

User: Nefiu, Marcela
Westchester Dept. of Labs & Research
Date: 09/23/2001 Time: 13:14:54

Sample: AD22485
Analysis: SC1508 Organochlorine Pesticides Calibration
Units: ug
Started: 9/15/01 12:54 Ended: 9/22/01 12:54 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		0.22		0.040
2	Lindane		0.32		0.030
3	Heptachlor		0.11		0.020
4	Aldrin		0.14		0.010
5	Heptachlor Epoxide		0.27		0.030
6	4,4-DDE		0.48		0.080
7	Dieldrin		0.090		0.016
8	Endrin		0.24		0.020
9	Methoxychlor		0.47		0.039
10	Chlordane		0.37		0.40
11	Toxaphene		3.8		0.40
12	PCB's		0.20		0.20
13	Surr_2,4-DDD		0.20		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC2.D\ECD1A.CH Vial: 70
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC2.D\ECD2B.CH
 Acq On : 21 Sep 2001 8:15 am Operator: Nefliu
 Sample : pest ic2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 13:17 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 13:17:11 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

init. cal. 24h

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	37.75	34.70	851713	1153317	0.200	0.202m
Spiked Amount	0.200		Recovery	=	100.00%	101.00%
Target Compounds						
1) PROPACHLOR	17.50	16.35	143189	173064	0.216 <i>108%</i>	0.202
2) g-BHC	23.89	21.48	2178507	3103505	0.319 <i>114%</i>	0.289
3) HEPTACHLOR	26.63	22.92	521230	813796	0.108 <i>113%</i>	0.095
4) ALDRIN	29.15	25.04	1037007	1294519	0.136 <i>113%</i>	0.120
5) HEPTACHLOR EPOXI	32.94	30.11	1761719	2372217	0.272 <i>113%</i>	0.242
6) 4,4'-DDE	36.29	33.11	3155470	4167213	0.476 <i>119%</i>	0.415
7) DIELDRIN	36.63	33.80	518763	737102	0.090 <i>113%</i>	0.079
8) ENDRIN	38.83	34.84	1031858	1310920	0.239m <i>120%</i>	0.226m
9) METHOXYCHLOR	50.92	42.17	847339	1068780	0.473 <i>112%</i>	0.412

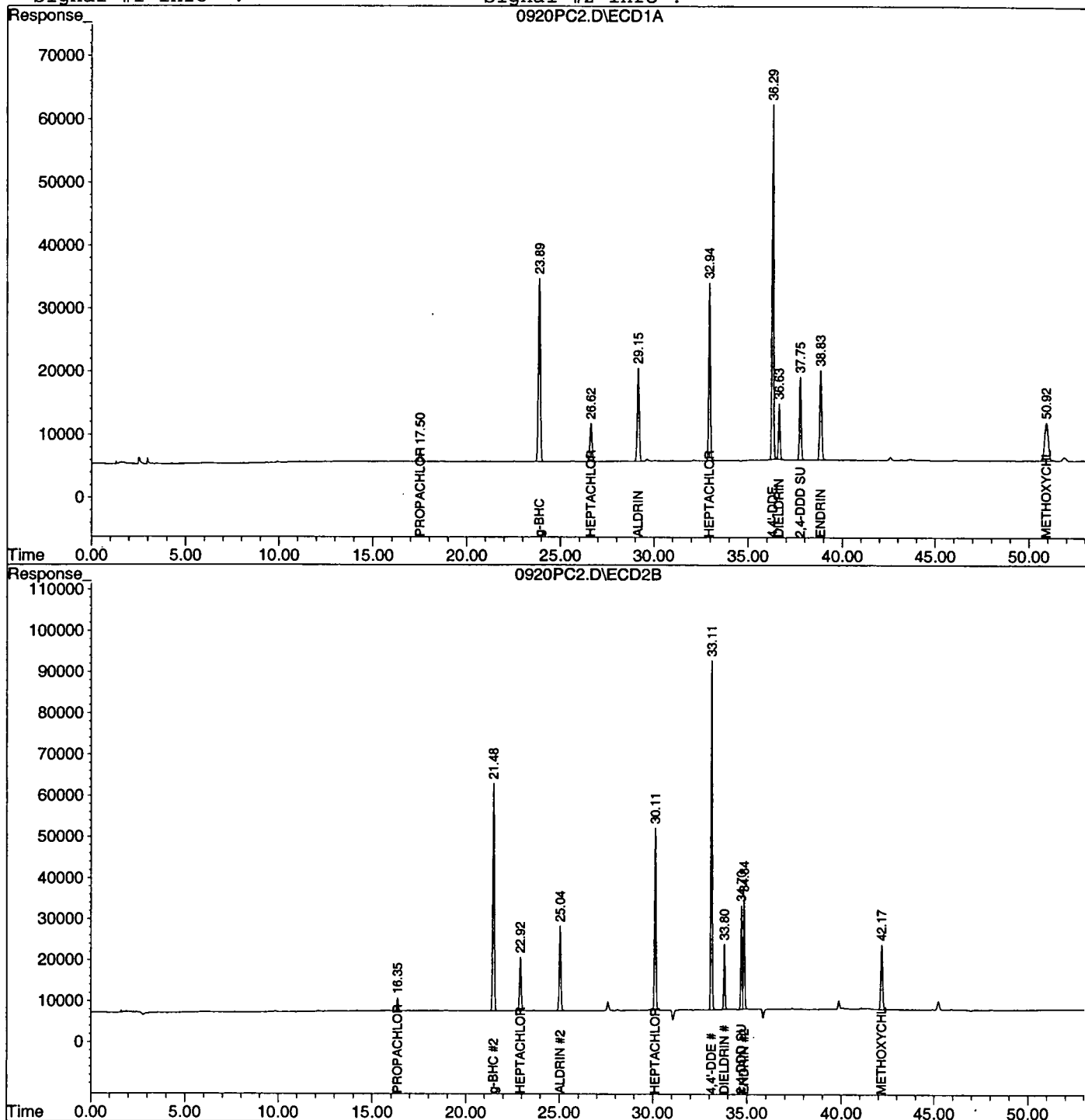
OK
reported values

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC2.D\ECD1A.CH Vial: 70
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC2.D\ECD2B.CH
Acq On : 21 Sep 2001 8:15 am Operator: Nefliu
Sample : pest ic2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 13:17 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 21 13:17:11 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase :
Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C1.D\ECD1A.CH Vial: 12
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C1.D\ECD2B.CH
 Acq On : 20 Sep 2001 4:50 pm Operator: Nefliu
 Sample : chlordan ccv1 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 7:58 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Aug 14 12:03:20 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

1)	CHLORDANE PEAK 1	32.76	32.14	66341	384446	0.403	0.389
2)	CHLORDANE PEAK 2	33.90	32.45	289706	560300	0.365m	0.398
3)	CHLORDANE PEAK 3	34.83	36.30	242225	131233	0.334m	0.421 #

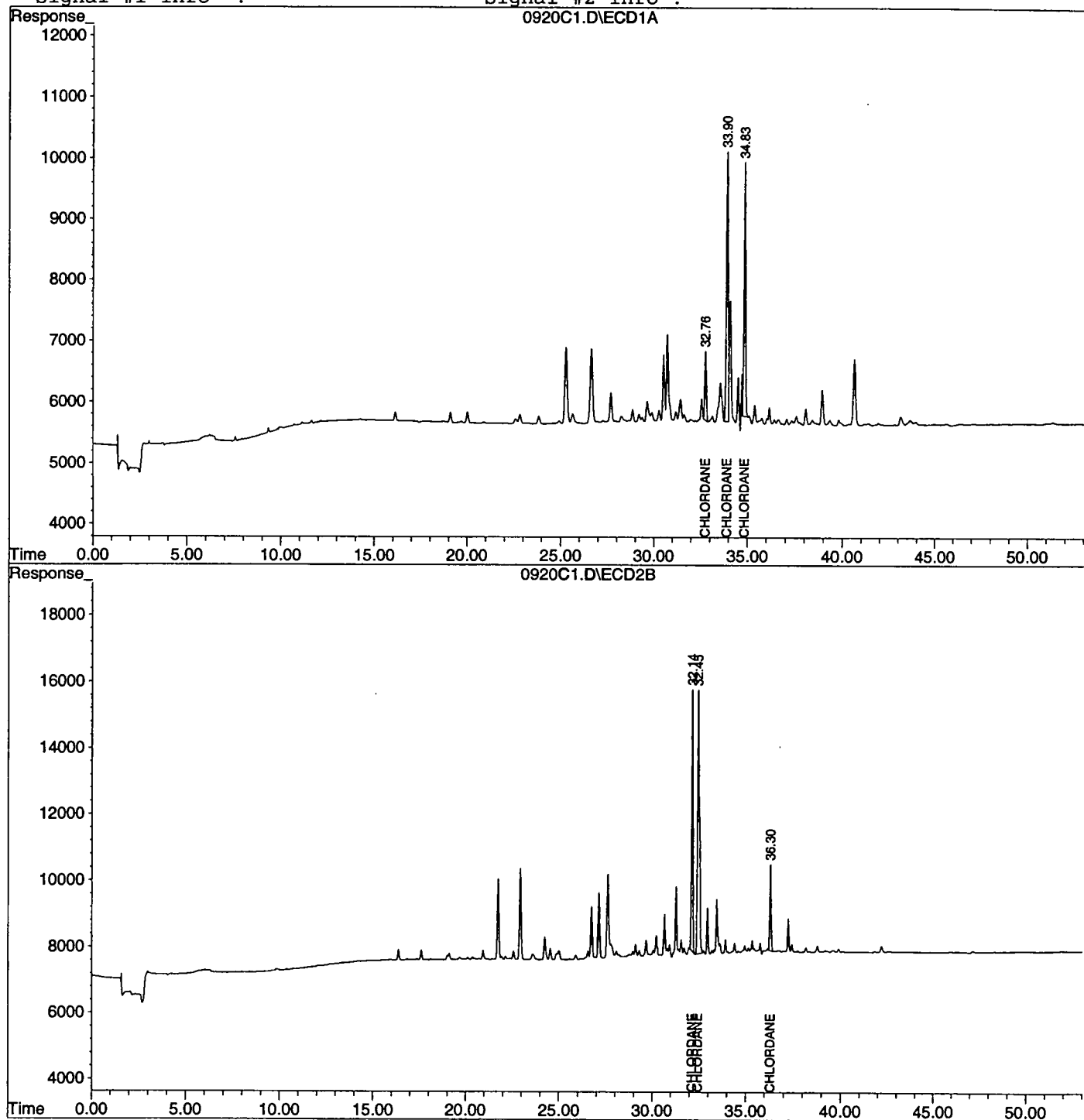
$\bar{x} = 0.3\%$
 (93%)
 reported val

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C1.D\ECD1A.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C1.D\ECD2B.CH
Acq On : 20 Sep 2001 4:50 pm Operator: Nefliu
Sample : chlordane ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 7:58 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Aug 14 12:03:20 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC2.D\ECD1A.CH Vial: 74
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC2.D\ECD2B.CH
Acq On : 22 Sep 2001 4:23 pm Operator: Nefliu
Sample : toxaphene ccv2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 23 11:56 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Wed Sep 05 14:19:35 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	37.76	34.68	744863	1194254	0.205m	0.226
Spiked Amount	0.200		Recovery	=	102.50%	113.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.98	35.92	101338	78776	4.341m	3.048 #
2) TOXAPHENE PEAK 2	40.17	37.50	161104	357664	3.594m	3.951
3) TOXAPHENE PEAK 3	41.91	39.61	212829	248136	3.568m	4.395
4) TOXAPHENE PEAK 4	47.89	40.79	494142	287361	3.905	5.487 #
5) TOXAPHENE PEAK 5	47.27	41.92	357423	146202	3.833m	3.932m

$\bar{x} = 3.8$ (119%)

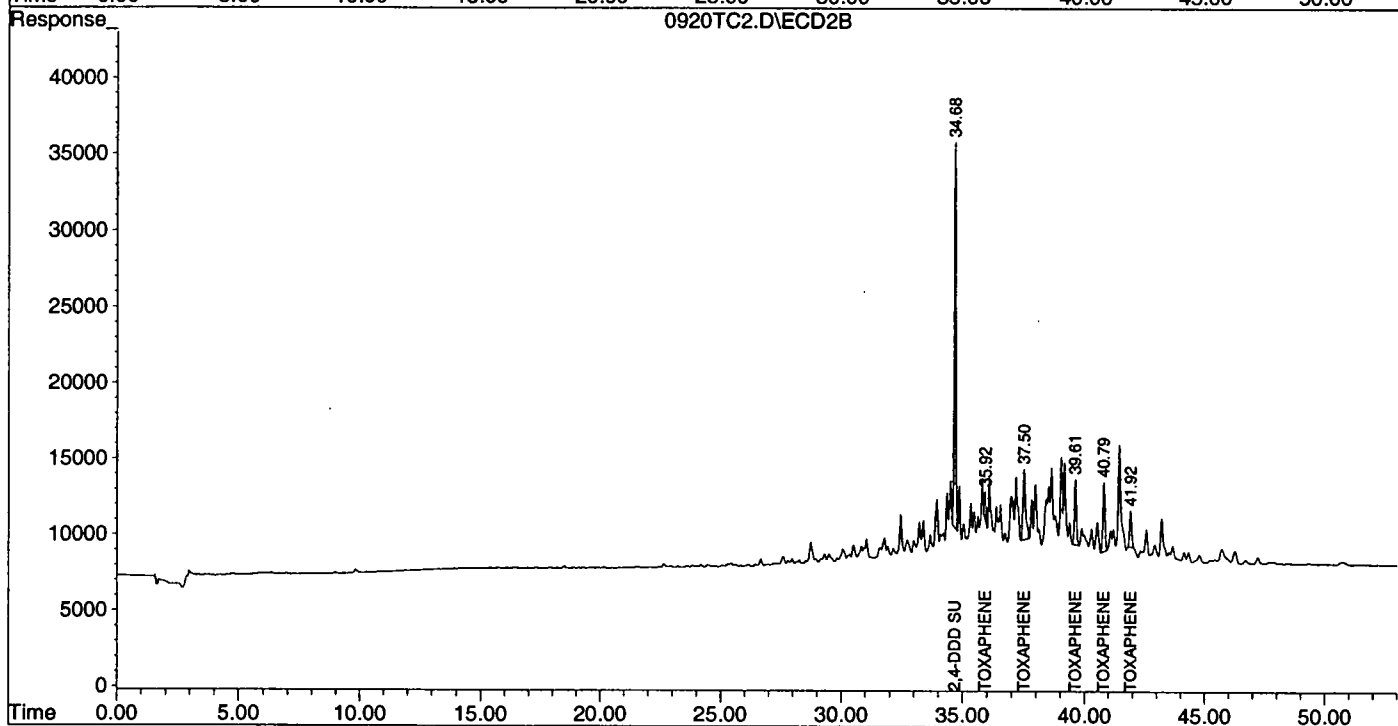
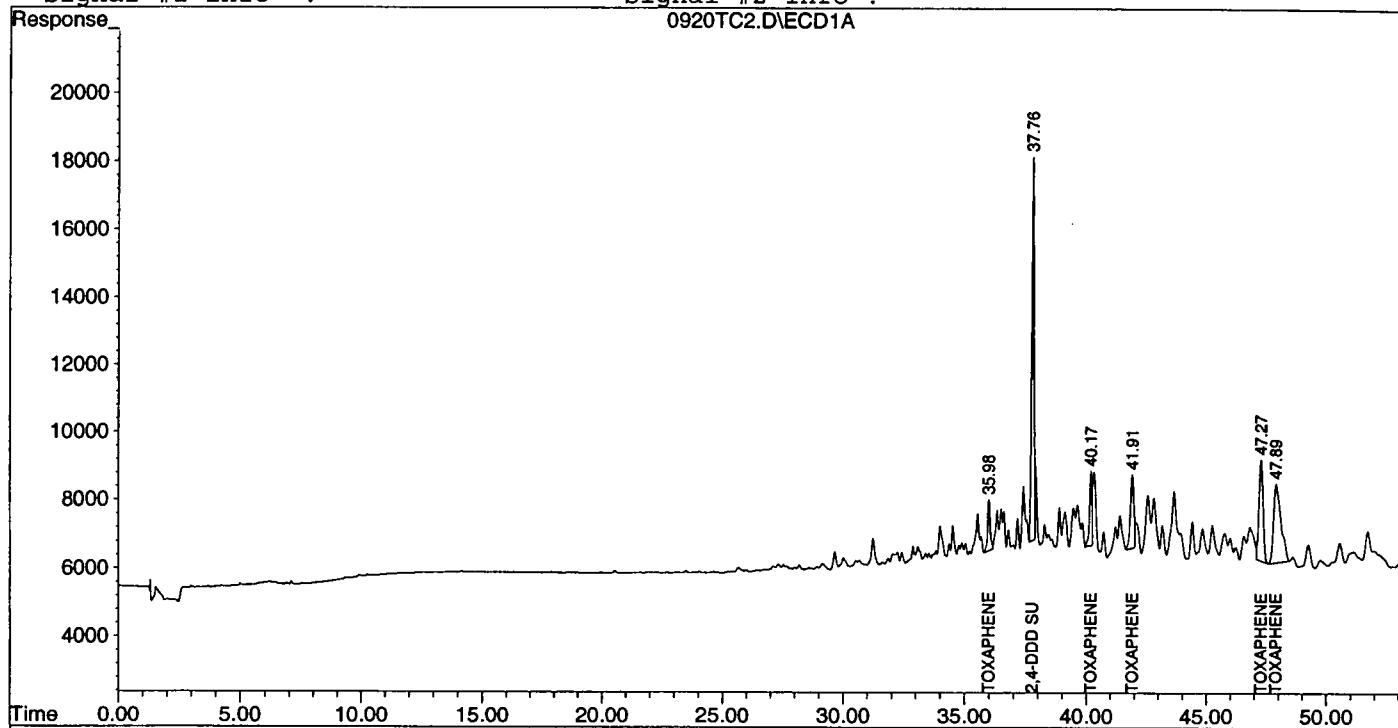
reported val.

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC2.D\ECD1A.CH Vial: 74
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC2.D\ECD2B.CH
Acq On : 22 Sep 2001 4:23 pm Operator: Nefliu
Sample : toxaphene ccv2 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 23 11:56 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Wed Sep 05 14:19:35 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC1.D\ECD1A.CH Vial: 8
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC1.D\ECD2B.CH
 Acq On : 20 Sep 2001 1:22 pm Operator: Nefliu
 Sample : PEST ~~jet~~ *CON 1 MN* Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 8:21 2001 Quant Results File: 010918P.RES

Quant Method : C:\HPCHEM\1\METHODS\010918P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

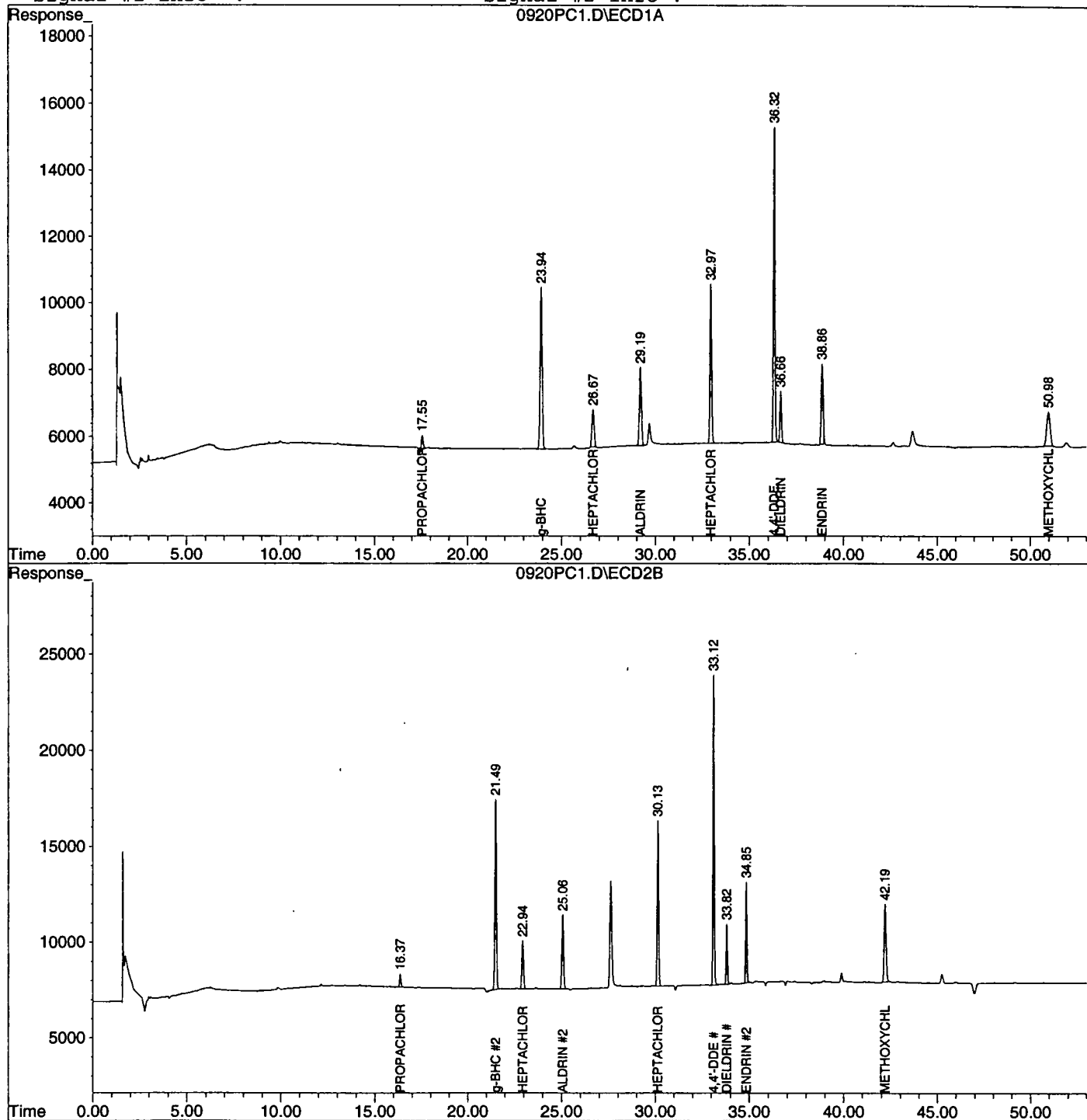
1)	PROPACHLOR	17.55	16.37	26276	35083	0.048m <i>120%</i>	0.046
2)	g-BHC	23.94	21.50	365098	548900	0.061 <i>109%</i>	0.058
3)	HEPTACHLOR	26.67	22.95	89852	156069	0.022m <i>116%</i>	0.022
4)	ALDRIN	29.19	25.06	172564	245448	0.024 <i>100%</i>	0.025
5)	HEPTACHLOR EPOXI	32.98	30.13	299867	458781	0.052 <i>108%</i>	0.052
6)	4,4'-DDE	36.32	33.12	499807	736615	0.081 <i>101%</i>	0.084
7)	DIELDRIN	36.66	33.82	90924	145737	0.018 <i>113%</i>	0.018
8)	ENDRIN	38.86	34.85	164358	236146	0.048m <i>120%</i>	0.046
9)	METHOXYCHLOR	50.98	42.19	136072	289642	0.096m <i>120%</i>	0.148m#

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC1.D\ECD1A.CH Vial: 8
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC1.D\ECD2B.CH
 Acq On : 20 Sep 2001 1:22 pm Operator: Nefliu
 Sample : PEST ic1 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 8:21 2001 Quant Results File: 010918P.RES

Quant Method : C:\HPCHEM\1\METHODS\010918P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920PC1.D\ECD1A.CH Vial: 76
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920PC1.D\ECD2B.CH
Acq On : 21 Sep 2001 10:11 am Operator: Nefliu
Sample : pest ic1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 13:11 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator),
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 21 08:05:39 2001
Response via : Initial Calibration
DataAcq Meth : 508F.M

*init. cal. after
m h*

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

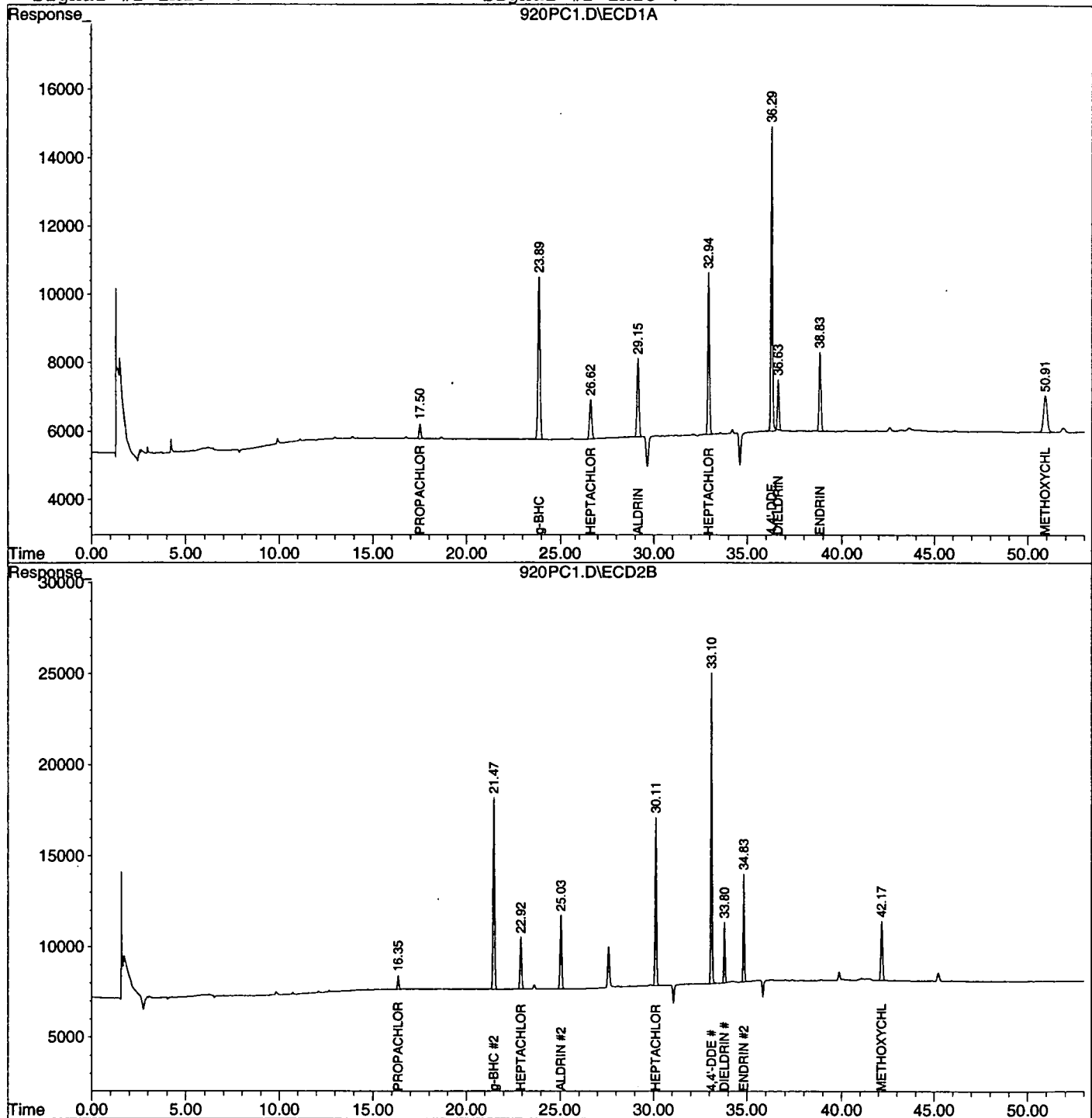
1)	PROPACHLOR	17.50	16.35	29242	38834	0.044	110%	0.045
2)	g-BHC	23.89	21.47	360696	585435	0.053	95%	0.054
3)	HEPTACHLOR	26.63	22.92	98275	174735	0.020	105%	0.020
4)	ALDRIN	29.15	25.04	168581	259844	0.022	92%	0.024
5)	HEPTACHLOR EPOXI	32.94	30.11	296100	487052	0.046	96%	0.050
6)	4,4'-DDE	36.29	33.10	481970	789894	0.073	91%	0.079
7)	DIELDRIN	36.63	33.80	86594	153764	0.015	94%	0.016
8)	ENDRIN	38.83	34.84	162552	266266	0.038	95%	0.046
9)	METHOXYCHLOR	50.91	42.17	144662	214105	0.081	101%	0.082

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920PC1.D\ECD1A.CH Vial: 76
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920PC1.D\ECD2B.CH
Acq On : 21 Sep 2001 10:11 am Operator: Nefliu
Sample : pest icl Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 13:11 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 21 08:05:39 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920P2C3.D\ECD1A.CH Vial: 78
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920P2C3.D\ECD2B.CH
 Acq On : 21 Sep 2001 12:12 pm Operator: Nefliu
 Sample : pest ic3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 13:19 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 13:17:11 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

int. cal after 24h

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

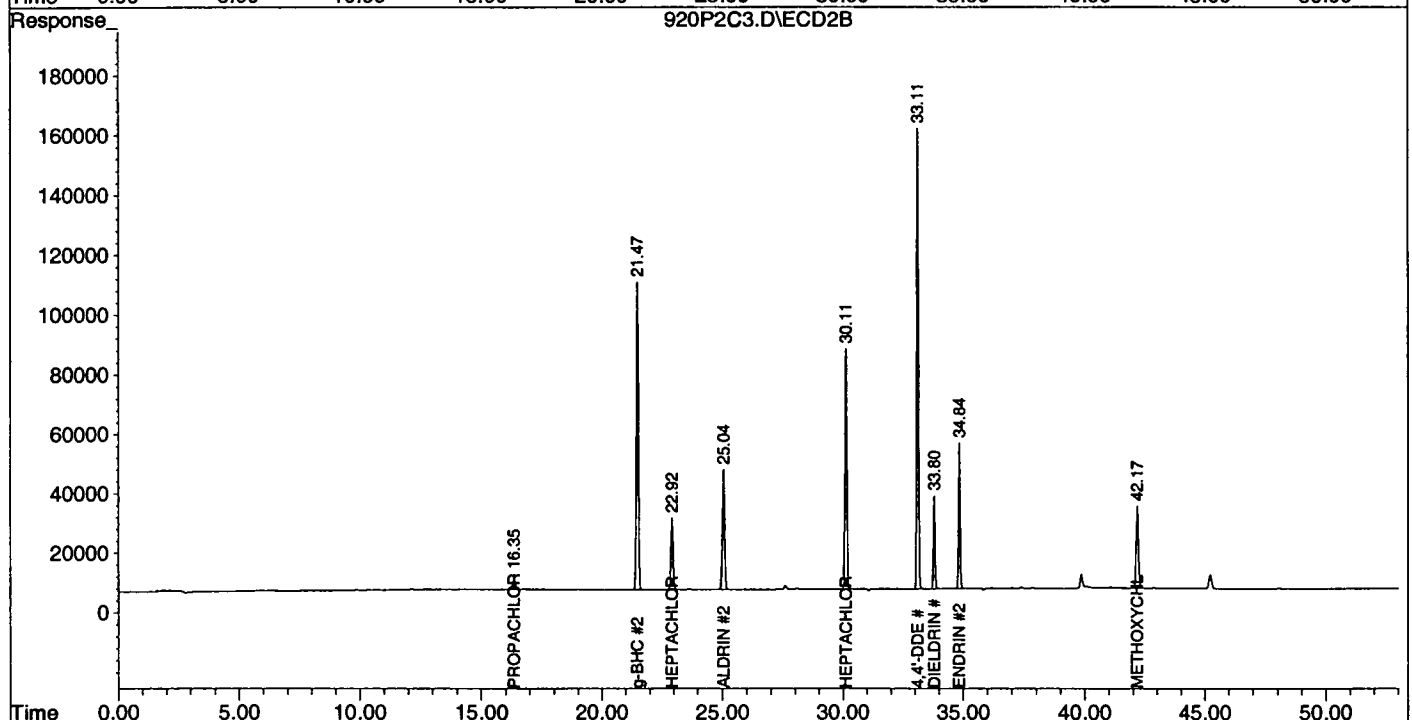
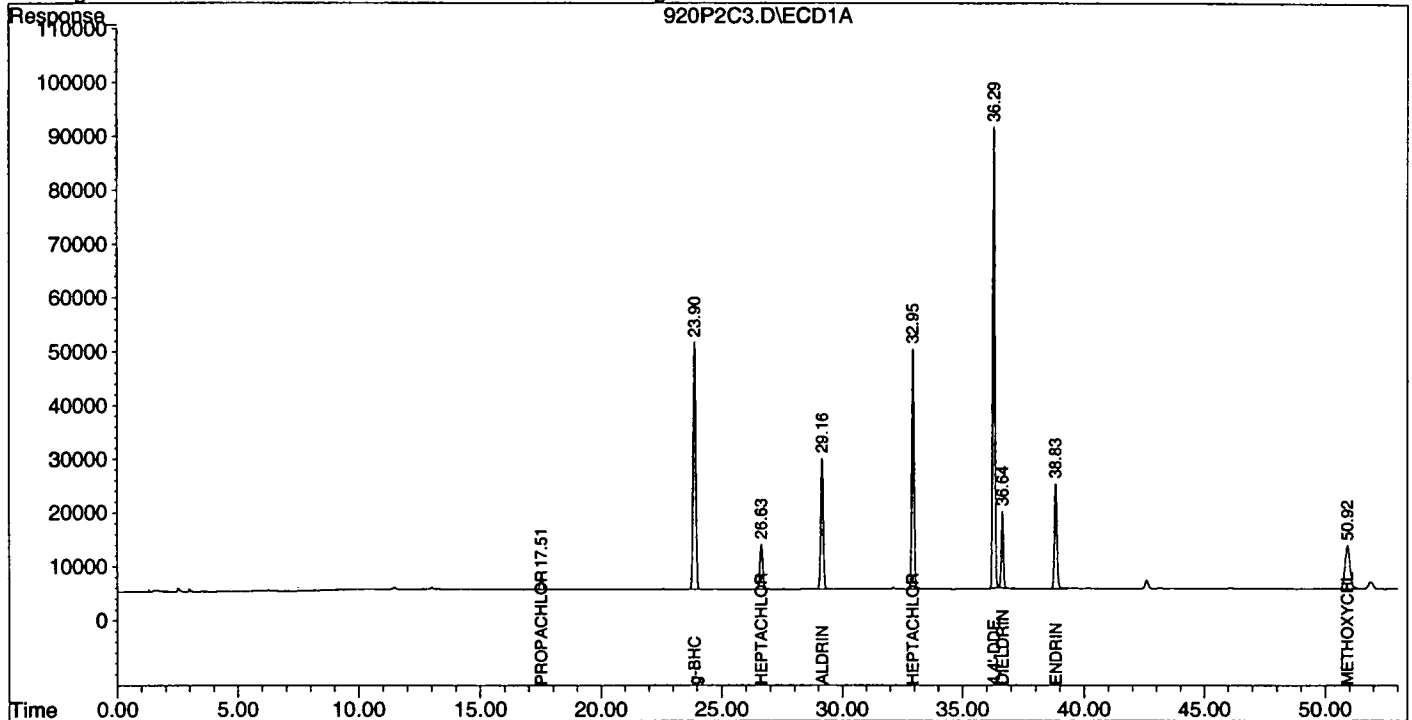
1)	PROPACHLOR	17.51	16.35	217375	295703	0.328 <i>82%</i>	0.344
2)	g-BHC	23.90	21.48	3493346	6000714	0.512 <i>91%</i>	0.558
3)	HEPTACHLOR	26.63	22.93	743450	1520699	0.155m <i>82%</i>	0.178
4)	ALDRIN	29.16	25.04	1756194	2556600	0.229m <i>95%</i>	0.238
5)	HEPTACHLOR EPOXI	32.95	30.12	2838665	4475355	0.439m <i>91%</i>	0.457
6)	4,4'-DDE	36.29	33.11	4875226	7855550	0.736 <i>92%</i>	0.783
7)	DIELDRIN	36.64	33.80	855589	1461464	0.149 <i>93%</i>	0.157
8)	ENDRIN	38.83	34.84	1462712	2360548	0.338 <i>85%</i>	0.408
9)	METHOXYCHLOR	50.92	42.17	1158854	1951175	0.647 <i>81%</i>	0.752

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920P2C3.D\ECD1A.CH Vial: 78
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920P2C3.D\ECD2B.CH
 Acq On : 21 Sep 2001 12:12 pm Operator: Nefliu
 Sample : pest ic3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 13:19 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 13:17:11 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920PUR.D\ECD1A.CH Vial: 80
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920PUR.D\ECD2B.CH
 Acq On : 21 Sep 2001 1:10 pm Operator: Nefliu
 Sample : pest unextracted ref Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 14:05 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

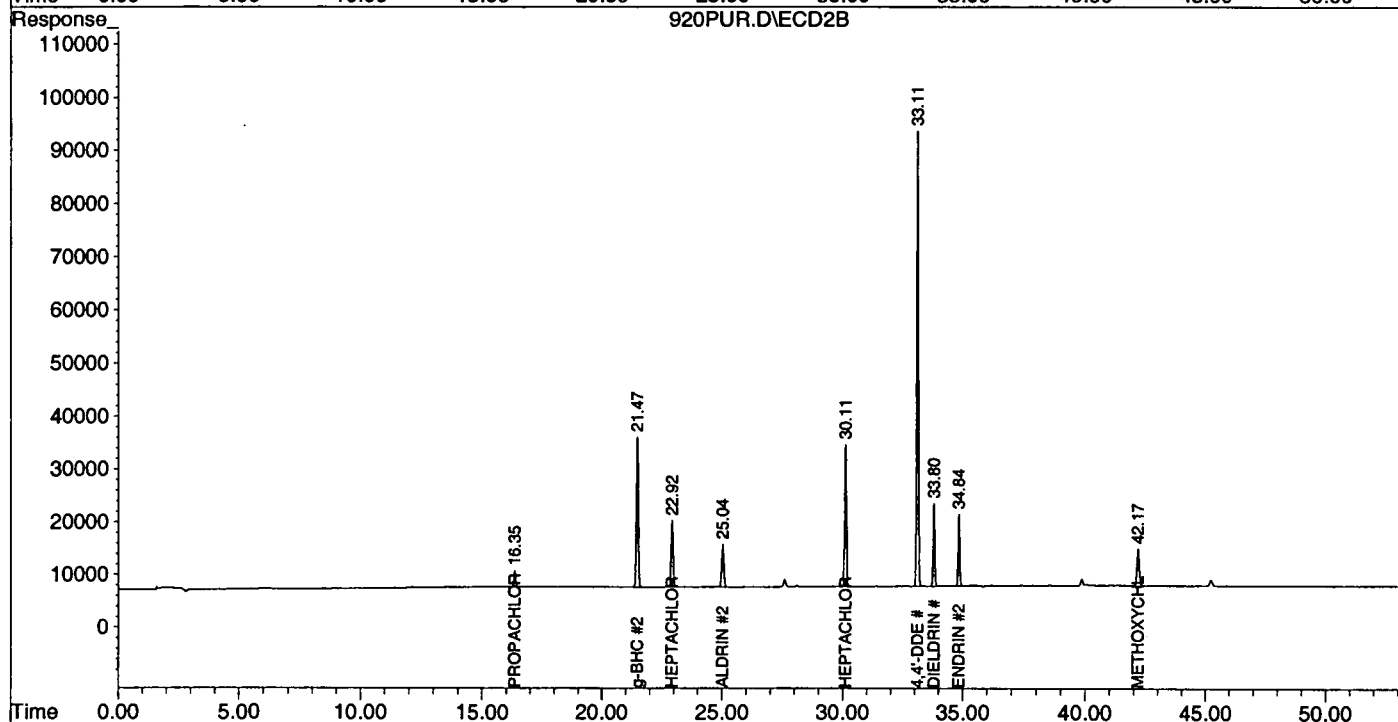
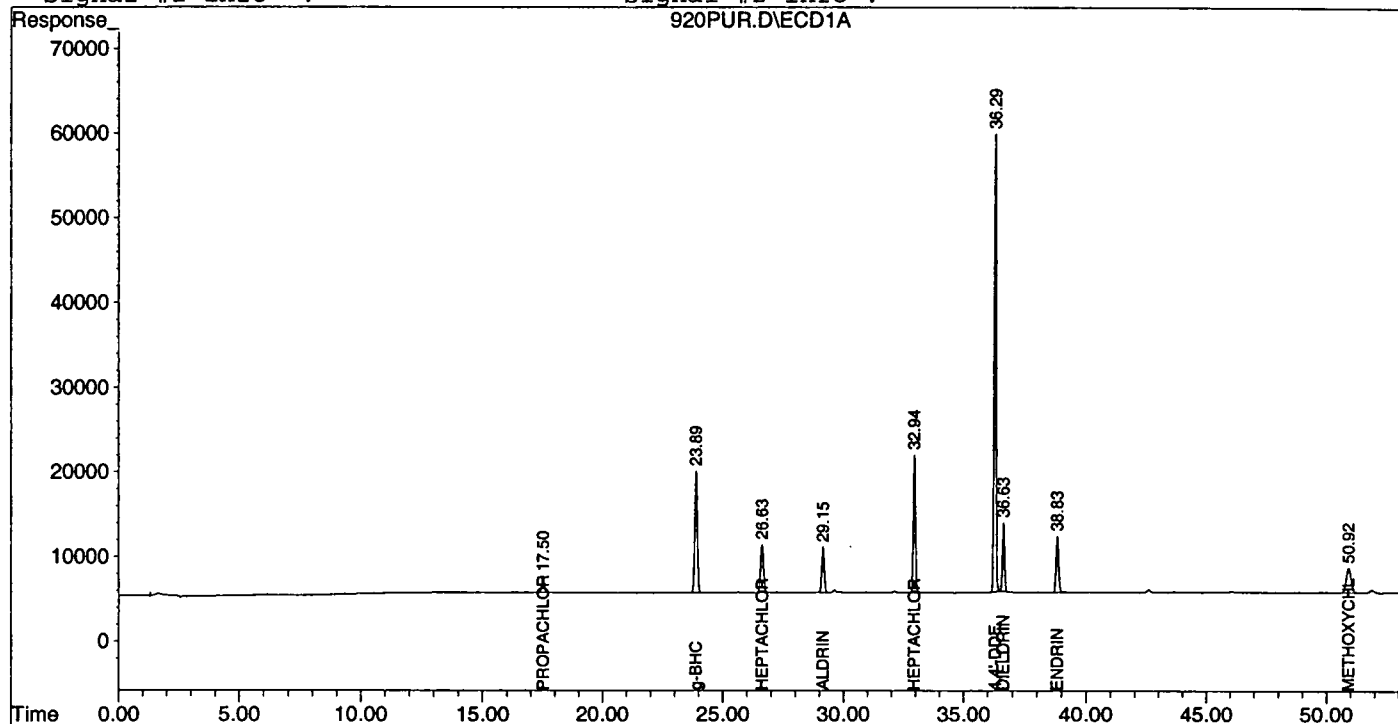
1)	PROPACHLOR	17.50	16.35	135102	168568	0.204 <i>102%</i>	0.196
2)	g-BHC	23.89	21.47	1072007	1563656	0.157 <i>105%</i>	0.145
3)	HEPTACHLOR	26.63	22.92	498187	785903	0.104 <i>104%</i>	0.092
4)	ALDRIN	29.15	25.04	392460	518723	0.051 <i>102%</i>	0.048
5)	HEPTACHLOR EPOXI	32.94	30.11	1008150	1419251	0.156 <i>104%</i>	0.145
6)	4,4'-DDE	36.29	33.11	3039890	4155542	0.459 <i>115%</i>	0.414
7)	DIELDRIN	36.63	33.80	486401	721079	0.085 <i>106%</i>	0.077
8)	ENDRIN	38.83	34.84	479442	627318	0.111 <i>111%</i>	0.108
9)	METHOXYCHLOR	50.92	42.17	412778	470785	0.230 <i>112%</i>	0.181

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\920PUR.D\ECD1A.CH Vial: 80
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\920PUR.D\ECD2B.CH
Acq On : 21 Sep 2001 1:10 pm Operator: Nefliu
Sample : pest unextracted ref Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 14:05 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 21 08:05:39 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase :
Signal #2 Info :



Response Factor Report 104

Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Wed May 16 14:39:54 2001

Calibration Files

1 =920PC1.D 2 =0920PC2.D 3 =920P2C3.D
 = =

	Compound	1	2	3	Avg	%RSD
1)	PROPACHLOR	7.310	7.159	5.434	6.635 E5	15.71
2)	g-BHC	6.441	7.780	6.238	6.820 E6	12.29
3)	HEPTACHLOR	5.172	5.429	3.818	4.806 E6	18.02
4)	ALDRIN	7.024	8.642	7.292	7.653 E6	11.33
5)	HEPTACHLOR EPOXIDE	6.169	7.340	5.904	6.471 E6	11.82
6)	4,4'-DDE	5.903	7.889	6.094	6.628 E6	16.53
7)	DIELDRIN	5.412	6.485	5.347	5.748 E6	11.11
8)	ENDRIN	4.064	5.253	3.657	4.324 E6	19.18
9)	METHOXYCHLOR	1.808	2.118	1.449	1.792 E6	18.71
10) s	2,4-DDD SURROGATE		4.259		4.259 E6	0.00

Signal #2 Calibration Files

1 =920PC1.D 2 =0920PC2.D 3 =920P2C3.D
 = =

	Compound	1	2	3	Avg	%RSD
1)	PROPACHLOR	9.709	8.653	7.393	8.585 E5	13.51
2)	g-BHC	1.045	1.108	1.072	1.075 E7	2.94
3)	HEPTACHLOR	9.197	8.477	7.920	8.531 E6	7.50
4)	ALDRIN	1.083	1.079	1.065	1.076 E7	0.85
5)	HEPTACHLOR EPOXIDE	1.015	0.988	0.932	0.978 E7	4.30
6)	4,4'-DDE	0.987	1.042	0.982	1.004 E7	3.30
7)	DIELDRIN	9.610	9.214	9.134	9.319 E6	2.74
8)	ENDRIN	6.657	4.811	5.901	5.790 E6	16.02
9)	METHOXYCHLOR	2.676	2.672	2.439	2.596 E6	5.23
10) S	2,4-DDD SURROGATE		4.225		4.225 E6	0.00

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC3.D\ECD1A.CH Vial: 64
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC3.D\ECD2B.CH
 Acq On : 22 Sep 2001 9:13 pm Operator: Nefliu
 Sample : pest ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:03 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

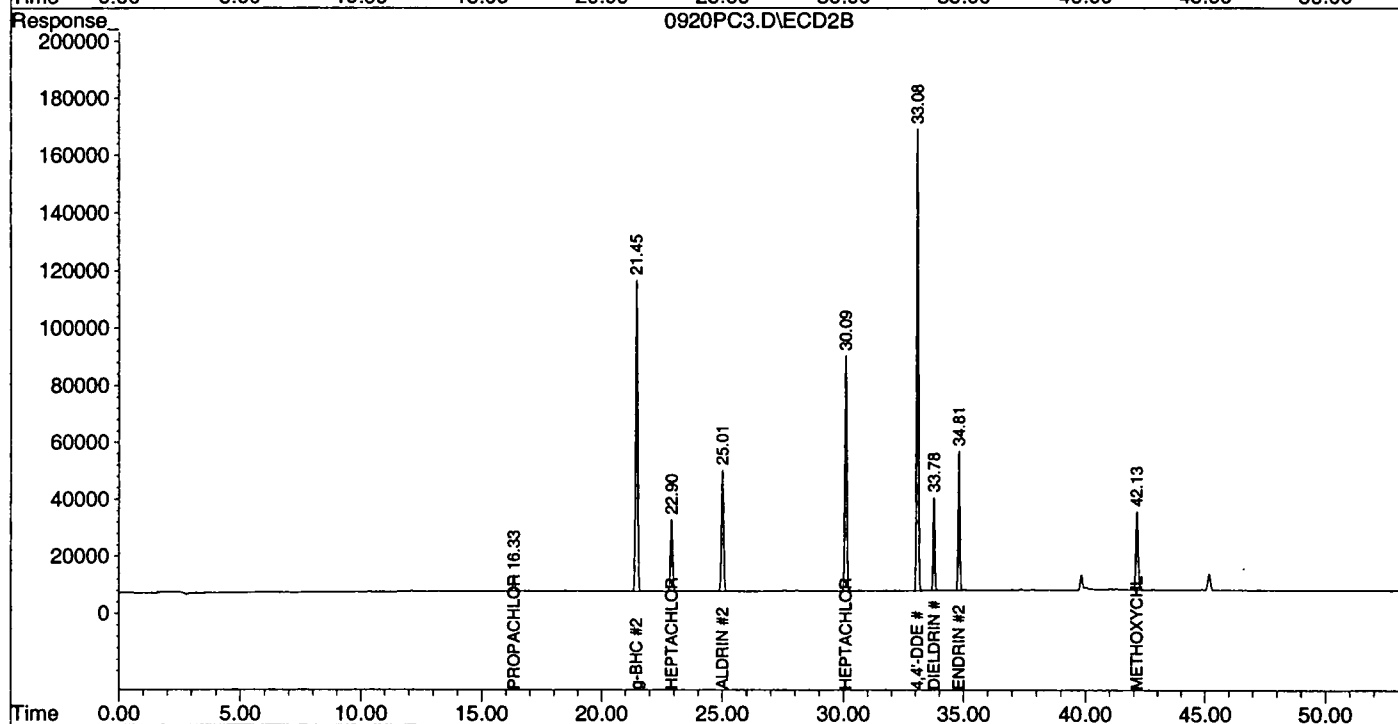
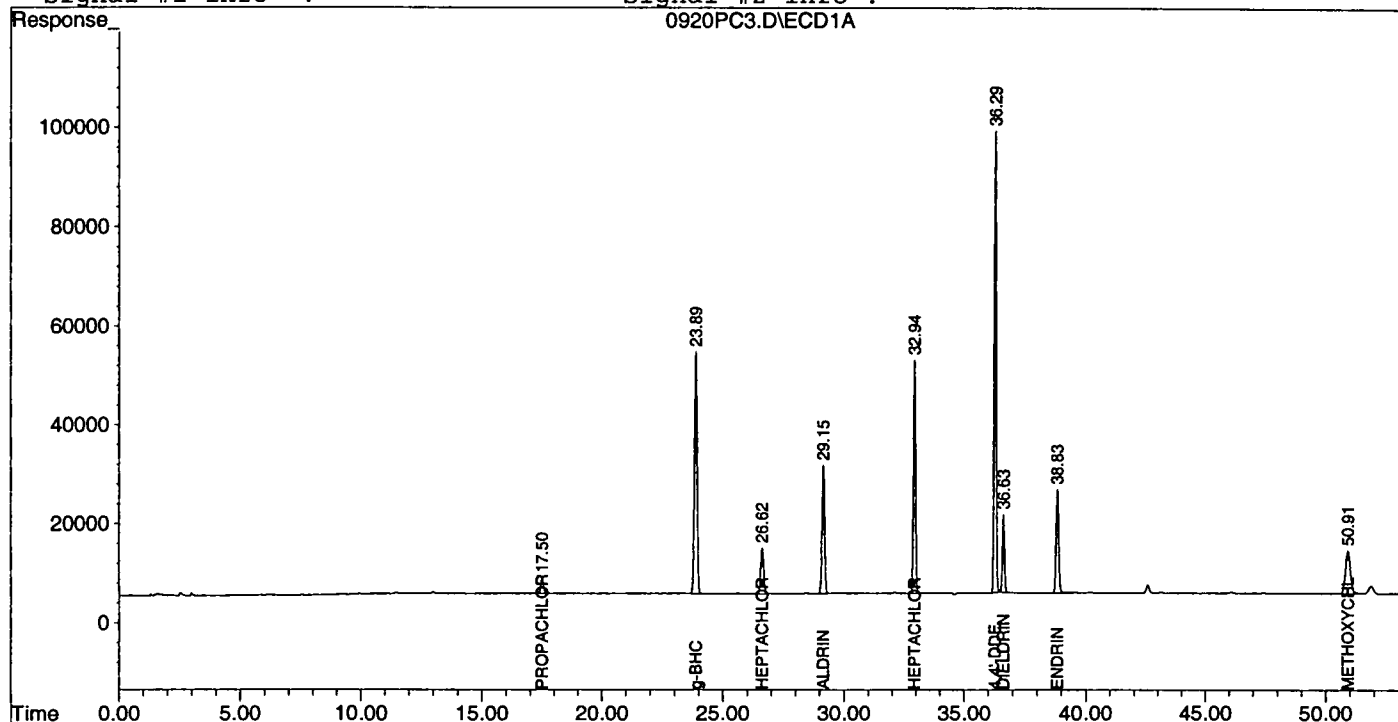
1)	PROPACHLOR	17.50	16.33	231208	307637	0.348 <i>88%</i>	0.358
2)	g-BHC	23.89	21.45	3756735	6263736	0.551 <i>98%</i>	0.583
3)	HEPTACHLOR	26.62	22.90	800480	1546044	0.167 <i>88%</i>	0.181
4)	ALDRIN	29.15	25.01	1874639	2680119	0.245 <i>102%</i>	0.249
5)	HEPTACHLOR EPOXI	32.94	30.09	3035556	4651034	0.469 <i>98%</i>	0.475
6)	4,4'-DDE	36.29	33.09	5288642	8246741	0.798 <i>100%</i>	0.822
7)	DIELDRIN	36.63	33.78	926449	1531624	0.161 <i>101%</i>	0.164
8)	ENDRIN	38.83	34.82	1592170	2388103	0.368 <i>92%</i>	0.412
9)	METHOXYCHLOR	50.91	42.13	1248412	1904643	0.697 <i>84%</i>	0.734

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920PC3.D\ECD1A.CH Vial: 64
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920PC3.D\ECD2B.CH
 Acq On : 22 Sep 2001 9:13 pm Operator: Nefliu
 Sample : pest ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:03 2001 Quant Results File: 010921P.RES

Quant Method : C:\HPCHEM\1\METHODS\010921P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 21 08:05:39 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :
 Signal #2 Phase:
 Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C2.D\ECD1A.CH Vial: 72
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C2.D\ECD2B.CH
 Acq On : 22 Sep 2001 3:25 pm Operator: Nefliu
 Sample : chlordan ccv2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:00 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Aug 14 12:03:20 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
4) s 2,4-DDD SURROGAT	37.76	34.68f	726494	1240097	0.186m	0.224m
Spiked Amount 0.200			Recovery	=	93.00%	112.00%
Target Compounds						
1) CHLORDANE PEAK 1	32.76	32.12	246181	1761146	1.496	1.784
2) CHLORDANE PEAK 2	33.90	32.44	1203135	2489808	1.517m	1.771
3) CHLORDANE PEAK 3	34.83	36.28	996228	554786	1.375m	1.780m#

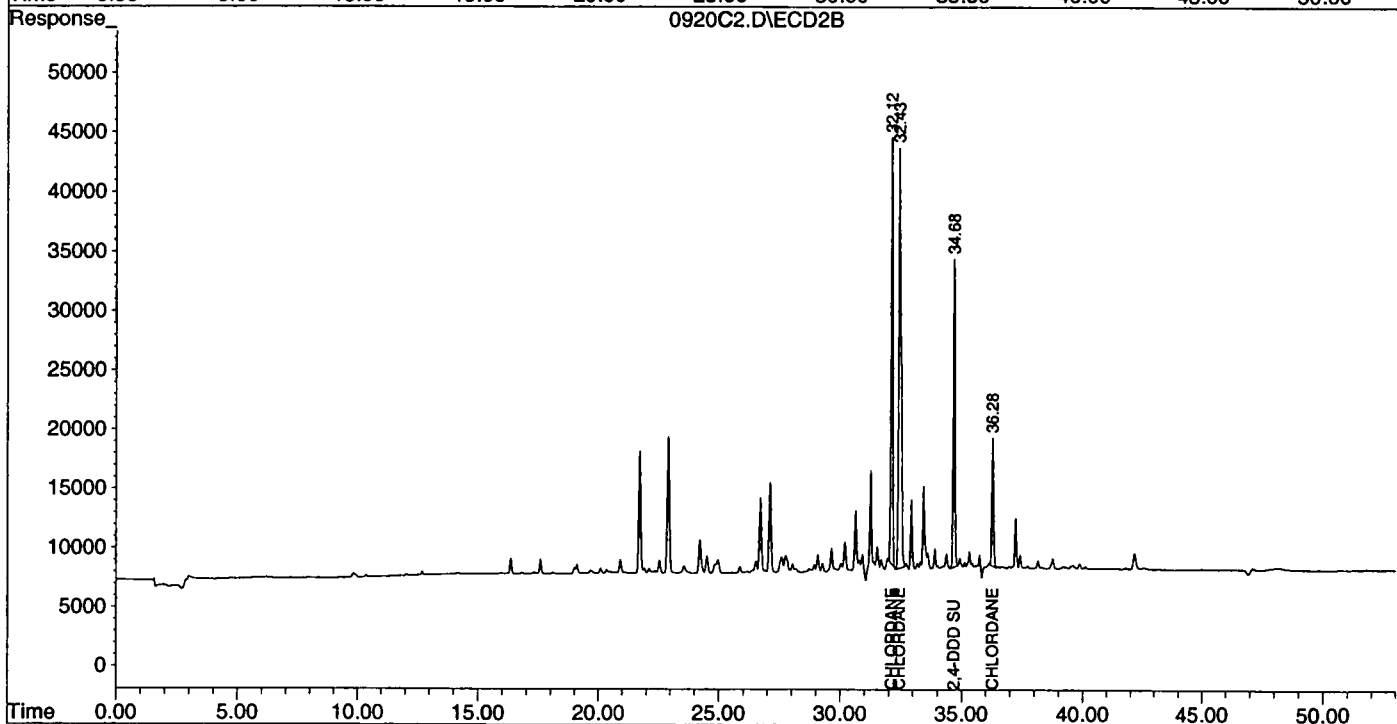
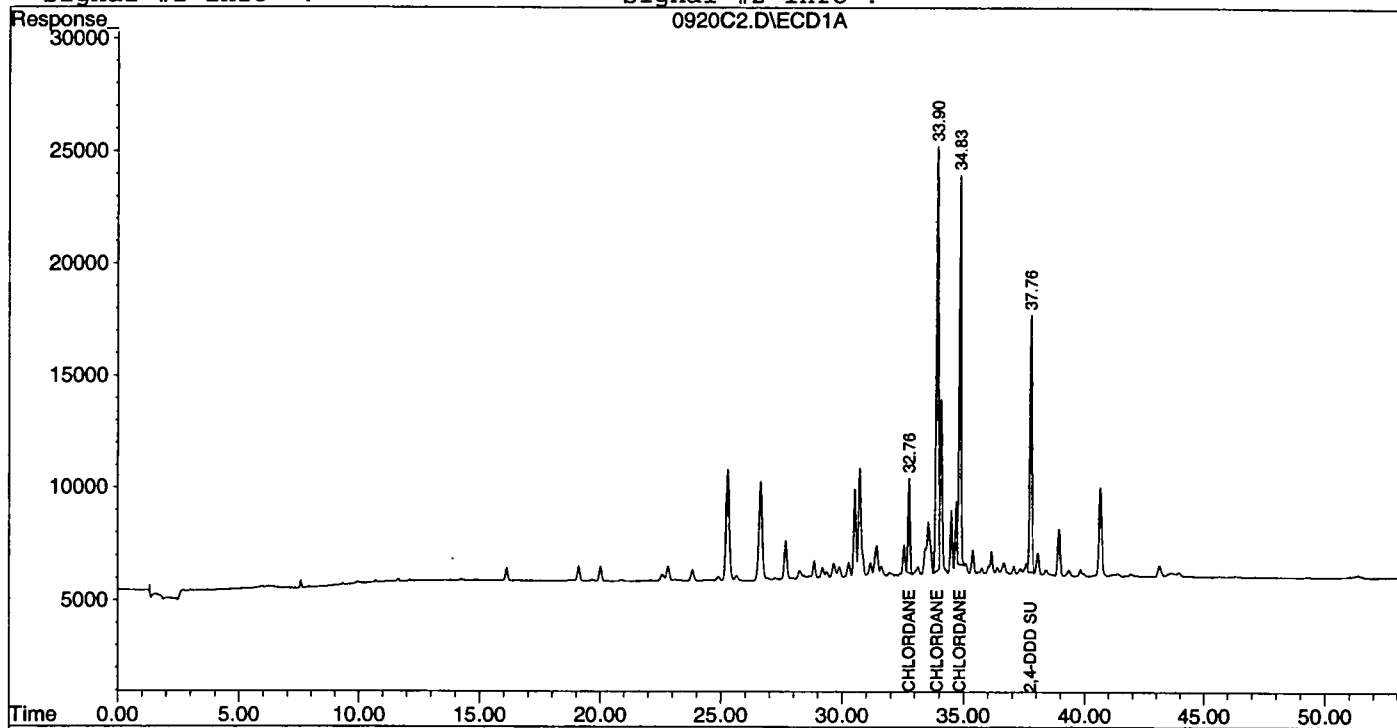
$\bar{x} = 1.5$
 (94%)

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C2.D\ECD1A.CH Vial: 72
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C2.D\ECD2B.CH
 Acq On : 22 Sep 2001 3:25 pm Operator: Nefliu
 Sample : chlordane ccv2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:00 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Aug 14 12:03:20 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C3.D\ECD1A.CH Vial: 66
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C3.D\ECD2B.CH
 Acq On : 22 Sep 2001 10:11 pm Operator: Nefliu
 Sample : chlordanes ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:01 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Aug 14 12:03:20 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

1)	CHLORDANE PEAK 1	32.75	32.11	638501	4407532	3.879	4.465
2)	CHLORDANE PEAK 2	33.89	32.43	3187739	6123802	4.020m	4.355
3)	CHLORDANE PEAK 3	34.82	36.27	2576582	1378323	3.557m	4.421m

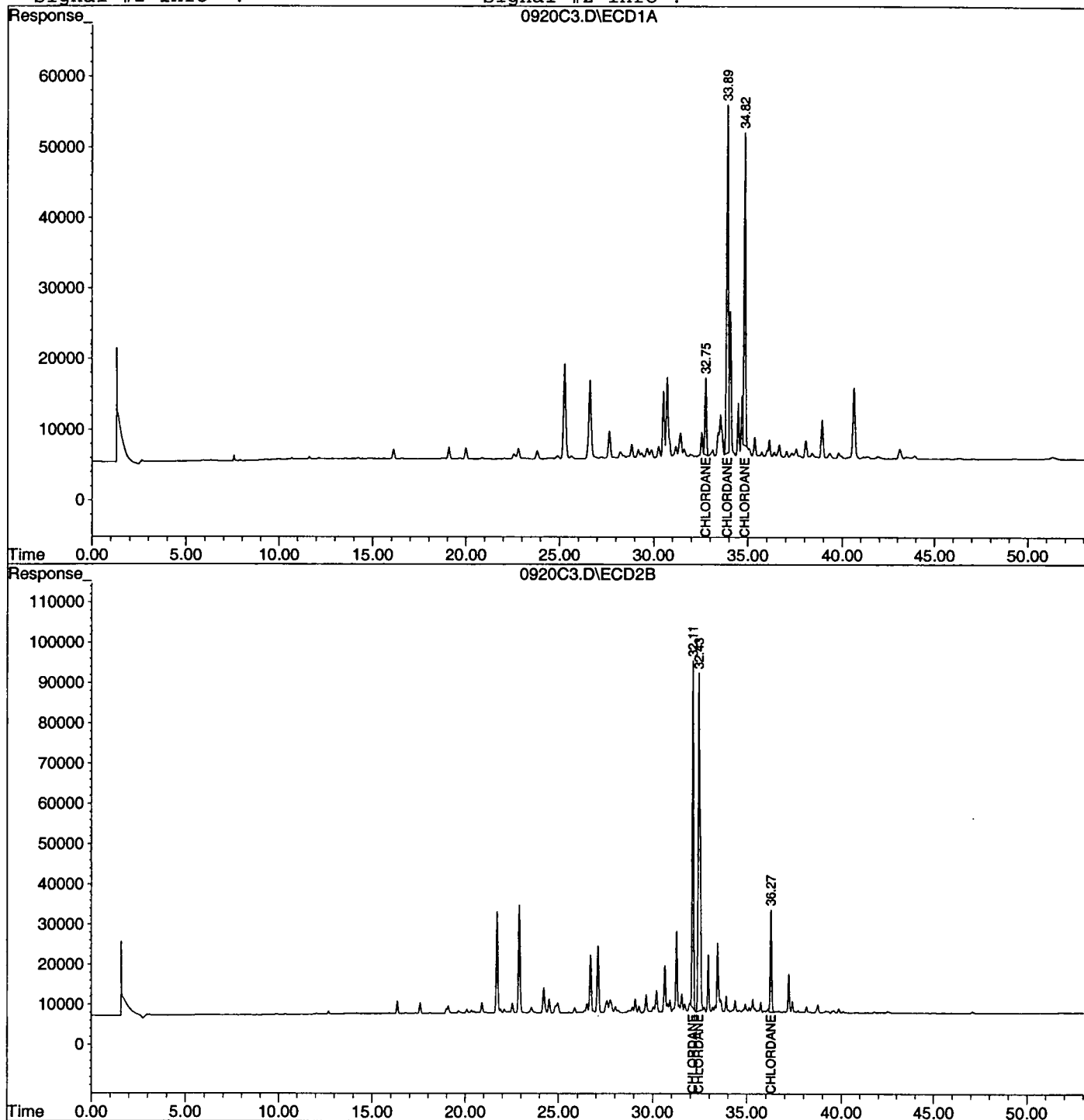
$\bar{x} = 3.88$ (25%)

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920C3.D\ECD1A.CH Vial: 66
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920C3.D\ECD2B.CH
 Acq On : 22 Sep 2001 10:11 pm Operator: Nefliu
 Sample : chlordan ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 12:01 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Aug 14 12:03:20 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC1.D\ECD1A.CH Vial: 10
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC1.D\ECD2B.CH
 Acq On : 20 Sep 2001 3:52 pm Operator: Nefliu
 Sample : toxaphene ccv1 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 7:57 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Wed Sep 05 14:19:35 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	0.00	0.00	0	0	N.D. d	N.D. d
Spiked Amount 0.200			Recovery	=	0.00%	0.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.99	35.95	16937	19022	0.725m	0.736m
2) TOXAPHENE PEAK 2	40.19	37.52	31274	65914	0.698m	0.728m
3) TOXAPHENE PEAK 3	41.92	39.64	43063	44439	0.722m	0.787
4) TOXAPHENE PEAK 4	47.91	40.83	95183	42787	0.752	0.817
5) TOXAPHENE PEAK 5	47.29	41.96	71838	23651	0.770m	0.636

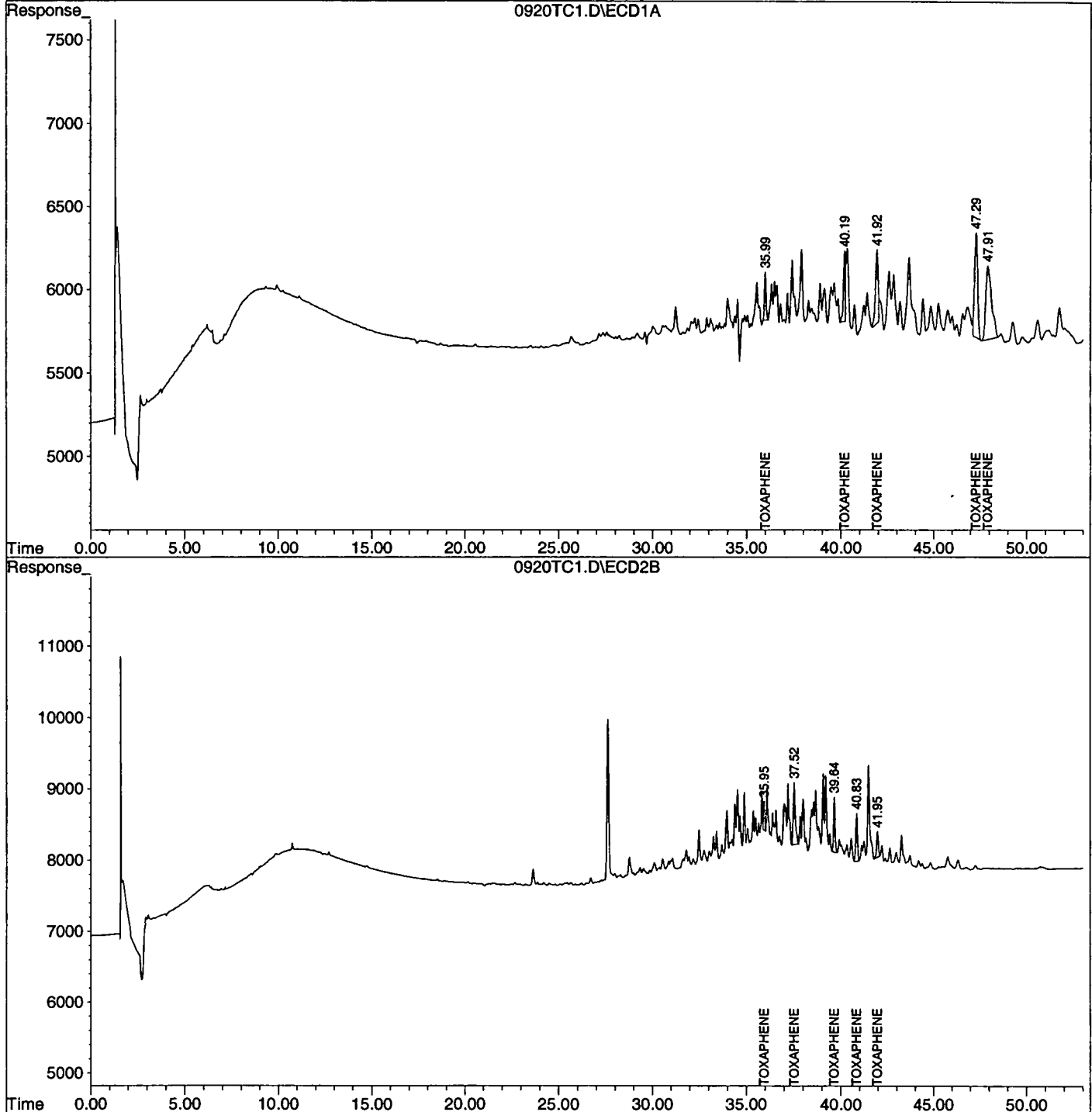
$\bar{x} = 0.73$ (114%)

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC1.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC1.D\ECD2B.CH
Acq On : 20 Sep 2001 3:52 pm Operator: Nefliu
Sample : toxaphene ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 7:57 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Wed Sep 05 14:19:35 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC3.D\ECD1A.CH Vial: 68
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC3.D\ECD2B.CH
 Acq On : 22 Sep 2001 11:09 pm Operator: Nefliu
 Sample : toxaphene ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 11:58 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Wed Sep 05 14:19:35 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l

System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	0.00	0.00	0	0	N.D. d	N.D. d
Spiked Amount	0.200		Recovery	=	0.00%	0.00%
Target Compounds						
1) TOXAPHENE PEAK 1	35.97	35.91	187856	211564	8.047m	8.186m
2) TOXAPHENE PEAK 2	40.16	37.49	303837	729349	6.778m	8.057m
3) TOXAPHENE PEAK 3	41.89	39.60	428419	524556	7.183m	9.291 #
4) TOXAPHENE PEAK 4	47.88	40.78	1069724	677743	8.455	12.941 #
5) TOXAPHENE PEAK 5	47.26	41.91	692397	344655	7.426m	9.269m

$$\bar{x} = 7.6 \quad (T.V = 6.4)$$

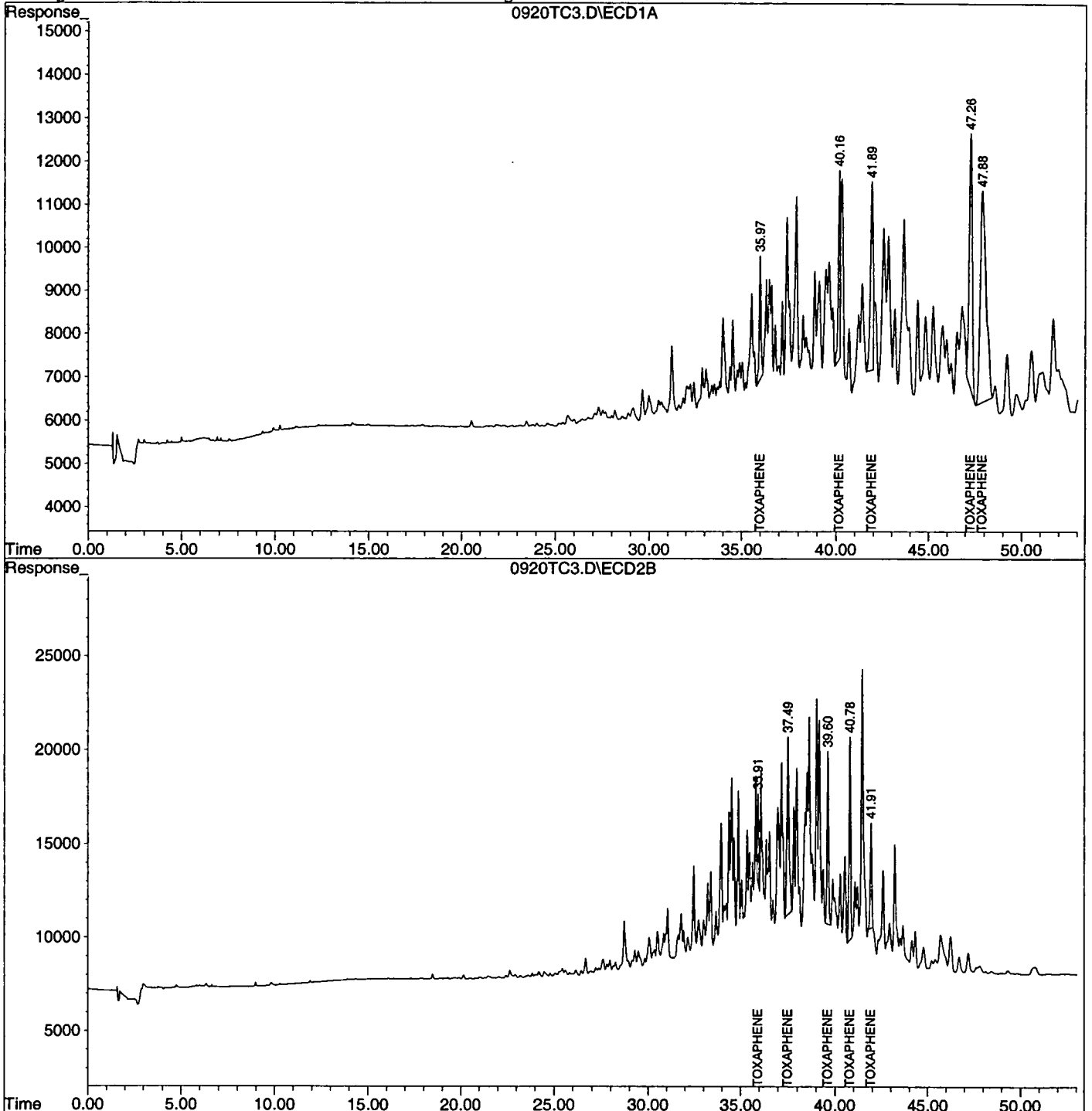
$$(119\%)$$

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920TC3.D\ECD1A.CH Vial: 68
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920TC3.D\ECD2B.CH
 Acq On : 22 Sep 2001 11:09 pm Operator: Nefliu
 Sample : toxaphene ccv3 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 11:58 2001 Quant Results File: 010919T.RES

Quant Method : C:\HPCHEM\1\METHODS\010919T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Wed Sep 05 14:19:35 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\1232C2.D\ECD1A.CH Vial: 14
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\1232C2.D\ECD2B.CH
 Acq On : 20 Sep 2001 5:48 pm Operator: Nefliu
 Sample : arochlor 1232 c2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 10:14 2001 Quant Results File: PCB1232.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1232.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Sun Sep 23 10:13:41 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

Target Compounds

1)	PEAK 1	20.24	14.91	46481	16502	0.200	0.200
2)	PEAK 2	23.78	17.72	41932	2385	0.200	0.200
3)	PEAK 3	26.94	20.74	65287	16489	0.200	0.200
4)	PEAK 4	33.50	22.42	22999	74041	0.200	0.200
5)	PEAK 5	35.07	27.60	16801	197767	0.200	0.196m

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\1232C2.D\ECD1A.CH Vial: 14
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\1232C2.D\ECD2B.CH
 Acq On : 20 Sep 2001 5:48 pm Operator: Nefliu
 Sample : arochlor 1232 c2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 23 10:14 2001 Quant Results File: PCB1232.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1232.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Sun Sep 23 10:13:41 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

