

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 14:04:19

Sample: AD26476
Analysis: \$508 Chlorine Pesticides - 508
Units: ug
Started: 11/6/01 14:02 Ended: 12/1/01 14:02 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		0.17		

Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 18 10:22:42 2001 Quant Results File: 011203P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011203P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Mon Dec 03 10:48:55 2001
Response via : Initial Calibration
DataAcq Meth : 508.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	14.47	15.05	477.2E6	421.4E6	0.168m	0.167
Spiked Amount 0.200			Recovery	=	84.00%	83.50%
Target Compounds						
2) g-BHC	9.96	10.35	1001675	10569553	0.000	0.002 #
3) Heptachlor	11.16	11.32	11267688	3713061	0.002	0.001 #
4) Aldrin	11.80	12.08	5095142	3285133	0.001	0.001 #
5) Heptachlor Epoxi	13.27	13.65	7592355	38407627	0.001	0.008 #
6) 4,4-DDE	14.09	14.53	3262937	5020557	0.001	0.001 #
7) Dieldrin	14.66	14.82	3162391	3687878	0.001	0.001 #
9) Methoxychlor	17.13	18.08	1530610	11449211	0.001	0.008 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
26476.D 011203P.M Tue Dec 18 10:24:15 2001 Page 1

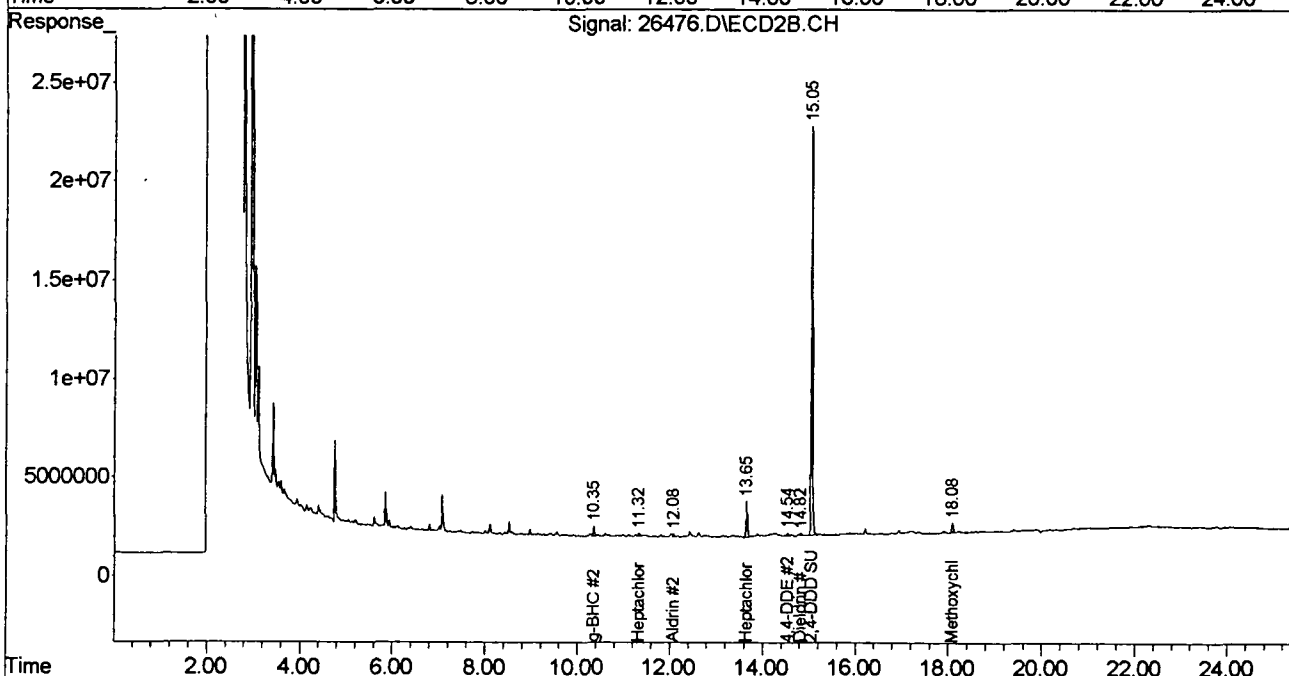
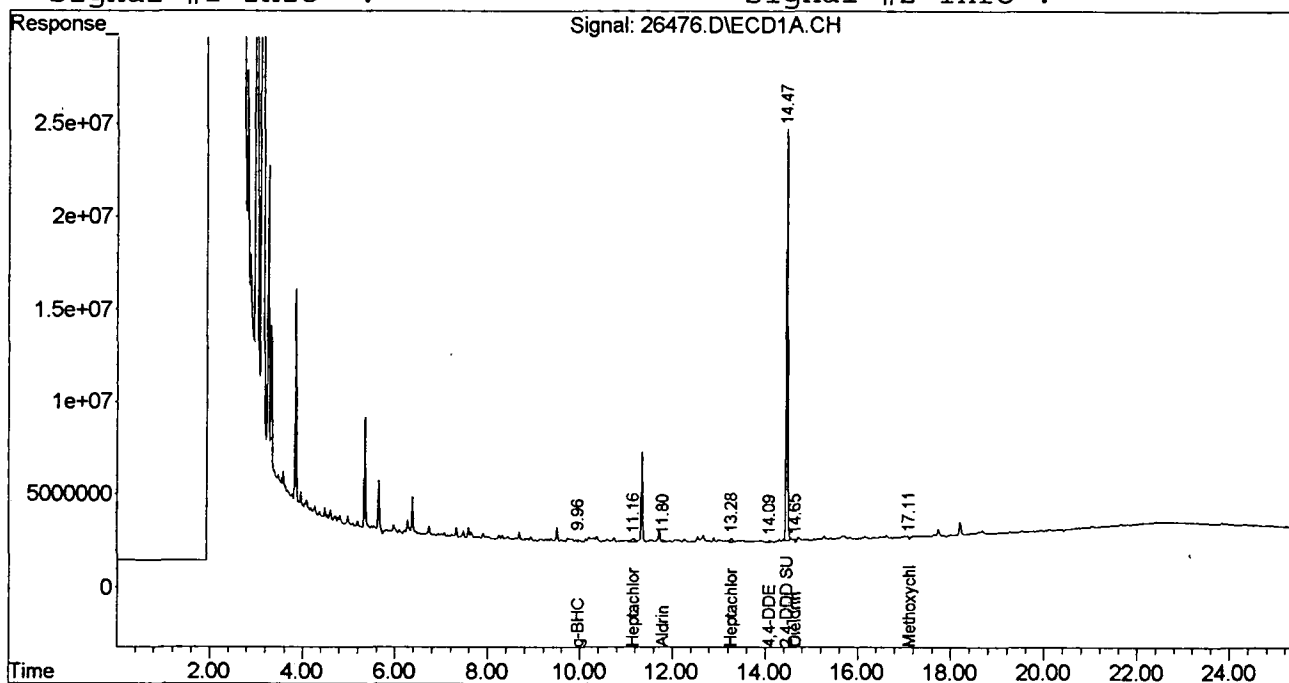
Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 18 10:24 2001 Quant Results File: 011203P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011203P.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides
Last Update : Mon Dec 03 10:48:55 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508.M

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



Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 13:44:28 2001 Quant Results File: 011201C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201C.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Chlordane
Last Update : Fri Dec 14 16:10:15 2001
Response via : Initial Calibration
DataAcq Meth : 508.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	14.47	15.05	489.7E6	421.4E6	0.158	0.173
Spiked Amount	0.200		Recovery	=	79.00%	86.50%

Target Compounds

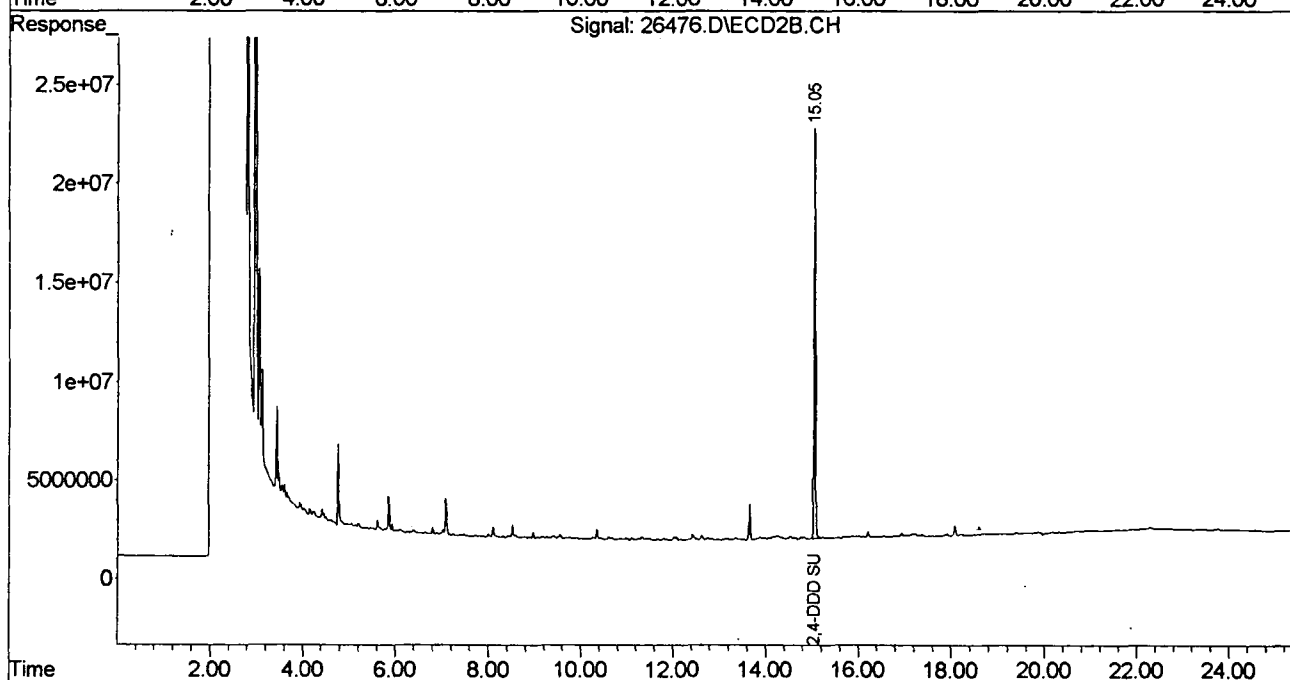
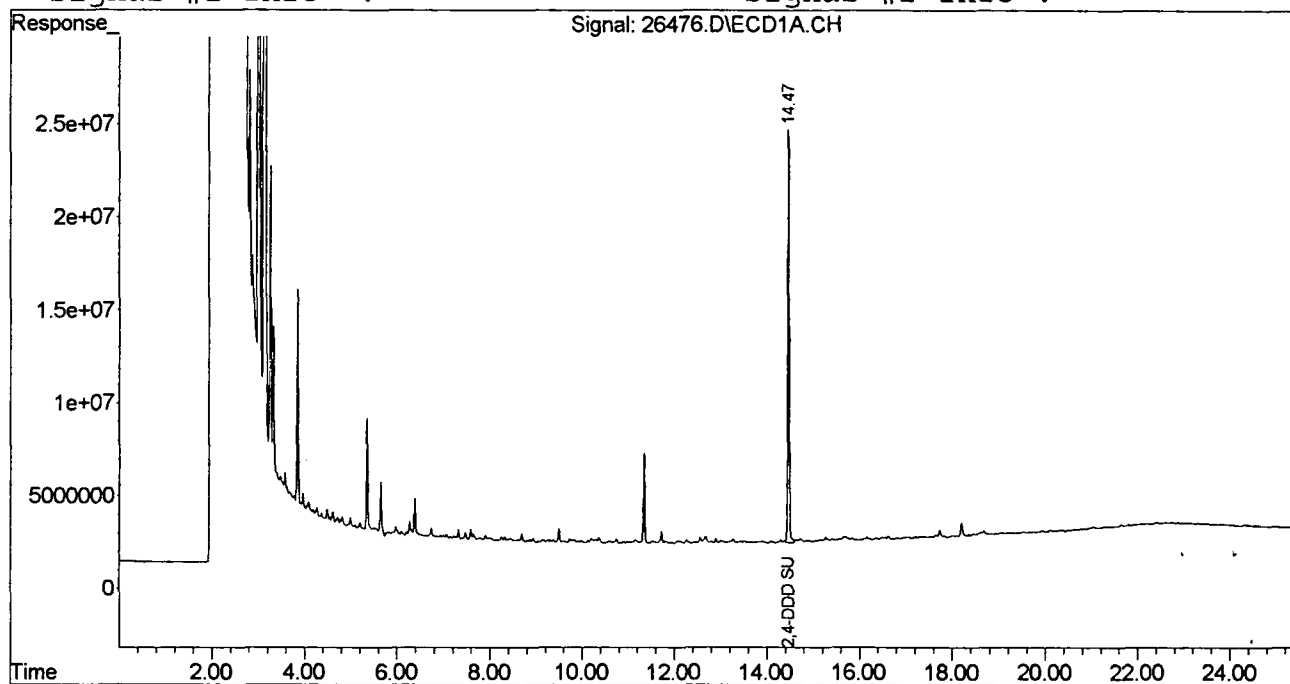
Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 13:44 2001 Quant Results File: 011201C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201C.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Chlordane
Last Update : Fri Dec 14 16:10:15 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 15:21:02 2001 Quant Results File: 011201T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201T.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Toxaphene
Last Update : Sat Dec 01 11:20:58 2001
Response via : Initial Calibration
DataAcq Meth : 508.M

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

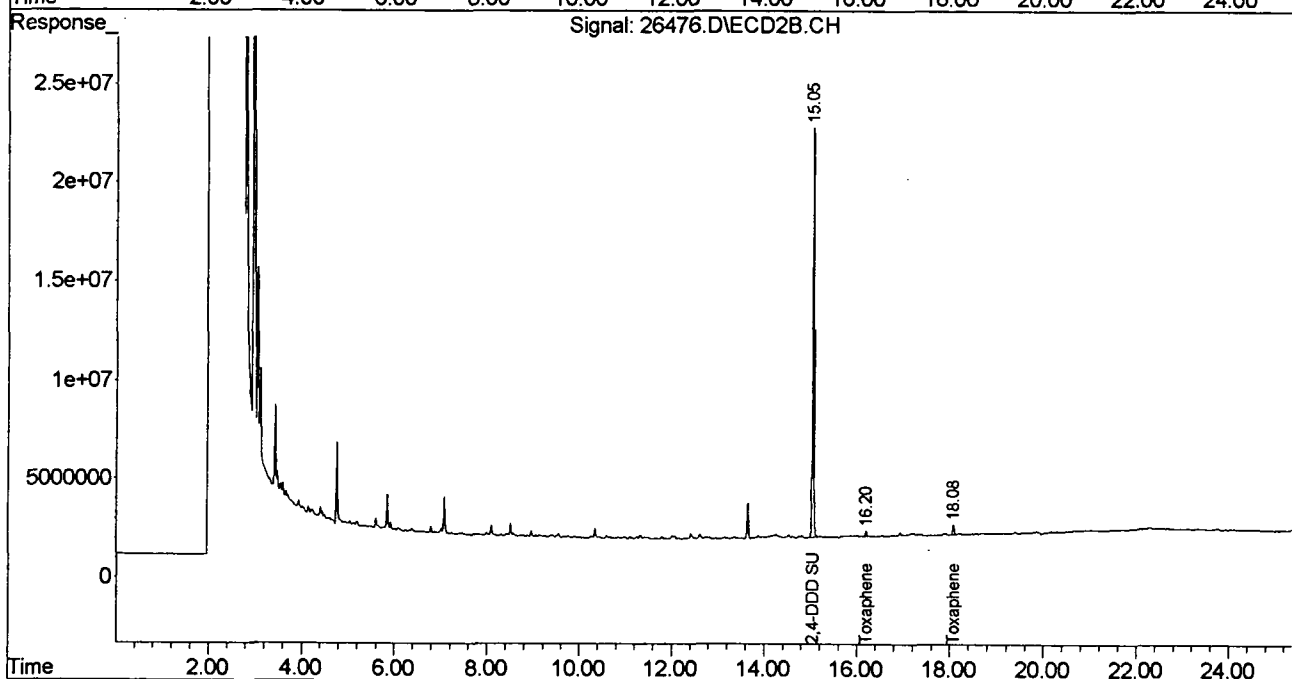
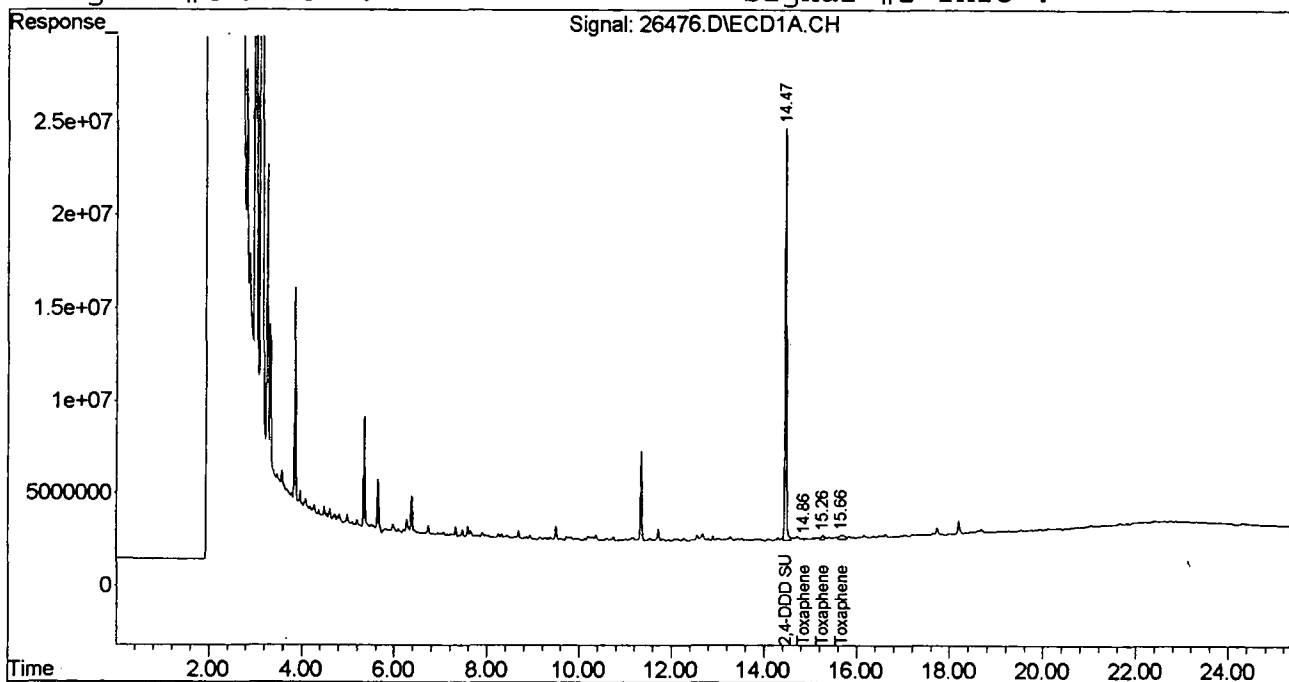
Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2

System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	14.47	15.05	489.7E6	421.4E6	0.176	0.182
Spiked Amount	0.200		Recovery	=	88.00%	91.00%
Target Compounds						
1) Toxaphene Peak 1	14.86	16.20f	379449	5926308	0.009	0.294 #
2) Toxaphene Peak 2	15.26	16.20	9412351	5926308	0.172	0.060 #
3) Toxaphene Peak 3	15.67	16.20	18523869	5926308	0.581	0.202 #
5) Toxaphene Peak 5	0.00	18.08	0	11449211	N.D. d	0.103

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 15:21 2001 Quant Results File: 011201T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201T.M (Chemstation Integrator)
Title : 508 Chlorinated Pesticides - Toxaphene
Last Update : Sat Dec 01 11:20:58 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508.M

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



Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 16:29:19 2001 Quant Results File: PCB1221.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCB1221.M (Chemstation Integrator)
Title : 508 - Arochlor 1221
Last Update : Mon Dec 17 16:14:30 2001
Response via : Initial Calibration
DataAcq Meth : 508.M

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
6) s 2,4-DDD SURROGATE	14.47	489743293	0.173 ug/l
Spiked Amount 0.200		Recovery =	86.50%
13) s 2,4-DDD SURROGATE #2	15.05	420971850	0.167 ug/l m
Spiked Amount 0.200		Recovery =	83.50%
Target Compounds			
1) 1221 - peak 1	6.27	26474186	0.481
2) 1221 - peak 2	7.32	11144110	0.143
5) 1221 - peak 5	8.68	11380481	0.073
9) 1221 - peak 2 #2	6.79	6192722	0.147
10) 1221 - peak3 #2	8.51	13166951	0.274

(f)=RT Delta > 1/2 Window

26476.D PCB1221.M

Mon Dec 17 16:29:48 2001

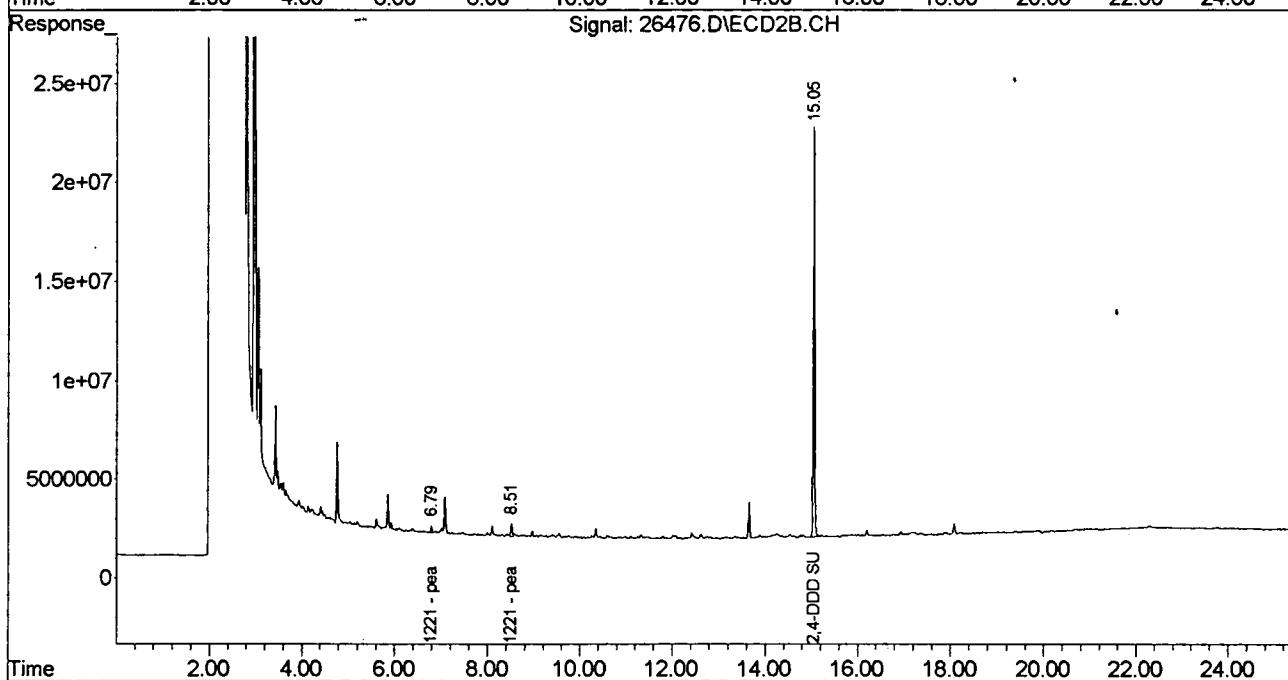
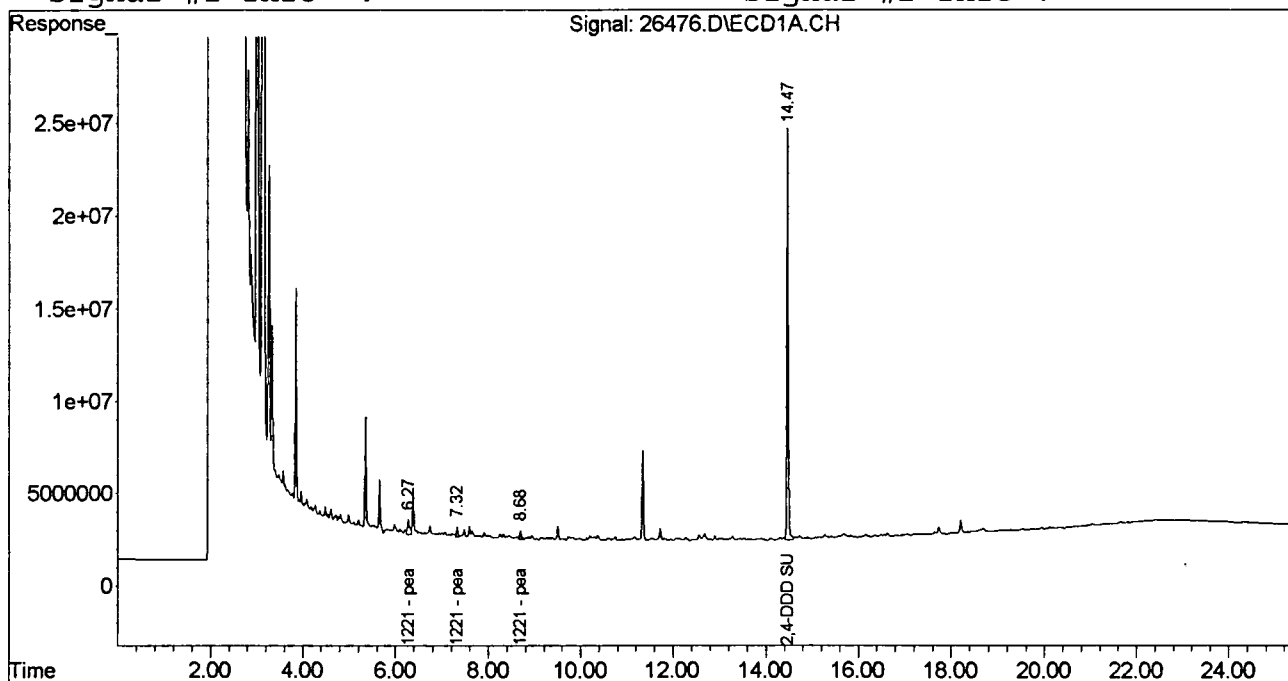
(m)=manual int.

Page 1

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD1A.CH Vial: 59
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26476.D\ECD2B.CH
Acq On : 04 Dec 2001 3:58 am Operator: Nefliu
Sample : sample Inst : Instrume
Misc : Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e
Quant Time: Dec 17 16:29 2001 Quant Results File: PCB1221.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCB1221.M (Chemstation Integrator)
Title : 508 - Arochlor 1221
Last Update : Mon Dec 17 16:14:30 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508.M

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



Comments for Sample AD26476 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L.

Date: 12-26-2001 Time: 11:53:19

Recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. Recoveries for 1 of the 11 compounds in the Spiked Sample was below its acceptance range.