

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 11:11:42

Sample: AD28049
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 11/21/01 11:06 Ended: 12/20/01 11:06 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		0.15		

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
 Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
 Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Jan 08 09:42:16 2002 Quant Results File: 011220P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011220P.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides
 Last Update : Fri Dec 21 08:18:43 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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	14.35	14.98	562.3E6	429.1E6	0.152	0.153
Spiked Amount	0.200		Recovery	=	76.00%	76.50%
Target Compounds						
2) g-BHC	9.83	10.51f	1822129	48303523	0.000	0.008 #
3) Heptachlor	11.00	11.24	13677881	2301353	0.002	0.001 #
4) Aldrin	11.69	11.92	3208220	3536246	0.000	0.001 #
5) Heptachlor Epoxi	13.14	13.38	1051063	25866634	0.000	0.005 #
6) 4,4-DDE	14.02	14.57	10572023	24459756	0.002	0.005 #
7) Dieldrin	14.52	14.82	2622846	42880738	0.000	0.007 #
8) Endrin	15.08	15.57	9586387	4965352	0.002	0.001 #
9) Methoxychlor	16.98	18.01	11848665	6987788	0.005	0.005

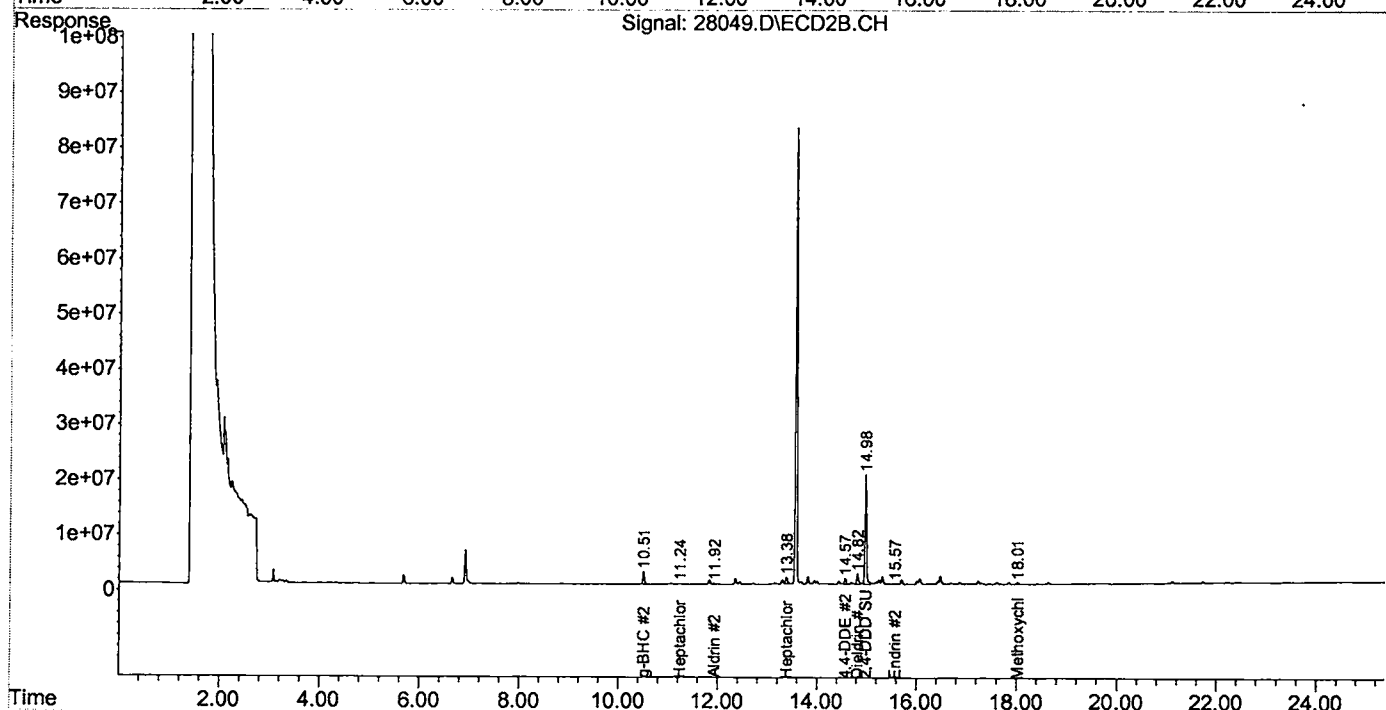
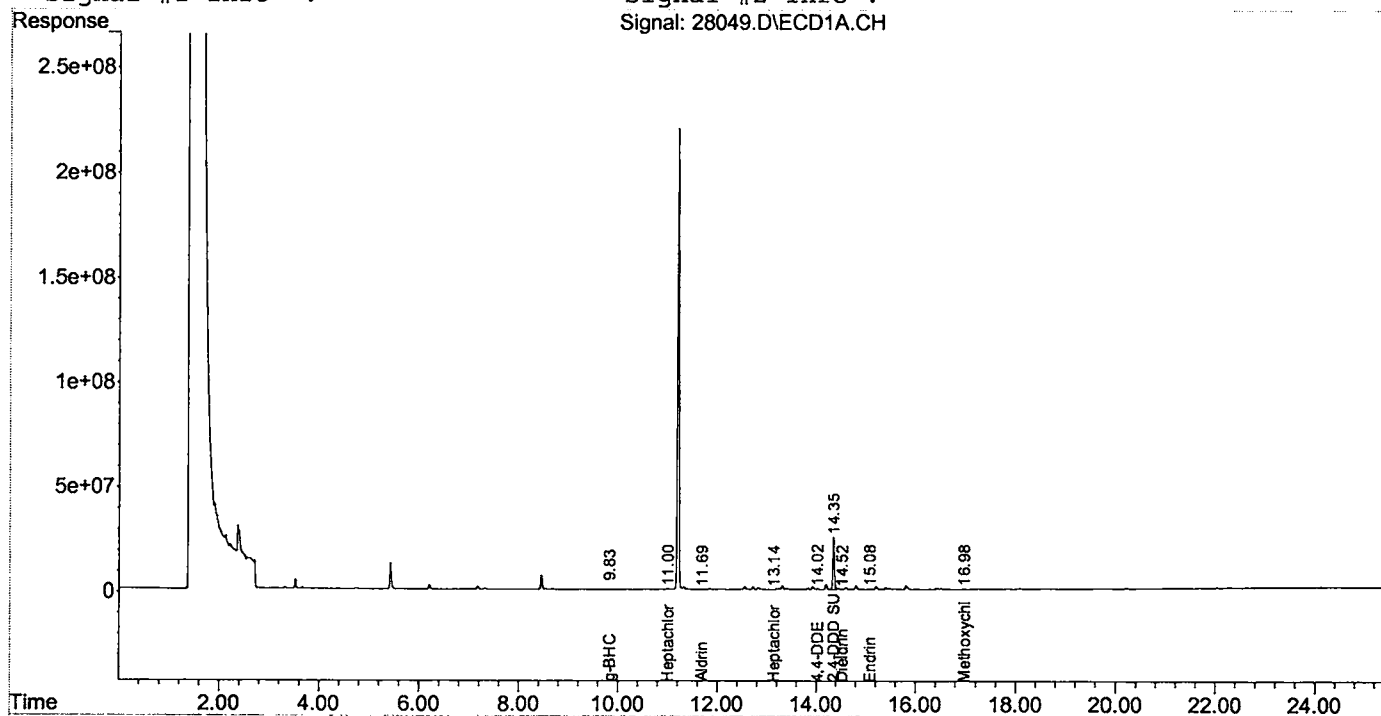
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 28049.D 011220P.M Tue Jan 08 09:42:38 2002

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Jan 8 9:42 2002 Quant Results File: 011220P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011220P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Fri Dec 21 08:18:43 2001
Response via : Multiple Level Calibration
DataAcq Meth : MDL508.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :
Signal: 28049.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
 Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
 Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Jan 08 09:56:02 2002 Quant Results File: 011214C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214C.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Chlordane
 Last Update : Mon Dec 17 11:07:31 2001
 Response via : Initial Calibration
 DataAcq Meth : MDL508.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	14.35	14.98	562.3E6	429.1E6	0.162	0.158
Spiked Amount	0.200		Recovery	=	81.00%	79.00%

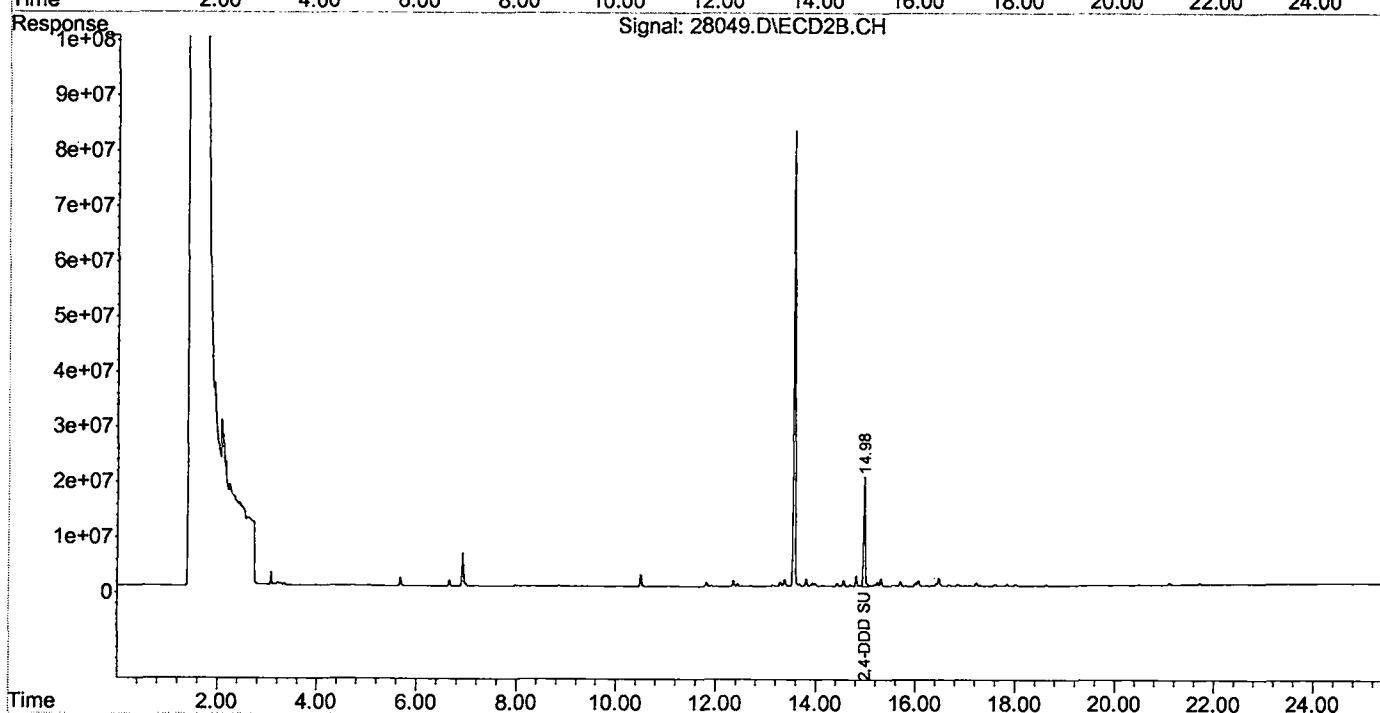
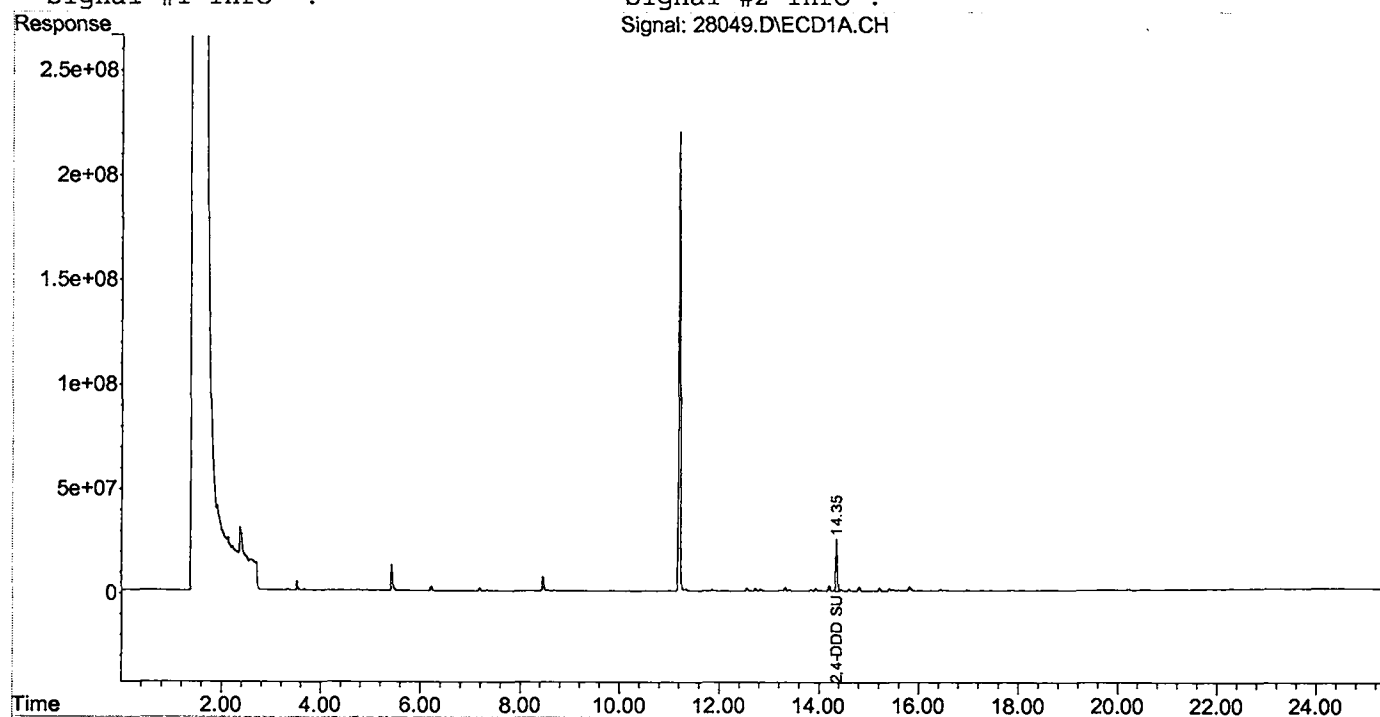
Target Compounds

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Jan 8 9:56 2002 Quant Results File: 011214C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214C.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Chlordane
Last Update : Mon Dec 17 11:07:31 2001
Response via : Multiple Level Calibration
DataAcq Meth : MDL508.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :
Signal: 28049.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Jan 08 10:08:27 2002 Quant Results File: 011214T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214T.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Toxaphene
Last Update : Mon Dec 17 14:19:26 2001
Response via : Initial Calibration
DataAcq Meth : MDL508.M

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	14.35	14.98	562.3E6	429.1E6	0.154	0.147
Spiked Amount	0.200		Recovery	=	77.00%	73.50%

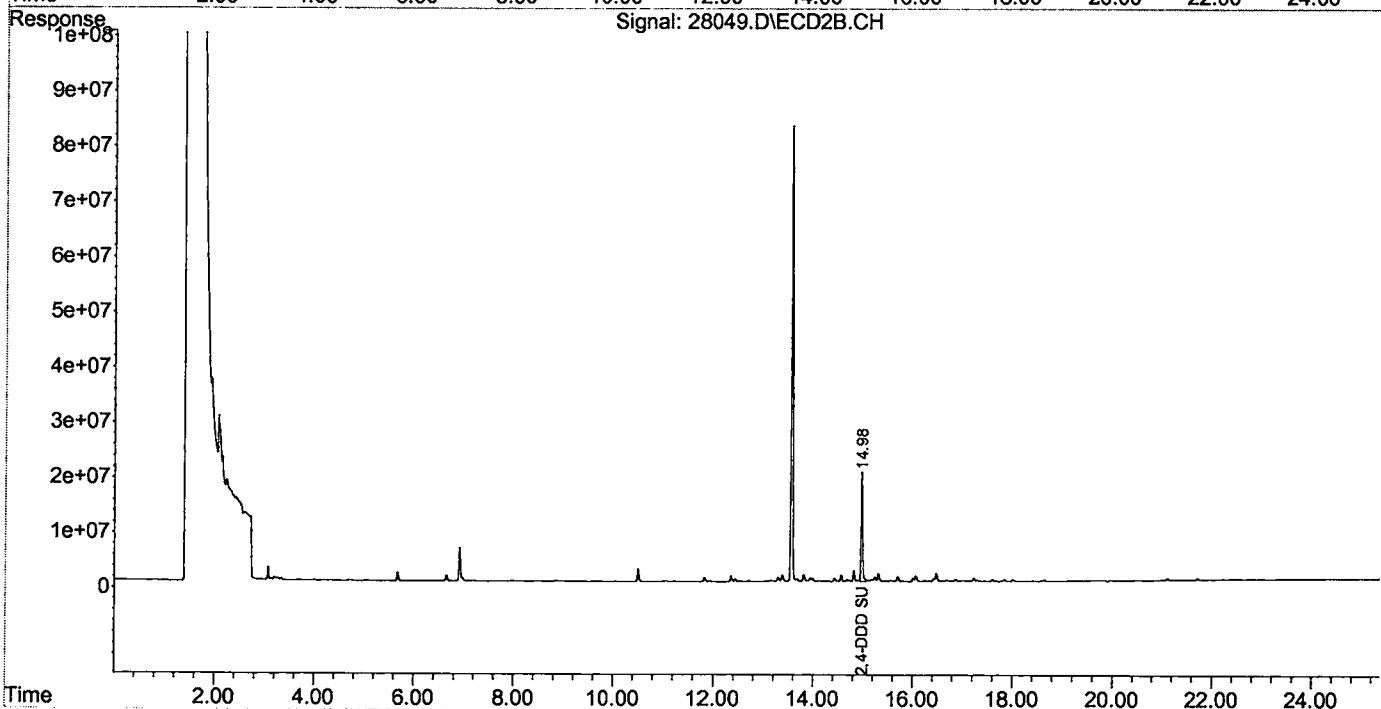
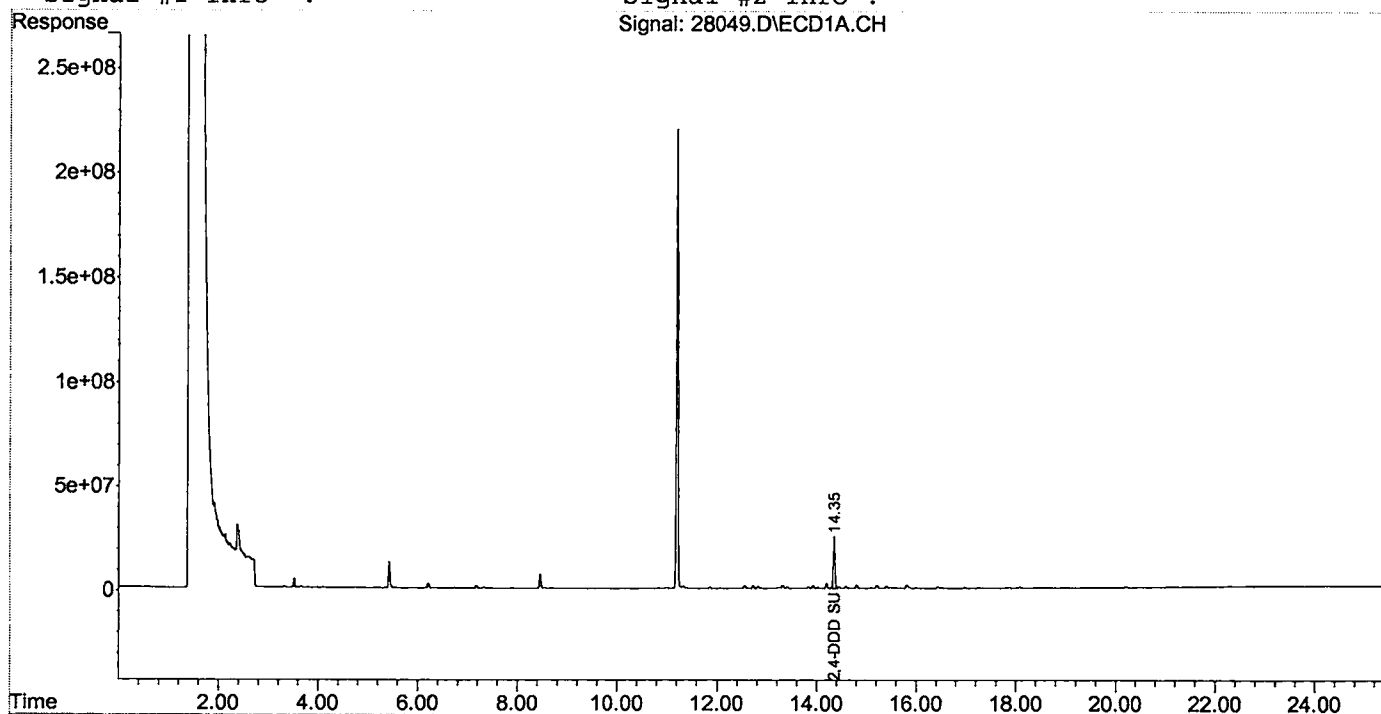
Target Compounds

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
 Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
 Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Jan 8 10:08 2002 Quant Results File: 011214T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011214T.M (Chemstation Integrator)
 Title : 508 Chlorinated Pesticides - Toxaphene
 Last Update : Mon Dec 17 14:19:26 2001
 Response via : Multiple Level Calibration
 DataAcq Meth : MDL508.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :
 Signal: 28049.D\ECD1A.CH



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
 Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
 Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Jan 08 10:14:33 2002 Quant Results File: 1PCB1254.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1254.M (Chemstation Integrator)
 Title : 508 - Arochlor 1254
 Last Update : Wed Jan 02 09:00:17 2002
 Response via : Initial Calibration
 DataAcq Meth : MDL508.M

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

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	14.35	14.98	554.3E6	425.5E6	0.196m	0.169m
Spiked Amount	0.200		Recovery	=	98.00%	84.50%
Target Compounds						
1) 1254 - peak 1	11.85	11.83	11214508	14854254	0.125m	0.126
2) 1254 - peak 2	12.72	13.81	27495834	29406176	0.120m	0.125
3) 1254 - peak 3	14.19	14.57	56410991	24459756	0.136	0.139
4) 1254 - peak 4	14.81	14.82	46998797	42880738	0.150	0.138
5) 1254 - peak 5	15.21	15.71	40192185	19703988	0.138	0.131

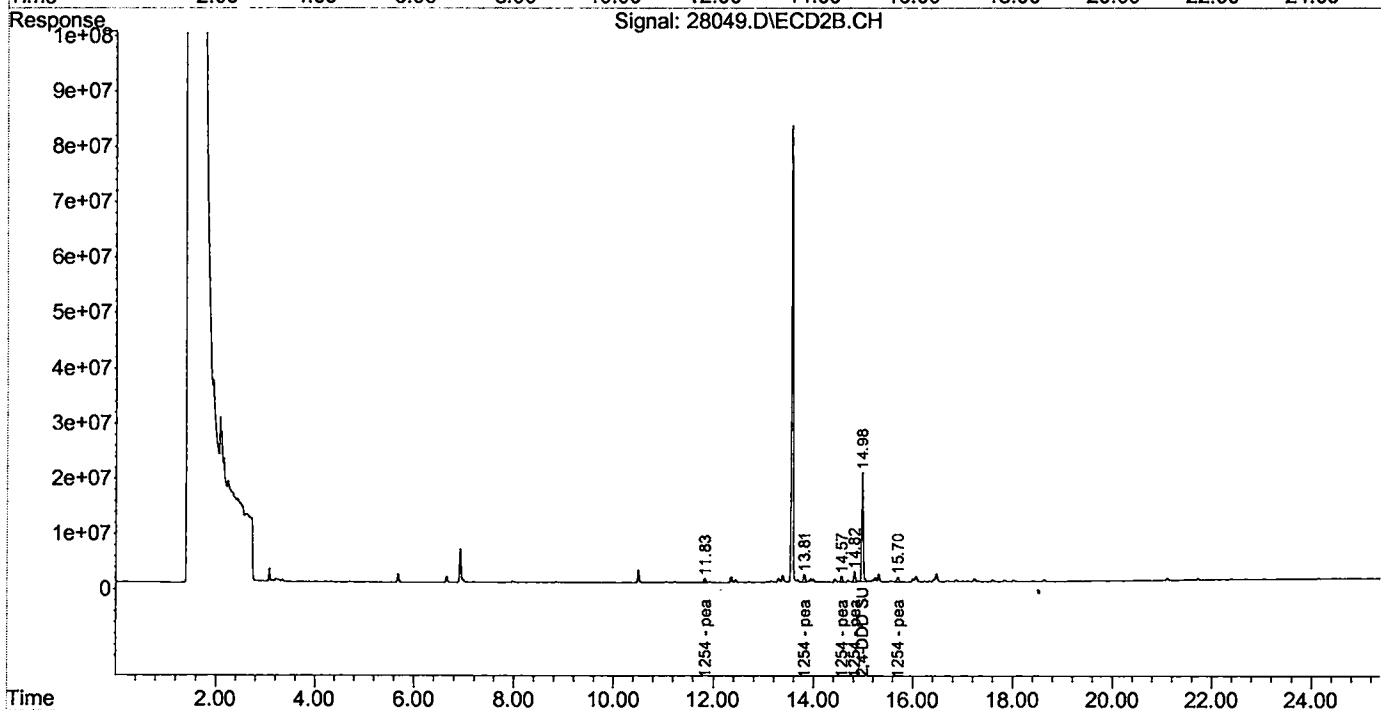
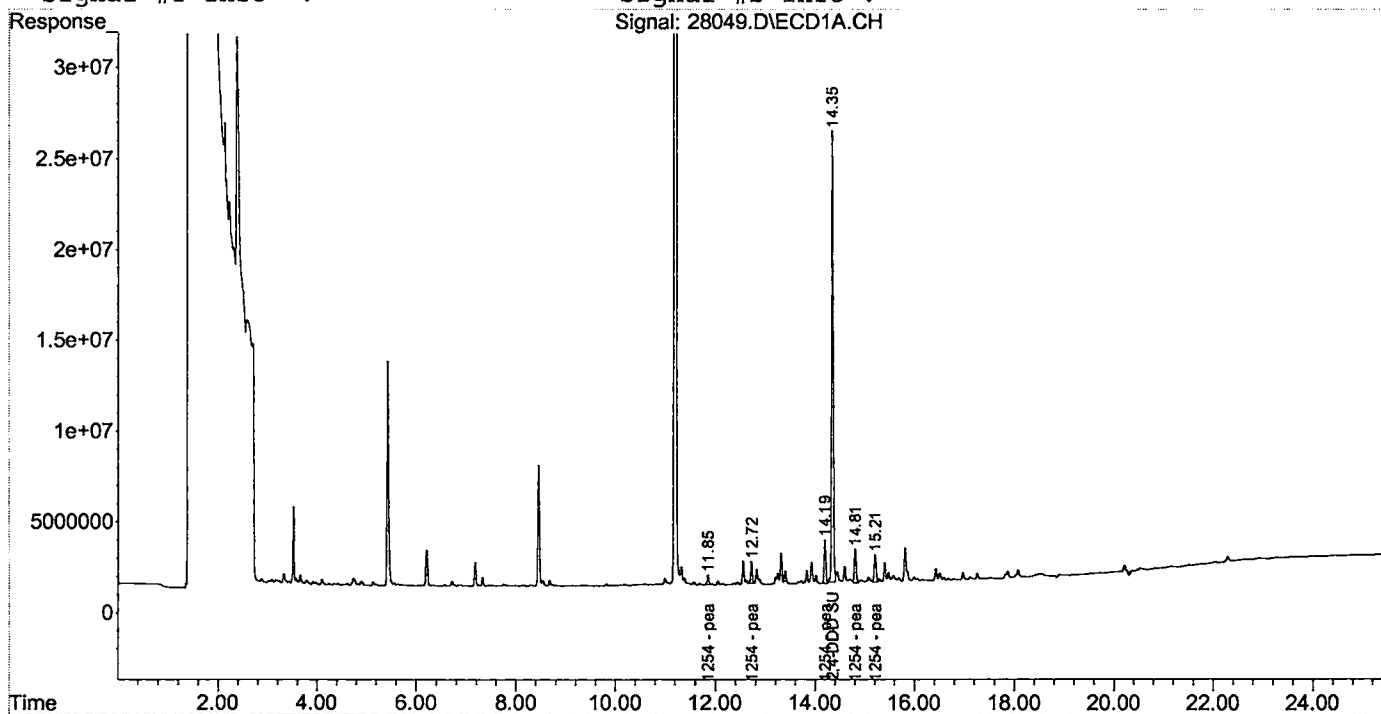
$\bar{x} = 0.13$ CMR

Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD1A.CH Vial: 29
 Signal #2 : C:\MSDCHEM\1\DATA\508\011220B\28049.D\ECD2B.CH
 Acq On : 21 Dec 2001 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
 Quant Time: Jan 8 10:16 2002 Quant Results File: 1PCB1254.RES

Quant Method : C:\MSDCHEM\1\METHODS\1PCB1254.M (Chemstation Integrator)
 Title : 508 - Arochlor 1254
 Last Update : Wed Jan 02 09:00:17 2002
 Response via : Multiple Level Calibration
 DataAcq Meth : MDL508.M

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



Comments for Sample AD28049 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-23-2002 Time: 13:51:06

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 of the 11 compounds in the Spiked Sample were below their acceptance ranges.