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL40-5.2REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJK9201 Date(s) Analyzed: 10/17/00 10/17/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	14000	
	2	9.31	9.27	9.37	14000	0.0
4,4'-DDT	1	11.90	11.84	11.98	1500	
	2	13.65	13.59	13.73	1200	25.0
gamma-Chlordane	1	9.47	9.41	9.55	780	
	2	11.02	10.95	11.09	730	6.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF101 Date(s) Analyzed: 09/13/00 09/13/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.77	7.71	7.81	22000	
	2	9.24	9.20	9.30	24000	9.1
Aldrin	1	8.39	8.33	8.43	300000	
	2	9.93	9.88	9.98	330000	10.0
Dieldrin	1	11.05	10.97	11.11	1800	
	2	12.72	12.65	12.79	1800	0.0
4,4'-DDD	1	11.88	11.80	11.94	9100	
	2	15.19	15.12	15.26	9900	8.8
4,4'-DDT	1	12.48	12.40	12.54	18000	
	2	17.44	17.37	17.51	19000	5.6
alpha-Chlordane	1	10.31	10.23	10.37	5400	
	2	11.98	11.91	12.05	4400	22.7
gamma-Chlordane	1	10.03	9.95	10.09	15000	
	2	11.65	11.59	11.73	16000	6.7
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF101 Date(s) Analyzed: 09/13/00 09/13/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	93000	
	2	9.93	9.88	9.98	96000	3.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2MS

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF102 Date(s) Analyzed: 09/13/00 09/13/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.76	7.71	7.81	6400	
	2	9.24	9.20	9.30	6700	4.7
Aldrin	1	8.38	8.33	8.43	74000	
	2	9.93	9.88	9.98	78000	5.4
4,4'-DDD	1	11.87	11.80	11.94	2300	
	2	15.18	15.12	15.26	2500	8.7
4,4'-DDT	1	12.46	12.40	12.54	5400	
	2	17.43	17.37	17.51	5600	3.7
alpha-Chlordane	1	10.30	10.23	10.37	1200	
	2	11.97	11.91	12.05	930	29.0
gamma-Chlordane	1	10.02	9.95	10.09	3500	
	2	11.65	11.59	11.73	3400	2.9
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2MSD

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF103 Date(s) Analyzed: 09/13/00 09/13/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.75	7.71	7.81	6800	
	2	9.24	9.20	9.30	7200	5.9
Aldrin	1	8.38	8.33	8.43	94000	
	2	9.93	9.88	9.98	100000	6.4
4,4'-DDD	1	11.87	11.80	11.94	2700	
	2	15.18	15.12	15.26	2900	7.4
4,4'-DDT	1	12.47	12.40	12.54	5700	
	2	17.44	17.37	17.51	6000	5.3
alpha-Chlordane	1	10.30	10.23	10.37	1500	
	2	11.97	11.91	12.05	1200	25.0
gamma-Chlordane	1	10.02	9.95	10.09	4200	
	2	11.65	11.59	11.73	4300	2.4
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

1-5.2DUP

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKD101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.76	7.71	7.81	15000	
	2	9.24	9.20	9.30	16000	6.7
Aldrin	1	8.39	8.33	8.43	190000	
	2	9.93	9.88	9.98	200000	5.3
4,4'-DDD	1	11.88	11.80	11.94	6400	
	2	15.19	15.12	15.26	7400	15.6
4,4'-DDT	1	12.47	12.40	12.54	16000	
	2	17.44	17.37	17.51	16000	0.0
alpha-Chlordane	1	10.31	10.23	10.37	3000	
	2	11.98	11.91	12.05	2300	30.4
gamma-Chlordane	1	10.02	9.95	10.09	8600	
	2	11.65	11.59	11.73	7300	17.8
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

1-5.2DUPDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKD101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	150000	
	2	9.93	9.88	9.98	160000	6.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

1-5.2REDUP

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKD201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.23	7.18	7.28	12000	
	2	8.64	8.60	8.70	12000	0.0
Aldrin	1	7.84	7.79	7.89	130000	
	2	9.31	9.27	9.37	130000	0.0
4,4'-DDT	1	11.90	11.84	11.98	13000	
	2	13.65	13.59	13.73	12000	8.3
alpha-Chlordane	1	9.76	9.69	9.83	2900	
	2	11.34	11.27	11.41	2200	31.8
gamma-Chlordane	1	9.47	9.41	9.55	8000	
	2	11.02	10.95	11.09	6700	19.4
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

1-5.2REDUPDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKD201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	140000	
	2	9.31	9.27	9.37	130000	7.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF201 Date(s) Analyzed: 10/19/00 10/19/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.23	7.18	7.28	17000	
	2	8.64	8.60	8.70	16000	6.2
Aldrin	1	7.84	7.79	7.89	200000	
	2	9.31	9.27	9.37	190000	5.3
4,4'-DDT	1	11.91	11.84	11.98	20000	
	2	13.65	13.59	13.73	15000	33.3
alpha-Chlordane	1	9.76	9.69	9.83	4000	
	2	11.34	11.27	11.41	2700	48.1
gamma-Chlordane	1	9.47	9.41	9.55	11000	
	2	11.02	10.95	11.09	10000	10.0
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL41-5.2REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJJKF201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.85	7.79	7.89	220000	
	2	9.31	9.27	9.37	200000	10.0
gamma-Chlordane	1	9.48	9.41	9.55	11000	
	2	11.02	10.95	11.09	10000	10.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJQXX101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	1400	
	2	9.93	9.88	9.98	1400	0.0
Heptachlor epoxide	1	9.71	9.68	9.82	48	
	2	11.24	11.18	11.32	77	60.4
Dieldrin	1	11.04	10.97	11.11	310	
	2	12.71	12.65	12.79	270	14.8
4,4'-DDD	1	11.87	11.80	11.94	260	
	2	15.18	15.12	15.26	300	15.4
alpha-Chlordane	1	10.30	10.23	10.37	86	
	2	11.97	11.91	12.05	72	19.4
gamma-Chlordane	1	10.02	9.95	10.09	190	
	2	11.65	11.59	11.73	140	35.7
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-1DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJQXX101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	1500	
	2	9.93	9.88	9.98	1600	6.7
Dieldrin	1	11.04	10.97	11.11	550	
	2	12.72	12.65	12.79	570	3.6
4,4'-DDD	1	11.87	11.80	11.94	270	
	2	15.17	15.12	15.26	600	122.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJQXX201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC(Lindane)	1	6.20	6.14	6.24	130	
	2	7.69	7.65	7.75	36	261.1
Aldrin	1	7.84	7.79	7.89	1500	
	2	9.31	9.27	9.37	3100	106.7
Dieldrin	1	10.49	10.43	10.57	1300	
	2	11.97	11.91	12.05	1100	18.2
4,4'-DDE	1	10.12	10.06	10.20	53	
	2	11.85	11.79	11.93	51	3.9
alpha-Chlordane	1	9.76	9.69	9.83	220	
	2	11.34	11.27	11.41	120	83.3
gamma-Chlordane	1	9.47	9.41	9.55	490	
	2	11.02	10.95	11.09	420	16.7
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-1REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJQXX201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.86	7.79	7.89	3300	
	2	9.30	9.27	9.37	3100	6.4
Dieldrin	1	10.51	10.43	10.57	1400	
	2	11.97	11.91	12.05	1100	27.3
gamma-Chlordane	1	9.49	9.41	9.55	480	
	2	11.01	10.95	11.09	440	9.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR00101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
beta-BHC	1	6.98	6.93	7.03	4.5	
	2	8.53	8.49	8.59	4.4	2.3
delta-BHC	1	7.33	7.28	7.38	3.0	
	2	9.20	9.15	9.25	1.7	76.5
Aldrin	1	8.38	8.33	8.43	370	
	2	9.93	9.88	9.98	400	8.1
Dieldrin	1	11.04	10.97	11.11	11	
	2	12.72	12.65	12.79	12	9.1
4,4'-DDD	1	11.88	11.80	11.94	4.6	
	2	15.12	15.12	15.26	13	182.6
alpha-Chlordane	1	10.30	10.23	10.37	2.0	
	2	11.97	11.91	12.05	2.2	10.0
gamma-Chlordane	1	10.02	9.95	10.09	2.8	
	2	11.65	11.59	11.73	1.8	55.6
	1					
	2					

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-4DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR00101 Date(s) Analyzed: 09/18/00 09/18/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	250	
	2	9.93	9.88	9.98	250	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR00201 Date(s) Analyzed: 10/14/00 10/14/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.85	7.80	7.90	52	
	2	9.32	9.27	9.37	65	25.0
Dieldrin	1	10.50	10.43	10.57	4.2	
	2	11.98	11.92	12.06	4.0	5.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL44-4REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR00201 Date(s) Analyzed: 10/14/00 10/14/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.85	7.80	7.90	52	
	2	9.32	9.27	9.37	54	3.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR01101 Date(s) Analyzed: 09/18/00 09/18/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	20000	
	2	9.93	9.88	9.98	20000	0.0
Dieldrin	1	11.04	10.97	11.11	1100	
	2	12.72	12.65	12.79	620	77.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-1DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR01101 Date(s) Analyzed: 09/15/00 09/15/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	17000	
	2	9.93	9.88	9.98	17000	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR01201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	18000	
	2	9.31	9.27	9.37	18000	0.0
Dieldrin	1	10.49	10.43	10.57	830	
	2	11.98	11.91	12.05	710	16.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-1REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR01201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	20000	
	2	9.31	9.27	9.37	18000	11.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR02101 Date(s) Analyzed: 09/15/00 09/15/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	6200	
	2	9.93	9.88	9.98	6500	4.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-4DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR02101 Date(s) Analyzed: 09/15/00 09/15/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	2900	
	2	9.93	9.88	9.98	3000	3.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR02201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	3100	
	2	9.31	9.27	9.37	3100	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL45-4REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR02201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	3700	
	2	9.31	9.27	9.37	3500	5.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR03101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	16000	
	2	9.93	9.88	9.98	17000	6.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-1DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR03101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	16000	
	2	9.93	9.88	9.98	16000	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR03201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	10000	
	2	9.31	9.27	9.37	9900	1.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-1REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR03201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	11000	
	2	9.31	9.27	9.37	10000	10.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR05101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	87	
	2	9.93	9.88	9.98	90	3.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL46-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR05201 Date(s) Analyzed: 10/14/00 10/14/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.85	7.80	7.90	80	
	2	9.32	9.27	9.37	83	3.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR07101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	5.96	5.91	6.01	13	
	2	7.40	7.35	7.45	12	8.3
beta-BHC	1	6.99	6.93	7.03	17	
	2	8.53	8.49	8.59	7.2	136.1
delta-BHC	1	7.33	7.28	7.38	12	
	2	9.19	9.15	9.25	12	0.0
gamma-BHC(Lindane)	1	6.70	6.65	6.75	7.0	
	2	8.27	8.22	8.32	10	42.8
Aldrin	1	8.38	8.33	8.43	850	
	2	9.93	9.88	9.98	930	9.4
Dieldrin	1	11.04	10.97	11.11	200	
	2	12.72	12.65	12.79	230	15.0
4,4'-DDD	1	11.87	11.80	11.94	51	
	2	15.18	15.12	15.26	64	25.5
alpha-Chlordane	1	10.30	10.23	10.37	52	
	2	11.97	11.91	12.05	45	15.6

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR07101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-Chlordane	1	10.02	9.95	10.09	77	
	2	11.65	11.59	11.73	94	22.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-1DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR07101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	1000	
	2	9.93	9.88	9.98	1000	0.0
Dieldrin	1	11.04	10.97	11.11	240	
	2	12.71	12.65	12.79	250	4.2
gamma-Chlordane	1	10.02	9.95	10.09	87	
	2	11.65	11.59	11.73	98	12.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR07201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
delta-BHC	1	6.82	6.77	6.87	11	
	2	8.61	8.57	8.67	7.7	42.8
gamma-BHC(Lindane)	1	6.20	6.14	6.24	6.4	
	2	7.69	7.65	7.75	5.8	10.3
Aldrin	1	7.85	7.79	7.89	460	
	2	9.31	9.27	9.37	500	8.7
Dieldrin	1	10.50	10.43	10.57	140	
	2	11.98	11.91	12.05	130	7.7
alpha-Chlordane	1	9.76	9.69	9.83	36	
	2	11.34	11.27	11.41	21	71.4
gamma-Chlordane	1	9.48	9.41	9.55	50	
	2	11.02	10.95	11.09	47	6.4
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-1REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR07201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	350	
	2	9.31	9.27	9.37	340	2.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR08101 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	56	
	2	9.93	9.88	9.98	58	3.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-4MS

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR08103 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC(Lindane)	1	6.70	6.65	6.75	12	
	2	8.26	8.22	8.32	13	8.3
Aldrin	1	8.38	8.33	8.43	76	
	2	9.92	9.88	9.98	78	2.6
Dieldrin	1	11.04	10.97	11.11	30	
	2	12.71	12.65	12.79	32	6.7
Endrin	1	11.48	11.41	11.55	27	
	2	13.81	13.76	13.90	28	3.7
4,4'-DDT	1	12.46	12.40	12.54	26	
	2	17.41	17.37	17.51	28	7.7
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-4MSD

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR08104 Date(s) Analyzed: 09/14/00 09/14/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC(Lindane)	1	6.70	6.65	6.75	14	
	2	8.26	8.22	8.32	15	7.1
Aldrin	1	8.38	8.33	8.43	33	
	2	9.93	9.88	9.98	35	6.1
Dieldrin	1	11.04	10.97	11.11	36	
	2	12.71	12.65	12.79	19	89.5
Endrin	1	11.48	11.41	11.55	32	
	2	13.81	13.76	13.90	34	6.2
4,4'-DDT	1	12.46	12.40	12.54	32	
	2	17.42	17.37	17.51	35	9.4
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR08201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
beta-BHC	1	6.45	6.42	6.52	5.8	
	2	7.96	7.93	8.03	1.2	383.3
Aldrin	1	7.84	7.79	7.89	15	
	2	9.31	9.27	9.37	16	6.7
Dieldrin	1	10.49	10.43	10.57	2.9	
	2	11.98	11.91	12.05	2.2	31.8
gamma-Chlordane	1	9.47	9.41	9.55	2.2	
	2	11.02	10.95	11.09	2.0	10.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-DUP

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0E101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
beta-BHC	1	6.94	6.93	7.03	9.0	
	2	8.52	8.49	8.59	3.9	130.8
delta-BHC	1	7.30	7.28	7.38	2.3	
	2	9.16	9.15	9.25	11	378.3
gamma-BHC(Lindane)	1	6.69	6.65	6.75	2.6	
	2	8.27	8.22	8.32	3.2	23.1
Aldrin	1	8.38	8.33	8.43	12	
	2	9.93	9.88	9.98	14	16.7
Dieldrin	1	11.04	10.97	11.11	4.8	
	2	12.71	12.65	12.79	5.1	6.2
gamma-Chlordane	1	10.02	9.95	10.09	3.1	
	2	11.65	11.59	11.73	5.2	67.7
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL47-REDUP

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0E201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	7.84	7.79	7.89	15	
	2	9.31	9.27	9.37	21	40.0
Dieldrin	1	10.49	10.43	10.57	3.9	
	2	11.97	11.91	12.05	3.2	21.9
gamma-Chlordane	1	9.47	9.41	9.55	2.2	
	2	11.02	10.95	11.09	2.1	4.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL48-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0F101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	2.4	
	2	9.88	9.88	9.98	10	316.7
4,4'-DDE	1	10.63	10.58	10.72	8.1	
	2	12.53	12.45	12.59	3.6	125.0
Endrin ketone	1	17.03	16.94	17.08	11	
	2	21.66	21.63	21.77	11	0.0
Endrin aldehyde	1	13.09	12.97	13.11	8.4	
	2	17.89	17.75	17.89	10	19.0
gamma-Chlordane	1	10.07	9.95	10.09	75	
	2	11.69	11.59	11.73	75	0.0
	1					
	2					
	1					
	2					
	1					
	2					

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL48-1DL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0F101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-Chlordane	1	10.07	9.95	10.09	73	
	2	11.69	11.59	11.73	63	15.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL48-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0F201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
delta-BHC	1	6.85	6.77	6.87	78	
	2	8.57	8.57	8.67	20	290.0
Heptachlor	1	7.25	7.18	7.28	6700	
	2	8.68	8.60	8.70	16	999.9
Endrin	1	10.97	10.86	11.00	91	
	2	12.55	12.51	12.65	7.2	999.9
Endosulfan II	1	11.46	11.33	11.47	33	
	2	13.00	12.97	13.11	33	0.0
4,4'-DDT	1	11.90	11.84	11.98	13	
	2	13.70	13.59	13.73	7.4	75.7
Endrin ketone	1	13.67	13.59	13.73	21	
	2	15.35	15.27	15.41	180	757.1
gamma-Chlordane	1	9.53	9.41	9.55	92	
	2	11.05	10.95	11.09	91	1.1
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL48-1REDL

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0F201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-Chlordane	1	9.53	9.41	9.55	60	
	2	11.05	10.95	11.09	52	15.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL48-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0G101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	8.38	8.33	8.43	2.8	
	2	9.93	9.88	9.98	2.6	7.7
alpha-Chlordane	1	10.30	10.23	10.37	2.6	
	2	11.97	11.91	12.05	3.4	30.8
gamma-Chlordane	1	10.02	9.95	10.09	3.0	
	2	11.65	11.59	11.73	3.9	30.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL49-1

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0K101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC(Lindane)	1	6.74	6.65	6.75	1.9	
	2	8.25	8.22	8.32	1.5	26.7
Aldrin	1	8.38	8.33	8.43	6.7	
	2	9.93	9.88	9.98	7.5	11.9
Heptachlor epoxide	1	9.71	9.68	9.82	1.5	
	2	11.24	11.18	11.32	56	999.9
Endosulfan I	1	10.48	10.46	10.60	2.4	
	2	12.11	11.97	12.11	2.0	20.0
Dieldrin	1	11.04	10.97	11.11	2.6	
	2	12.71	12.65	12.79	2.4	8.3
alpha-Chlordane	1	10.30	10.23	10.37	5.6	
	2	11.97	11.91	12.05	4.9	14.3
gamma-Chlordane	1	10.02	9.95	10.09	10	
	2	11.65	11.59	11.73	7.1	40.8
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL49-1RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0K201 Date(s) Analyzed: 10/18/00 10/18/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	7.24	7.18	7.28	7900	
	2	8.68	8.60	8.70	46	999.9
Aldrin	1	7.84	7.79	7.89	1.8	
	2	9.34	9.27	9.37	540	999.9
gamma-Chlordane	1	9.47	9.41	9.55	2.8	
	2	11.02	10.95	11.09	2.9	3.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL49-4

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0L101 Date(s) Analyzed: 09/19/00 09/19/00

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
beta-BHC	1	6.98	6.93	7.03	1.9	
	2	8.54	8.49	8.59	2.4	26.3
delta-BHC	1	7.33	7.28	7.38	2.3	
	2	9.19	9.15	9.25	1.6	43.8
Aldrin	1	8.38	8.33	8.43	25	
	2	9.93	9.88	9.98	24	4.2
alpha-Chlordane	1	10.30	10.23	10.37	3.1	
	2	11.97	11.91	12.05	3.9	25.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SL49-4RE

Lab Name: SEVERN TRENT LABORATORIES Contract:

Lab Code: QESOH Case No.: SAS No.: SDG No.: H29120

Lab Sample ID: DJR0L201 Date(s) Analyzed: 10/14/00 10/14/00

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

GC Column(1): RTX-CLPPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLP2 PESTICIDES

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-Chlordane	1	9.47	9.41	9.55	1.1	
	2	11.02	10.96	11.10	1.1	0.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic.b/004f0401.d
Lab Smp Id: C511 Client Smp ID: RESC1
Inj Date : 06-SEP-2000 16:08
Operator : 1808 Inst ID: a2hp4.i
Smp Info : RESC1 C511
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic.b/clp30a.m
Meth Date : 07-Sep-2000 11:56 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 11-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2370245	0.01932	0.19	80.00- 120.00	100.00(RR)
15 Endosulfan I					CAS #: 959-98-8		
10.462	10.602	-0.140	1109658	0.00988	0.099	80.00- 120.00	100.00(R)
16 gamma-Chlordane					CAS #: 5103-74-2		
9.949	10.089	-0.140	1166930	0.00917	0.092	80.00- 120.00	100.00(R)
18 4,4'-DDE					CAS #: 72-55-9		
10.580	10.720	-0.140	2383763	0.01884	0.19	80.00- 120.00	100.00(R)
19 Dieldrin					CAS #: 60-57-1		
10.974	11.114	-0.140	2420430	0.01928	0.19	80.00- 120.00	100.00(R)

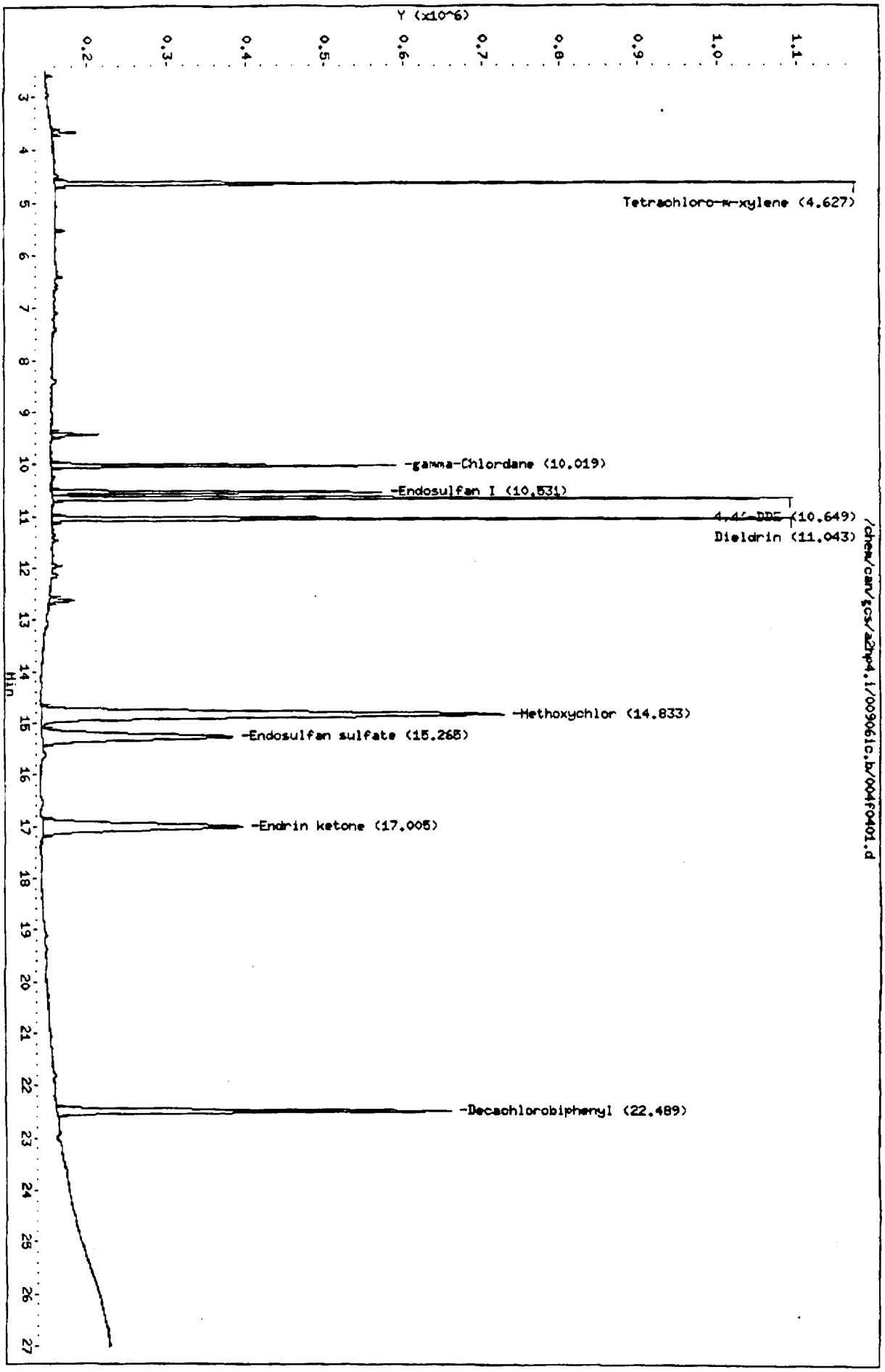
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Endosulfan sulfate					CAS #: 1031-07-8		
15.200	15.340	-0.140	2053871	0.02051	0.20	80.00- 120.00	100.00(R)
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	4820398	0.10243	1.0	80.00- 120.00	100.00(R)
29 Endrin ketone					CAS #: 53494-70-5		
16.940	17.080	-0.140	2267080	0.02039	0.20	80.00- 120.00	100.00(R)
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	2165413	0.02148	0.21	80.00- 120.00	100.00(RR)

QC Flag Legend

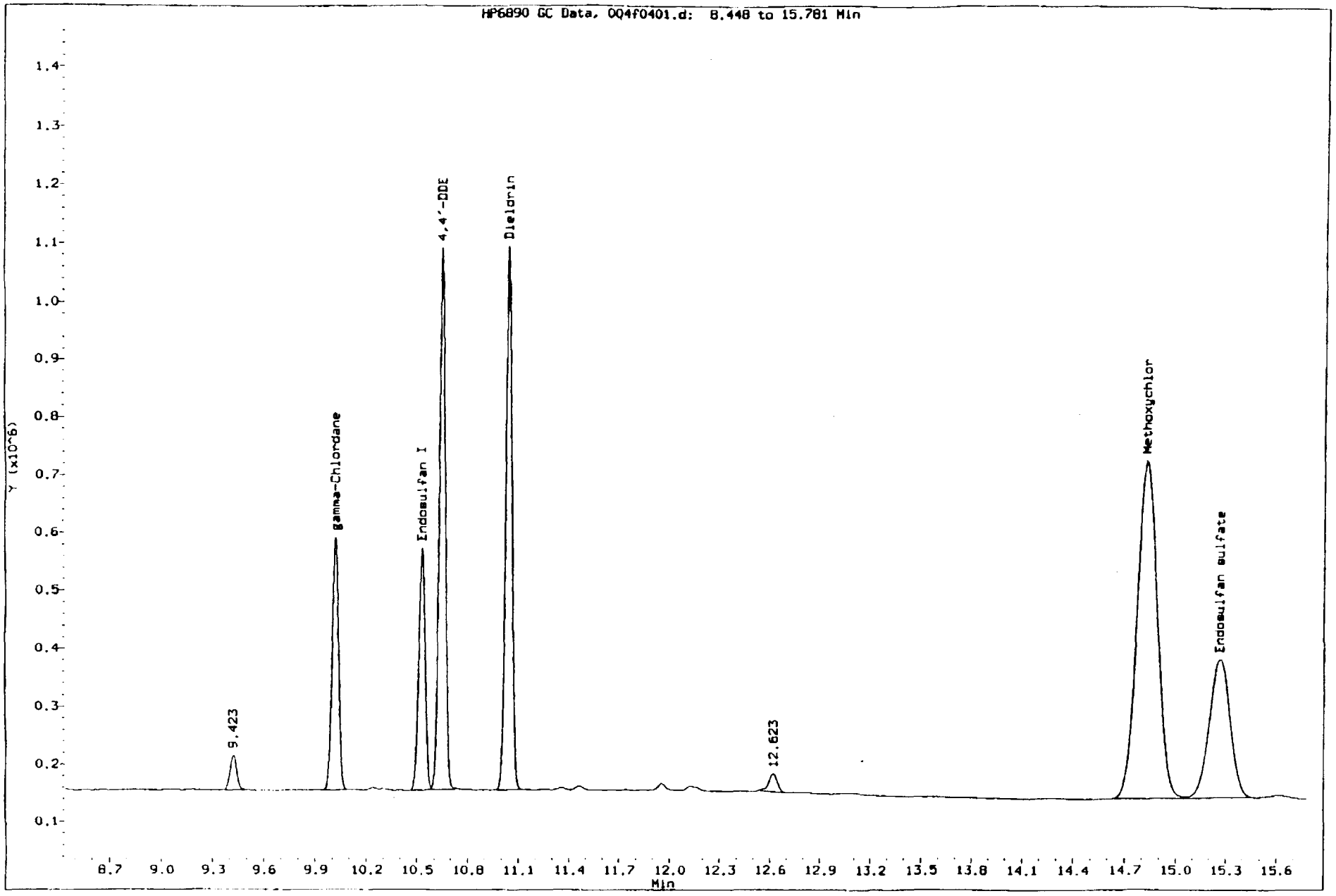
R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp4.i/0090610.b/004f0401.d
Date : 06-SEP-2000 16:08
Client ID: RESC1
Sample Info: RESC1 C511
Volume Injected (ul): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



Data File: /chem/can/gcs/a2hp4.1/009061c.b/004f0401.d
Injection Date: 06-SEP-2000 16:08
Instrument: a2hp4.1
Client Sample ID: RESC1



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic-r.b/004f0401.d
Lab Smp Id: C511 Client Smp ID: RESC1
Inj Date : 06-SEP-2000 16:08
Operator : 1808 Inst ID: a2hp4.i
Smp Info : RESC1 C511
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic-r.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 11-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2521377	0.01939	0.19	80.00- 120.00	100.00(RR)
15 Endosulfan I					CAS #: 959-98-8		
11.974	12.114	-0.140	1120025	0.01001	0.10	80.00- 120.00	100.00(R)
14 gamma-Chlordane					CAS #: 5103-74-2		
11.586	11.726	-0.140	1171888	0.00936	0.094	80.00- 120.00	100.00(R)
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	2366284	0.01904	0.19	80.00- 120.00	100.00(R)
18 Dieldrin					CAS #: 60-57-1		
12.651	12.791	-0.140	2371354	0.01922	0.19	80.00- 120.00	100.00(R)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
25 Endosulfan sulfate					CAS #: 1031-07-8		
19.389	19.529	-0.140	2008746	0.02018	0.20	80.00- 120.00	100.00(R)
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	4215592	0.10026	1.0	80.00- 120.00	100.00(R)
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	2125662	0.02065	0.21	80.00- 120.00	100.00(R)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1900371	0.02129	0.21	80.00- 120.00	100.00(RR)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp4.i/009061c-r.b/004f0401.d

Date : 06-SEP-2000 16:08

Client ID: RESC1

Sample Info: RESC1 C511

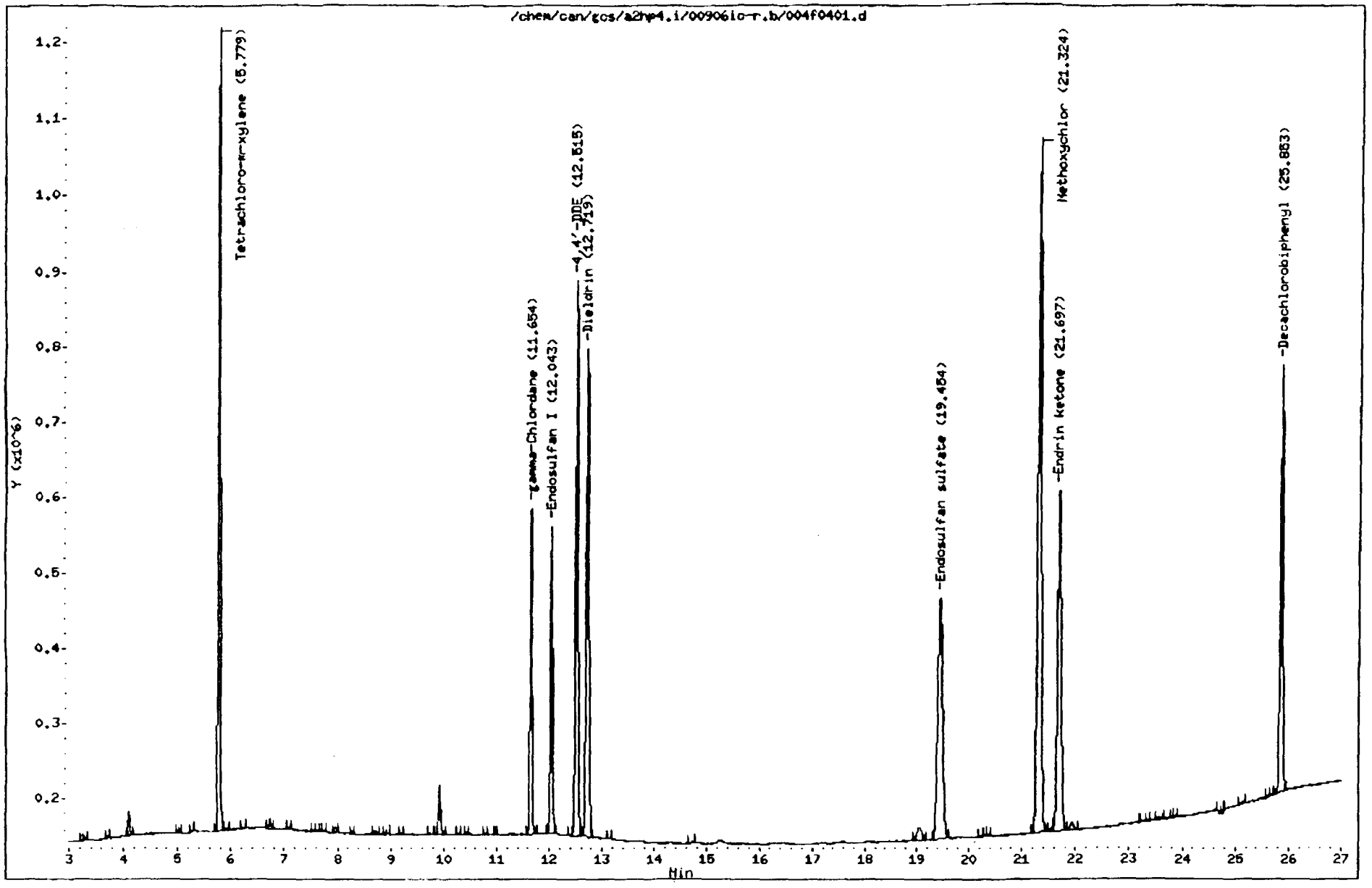
Volume Injected (uL): 1.0

Column phase: Rtx-CLP2 PESTICIDES

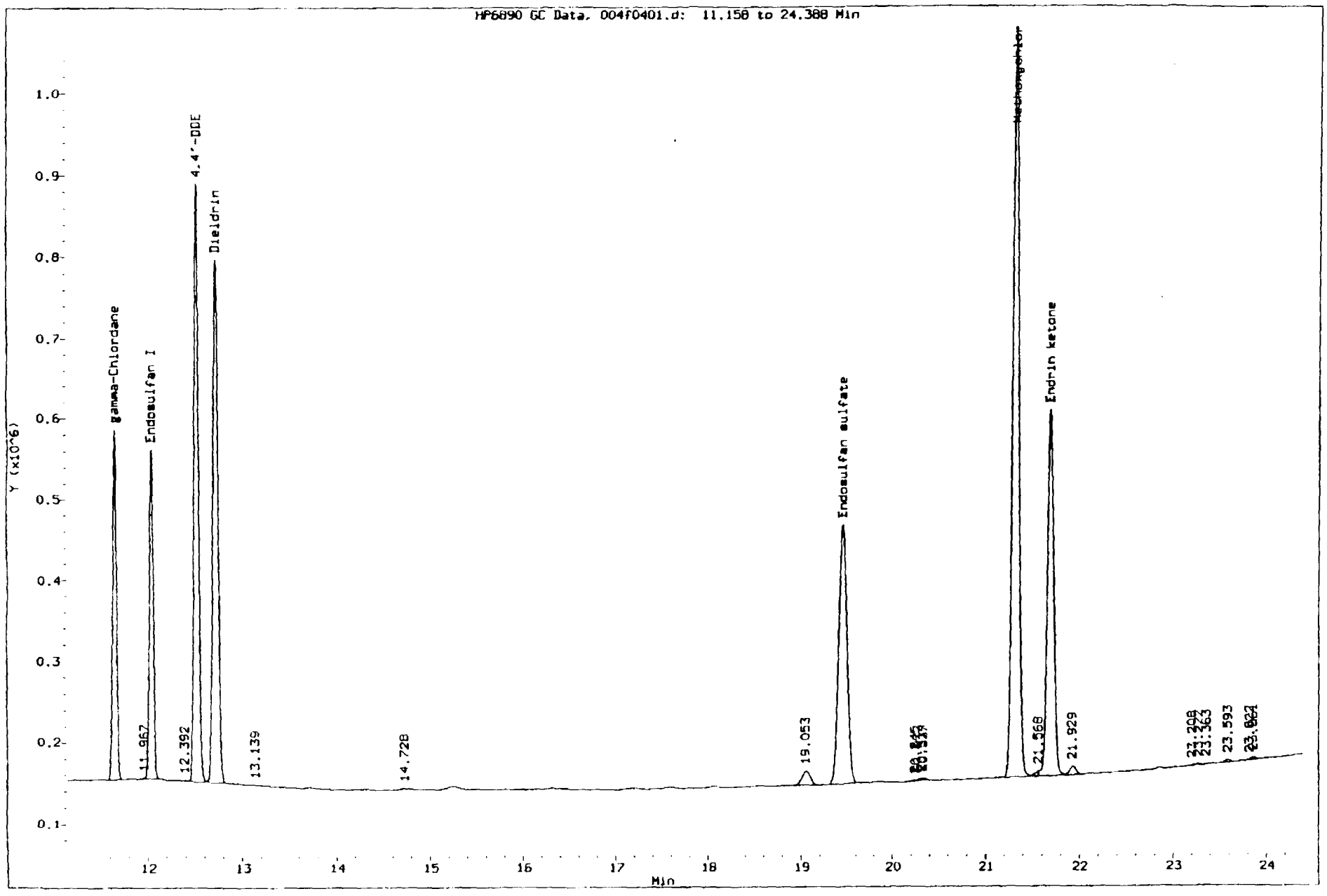
Instrument: a2hp4.i

Operator: 1808

Column diameter: 0.53



Data File: /chem/can/gcs/a2hp4.i/009061c-r.b/004f0401.d
Injection Date: 06-SEP-2000 16:08
Instrument: a2hp4.i
Client Sample ID: RESC1



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/004f0401.d
Lab Smp Id: C511 Client Smp ID: RESC1
Inj Date : 12-OCT-2000 16:25
Operator : 001754 Inst ID: a2hp3.i
Smp Info : RESC1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 24-Oct-2000 01:42 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	3565075	0.01898	0.19	80.00- 120.00	100.00(RR)
15 Endosulfan I					CAS #: 959-98-8		
9.914	10.054	-0.140	1776430	0.00934	0.093	80.00- 120.00	100.00(R)
16 gamma-Chlordane					CAS #: 5103-74-2		
9.407	9.547	-0.140	1828635	0.00885	0.088	80.00- 120.00	100.00(R)
18 4,4'-DDE					CAS #: 72-55-9		
10.058	10.198	-0.140	3591394	0.01828	0.18	80.00- 120.00	100.00(R)
19 Dieldrin					CAS #: 60-57-1		
10.427	10.567	-0.140	3830198	0.01848	0.18	80.00- 120.00	100.00(R)

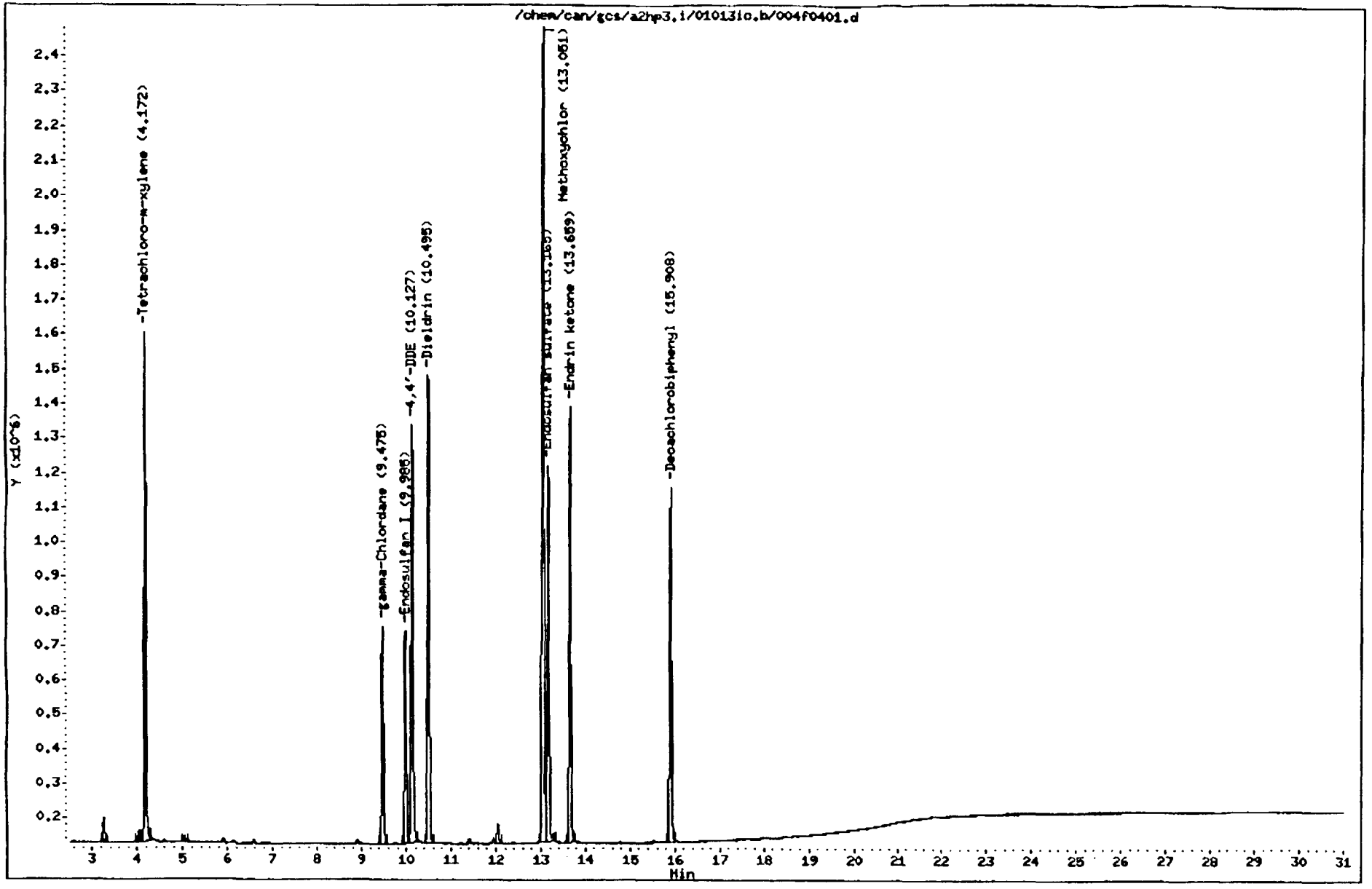
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Endosulfan sulfate					CAS #: 1031-07-8		
13.095	13.235	-0.140	3356237	0.02019	0.20	80.00- 120.00	100.00(R)
28 Methoxychlor					CAS #: 72-43-5		
12.981	13.121	-0.140	7089716	0.09469	0.95	80.00- 120.00	100.00(R)
29 Endrin ketone					CAS #: 53494-70-5		
13.590	13.730	-0.140	3633016	0.01923	0.19	80.00- 120.00	100.00(R)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3146399	0.02001	0.20	80.00- 120.00	100.00(RR)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/010131o.b/004f0401.d
Date : 12-OCT-2000 16:26
Client ID: RESC1
Sample Info: RESC1
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SMI North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/004f0401.d
Lab Smp Id: C511 Client Smp ID: RESC1
Inj Date : 12-OCT-2000 16:25
Operator : 001754 Inst ID: a2hp3.i
Smp Info : RESC1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 16-Oct-2000 08:20 dempstes Quant Type: ESTD
Cal Date : 12-OCT-2000 22:37 Cal File: 014f1401.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 11-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.319	-0.100	2795648	0.01966	0.20	80.00- 120.00	100.00(RX)
15 Endosulfan I					CAS #: 959-98-8		
11.338	11.478	-0.140	1420108	0.00958	0.096	80.00- 120.00	100.00(R)
14 gamma-Chlordane					CAS #: 5103-74-2		
10.960	11.100	-0.140	1446812	0.00901	0.090	80.00- 120.00	100.00(R)
19 4,4'-DDE					CAS #: 72-55-9		
11.791	11.931	-0.140	2896032	0.01869	0.19	80.00- 120.00	100.00(R)
18 Dieldrin					CAS #: 60-57-1		
11.916	12.056	-0.140	3113567	0.01914	0.19	80.00- 120.00	100.00(R)

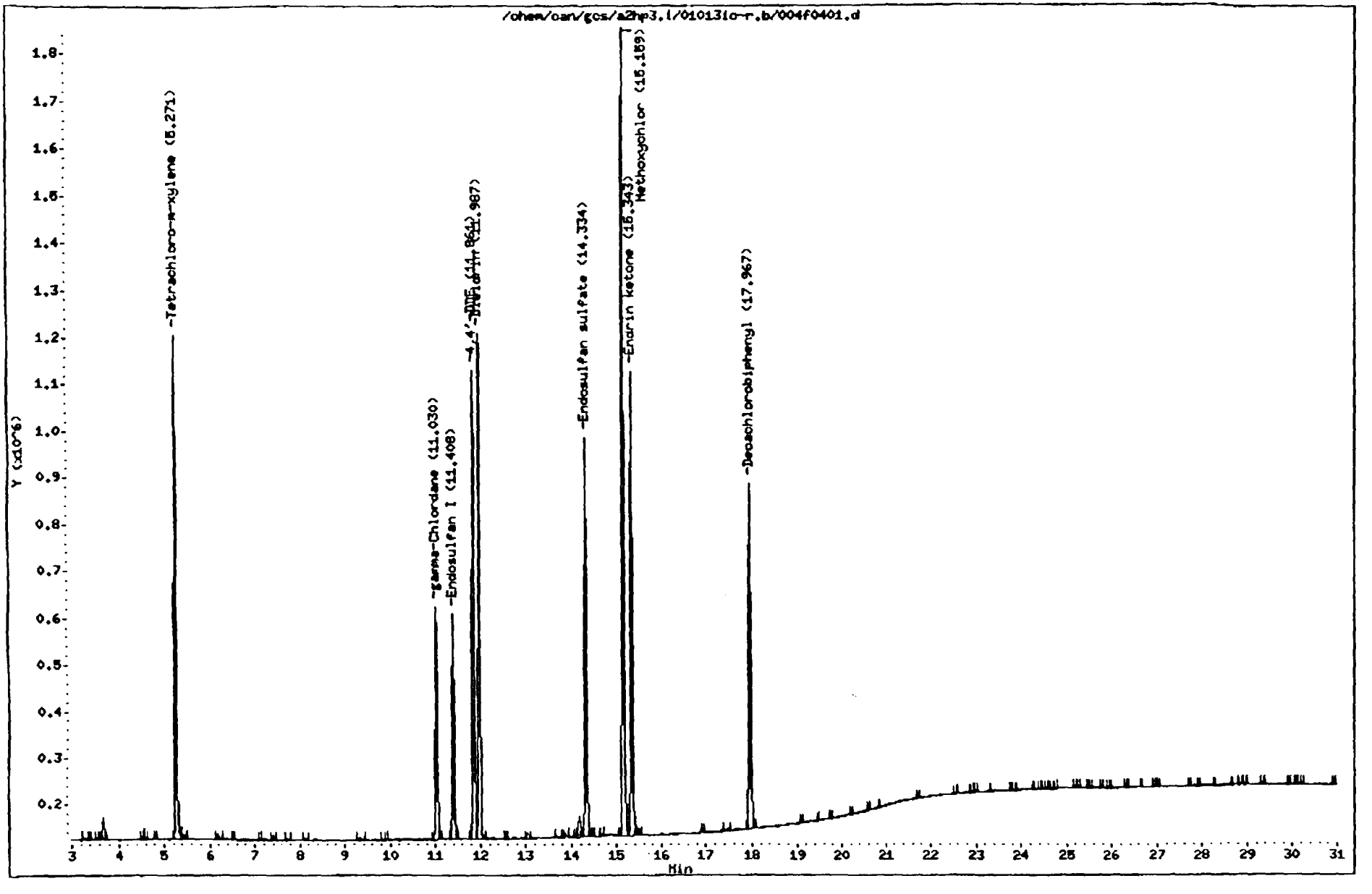
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
25 Endosulfan sulfate					CAS #: 1031-07-8		
14.262	14.402	-0.140	2486587	0.01944	0.19	80.00- 120.00	100.00(R)
29 Methoxychlor					CAS #: 72-43-5		
15.089	15.229	-0.140	5046747	0.09341	0.93	80.00- 120.00	100.00(R)
28 Endrin ketone					CAS #: 53494-70-5		
15.271	15.411	-0.140	2857687	0.01957	0.20	80.00- 120.00	100.00(R)
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	2255707	0.02047	0.20	80.00- 120.00	100.00(RR)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/01013ic-r.b/004f0401.d
Date : 12-OCT-2000 16:25
Client ID: RESC1
Sample Info: RESC1
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001784
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01016c.b/004f0401.d
Lab Smp Id: RESC1 Client Smp ID: RESC1
Inj Date : 16-OCT-2000 15:23
Operator : 001754 Inst ID: a2hp3.i
Smp Info : RESC1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01016c.b/clp30a.m
Meth Date : 23-Oct-2000 23:19 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

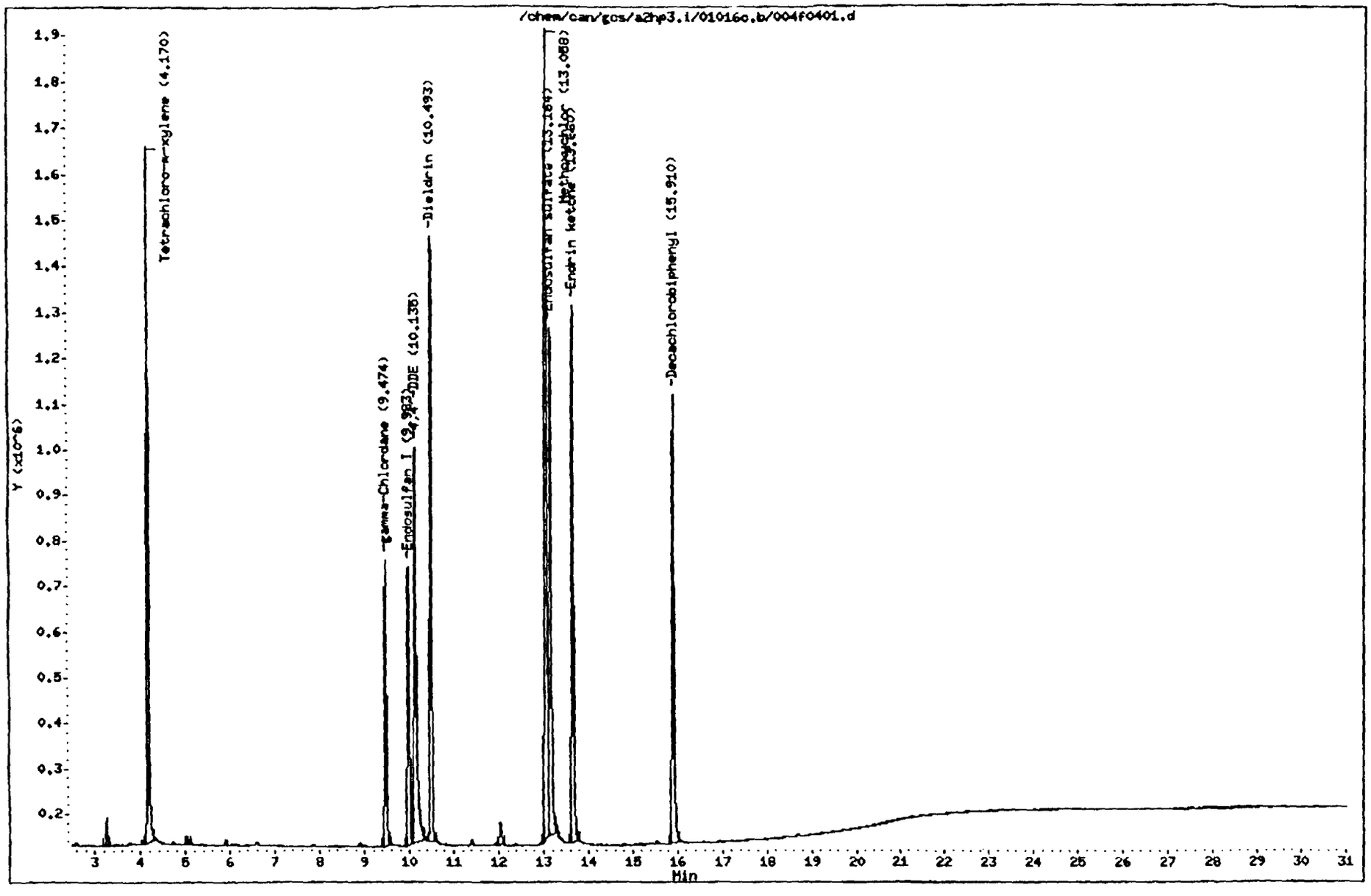
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	3801536	0.02093	0.21	80.00- 120.00	100.00
15 Endosulfan I					CAS #: 959-98-8		
9.913	10.053	-0.140	1797074	0.00997	0.100	80.00- 120.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2		
9.405	9.545	-0.140	1851794	0.00952	0.095	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.062	10.202	-0.140	3356789	0.01892	0.19	80.00- 120.00	100.00
19 Dieldrin					CAS #: 60-57-1		
10.425	10.565	-0.140	3818743	0.01962	0.20	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
27 Endosulfan sulfate					CAS #: 1031-07-8		
13.093	13.233	-0.140	3629290	0.02291	0.23	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.985	13.125	-0.140	6085152	0.09272	0.93	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.589	13.729	-0.140	3559710	0.02045	0.20	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3241829	0.02157	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010160.b/004f0401.d
Date : 16-OCT-2000 15:23
Client ID: RESC1
Sample Info: RESC1
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01016c-r.b/004f0401.d
Lab Smp Id: RESC1 Client Smp ID: RESC1
Inj Date : 16-OCT-2000 15:23
Operator : 001754 Inst ID: a2hp3.i
Smp Info : RESC1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01016c-r.b/clp30b.m
Meth Date : 23-Oct-2000 23;24 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 4 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 11-RESC.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

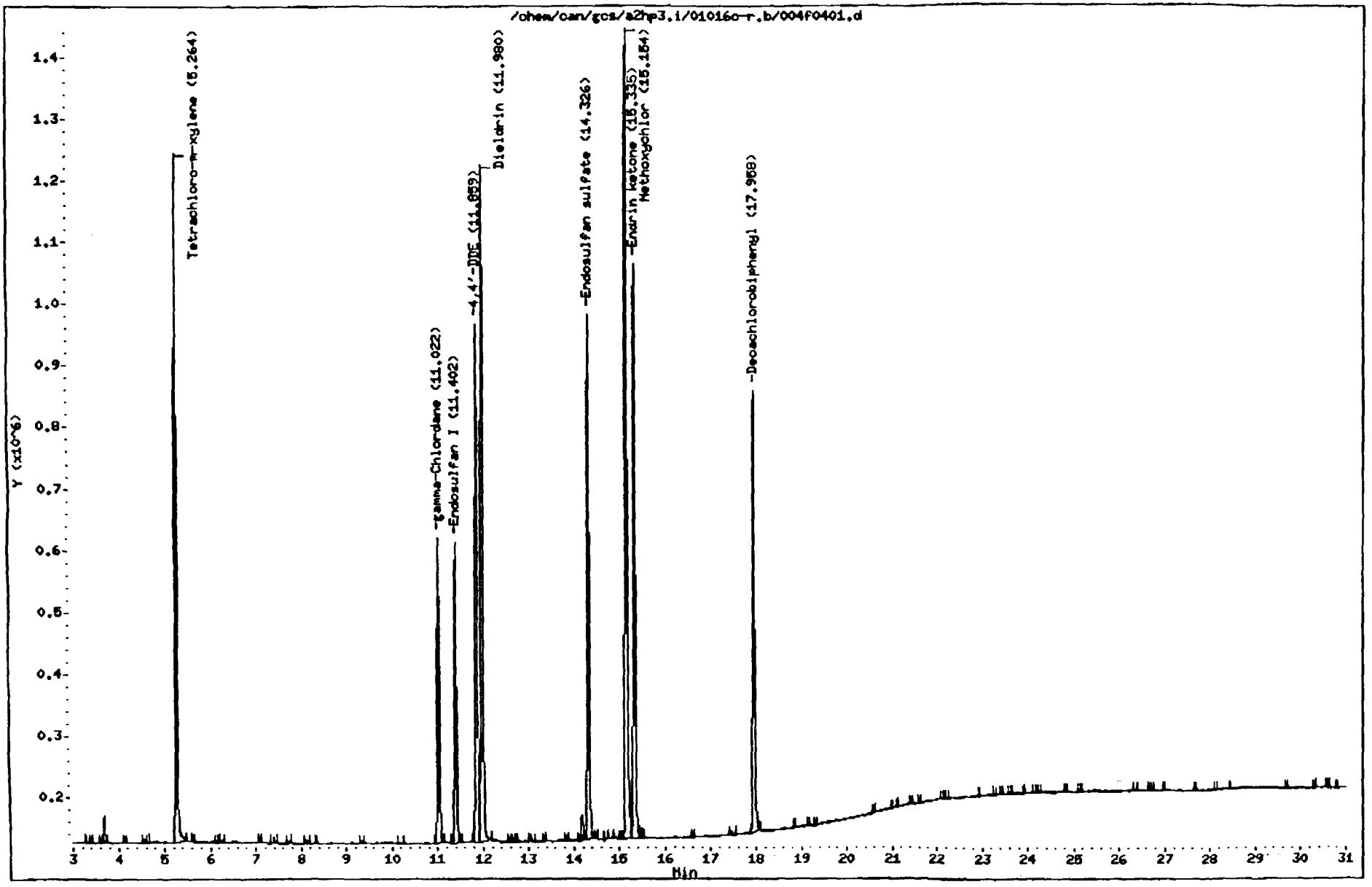
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.215	5.315	-0.100	2950652	0.01988	0.20	80.00- 120.00	100.00
15 Endosulfan I					CAS #: 959-98-8		
11.331	11.471	-0.140	1452688	0.00981	0.098	80.00- 120.00	100.00
14 gamma-Chlordane					CAS #: 5103-74-2		
10.953	11.093	-0.140	1470005	0.00917	0.092	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
11.789	11.929	-0.140	2689495	0.01771	0.18	80.00- 120.00	100.00
18 Dieldrin					CAS #: 60-57-1		
11.911	12.051	-0.140	3280507	0.02027	0.20	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
25 Endosulfan sulfate					CAS #: 1031-07-8		
14.257	14.397	-0.140	2501579	0.01963	0.20	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
15.085	15.225	-0.140	4237887	0.09020	0.90	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
15.266	15.406	-0.140	2802284	0.01974	0.20	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.858	18.058	-0.200	2267755	0.02106	0.21	80.00- 120.00	100.00

Data File: /ohem/can/gcs/a2hp3.i/01016o-r.b/004f0401.d
Date : 16-OCT-2000 15:23
Client ID: RESC1
Sample Info: RESC1
Volume Injected (ul.): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic.b/005f0501.d
Lab Smp Id: C533 Client Smp ID: PEM1
Inj Date : 06-SEP-2000 16:41
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM1 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic.b/clp30a.m
Meth Date : 07-Sep-2000 11:56 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

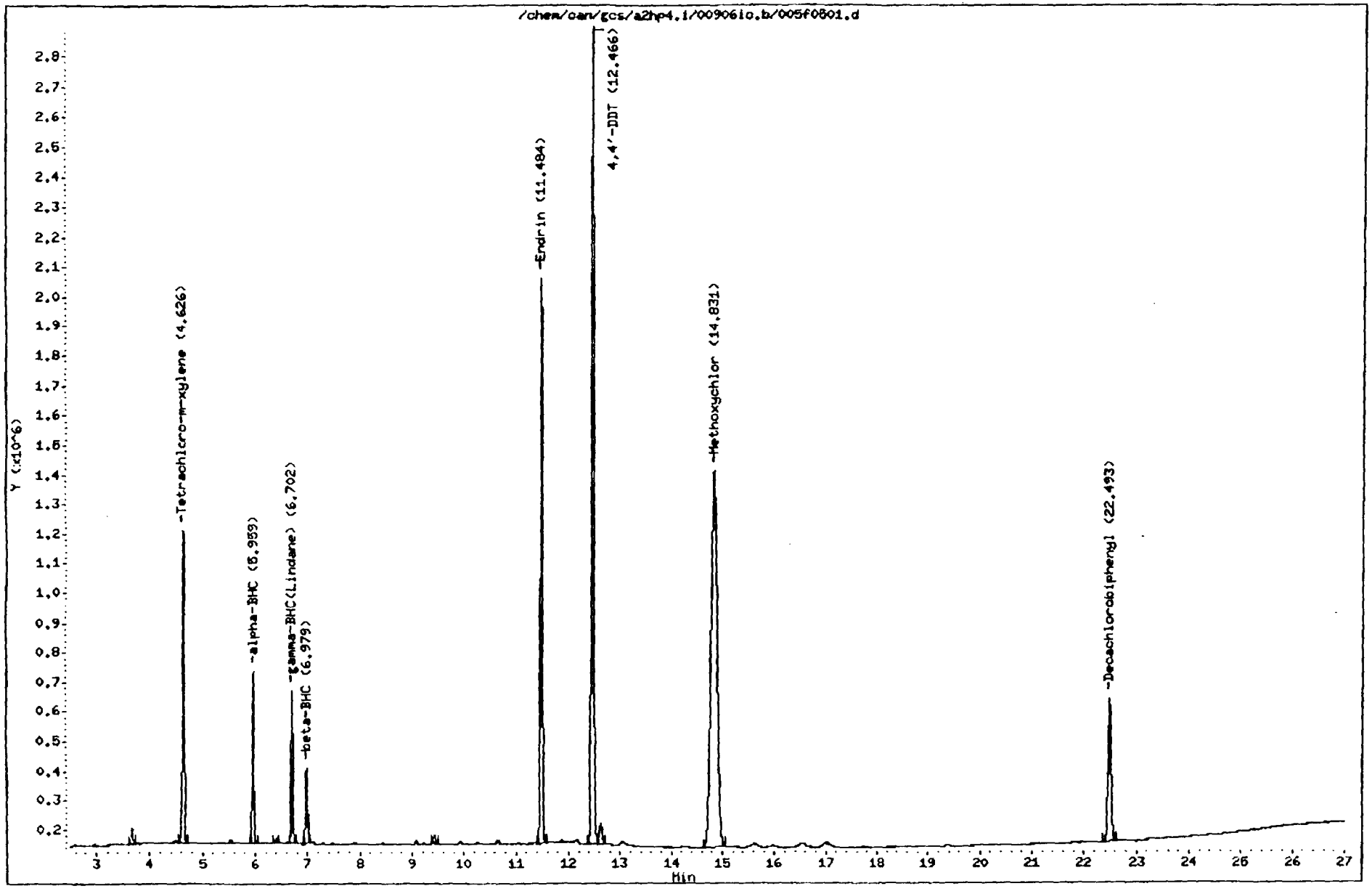
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2403828	0.01960	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1331653	0.00825	0.082	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1212277	0.00858	0.086	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	628998	0.01034	0.10	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	4945058	0.05056	0.50	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	8505759	0.09011	0.90	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	10423654	0.22150	2.2	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	2038614	0.02022	0.20	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/00906ic.b/005f0501.d
Date : 06-SEP-2000 16:41
Client ID: PEM1
Sample Info: PEM1 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic.b/020f2001.d
Lab Smp Id: C533 Client Smp ID: PEM2
Inj Date : 07-SEP-2000 00:45
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM2 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic.b/clp30a.m
Meth Date : 07-Sep-2000 11:56 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

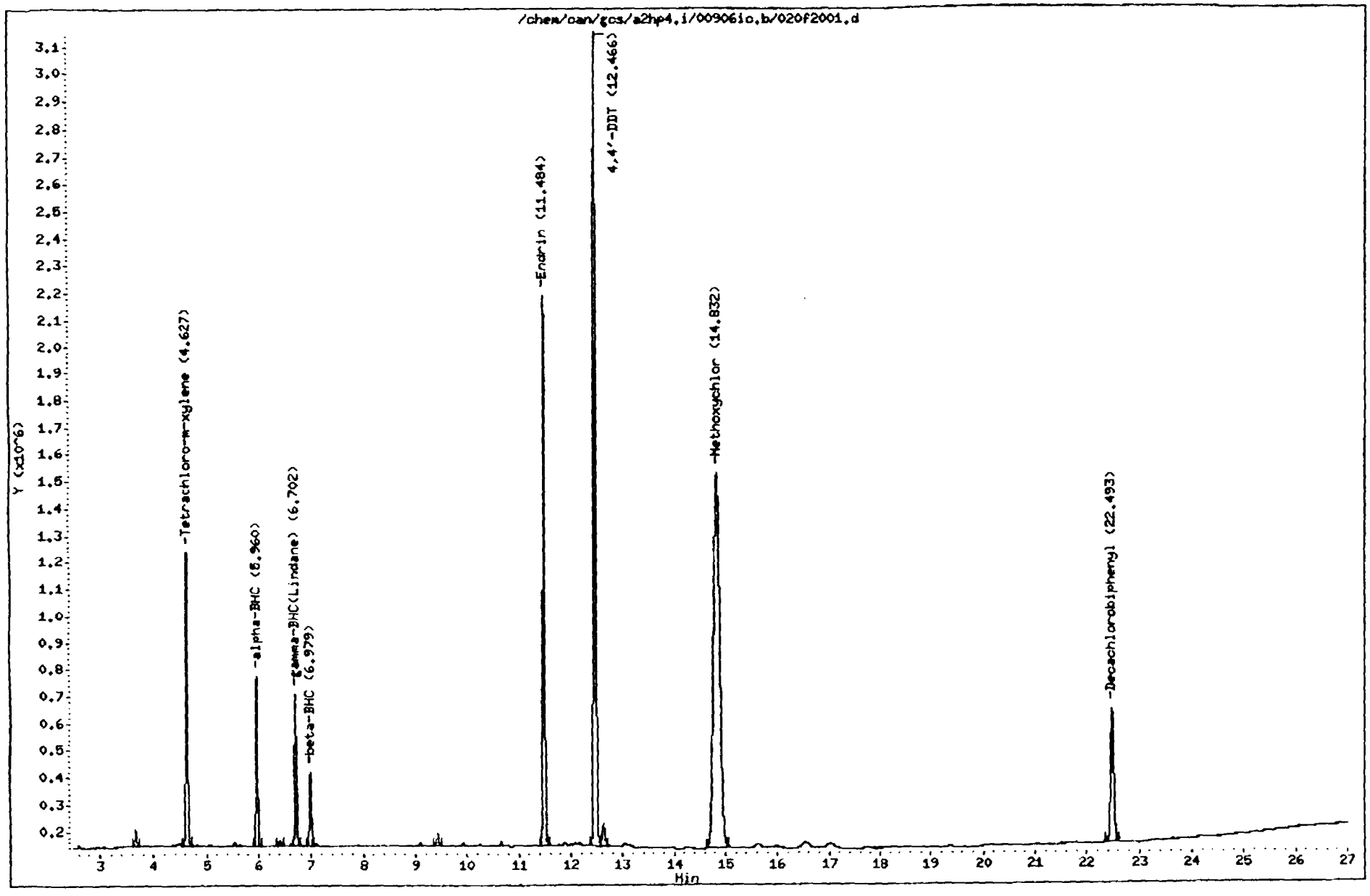
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2474467	0.02017	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1454864	0.00902	0.090	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1307016	0.00925	0.092	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	677828	0.01115	0.11	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	5286684	0.05405	0.54	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	9401844	0.09961	1.00	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	11449789	0.24330	2.4	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	2148329	0.02131	0.21	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/00906io.b/020f2001.d
Date : 07-SEP-2000 00:45
Client ID: PEH2
Sample Info: PEH2 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



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SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120.b/035f0901.d
Lab Smp Id: PEM6 C533 Client Smp ID: PEM6
Inj Date : 13-SEP-2000 16:45
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM6 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120.b/clp30a.m
Meth Date : 16-Oct-2000 21:24 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 35 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	2.00000	GPC Correction factor
Vt	5000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.12000	Weight of sample extracted (g)
M	14.03100	% Moisture

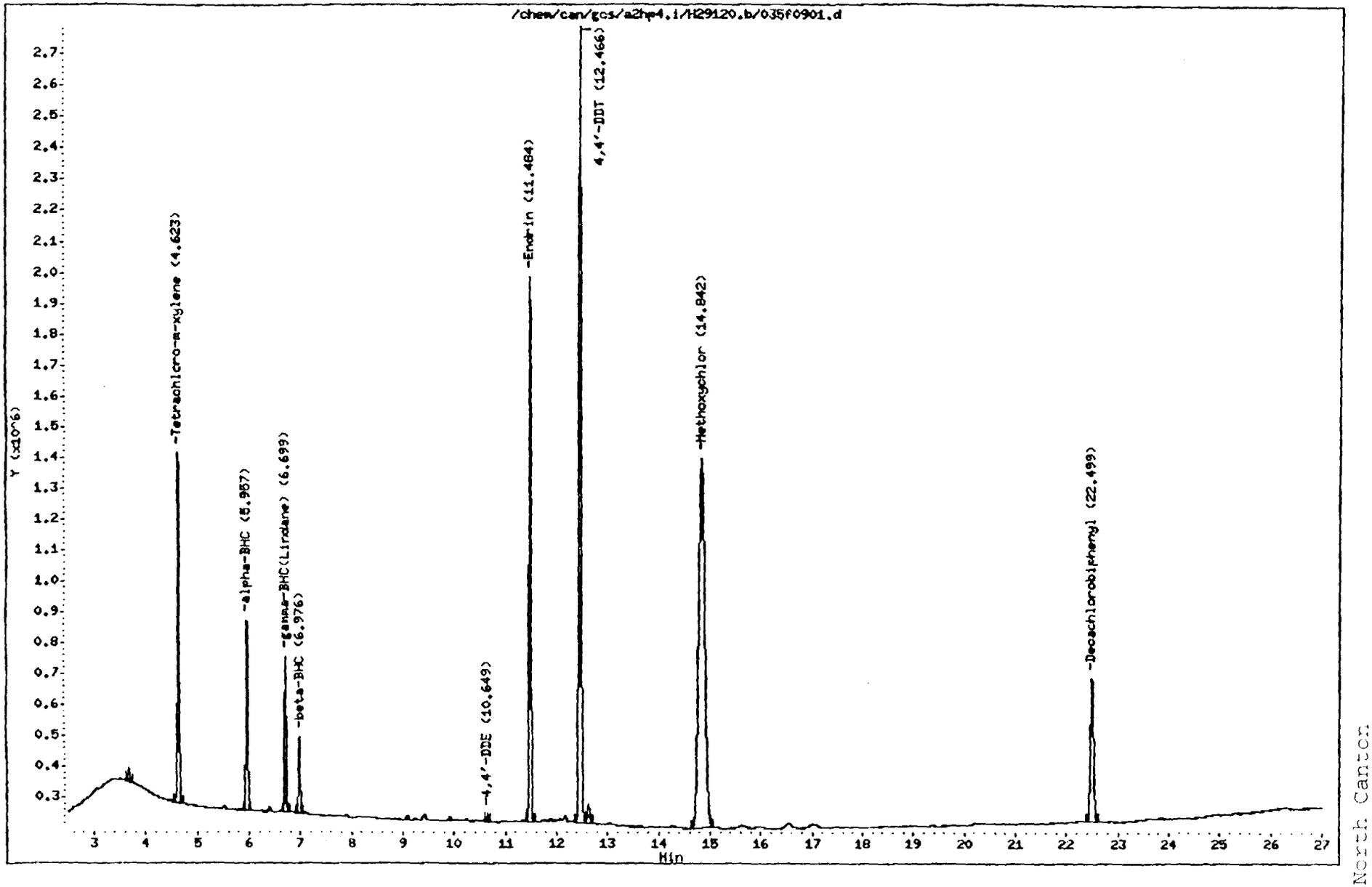
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2511077	0.02047	7.9	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1383498	0.00857	3.3	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1156827	0.00819	3.2	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	581876	0.00957	3.7	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
18 4,4'-DDE					CAS #: 72-55-9		
10.580	10.720	-0.140	66321	0.000524	0.20	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	4568894	0.04671	18	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	8042563	0.08521	33	80.00- 120.00	100.00
26 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	9781322	0.20785	80	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	1933277	0.01918	7.4	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/H29120.b/035f0901.d
Date : 13-SEP-2000 16:45
Client ID: PEM6
Sample Info: PEM6 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120A.b/003f0301.d
Lab Smp Id: PEM7 Client Smp ID: PEM7
Inj Date : 14-SEP-2000 12:23
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM7
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120A.b/clp30a.m
Meth Date : 16-Oct-2000 21:07 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 3 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

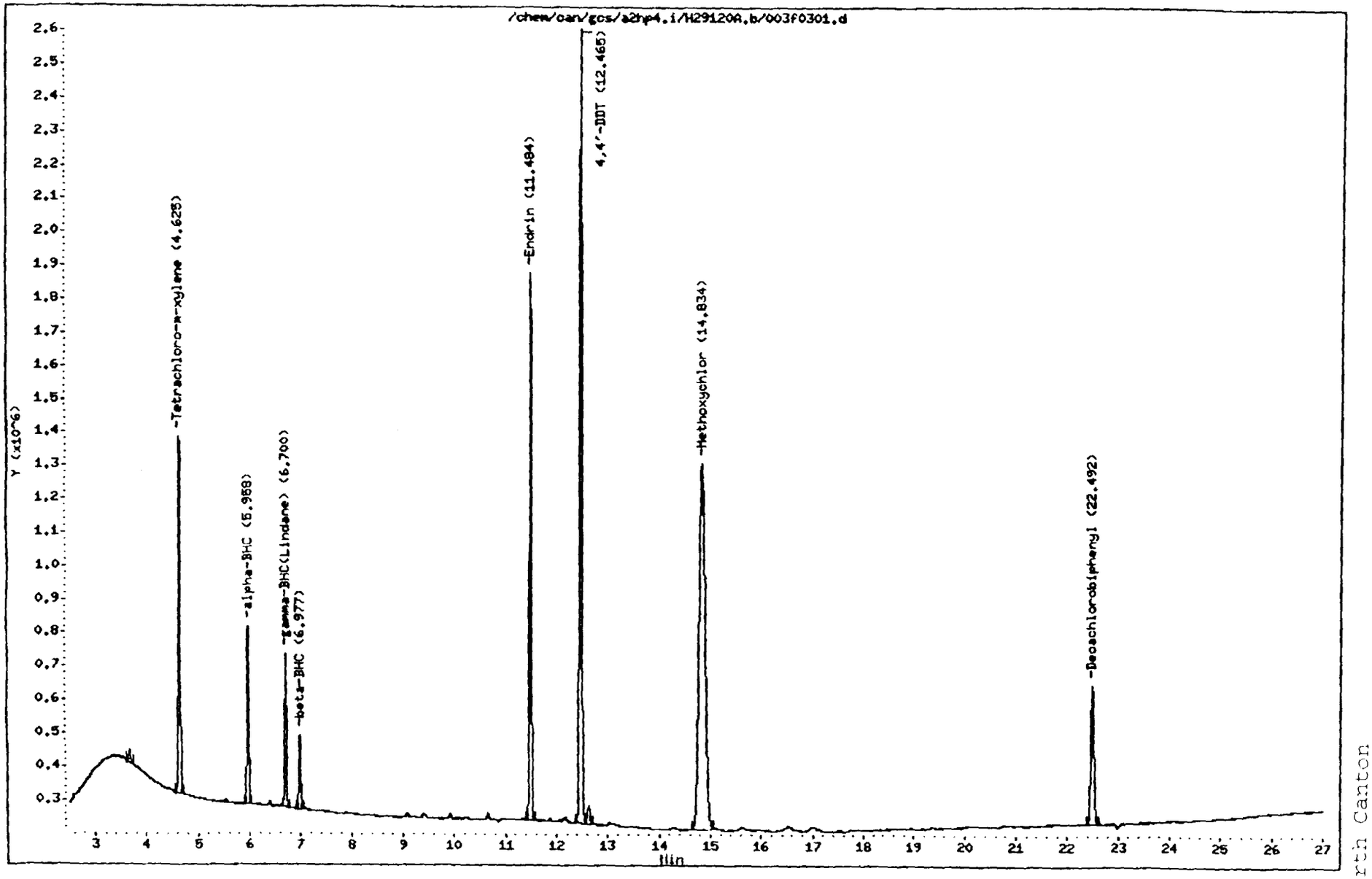
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2419263	0.01972	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1223742	0.00758	0.076	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1065657	0.00754	0.075	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	526573	0.00866	0.086	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	4203081	0.04297	0.43	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	7386642	0.07826	0.78	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	8975247	0.19072	1.9	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	1772287	0.01758	0.18	80.00- 120.00	100.00

Data File: /chem/car/gcs/a2hp4.i/H29120A.b/003f0301.d
Date : 14-SEP-2000 12:23
Client ID: PEM7
Sample Info: PEM7
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i

Operator: 1808
Column diameter: 0.53



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STL North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120A.b/030f2301.d
Lab Smp Id: PEM8 C533 Client Smp ID: PEM8
Inj Date : 15-SEP-2000 04:03
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM8 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120A.b/clp30a.m
Meth Date : 16-Oct-2000 21:07 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

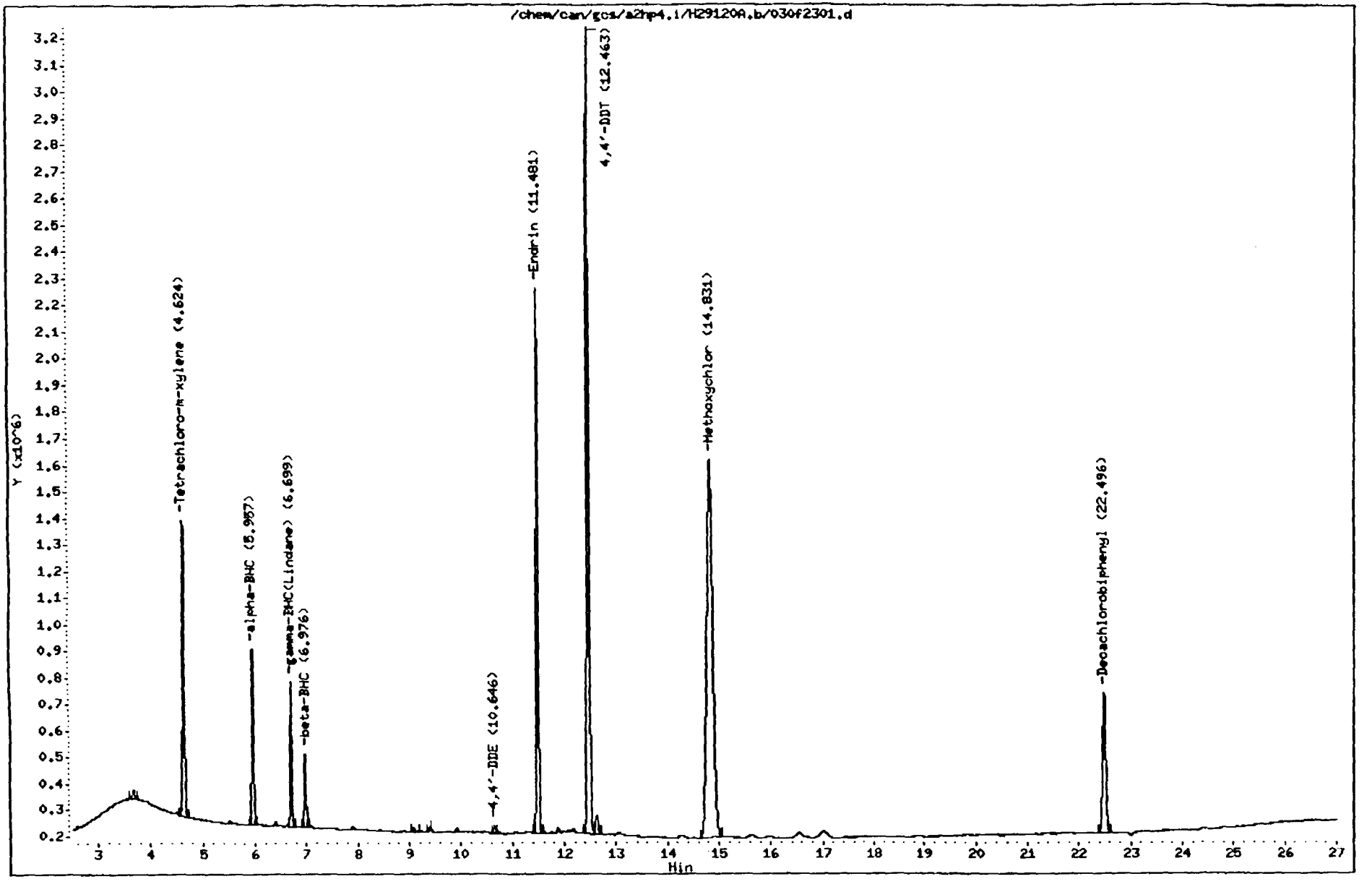
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (pg)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2605354	0.02124	0.21	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1534753	0.00951	0.095	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1276357	0.00904	0.090	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	663641	0.01091	0.11	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.580	10.720	-0.140	76158	0.000602	0.0060	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	5327287	0.05446	0.54	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	9434043	0.09995	1.00	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	11602817	0.24656	2.5	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	2215097	0.02197	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/H29120A.b/030f2301.d
Date : 15-SEP-2000 04:03
Client ID: PEM8
Sample Info: PEM8 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00918a.b/004f0401.d
Lab Smp Id: PEM9 C533 Client Smp ID: PEM9
Inj Date : 18-SEP-2000 20:59
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM9 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00918a.b/clp30a.m
Meth Date : 02-Nov-2000 00:26 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 4 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

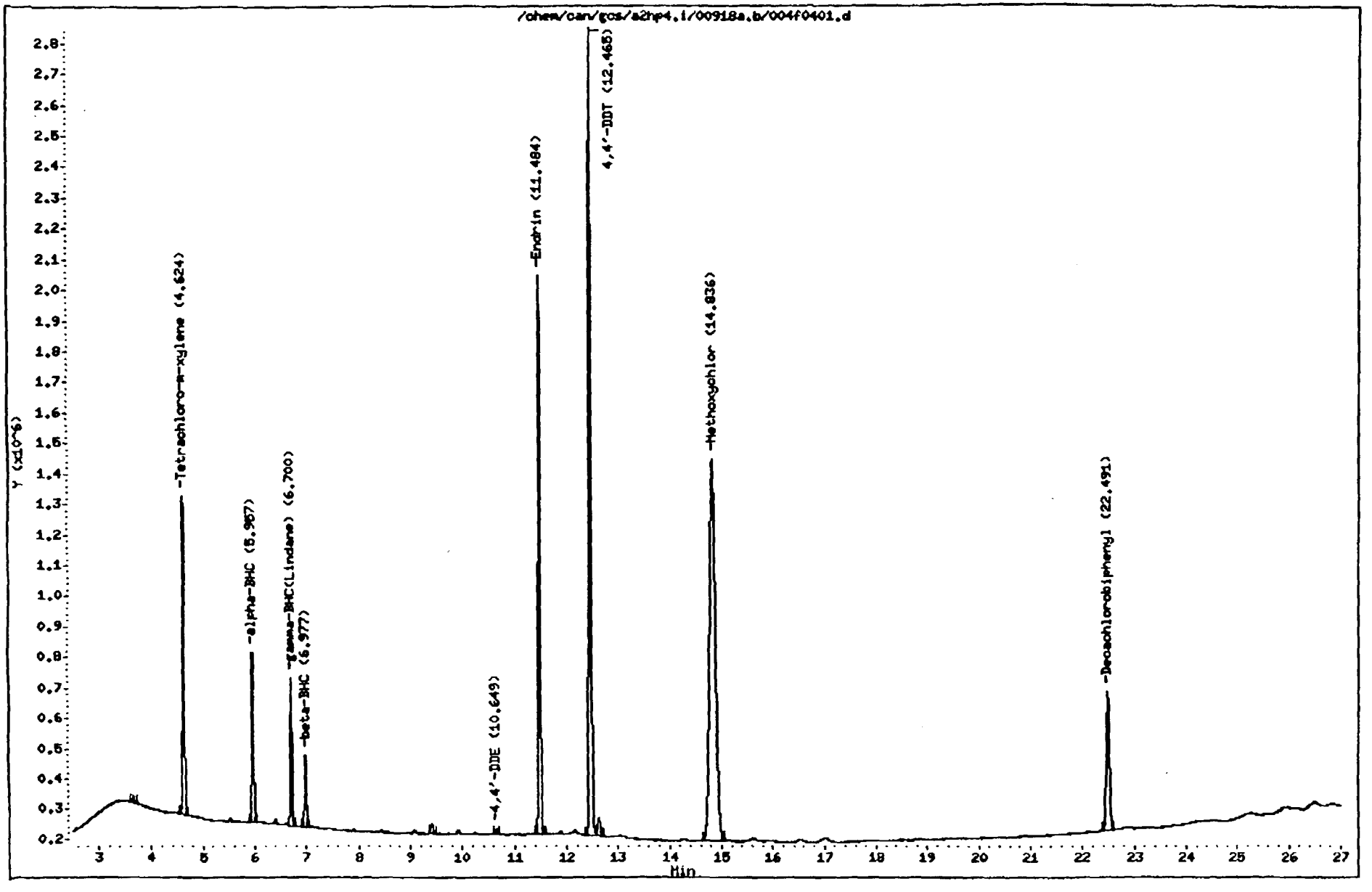
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.578	4.678	-0.100	2395501	0.01953	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.911	6.011	-0.100	1293221	0.00801	0.080	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.653	6.753	-0.100	1137614	0.00805	0.080	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.929	7.029	-0.100	567500	0.00933	0.093	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.580	10.720	-0.140	80337	0.000398	0.0040	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	4722067	0.04828	0.48	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
12.398	12.538	-0.140	8223417	0.08712	0.87	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	9998005	0.21245	2.1	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.392	22.592	-0.200	1933933	0.01918	0.19	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/00918a.b/004f0401.d
Date : 18-SEP-2000 20:59
Client ID: PEH9
Sample Info: PEH9 C633
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic-r.b/005f0501.d
Lab Smp Id: C533 Client Smp ID: PEM1
Inj Date : 06-SEP-2000 16:41
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM1 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic-r.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

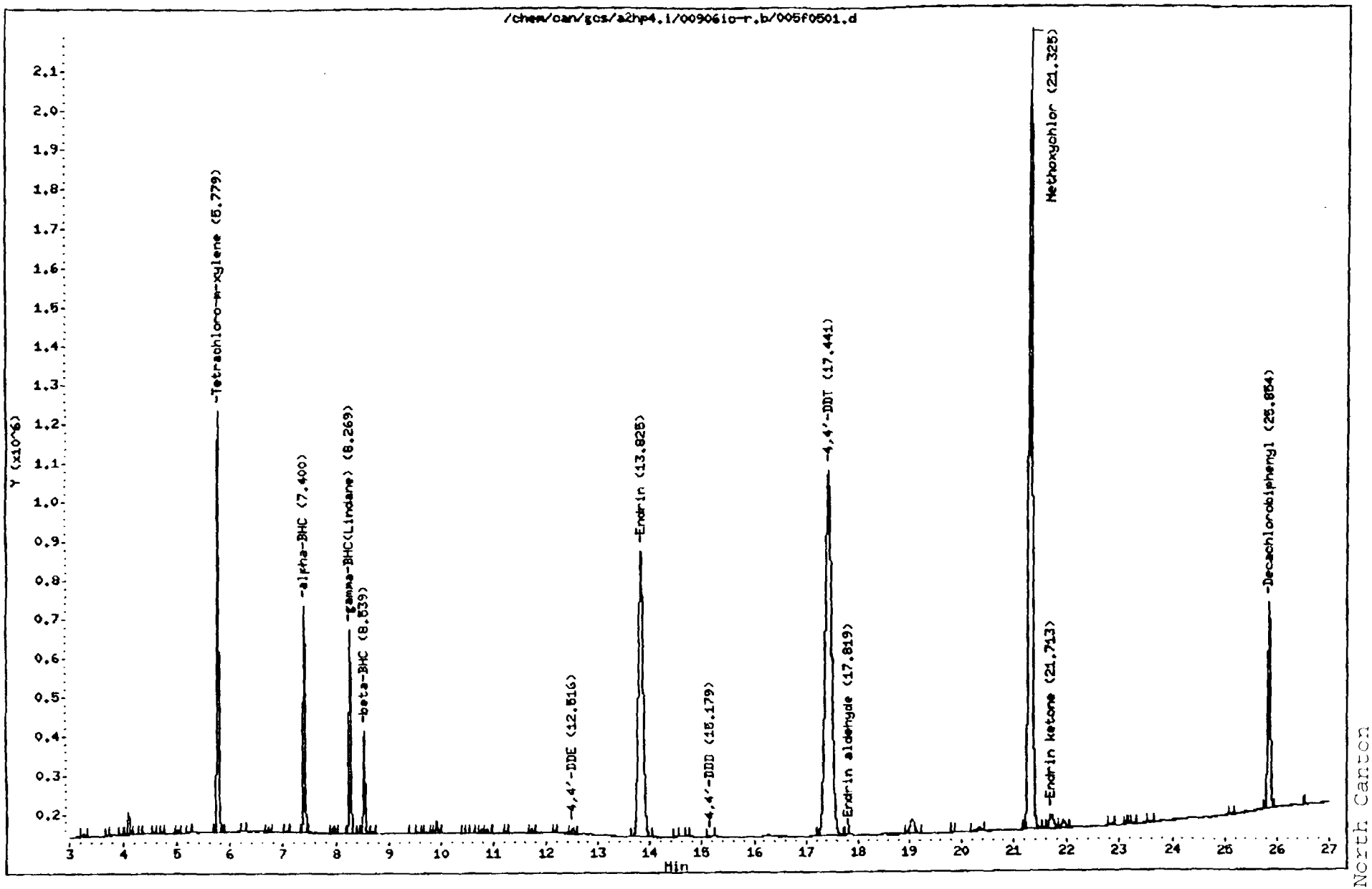
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2557814	0.01967	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1374325	0.00831	0.083	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1270174	0.00872	0.087	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	650732	0.01041	0.10	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	42063	0.000338	0.0034	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
13.758	13.898	-0.140	4705927	0.04958	0.50	80.00- 120.00	100.00
23 4,4'-DDD					CAS #: 72-54-8		
15.120	15.260	-0.140	8228	<0.0	0.00092	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
17.370	17.510	-0.140	7962039	0.08947	0.89	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
17.753	17.893	-0.140	2003	<0.0	0.00025	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	9281092	0.22074	2.2	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	187723	0.00182	0.018	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1795139	0.02011	0.20	80.00- 120.00	100.00

Date File: /chem/can/gcs/a2hp4.i/009061c-r.b/005f0501.d
Date : 06-SEP-2000 16:41
Client ID: PEH1
Sample Info: PEH1 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



STL North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00906ic-r.b/020f2001.d
Lab Smp Id: C533 Client Smp ID: PEM2
Inj Date : 07-SEP-2000 00:45
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM2 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00906ic-r.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dempstes Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

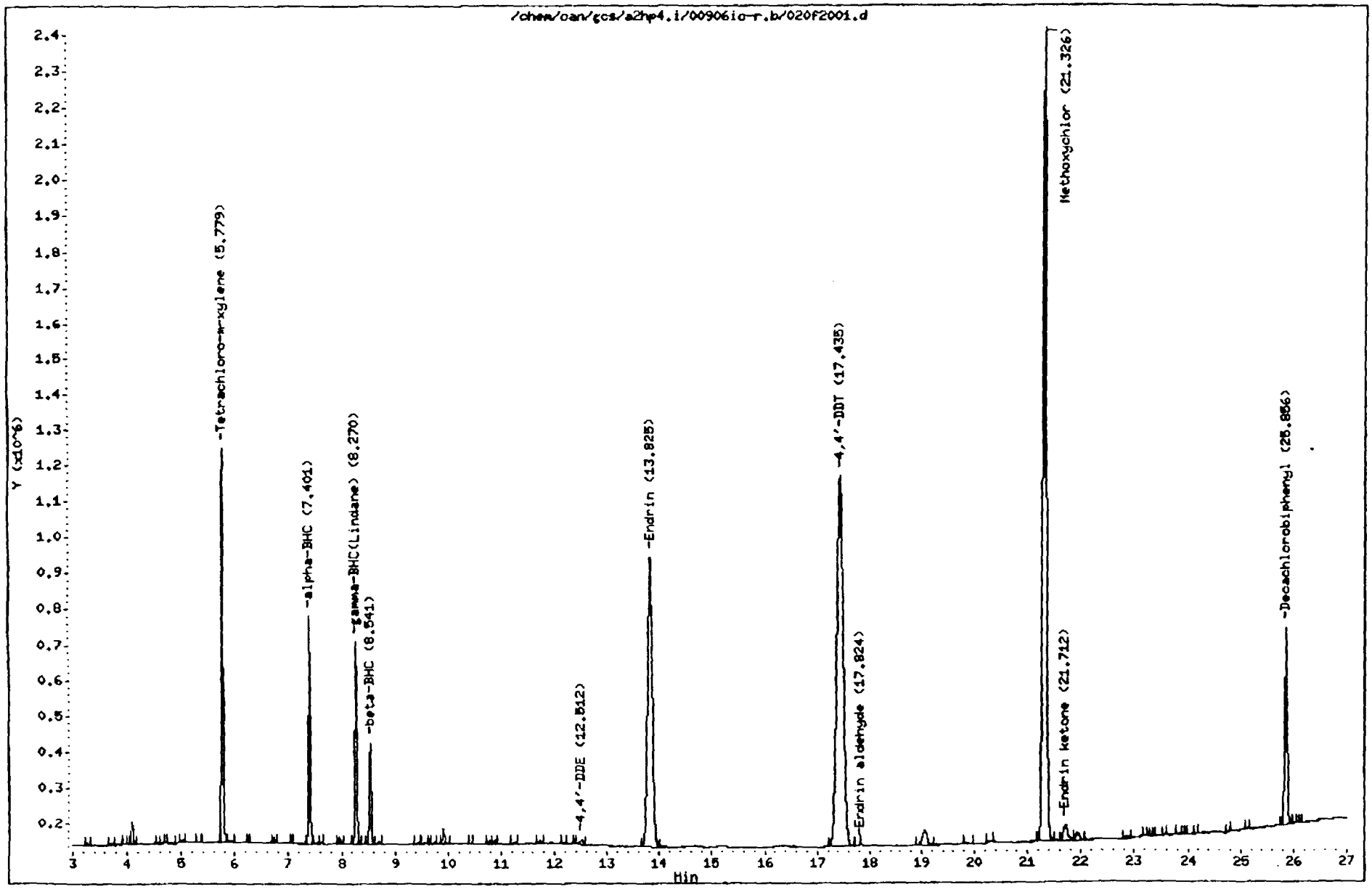
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2606196	0.02004	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1496710	0.00905	0.090	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1368583	0.00940	0.094	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	702149	0.01123	0.11	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	61077	0.000491	0.0049	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
13.758	13.898	-0.140	5135984	0.05411	0.54	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
17.370	17.510	-0.140	8820537	0.09912	0.99	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
17.753	17.893	-0.140	2659	<0.0	0.00033	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	10271472	0.24430	2.4	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	235770	0.00229	0.023	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1909466	0.02139	0.21	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/00906ic-r.b/020f2001.d
Date : 07-SEP-2000 00:45
Client ID: PEM2
Sample Info: PEM2 C633
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



STL North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120-r.b/035f0901.d
Lab Smp Id: C533 Client Smp ID: PEM6
Inj Date : 13-SEP-2000 16:45
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM6 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120-r.b/clp30b.m
Meth Date : 16-Oct-2000 21:28 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 35 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	2.00000	GPC Correction factor
Vt	5000.00000	Volume of final extract (uL)(1000 low, 2
Vi	1.00000	Volume injected (uL)
Ws	30.12000	Weigth of sample extracted (g)
M	14.03100	% Moisture

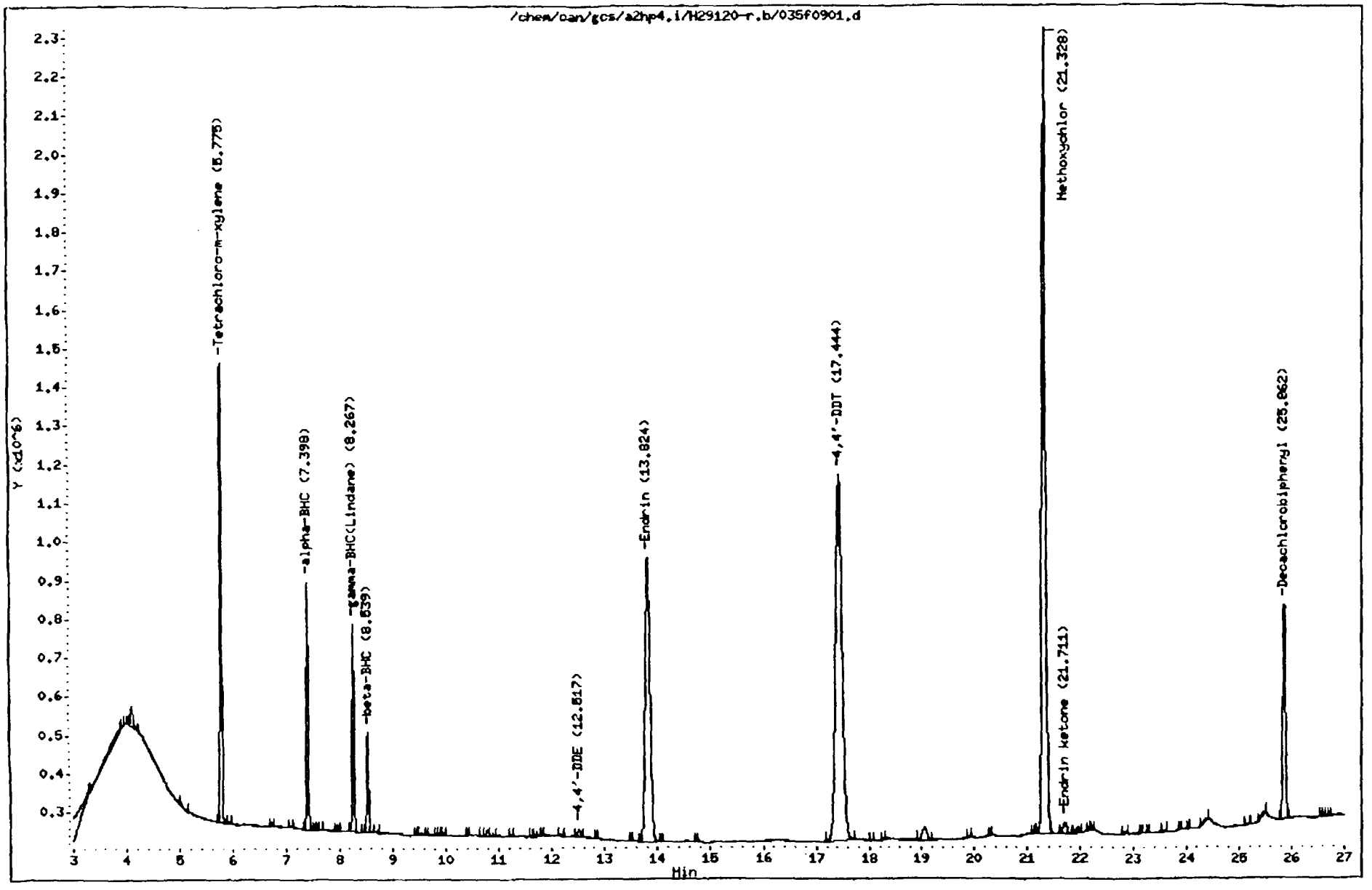
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2757249	0.02120	8.2	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1495119	0.00904	3.5	80.00- 120.00	100.00
5 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1284685	0.00882	3.4	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	632946	0.01012	3.9	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	72878	0.000586	0.23	80.00- 120.00	100.00
20 Endrin					CAS #: 72-20-8		
13.758	13.898	-0.140	4700887	0.04952	19	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
17.370	17.510	-0.140	8057676	0.09055	35	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	9427756	0.22423	86	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	150966	0.00147	0.57	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1868250	0.02093	8.1	80.00- 120.00	100.00

Data File: /chem/oan/gcs/a2hp4.i/H29120-r.b/035f0901.d
Date : 13-SEP-2000 16:45
Client ID: PEM6
Sample Info: PEM6 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120A-r.b/003f0301.d
Lab Smp Id: PEM7 Client Smp ID: PEM7
Inj Date : 14-SEP-2000 12:23
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM7
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120A-r.b/clp30b.m
Meth Date : 16-Oct-2000 21:13 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 3 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

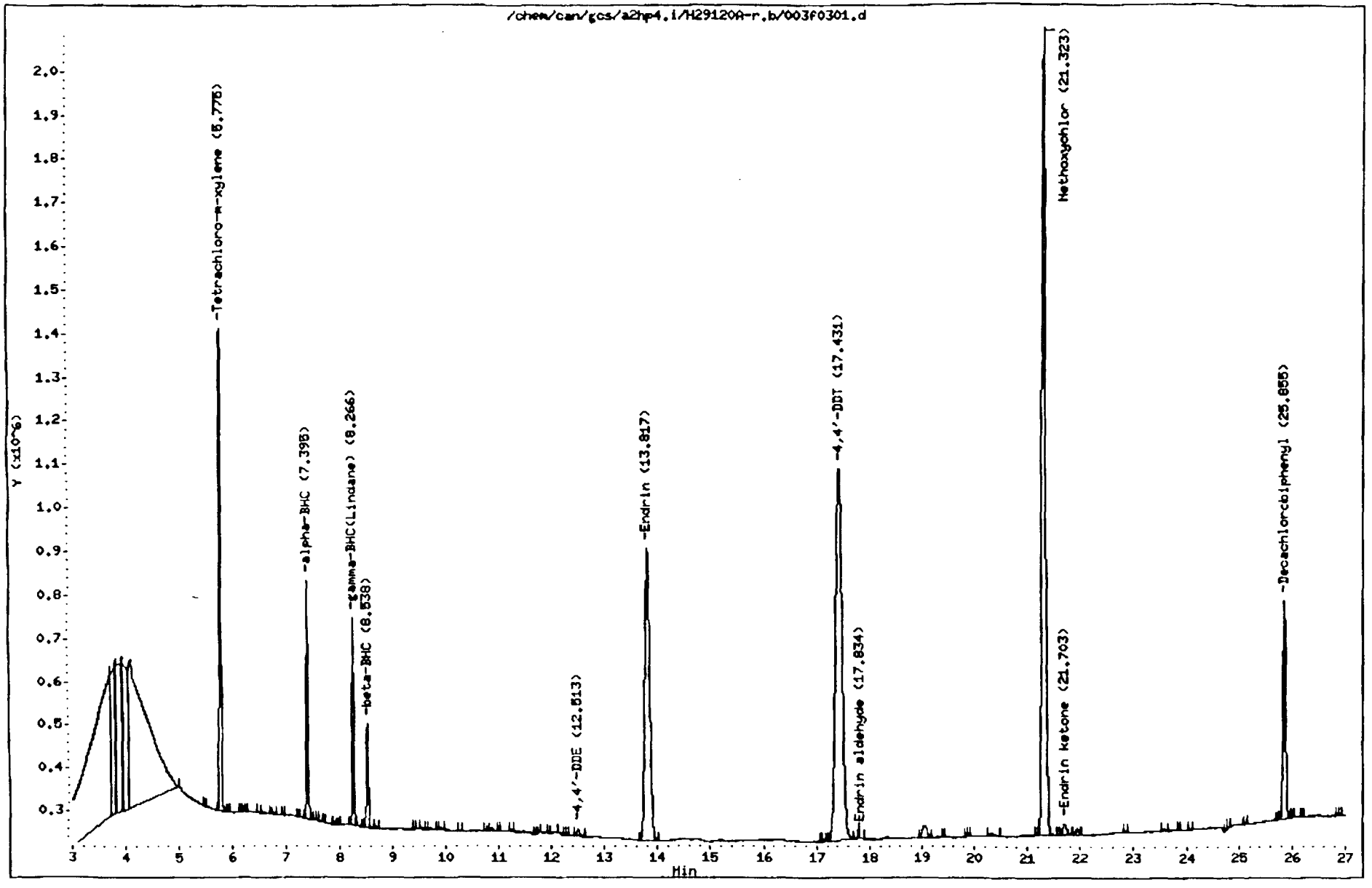
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2633910	0.02025	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1309429	0.00792	0.079	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1146802	0.00787	0.079	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	585938	0.00937	0.094	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	54744	0.000441	0.0044	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
13.758	13.898	-0.140	4269647	0.04498	0.45	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
17.370	17.510	-0.140	7301195	0.08205	0.82	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
17.753	17.893	-0.140	6416	<0.0	0.00080	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	8467761	0.20140	2.0	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	138745	0.00135	0.013	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1709962	0.01916	0.19	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/H29120A-r.b/003f0301.d
Date : 14-SEP-2000 12:23
Client ID: PEM7
Sample Info: PEM7
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/H29120A-r.b/030f2301.d
Lab Smp Id: PEM8 C533 Client Smp ID: PEM8
Inj Date : 15-SEP-2000 04:03
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM8 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/H29120A-r.b/clp30b.m
Meth Date : 16-Oct-2000 21:13 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

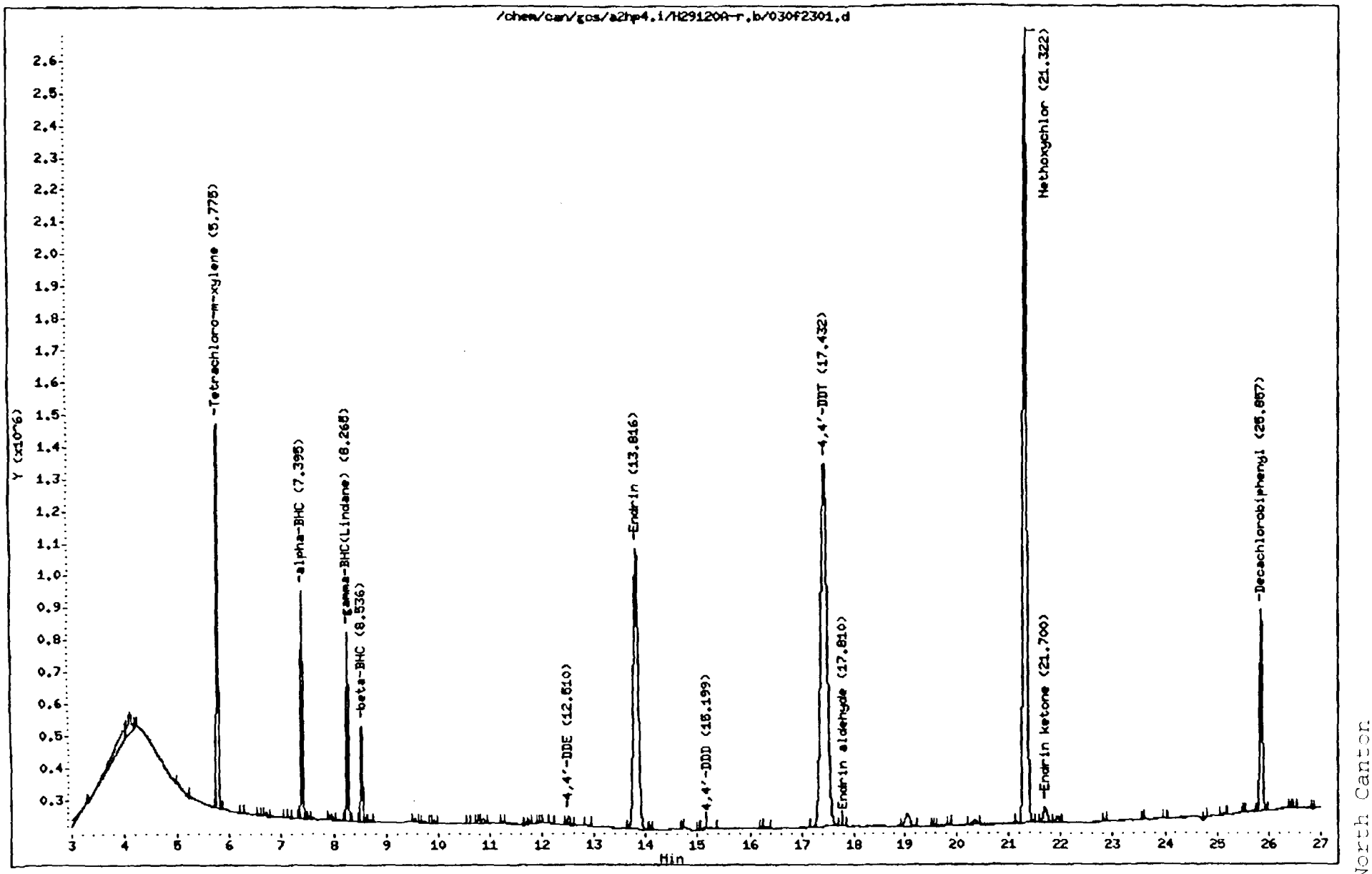
Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2851375	0.02192	0.22	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1650102	0.00998	0.100	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1396787	0.00959	0.096	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	722111	0.01155	0.12	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	80982	0.000652	0.0065	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/H29120A-r.b/030f2301.d
Date : 15-SEP-2000 04:03
Client ID: PEM8
Sample Info: PEM8 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp4.i/00918a-r.b/004f0401.d
Lab Smp Id: PEM9 C533 Client Smp ID: PEM9
Inj Date : 18-SEP-2000 20:59
Operator : 1808 Inst ID: a2hp4.i
Smp Info : PEM9 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp4.i/00918a-r.b/clp30b.m
Meth Date : 02-Nov-2000 00:29 kusterr Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 018f1801.d
Als bottle: 4 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.830	-0.100	2578457	0.01983	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
7.351	7.451	-0.100	1368032	0.00827	0.083	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.220	8.320	-0.100	1223784	0.00840	0.084	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
8.491	8.591	-0.100	608576	0.00973	0.097	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
12.446	12.586	-0.140	55563	0.000447	0.0045	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
13.758	13.898	-0.140	4693093	0.04944	0.49	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
17.370	17.510	-0.140	7937333	0.08920	0.89	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
17.753	17.893	-0.140	1957	<0.0	0.00024	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
21.258	21.398	-0.140	9265199	0.22036	2.2	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
21.631	21.771	-0.140	132867	0.00129	0.013	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
25.759	25.959	-0.200	1775100	0.01988	0.20	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp4.i/00918a-r.b/004f0401.d

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Date : 18-SEP-2000 20:59

Client ID: PEM9

Instrument: a2hp4.i

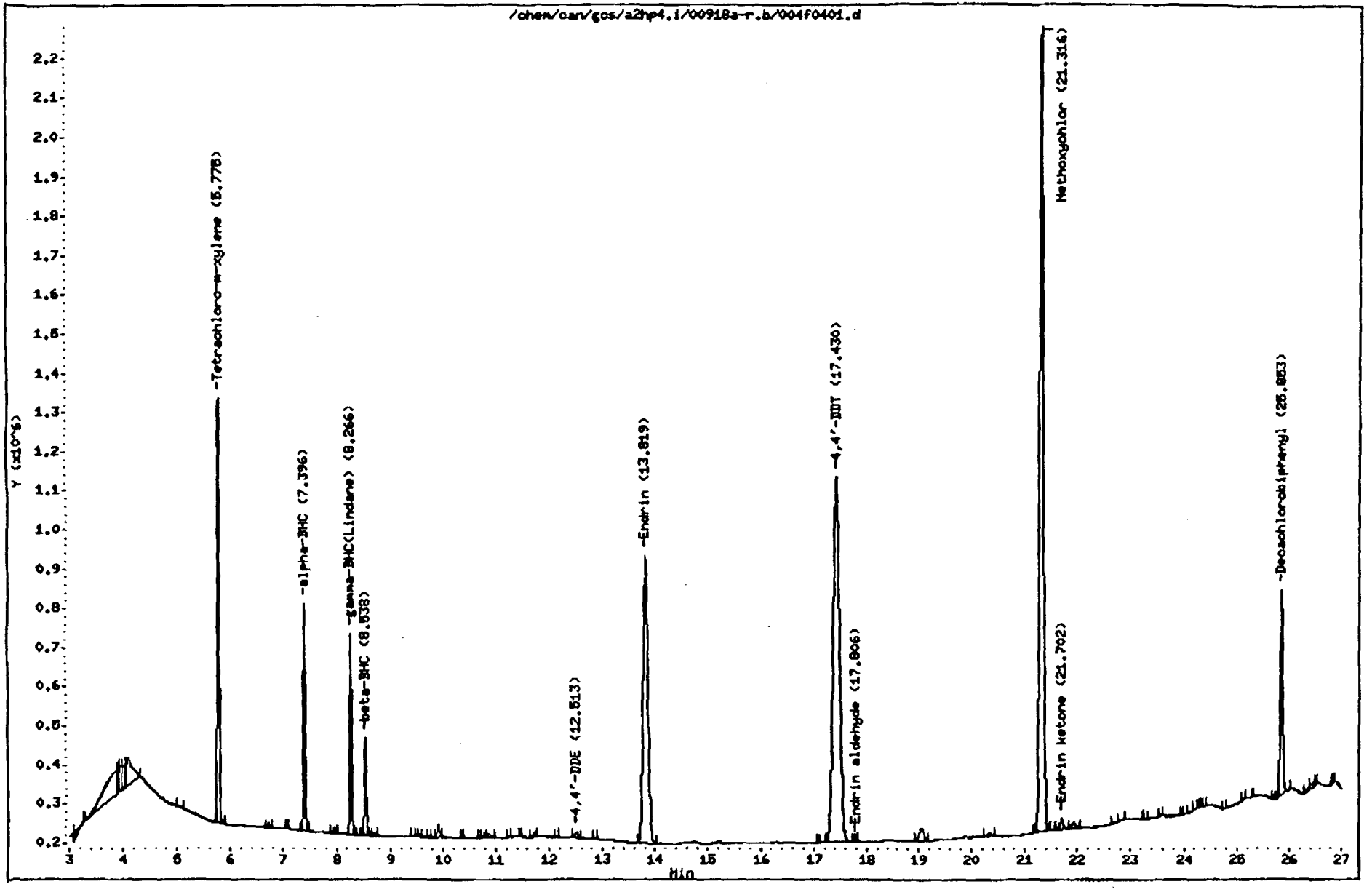
Sample Info: PEM9 CB33

Volume Injected (uL): 1.0

Operator: 1808

Column phase: Rtx-CLP2 PESTICIDES

Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/005f0501.d
Lab Smp Id: C533 Client Smp ID: PEM1
Inj Date : 12-OCT-2000 17:02
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 24-Oct-2000 01:42 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

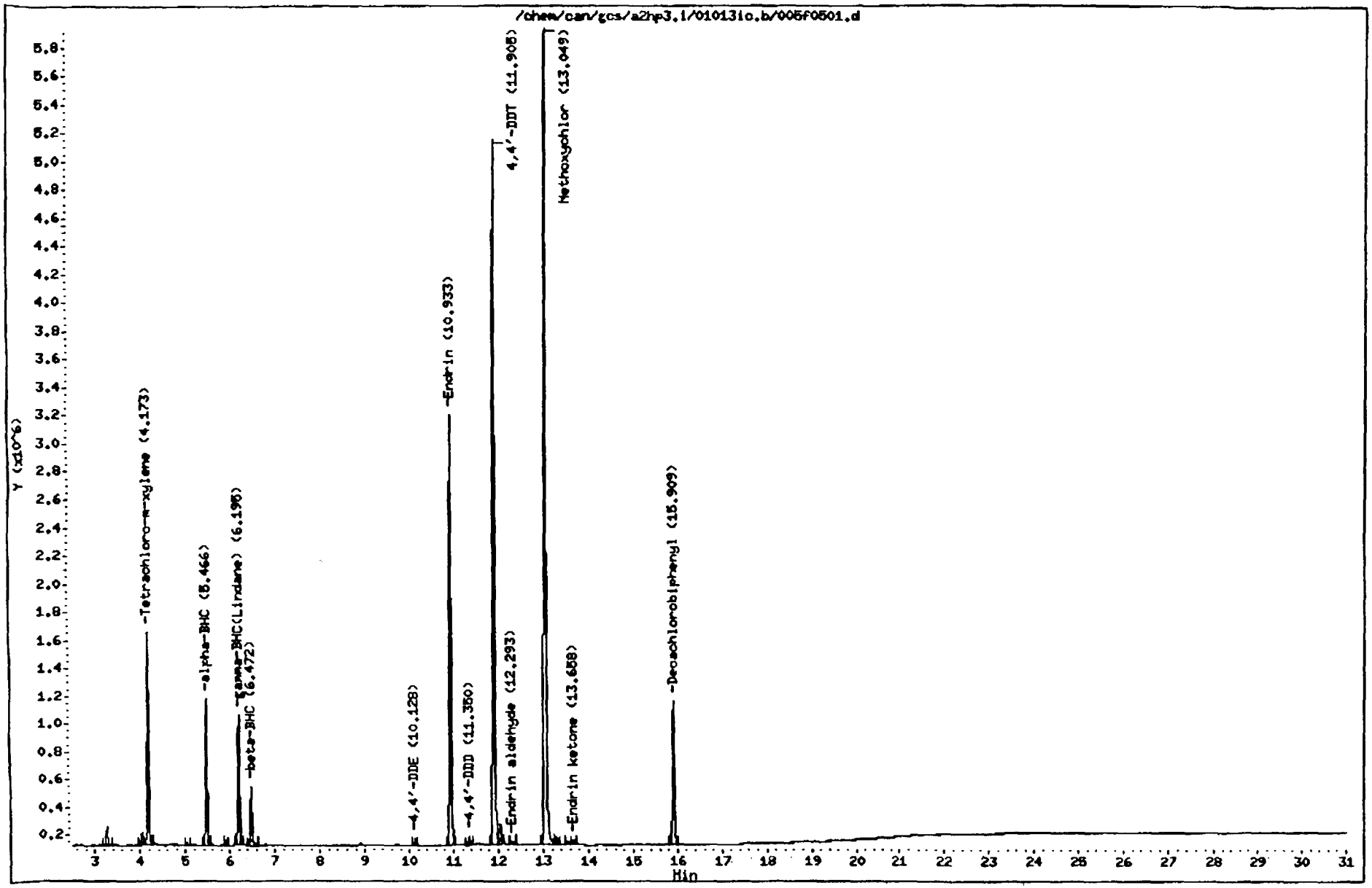
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	3677149	0.01958	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.418	5.518	-0.100	2583483	0.00916	0.092	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.145	6.245	-0.100	2362737	0.00939	0.094	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.422	6.522	-0.100	1183487	0.01141	0.11	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.058	10.198	-0.140	134033	0.000682	0.0068	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.863	11.003	-0.140	8727495	0.05335	0.53	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.279	11.419	-0.140	174763	0.00114	0.011	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.834	11.974	-0.140	14753570	0.09640	0.96	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.223	12.363	-0.140	92667	0.000644	0.0064	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.981	13.121	-0.140	17824942	0.23808	2.4	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.590	13.730	-0.140	98909	0.000523	0.0052	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3179484	0.02022	0.20	80.00- 120.00	100.00

Data File: /chem/cam/gcs/a2hp3.i/01013io.b/005f0501.d
Date : 12-OCT-2000 17:02
Client ID: PEM1
Sample Info: PEM1
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/020f2001.d
Lab Smp Id: C533 Client Smp ID: PEM2
Inj Date : 13-OCT-2000 02:21
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM2
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 24-Oct-2000 01:42 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	3794785	0.02020	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.418	5.518	-0.100	2637536	0.00935	0.094	80.00- 120.00	100.00(R)
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.145	6.245	-0.100	2415607	0.00960	0.096	80.00- 120.00	100.00(R)
12 beta-BHC					CAS #: 319-85-7		
6.422	6.522	-0.100	1199672	0.01156	0.12	80.00- 120.00	100.00(R)
18 4,4'-DDE					CAS #: 72-55-9		
10.058	10.198	-0.140	155779	0.000793	0.0079	80.00- 120.00	100.00

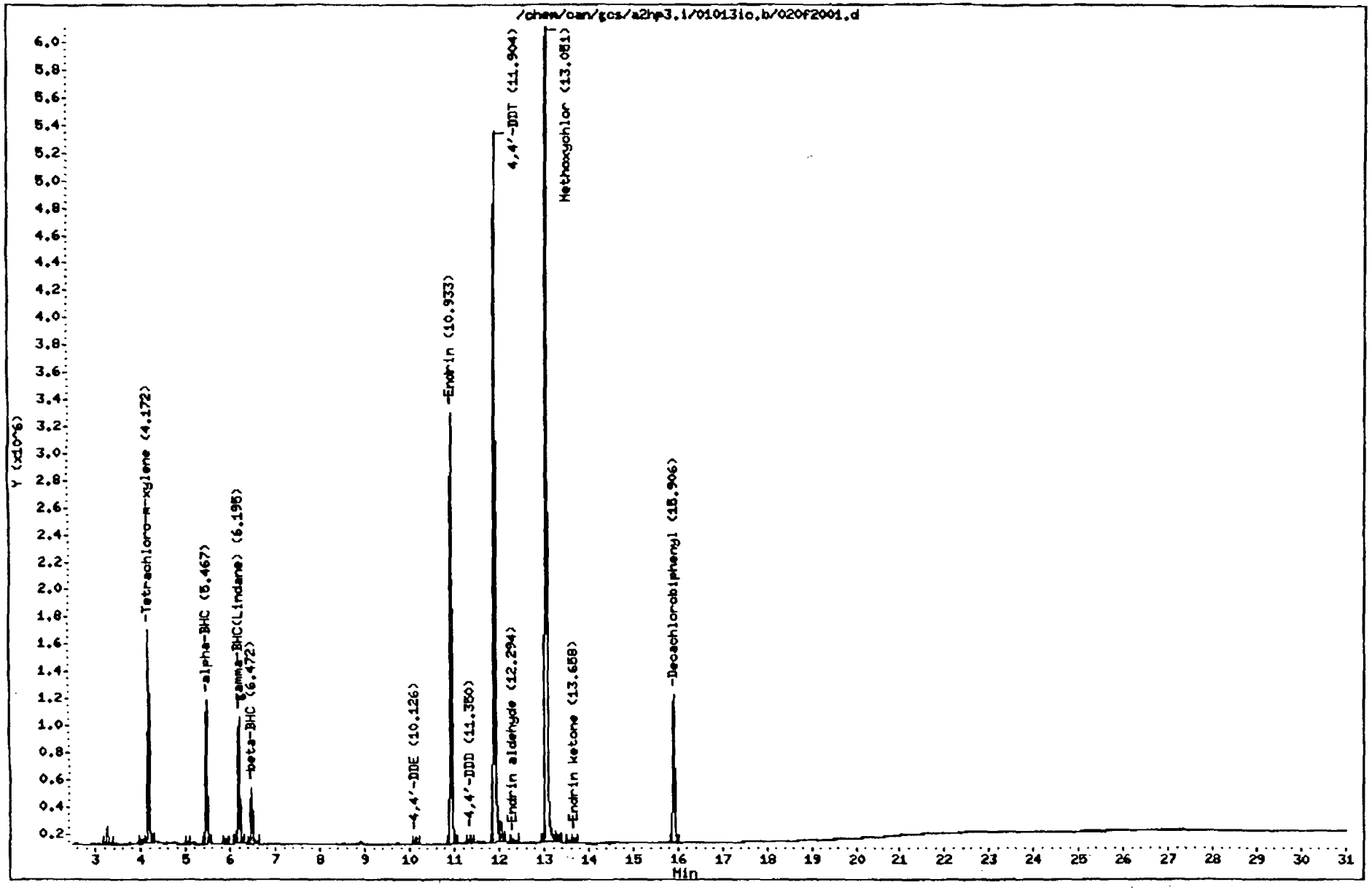
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.863	11.003	-0.140	9009666	0.05507	0.55	80.00- 120.00	100.00(R)
24 4,4'-DDD					CAS #: 72-54-8		
11.279	11.419	-0.140	199611	0.00130	0.013	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.834	11.974	-0.140	15586964	0.10184	1.0	80.00- 120.00	100.00(R)
26 Endrin aldehyde					CAS #: 7421-93-4		
12.223	12.363	-0.140	118229	0.000821	0.0082	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.981	13.121	-0.140	18789466	0.25096	2.5	80.00- 120.00	100.00(R)
29 Endrin ketone					CAS #: 53494-70-5		
13.590	13.730	-0.140	125883	0.000666	0.0067	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3383716	0.02152	0.22	80.00- 120.00	100.00

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/010131o.b/020f2001.d
Date : 13-OCT-2000 02:21
Client ID: PEN2
Sample Info: PEN2
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



STL North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/053f5301.d
Lab Smp Id: C533 Client Smp ID: PEM3
Inj Date : 13-OCT-2000 22:50
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM3
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 01-Nov-2000 21:43 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 53 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

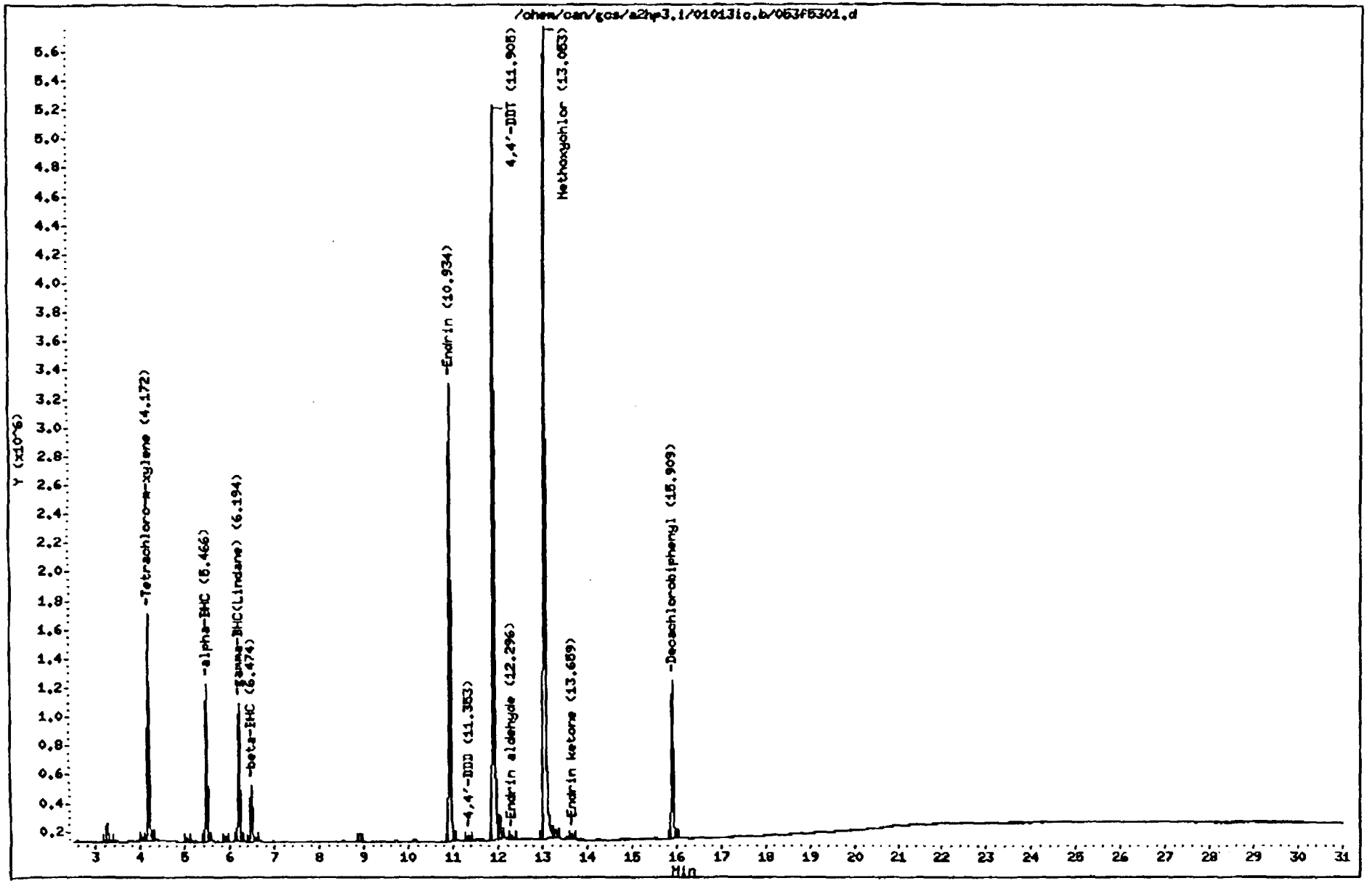
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	3839282	0.02044	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.418	5.518	-0.100	2709427	0.00961	0.096	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.145	6.245	-0.100	2466843	0.00981	0.098	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.422	6.522	-0.100	1200707	0.01157	0.12	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
10.863	11.003	-0.140	9098282	0.05561	0.56	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
24 4,4'-DDD					CAS #: 72-54-8		
11.279	11.419	-0.140	128220	0.000638	0.0064	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.834	11.974	-0.140	15619176	0.10205	1.0	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.223	12.363	-0.140	96772	0.000672	0.0067	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.981	13.121	-0.140	18653099	0.24914	2.5	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.590	13.730	-0.140	119947	0.000635	0.0063	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3416143	0.02172	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010131c.b/053f5301.d
Date : 13-OCT-2000 22:50
Client ID: PEH3
Sample Info: PEH
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic.b/087f8701.d
Lab Smp Id: PEM4 C533 Client Smp ID: PEM4
Inj Date : 14-OCT-2000 20:00
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM4 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic.b/clp30a.m
Meth Date : 01-Nov-2000 21:43 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 87 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

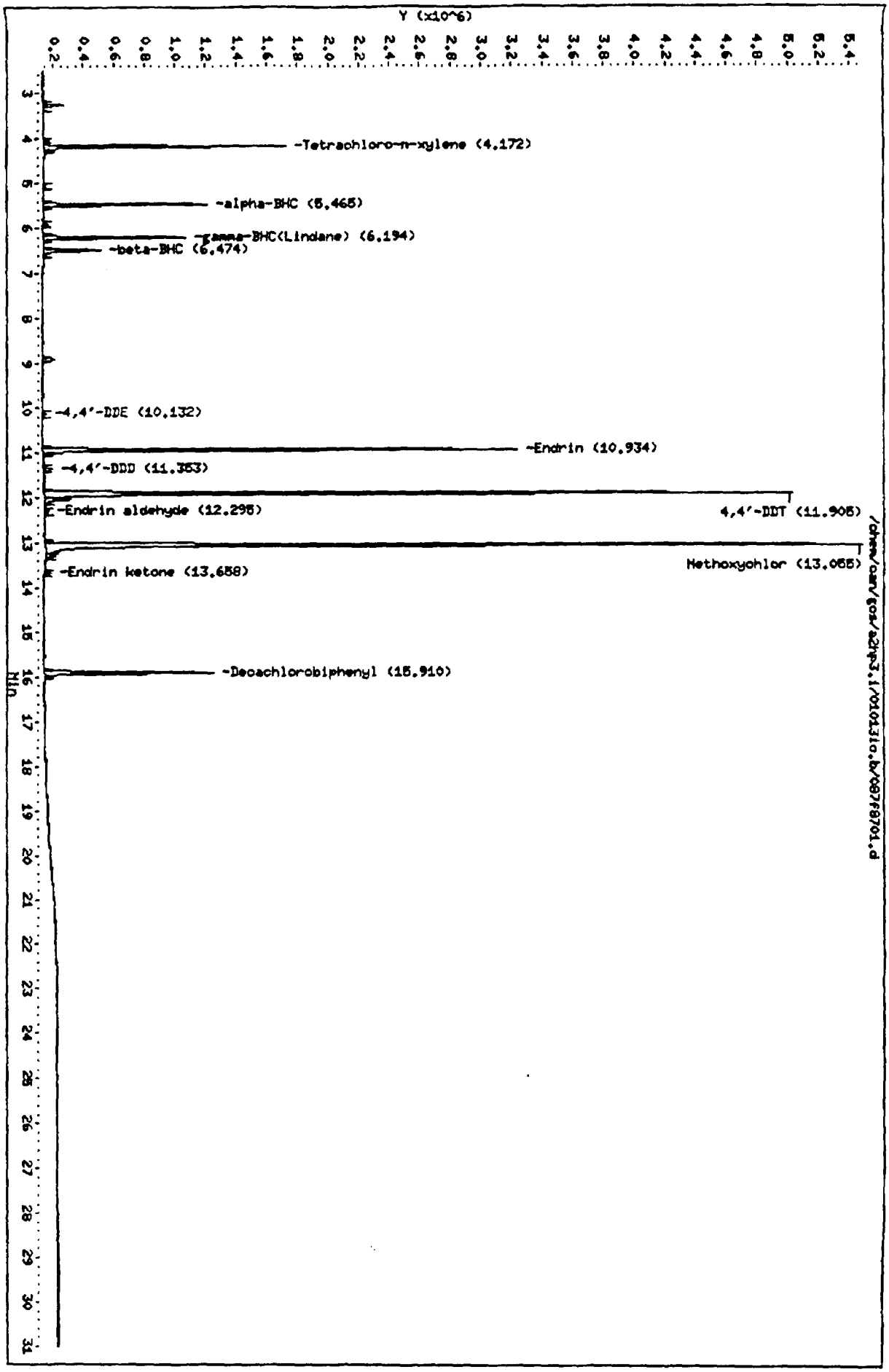
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.122	4.222	-0.100	3851375	0.02050	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.418	5.518	-0.100	2707314	0.00960	0.096	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.145	6.245	-0.100	2444004	0.00971	0.097	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.422	6.522	-0.100	1193345	0.01150	0.12	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.058	10.198	-0.140	72260	0.000368	0.0037	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.863	11.003	-0.140	9030843	0.05520	0.55	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.279	11.419	-0.140	211271	0.00138	0.014	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.834	11.974	-0.140	15354333	0.10032	1.0	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.223	12.363	-0.140	107293	0.000745	0.0074	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.981	13.121	-0.140	18009672	0.24055	2.4	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.590	13.730	-0.140	138169	0.000731	0.0073	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3501335	0.02227	0.22	80.00- 120.00	100.00

Data File: /chem/carr/gcs/a2hp3.i/010131c.b/087f8701.d
Date : 14-OCT-2000 20:00
Client ID: PEM4
Sample Info: PEM4 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



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SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/005f0501.d
Lab Smp Id: C533 Client Smp ID: PEM1
Inj Date : 12-OCT-2000 17:02
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 16-Oct-2000 08:20 dempstes Quant Type: ESTD
Cal Date : 12-OCT-2000 22:37 Cal File: 014f1401.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

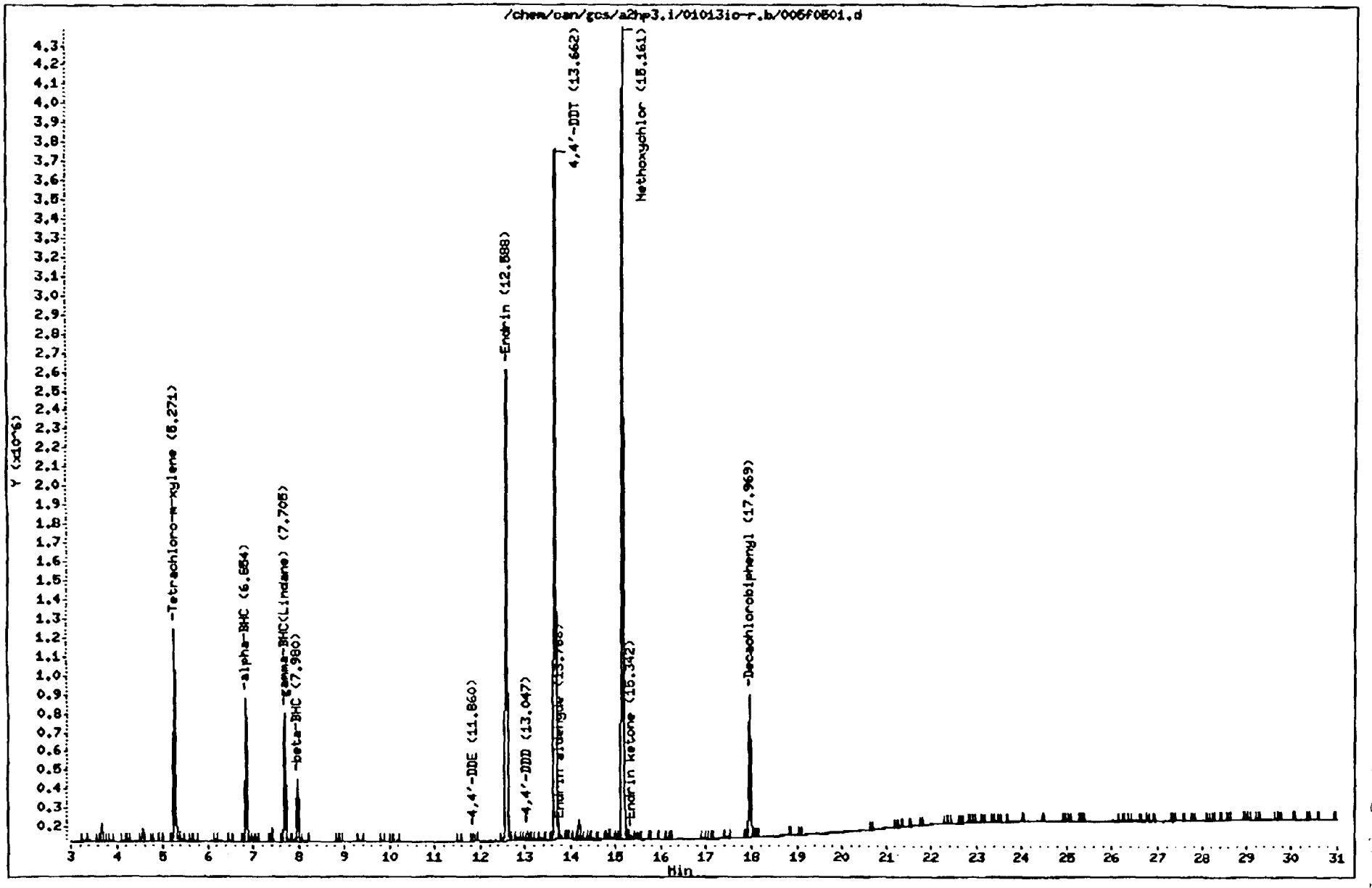
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.319	-0.100	2899869	0.02040	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.802	6.902	-0.100	1914754	0.00924	0.092	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
7.653	7.753	-0.100	1798705	0.00953	0.095	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
7.929	8.029	-0.100	904571	0.01111	0.11	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
11.791	11.931	-0.140	110636	0.000714	0.0071	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
12.518	12.658	-0.140	7104417	0.05367	0.54	80.00- 120.00	100.00
23 4,4'-DDD					CAS #: 72-54-8		
12.977	13.117	-0.140	140234	0.00117	0.012	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
13.591	13.731	-0.140	10545335	0.09402	0.94	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
13.702	13.842	-0.140	63522	0.000558	0.0056	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
15.089	15.229	-0.140	12579687	0.23284	2.3	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
15.271	15.411	-0.140	87006	0.000596	0.0060	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	2287921	0.02077	0.21	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/01013ic-r.b/005f0501.d
Date : 12-OCT-2000 17:02
Client ID: PEM1
Sample Info: PEM1
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/020f2001.d
Lab Smp Id: C533 Client Smp ID: PEM2
Inj Date : 13-OCT-2000 02:21
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM2
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 16-Oct-2000 08:20 dempstes Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.319	-0.100	2860803	0.02012	0.20	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.802	6.902	-0.100	1906608	0.00920	0.092	80.00- 120.00	100.00(M)
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
7.653	7.753	-0.100	1789732	0.00948	0.095	80.00- 120.00	100.00(M)
7 beta-BHC					CAS #: 319-85-7		
7.929	8.029	-0.100	901204	0.01107	0.11	80.00- 120.00	100.00(M)
19 4,4'-DDE					CAS #: 72-55-9		
11.791	11.931	-0.140	126346	0.000815	0.0082	80.00- 120.00	100.00

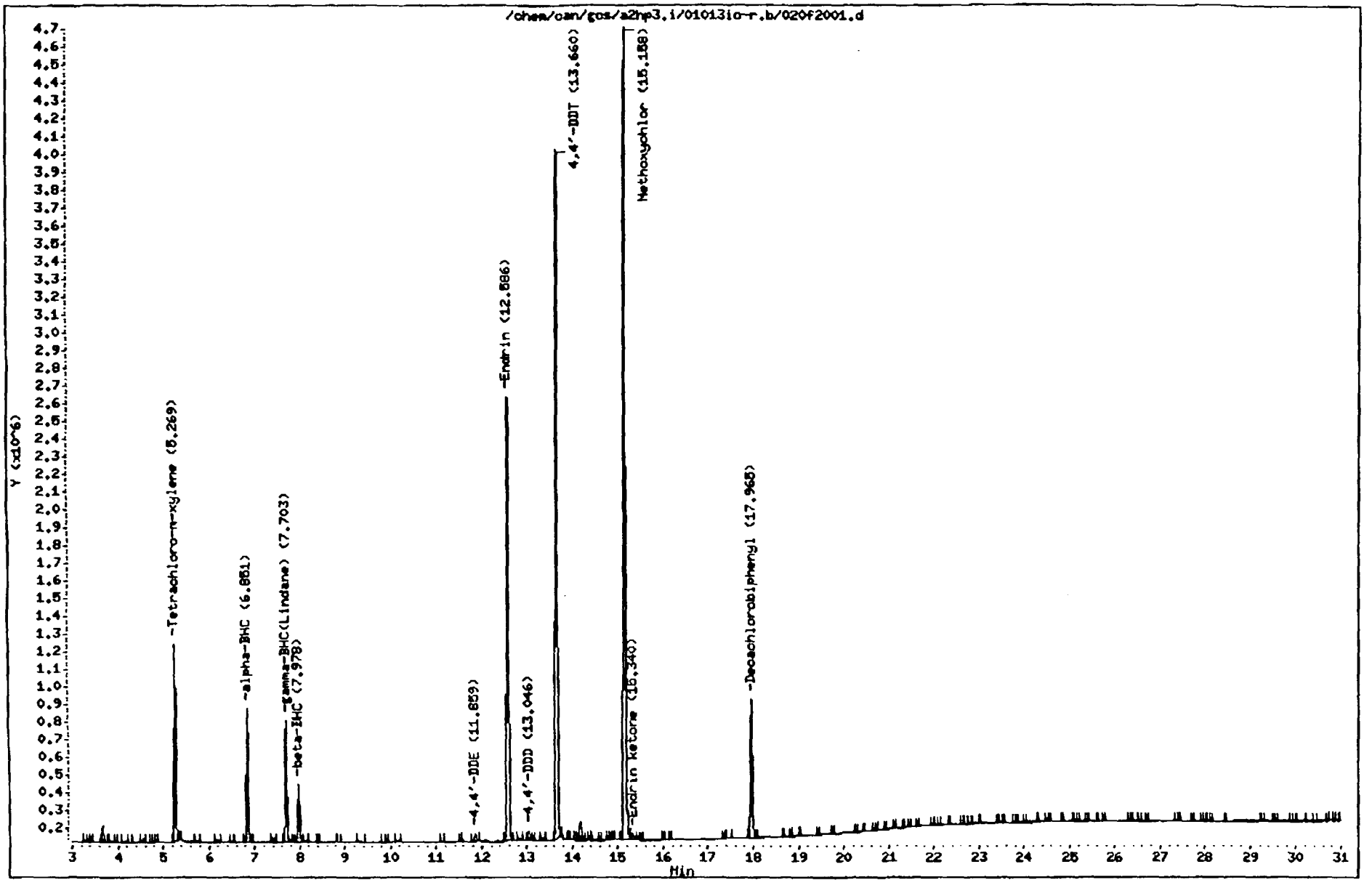
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (pg)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
12.518	12.658	-0.140	7194460	0.05435	0.54	80.00- 120.00	100.00(R)
23 4,4'-DDD					CAS #: 72-54-8		
12.977	13.117	-0.140	155828	0.00130	0.013	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
13.591	13.731	-0.140	11274975	0.10052	1.0	80.00- 120.00	100.00(R)
29 Methoxychlor					CAS #: 72-43-5		
15.089	15.229	-0.140	13609576	0.25191	2.5	80.00- 120.00	100.00(R)
28 Endrin ketone					CAS #: 53494-70-5		
15.271	15.411	-0.140	105053	0.000719	0.0072	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	2367931	0.02149	0.21	80.00- 120.00	100.00

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: /chem/can/gcs/a2hp3.i/010131o-r.b/020f2001.d
Date : 13-OCT-2000 02:21
Client ID: PEM2
Sample Info: PEM2
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/053f5301.d
Lab Smp Id: C533 Client Smp ID: PEM3
Inj Date : 13-OCT-2000 22:50
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM3
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 01-Nov-2000 21:57 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 53 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.319	-0.100	2948777	0.02074	0.21	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.802	6.902	-0.100	1993442	0.00962	0.096	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
7.653	7.753	-0.100	1857990	0.00984	0.098	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
7.929	8.029	-0.100	921852	0.01133	0.11	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
11.791	11.931	-0.140	50124	0.000323	0.0032	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (pg)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
12.518	12.658	-0.140	7372420	0.05570	0.56	80.00- 120.00	100.00
23 4,4'-DDD					CAS #: 72-54-8		
12.977	13.117	-0.140	102089	0.000851	0.0085	80.00- 120.00	100.00
26 4,4'-DDT					CAS #: 50-29-3		
13.591	13.731	-0.140	9868696	0.08798	0.88	80.00- 120.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
15.089	15.229	-0.140	11483423	0.21255	2.1	80.00- 120.00	100.00
28 Endrin ketone					CAS #: 53494-70-5		
15.271	15.411	-0.140	117104	0.000802	0.0080	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	2409154	0.02187	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010131c-r.b/053f5301.d

Date : 13-OCT-2000 22:50

Client ID: PEH3

Sample Info: PEH

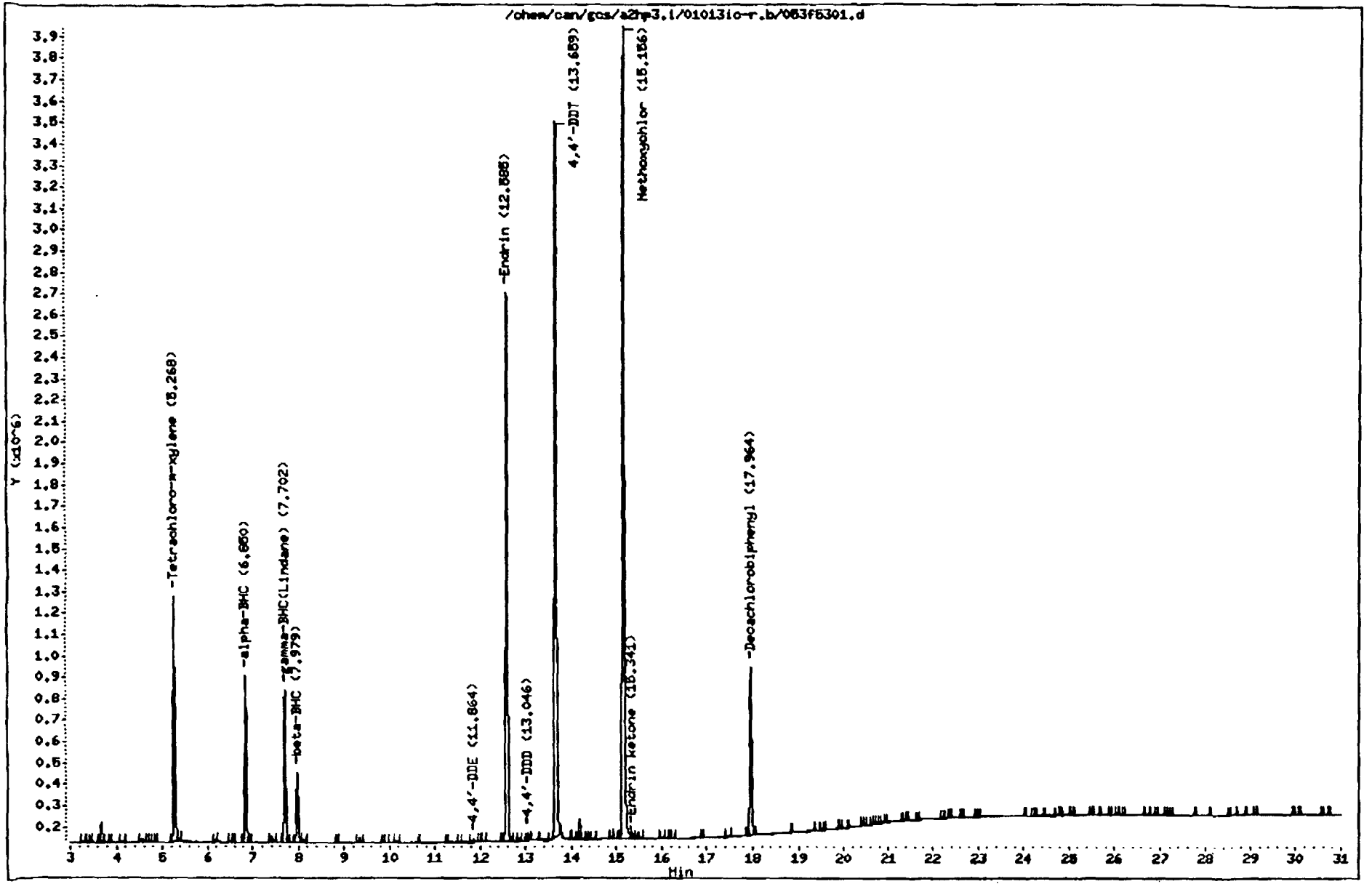
Volume Injected (uL): 1.0

Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i

Operator: 001754

Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01013ic-r.b/087f8701.d
Lab Smp Id: PEM4 C533 Client Smp ID: PEM4
Inj Date : 14-OCT-2000 20:00
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM4 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01013ic-r.b/clp30b.m
Meth Date : 01-Nov-2000 21:57 kusterr Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 018f1801.d
Als bottle: 87 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

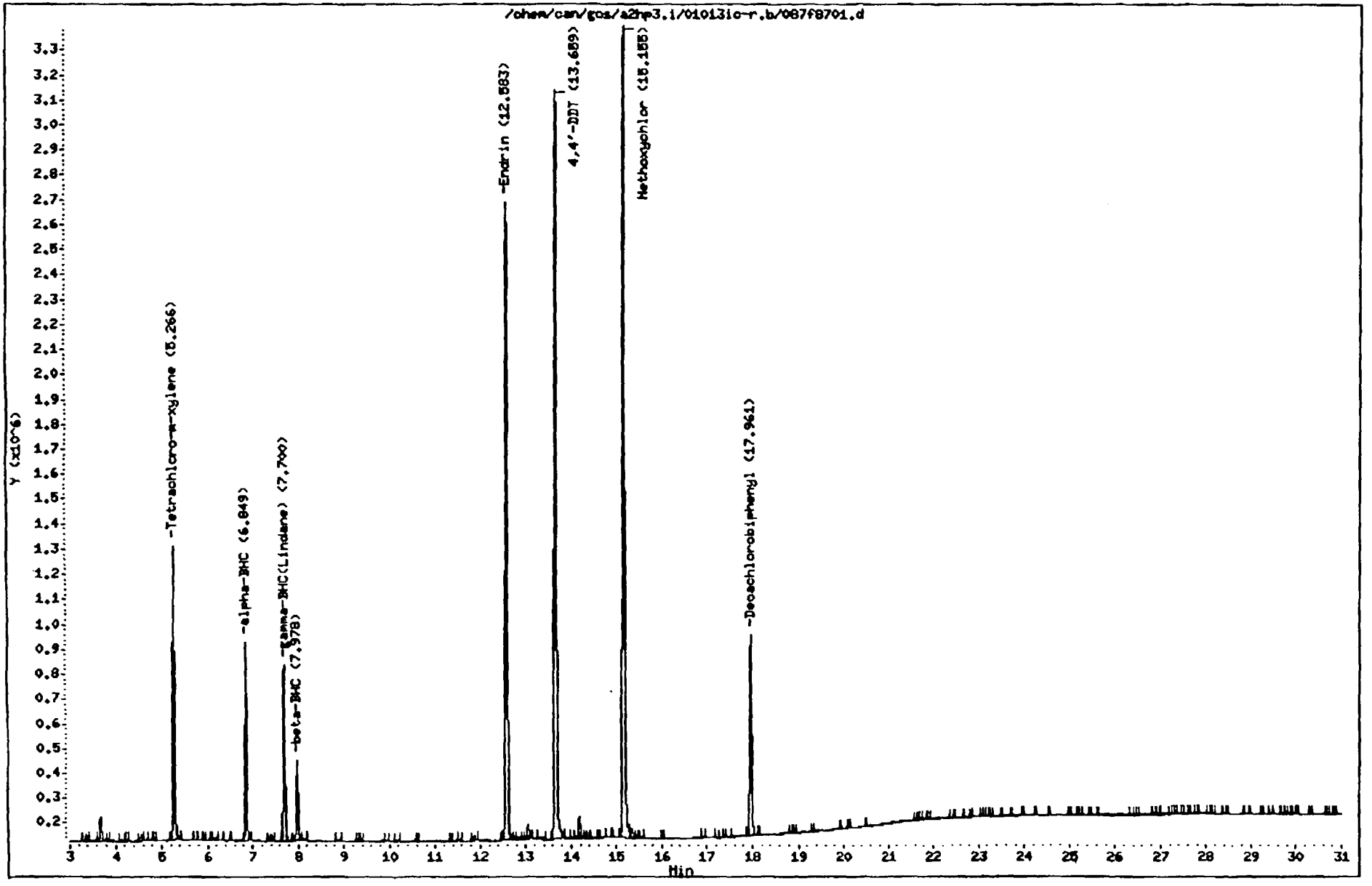
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.219	5.319	-0.100	3032923	0.02133	0.21	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.802	6.902	-0.100	2024919	0.00977	0.098	80.00- 120.00	100.00
5 gamma-BHC(Lindane)					CAS #: 58-89-9		
7.653	7.753	-0.100	1875272	0.00993	0.099	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
7.929	8.029	-0.100	928423	0.01141	0.11	80.00- 120.00	100.00
20 Endrin					CAS #: 72-20-8		
12.518	12.658	-0.140	7391733	0.05584	0.56	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
26 4,4'-DDT					CAS #: 50-29-3		
13.591	13.731	-0.140	9136232	0.08145	0.81	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	2487031	0.02257	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010131c-r.b/087f8701.d
Date : 14-OCT-2000 20:00
Client ID: PEM4
Sample Info: PEM4 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01016c.b/005f0501.d
Lab Smp Id: PEM1 Client Smp ID: PEM1
Inj Date : 16-OCT-2000 16:00
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01016c.b/clp30a.m
Meth Date : 23-Oct-2000 23:19 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

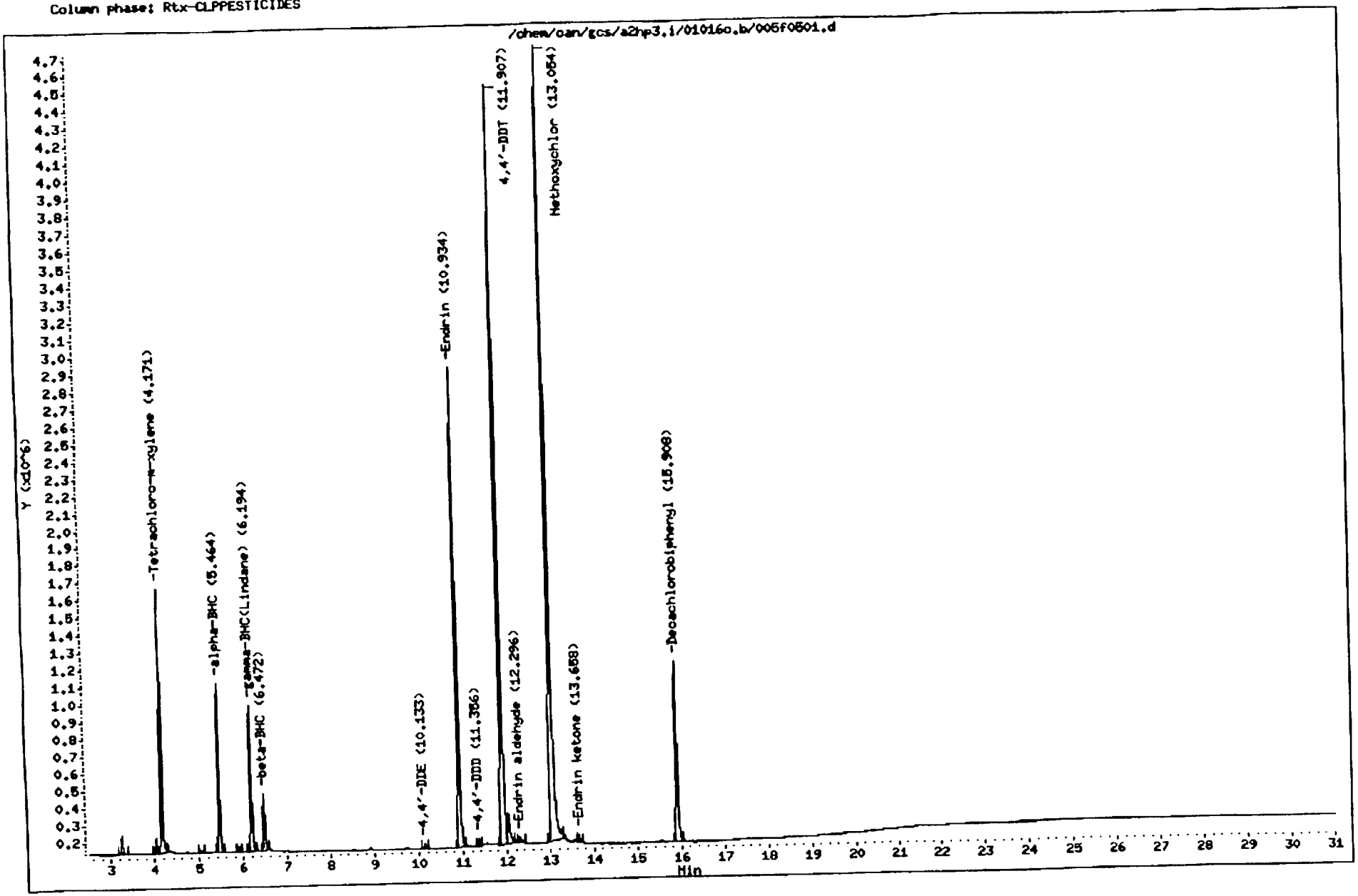
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	3714088	0.02045	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.416	5.516	-0.100	2477267	0.00922	0.092	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.143	6.243	-0.100	2242226	0.00957	0.096	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.423	6.523	-0.100	991190	0.01058	0.10	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.062	10.202	-0.140	84933	0.000479	0.0048	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.862	11.002	-0.140	8069912	0.05540	0.55	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.286	11.426	-0.140	157678	0.00116	0.012	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.837	11.977	-0.140	14159387	0.10263	1.0	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.225	12.365	-0.140	125846	0.000933	0.0093	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.985	13.125	-0.140	16364992	0.24936	2.5	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.589	13.729	-0.140	143263	0.000823	0.0082	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3301468	0.02197	0.22	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010160.b/005f0501.d
Date : 16-OCT-2000 16:00
Client ID: PEM1
Sample Info: PEM1
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01016c.b/020f2001.d
Lab Smp Id: PEM2 Client Smp ID: PEM2
Inj Date : 17-OCT-2000 01:19
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM2
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01016c.b/clp30a.m
Meth Date : 23-Oct-2000 23:19 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

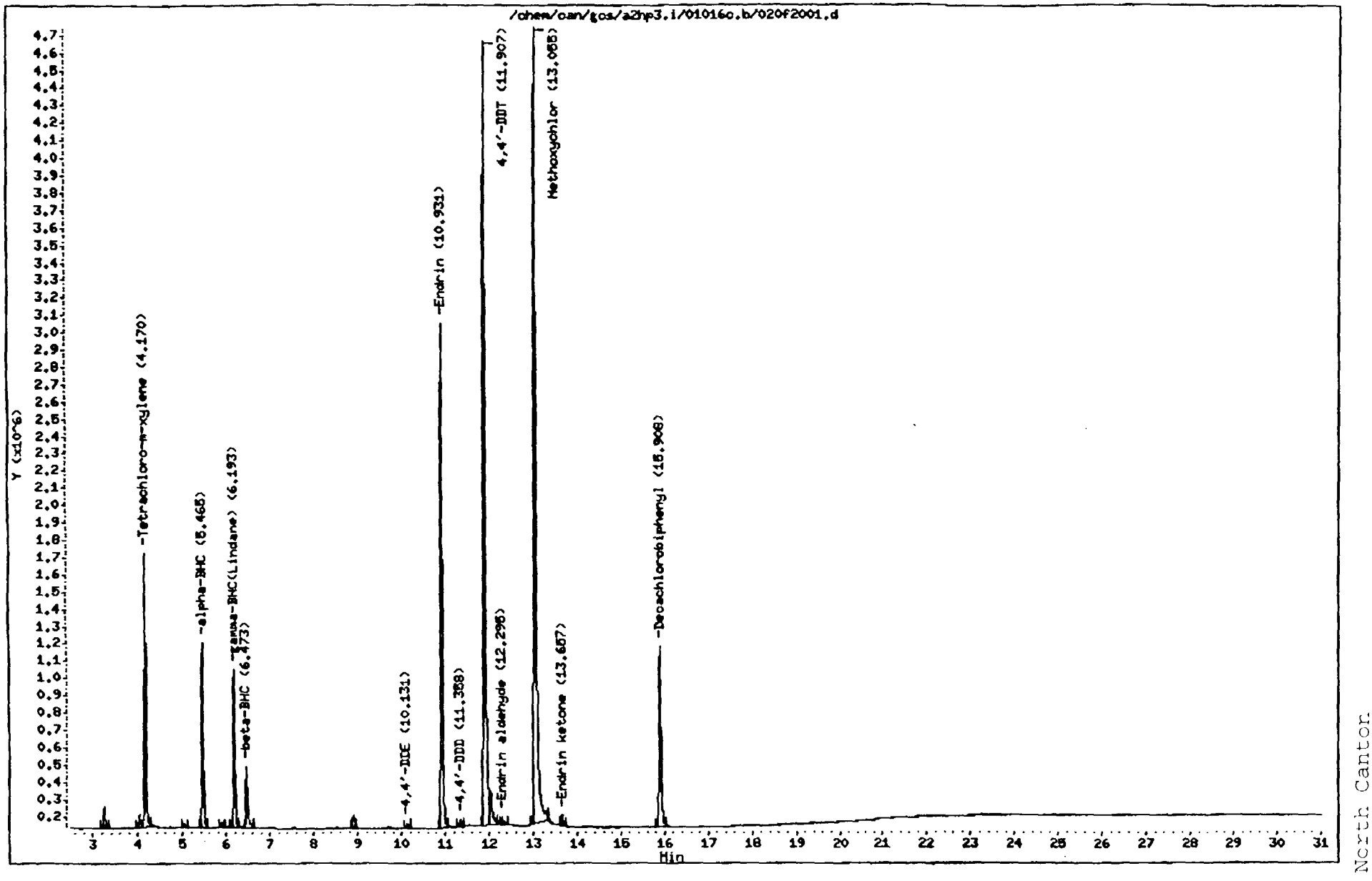
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	3899747	0.02147	0.21	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.416	5.516	-0.100	2692643	0.01003	0.10	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.143	6.243	-0.100	2429403	0.01037	0.10	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.623	6.523	-0.100	1161718	0.01240	0.12	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.062	10.202	-0.140	89074	0.000502	0.0050	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.862	11.002	-0.140	8507106	0.05840	0.58	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.286	11.426	-0.140	157721	0.00116	0.012	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.837	11.977	-0.140	14877018	0.10783	1.1	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.225	12.365	-0.140	166219	0.00123	0.012	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.985	13.125	-0.140	17283399	0.26335	2.6	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.589	13.729	-0.140	186702	0.00107	0.011	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3451989	0.02297	0.23	80.00- 120.00	100.00

Data File: /chem/can/gcs/a2hp3.i/010160.b/020f2001.d
Date : 17-OCT-2000 01:19
Client ID: PEM2
Sample Info: PEM2
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001784
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01017a.b/004f0401.d
Lab Smp Id: PEM3 C533 Client Smp ID: PEM3
Inj Date : 17-OCT-2000 20:01
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM3 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01017a.b/clp30a.m
Meth Date : 01-Nov-2000 22:21 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 4 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

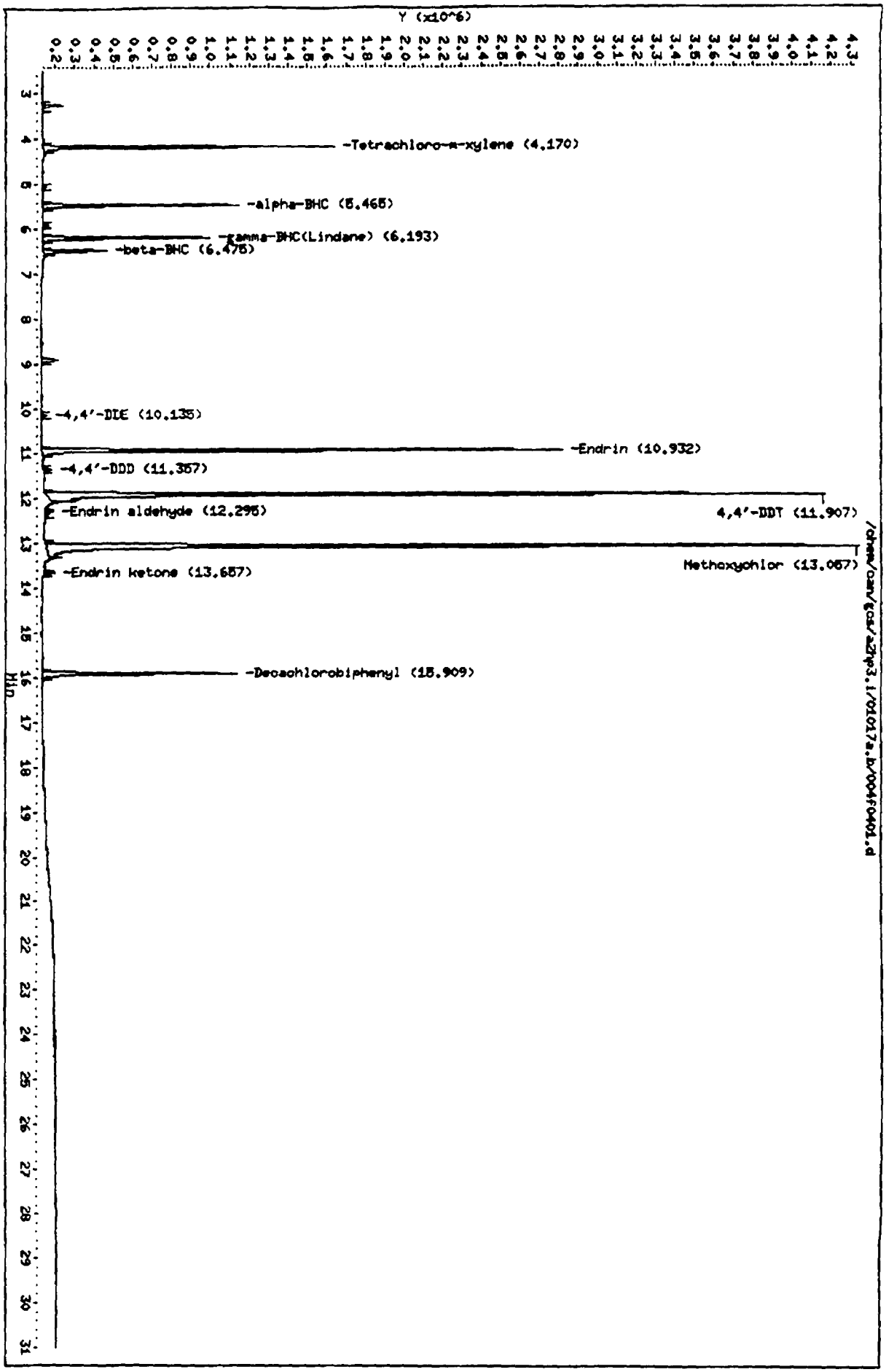
Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	3736163	0.02057	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.416	5.516	-0.100	2553788	0.00951	0.095	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.143	6.243	-0.100	2301858	0.00982	0.098	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.423	6.523	-0.100	1033614	0.01103	0.11	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.062	10.202	-0.140	87674	0.000494	0.0049	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.862	11.002	-0.140	7927025	0.05442	0.54	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.286	11.426	-0.140	161708	0.00119	0.012	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.837	11.977	-0.140	13767030	0.09979	1.00	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.225	12.365	-0.140	144704	0.00107	0.011	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.985	13.125	-0.140	15305987	0.23322	2.3	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.589	13.729	-0.140	175049	0.00101	0.010	80.00- 120.00	100.00
# 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3253701	0.02165	0.22	80.00- 120.00	100.00

Data File: /chem/cam/gcs/a2hp3.i/010017a.b/0004f0401.d
Date : 17-OCT-2000 20:01
Client ID: PEM3
Sample Info: PEM3 CS33
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001764
Column diameter: 0.53



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SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01017a.b/041f4101.d
Lab Smp Id: PEM4 C533 Client Smp ID: PEM4
Inj Date : 18-OCT-2000 19:00
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM4 C533
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01017a.b/clp30a.m
Meth Date : 01-Nov-2000 22:21 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 41 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

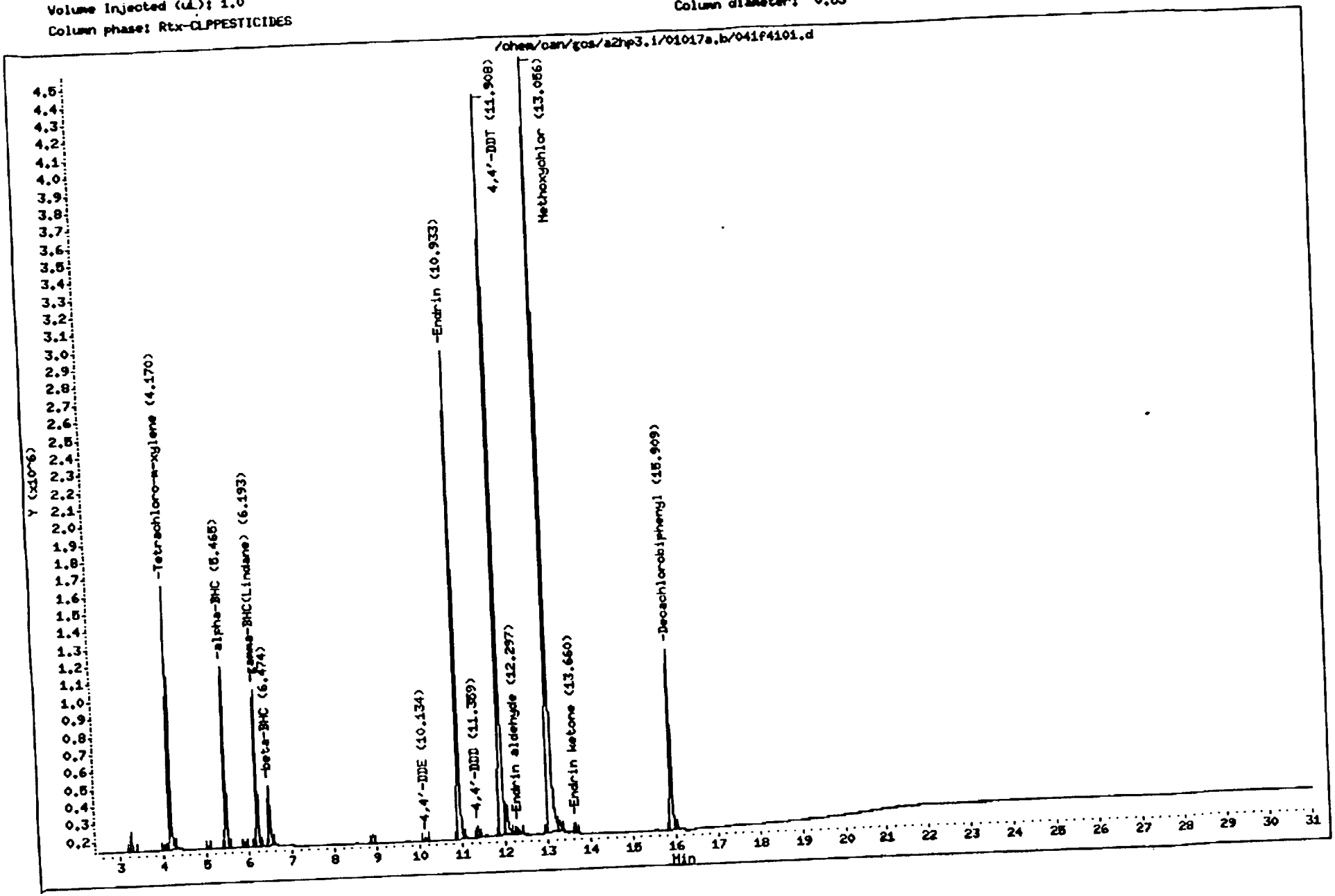
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.120	4.220	-0.100	3730096	0.02054	0.20	80.00- 120.00	100.00
5 alpha-BHC					CAS #: 319-84-6		
5.416	5.516	-0.100	2629107	0.00979	0.098	80.00- 120.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.143	6.243	-0.100	2392498	0.01021	0.10	80.00- 120.00	100.00
12 beta-BHC					CAS #: 319-85-7		
6.423	6.523	-0.100	1063592	0.01135	0.11	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
10.062	10.202	-0.140	81727	0.000461	0.0046	80.00- 120.00	100.00

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
21 Endrin					CAS #: 72-20-8		
10.862	11.002	-0.140	8263493	0.05673	0.57	80.00- 120.00	100.00
24 4,4'-DDD					CAS #: 72-54-8		
11.286	11.426	-0.140	227112	0.00168	0.017	80.00- 120.00	100.00
25 4,4'-DDT					CAS #: 50-29-3		
11.837	11.977	-0.140	14095334	0.10217	1.0	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
12.225	12.365	-0.140	148405	0.00110	0.011	80.00- 120.00	100.00
28 Methoxychlor					CAS #: 72-43-5		
12.985	13.125	-0.140	16239027	0.24744	2.5	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
13.589	13.729	-0.140	176567	0.00101	0.010	80.00- 120.00	100.00
$ 30 Decachlorobiphenyl					CAS #: 2051-24-3		
15.808	16.008	-0.200	3319534	0.02209	0.22	80.00- 120.00	100.00

680

Data File: /chem/can/gcs/a2hp3.i/01017a.b/041f4101.d
Date : 18-OCT-2000 19:00
Client ID: PEM4
Sample Info: PEM4 C533
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data file : /chem/can/gcs/a2hp3.i/01016c-r.b/005f0501.d
Lab Smp Id: PEM1 Client Smp ID: PEM1
Inj Date : 16-OCT-2000 16:00
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM1
Misc Info :
Comment :
Method : /chem/can/gcs/a2hp3.i/01016c-r.b/clp30b.m
Meth Date : 23-Oct-2000 23:24 kusterr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 018f1801.d
Als bottle: 5 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

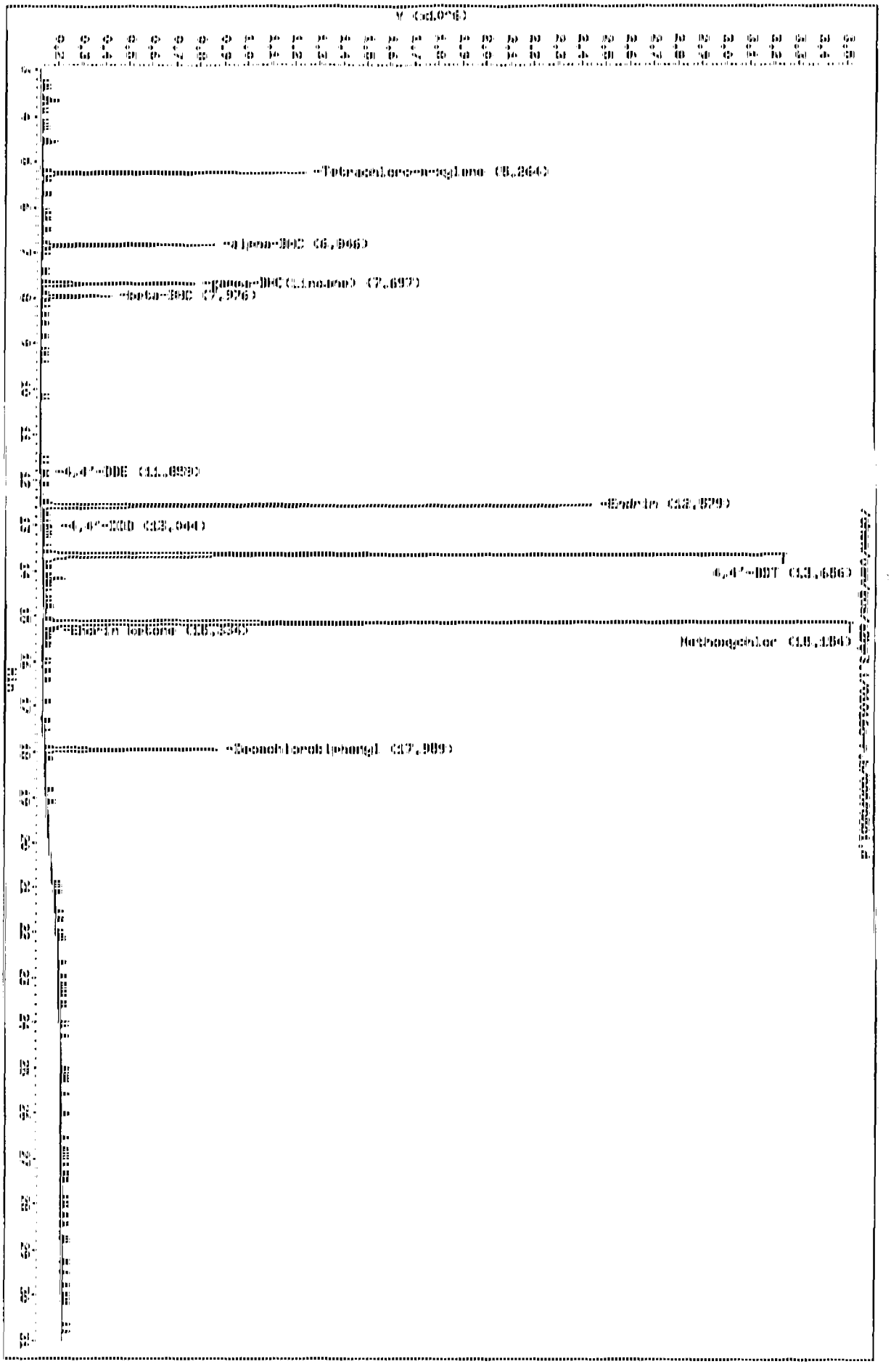
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
# 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.215	5.315	-0.100	2860956	0.01927	0.19	80.00- 120.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.797	6.897	-0.100	1858728	0.00884	0.088	80.00- 120.00	100.00
8 gamma-BHC(Lindane)					CAS #: 58-89-9		
7.648	7.748	-0.100	1724295	0.00907	0.091	80.00- 120.00	100.00
7 beta-BHC					CAS #: 319-85-7		
7.927	8.027	-0.100	855938	0.01060	0.11	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
11.789	11.929	-0.140	73213	0.000482	0.0048	80.00- 120.00	100.00

RT	REP RT	DLT RT	RESPONSE	CONCENTRATION CON-CCX (ng)	FINAL (ng/L)	SAMPLE RANGE	RATIO
30 Bodrin					CAS #: 72-20-8		
13.311	13.693	-0.140	6741470	0.09340	0.83	00.00- 120.00	100.00
31 6,7-END					CAS #: 72-94-8		
13.375	13.119	-0.140	134131	0.00110	0.013	00.00- 120.00	100.00
36 4,4'-DDT					CAS #: 50-29-3		
13.904	13.736	-0.140	9633160	0.09201	0.93	00.00- 120.00	100.00
39 Methoxychlor					CAS #: 72-43-5		
15.009	15.339	-0.140	30693317	0.33760	3.3	00.00- 120.00	100.00
40 Endrin Ketone					CAS #: 53494-70-5		
15.266	15.406	-0.140	150613	0.001106	0.011	00.00- 120.00	100.00
8 40 Decachlorobiphenyl					CAS #: 2051-24-3		
17.050	16.050	-0.200	3334003	0.03159	0.31	00.00- 120.00	100.00


Tetrachloro-m-xylene (8.264)
alpha-BHC (6.966)
Heptachlor (7.697)
beta-BHC (7.976)
4,4'-DDE (11.899)
Endrin (12.979)
4,4'-DDD (13.044)
4,4'-DDT (13.686)
Methoxychlor (18.136)
Decachlorobiphenyl (17.989)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcms/a2hp3.i/01016c-r.b/02082001.d
Lab Smp Id: PEM2 Client Smp ID: PEM2
Inj Date : 17-OCT-2000 01:19
Operator : 001754 Inst ID: a2hp3.i
Smp Info : PEM2
Misc Info :
Comment :
Method : /chem/ccm/gcms/a2hp3.i/01016c-r.b/clp30b.m
Meth Date : 23-Oct-2000 23:24 kwatson Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01821801.d
Alt bottle: 20 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Subset: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * DF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
DF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RS	SPL RT	AREA/CORR	CONCENTRATIONS on-col (ng)	PPBL (ug/L)	TARGET RANGE	RANGE
4	1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.311	5.319	-0.300		113410	0.00100	0.31	40.00- 130.00	100.00
5	alpha-BHC					CAS #: 319-84-6		
6.797	6.797	-0.300		1053046	0.00979	0.400	40.00- 130.00	100.00
6	gamma-BHC (Lindane)					CAS #: 58-89-9		
7.640	7.768	-0.300		1013071	0.01006	0.10	40.00- 130.00	100.00
7	beta-BHC					CAS #: 319-85-7		
7.937	8.157	-0.300		90971	0.01150	0.33	40.00- 130.00	100.00
19	4,4'-DDE					CAS #: 72-55-9		
31.709	13.319	-0.100		40977	0.000503	0.0050	40.00- 130.00	100.00

RT	EXP RT	DEV RT	RESPONSE	CONCENTRATION ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
20 Endrin					CAS #: 72-20-8		
18.911	18.851	-0.140	9361964	0.09694	0.96	60.00- 130.00	100.00
23 4,6'-DDD					CAS #: 72-54-8		
19.979	19.915	-0.140	193396	0.00137	0.013	60.00- 130.00	100.00
26 4,6'-DDT					CAS #: 50-29-3		
19.911	19.726	-0.140	11370373	0.10073	1.1	60.00- 130.00	100.00
29 Methoxychlor					CAS #: 72-43-5		
19.005	19.335	-0.140	13390021	0.36388	3.6	60.00- 130.00	100.00
34 Endrin ketone					CAS #: 53494-70-5		
19.266	19.406	-0.140	330879	0.00344	0.034	60.00- 130.00	100.00
0 35 Decachlorobiphenyl					CAS #: 2051-24-3		
17.090	16.934	-0.100	3471103	0.03335	0.33	60.00- 130.00	100.00

STL North Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/010170-r.b/0040040l.d
Lab Smp Id: PEM3 C533 Client Smp ID: PEM3
Inj Date : 17-OCT-2000 10:01
Operator : 001754 Inst ID: m2hp3.i
Smp Info : PEM3 C533
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/010170-r.b/c1p30b.m
Meth Date : 01-Nov-2000 22:22 kunkere Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 0160160l.d
Als bottle: 4 QC Sample: PEM
DIL Factor: 1.00000
Integrator: Falcon Compound Suffix: 10-PEM.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	SLT RT	Response	Concentration (ug/L)	Concentration (ug/L)	Range	Date
1 3 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.313	1.313	-0.100	3993990	0.01310	0.30	00.00- 330.00	100.00
3 alpha-BHC					CAS #: 319-84-6		
6.797	0.797	-0.100	1033013	0.00033	0.003	00.00- 330.00	100.00
6 gamma-BHC (Lindane)					CAS #: 58-89-9		
7.640	1.700	-0.100	1793446	0.00943	0.096	00.00- 130.00	100.00
7 beta-BHC					CAS #: 319-85-7		
7.937	0.937	-0.100	970043	0.01000	0.11	00.00- 130.00	100.00
10 4,4'-DDE					CAS #: 72-55-9		
11.719	11.919	-0.100	88907	0.000904	0.0096	00.00- 130.00	100.00

RT	EXP RT	DLT RT	RHODOBH	CONCENTRATION COD-CSS (ug)	FINAL (ug/L)	SAMPLE NAME	RATIO
30	Endrin				CAS #: 72-20-8		
32.911	33.693	-0.340	270031	0.00303	0.03	00.00- 130.00	100.00
33	4,4'-DDD				CAS #: 72-54-8		
33.975	33.119	-0.340	106000	0.00130	0.013	00.00- 130.00	100.00
36	4,4'-DDT				CAS #: 50-29-3		
34.904	33.736	-0.340	3309037	0.07016	0.70	00.00- 130.00	100.00
39	Methoxychlor				CAS #: 72-43-5		
35.009	35.333	-0.340	0097790	0.10169	1.0	00.00- 130.00	100.00
40	Endrin ketone				CAS #: 53494-70-5		
35.906	36.404	-0.140	300060	0.00337	0.033	00.00- 130.00	100.00
0	39 Decachlorobiphenyl				CAS #: 2051-24-3		
37.450	38.090	-0.300	3331127	0.03334	0.33	00.00- 130.00	100.00

Tetrachloro-o-xylene (8.262)
alpha-BHC (6.845)
gamma-BHC(Lindane) (7.097)
beta-BHC (7.978)
4,4'-DDE (11.855)
4,4'-DDD (13.042)
Endrin (12.870)
4,4'-DDT (13.684)
Methoxychlor (15.130)
Decachlorobiphenyl (17.980)
mV
Page 1

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2kp3.i/01017a-x.b/04124101.d
Lab Smp Id: PBM4 C533 Client Smp ID: PBM4
Inj Date : 18-OCT-2000 19:00
Operator : 001754 Inst ID: m2kp3.i
Smp Info : PBM4 C533
Misc Info :
Comment :
Method : /chem/ms/gcms/m2kp3.i/01017a-x.b/c1p305.m
Meth Date : 01-Nov-2000 22:22 kwaterx Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01124101.d
Als bottle: 41 QC Sample: PBM
DIL Factor: 1.00000
Integrator: Falcon Compound Suffix: 10-PBM.msb
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	Exp RT	Exp RF	Response	Concentration ng-ng/L (ug)	Concentration ng-ng/L (ug/L)	Target Range	Ratio
0	1 Tetrachloro-m-xylene				CAS #: 877-09-8		
8.319	8.313	-0.100	3991990	0.01009	0.10	00.00- 130.00	100.00
	2 Alpha-BHC				CAS #: 319-84-6		
8.792	8.837	-0.100	1310903	0.00337	0.033	00.00- 130.00	300.00
	4 gamma-BHC(Lindane)				CAS #: 58-89-9		
9.440	9.444	-0.100	1067869	0.00941	0.094	00.00- 130.00	300.00
	9 Beta-BHC				CAS #: 319-85-7		
9.937	9.937	-0.100	89413	0.01309	0.13	00.00- 130.00	100.00
	19 4,4'-DDE				CAS #: 72-55-9		
11.703	11.699	-0.100	79333	0.000600	0.0060	00.00- 130.00	100.00

RT	RRT	RRF	RRF	Response	Concentration (ug)	Concentration (ug/L)	Target Range	Match
30 Indole						CAS #: 73-30-0		
13.911	13.891	-0.140		601001	0.00399	0.19	60.00- 120.00	100.00
33 4,6-DNO						CAS #: 99-50-4		
15.979	15.115	-0.140		10654	0.00165	0.014	80.00- 120.00	100.00
36 4,6-DNT						CAS #: 90-30-9		
16.900	15.936	-0.140		669937	0.00100	0.04	80.00- 120.00	100.00
39 Benzoyecklor						CAS #: 75-41-5		
19.005	15.333	-0.140		9633106	0.30075	3.0	80.00- 120.00	100.00
40 Indole benzo						CAS #: 3004-70-9		
19.366	18.604	-0.140		309736	0.00193	0.013	80.00- 120.00	100.00
# 36 Dodecylcyclohexyl						CAS #: 3001-34-0		
17.894	16.990	-0.300		330000	0.03130	0.31	60.00- 120.00	100.00

Data File: /chem/ms/gas/mfp3.i/01017rr.b/041f4101.d

Date : 18-OCT-2000 19:00

Client ID: PEM

Sample Info: PEM 0833

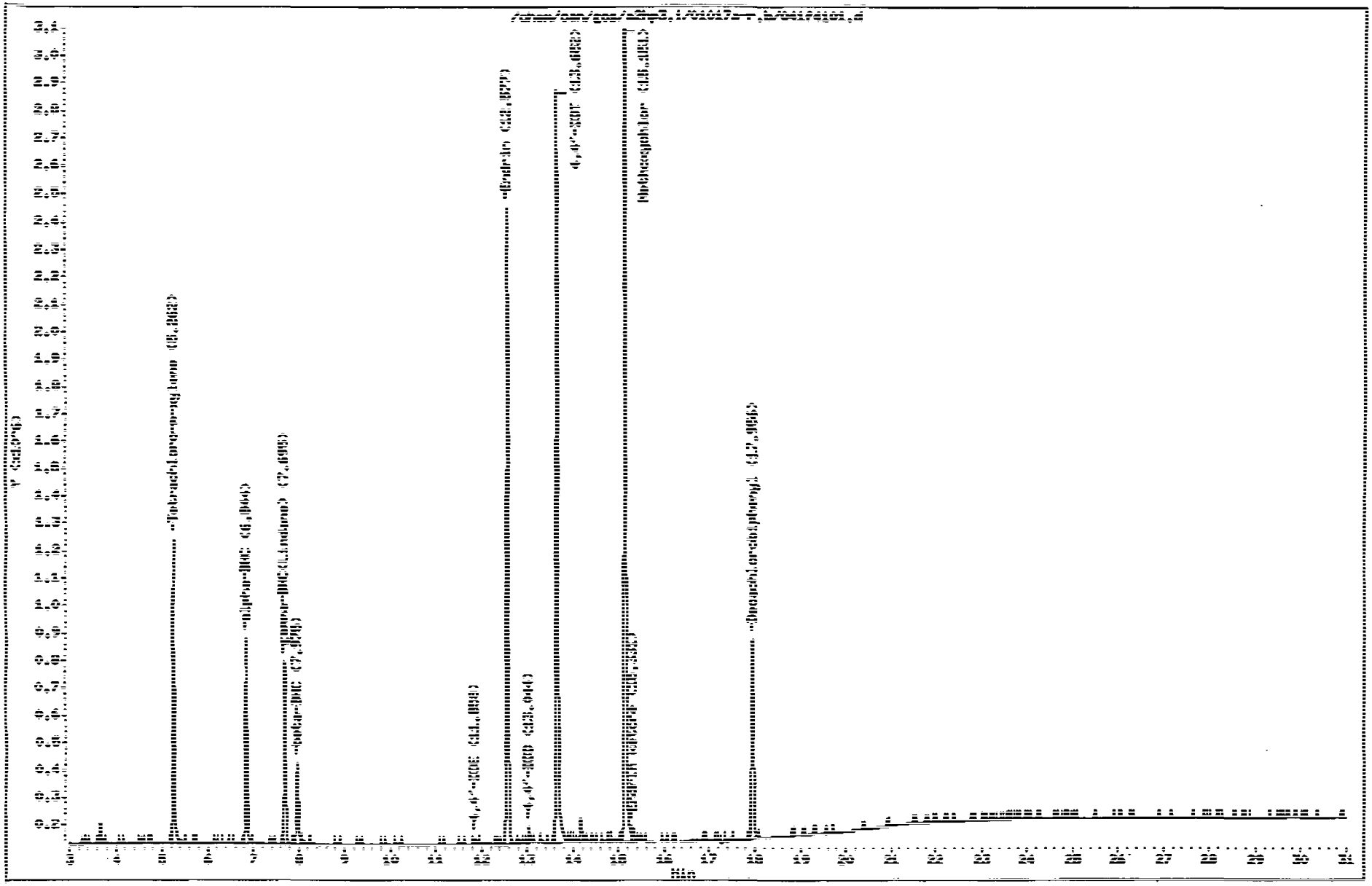
Volume Injected (uL): 1.0

Column phase: RTx-CLP2 PESTICIDES

Instrument: mfp3.i

Operator: 001704

Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccn/gcms/a2hp4.i/009061c.b/01311301.d
Lab Smp Id: C616 Client Smp ID: INDALL
Inj Date : 06-SEP-2000 20:59
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDALL C616
Misc Info :
Comment :
Method : /chem/ccn/gcms/a2hp4.i/009061c.b/c1p30a.m
Meth Date : 07-Sep-2000 11:56 dempsters Quant Type: ESTD
Cal Date : 06-SEP-2000 21:31 Cal File: 01411401.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 7-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * UE * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
UE	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

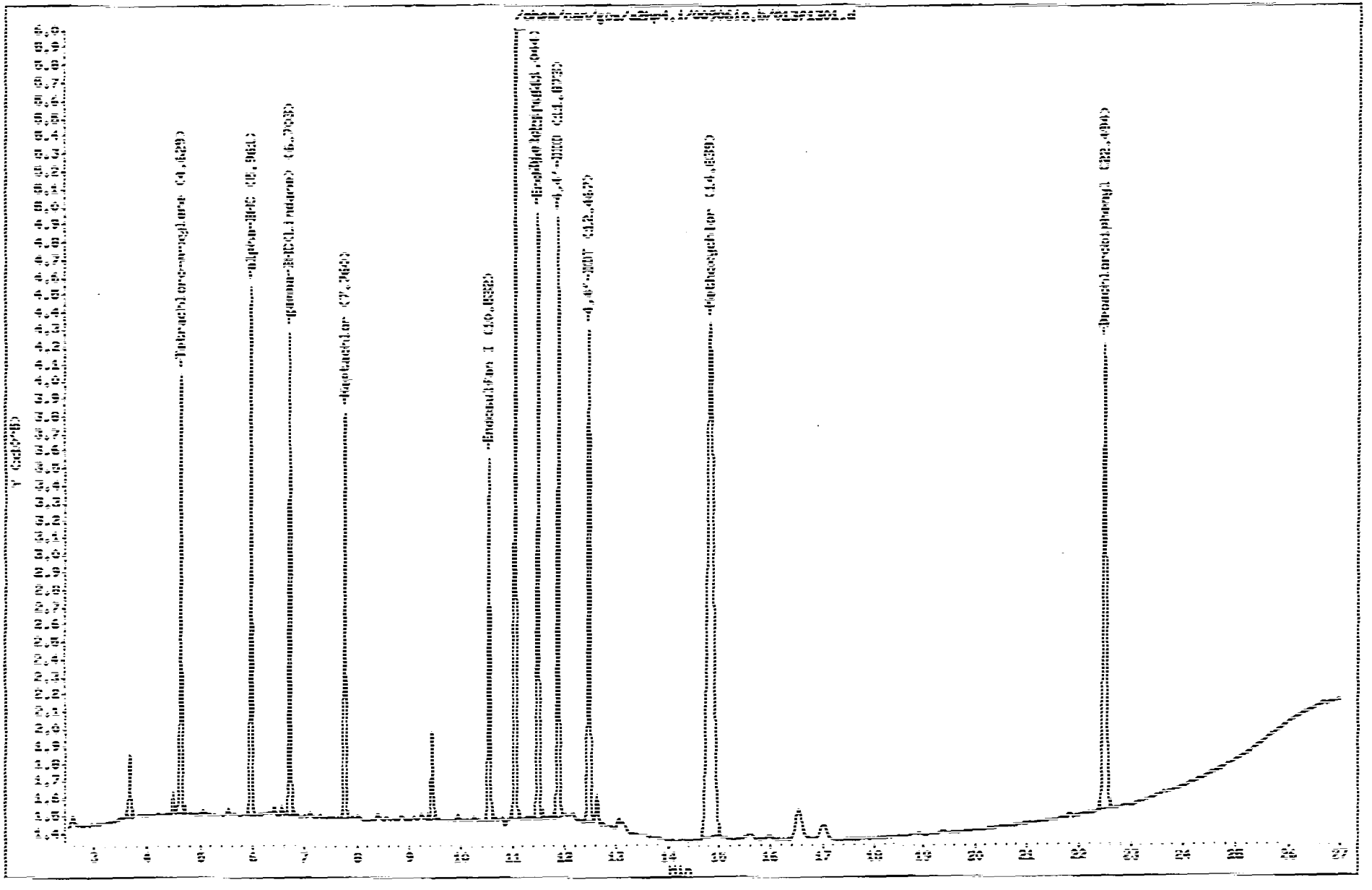
Cpnd Variable Local Compound Variable

RT	RRT	RT DLT RT	RESPONSE	ON-COL (ng)	ON-COL (ng)	TARGET RANGE	RATIO
6 1 Pentachloro-m-xylene					CAS #: 877-09-8		
4.970	4.671	-0.100	60383	0.00500	0.0049	00.00- 130.00	100.00
9 alpha-BHC					CAS #: 319-84-6		
5.311	5.011	-0.100	71030	0.00500	0.0046	00.00- 130.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
6.583	6.711	-0.100	69137	0.00500	0.0047	00.00- 130.00	100.00
9 Heptachlor					CAS #: 76-44-8		
7.710	7.410	-0.100	61313	0.00500	0.0050	00.00- 130.00	100.00
15 Endosulfan I					CAS #: 959-98-8		
10.463	10.002	-0.100	96343	0.00500	0.0050	00.00- 130.00	100.00

RT	EXP RT	DLT RT	AMOUNTS CAL-MET (ng)	AMOUNTS CH-COL (ng)	TARGET RANGE	RATIO
19 Dieldrin				CAS #: 60-57-1		
30.974	31.114	-0.140	310310	0.01000 0.0094	80.00- 120.00	100.00
21 Endrin				CAS #: 72-20-8		
31.619	31.755	-0.140	933323	0.01000 0.0095	80.00- 120.00	100.00
26 4,4'-DDD				CAS #: 72-54-8		
33.003	33.143	-0.140	890166	0.01000 0.0093	80.00- 120.00	100.00
25 4,4'-DDT				CAS #: 50-29-3		
33.390	33.530	-0.140	900499	0.01000 0.0095	80.00- 120.00	100.00
20 Methoxychlor				CAS #: 72-43-5		
34.767	34.907	-0.140	1694313	0.05000 0.053	80.00- 120.00	100.00
0 10 Decachlorobiphenyl				CAS #: 2051-24-3		
33.393	33.593	-0.200	1197460	0.01000 0.011	80.00- 120.00	100.00

Data File: /chem/ms/gcms/a2hp4.i/0090610.b/013F1301.d
Date : 06-SEP-2000 20:59
Client ID: IND04.1
Sample Info: IND04.1 0616
Volume Injected (uL): 1.0
Column phase: Rtx-CLPPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcs/a2hp4.i/009061c.b/015E1501.d
Lab Smp Id: C618 Client Smp ID: INDAMI
Inj Date : 06-SEP-2000 22:03
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDAMI C618
Misc Info :
Comment :
Method : /chem/ccm/gcs/a2hp4.i/009061c.b/c1p30n.m
Meth Date : 07-Sep-2000 11:56 dempsten Quant Type: ESTD
Cal Date : 06-SEP-2000 22:36 Cal File: 016E1601.d
Als bottle: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Subset: 7-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * UE * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
UE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

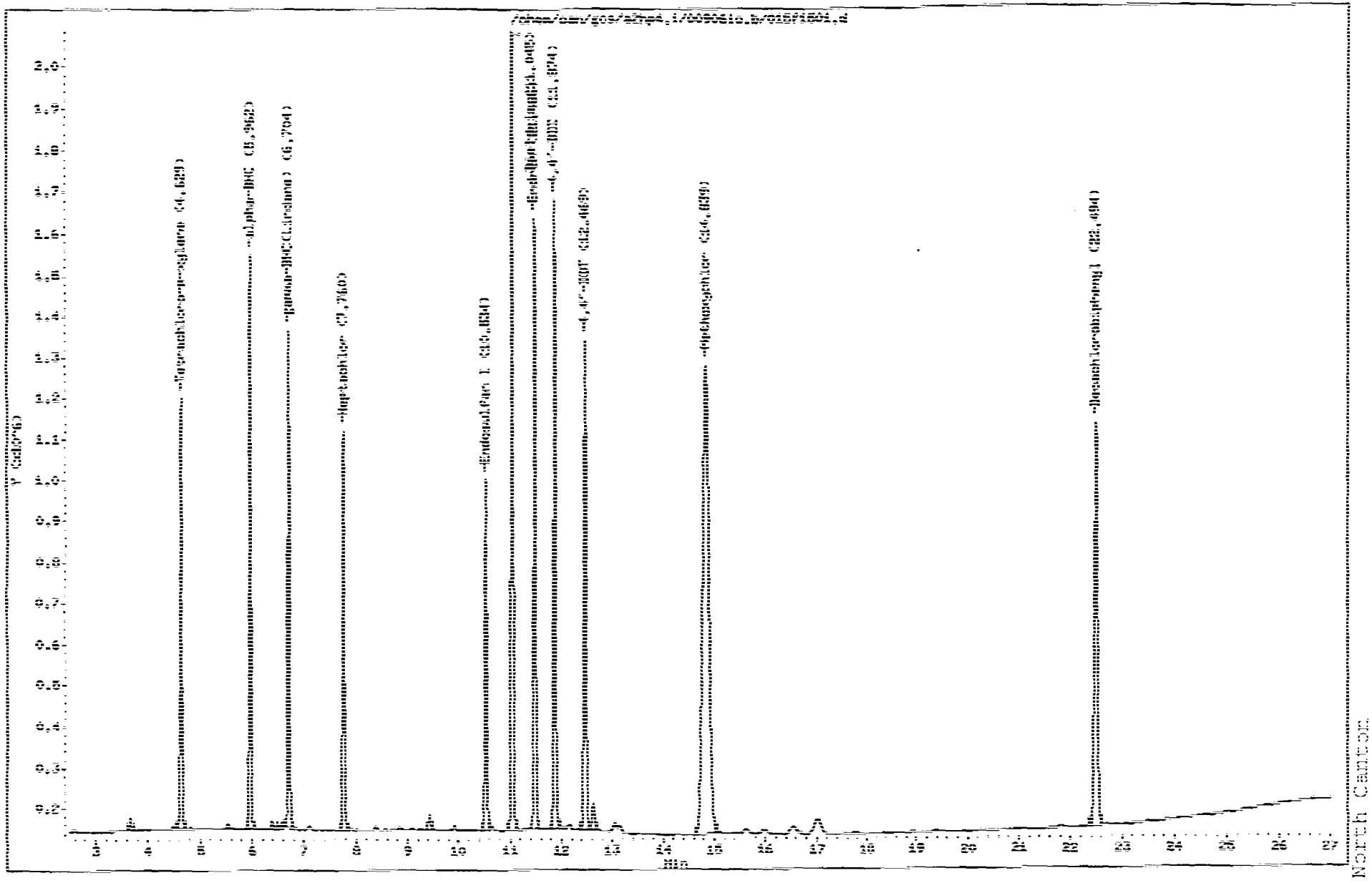
Cpnd Variable Local Compound Variable

RT	RRT	RRT	Response	Amount (ug)	CM-COX (ug)	Range	Name	Conc
0		1 Tetrachloro-m-xylene			CAS #: 877-09-8			
4.370	4.670	-0.100	2496810	0.03000	0.030	80.00- 120.00		100.00
5		alpha-BHC			CAS #: 319-84-6			
5.911	6.011	-0.100	3337297	0.03000	0.030	80.00- 120.00		100.00
7		gamma-BHC (Lindane)			CAS #: 58-89-9			
6.653	6.753	-0.100	3324039	0.03000	0.030	80.00- 120.00		100.00
9		Heptachlor			CAS #: 76-44-8			
7.730	7.810	-0.100	3073110	0.03000	0.030	80.00- 120.00		100.00
15		Endosulfan I			CAS #: 959-98-8			
10.063	10.503	-0.140	3245363	0.03000	0.030	80.00- 120.00		100.00

RT	REP RT	DET RT	RESPONSE	AMOUNTS CAL-AMT (ug)	CHK-COL (ug)	TARGET RANGE	RATIO
19 Dieldrin					CAS #: 60-57-1		
10.974	11.114	-0.140	3933377	0.04000	0.040	80.00- 120.00	100.00
21 Endrin					CAS #: 72-20-8		
11.415	11.555	-0.140	3933093	0.04000	0.040	80.00- 120.00	100.00
26 4,4'-DDD					CAS #: 72-54-8		
11.903	11.943	-0.140	3874437	0.04000	0.040	80.00- 120.00	100.00
29 4,4'-DDT					CAS #: 50-29-3		
12.380	12.520	-0.140	3775633	0.04000	0.040	80.00- 120.00	100.00
30 Methoxychlor					CAS #: 72-43-5		
14.767	14.907	-0.140	3413310	0.30000	0.30	80.00- 120.00	100.00
30 Decachlorobiphenyl					CAS #: 2051-24-3		
12.383	12.523	-0.140	4349067	0.04000	0.040	80.00- 120.00	100.00

Data File: /chem/ram/gcms/a2qp4.i/0090610.b/015F1501.d
Date : 06-SEP-2000 22:03
Client ID: IN0HH
Sample Info: IN0HH C618
Volume Injected (uL): 1.0
Column phase: Rtx-CLPESTICIDES

Instrument: a2qp4.i
Operator: 1000
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcms/a2hp4.i/009061c.b/01761701.d
Lab Smp Id: C620 Client Smp ID: INDAEI
Inj Date : 06-SEP-2000 23:08
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDAEI C620
Misc Info :
Comment :
Method : /chem/ccm/gcms/a2hp4.i/009061c.b/clp30a.m
Meth Date : 07-Sep-2000 11:56 dempsters Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 01761601.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 7-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

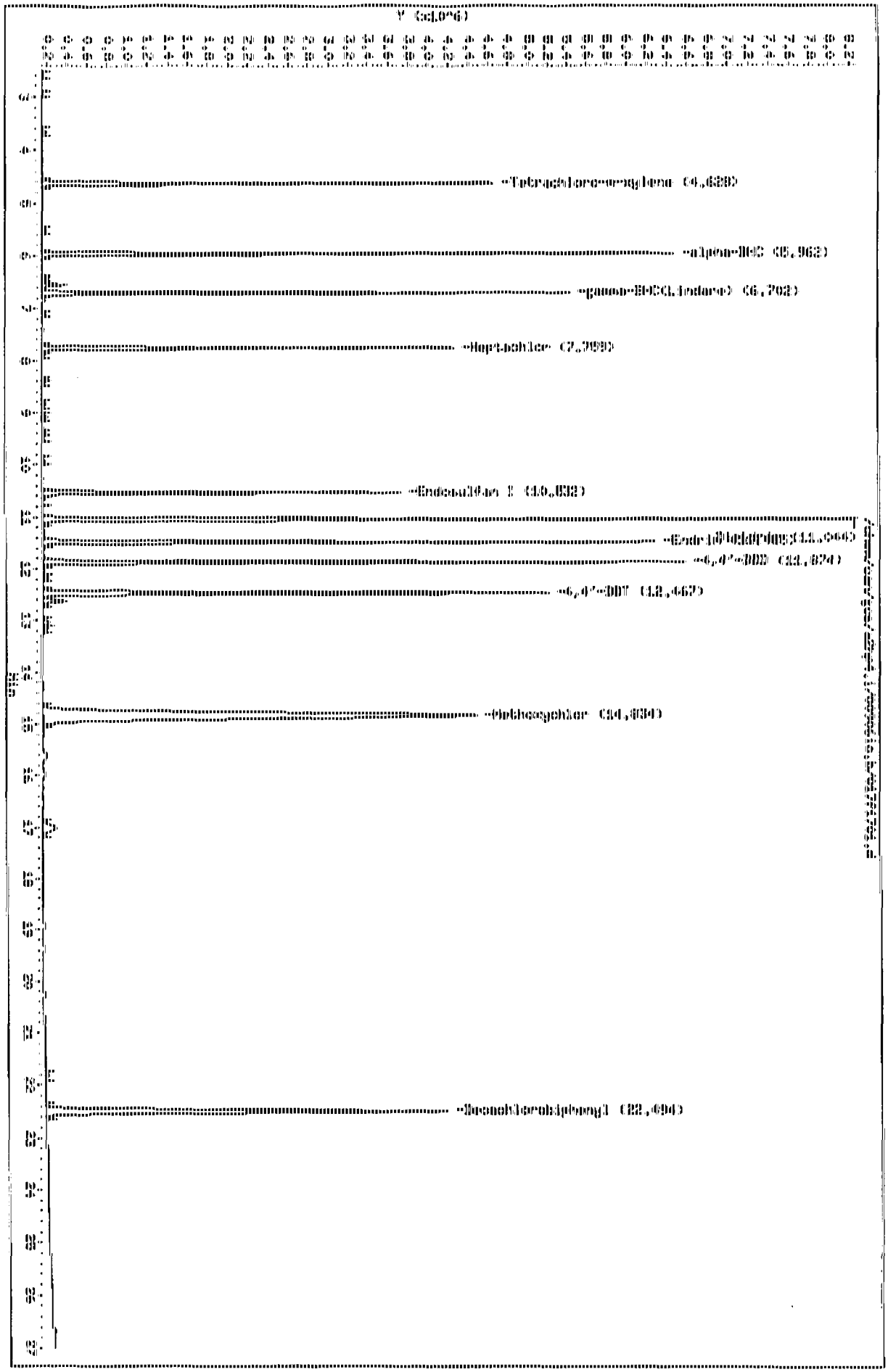
Concentration Formula: Amt * DF * WF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	REF RT	DEV RT	RESPONSE	AMOUNTS CAL-ORG (ug)	ON-COL (ug)	TARGET RANGE	RATIO
0	1 Dichloro-n-xylene				CAS 0: 877-03-0		
4.470	4.470	-0.100	10338943	0.00000	0.000	00.00- 120.00	100.00
	3 alpha-BHC				CAS 0: 319-84-6		
5.011	5.011	-0.100	34668061	0.00000	0.000	00.00- 130.00	100.00
	7 gamma-BHC(Lindane)				CAS 0: 58-89-9		
6.153	6.153	-0.100	33400940	0.00000	0.000	00.00- 130.00	100.00
	9 Heptachlor				CAS 0: 76-44-8		
7.710	7.710	-0.100	10983019	0.00000	0.000	00.00- 130.00	100.00
	15 Endosulfan I				CAS 0: 959-98-8		
10.463	10.463	-0.100	3473664	0.00000	0.000	00.00- 130.00	100.00

RT	RRT	RF	SEP RT	AREA	CAL-MET (ng)	CH-COL (ng)	RANGE	RANGE	RATIO
10 Dieldrin						CAS #: 60-57-1			
10.976	11.134	-0.160		31339361	0.16000	0.17	00.00-	130.00	100.00
11 Endrin						CAS #: 72-20-8			
11.633	11.795	-0.160		36316731	0.16000	0.17	00.00-	130.00	100.00
12 4,4'-DDD						CAS #: 72-54-8			
11.883	12.943	-0.160		16563185	0.16000	0.17	00.00-	130.00	100.00
13 4,4'-DDT						CAS #: 50-29-3			
13.100	13.534	-0.160		18930916	0.16000	0.17	00.00-	130.00	100.00
14 Methoxychlor						CAS #: 72-43-5			
14.767	14.907	-0.160		39799330	0.00000	0.76	00.00-	130.00	100.00
0 15 Decachlorobiphenyl						CAS #: 2051-24-3			
13.383	13.993	-0.300		3466649	0.16000	0.17	00.00-	130.00	100.00


Tetrachloro-m-xylene (4.638)
alpha-BHC (5.963)
gamma-BHC(Lindane) (6.702)
Heptachlor (7.099)
Endosulfan I (10.032)
Endrin(Hydrin)(11.944)
4,4'-DDD (11.874)
4,4'-DDT (12.667)
Methoxychlor (14.634)
Decachlorobiphenyl (22.494)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/cma/gcms/m2hp4.i/009061c.b/01441401.d
Lab Smp Id: C617 Client Smp ID: INDBL1
Inj Date : 06-SEP-2000 21:31
Operator : 1808 Inst ID: m2hp4.i
Smp Info : INDBL1 C617
Misc Info :
Comment :
Method : /chem/cma/gcms/m2hp4.i/009061c.b/clp30a.m
Meth Date : 07-Sep-2000 11:56 dempstea Quant Type: ESTD
Cal Date : 06-SEP-2000 21:31 Cal File: 01441401.d
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

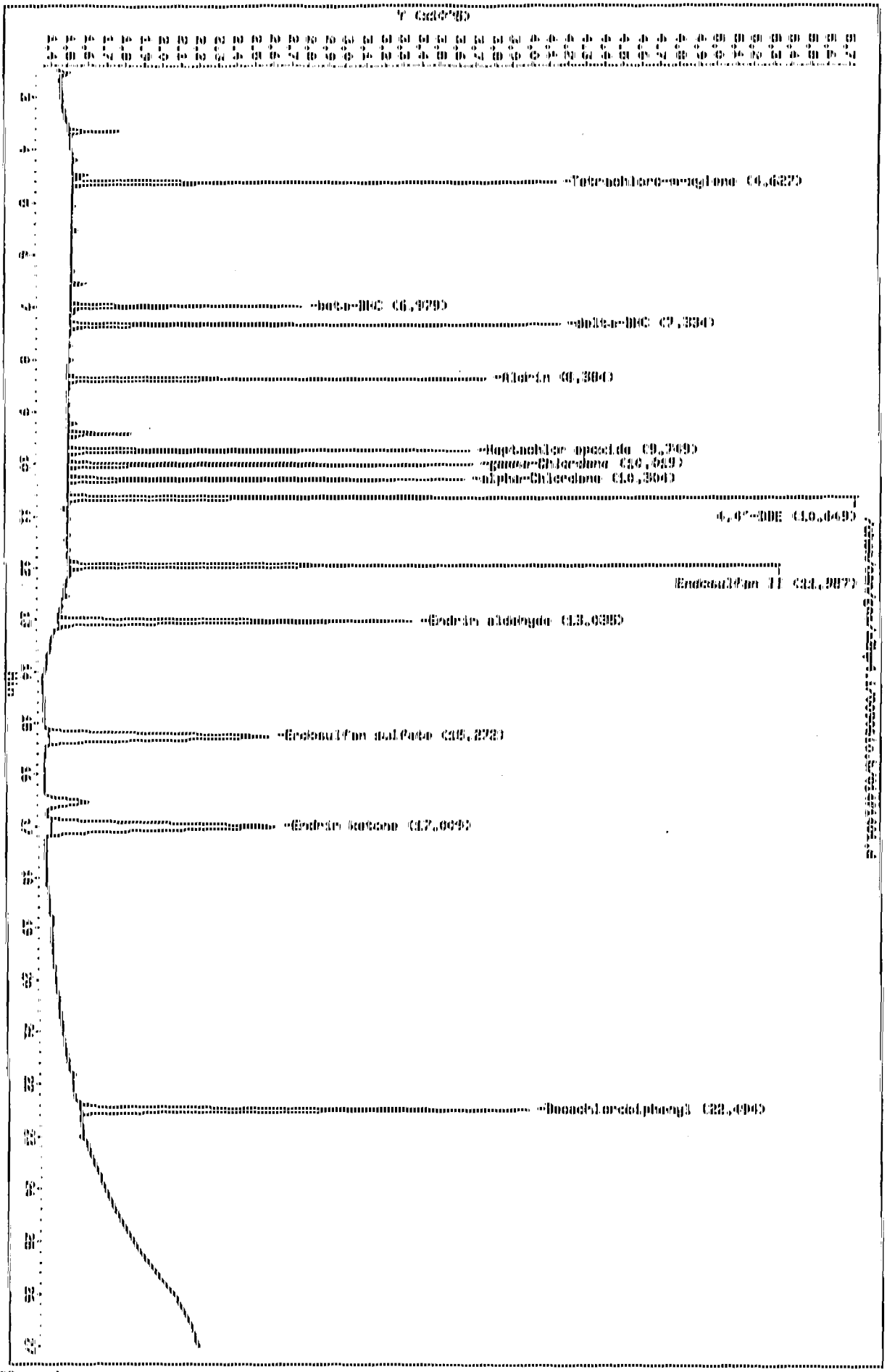
Concentration Formula: Amt * DF * UE * Vt/(Vo * Vi) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
UE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRT	response CAL-AMT (ng)	on-col. (ng)	Amount found	Limits
10 Aldrin				CAS #: 309-00-2		
8.333	1.033	-0.100	106947 0.00000	0.0046	00.00- 130.00	100.00
11 beta-BHC				CAS #: 319-84-7		
8.339	7.031	-0.100	107906 0.00000	0.0050	00.00- 130.00	100.00
12 delta-BHC				CAS #: 319-86-8		
7.303	7.313	-0.100	104109 0.00000	0.0043	00.00- 130.00	100.00
16 Heptachlor epoxide				CAS #: 1024-57-3		
9.673	9.419	-0.100	97100 0.00000	0.0047	00.00- 130.00	100.00
16 gamma-Chlordane				CAS #: 5103-74-2		
9.949	10.009	-0.100	98103 0.00000	0.0044	00.00- 130.00	100.00

RT	RRT	RT	RLT	RT	AMOUNT	AMOUNT (ng)	ON-COL (ng)	CAS#	RANGE	RATIO
37	alpha-Chlordane							CAS #: 5103-71-9		
10.333	10.371	-0.100			341093	0.00500	0.0047	80.00- 120.00		100.00
38	4,4'-DDE							CAS #: 72-55-9		
10.566	10.720	-0.100			1002070	0.01000	0.0046	80.00- 120.00		100.00
39	Endosulfan II							CAS #: 33213-65-9		
11.003	11.040	-0.100			1034340	0.01000	0.0005	80.00- 120.00		100.00
40	Endrin aldehyde							CAS #: 7421-93-4		
11.966	11.106	-0.100			833107	0.01000	0.010	80.00- 120.00		100.00
41	Endosulfan sulfate							CAS #: 1031-07-8		
15.300	15.340	-0.100			975673	0.01000	0.0097	80.00- 120.00		100.00
42	Endrin ketone							CAS #: 53494-70-5		
16.900	17.040	-0.100			1060934	0.01000	0.0011	80.00- 120.00		100.00
0	1,2,3,4,5,6,7,8,9,10,10-Octachloro-4-acetamido							CAS #: 877-09-8		
4.974	4.670	-0.100			609196	0.00500	0.0049	80.00- 120.00		100.00
0	2,3,5,6-Tetrachloro-4-methylsulfonylphenol							CAS #: 3085-85-8		
11.344	11.593	-0.100			1044670	0.01000	0.010	80.00- 120.00		100.00


Tetrachloro-m-xylene (4.627)
beta-BHC (6.979)
delta-BHC (7.334)
Aldrin (8.300)
Heptachlor epoxide (9.769)
gamma-Chlordane (10.519)
alpha-Chlordane (10.300)
4,4'-DDE (10.649)
Endosulfan II (11.987)
Endrin aldehyde (13.035)
Endosulfan sulfate (15.272)
Endrin ketone (17.044)
Decachlorobiphenyl (22.494)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m22hp4.i/009061c.b/01621601.d
Lab Smp Id: C619 Client Smp ID: INDBMI
Inj Date : 06-SEP-2000 22:36
Operator : 1808 Inst ID: m22hp4.i
Smp Info : INDBMI C619
Misc Info :
Comment :
Method : /chem/ms/gcms/m22hp4.i/009061c.b/clp30n.m
Meth Date : 07-Sep-2000 11:56 dempsters Quant Type: ISTD
Cal Date : 06-SEP-2000 22:36 Cal File: 01621601.d
Als bottle: 16 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CE * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CE	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

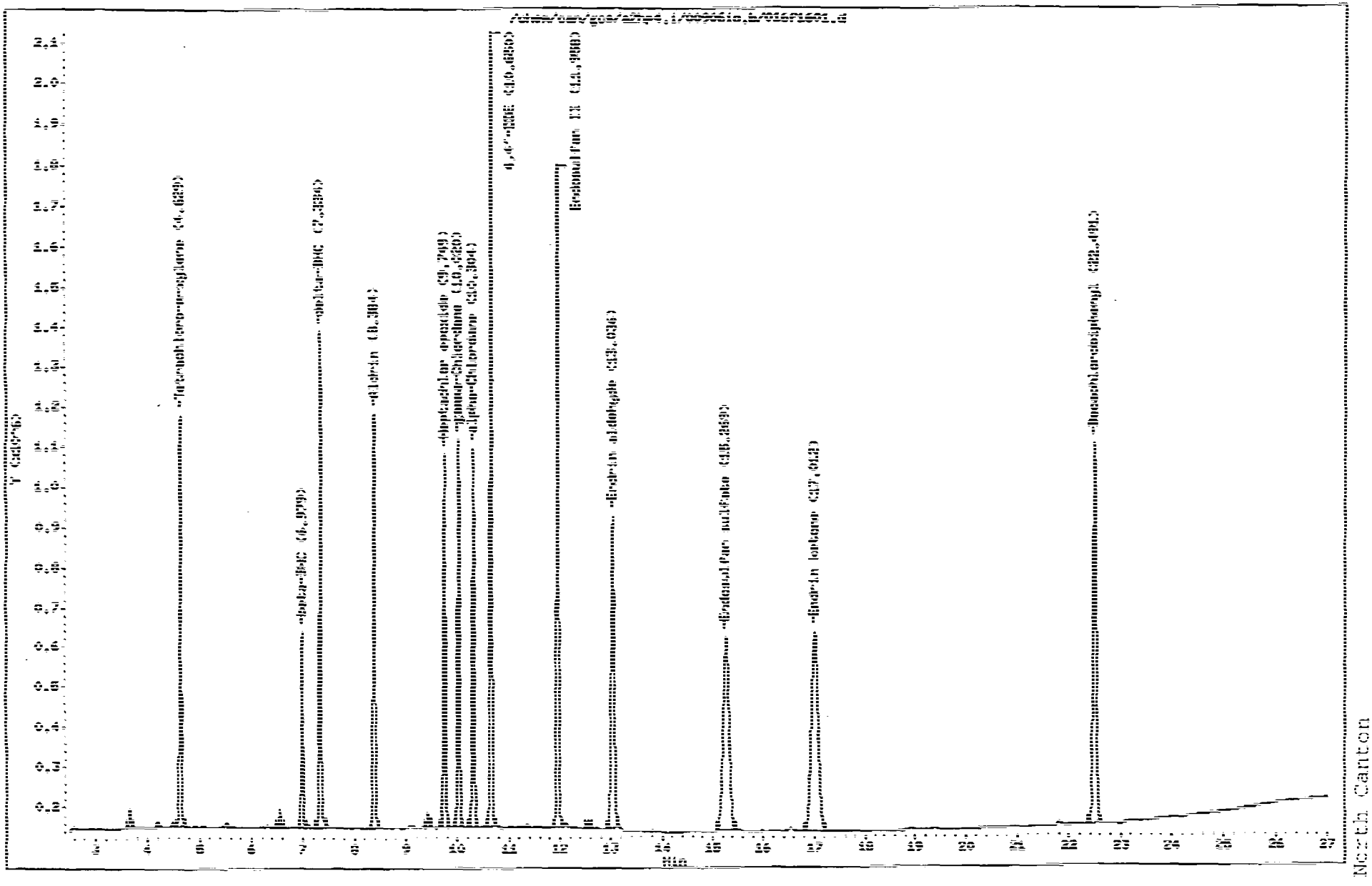
Cpnd Variable Local Compound Variable

RT	RRT	RS	SAT	IT	AMOUNTS	CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO
10 Alpha							CAS #: 309-00-2		
8.313	0.633	-0.100			3660168	0.03000	0.030	00.00- 130.00	100.00
11 beta-BHC							CAS #: 319-46-7		
8.929	7.030	-0.100			3316314	0.03000	0.030	00.00- 130.00	100.00
13 delta-BHC							CAS #: 319-86-8		
7.303	7.103	-0.100			3379901	0.03000	0.030	00.00- 130.00	100.00
14 Heptachlor epoxide							CAS #: 1024-57-3		
9.674	9.019	-0.100			3630990	0.03000	0.030	00.00- 130.00	100.00
16 gamma-Chlordane							CAS #: 5103-74-2		
9.940	10.009	-0.100			3563048	0.03000	0.030	00.00- 130.00	100.00

RT	REP RT	DET RT	RESPONSE	AMOUNTS CHL-ION (ng)	OH-CHL (ng)	TARGET RANGE	RATIO
17 alpha-Chlordane					CAS #: 5103-71-9		
16.233	16.173	-0.140	3003471	0.02000	0.020	80.00- 120.00	100.00
18 4,4'-DDE					CAS #: 72-55-9		
18.940	18.720	-0.140	3040973	0.04000	0.040	80.00- 120.00	100.00
23 Endosulfan II					CAS #: 33213-65-9		
21.000	21.030	-0.140	4330994	0.04000	0.040	80.00- 120.00	100.00
26 Endrin aldehyde					CAS #: 7421-93-4		
23.960	23.106	-0.140	3380913	0.04000	0.040	80.00- 120.00	100.00
27 Endosulfan sulfate					CAS #: 1031-07-8		
15.300	15.340	-0.160	4005063	0.04000	0.040	80.00- 120.00	100.00
29 Endrin ketone					CAS #: 53494-70-5		
26.940	27.000	-0.140	4467833	0.04000	0.040	80.00- 120.00	100.00
9 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
4.970	4.670	-0.190	3431169	0.02000	0.020	80.00- 120.00	100.00
9 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.393	22.332	-0.200	4032931	0.04000	0.040	80.00- 120.00	100.00

Data File: /chem/ms/gcms/a2hp4.i/0090610.b/016f1601.d
Date : 06-SEP-2000 22:36
Client ID: INDBHI
Sample Info: INDBHI C619
Volume Injected (ul): 1.0
Column phase: Rtx-CLPESTICIDES

Instrument: a2hp4.i
Operator: 1808
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcs/m2hp4.i/009061c.b/01E1801.d
Lab Smp Id: C621 Client Smp ID: INDBH1
Inj Date : 06-SEP-2000 23:40
Operator : 1808 Inst ID: m2hp4.i
Smp Info : INDBH1 C621
Misc Info :
Comment :
Method : /chem/ms/gcs/m2hp4.i/009061c.b/c1p30m.m
Meth Date : 07-Sep-2000 11:56 dempstcoo Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 01E1801.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WF	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

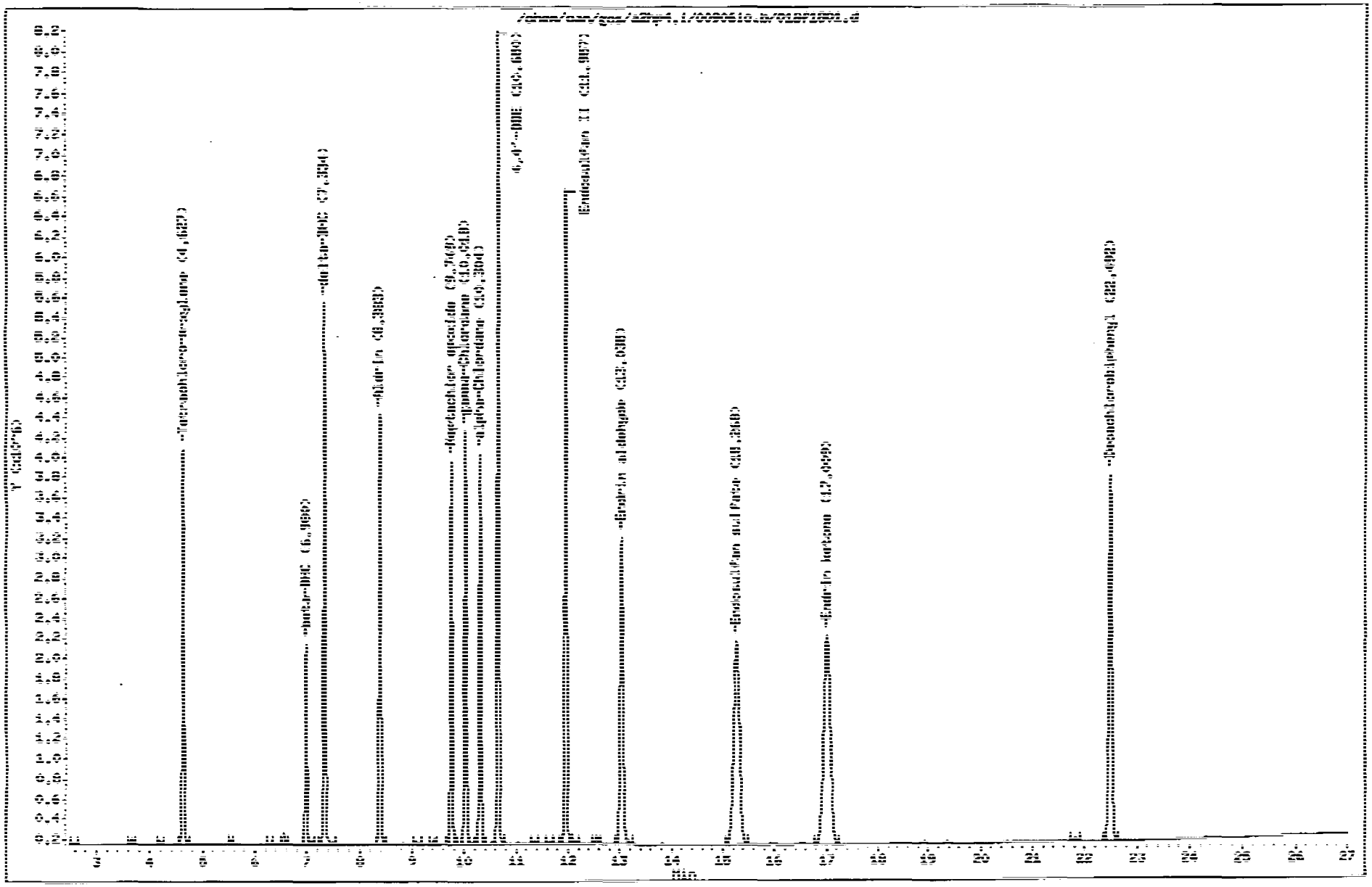
RT	EXP RT	DEV RT	RESPONSE	AMOUNT ON-COL (ng)	CAS-NUMBER (ng)	TARGET RANGE	RATIO
10 Aldrin					CAS #: 309-00-2		
4.993	0.499	-0.100	11177191	0.00000	0.003	00.00- 100.00	100.00
12 beta-BHC					CAS #: 319-85-7		
4.929	7.929	-0.100	4794057	0.00000	0.079	00.00- 100.00	100.00
13 delta-BHC					CAS #: 319-86-8		
7.303	7.903	-0.100	19069160	0.00000	0.007	00.00- 100.00	100.00
14 Heptachlor epoxide					CAS #: 1024-57-3		
9.679	9.033	-0.100	9336704	0.00000	0.003	00.00- 100.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2		
9.949	10.003	-0.100	10000034	0.00000	0.004	00.00- 100.00	100.00

AMOUNTS

RT	RRT	RT	DLT RT	RESPONSE	CHL-ORG (ug)	CHL-ORG (ug)	TARGET RANGE	RATIO
37	alpha-Chlordane				CAS # 5103-71-9			
10.333	10.971		-0.140	3017604	0.00000	0.002	80.00- 120.00	100.00
38	4,4'-DDE				CAS # 72-55-9			
10.500	10.730		-0.140	2160170	0.16000	0.16	80.00- 120.00	100.00
39	Endosulfan II				CAS # 33213-65-9			
11.000	12.038		-0.140	1740047	0.16000	0.16	80.00- 120.00	100.00
40	Endrin aldehyde				CAS # 7421-93-4			
12.966	13.106		-0.140	1199906	0.16000	0.16	80.00- 120.00	100.00
41	Endosulfan sulfate				CAS # 1031-07-8			
13.200	13.340		-0.140	1160436	0.16000	0.16	80.00- 120.00	100.00
42	Endrin ketone				CAS # 53494-70-5			
14.940	17.000		-0.140	1603966	0.16000	0.17	80.00- 120.00	100.00
43	1 Tetrachloro-m-xylene				CAS # 877-09-8			
4.570	4.670		-0.100	933457	0.00000	0.074	80.00- 120.00	100.00
44	50 Decachlorobiphenyl				CAS # 2051-24-3			
33.333	33.593		-0.100	1574670	0.16000	0.15	80.00- 120.00	100.00

Data File: /chem/ms/gcs/a2hp4.i/00906ic.b/018f1801.d
Date : 06-SEP-2000 23:46
Client ID: INDBM
Sample Info: INDBM 0621
Volume Injected (uL): 1.0
Column phase: RTX-CLPESTICIDES

Instrument: a2hp4.i
Operator: 1888
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/can/gcms/a2hp4.i/009061c-x.b/013E1301.d
Lab Smp Id: C616 Client Smp ID: INDALL
Inj Date : 06-SEP-2000 20:59
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDALL C616
Misc Info :
Comment :
Method : /chem/can/gcms/a2hp4.i/009061c-x.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 chemsten Quant Type: ESTD
Cal Date : 06-SEP-2000 21:31 Cal File: 014E1401.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRT RT	Response	Amounts Cal-Amt (ug)	on-col (ug)	Target Range	Ratio
0	1 Bornchloro-m-xylene			CAS #: 877-00-0			
9.790	9.010	-0.300	699913	0.00900	0.0049	00.00- 130.00	100.00
	2 alpha-BHC			CAS #: 319-00-6			
7.993	7.451	-0.300	747071	0.00900	0.0049	00.00- 130.00	100.00
	0 gamma-BHC(Lindane)			CAS #: 58-89-9			
8.330	8.320	-0.100	440049	0.00900	0.0047	00.00- 130.00	100.00
	11 Heptachlor			CAS #: 76-44-8			
9.195	9.293	-0.100	416079	0.00900	0.0050	00.00- 130.00	100.00
	19 Endosulfan I			CAS #: 959-98-8			
13.976	13.334	-0.100	573919	0.00900	0.0051	00.00- 130.00	100.00

						Amounts				
						Cal-Amt	Cal-Cnc			
RT	RRT	RT	RRT	RF	Response	(ng)	(ng)	Target Range	Ratio	
10 Dieldrin								CAS #: 60-57-1		
13.691	13.791	-0.100			1179001	0.01000	0.0095	80.00- 120.00	100.00	(M)
30 Endrin								CAS #: 72-20-8		
15.730	15.830	-0.100			960040	0.01000	0.0099	80.00- 120.00	100.00	
33 4,4'-DDD								CAS #: 72-54-8		
15.120	15.260	-0.140			879179	0.01000	0.0099	80.00- 120.00	100.00	
36 4,4'-DDT								CAS #: 50-29-3		
17.170	17.310	-0.140			904943	0.01000	0.010	80.00- 120.00	100.00	
39 Methoxychlor								CAS #: 72-43-5		
21.391	21.490	-0.100			1198733	0.01000	0.011	80.00- 120.00	100.00	
40 Decachlorobiphenyl								CAS #: 2051-24-3		
23.790	23.990	-0.200			1030756	0.01000	0.011	80.00- 120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: /chem/ms/gcms/a2hp4.1/000906ioff.b/013F1301.d

Date : 06-SEP-2000 20:59

Client ID: INB0L1

Sample Info: INB0L1 C616

Volume Injected (ul): 1.0

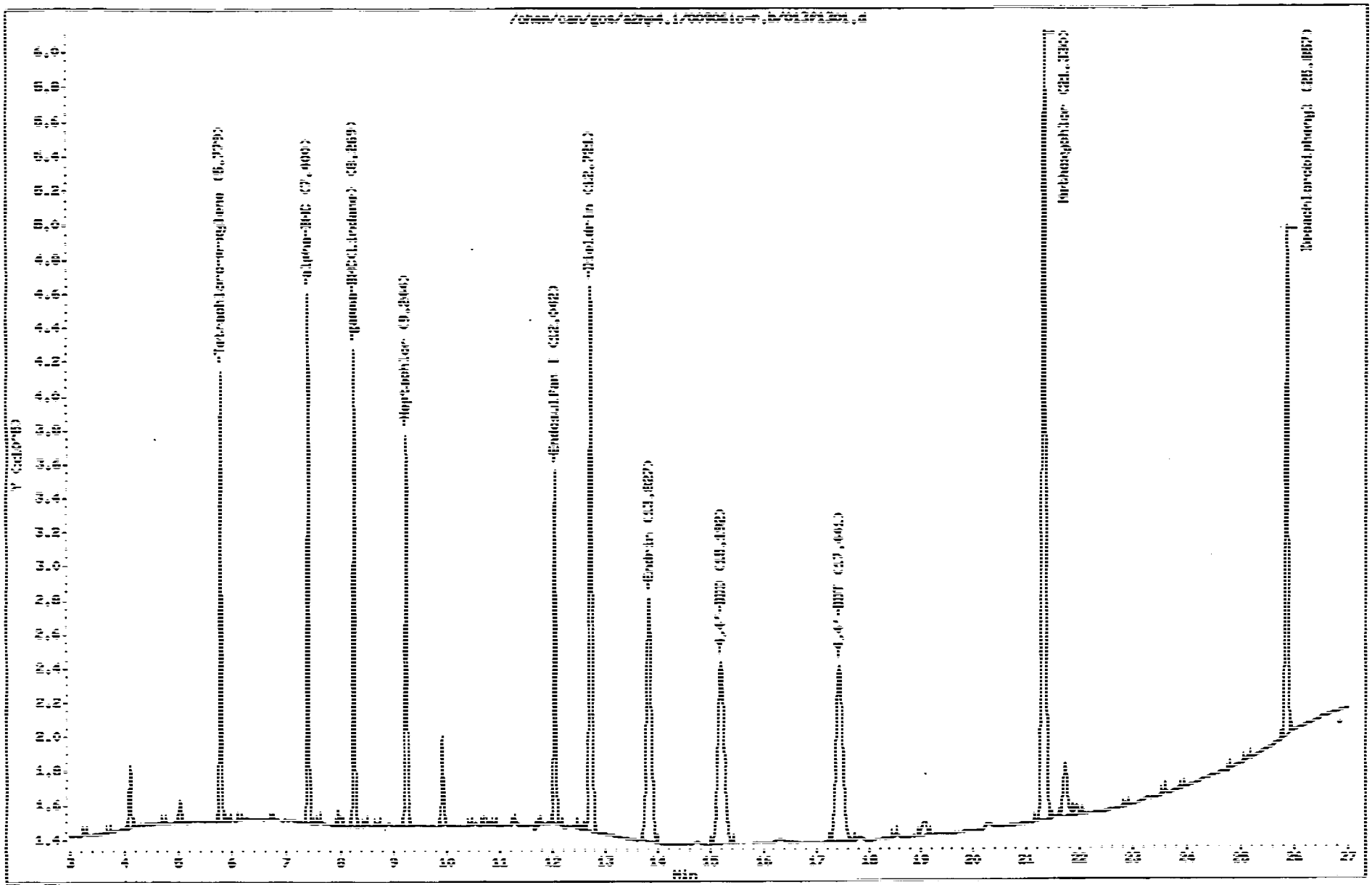
Column phase: Rtx-CLP2 PESTICIDES

Page 9

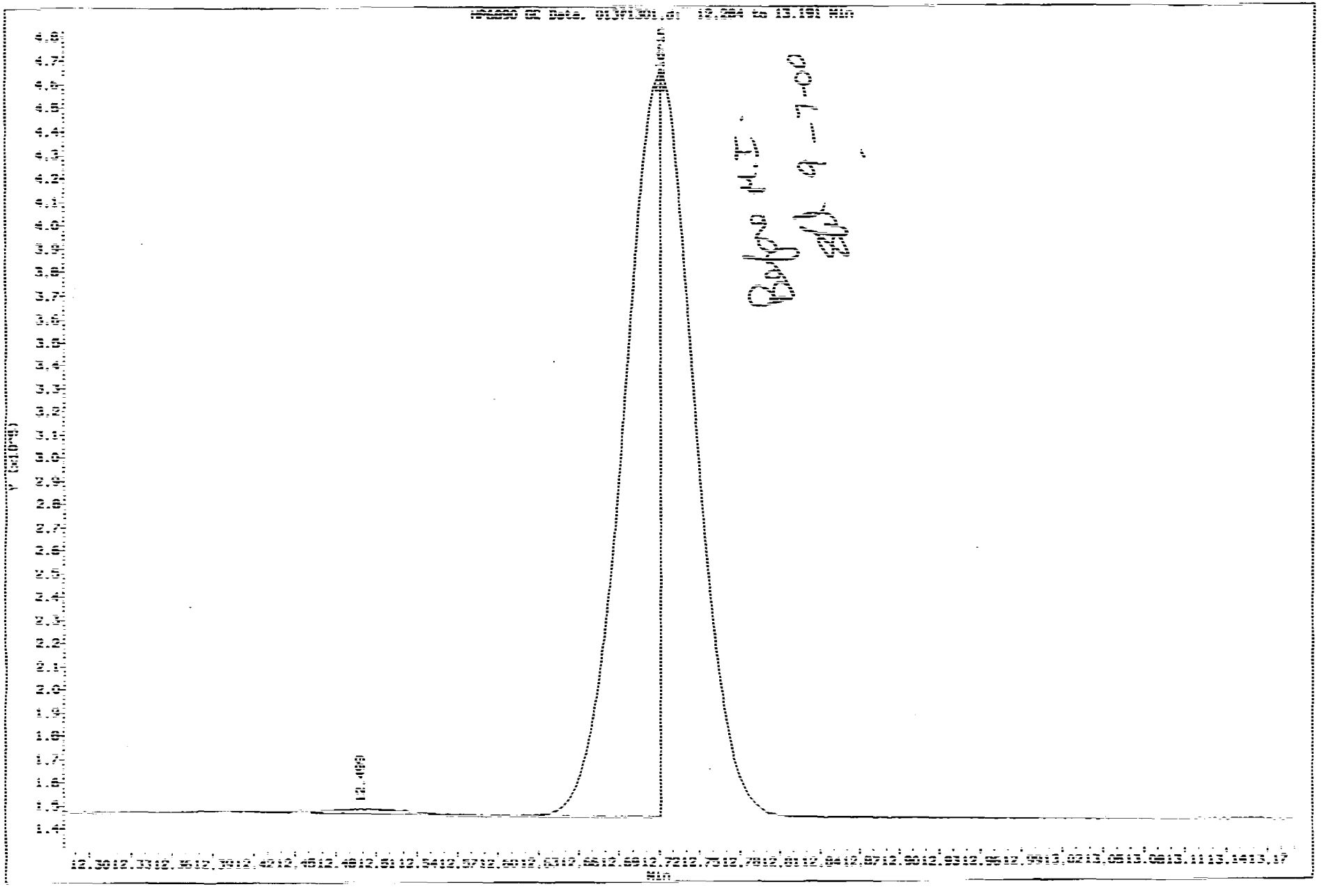
Instrument: a2hp4.1

Operator: 1808

Column diameter: 0.53



Data File: /chem/ms/gcms/a2hp4.i/0090610-r.b/01301301.d
Injection Date: 06-SEP-2000 20:59
Instrument: a2hp4.i
Client Sample ID:



Bolger M.T.
Sept 9 - 7 - 00

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcms/a2hp4.i/009061c-r.b/01561501.d
Lab Smp Id: C61B Client Smp ID: INDAMI
Inj Date : 06-SEP-2000 23:03
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDAMI C61B
Misc Info :
Comment :
Method : /chem/ccm/gcms/a2hp4.i/009061c-r.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dempster Quant Type: ESTD
Cal Date : 06-SEP-2000 22:36 Cal File: 01561601.d
Als bottle: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * DE * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
DE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RT DIF	response	response (ng)	CAS-RNG (ng)	target range	RATIO
6 1,2-Dichloro-m-xylene					CAS #: 877-03-1		
5.730	5.030	-0.100	1007031	0.00000	0.000	00.00- 100.00	100.00
9 alpha-BHC					CAS #: 319-84-6		
7.993	7.493	-0.100	1006719	0.00000	0.000	00.00- 100.00	100.00
8 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.330	8.130	-0.100	993771.0	0.00000	0.000	00.00- 100.00	100.00
13 Heptachlor					CAS #: 76-44-8		
9.333	9.333	-0.100	3471633	0.00000	0.000	00.00- 100.00	100.00
19 Endosulfan I					CAS #: 959-98-8		
11.974	11.134	-0.100	3331019	0.00000	0.000	00.00- 100.00	100.00

RT	REP RT	SET RT	RESPONSE	AMOUNTS CAL-AMT (ng)	OU-COL (ng)	TUNER NAME	RATIO
00	-----	------	--------	------	------	----------	-----
10 Dichlorvos					CAS #: 60-97-1		
11.651	11.701	-0.140	4995310	0.04000	0.000	00.00- 130.00	100.00
30 Naled					CAS #: 72-20-8		
31.791	31.840	-0.140	1297006	0.04000	0.000	00.00- 130.00	100.00
33 4,4'-DDE					CAS #: 72-55-9		
34.130	34.180	-0.140	9560000	0.04000	0.000	00.00- 130.00	100.00
36 4,4'-DDT					CAS #: 50-29-3		
37.370	37.410	-0.140	9994650	0.04000	0.000	00.00- 130.00	100.00
39 Methoxychlor					CAS #: 72-43-5		
41.390	41.440	-0.140	0400017	0.30000	0.00	00.00- 130.00	100.00
# 40 Endrin ketone phase1					CAS #: 1051-34-3		
35.740	35.793	-0.200	3700090	0.04000	0.000	00.00- 130.00	100.00

Data File: /chem/ocm/gcs/a2hp4.i/0070610-r.b/010701501.d

Date : 06-SEP-2000 22:03

Client ID: INBWH

Sample Info: INBWH 0618

Volume Injected (uL): 1.0

Column phase: Rtx-CLP2 PESTICIDES

Instrument: a2hp4.i

Operator: 1200

Column diameter: 0.53

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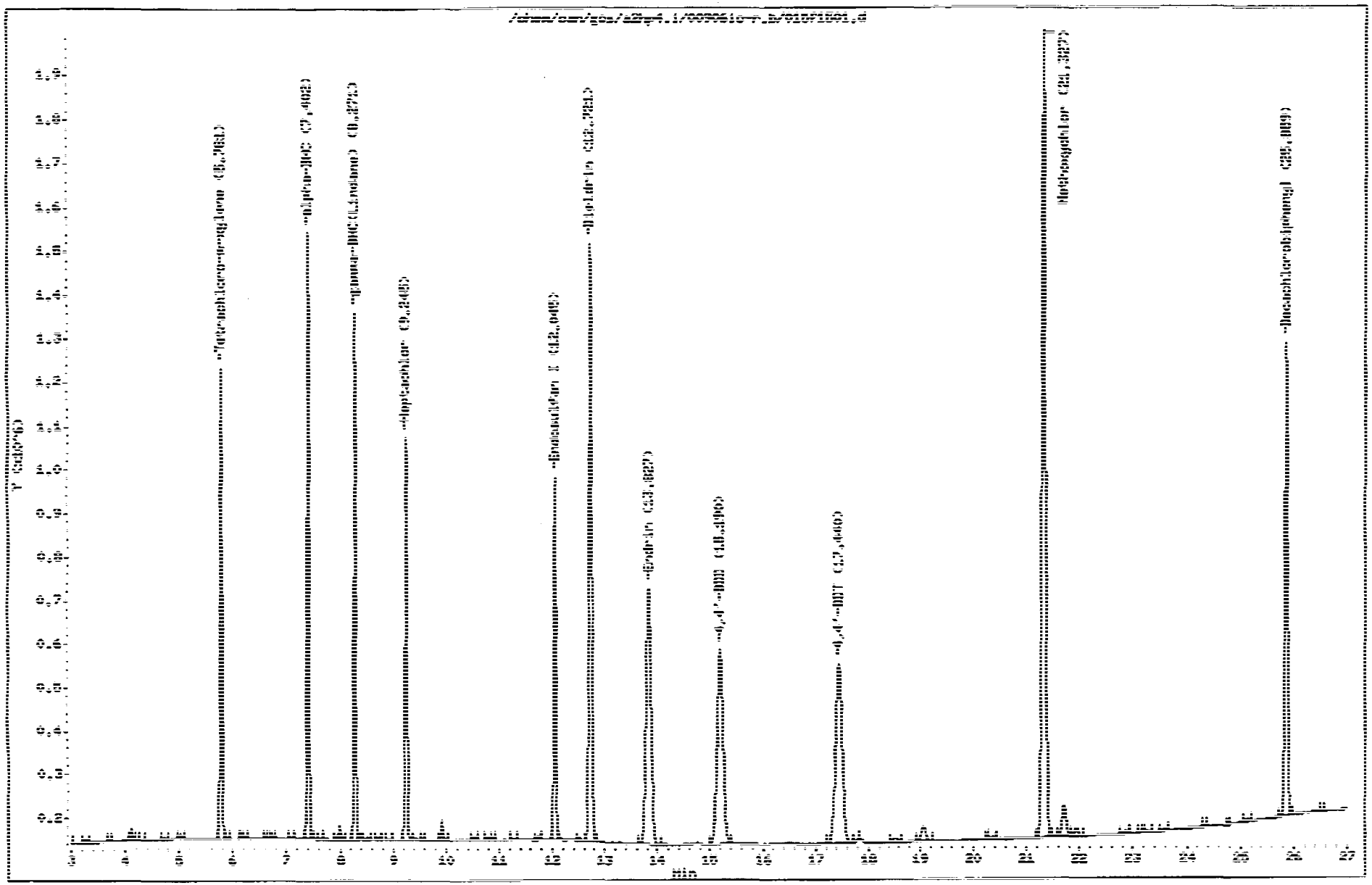


SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/can/gcms/a2hp4.i/009061c-r.b/01781701.d
Lab Smp Id: C620 Client Smp ID: INDAHI
Inj Date : 06-SEP-2000 23:06
Operator : 1808 Inst ID: a2hp4.i
Smp Info : INDAHI C620
Misc Info :
Comment :
Method : /chem/can/gcms/a2hp4.i/009061c-r.b/c1p30b.m
Meth Date : 07-Sep-2000 11:52 dempster Quant Type: ESTD
Cal Date : 06-SEP-2000 23:40 Cal File: 01781801.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

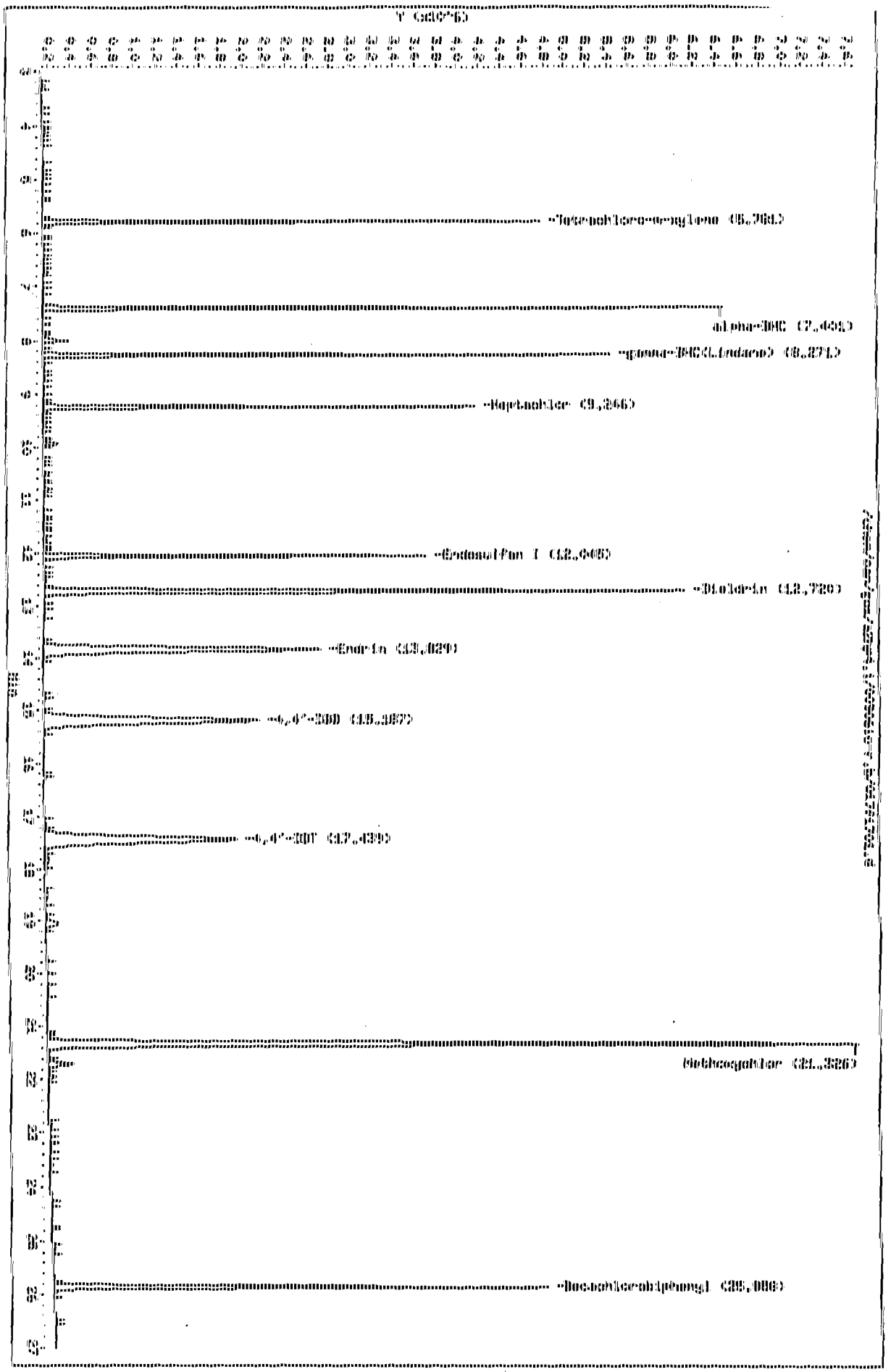
Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RE	SLA RF	Amount CM2-DNB (ug)	CM-CXB (ug)	Name Known	Matrix
4	1 Tetrachloro-m-xylene				CAS #: 877-09-8		
9.910	1.000	-0.100		1037209 0.00000	0.000	00.00- 130.00	100.00
	2 alpha-BHC				CAS #: 319-84-6		
7.151	7.221	-0.100		1000600 0.00000	0.001	00.00- 130.00	100.00
	3 gamma-BHC(Lindane)				CAS #: 58-89-9		
8.330	8.330	-0.100		1370300 0.00000	0.007	00.00- 130.00	100.00
	11 Heptachlor				CAS #: 76-44-8		
9.199	9.198	-0.100		1000600 0.00000	0.009	00.00- 130.00	100.00
	15 Endosulfan I				CAS #: 959-98-8		
11.924	13.116	-0.100		1093478 0.00000	0.009	00.00- 130.00	100.00

RT	REP RT	DET RT	RESPONSE	ng/ml	ng/ml	TARGET RANGE	RESULT
				CHL-ANT	CH-CHL		
10 Dieldrin					CAS #: 60-57-1		
13.691	13.793	-0.140	11049091	0.16000	0.10	00.00- 130.00	100.00
11 Endrin					CAS #: 72-20-8		
13.790	13.891	-0.140	16339099	0.16000	0.17	00.00- 130.00	100.00
12 4,4'-DDD					CAS #: 72-54-8		
15.130	15.230	-0.140	15033975	0.16000	0.10	00.00- 130.00	100.00
13 4,4'-DDT					CAS #: 50-29-3		
17.470	17.570	-0.140	19330470	0.16000	0.17	00.00- 130.00	100.00
14 Methoxychlor					CAS #: 72-43-5		
21.250	21.356	-0.140	33155093	0.00000	0.11	00.00- 130.00	100.00
15 Decachlorobiphenyl					CAS #: 2051-24-3		
25.750	25.959	-0.140	151.90473	0.16000	0.17	00.00- 130.00	100.00


Tetrachloro-m-xylene (8.768)
alpha-BHC (7.491)
gamma-BHC(Lindane) (8.871)
Heptachlor (9.366)
Endosulfan I (12.665)
Dieldrin (12.720)
Endrin (13.029)
4,4'-DDD (13.387)
4,4'-DDT (13.499)
Methoxychlor (21.326)
Decachlorobiphenyl (25.086)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcm/m2hp4.i/0090616-r.b/01441401.d
Lab Smp Id: C617 Client Smp ID: INDBLI
Inj Date : 06-SEP-2000 21:31
Operator : 1808 Inst ID: m2hp4.i
Smp Info : INDBLI C617
Misc Info :
Comment :
Method : /chem/ccm/gcm/m2hp4.i/0090616-r.b/clp90b.m
Meth Date : 07-Sep-2000 11:52 dompston Quant Type: ESTD
Cal Date : 06-SEP-2000 21:31 Cal File: 01441401.d
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Subset: 9-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

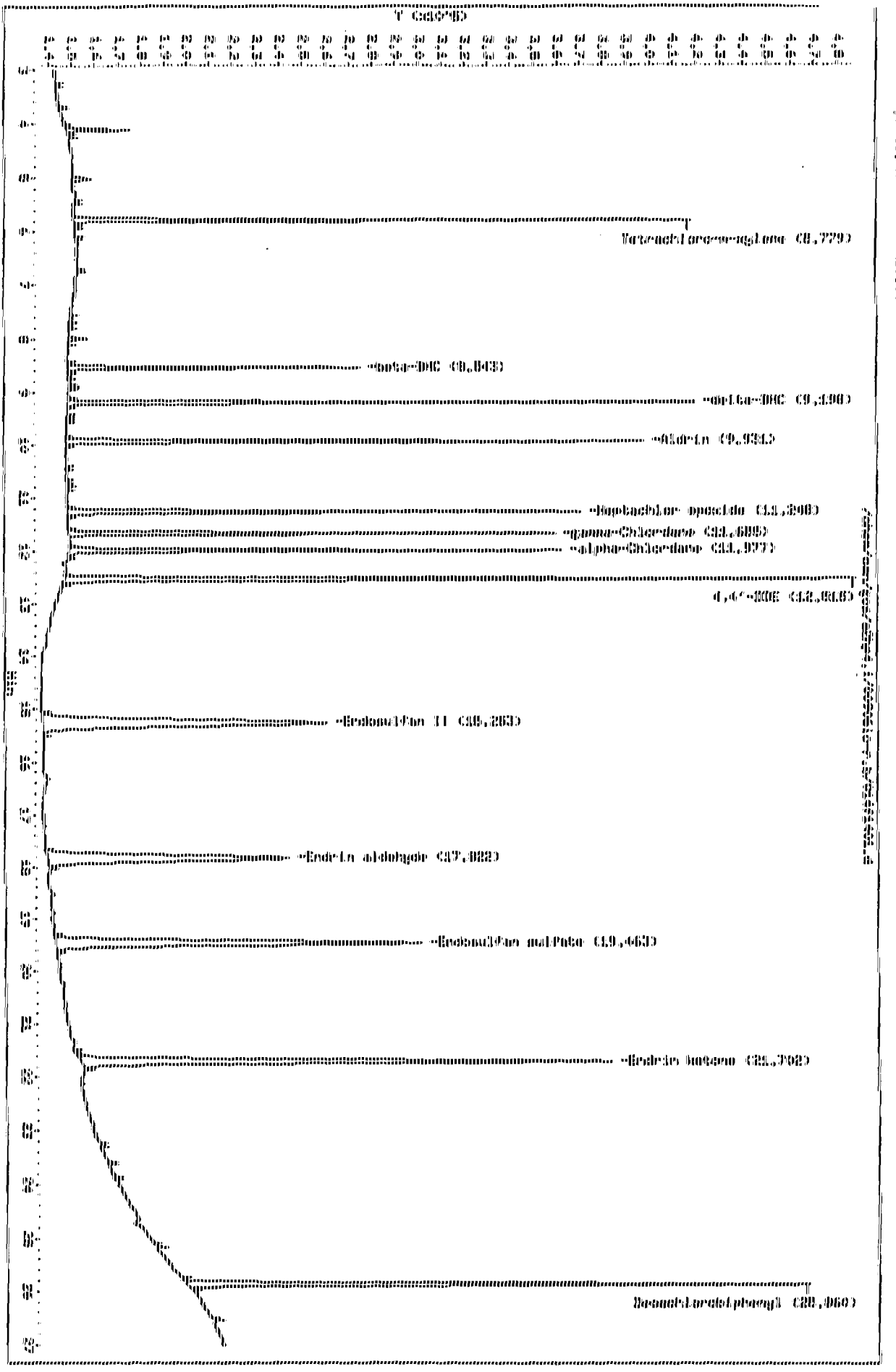
Concentration Formula: Amt * DF * WF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RT Diff	Response (cal-amt)	Conc (ng)	Response (cal-ccx)	Conc (ng)	Target range	Qual
13 Aldrin					CAS #: 309-00-2			
9.003	0.341	-0.300	697448	0.00900	0.0043	00.00- 330.00	100.00	
7 beta-BHC					CAS #: 319-85-7			
8.441	0.993	-0.100	334337	0.00500	0.0040	00.00- 130.00	100.00	
9 delta-BHC					CAS #: 319-86-8			
9.160	0.346	-0.100	686446	0.00900	0.0064	00.00- 330.00	100.00	
19 Heptachlor epoxide					CAS #: 1024-57-3			
11.376	11.110	-0.140	663013	0.00400	0.0049	00.00- 130.00	100.00	
24 gamma-Chlordane					CAS #: 5103-74-2			
13.406	11.734	-0.100	470433	0.00500	0.0066	00.00- 130.00	100.00	

RT	RRT	RT	DLY RT	AREA	CAL-AMT (ng)	CON-CON (ng)	TARGET RANGE	RATIO
37	alpha-Chlordane					CAS #: 5103-71-9		
13.900	13.600	-0.340		593316	0.00500	0.0466	80.00- 120.00	100.00
39	4,4'-DDE					CAS #: 72-55-9		
33.444	33.504	-0.140		1091130	0.01000	0.0084	00.00- 130.00	100.00
33	Endosulfan II					CAS #: 33213-65-9		
15.103	15.313	-0.140		1050533	0.01000	0.0099	00.00- 130.00	100.00
34	Endrin aldehyde					CAS #: 7421-93-4		
37.793	37.493	-0.340		040190	0.01000	0.033	00.00- 130.00	100.00
35	Endosulfan sulfate					CAS #: 1031-07-8		
19.309	19.319	-0.140		997074	0.01000	0.010	00.00- 130.00	100.00
36	Endrin ketone					CAS #: 53494-70-5		
31.631	31.771	-0.140		1133306	0.01000	0.033	00.00- 130.00	100.00
4	3 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.030	-0.100		010966	0.00500	0.0049	00.00- 130.00	100.00
6	30 Decachlorobiphenyl					CAS #: 2051-24-3		
29.799	29.099	-0.300		023733	0.01000	0.030	00.00- 130.00	100.00


Trans-Chlordane (8.779)
beta-BHC (9.843)
delta-BHC (9.490)
Aldrin (9.931)
Heptachlor epoxide (11.308)
gamma-Chlordane (11.699)
alpha-Chlordane (11.977)
4,4'-DDE (12.816)
Endosulfan II (15.263)
Endrin aldehyde (17.822)
Endosulfan sulfate (19.463)
Endrin ketone (21.702)
Decachlorobiphenyl (28.060)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m23ap4.i/009061c-x.b/01611601.d
Lab Smp Id: C619 Client Smp ID: INDDMI
Inj Date : 06-SEP-2000 22:36
Operator : 1808 Inst ID: m23ap4.i
Smp Info : INDDMI C619
Misc Info :
Comment :
Method : /chem/ms/gcms/m23ap4.i/009061c-x.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dempsteos Quant Type: ESTD
Cal Date : 06-SEP-2000 22:36 Cal File: 01611601.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 9-INDD.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

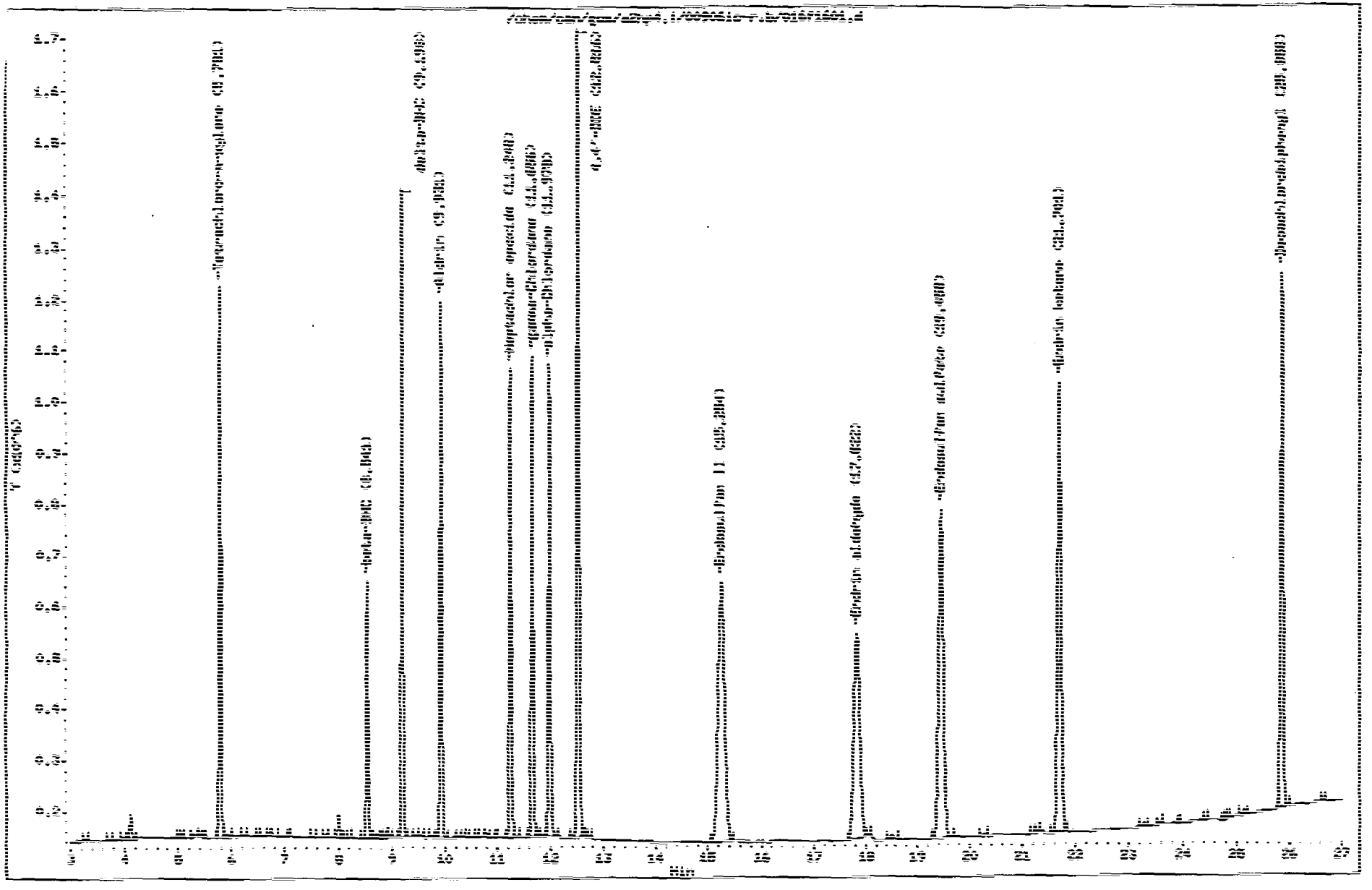
Spad Variable Local Compound Variable

RT	RRT	RST RT	Response (area)	Conc-AMT (ug)	Conc-COL (ug)	Response Factor	Match
13 Alpha					Cas #: 319-84-6		
9.001	0.903	-0.340	109944	0.00000	0.000	00.00- 130.00	100.00
7 beta-BHC					Cas #: 319-85-7		
9.401	0.931	-0.100	139773	0.00000	0.000	00.00- 130.00	100.00
9 delta-BHC					Cas #: 319-86-8		
9.940	0.940	-0.100	337000	0.00000	0.000	00.00- 330.00	100.00
13 Heptachlor epoxide					Cas #: 1024-57-3		
11.370	11.030	-0.340	109441	0.00000	0.000	00.00- 130.00	100.00
14 gamma-Chlordane					Cas #: 5103-74-2		
11.406	11.066	-0.160	180111	0.00000	0.000	00.00- 130.00	100.00

RT	REF RT	DLT RT	BIBLIOGRAPHY	CAL-AMT (ng)	CO-CCS (ng)	TARGET RANGE	MATCH
17 alpha-Chlordane					CAS #: 5103-71-9		
11.900	11.840	-0.140	3476444	0.02000	0.020	80.00- 120.00	100.00
19 4,4'-DDE					CAS #: 72-55-9		
13.646	13.506	-0.140	4970004	0.04000	0.040	80.00- 120.00	100.00
21 Endosulfan II					CAS #: 33213-65-9		
14.143	14.003	-0.140	4343331	0.04000	0.040	80.00- 120.00	100.00
24 Endrin aldehyde					CAS #: 7421-93-4		
17.759	17.619	-0.140	1107445	0.02000	0.020	80.00- 120.00	100.00
25 Endosulfan sulfate					CAS #: 1031-07-8		
19.109	18.969	-0.140	3903463	0.04000	0.040	80.00- 120.00	100.00
30 Endrin ketone					CAS #: 53494-70-5		
21.411	21.271	-0.140	4110304	0.04000	0.040	80.00- 120.00	100.00
8 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
9.790	9.650	-0.140	3603101	0.02000	0.020	80.00- 120.00	100.00
6 30 Decachlorobiphenyl					CAS #: 2051-24-3		
22.799	22.659	-0.140	2973703	0.04000	0.040	80.00- 120.00	100.00

Data File: /chem/ccn/gcms/dbp4.i/0090616-7.b/01671601.d
Date : 06-SEP-2000 22:36
Client ID: INBWH
Sample Info: INBWH 0619
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PESTICIDE

Instrument: dbp4.i
Operator: 1000
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp4.1/009061c-r.b/01081801.d
Lab Smp Id: C621 Client Smp ID: INDBH1
Inj Date : 06-SEP-2000 23:40
Operator : 1806 Inst ID: m2hp4.1
Smp Info : INDBH1 C621
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp4.1/009061c-r.b/clp30b.m
Meth Date : 07-Sep-2000 11:52 dompston Quant Type: ISTD
Cal Date : 06-SEP-2000 13:40 Cal File: 01081801.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Finnigan Compound Suboptimal: 9-INDB.mub
Target Version: 3.50 Sample Matrix: WATER

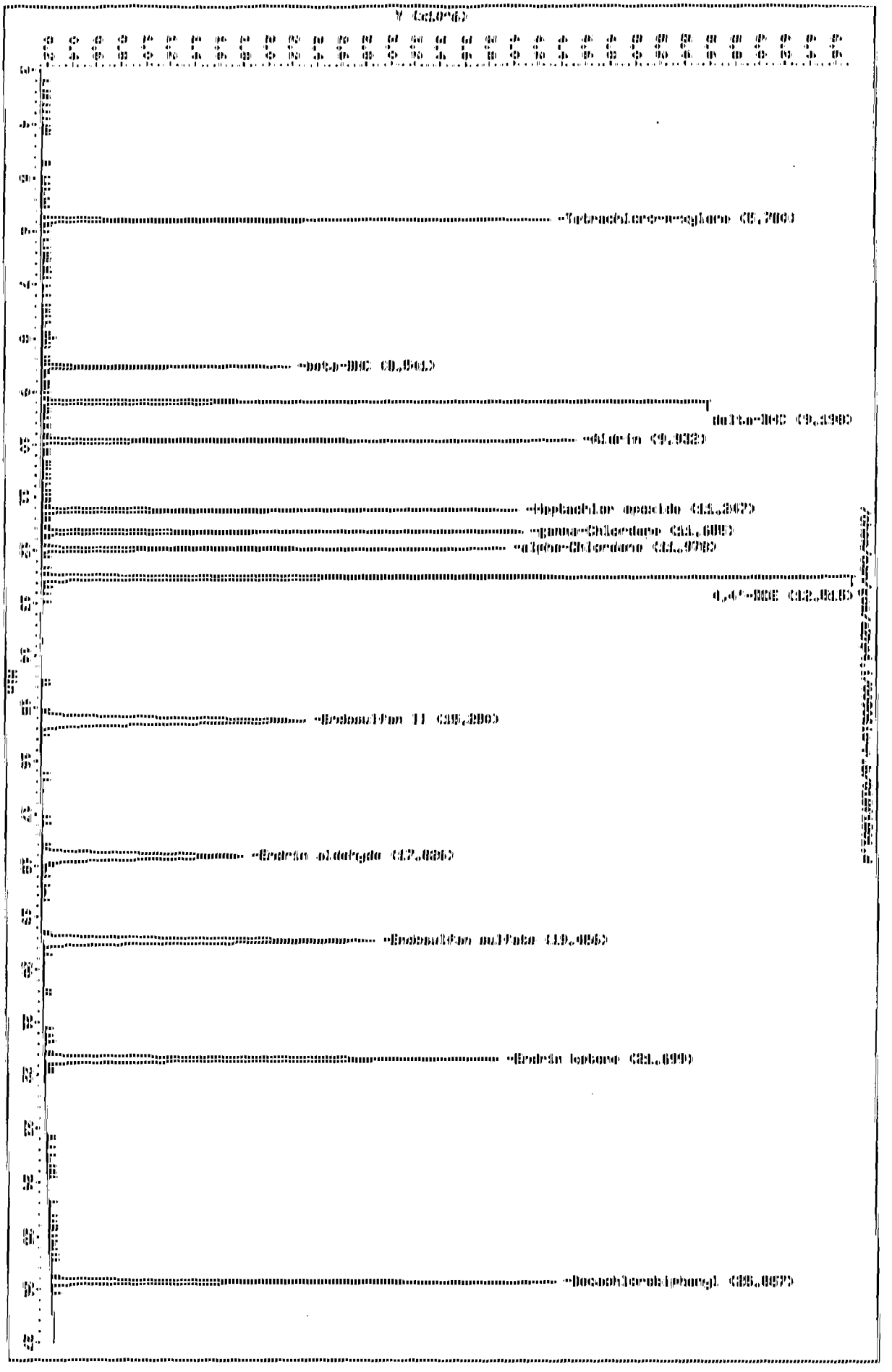
Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RAT	RF	Amount (ug/L)	CAS-NUM (ug)	CAS-SYL (ug)	Target Range	Qual
13 Alkalin						CAS #: 903-80-3		
9.401	0.901	-0.100		3377.003	0.00000	0.003	00.00- 130.00	100.00
7 beta-BHC						CAS #: 319-85-7		
8.493	0.901	-0.100		4903.053	0.00000	0.070	00.00- 130.00	100.00
9 delta-BHC						CAS #: 319-86-8		
9.340	0.904	-0.100		3900.010	0.00000	0.007	00.00- 130.00	100.00
11 Heptachlor epoxide						CAS #: 1024-57-3		
11.170	11.310	-0.140		3013.110	0.00000	0.003	00.00- 130.00	100.00
16 gamma-Chlordane						CAS #: 5103-74-2		
11.904	11.726	-0.160		1003.160	0.00000	0.004	00.00- 130.00	100.00

RT	RRT	RT	SLR RT	AREPCENT	CAL-MET (ng)	CH-COL (ng)	RANGE	RANGE	RATIO
37 alpha-Chlordane						CAS # 5103-71-9			
31.900	12.040	-0.100		1064197	0.01000	0.001	00.00-	130.00	100.00
39 4,4'-DDE						CAS # 72-55-9			
12.446	33.506	-0.140		11133463	0.16000	0.17	60.00-	330.00	100.00
41 Endosulfan II						CAS # 33213-65-9			
19.103	15.331	-0.100		1799000	0.16000	0.17	00.00-	130.00	100.00
46 Endrin aldehyde						CAS # 7421-93-4			
17.793	17.493	-0.300		3303669	0.16000	0.16	60.00-	330.00	100.00
49 Endosulfan sulfate						CAS # 1031-07-8			
19.300	10.930	-0.100		1636633	0.16000	0.16	00.00-	130.00	100.00
50 Endrin ketone						CAS # 53494-70-5			
21.631	23.771	-0.340		3000339	0.16000	0.16	00.00-	130.00	100.00
4 3 Tetrachloro-m-xylene						CAS # 877-09-8			
5.730	4.030	-0.100		9903930	0.00400	0.016	00.00-	130.00	100.00
9 10 Decachlorobiphenyl						CAS # 2051-24-3			
16.799	18.959	-0.200		3340633	0.16000	0.19	00.00-	130.00	100.00


Tetrachloro-m-xylene (5.700)
beta-BHC (8.941)
delta-BHC (9.198)
dieldrin (9.932)
Heptachlor epoxide (11.367)
gamma-Chlordane (11.605)
alpha-Chlordane (11.908)
4,4'-DDE (12.848)
Endosulfan II (15.290)
Endrin aldehyde (17.836)
Endosulfan sulfate (19.086)
Endrin ketone (21.699)
Decachlorobiphenyl (25.057)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcms/m22bp3.i/010131c.b/01321301.d
Lab Smp Id: C616 Client Smp ID: XNDA11
Inj Date : 12-OCT-2000 22:00
Operator : 001754 Inst ID: m22bp3.i
Smp Info : XNDA11
Misc Info :
Comment :
Method : /chem/ems/gcms/m22bp3.i/010131c.b/clp90n.m
Meth Date : 24-Oct-2000 01:42 kumbexr Quant Type: ESTD
Cal Date : 12-OCT-2000 22:37 Cal File: 01421401.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Finnigan Compound Table: 7-XNDA.mtb
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spad Variable Local Compound Variable

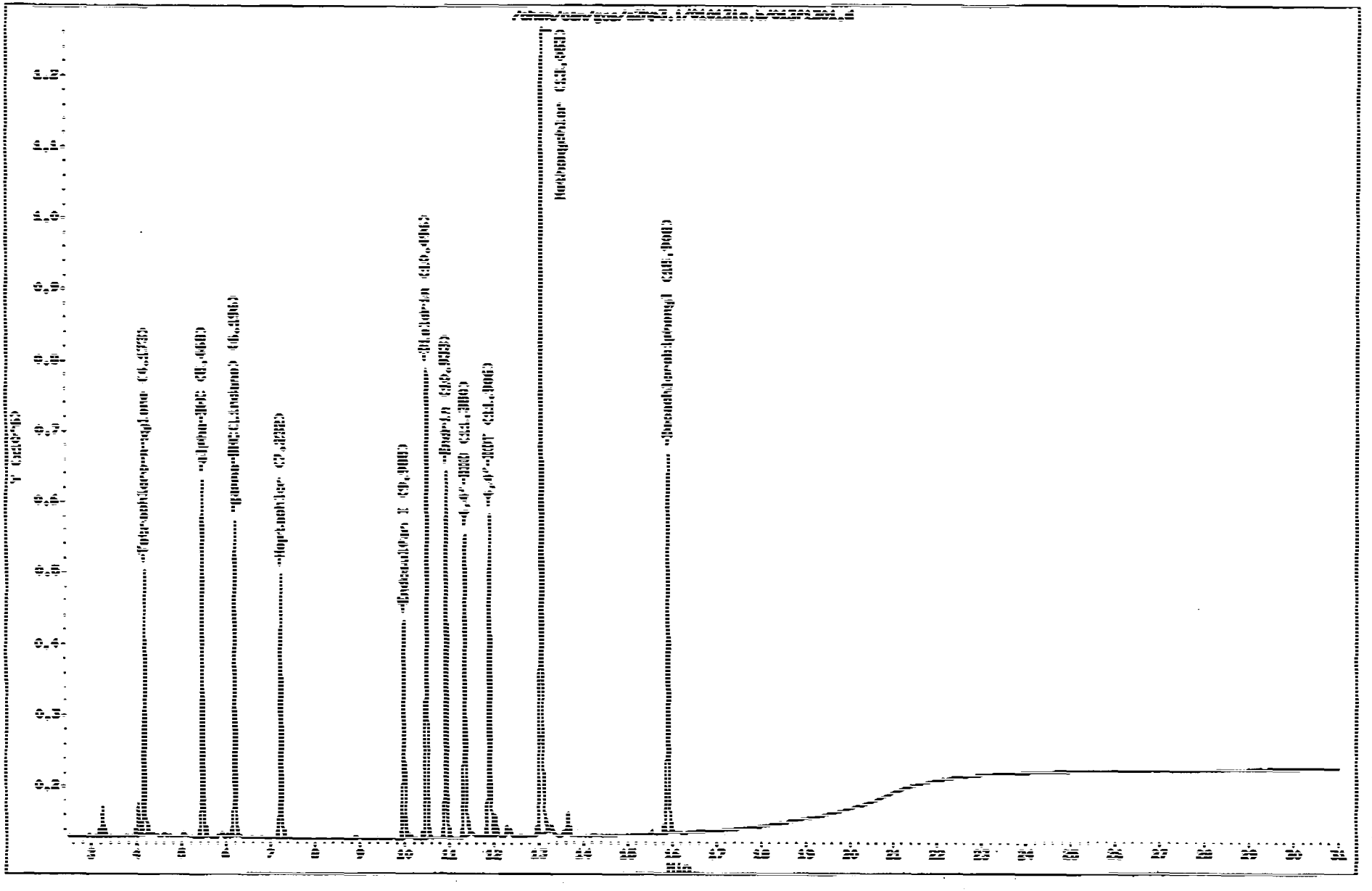
RT	RRT	RES	RT	Amount (ug/L)	Amount (ug/g)	Error	Range	Ratio
6	1 Tetrachloro-m-xylene				CAS #: 877-09-8			
6.133	6.333	-0.100		033733 0.00000	0.0044	00.00- 130.00	100.00	
8 alpha-BHC					CAS #: 319-84-6			
8.630	8.811	-0.100		1110003 0.00000	0.0046	00.00- 130.00	100.00	
9 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.349	8.365	-0.100		1110013 0.00000	0.0048	00.00- 130.00	100.00	
9 Heptachlor					CAS #: 76-44-8			
7.343	7.343	-0.100		1090079 0.00000	0.0067	00.00- 130.00	100.00	
31 Endosulfan I					CAS #: 959-98-8			
9.916	10.094	-0.100		094074 0.00000	0.0047	00.00- 130.00	100.00	

[illegible]

					CAL-MIN	CH-COL			
RT	EXP RT	DLT RT		AREA	(ng)	(ng)	TARGET RANGE		RATIO
----	------	------		------	------	------	----------		-----
10 Bicyclohexane						CAS # 110-97-1			
10.027	10.007	-0.160		1073000	0.01000	0.0090	00.00-	100.00	100.00
11 Butanone						CAS # 78-93-3			
10.063	11.003	-0.160		1031003	0.01000	0.0093	00.00-	100.00	100.00
12 4,4'-DDE						CAS # 72-55-9			
11.379	11.010	-0.160		1331001	0.01000	0.0007	00.00-	100.00	100.00
13 4,4'-DDT						CAS # 50-29-3			
11.094	11.374	-0.160		1301101	0.01000	0.0090	00.00-	100.00	100.00
14 Methanethiol,ox						CAS # 75-41-0			
11.003	13.331	-0.160		0000000	0.00000	0.000	00.00-	100.00	100.00
0 15 Benzhlcarbphenyl						CAS # 3001-90-1			
11.000	16.000	-0.300		1000000	0.01000	0.011	00.00-	100.00	100.00

Data File: /chem/ccv/gcs/a8ip3.i/0101310.b/013F1301.d
Date : 12-OCT-2000 22:00
Client ID: HCB1
Sample Info: HCB1
Volume Injected (uL): 1.0
Column phase: Rtx-CLPESTICIDES

Instrument: a8ip3.i
Operator: 001754
Column diameter: 0.53



BETHEL TEKNT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcm/m2kp3.i/010131e.b/01561501.d
Lab Smp Id: C61B Client Smp ID: INDAMI
Inj Date : 13-OCT-2000 23:14
Operator : 001754 Inst ID: m2kp3.i
Smp Info : INDAMI
Misc Info :
Comment :
Method : /chem/ems/gcm/m2kp3.i/010131e.b/c1p30n.m
Meth Date : 24-Oct-2000 01:42 kantzer Quant Type: ESTD
Cal Date : 13-OCT-2000 23:52 Cal File: 01611601.d
Mul Setting: 15 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Table: 7-INDA.mab
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WI * Vt/(Vo * VI) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WI	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
VI	1.00000	Volume injected (mL)

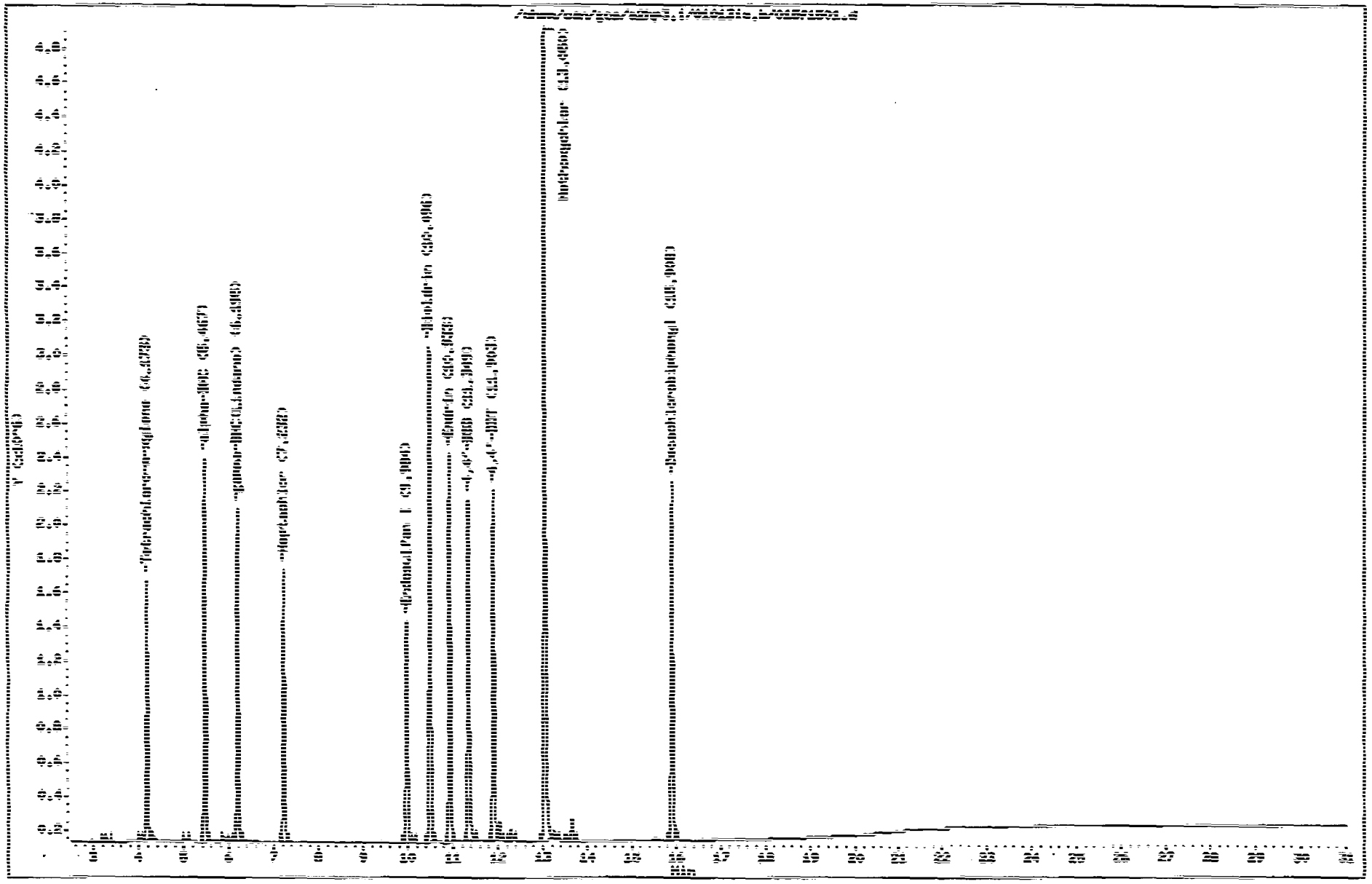
Cpnd Variable Local Compound Variable

RT	RRT	RE	RRF RT	Response	Conc (ug)	Conc (ug)	Tailing Factor	Purity
				Amounts				
0	1 Heptachlor-epoxide				CM 0: 877-00-0			
4.133	6.333	-0.100		991639	0.03000	0.030	00.00- 130.00	100.00
8 alpha-BHC					CM 0: 319-00-8			
5.033	9.310	-0.100		880907	0.03000	0.030	00.00- 130.00	100.00
9 gamma-BHC (Lindane)					CM 0: 58-89-9			
6.366	6.369	-0.100		893767	0.03000	0.030	00.00- 130.00	100.00
9 Heptachlor					CM 0: 76-44-8			
7.103	7.303	-0.100		897733	0.03000	0.030	00.00- 130.00	100.00
10 Endosulfan I					CM 0: 959-98-8			
9.033	10.033	-0.100		903003	0.03000	0.030	00.00- 130.00	100.00

RT	RRT	RRF RT	RESPONSE	AMOUNTS CM-.003 (ng)	OM-CCC (ng)	TARGET RANGE	BASE
10							
19 Bromoform					CAS #: 00-07-1		
10.437	30.567	-0.140	0393360	0.00000	0.000	00.00- 130.00	100.00
20 Indole					CAS #: 73-30-0		
10.443	31.003	-0.140	0843707	0.00000	0.000	00.00- 130.00	100.00
21 4,4'-DDE					CAS #: 72-00-0		
11.379	31.033	-0.100	0333093	0.00000	0.000	00.00- 130.00	100.00
22 4,4'-DDT					CAS #: 00-33-1		
11.000	31.974	-0.160	0333063	0.00000	0.000	00.00- 130.00	100.00
23 Methoxychlor					CAS #: 72-43-5		
11.001	13.331	-0.160	1097004	0.00000	0.00	00.00- 130.00	100.00
8 24 Decachlorobiphenyl					CAS #: 2051-20-3		
11.000	16.000	-0.300	0003033	0.00000	0.000	00.00- 130.00	100.00

Data File: /chem/ms/gcms/ms3.1/010310.b/0107501.d
Date : 12-OCT-2000 23:14
Client ID: INDOOR
Sample Info: INDOOR
Volume Injected (uL): 1.0
Column Phase: Rtx-CLPESTICIDES

Instrument: ms3.1
Operator: ewiTM
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m3hp3.i/010131c.b/01781701.d
Lab Smp Id: C620 Client Smp ID: ZZZZZZZ
Inj Date : 13-OCT-2000 00:39
Operator : 001754 Inst ID: m3hp3.i
Smp Info : ZZZZZZZ
Misc Info :
Command :
Method : /chem/ms/gcms/m3hp3.i/010131c.b/c1p30n.m
Meth Date : 24-Oct-2000 01:43 Quantex Quant Type: ISTD
Cal Date : 13-OCT-2000 01:06 Cal File: 01781801.d
Als bottle: 17 Calibration Sample, Level: 3
DIL Factor: 1.00000
Integrator: Falcon Compound Suffix: 7-ZZZZZ.rub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpecVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spec. Variable Local Compound Variable

RT	REL RT	RRT RT	Response (area)	Response (ng)	Response (ng/ml)	Name	Match
0						1, 2-Dichloro-n-propane CAS #: 077-99-0	
4.133	0.333	-0.100	10000003	0.00000	0.079	00.00- 330.00	100.00
8 alpha-BHC CAS #: 319-84-6							
9.030	0.910	-0.100	00007777	0.00000	0.001	00.00- 330.00	100.00
7 gamma-BHC (Lindane) CAS #: 58-89-9							
9.103	0.349	-0.100	00011330	0.00000	0.003	00.00- 330.00	100.00
9 Heptachlor CAS #: 76-44-8							
7.303	7.303	-0.100	10001739	0.00000	0.003	00.00- 330.00	100.00
19 Endosulfan II CAS #: 959-98-8							
10.904	10.900	-0.100	10006733	0.00000	0.003	00.00- 330.00	100.00

AMOUNTS

RT	RRT	RCF	RF	UNKNOWN	CAS-NUM (ug)	NON-CAS (ug)	TARGET NAME	AMOUNT
19	Methanol					CAS # 67-56-1		
10.637	10.567	-0.340		33339937	0.16000	0.16	00.00- 130.00	100.00
21	Indole					CAS # 73-20-3		
10.001	11.903	-0.340		36663360	0.16000	0.16	00.00- 130.00	100.00
24	4,6'-DDD					CAS # 72-54-8		
11.399	11.419	-0.340		33903499	0.16000	0.16	00.00- 130.00	100.00
29	4,6'-DDE					CAS # 50-29-3		
11.034	11.074	-0.340		33933019	0.16000	0.16	00.00- 130.00	100.00
30	Methanphthlene					CAS # 72-43-5		
13.901	13.133	-0.340		33660041	0.00000	0.76	00.00- 130.00	100.00
30	Benzhydroxdiphenyl					CAS # 3083-34-9		
16.000	16.000	-0.340		34996340	0.16000	0.16	00.00- 130.00	100.00

Tetrachloro-m-xylene (6.133)
alpha-BHC (8.667)
gamma-BHC(Lindane) (6.196)
Heptachlor (7.333)
Aldrin/Par I (9.900)
Dieldrin (10.400)
Endrin (10.934)
4,4'-DDD (11.300)
4,4'-DDT (11.900)
Methoxychlor (13.049)
Decachlorobiphenyl (18.967)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcm/m2hp3.i/010131c.b/01421401.d
Lab Smp Id: C617 Client Smp ID: INDBL1
Inj Date : 12-OCT-2000 22:37
Operator : 001754 Inst ID: m2hp3.i
Smp Info : INDBL1
Misc Info :
Comment :
Method : /chem/ms/gcm/m2hp3.i/010131c.b/c1p30n.m
Meth Date : 24-Oct-2000 01:42 Instrument Quant Type: ESTD
Cal Date : 12-OCT-2000 22:37 Cal File: 01421401.d
Als bottle: 14 Calibration Sample, Level: 1
DIL Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * DE * Vt/(Vo * Vi) * CpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
DE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpad Variable Local Compound Variable

RT	RRT	RRF	RF	Response (ng)	Response (ng)	Amount Found	Range
10 Alkane					CAS #: 593-90-3		
7.999	0.000	-0.300		000941	0.00000 0.0043	00.00- 130.00	100.00
13 beta-BHC					CAS #: 319-00-7		
8.633	0.933	-0.300		000301	0.00000 0.0044	00.00- 130.00	100.00
15 delta-BHC					CAS #: 319-86-8		
8.709	0.969	-0.300		000301	0.00000 0.0043	00.00- 130.00	100.00
16 Heptachlor epoxide					CAS #: 1024-57-3		
9.339	1.379	-0.300		000793	0.00000 0.0046	00.00- 130.00	100.00
18 gamma-Chlordane					CAS #: 5103-74-2		
9.407	1.407	-0.300		000449	0.00000 0.0046	00.00- 130.00	100.00

RT	RRT	RRF	RF	Response	Amount (ug)	Amount (ug)	Tenuate	Name	Match
37	alpha-Chlordane					CAS #:	5103-71-9		
9.401	0.033	-0.340		977193	0.00000	0.0007	00.00	130.00	100.00
38	6,7-DDT					CAS #:	72-55-9		
10.090	10.390	-0.100		1700333	0.01000	0.0007	00.00	130.00	100.00
39	Endosulfan II					CAS #:	33213-65-9		
11.999	11.479	-0.140		1603791	0.01000	0.0001	00.00	130.00	100.00
40	Endrin aldehyde					CAS #:	7421-93-4		
12.333	12.163	-0.340		1310716	0.01000	0.0001	00.00	130.00	100.00
41	Endosulfan sulfate					CAS #:	1031-07-8		
13.095	13.399	-0.340		1339169	0.01000	0.0003	00.00	130.00	100.00
42	Endrin ketone					CAS #:	53494-70-5		
13.390	13.730	-0.100		1743993	0.01000	0.0003	00.00	130.00	100.00
43	4,4'-Methoxychlor					CAS #:	72-43-5		
14.193	14.333	-0.300		879993	0.00000	0.0007	00.00	130.00	100.00
44	Methoxychlor dehydrogenated					CAS #:	3001-31-9		
15.000	14.900	-0.200		1097336	0.01000	0.010	00.00	130.00	100.00

Tetrachloro-m-xylene (4.172)
beta-BHC (6.672)
delta-BHC (6.919)
Mirex (7.906)
Heptachlor epoxide (9.899)
gamma-Chlordane (9.977)
alpha-Chlordane (10.262)
4,4'-DDE (10.127)
Endosulfan II (11.466)
Endrin aldehyde (12.294)
Endosulfan sulfate (11.166)
Endrin ketone (11.460)
Decachlorobiphenyl (11.900)

ENVIRON TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/010131c.b/01611601.d
Lab Sap Id: C619 Client Sap ID: IN0DMC
Inj Date : 13-OCT-2000 23:53
Operator : 001754 Inst ID: m2hp3.i
Sap Info : IN0DMC
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/010131c.b/c1p30m.m
Meth Date : 24-Oct-2000 01:42 kantzer Quant Type: ESTD
Cal Date : 13-OCT-2000 23:53 Cal File: 01611601.d
Min Setting: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Table: 8-IN0DB.mub
Target Version: 3.50 Sample Matrix: WATER

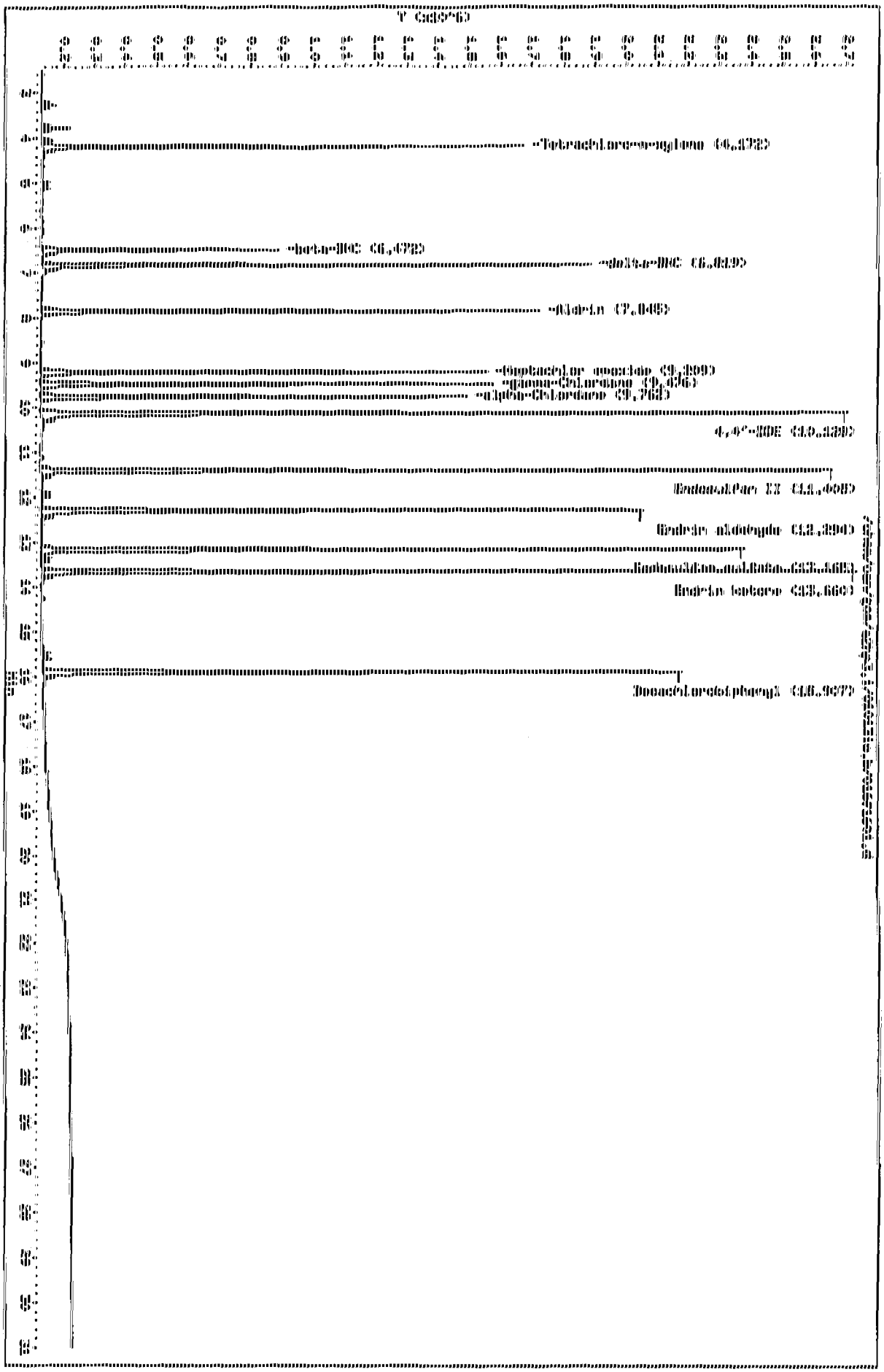
Concentration Formula: Amt * DF * VE * Vt/(Vo * Vi) * CpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
VE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpad Variable Local Compound Variable

RT	RRT	RRT	Response	Amount (ng)	Amount (ng)	Range	Name
10 Aldrin					CAS 0: 309-00-2		
7.796	7.093	-0.100	0441103	0.03600	0.030	00.00- 130.00	300.00
11 beta-BHC					CAS 0: 319-00-7		
8.633	8.313	-0.100	3070700	0.03000	0.030	00.00- 130.00	300.00
12 delta-BHC					CAS 0: 319-00-8		
8.703	8.369	-0.100	4055003	0.03000	0.030	00.00- 130.00	300.00
14 Heptachlor epoxide					CAS 0: 1024-57-3		
9.330	9.379	-0.340	4000000	0.03000	0.030	00.00- 130.00	100.00
16 gamma-Chlordane					CAS 0: 5103-74-2		
9.407	9.367	-0.340	6393007	0.03000	0.030	00.00- 130.00	100.00

RT	REP RT	REL RT	AREA	AMOUNT (ng)	CAS#	TENTAT NAME	MATCH
37	alpha-Chlordane				CAS# 5103-71-9		
9.001	9.031	-0.340	1983311	0.03000	0.000	00.00- 130.00	100.00
38	6,7-DDE				CAS# 72-55-9		
10.050	10.190	-0.340	7097369	0.06000	0.000	00.00- 130.00	100.00
39	Endosulfan II				CAS# 33213-65-9		
11.346	11.679	-0.340	7900301	0.06000	0.000	00.00- 130.00	100.00
40	Endrin aldehyde				CAS# 7421-93-4		
11.333	11.363	-0.340	3798317	0.06000	0.000	00.00- 130.00	100.00
41	Endosulfan sulfate				CAS# 1031-07-8		
11.606	11.633	-0.160	6663166	0.06000	0.000	00.00- 130.00	100.00
42	Endrin ketone				CAS# 53494-70-5		
11.890	12.719	-0.160	7997793	0.06000	0.000	00.00- 130.00	100.00
0	1,2-Octachloro-m-xylene				CAS# 877-09-8		
4.133	4.133	-0.100	373-6033	0.02000	0.000	00.00- 130.00	100.00
0	10 Decachlorobiphenyl				CAS# 2051-24-3		
15.000	16.000	-0.300	6340990	0.04000	0.000	00.00- 130.00	100.00


Tetrachloro-m-xylene (4.432)
beta-BHC (6.672)
delta-BHC (6.829)
Aldrin (7.045)
Heptachlor epoxide (9.899)
gamma-Chlordane (9.976)
alpha-Chlordane (9.763)
4,4'-DDE (10.339)
Endosulfan II (11.408)
Endrin aldehyde (12.294)
Endosulfan sulfate (13.463)
Endrin ketone (13.669)
Decachlorobiphenyl (16.977)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m22bp3.i/010131e.b/01001001.d
Lab Smp Id: C621 Client Smp ID: 1X0BK1
Inj Date : 13-OCT-2000 01:06
Operator : 001754 Inst ID: m22bp3.i
Smp Info : 1X0BK1
Misc Info :
Comment :
Method : /chem/ms/gcms/m22bp3.i/010131e.b/c1p30n.m
Meth Date : 24-Oct-2000 01:42 kmatson Quant Type: ISTD
Cal Date : 13-OCT-2000 01:06 Cal File: 01001001.d
Als bottle: 18 Calibration Sample, Level: 3
DF: Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-XXXB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRT RT	response	response (ng/ug)	response (ng/ug)	Target range	Qvalue
10 Alkane					CAS #: 300-00-3		
7.700	7.099	-0.100	1700138	0.00000	0.000	00.00- 130.00	100.00
11 Benz-ane					CAS #: 113-00-7		
8.033	8.933	-0.100	700003	0.00000	0.070	00.00- 130.00	100.00
15 Delta-ane					CAS #: 333-00-4		
8.703	8.009	-0.100	3337200	0.00000	0.000	00.00- 130.00	100.00
16 Naphthalene epoxide					CAS #: 3006-97-5		
9.330	9.379	-0.340	3306700	0.00000	0.070	00.00- 130.00	100.00
18 gamma-Chlordane					CAS #: 5103-74-2		
9.407	9.007	-0.340	1600003	0.00000	0.000	00.00- 130.00	100.00

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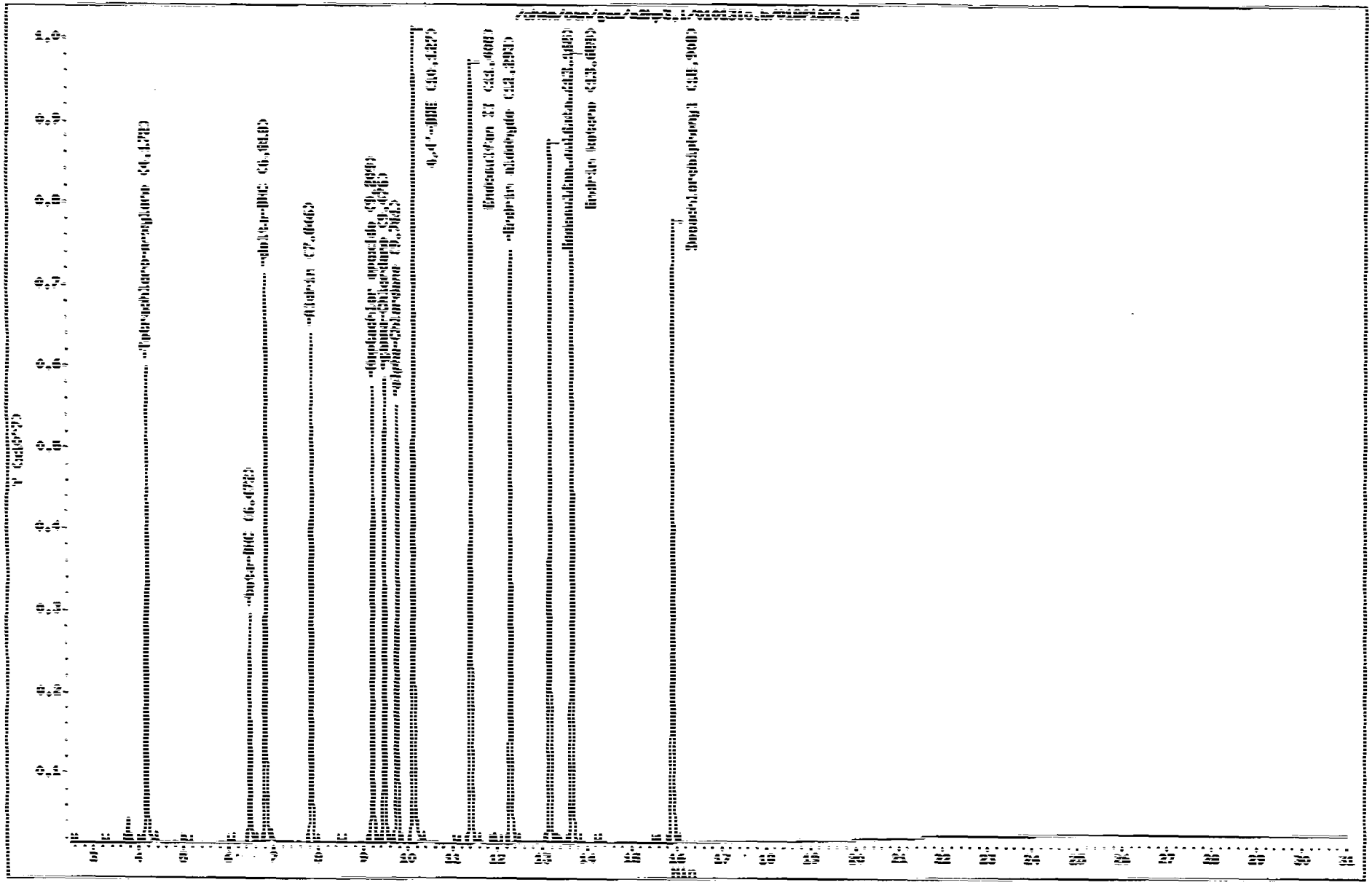
RT	RRT	RT	RRT	Response	CAL-AMT (ug)	OU-CAL (ug)	Target Range	Max
17 alpha-Chlordane						CAS 0: 5103-71-9		
8.891	0.891	-0.340		3966300	0.00000	0.079	00.00- 120.00	100.00
18 4,4'-DDE						CAS 0: 72-55-9		
10.091	10.190	-0.340		3333448	0.16000	0.16	00.00- 120.00	100.00
19 Endosulfan II						CAS 0: 33213-65-9		
11.999	11.079	-0.340		3966319	0.16000	0.15	00.00- 120.00	100.00
20 Endrin aldehyde						CAS 0: 7421-93-4		
12.333	12.103	-0.340		3196991	0.16000	0.15	00.00- 120.00	100.00
21 Endosulfan sulfate						CAS 0: 1031-07-8		
13.095	13.199	-0.340		3663996	0.16000	0.15	00.00- 120.00	100.00
22 Endrin ketone						CAS 0: 53494-70-5		
13.999	13.796	-0.340		3003773	0.16000	0.15	00.00- 120.00	100.00
# 1 Tetrachloro-m-xylene						CAS 0: 877-09-8		
6.333	6.333	-0.100		1693873	0.00000	0.077	00.00- 120.00	100.00
# 2 Decachlorobiphenyl						CAS 0: 2051-24-3		
13.090	16.001	-0.300		3977369	0.16000	0.19	00.00- 120.00	100.00

Data File: /chem/ms/gcs/a2q3.i/0101310.b/0101001.d
Date : 13-OCT-2000 01:06
Client ID: 0000W
Sample Info: 0000W
Volume Injected (ul): 1.0
Column phase: Rtx-CLP(PESTICIDES
Instrument: a2q3.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcms/m2kp3.i/010131e-r.b/01311301.d
Lab Smp Id: 6616 Client Smp ID: IKMAIL
Inj Date : 13-OCT-2000 23:00
Operator : 001754 Inst ID: m2kp3.i
Smp Info : IKMAIL
Misc Info :
Comment :
Method : /chem/ems/gcms/m2kp3.i/010131e-r.b/e1p30b.m
Meth Date : 16-Oct-2000 08:20 dempsten Quant Type: ISTD
Cal Date : 12-OCT-2000 23:37 Cal File: 01411401.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Finnigan Compound Suffix: 8-IKMA.mub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WT * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WT	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRF	RF	Response	Conc-Int (ug)	Conc-Ext (ug)	Tgt Ion	Qual	Ratio
0	1 Naphthalene-d-sp1000					CAS #: 077-00-0			
4.319	0.319	-0.100		334637	0.00000	0.0000	00.00-	330.00	100.00
9 alpha-BHC						CAS #: 319-84-6			
6.903	6.903	-0.100		93370	0.00000	0.0000	00.00-	330.00	100.00
8 gamma-BHC(Lindane)						CAS #: 58-89-9			
7.093	7.093	-0.100		441070	0.00000	0.0000	00.00-	330.00	100.00
13 Heptachlor						CAS #: 76-44-8			
8.601	8.701	-0.100		77000	0.00000	0.0007	00.00-	330.00	100.00
19 Endosulfan I						CAS #: 959-98-8			
11.930	11.470	-0.100		71679	0.00000	0.0000	00.00-	330.00	100.00

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
16 Dieldrin					CAS #: 60-57-1		
12.936	13.096	-0.160	1903301	0.02000	0.0093	60.00- 140.00	100.00
30 Endrin					CAS #: 72-20-8		
13.530	13.690	-0.160	1227970	0.02000	0.0093	60.00- 140.00	100.00
31 4,4'-DDD					CAS #: 72-54-8		
13.177	13.337	-0.160	1304067	0.02000	0.0093	60.00- 140.00	100.00
34 4,4'-DDT					CAS #: 50-29-3		
13.571	13.731	-0.160	1037087	0.02000	0.0093	60.00- 140.00	100.00
33 Methoxychlor					CAS #: 72-43-5		
15.069	15.229	-0.160	3673093	0.08000	0.090	60.00- 140.00	100.00
$ 36 Decachlorobiphenyl					CAS #: 2051-24-3		
17.866	18.066	-0.200	1206501	0.02000	0.031	60.00- 140.00	100.00

Pentachloronitrobenzene (8.335)
alpha-BHC (6.883)
gamma-BHC(Lindane) (7.700)
Heptachlor (8.653)
Endosulfan I (11.400)
Dieldrin (11.900)
Endrin (12.800)
4,4'-DDD (13.960)
4,4'-DDT (13.662)
Methoxychlor (15.165)
Decachlorobiphenyl (17.968)

BEVERLY TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcms/m2hp3.i/010131e-r.b/01541501.d
Lab Smp Id: 2518 Client Smp ID: INDAM1
Inj Date : 13-OCT-2000 23:14
Operator : 001754 Inst ID: m2hp3.i
Smp Info : INDAM1
Misc Info :
Comment :
Method : /chem/ems/gcms/m2hp3.i/010131e-r.b/slp30b.m
Meth Date : 16-Oct-2000 08:20 dompetom Quant Type: ISTD
Cal Date : 13-OCT-2000 23:52 Cal File: 01541601.d
Dil Factor: 15 Calibration Sample, Level: 3
ISTD Factor: 1.00000
Integrator: Falcon Compound Table: 8-INDA.mub
Target Volume: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of Final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spad Variable Local Compound Variable

Response

RT	REF	RT	SLP	SP	Response	CAS-NUM (ng)	00-00L (ng)	Result	Resp	Amount
ng										
0	1	Acenaphthene-d10						CAS #: 677-64-0		
8.319		8.319	-0.100		3446671	0.03000	0.030	00.00- 130.00		100.00
2		alpha-BHC						CAS #: 319-84-6		
4.003		4.003	-0.100		4146634	0.03000	0.030	00.00- 130.00		100.00
3		gamma-BHC (Lindane)						CAS #: 58-89-9		
7.993		7.993	-0.100		3770339	0.03000	0.030	00.00- 130.00		100.00
11		Heptachlor						CAS #: 76-44-8		
8.601		8.701	-0.100		3103371	0.03000	0.030	00.00- 130.00		100.00
19		Endosulfan I						CAS #: 959-98-8		
11.334		11.470	-0.100		3063799	0.03000	0.030	00.00- 130.00		100.00

						RESULTS				
						CAL-ADD	ON-COL			
RT	EXP RT	DEV RT		AREA		(ng)	(ng)	EXPECT RANGE	ACCEPT	
##	#####	#####		######		#####	#####	##########	#####	
18 Biphenyl							CAS #: 92-52-4			
11.934	11.936	-0.149		1367034	0.04000		0.040	80.00- 120.00	100.00	
20 Indole							CAS #: 120-72-9			
12.934	12.930	-0.149		1306793	0.04000		0.040	80.00- 120.00	100.00	
22 4,6-DNO							CAS #: 534-52-1			
13.977	13.117	-0.149		4799986	0.04000		0.040	80.00- 120.00	100.00	
26 4,6-DNT							CAS #: 99-65-0			
15.991	15.751	-0.149		4606646	0.04000		0.040	80.00- 120.00	100.00	
29 Nitrobenzene							CAS #: 98-95-3			
16.049	15.339	-0.149		3000340	0.30000		0.30	80.00- 120.00	100.00	
# 30 2-Chloroalkylbenzene							CAS #: 2403-30-3			
17.046	16.066	-0.149		4663471	0.04000		0.040	80.00- 120.00	100.00	

Tetrachloro-m-xylene (9.269)
alpha-BHC (9.982)
gamma-BHC(Lindane) (9.904)
Heptachlor (10.081)
Aldrin (11.905)
Heptachlor (13.199)
Decachlorobiphenyl (17.964)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcms/m24ap3.i/010134e-x.b/01721701.d
Lab Smp Id: C620 Client Smp ID: IN0AAI
Inj Date : 13-OCT-2000 00:29
Operator : 001754 Inst ID: m24ap3.i
Smp Info : IN0AAI
Misc Info :
Comment :
Method : /chem/ems/gcms/m24ap3.i/010134e-x.b/ell90b.m
Meth Date : 16-Oct-2000 08:20 dempsten Quant Type: ISTD
Cal Date : 13-OCT-2000 01:06 Cal File: 01621601.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Table: 8-IN0A.mab
Purge: Verified: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRF	RF	Response	Conc. ug/L	on-col. ug	Range	Limit	Ratio
0	3 Tetrachloro-m-xylene					CAS #: 877-09-8			
8.319	0.919	-0.100		11107733	0.00000	0.000	00.00-	130.00	100.00
	3 Alpha-BHC					CAS #: 319-84-6			
6.604	0.903	-0.100		16990370	0.00000	0.003	00.00-	130.00	100.00
	8 gamma-BHC(Lindane)					CAS #: 58-89-9			
7.663	7.993	-0.100		18331183	0.00000	0.003	00.00-	130.00	100.00
	11 Heptachlor					CAS #: 76-44-8			
8.603	0.791	-0.100		13041034	0.00000	0.003	00.00-	130.00	100.00
	16 Endosulfan I					CAS #: 959-98-8			
11.930	11.470	-0.100		13160991	0.00000	0.003	00.00-	130.00	100.00

RT	RRT	RRF	RRF RT	RESPONSE	CONC. (ug/l)	CONC. (ug/l)	TARGET RANGE	RATIO
10 Dichlorin					CAL 0: 09-97-1			
11.916	11.096	-0.140		3999703	0.16000	0.16	00.00- 130.00	100.00
10 Dichlorin					CAL 0: 73-24-0			
11.950	11.099	-0.160		3333109	0.10000	0.10	00.00- 130.00	100.00
10 4,0'-DDD					CAL 0: 72-00-0			
13.977	13.112	-0.140		1116970	0.10000	0.10	00.00- 130.00	100.00
10 4,0'-DDE					CAL 0: 00-39-1			
15.901	11.793	-0.140		3000070	0.10000	0.10	00.00- 130.00	100.00
10 Methoxychlor					CAL 0: 72-43-5			
19.009	18.333	-0.160		4000000	0.00000	0.20	00.00- 130.00	100.00
0 10 Beanchlorchlaphanyl					CAL 0: 3001-00-2			
17.000	10.046	-0.000		1700007	0.10000	0.10	00.00- 130.00	100.00

Y axis
Tetrachloroethylene (8.469)
Alpha-BHC (8.882)
gamma-BHC(Lindane) (7.968)
Heptachlor (8.684)
Endosulfan I (11.490)
Dieldrin (11.986)
Endrin (12.998)
4,4'-DDD (13.665)
4,4'-DDT (13.661)
Methoxychlor (13.995)
Decachlorobiphenyl (17.964)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ccm/gcm/m2bp3.1/010131e-r.b/01441401.d
Lab Smp Id: C617 Client Smp ID: XNOBL1
Inj Date : 12-OCT-2000 22:37
Operator : 001754 Inst ID: m2bp3.1
Smp Info : XNOBL1
Misc Info :
Comment :
Method : /chem/ccm/gcm/m2bp3.1/010131e-r.b/c1p905.m
Meth Date : 16-Oct-2000 08:20 dempster Quant Type: ESTD
Cal Date : 12-OCT-2000 22:37 Cal File: 01441401.d
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 9-XNOB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * DE * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
DE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

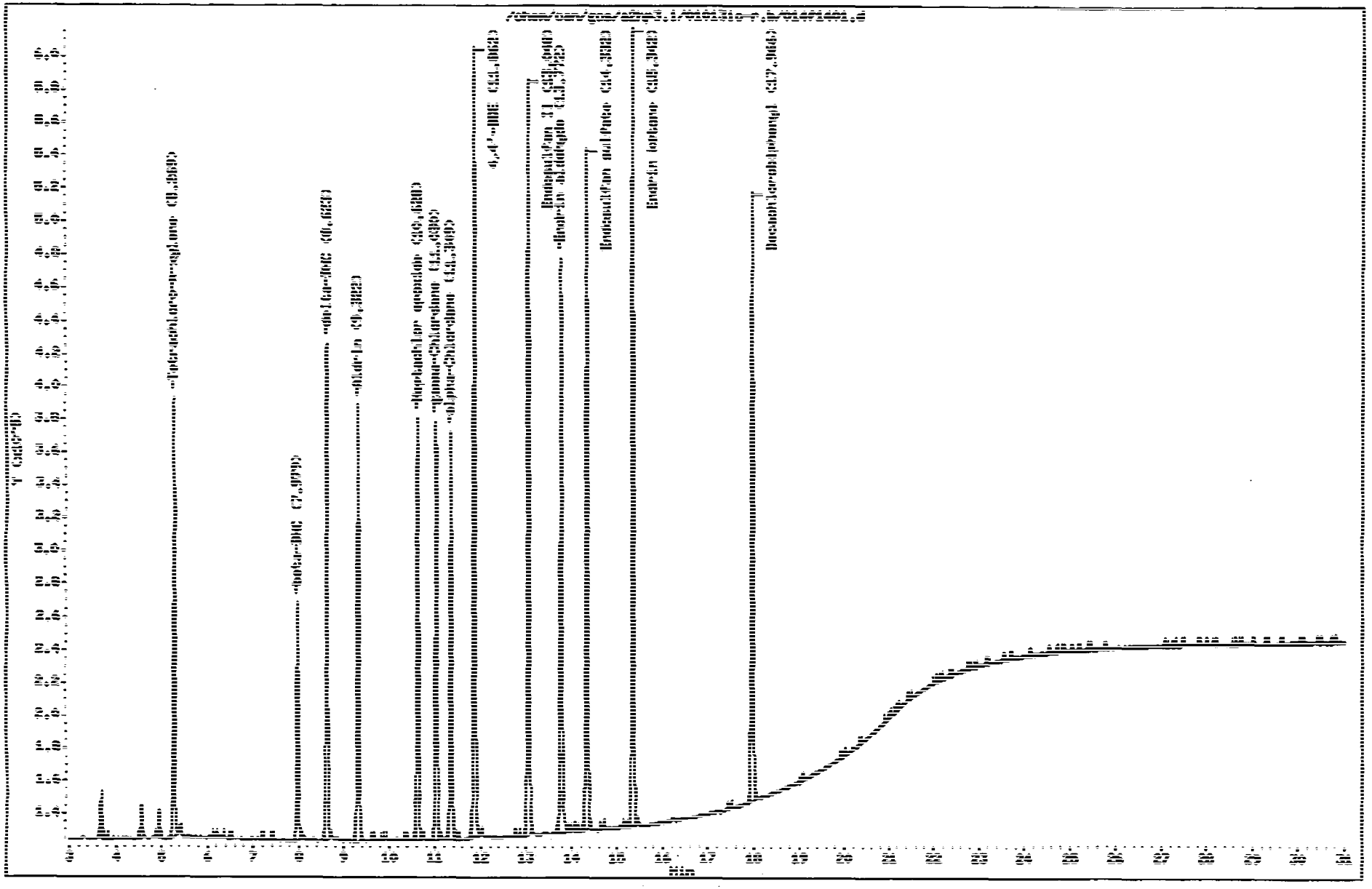
Cpnd Variable Local Compound Variable

RT	RRT	RRF	RT	Response	Conc-Amt (ng)	on-Col (ng)	Flags	Amount
11 Aldrin					CAS #: 309-00-2			
9.373	0.373	-0.100		77900	0.00900	0.0066	00.00- 100.00	100.00
7 beta-BHC					CAS #: 319-00-7			
9.000	0.000	-0.100		3331.63	0.00900	0.0003	00.00- 100.00	100.00
9 delta-BHC					CAS #: 319-06-8			
9.973	0.973	-0.100		70890	0.00900	0.0043	00.00- 100.00	100.00
15 Heptachlor epoxide					CAS #: 1024-57-3			
10.997	10.997	-0.100		76390	0.00900	0.0047	00.00- 100.00	100.00
16 gamma-Chlordane					CAS #: 5103-74-2			
10.900	11.100	-0.100		76346	0.00900	0.0046	00.00- 100.00	100.00

RT	REP RT	RRT RT	Response	Response (ng)	Response (ng)	Name	Date
				CHL-DDE	CH-CCS		
						Response	
37 alpha-Chlordane					CAS #: 5103-71-9		
11.319	11.619	-0.140	733136	0.00904	0.0006	00.00- 130.00	100.00
38 4,4'-DDE					CAS #: 72-55-9		
11.793	11.911	-0.140	1195637	0.01000	0.0090	00.00- 130.00	100.00
39 Endosulfan II					CAS #: 33213-65-9		
12.971	13.110	-0.140	1156001	0.01000	0.0015	00.00- 130.00	100.00
40 Endrin aldehyde					CAS #: 7421-93-4		
13.793	13.913	-0.140	1064166	0.01000	0.0094	00.00- 130.00	100.00
41 Endosulfan sulfate					CAS #: 1031-07-8		
14.263	14.402	-0.140	1199720	0.01000	0.0094	00.00- 130.00	100.00
42 Endrin ketone					CAS #: 53494-70-5		
14.371	14.513	-0.140	1199007	0.01000	0.0006	00.00- 130.00	100.00
0 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
9.319	9.319	-0.100	044130	0.00904	0.0060	00.00- 130.00	100.00
0 10 Decachlorobiphenyl					CAS #: 2051-24-3		
17.066	16.466	-0.200	1161143	0.01000	0.030	00.00- 130.00	100.00

Data File: /chem/ms/gcms/a2qp3.i/010131o-r.b/01471401.d
Date : 12-OCT-2000 22:37
Client ID: IHBL1
Sample Info: IHBL1
Volume Injected (ul): 1.0
Column phase: Rtx-CLP2 PS8710IHBR

Instrument: a2qp3.i
Operator: 001754
Column diameter: 0.53



STL Mobile Canton

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcd/m2hp3.i/010131c-r.b/01611601.d
Lab Smp Id: 2619 Client Smp ID: XXXXXX1
Inj Date : 13-OCT-2000 23:52
Operator : 001754 Inst ID: m2hp3.i
Smp Info : XXXXXX1
Misc Info :
Comment :
Method : /chem/ms/gcd/m2hp3.i/010131c-r.b/c1p30b.m
Meth Date : 16-Oct-2000 08:20 dougpetom Quant Type: ESTD
Cal Date : 13-OCT-2000 23:52 Cal File: 01611601.d
Als bottle: 16 Calibration Sample, Level: 2
DIL Factor: 1.00000
Integrator: Falcon Compound Sublist: 9-XXXX.mub
Target Version: 3.50 Sample Matrix: WATER

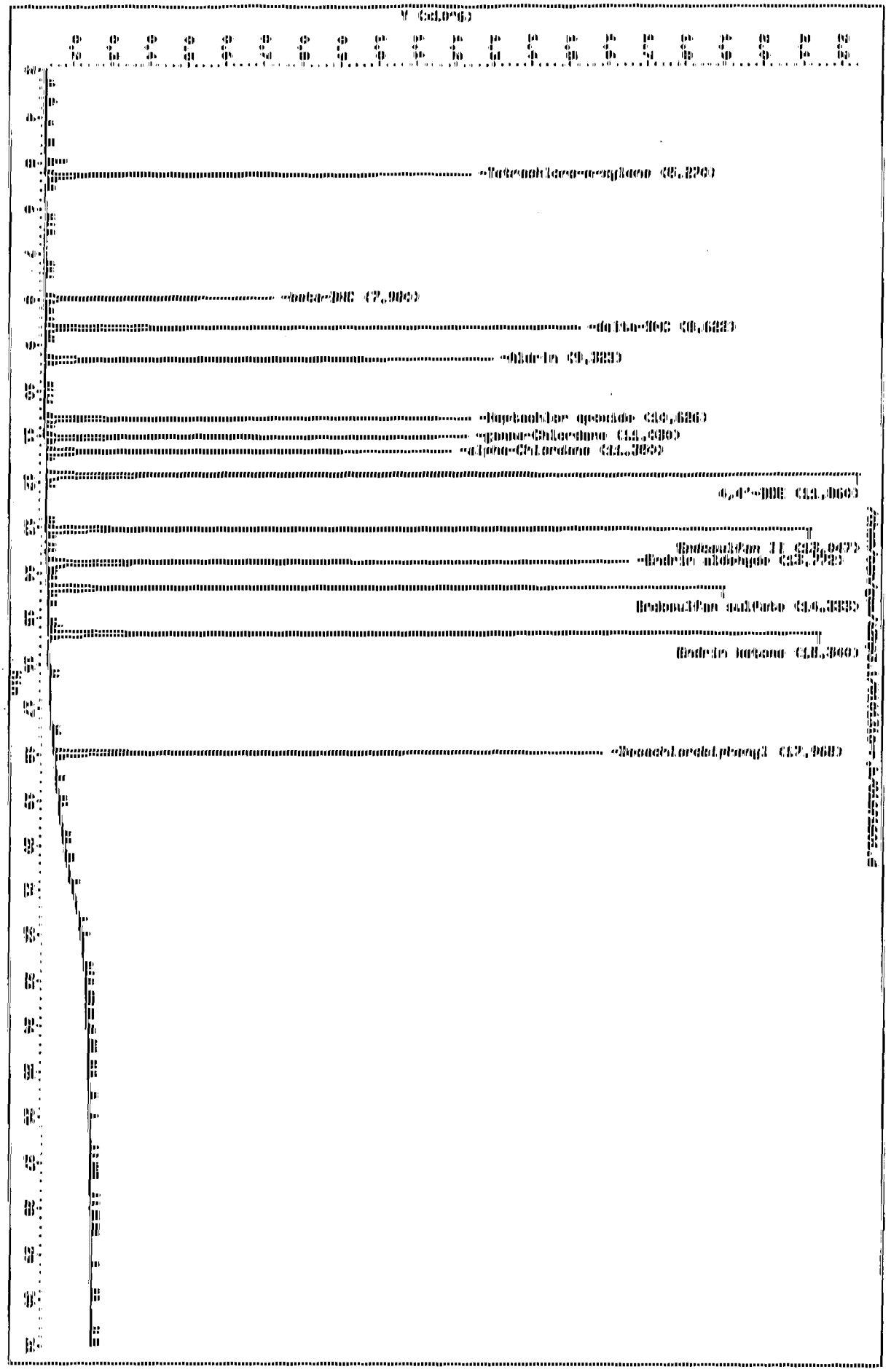
Concentration Formula: Amt * DF * VE * Vt/(Vo * Vi) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
VE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpd Variable Local Compound Variable

RT	RRT	RRF	RF	response	cal-amt (ug)	cor-con (ug)	response name	name
m	mmmm	nnnnnn		nnnnnnn	nnnnnn	nnnnnnn	nnnnnnnnnnn	nnnn
33 Alkala						cas # 300-00-3		
9.373	0.973	-0.190		1394936	0.00000	0.000	00.00- 130.00	100.00
7 beta-BHC						cas # 319-84-7		
7.939	0.939	-0.100		1037700	0.00000	0.000	00.00- 330.00	100.00
9 delta-BHC						cas # 319-86-8		
8.973	0.973	-0.300		3713034	0.00000	0.000	00.00- 330.00	100.00
33 Heptachlor epoxide						cas # 1024-57-3		
10.337	10.697	-0.140		1369976	0.00000	0.000	00.00- 130.00	100.00
34 gamma-Chlordane						cas # 5103-74-2		
10.960	11.300	-0.100		3331309	0.00000	0.000	00.00- 330.00	100.00

RT	RRT	RI	BLK RT	Analyte	Conc. (ng)	Conc. (ng)	Limits	Blank	Ratio
39	alpha-Chlordane					CAS #	5103-71-9		
15.379	31.639		-0.140	3003176	0.00000	0.000	80.00- 320.00		100.00
40	4,4'-DDE					CAS #	72-55-9		
15.791	31.933		-0.140	6390496	0.00000	0.000	80.00- 320.00		100.00
41	Endosulfan II					CAS #	33213-65-9		
15.379	31.130		-0.160	3734601	0.00000	0.000	80.00- 320.00		100.00
42	Endrin aldehyde					CAS #	7421-93-4		
15.792	31.603		-0.140	6996470	0.00000	0.000	80.00- 320.00		100.00
43	Endosulfan sulfate					CAS #	1031-07-8		
16.363	34.603		-0.140	8333133	0.00000	0.000	80.00- 320.00		100.00
44	Endrin ketone					CAS #	53494-70-5		
15.371	31.633		-0.140	3003489	0.00000	0.000	80.00- 320.00		100.00
0	1 Tetrachloro-m-xylene					CAS #	877-09-8		
8.310	9.919		-0.150	3003499	0.00000	0.000	80.00- 320.00		100.00
0	30 Decachlorobiphenyl					CAS #	2051-24-3		
17.001	30.966		-0.190	4007199	0.00000	0.000	80.00- 320.00		100.00


Heptachlor epoxide (10.626)
Endosulfan II (13.047)
Endrin aldehyde (13.993)
Endrin ketone (14.360)
Methoxychlor (17.968)

SOUTHERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/cma/gcms/m2hp3.1/010131e-x.b/01021001.d
Lab Smp Id: C631 Client Smp ID: XXXXXX
Inj Date : 13-OCT-2000 01:06
Operator : 001754 Inst ID: m2hp3.1
Smp Info : XXXXXX
Misc Info :
Comment :
Method : /chem/cma/gcms/m2hp3.1/010131e-x.b/c1p30b.m
Meth Date : 16-Oct-2000 08:20 dumpster Quant Type: ESTD
Cal Date : 13-OCT-2000 01:06 Cal File: 01021001.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Singlet: 9-XXXX.mub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpecVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spec Variable Local Compound Variable

RT	RRT	RRT RF	Response	CONC-ORG (ug)	CONC-COL (ug)	Range	Name
00	00000	000000	000000	000000	000000	00000000000	0000
10 Acetone					CAS #: 000-00-0		
0.878	0.378	-0.100	3363301	0.00000	0.000	00.00- 100.00	100.00
9 Methanol					CAS #: 000-00-0		
7.000	0.000	-0.100	000711	0.00000	0.000	00.00- 100.00	100.00
9 Methylene					CAS #: 000-00-0		
0.000	0.000	-0.100	1000716	0.00000	0.000	00.00- 100.00	100.00
11 Heptachlor epoxide					CAS #: 1000-00-0		
10.000	10.000	-0.100	3000000	0.00000	0.000	00.00- 100.00	100.00
16 gamma-Chlordane					CAS #: 000-00-0		
10.000	11.100	-0.100	3770000	0.00000	0.000	00.00- 100.00	100.00

RT	RRT	RT	RRT	RT	Amount (ng)	Amount (ng)	Ratio	Ratio	Ratio
					GAS-MET	GAS-COL			
17 alpha-Chlordane						CAS #: 5103-71-9			
11.379	11.633	-0.140		1307451.0	0.00000	0.078	00.00-	130.00	100.00
18 4,4'-DDE						CAS #: 72-55-9			
11.795	11.933	-0.160		3030633	0.10000	0.16	00.00-	130.00	100.00
19 Endosulfan II						CAS #: 33213-65-9			
11.970	13.310	-0.140		3301931	0.10000	0.15	00.00-	130.00	100.00
20 Endrin aldehyde						CAS #: 7421-93-4			
12.703	13.663	-0.140		3710631	0.10000	0.13	00.00-	130.00	100.00
21 Endosulfan sulfate						CAS #: 1031-07-8			
14.313	14.663	-0.140		1960411	0.10000	0.19	00.00-	130.00	100.00
22 Endrin ketone						CAS #: 53494-70-5			
15.171	15.633	-0.160		33303097	0.10000	0.13	00.00-	130.00	100.00
0 1,2-Octachloro-n-propane						CAS #: 877-08-4			
8.239	8.319	-0.100		3033363	0.00000	0.078	00.00-	130.00	100.00
0 10 Decachlorobiphenyl						CAS #: 2051-24-3			
17.066	18.066	-0.200		3011039	0.10000	0.10	00.00-	130.00	100.00

Y (ug/g)
Tetrachloro-m-xylene (5.269)
beta-BHC (7.979)
delta-BHC (8.622)
Aldrin (9.322)
Heptachlor epoxide (10.695)
gamma-Chlordane (11.089)
alpha-Chlordane (11.349)
4,4'-DDE (11.865)
Endosulfan II (12.967)
Endrin aldehyde (13.775)
Endosulfan sulfate (14.332)
Endrin ketone (15.342)
Decachlorobiphenyl (17.966)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/010166.b/01341301.d
Lab Smp Id: C616 Client Smp ID: IMDAL1
Inj Date : 16-OCT-2000 20:58
Operator : 001754 Inst ID: m2hp3.i
Smp Info : IMDAL1
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/010166.b/elp30n.m
Meth. Date : 31-Oct-2000 08:08 dempston Quant Type: ESTD
Cal Date : 16-OCT-2000 21:35 Cal File: 01401401.d
Mix Bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Finnigan Compound Suffix: 8-IMDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpdVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RT Diff	Response (ng)	Response (ng)	Response Units	Ratio
			CAL-AMT	ON-COL		
0	1 Tetrachloro-m-xylene			CAS #: 877-00-0		
0.330	0.330	-0.190	034310	0.00000	0.0000	00.00- 130.00 100.00
9	alpha-BHC			CAS #: 319-84-6		
0.037	0.037	-0.100	1300000	0.00000	0.0007	00.00- 130.00 100.00
7	gamma-BHC (Lindane)			CAS #: 58-89-9		
0.103	0.103	-0.100	1130833	0.00000	0.0004	00.00- 130.00 100.00
9	Heptachlor			CAS #: 76-44-8		
7.100	7.100	-0.100	3071609	0.00000	0.0003	00.00- 130.00 100.00
39	Endosulfan I			CAS #: 959-98-8		
9.313	10.093	-0.160	090410	0.00000	0.0000	00.00- 130.00 100.00

RT	RRP RT	DRT RT	Amount	Conc (ng)	Conc (ng)	Name	Match	Memo
				CAS-NUM	OH-COL			
19 Biolidcha					CAS #: 60-87-1			
10.036	10.906	-0.140	1031716	0.01000	0.0094	00.00-	320.00	100.00
31 Dadrin					CAS #: 73-30-6			
10.063	11.001	-0.140	1307303	0.01000	0.0099	00.00-	330.00	100.00
30 4,6'-DDD					CAS #: 72-54-8			
11.304	11.436	-0.140	1300603	0.01000	0.0099	00.00-	330.00	100.00
29 4,6'-DDT					CAS #: 50-29-3			
11.037	11.177	-0.140	1305064	0.01000	0.0099	00.00-	330.00	100.00
30 Methoxychlor					CAS #: 72-43-5			
13.909	13.136	-0.140	1366099	0.01000	0.096	00.00-	330.00	100.00
1 30 Decachlorobiphenyl					CAS #: 2051-24-3			
18.000	18.000	-0.200	1000001	0.01000	0.031	00.00-	330.00	100.00

Tetrachloro-m-xylene (4.171)
alpha-BHC (8.660)
gamma-BHC(Lindane) (6.193)
Heptachlor (7.329)
Endosulfan I (9.983)
Dieldrin (10.496)
Endrin (10.933)
4,4'-DDD (11.309)
4,4'-DDT (11.910)
Methoxychlor (13.088)
Decachlorobiphenyl (18.949)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/01016c.b/01561501.d
Lab Smp Id: C656 Client Smp ID: IN0LAN1
Inj Date : 16-OCT-2000 22:12
Operator : 001754 Inst ID: m2hp3.i
Smp Info : IN0LAN1
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/01016c.b/c1p30n.m
Meth Date : 31-Oct-2000 09:08 dampston Quant Type: ESTD
Cal Date : 16-OCT-2000 22:50 Cal File: 01661601.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Table: 8-IN0M.mub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * BF * Vt/(Vo * Vi) * CpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
BF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

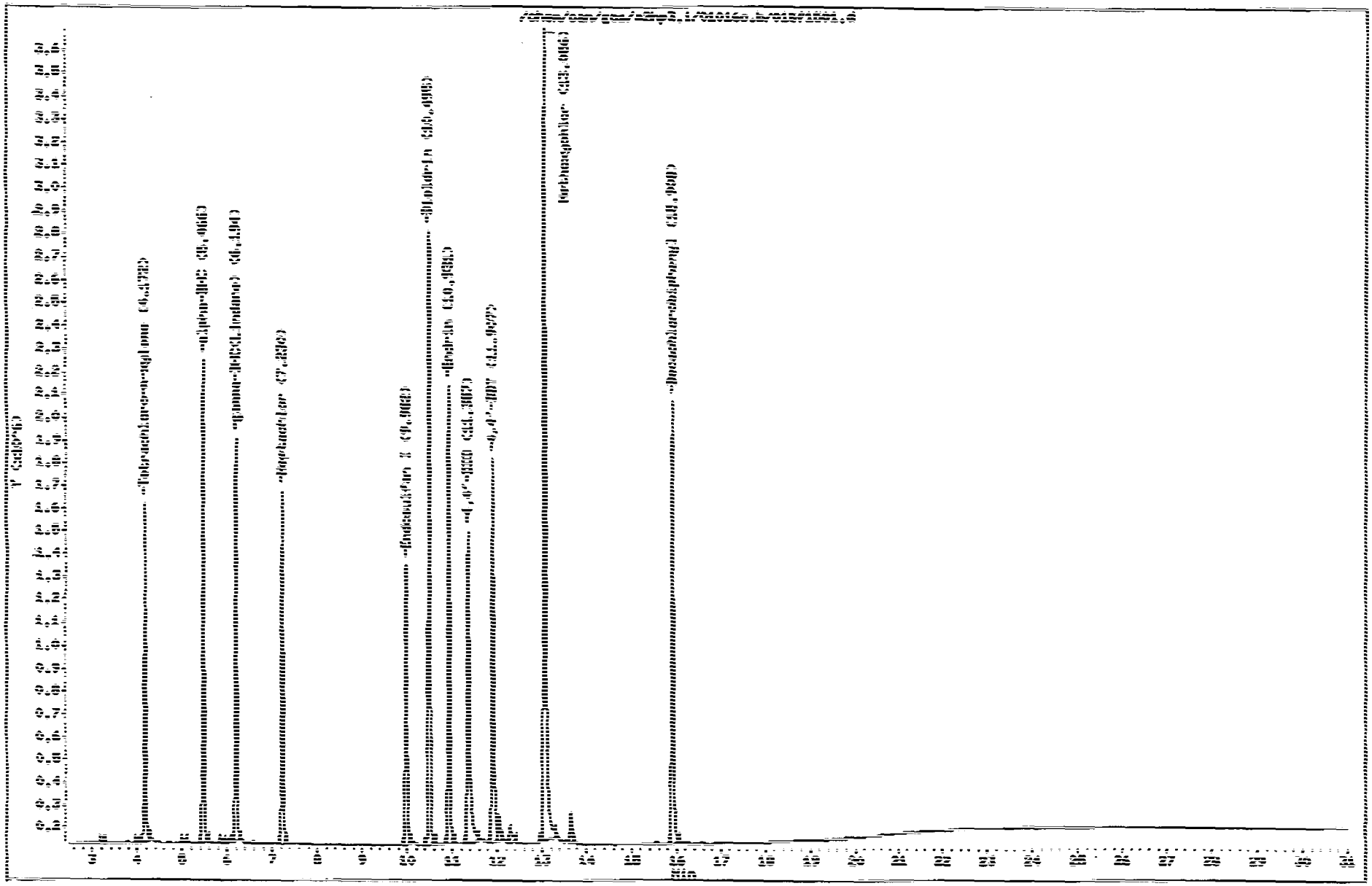
Cpad Variable Local Compound Variable

RT	RRT	RET RT	Response	amount (ng/mL)	amount (ng)	Target range	Score
4 3 Potassium-o-xylene					CAS #: 877-09-0		
6.330	4.330	-0.300	1069000	0.00000	0.000	00.00- 130.00	100.00
8 alpha-BHC					CAS #: 319-84-6		
8.417	5.937	-0.100	1070000	0.00000	0.000	00.00- 130.00	100.00
7 gamma-BHC(Lindane)					CAS #: 58-89-9		
8.163	6.343	-0.100	1040393	0.00000	0.000	00.00- 130.00	100.00
9 Heptachlor					CAS #: 76-44-8		
7.100	7.300	-0.300	1011393	0.00000	0.000	00.00- 130.00	100.00
10 Endosulfan I					CAS #: 959-98-8		
9.933	10.063	-0.300	1008133	0.00000	0.000	00.00- 130.00	100.00

RT	RRT	RI	RRI	RF	Compound	CAS-NUM (ng)	OH-COL (ng)	Target	Range	Ratio
10					Benzene			CAS #: 00-07-1		
10.416	10.966		-0.340		770936	0.00000	0.000	00.00- 100.00		000.00
11					Indene			CAS #: 71-00-0		
10.601	11.003		-0.340		1036700	0.00000	0.000	00.00- 100.00		000.00
12					4,6'-DDD			CAS #: 72-54-8		
11.206	11.636		-0.340		963000	0.00000	0.000	00.00- 100.00		000.00
13					4,6'-DDE			CAS #: 00-39-3		
11.337	11.777		-0.340		1010000	0.00000	0.000	00.00- 100.00		000.00
14					Methoxychlor			CAS #: 72-43-5		
11.909	12.129		-0.340		1113000	0.00000	0.00	00.00- 100.00		000.00
15					Endosulfan sulfate			CAS #: 1031-07-8		
12.004	12.408		-0.360		611334	0.00000	0.000	00.00- 100.00		000.00

Data File: /chem/ms/gas/ms2p2.i/010160.b/010F1001.d
Date : 16-OCT-2000 22:12
Client ID: INBAH
Sample Info: INBAH
Volume Injected (uL): 1.0
Column phase: Rtx-CLPESTICIDES

Instrument: ms2p2.i
Operator: 001754
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/a22ap3.i/010166.b/01741701.d
Lab Smp Id: C630 Client Smp ID: IN0LN1
Inj Date : 16-OCT-2000 23:37
Operator : 001754 Inst ID: a22ap3.i
Smp Info : IN0LN1
Misc Info :
Comment :
Method : /chem/ms/gcms/a22ap3.i/010166.b/clp30n.ma
Meth Date : 31-Oct-2000 08:08 dampsten Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01021801.d
Als bottle: 17 Calibration Sample, Level: 3
DIL Factor: 1.00000
Integrator: Falcon Compound Suffix: 0-IN0L.msb
Target Version 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WE * Vt/(Vo * Vi) * CpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpad Variable Local Compound Variable

RT	RRT	RRT RT	Response (ng)	Response (ng)	Response	Response	Ratio
6	1 Tetrachloro-m-xylene				CAS #: 877-09-8		
6.136	6.130	-0.100	10001.699	0.00000	0.003	00.00- 130.00	100.00
8	alpha-BHC				CAS #: 319-84-6		
8.637	8.637	-0.100	33030604	0.00000	0.004	00.00- 130.00	100.00
7	gamma-BHC (Lindane)				CAS #: 58-89-9		
8.303	8.303	-0.100	10731100	0.00000	0.004	00.00- 130.00	100.00
9	Heptachlor				CAS #: 76-44-8		
7.300	7.300	-0.100	10001000	0.00000	0.003	00.00- 130.00	100.00
10	Endosulfan I				CAS #: 959-98-8		
9.933	10.933	-0.100	16903000	0.00000	0.003	00.00- 130.00	100.00

RT	RRT	RRT	RRT	RESPONSE	amount (ng)	amount (ng)	TARGET RANGE	RATIO
					CAL-MIX	OH-CCL		
19 Bromdrin						CAS No: 60-97-1		
10.634	10.366	-0.340		3133310	0.16000	0.16	60.00- 130.00	100.00
21 Dieldrin						CAS No: 72-20-8		
10.663	13.001	-0.340		3100047	0.16000	0.16	60.00- 130.00	100.00
20 4,4'-DDD						CAS No: 72-54-8		
11.206	13.436	-0.340		3177064	0.16000	0.16	60.00- 130.00	100.00
25 4,4'-DDT						CAS No: 50-29-3		
11.637	13.977	-0.340		3170011	0.16000	0.17	60.00- 130.00	100.00
30 Methoxychlor						CAS No: 72-43-5		
13.903	13.135	-0.340		4669330	0.16000	0.76	60.00- 130.00	100.00
4 ,20 Pentachlorobiphenyl						CAS No: 32651-34-3		
15.004	16.000	-0.340		3659305	0.16000	0.16	60.00- 130.00	100.00

Tetrachloro-m-xylene (5.375)
alpha-BHC (5.666)
gamma-HCCL(Lindane) (6.190)
Heptachlor (7.329)
Endosulfan I (9.900)
Dieldrin (10.698)
Endrin (10.932)
4,4'-DDD (11.366)
4,4'-DDT (11.965)
Methoxychlor (13.000)
Decachlorobiphenyl (18.900)

BEVERLY TRUST LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcm/m2bp3.1/01016c.b/01441401.d
Lab Smp Id: C617 Client Smp ID: INDBLL
Inj Date : 16-OCT-2000 21:35
Operator : 001754 Inst ID: m2bp3.1
Smp Info : INDBLL
Misc Info :
Comment :
Method : /chem/ems/gcm/m2bp3.1/01016c.b/clp300.m
Meth Date : 31-Oct-2000 08:04 computer Quant Type: ESTD
Cal Date : 16-OCT-2000 21:35 Cal File: 01441401.d
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Suffix: 9-INDB.ms
Target Volume: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WF * Vt/(Wo * Vi) * CpadVariable

Name	Value	Description
DF	1.000000	Dilution Factor
WF	1.000000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Wo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume Injected (uL)

Cpad Variable Local Compound Variable

RT	RRT	RRT RT	response	amount (ng)	amount (ng)	response	name
				on-col.			

10 Aldrin CAS #: 309-00-2

7.990	7.093	-0.100	994199	0.00900	0.0007	00.00- 130.00	300.00

11 beta-BHC CAS #: 319-85-7

8.433	8.333	-0.100	440901	0.00900	0.0090	00.00- 130.00	100.00

12 delta-BHC CAS #: 319-86-8

8.770	8.770	-0.100	3011933	0.00900	0.0000	00.00- 130.00	100.00

14 Heptachlor epoxide CAS #: 1024-57-3

9.330	9.370	-0.340	933946	0.00900	0.0000	00.00- 130.00	300.00

16 gamma-Chlordane CAS #: 5103-74-2

9.496	9.944	-0.140	830988	0.00900	0.0000	00.00- 130.00	300.00

RT	REF RT	RLR RT	Response	Conc (ug/L)	Conc (ug/g)	Name	Match
				Maximum			
37	alpha-Chlordane				CAS #	5103-71-9	
9.690	9.030	-0.140	934000	0.00000	0.0000	00.00- 330.00	300.00
38	0.47-DDE				CAS #	72-55-9	
10.063	10.303	-0.140	1994136	0.01000	0.0000	00.00- 330.00	300.00
39	Endosulfan II				CAS #	33213-65-9	
11.106	11.074	-0.140	1031303	0.01000	0.0094	00.00- 330.00	300.00
40	Endrin aldehyde				CAS #	7421-93-4	
11.326	11.304	-0.140	1330093	0.01000	0.0093	00.00- 330.00	300.00
41	Endosulfan sulfate				CAS #	1031-07-8	
11.993	11.333	-0.140	1310909	0.01000	0.0096	00.00- 330.00	300.00
42	Endrin ketone				CAS #	53494-70-5	
11.809	11.710	-0.140	340070	0.01000	0.0037	00.00- 330.00	300.00
43	1 Tetrachloro-m-xylene				CAS #	877-09-8	
6.130	6.130	-0.300	109033	0.00000	0.0033	00.00- 330.00	300.00
44	10 Decachlorobiphenyl				CAS #	2051-24-3	
16.003	16.000	-0.300	3370333	0.01000	0.010	00.00- 330.00	300.00

Tetrachloro-o-xylene (4.370)
beta-BHC (6.678)
delta-BHC (6.839)
Aldrin (7.846)
Heptachlor epoxide (9.866)
gamma-Chlordane (9.928)
alpha-Chlordane (9.965)
4,4'-DDE (10.438)
Endosulfan II (11.065)
Endrin aldehyde (11.296)
Endrin ketone (11.660)
Decachlorobiphenyl (15.946)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2lap3.i/01016c.b/01621601.d
Lab Smp Id: C657 Client Smp ID: IMDBMI
Inj Date : 16-OCT-2000 22:50
Operator : 001754 Inst ID: m2lap3.i
Smp Info : IMDBMI
Misc Info :
Comment :
Method : /chem/ms/gcms/m2lap3.i/01016c.b/clp30n.m
Meth Date : 31-Oct-2000 08:08 computer Quant Type: ESTD
Cal Date : 16-OCT-2000 22:50 Cal File: 01621601.d
Als bottle: 16 Calibration Sample, Level: 2
DIL Factor: 1.000000
Integrator: Falcon Compound Sublist: IMDB.sub
Target Version: 3.50 Sample Matrix: WATER

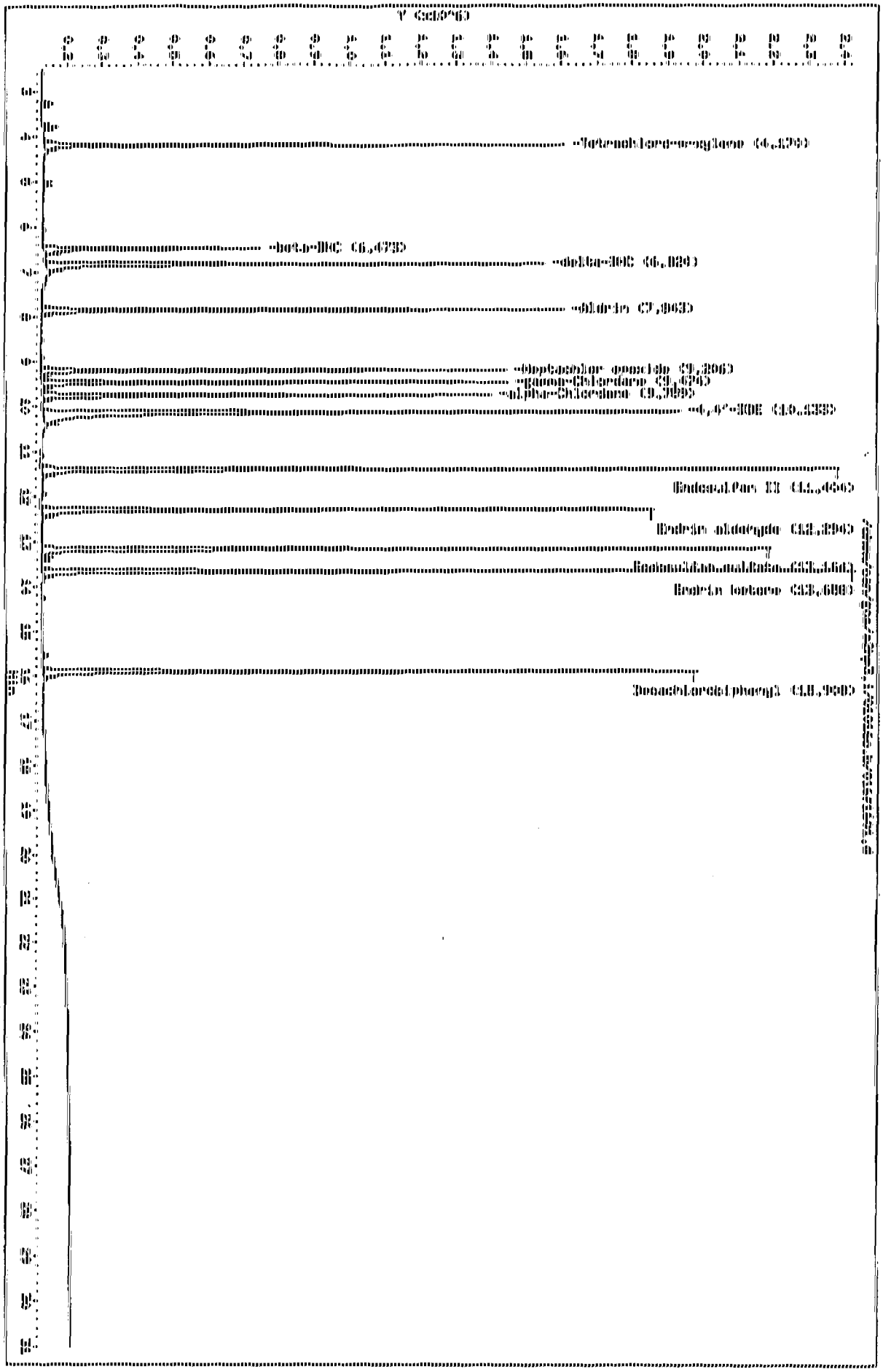
Concentration Formula: Amt * DF * CF * Vc/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000000	Dilution Factor
CF	1.000000	GPC Correction Factor
Vc	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRT RT	response	Amount (ng)	Amount (ng)	Target range	Qualifiers
10 Alkalm				CAS #: 309-00-2			
7.793	7.003	-0.100	619941	0.03000	0.030	00.00- 130.00	100.00
11 beta-BHC				CAS #: 319-85-7			
8.433	8.221	-0.100	1073160	0.03000	0.030	00.00- 130.00	100.00
12 delta-BHC				CAS #: 319-86-8			
8.770	8.874	-0.100	630733	0.03000	0.030	00.00- 130.00	100.00
14 Heptachlor epoxide				CAS #: 1024-57-3			
9.190	9.370	-0.100	3011204	0.03000	0.030	00.00- 130.00	100.00
16 gamma-Chlordane				CAS #: 5103-74-2			
9.406	9.344	-0.100	3031963	0.03000	0.030	00.00- 130.00	100.00

RT	REF RT	RRT	ESTD RF	AMOUNT (ng)	AMOUNT (ng)	CAS#	NAME	RANGE	BASIS
37	alpha-Chlordane					CAS# 5103-71-9			
9.490	9.030	-0.100		1239733	0.00000	0.000	00.00- 100.00		100.00
38	4,4'-DDE					CAS# 72-55-9			
10.063	10.303	-0.160		7097450	0.00000	0.000	00.00- 100.00		100.00
39	Endosulfan II					CAS# 33213-65-9			
11.194	11.476	-0.160		6011060	0.00000	0.000	00.00- 100.00		100.00
40	Endrin aldehyde					CAS# 7421-93-4			
11.334	11.160	-0.100		9330650	0.00000	0.000	00.00- 100.00		100.00
41	Endosulfan sulfate					CAS# 1031-07-8			
11.693	11.399	-0.100		6337969	0.00000	0.000	00.00- 100.00		100.00
42	Endrin ketone					CAS# 53494-70-5			
12.900	11.739	-0.100		6061711	0.00000	0.000	00.00- 100.00		100.00
0	1 Tetrachloro-m-xylene					CAS# 877-09-8			
6.110	6.330	-0.100		1633900	0.00000	0.000	00.00- 100.00		100.00
0	34 Decachlorobiphenyl					CAS# 2051-24-3			
13.000	16.004	-0.100		6031433	0.00000	0.000	00.00- 100.00		100.00


Tetrachloroethylene (4.179)
beta-BHC (6.473)
delta-BHC (6.824)
Aldrin (7.963)
Heptachlor epoxide (9.266)
gamma-Chlordane (9.676)
alpha-Chlordane (9.795)
4,4'-DDE (10.333)
Endosulfan II (11.466)
Endrin aldehyde (11.896)
Endosulfan sulfate (11.161)
Endrin ketone (13.608)
Decachlorobiphenyl (18.900)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m22ap3.i/010116c.b/01081801.d
Lab Smp Id: C631 Client Smp ID: INDBE1
Inj Date : 17-OCT-2000 00:04
Operator : 001754 Inst ID: m22ap3.i
Smp Info : INDBE1
Misc Info :
Comment :
Method : /chem/ms/gcms/m22ap3.i/010116c.b/c1p30m.m
Meth Date : 31-Oct-2000 08:08 chemstem Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01081801.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 9-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * WF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
WF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

RT	RRT	RRT	Response	Amount (ug/L)	on-col (ng)	Target range	Marks
10 Alkalin					CAS No: 100-00-3		
7.733	7.093	-0.340	3660944	0.00000	0.079	00.00- 130.00	100.00
13 beta-BHC					CAS No: 319-85-7		
8.433	8.333	-0.300	713703	0.00000	0.070	00.00- 130.00	100.00
15 delta-BHC					CAS No: 319-86-8		
8.770	8.670	-0.300	3040843	0.00000	0.066	00.00- 130.00	100.00
16 Heptachlor epoxide					CAS No: 1024-57-3		
9.130	9.170	-0.300	3033894	0.00000	0.070	00.00- 130.00	100.00
18 gamma-Chlordane					CAS No: 5103-74-2		
9.600	9.340	-0.300	3774799	0.00000	0.081	00.00- 130.00	100.00

RT	RRT	RRF	RRF RT	Response	Conc. Int (ng)	Conc. Ext (ng)	Target Range	Qual
ms				counts	counts	units	concentration	check
37 nAphth-Chlordane						CAS #: 5103-71-9		
9.690	9.039	-0.160		10043977	0.00000	0.000	80.00- 120.00	100.00
38 4,4'-DDE						CAS #: 72-55-9		
10.063	10.422	-0.344		2666833	0.24000	0.27	80.00- 120.00	100.00
39 Endosulfan II						CAS #: 33213-65-9		
11.334	11.074	-0.260		3604013	0.16000	0.19	80.00- 120.00	100.00
40 Endrin aldehyde						CAS #: 7421-93-4		
11.336	11.304	-0.160		10434673	0.16000	0.19	80.00- 120.00	100.00
41 Endosulfan sulfate						CAS #: 1031-07-8		
11.893	11.449	-0.344		2497339	0.24000	0.25	80.00- 120.00	100.00
42 Endrin ketone						CAS #: 53494-70-5		
12.999	12.729	-0.260		3604341	0.16000	0.18	80.00- 120.00	100.00
43 Methoxychlor-p,p'isomer						CAS #: 072-43-5		
14.130	14.330	-0.100		13331060	0.00000	0.077	80.00- 120.00	100.00
44 Decachlorobiphenyl						CAS #: 2051-24-3		
15.000	16.600	-0.344		3104033	0.24000	0.25	80.00- 120.00	100.00

Y Axis
Tetrachloro-o-xylene (4.199)
beta-BHC (6.492)
delta-BHC (6.819)
Aldrin (7.046)
Heptachlor epoxide (9.367)
gamma-Chlordane (9.495)
alpha-Chlordane (9.765)
4,4'-DDE (10.130)
Endosulfan II (11.493)
Endrin aldehyde (12.290)
Endosulfan sulfate (12.163)
Endrin ketone (13.689)
Decachlorobiphenyl (18.907)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/010116c-x.b/01311301.d
Lab Smp Id: IN0011 Client Smp ID: IN0011
Inj Date : 16-OCT-2000 20:58
Operator : 001754 Inst ID: m2hp3.i
Smp Info : IN0011
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/010116c-x.b/clp30b.m
Meth Date : 23-Oct-2000 23:24 kmatsar Quant Type: ESTD
Cal Date : 16-OCT-2000 20:21 Cal File: 01301301.d
Als bottle: 13 Calibration Sample, Level: 1
DIL Factor: 1.00000
Integrator: Falsen Compound Sublist: 8-IN00A.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * VE * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
VE	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spad Variable Local Compound Variable

RT	RRT	RET	RRT	Amount (ug/L)	Amount (ug/L)	Range	Limit	Ratio
0	1 Tetrachloro-m-xylene				CAS #: 877-09-8			
6.333	0.318	-0.300		740037	0.00000	0.0000	00.00- 130.00	100.00
9	alpha-BHC				CAS #: 319-84-6			
6.777	0.997	-0.300		27891	0.00000	0.0046	00.00- 130.00	100.00
8	gamma-BHC(Lindane)				CAS #: 58-89-9			
7.968	7.744	-0.100		090730	0.00000	0.0067	00.00- 130.00	100.00
11	Heptachlor				CAS #: 76-44-8			
8.996	0.006	-0.100		031166	0.00000	0.0060	00.00- 130.00	100.00
13	Endosulfan I				CAS #: 959-98-8			
11.331	11.471	-0.100		711069	0.00000	0.0043	00.00- 130.00	100.00

RT	RRT	RF	RRF	RT	Response	CAL-MIN (mg)	CAL-COL (mg)	Height	Width	Area
30	Dieldrin						CAL 0:	60-57-1		
11.211	11.093	-0.140			1334310	0.01000	0.0099	00.00-	130.00	100.00
30	Endrin						CAL 0:	72-20-8		
12.211	11.693	-0.140			1310410	0.01000	0.0099	00.00-	130.00	100.00
31	4,4'-DDD						CAL 0:	72-54-8		
12.215	11.139	-0.140			1070103	0.01000	0.0094	00.00-	130.00	100.00
32	4,4'-DDT						CAL 0:	50-29-3		
13.106	12.734	-0.140			931103	0.01000	0.0094	00.00-	130.00	100.00
33	Methoxychlor						CAL 0:	72-43-5		
15.005	13.333	-0.140			2000196	0.09000	0.091	00.00-	130.00	100.00
P 34	Decachlorobiphenyl						CAL 0:	2051-24-3		
17.480	16.091	-0.100			1330096	0.01000	0.031	00.00-	130.00	100.00

Y (x10^6)
Tetrachloro-m-xylene (8.368)
alpha-BHC (6.097)
gamma-BHC(Lindane) (7.698)
Heptachlor (8.608)
Endosulfan I (11.693)
Dieldrin (11.999)
Endrin (12.893)
4,4'-DDD (13.097)
4,4'-DDT (13.686)
Methoxychlor (15.186)
Decachlorobiphenyl (17.999)

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ean/gcms/m2hp3.i/010166-r.b/01561501.d
Lab Smp Id: IND2AK1 Client Smp ID: IND2AK1
Inj Date : 16-OCT-2000 22:12
Operator : 001754 Inst ID: m2hp3.i
Smp Info : IND2AK1
Misc Info :
Comment :
Method : /chem/ean/gcms/m2hp3.i/010166-r.b/clp90b.m
Meth Date : 23-Oct-2000 23:24 kuntzerr Quant Type: ESTD
Cal Date : 16-OCT-2000 22:50 Cal File: 01621601.d
Als bottle: 15 Calibration Sample, Level: 2
DIL Factor: 1.00000
Integrator: Falcon Compound Suffix: 8-IND2A.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Spad Variable Local Compound Variable

RT	REP RT	DET RT	Response	Amount (ug/mL)	Amount (ug)	Name	Ratio
0	1. Tetrachloro-m-xylene				CAS #: 877-09-8		
9.318	8.333	-4.100	3633763	0.03000	0.030	00.00- 330.00	300.00
	3. alpha-BHC				CAS #: 319-84-6		
6.797	6.667	-0.100	4307233	0.03000	0.030	00.00- 330.00	300.00
	6. gamma-BHC(Lindane)				CAS #: 58-89-9		
7.660	7.560	-0.100	3693300	0.03000	0.030	00.00- 330.00	300.00
	11. Heptachlor				CAS #: 76-44-8		
8.996	8.896	-0.100	3168300	0.03000	0.030	00.00- 330.00	300.00
	18. Endosulfan I				CAS #: 959-98-8		
33.933	33.833	-0.100	3963674	0.03000	0.030	00.00- 330.00	300.00

RT	REP RT	DLT RT	AREA	CAL-REP (ng)	CONC (ng)	RANGE	RATIO
10 Bromobenzene					CAS #: 108-86-1		
11.933	11.931	-0.140	677003	0.04000	0.040	80.00- 120.00	100.00
30 Indene					CAS #: 95-13-6		
13.933	13.931	-0.140	916669	0.04000	0.040	80.00- 120.00	100.00
31 4,6-[illegible]					CAS #: 73-94-6		
13.933	13.139	-0.140	497476	0.04000	0.040	80.00- 120.00	100.00
32 4,6-[illegible]					CAS #: 90-12-0		
15.906	15.724	-0.160	614766	0.04000	0.040	80.00- 120.00	100.00
33 Naphthalene					CAS #: 91-20-3		
15.905	15.333	-0.160	939056	0.04000	0.040	80.00- 120.00	100.00
0 34 Hexachlorobutadiene					CAS #: 87-68-3		
17.000	16.940	-0.200	444399	0.04000	0.040	80.00- 120.00	100.00

Tetrachloro-m-xylene (8.366)
alpha-BHC (6.907)
gamma-BHC(Lindane) (7.690)
Heptachlor (8.605)
Endosulfan I (11.402)
Dieldrin (11.982)
Endrin (12.502)
4,4'-DDD (13.065)
4,4'-DDT (13.687)
Methoxychlor (18.186)
Decachlorobiphenyl (17.987)
Page 1

SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ean/gcms/m22ap3.i/010116c-r.b/01741701.d
Lab Smp Id: INDAHI Client Smp ID: INDAHI
Inj Date : 16-OCT-2000 23:27
Operator : 001754 Inst ID: m22ap3.i
Smp Info : INDAHI
Misc Info :
Comment :
Method : /chem/ean/gcms/m22ap3.i/010116c-r.b/elp90b.m
Meth Date : 23-Oct-2000 23:24 kunkoxr Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01081001.d
Als bottle: 17 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8-INDA.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * SpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

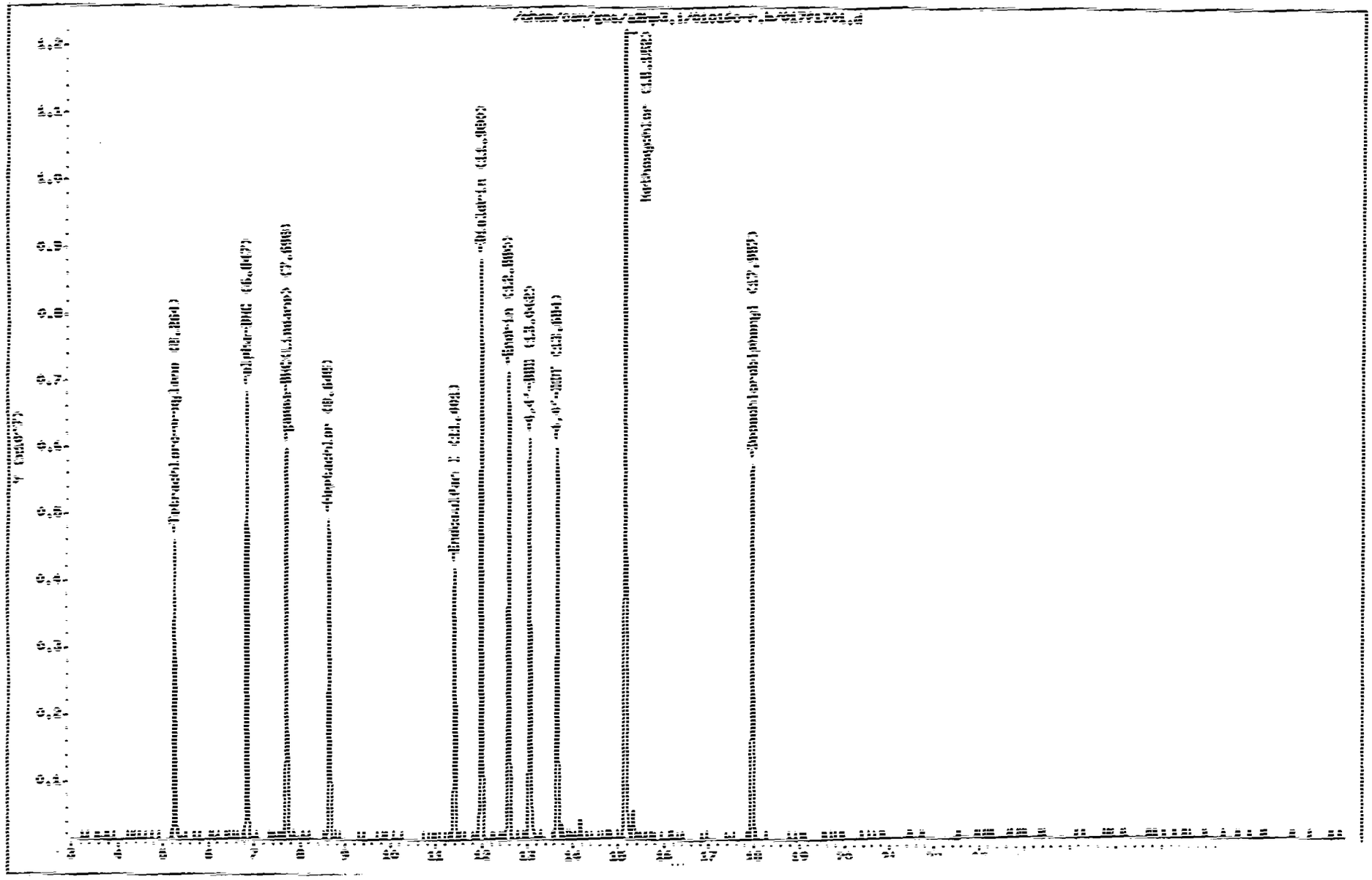
Spad Variable Local Compound Variable

RT	EXP RT	DLT RT	Response	Amount (ng/ug)	CAS #	Match	Qual
				ug/mL ug/ug			
8	3 Tetrachloro-m-xylene				CAS #: 877-09-8		
8.315	8.339	-0.100	1737723	0.00000 0.073	00.00- 130.00	100.00	
9	alpha-BHC				CAS #: 319-84-6		
8.947	8.897	-0.100	1763999	0.00000 0.004	00.00- 130.00	100.00	
10	gamma-BHC (Lindane)				CAS #: 58-89-9		
9.440	9.340	-0.100	1673470	0.00000 0.003	00.00- 130.00	100.00	
13	Heptachlor				CAS #: 76-44-8		
10.934	10.896	-0.100	1597443	0.00000 0.003	00.00- 130.00	100.00	
19	Endosulfan I				CAS #: 959-98-8		
11.933	13.471	-0.100	1363335	0.00000 0.003	00.00- 130.00	100.00	

RT	REP RT	DET RT	Amount	CAL-AMT (ng)	CH-COL (ng)	Name	Match	Ratio
10 Chloride					CAS #: 60-97-3			
11.933	12.061	-0.100	39001339	0.36000	0.34	00.00-	330.00	300.00
20 Bromide					CAS #: 74-80-4			
13.811	13.692	+0.300	30990300	0.34000	0.36	00.00-	330.00	300.00
31 6,4'-DDD					CAS #: 72-54-8			
33.979	33.139	+0.140	39993906	0.36000	0.37	00.00-	330.00	100.00
34 6,4'-DDT					CAS #: 50-29-3			
39.566	38.734	+0.160	37937003	0.36000	0.37	00.00-	330.00	100.00
39 Methoxychlor					CAS #: 72-43-5			
39.009	39.335	-0.100	36900506	0.00000	0.70	00.00-	330.00	100.00
0 40 Bromochlorobiphenyl					CAS #: 2051-24-3			
37.091	38.060	-0.200	37330009	0.36000	0.34	00.00-	330.00	300.00

Data File: /chem/ocm/gcms/ms3.i/010160-r.b/017701701.d
Date : 16-OCT-2000 23:27
Client ID: [illegible]
Sample Info: [illegible]
Volume Injected (uL): 1.0
Column Phase: Rtx-CLP2 PESTICIDES

Instrument: ms3.i
Operator: 001754
Column diameter: 0.53



Caution

RT	RRT	RA	SA.2 RT	AMOUNT	CAL-RRT (ng)	OR-COL (ng)	TARGET RANGE	MATCH
40								
17 alpha-Chlordane						CAS #: 5103-71-9		
31.873	11.431	-0.140		741000	0.00000	0.0044	80.00- 120.00	100.00
19 4,4'-DDE						CAS #: 72-55-9		
31.701	11.319	-0.140		3109033	0.01000	0.0021	80.00- 120.00	100.00
33 Endosulfan II						CAS #: 33213-65-9		
13.971	33.133	-0.140		1363923	0.01000	0.0008	80.00- 120.00	100.00
34 Endrin aldehyde						CAS #: 7421-93-4		
13.496	11.034	-0.140		1074163	0.01000	0.0006	80.00- 120.00	100.00
35 Endosulfan sulfate						CAS #: 1031-07-8		
34.357	16.337	-0.140		3336173	0.01000	0.0033	80.00- 120.00	100.00
36 Endrin ketone						CAS #: 53494-70-5		
15.344	39.406	-0.140		1107094	0.01000	0.0040	80.00- 120.00	100.00
0 3 Tetrachloro-m-xylene						CAS #: 877-09-8		
9.315	9.319	-0.100		731001	0.00900	0.0009	80.00- 120.00	100.00
0 38 Decachlorobiphenyl						CAS #: 1093-86-3		
37.086	10.034	-0.100		2374063	0.01000	0.013	80.00- 120.00	100.00

Tetrachloro-m-xylene (8.385)
p,p'-DDE (7.970)
p,p'-DDD (9.620)
Dieldrin (9.915)
Heptachlor epoxide (10.620)
gamma-Chlordane (11.033)
alpha-Chlordane (11.300)
4,4'-DDT (11.661)
Endosulfan II (11.963)
Endrin aldehyde (11.766)
Endosulfan sulfate (12.320)
Endrin ketone (12.336)
Decachlorobiphenyl (12.999)

SOUTHERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ems/gcms/m2hp3.i/01016c-x.b/016f1601.d
Lab Smp Id: 1N0DM1 Client Smp ID: 1N0DM1
Inj Date : 16-OCT-2000 22:50
Operator : 001754 Inst ID: m2hp3.i
Smp Info : 1N0DM1
Misc Info :
Comment :
Method : /chem/ems/gcms/m2hp3.i/01016c-x.b/c1p30b.m
Meth Date : 23-Oct-2000 23:24 Instrument Quant Type: ISTD
Cal Date : 16-OCT-2000 22:50 Cal File: 016f1601.d
Als bottle: 16 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Suboint: 9-1N0B.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (uL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpnd Variable Local Compound Variable

Amounts

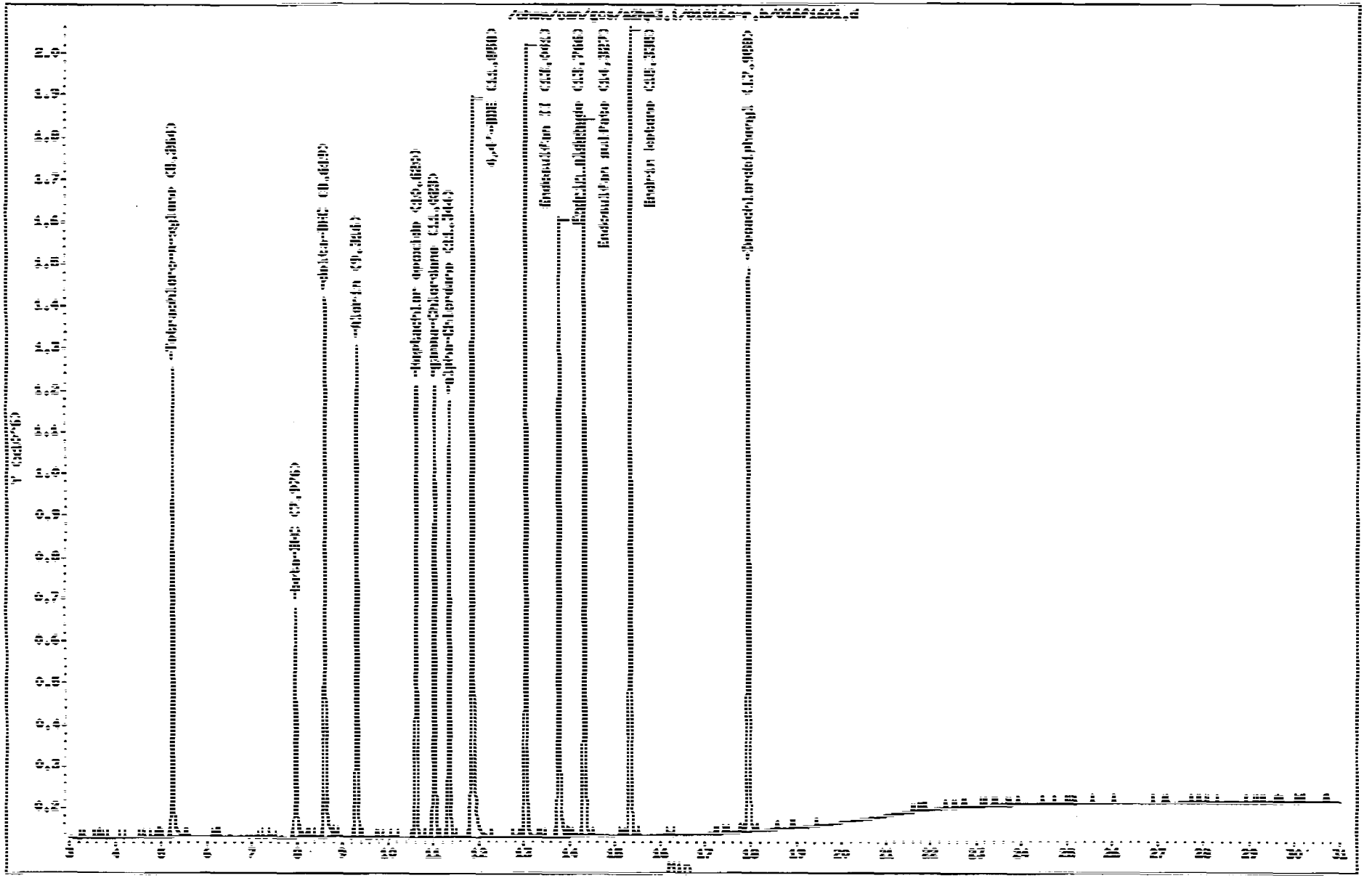
RT	RRT RS	Area RT	Response	CAS-NO (ng)	OU-COL (ng)	Target range	Ratio
11 Kidrin				CAS #: 309-00-2			
1.367	0.907	-0.100	3399089	0.03000	0.030	00.00- 130.00	100.00
7 Beta-BHC				CAS #: 319-85-7			
7.937	0.937	-0.100	3034099	0.03000	0.030	00.00- 130.00	100.00
9 delta-BHC				CAS #: 319-86-8			
8.949	0.969	-0.100	3740999	0.03000	0.030	00.00- 130.00	100.00
13 Heptachlor epoxide				CAS #: 1024-57-3			
10.190	10.690	-0.140	3163999	0.03000	0.030	00.00- 130.00	100.00
14 gamma-Chlordane				CAS #: 5103-74-2			
10.993	11.093	-0.140	3309349	0.03000	0.030	00.00- 130.00	100.00

Unknown

RT	RRT	RA	Area	Amount (ug)	CAS-NUM (mg)	Name	Match	Ratio
17					CAS #: 9300-71-0			
11.373	11.433	-0.100	3077633	0.03000	0.030	00.00- 130.00	100.00	
19			4,6'-DDE		CAS #: 72-55-9			
11.703	11.770	-0.140	6272433	0.04000	0.040	00.00- 130.00	100.00	
21			Endosulfan II		CAS #: 33213-65-9			
13.971	13.113	-0.140	5639338	0.06000	0.060	00.00- 130.00	100.00	
24			Endrin aldehyde		CAS #: 7421-93-4			
13.406	13.036	-0.140	6473194	0.04000	0.040	00.00- 130.00	100.00	
25			Endosulfan sulfate		CAS #: 1031-07-8			
14.337	14.337	-0.160	6002394	0.04000	0.040	00.00- 130.00	100.00	
30			Endrin ketone		CAS #: 53494-70-5			
15.304	15.406	-0.140	6670770	0.06000	0.060	00.00- 130.00	100.00	
4	3		*Tetrachloro-m-xylene*		CAS #: 877-09-8			
5.316	5.339	-0.100	3904013	0.02000	0.020	00.00- 130.00	100.00	
8	30		Decachlorobiphenyl		CAS #: 2051-24-3			
17.050	16.093	-0.100	4307603	0.04000	0.040	00.00- 130.00	100.00	

Data File: /chem/ms/gcs/ms3.1/010100-r.b/01601601.d
Date : 16-OCT-2000 22:50
Client ID: INBBH
Sample Info: INBBH
Volume Injected (uL): 1.0
Column phase: Rtx-CLP2 PES1101MS

Instrument: ms3.1
Operator: [illegible]
Column diameter: 0.53



SEVERN TRENT LABORATORIES, INC.-NORTH CANTON

Data File : /chem/ms/gcms/m2hp3.i/01016c-r.b/01011001.d
Lab Smp Id: INDBK1 Client Smp ID: INDBK1
Inj Date : 17-OCT-2000 00:04
Operator : 001754 Inst ID: m2hp3.i
Smp Info : INDBK1
Misc Info :
Comment :
Method : /chem/ms/gcms/m2hp3.i/01016c-r.b/c1p30b.m
Meth Date : 23-Oct-2000 23:24 kamboor Quant Type: ESTD
Cal Date : 17-OCT-2000 00:04 Cal File: 01011001.d
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 9-INDB.sub
Target Version: 3.50 Sample Matrix: WATER

Concentration Formula: Amt * DF * CF * Vt/(Vo * Vi) * CpadVariable

Name	Value	Description
DF	1.00000	Dilution Factor
CF	1.00000	GPC Correction Factor
Vt	10000.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)
Vi	1.00000	Volume injected (uL)

Cpad Variable Local Compound Variable

RT	EXP RT	DELTA RT	RESPONSE	CONC (ug)	CONC (ug)	TARGET RANGE	MATCH
31 Mirex					CAS #: 909-00-8		
9.347	9.367	-0.100	13333600	0.00000	0.070	00.00- 130.00	100.00
7 beta-BHC					CAS #: 319-00-7		
7.337	7.037	-0.100	9033003	0.00000	0.073	00.00- 130.00	100.00
9 delta-BHC					CAS #: 319-00-8		
8.369	8.669	-0.100	16900003	0.00000	0.900	00.00- 130.00	100.00
33 Heptachlor epoxide					CAS #: 1024-57-3		
10.960	10.694	-0.160	13330079	0.00000	0.077	00.00- 130.00	100.00
34 gamma-Chlordane					CAS #: 5103-74-3		
10.993	11.033	-0.160	13701006	0.00000	0.079	00.00- 130.00	100.00