

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 10/11/2001 Time: 10:58:58

Sample: AD23085
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 9/21/01 10:57 Ended: 9/30/01 10:57 Analyst: MN
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Propachlor		< MDL		0.040
2	Lindane		< MDL		0.030
3	Heptachlor		< MDL		0.020
4	Aldrin		< MDL		0.010
5	Heptachlor Epoxide		< MDL		0.030
6	4,4-DDE		< MDL		0.080
7	Dieldrin		< MDL		0.016
8	Endrin		< MDL		0.020
9	Methoxychlor		< MDL		0.039
10	Chlordane		< MDL		0.40
11	Toxaphene		< MDL		0.40
12	PCB's		< MDL		0.20
13	Surr_2,4-DDD		0.047 ✓		

47%
low

Signal #1 : C:\HPCHEM\1\DATA\508F\011010\23085D.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011010\23085D.D\ECD2B.CH
 Acq On : 10 Oct 2001 1:04 pm Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 10 13:59 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 28 14:35:02 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

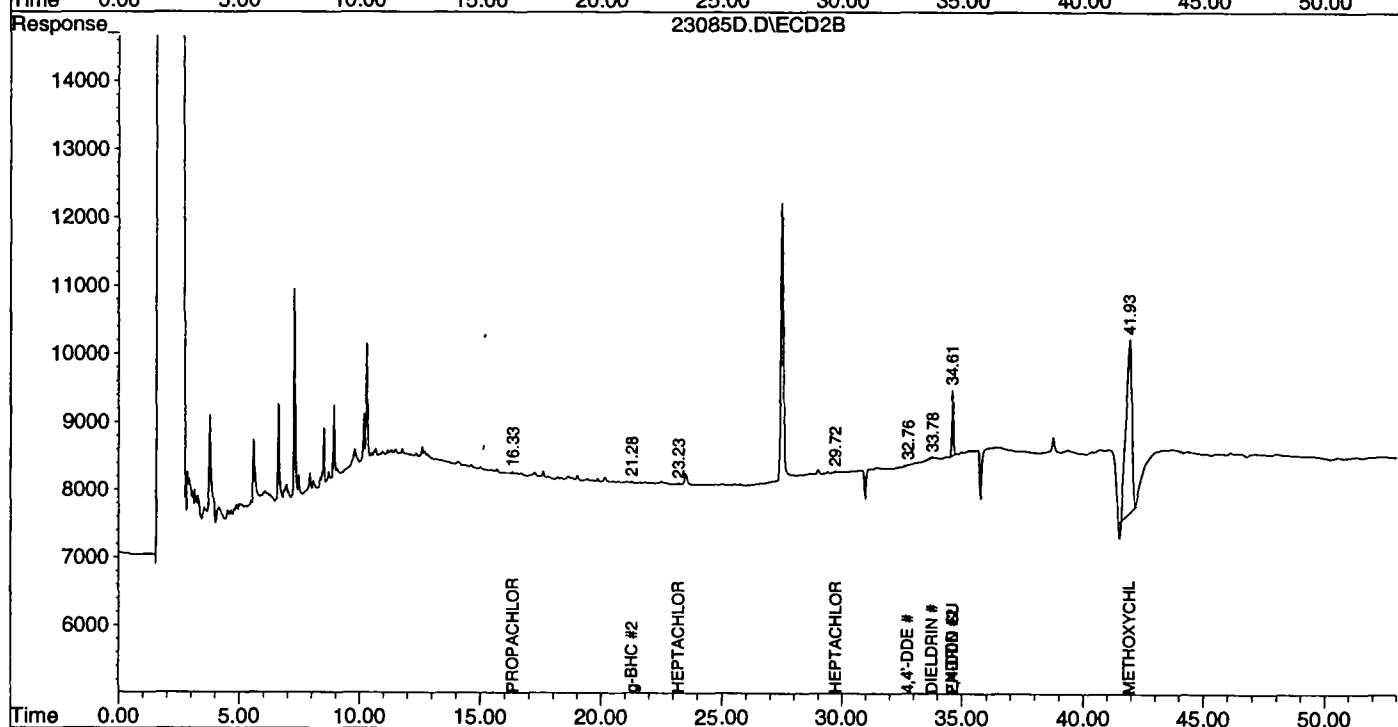
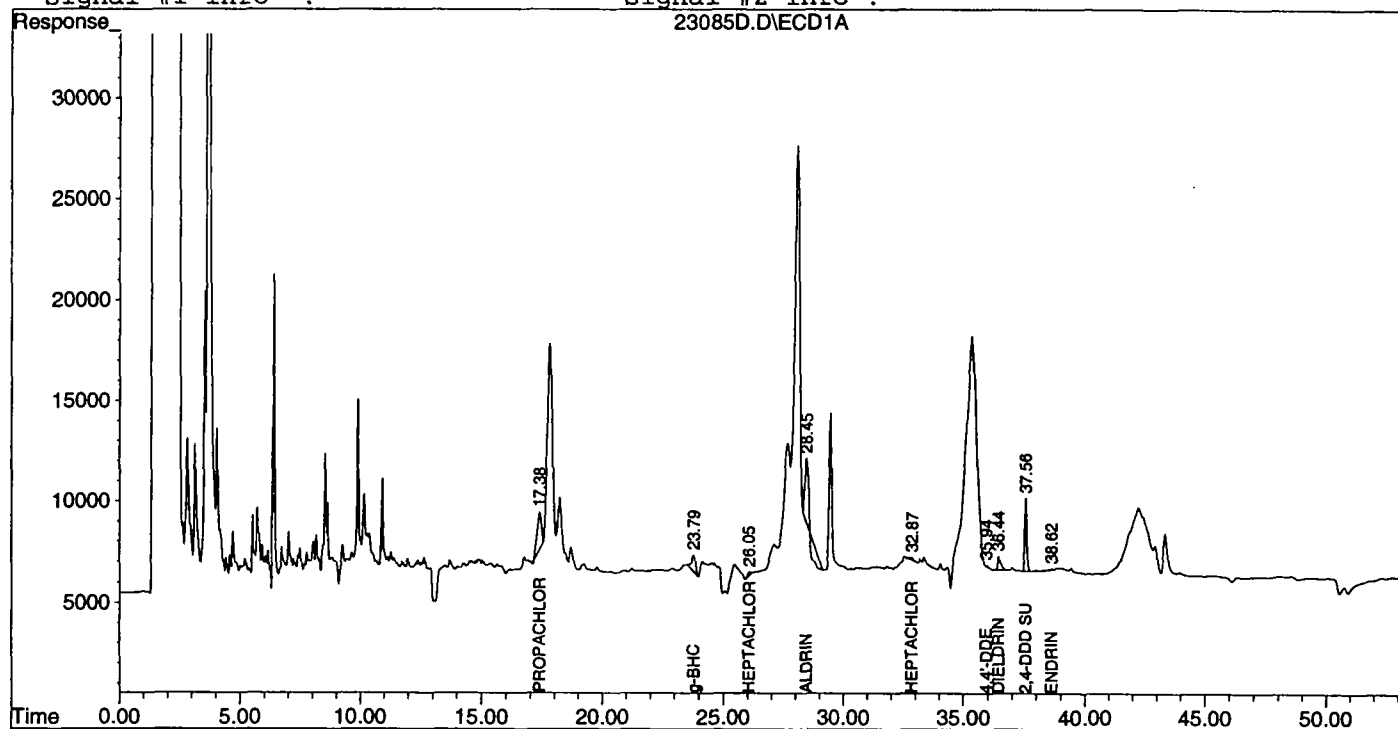
System Monitoring Compounds						
10) S 2,4-DDD SURROGAT	37.56	34.61	226209	42817	0.047	0.007 #
Spiked Amount 0.100			Recovery	=	47.00%	7.00%
Target Compounds						
1) PROPACHLOR	17.38	16.33	223342	1668	0.270	0.002 #
2) g-BHC	23.78	21.28	89708	1117	0.010	0.000 #
3) HEPTACHLOR	26.05f	23.23f	14209	706	0.002	0.000 #
4) ALDRIN	28.44f	0.00	139640	0	0.014	N.D. #
5) HEPTACHLOR EPOXI	32.84	29.74f	9486	938	0.001	0.000 #
6) 4,4'-DDE	35.92	32.76f	2083	1150	0.000	0.000 #
7) DIELDRIN	36.44	33.76	57471	1693	0.007	0.000 #
8) ENDRIN	38.62	34.61	6134	42817	0.001	0.007 #
9) METHOXYCHLOR	0.00	41.93	0	439634	N.D.	0.205 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 23085D.D 011007P.M Wed Oct 10 13:59:41 2001

Signal #1 : C:\HPCHEM\1\DATA\508F\011010\23085D.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011010\23085D.D\ECD2B.CH
 Acq On : 10 Oct 2001 1:04 pm Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 10 13:59 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 28 14:35:02 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\011010\23085.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\011010\23085.D\ECD2B.CH
 Acq On : 10 Oct 2001 11:35 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 10 12:58 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 28 14:35:02 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						
10) S 2,4-DDD SURROGAT	37.56	34.61	39672	262732	0.008	0.043 #
Spiked Amount 0.100			Recovery	=	8.00%	43.00%
Target Compounds						
1) PROPACHLOR	17.22	16.32	2519	9494	0.003	0.010 #
2) g-BHC	23.79	21.54	5317	2534	0.001	0.000 #
3) HEPTACHLOR	0.00	22.53f	0	10383	N.D.	0.001 #
4) ALDRIN	0.00	25.04	0	4359	N.D.	0.000 #
5) HEPTACHLOR EPOXI	32.98	30.05	877	78619	0.000	0.008 #
6) 4,4'-DDE	35.94	33.16	615	2001	0.000	0.000 #
7) DIELDRIN	36.55	33.84	2335	5240	0.000	0.001 #
8) ENDRIN	0.00	34.93	0	62329	N.D.	0.010 #
9) METHOXYCHLOR	50.30f	42.01	944	255813	0.000	0.119 #

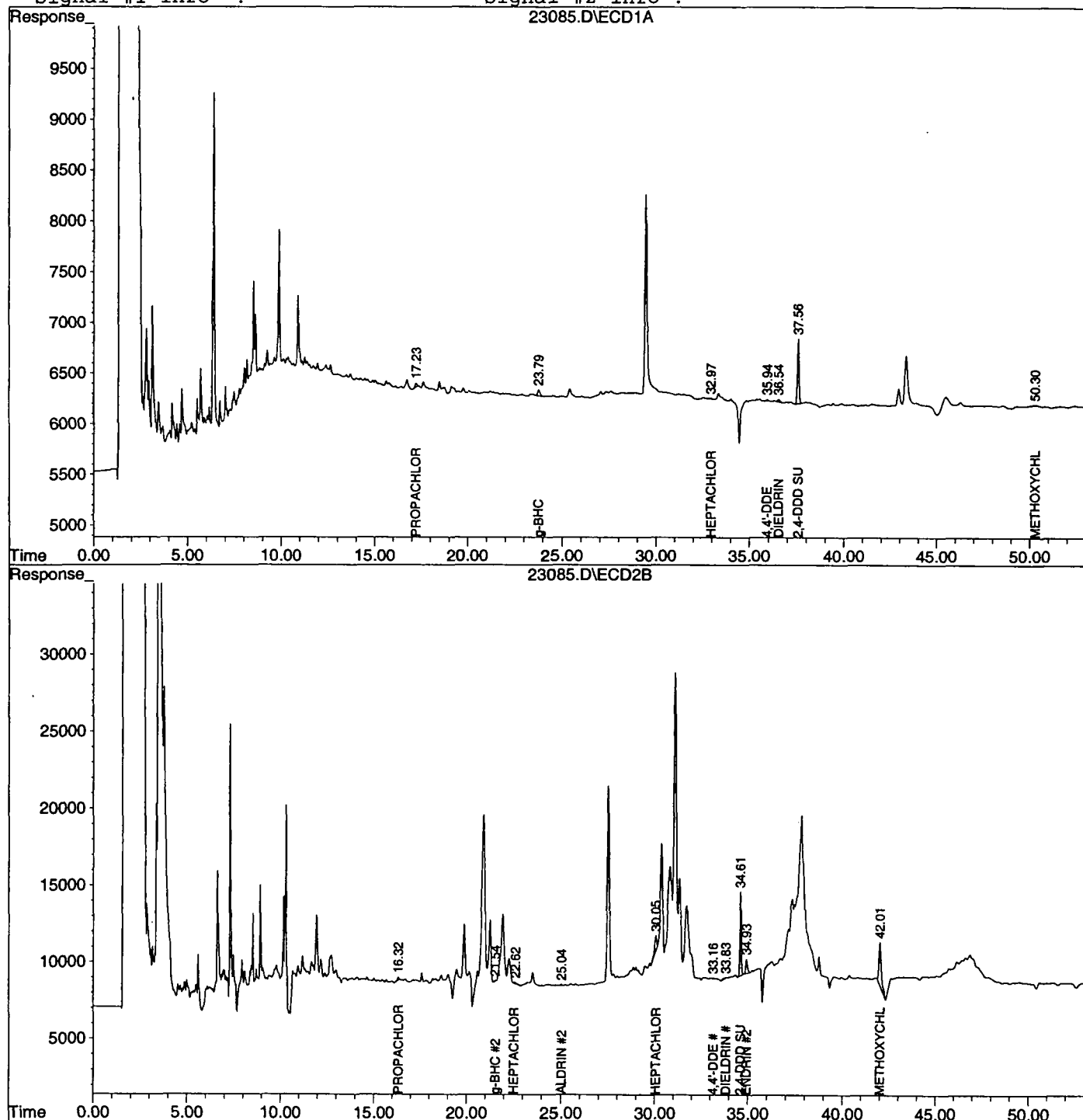
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 23085.D 011007P.M Wed Oct 10 12:59:42 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011010\23085.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\508F\011010\23085.D\ECD2B.CH
Acq On : 10 Oct 2001 11:35 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 10 12:58 2001 Quant Results File: 011007P.RES

Quant Method : C:\HPCHEM\1\METHODS\011007P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Fri Sep 28 14:35:02 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

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



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

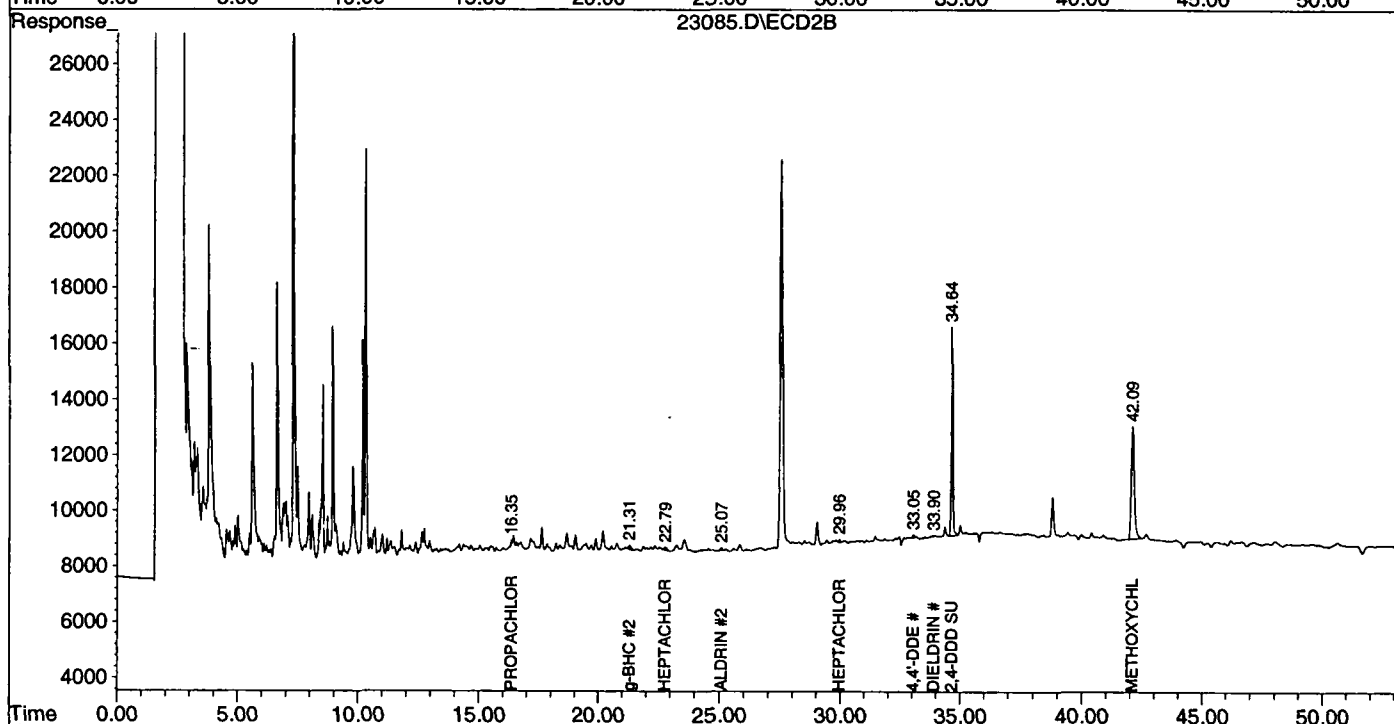
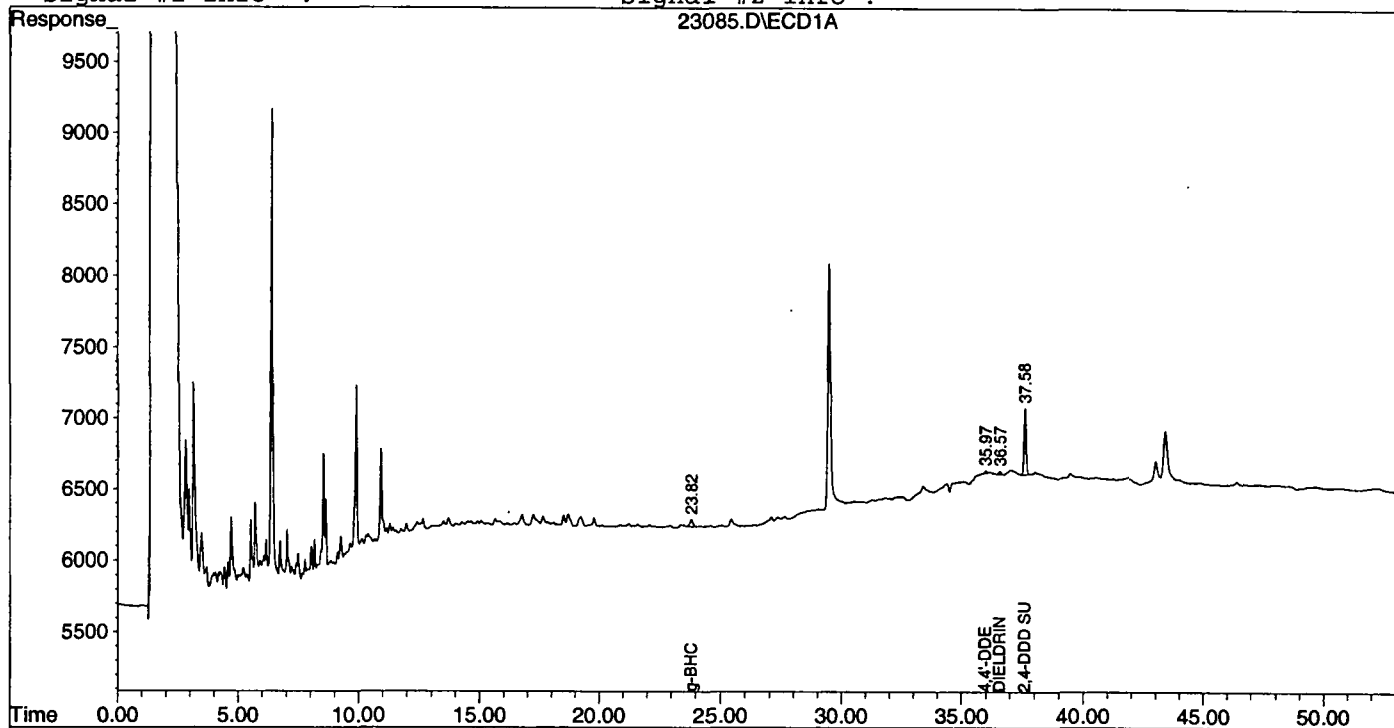
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Compound		RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds							
10) S	2,4-DDD SURROGAT	37.58	34.64	28897	349019	0.006m	0.062 #
	Spiked Amount 0.100			Recovery	=	6.00%	62.00%
Target Compounds							
1)	PROPACHLOR	0.00	16.35	0	3623	N.D. d	0.004
2)	g-BHC	23.81	21.31	4434	11369	0.001	0.001 #
3)	HEPTACHLOR	0.00	22.79	0	8676	N.D.	0.001 #
4)	ALDRIN	0.00	25.07	0	6359	N.D.	0.001 #
5)	HEPTACHLOR EPOXI	0.00	29.96	0	4207	N.D.	0.000 #
6)	4,4'-DDE	35.97	33.05	881	5360	0.000	0.001 #
7)	DIELDRIN	36.57	33.90	1505	3242	0.000	0.000 #
9)	METHOXYCHLOR	0.00	42.09	0	360569	N.D.	0.150 #

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
 Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 10:58 2001 Quant Results File: 010930P.RES

Quant Method : C:\HPCHEM\1\METHODS\010930P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Fri Sep 28 14:35:02 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\010930\23085.D\ECD1A.CH Vial: 50
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:29 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 : Sun Sep 30 10:30:23 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

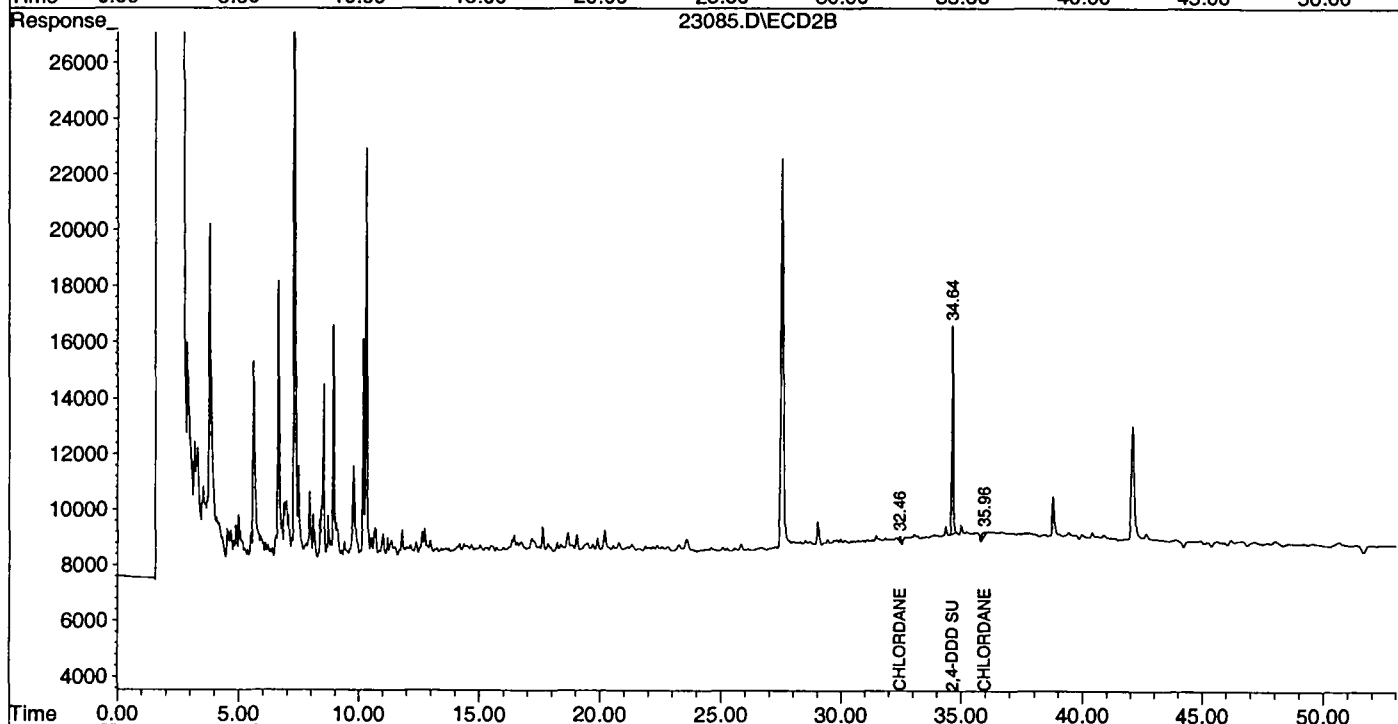
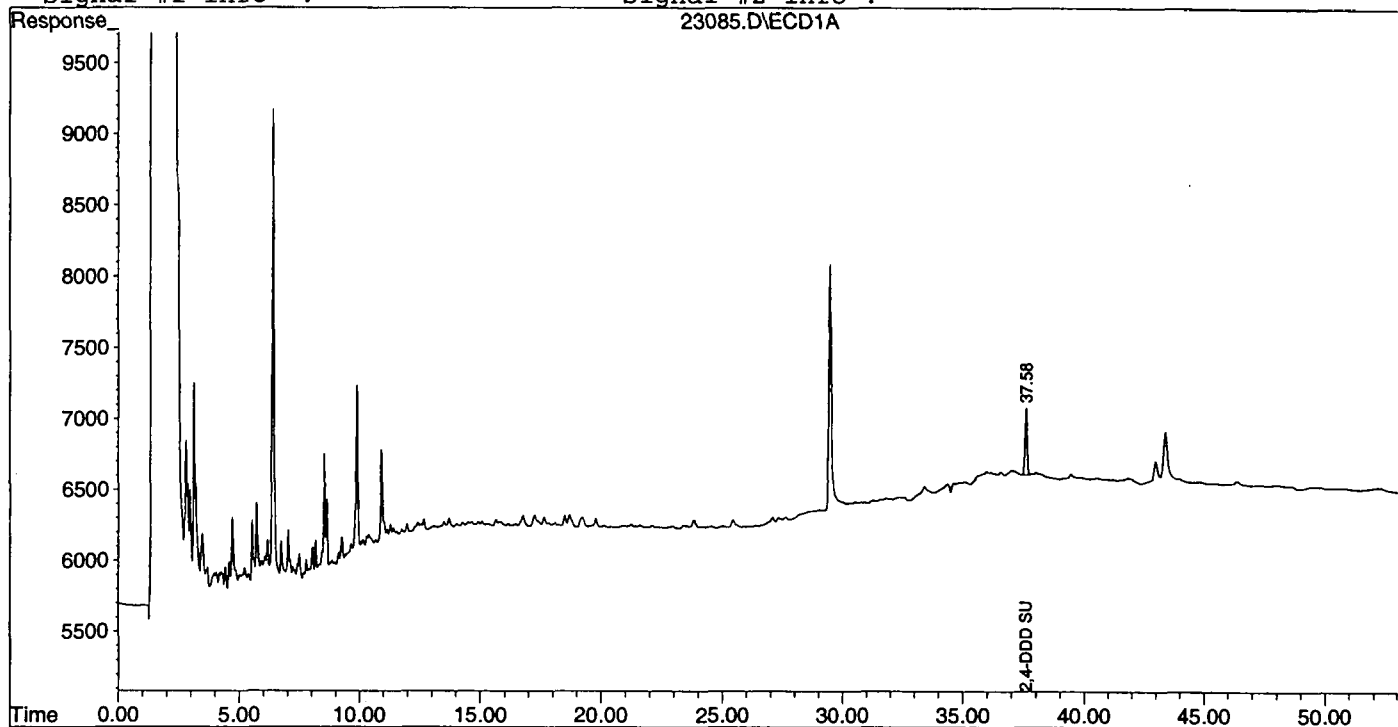
System Monitoring Compounds						
4) s 2,4-DDD SURROGAT	37.58	34.64	28700	336274	0.006m	0.059 #
Spiked Amount	0.100		Recovery	=	6.00%	59.00%
Target Compounds						
2) CHLORDANE PEAK 2	0.00	32.46	0	10823	N.D.	0.008 #
3) CHLORDANE PEAK 3	0.00	35.96f	0	16264	N.D.	0.052 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
23085.D 010828C.M Tue Oct 09 11:30:05 2001

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
 Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 11:29 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 : Sun Sep 30 10:30:23 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\010930\23085.D\ECD1A.CH Vial: 50
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 11:44 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
Last Update : Fri Sep 28 15:07:47 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

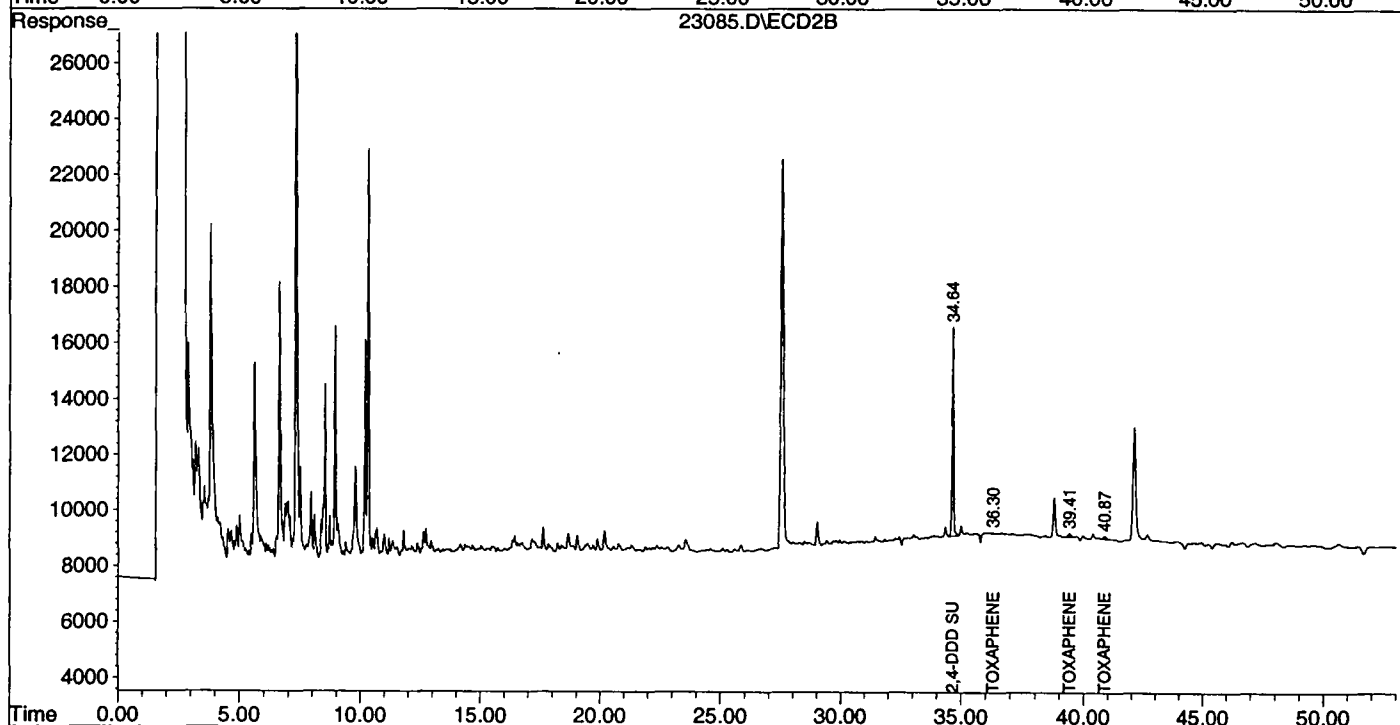
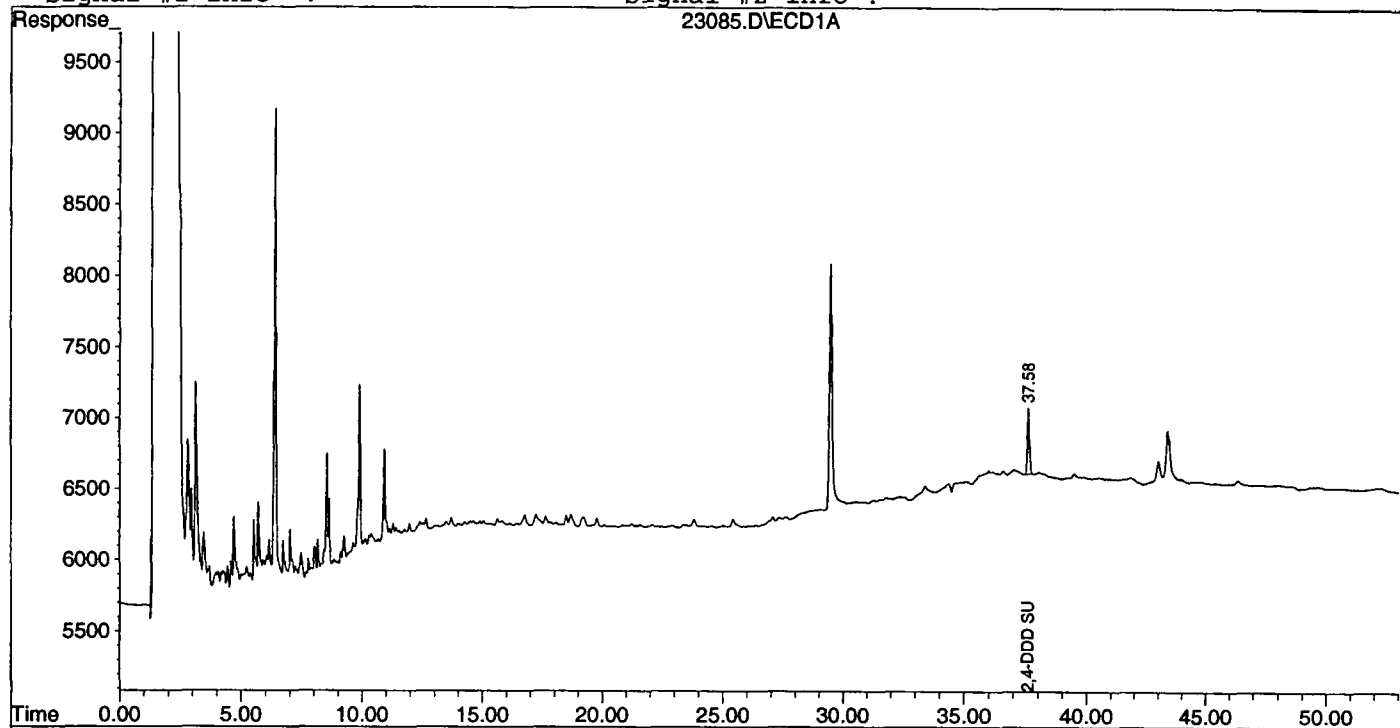
System Monitoring Compounds						
6) S 2,4-DDD SURROGAT	37.59	34.64	28076	349058	0.007	0.061 #
Spiked Amount 0.100			Recovery	=	7.00%	61.00%
Target Compounds						
1) TOXAPHENE PEAK 1	0.00	36.30f	0	2282	N.D.	0.069 #
2) TOXAPHENE PEAK 2	0.00	0.00	0	0	N.D.	N.D.
3) TOXAPHENE PEAK 3	0.00	39.42	0	11084	N.D.	0.153 #
4) TOXAPHENE PEAK 4	0.00	40.87	0	8525	N.D.	0.106 #
5) TOXAPHENE PEAK 5	0.00	0.00	0	0	N.D.	N.D. d

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
23085.D 010930T.M Tue Oct 09 11:44:21 2001

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
 Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 11:44 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99
 Last Update : Fri Sep 28 15:07:47 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\010930\23085.D\ECD1A.CH Vial: 50
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 13:13 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 4/23/99
Last Update : Sun Sep 30 10:54:14 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

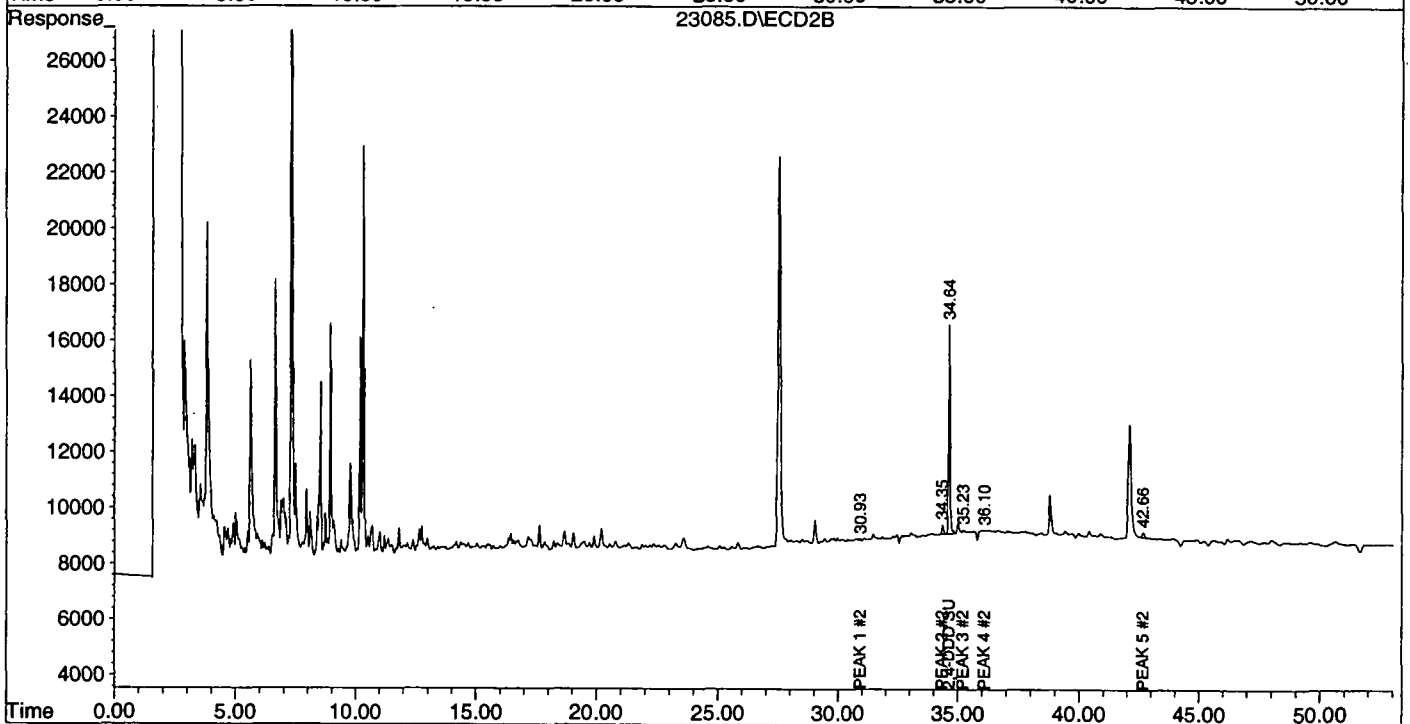
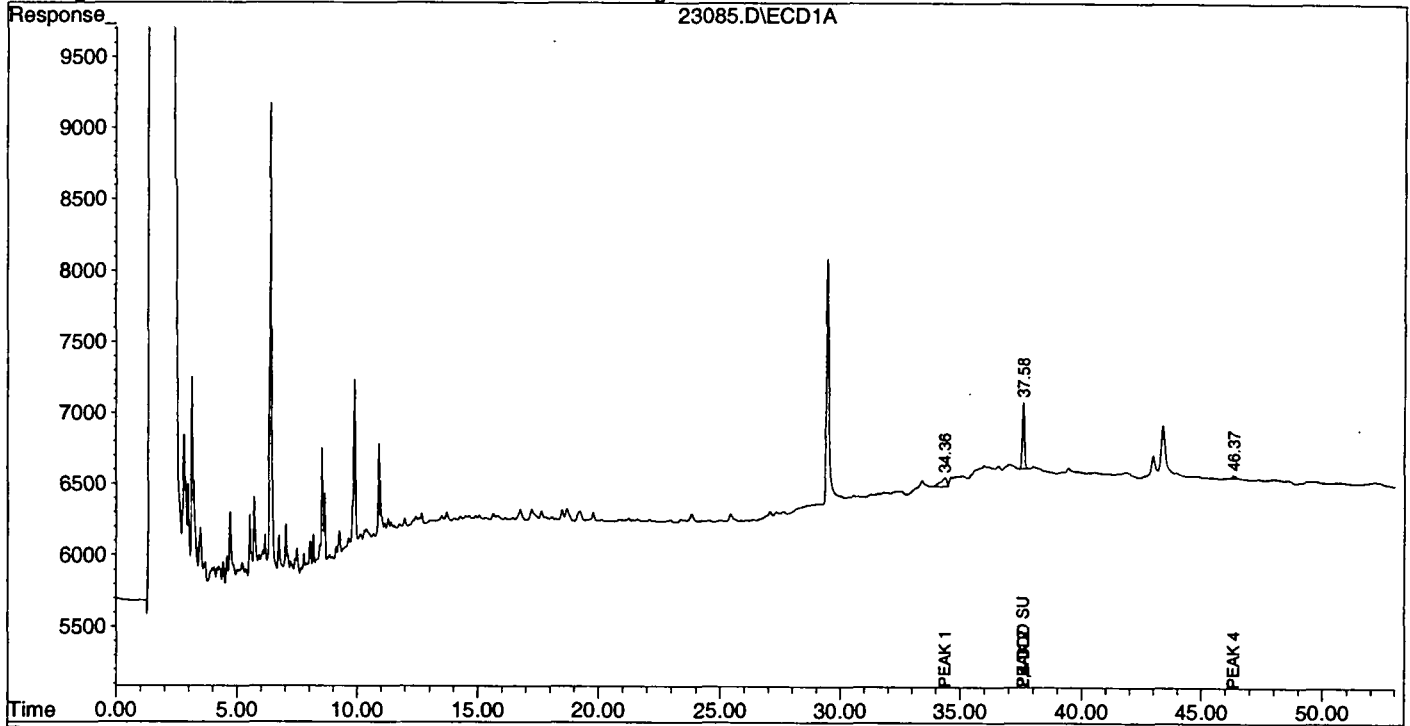
System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	37.59	34.64	28438	349019	0.006	0.062 #
Spiked Amount 0.100			Recovery	=	6.00%	62.00%
Target Compounds						
1) PEAK 1	34.37	30.93	11091	3347	0.044	0.011 #
2) PEAK 2	37.59f	34.35	28438	17163	0.040	0.025 #
3) PEAK 3	0.00	35.23	0	2051	N.D.	0.003 #
4) PEAK 4	46.34	36.10	2256	1122	0.002	0.005 #
5) PEAK 5	0.00	42.66f	0	14096	N.D.	0.057 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
23085.D PCB1260.M Tue Oct 09 13:13:21 2001

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
 Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 13:13 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 4/23/99
 Last Update : Sun Sep 30 10:54:14 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\010930\23085.D\ECD1A.CH Vial: 50
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
Sample : sample Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 9 13:47 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
Last Update : Tue Oct 09 13:17:58 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

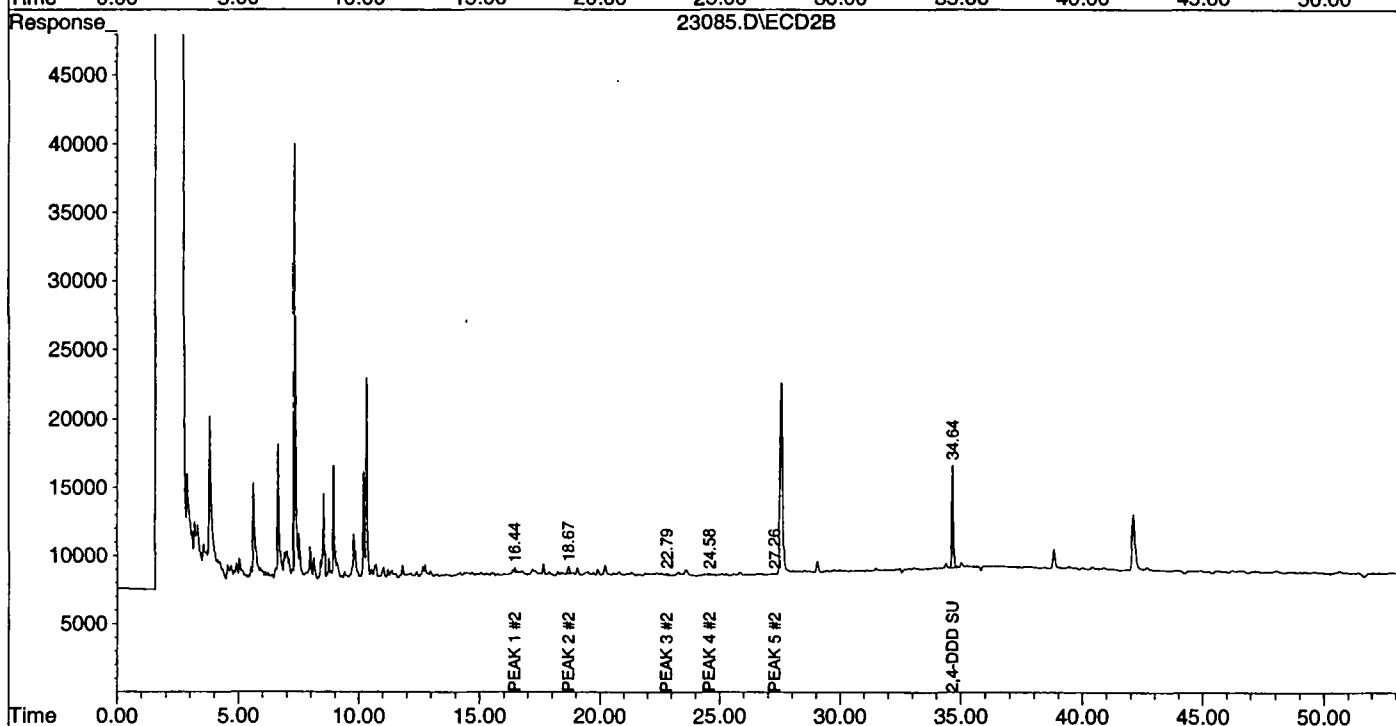
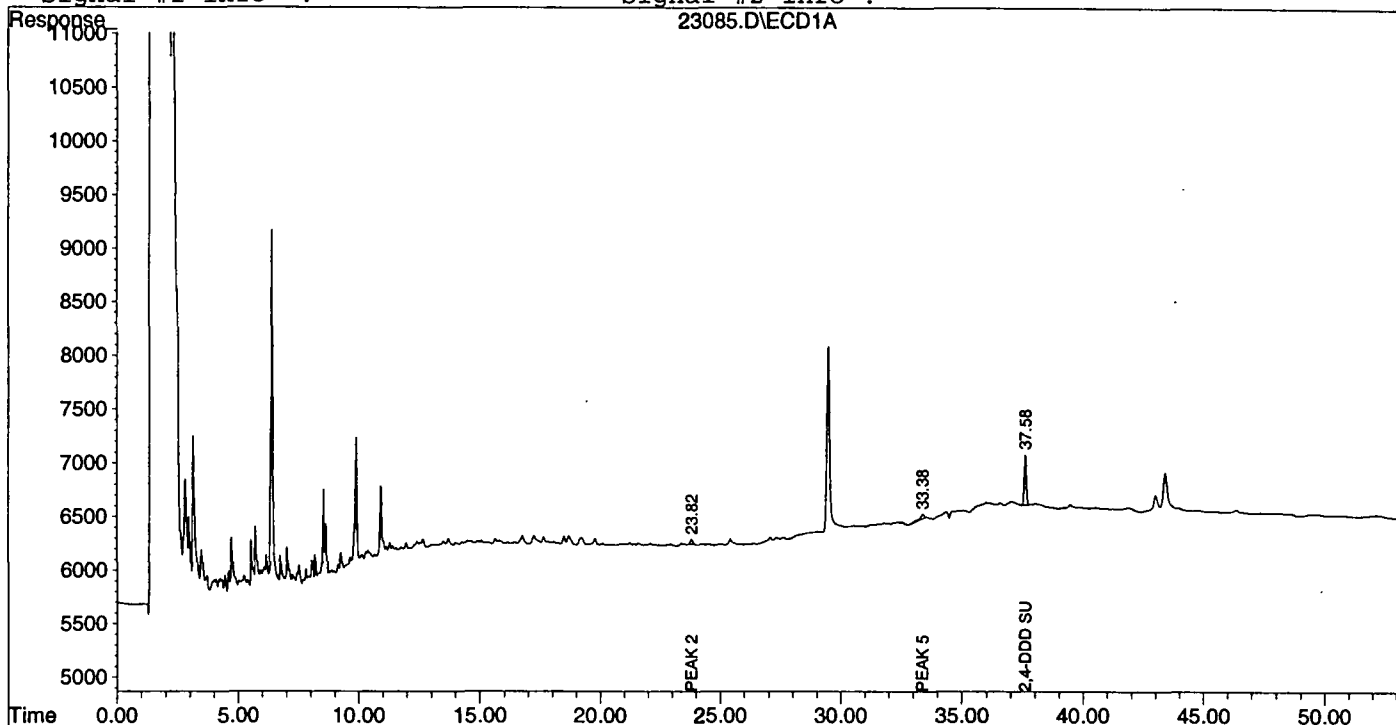
System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	37.59	34.64	28253	349019	0.006	0.062 #
Spiked Amount	0.200		Recovery	=	3.00%	31.00%
Target Compounds						
1) PEAK 1	0.00	16.44	0	9861	N.D.	0.041 #
2) PEAK 2	23.81	18.68	3316	29870	0.006	0.059 #
3) PEAK 3	0.00	22.79f	0	8676	N.D.	0.009 #
4) PEAK 4	0.00	24.58f	0	3122	N.D.	0.010 #
5) PEAK 5	33.39	27.26f	5974	1870	0.080	0.004 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
23085.D PCB1016.M Tue Oct 09 13:47:32 2001

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD1A.CH Vial: 50
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23085.D\ECD2B.CH
 Acq On : 2 Oct 2001 2:36 am Operator: Nefliu
 Sample : sample Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 9 13:47 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99
 Last Update : Tue Oct 09 13:17:58 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

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



Comments for Sample AD23085 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-15-2001 Time: 09:43:10

The recovery for Aldrin in the MDL Standard was below its acceptance range. The recovery for the Surrogate Standard in this sample was below its acceptance range.