

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 14:05:01

Sample: AD26478
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

(Q1 Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD1A.CH Vial: 61
 Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
 Acq On : 04 Dec 2001 4:55 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 10:25:15 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	14.46	15.05	492.0E6	441.9E6	0.174m	0.176
Spiked Amount 0.200			Recovery	=	87.00%	88.00%
Target Compounds						
2) g-BHC	9.96	10.27	11833761	2713768	0.002	0.000 #
3) Heptachlor	11.12	11.33	10161218	17656511	0.002	0.004 #
4) Aldrin	11.83	12.05	12081566	22230143	0.002	0.004 #
5) Heptachlor Epoxi	13.27	13.45	13547046	7375595	0.002	0.001 #
6) 4,4-DDE	14.09	14.48	5665408	4391080	0.001	0.001
7) Dieldrin	14.66	14.82	4011333	6317964	0.001	0.001 #
8) Endrin	15.16	15.64	14091671	4271914	0.004	0.001 #
9) Methoxychlor	0.00	18.08	0	16687986	N.D. d	0.012

 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

26478.D 011203P.M

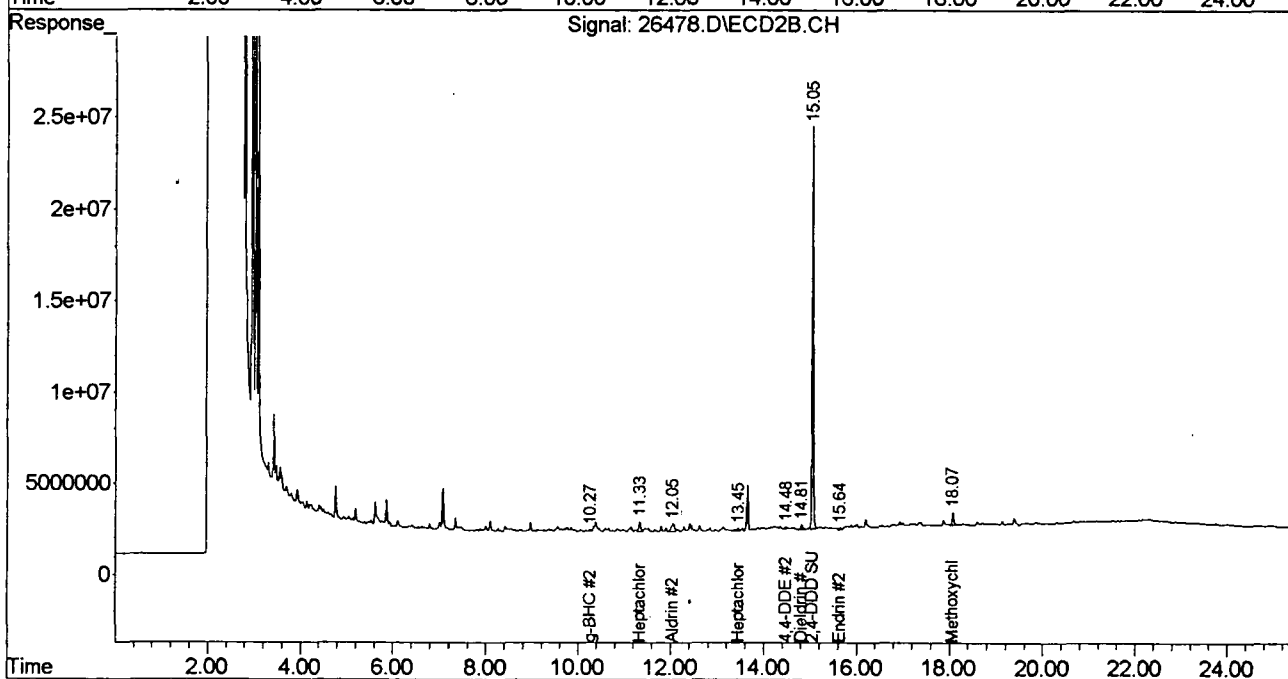
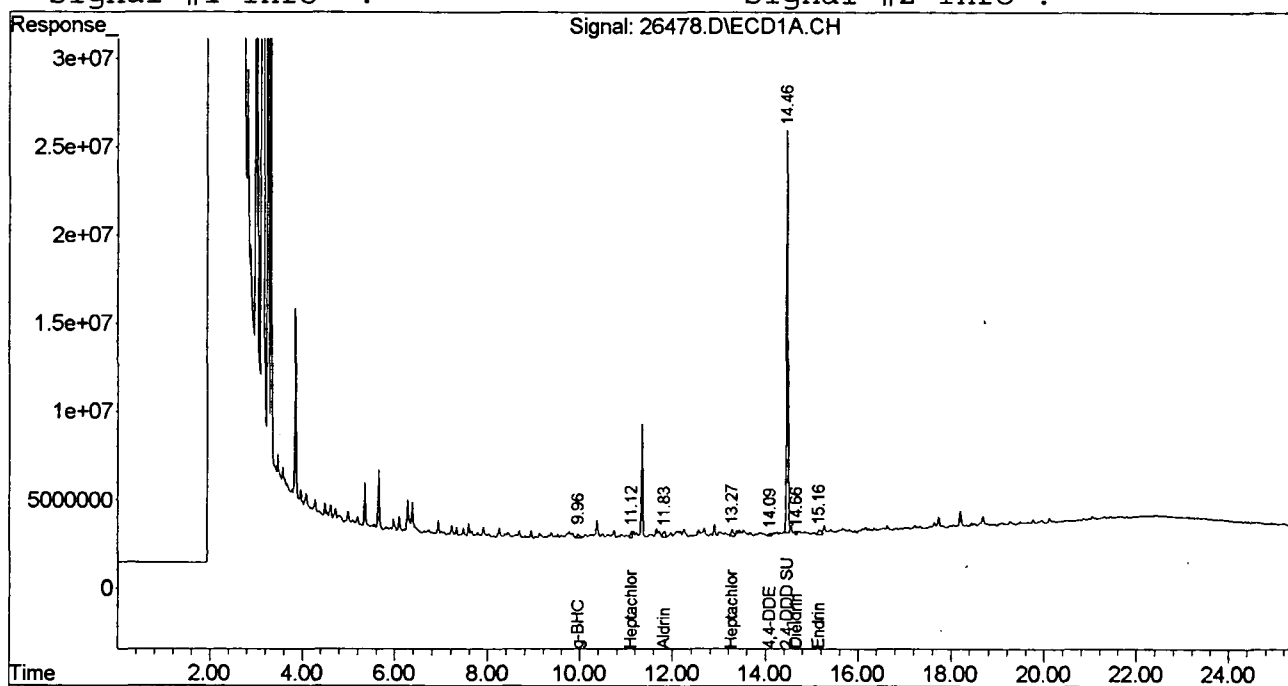
Tue Dec 18 10:25:38 2001

Page 1

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 10:25 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\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 13:45:19 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	504.2E6	441.9E6	0.163	0.181
Spiked Amount	0.200		Recovery	=	81.50%	90.50%

Target Compounds

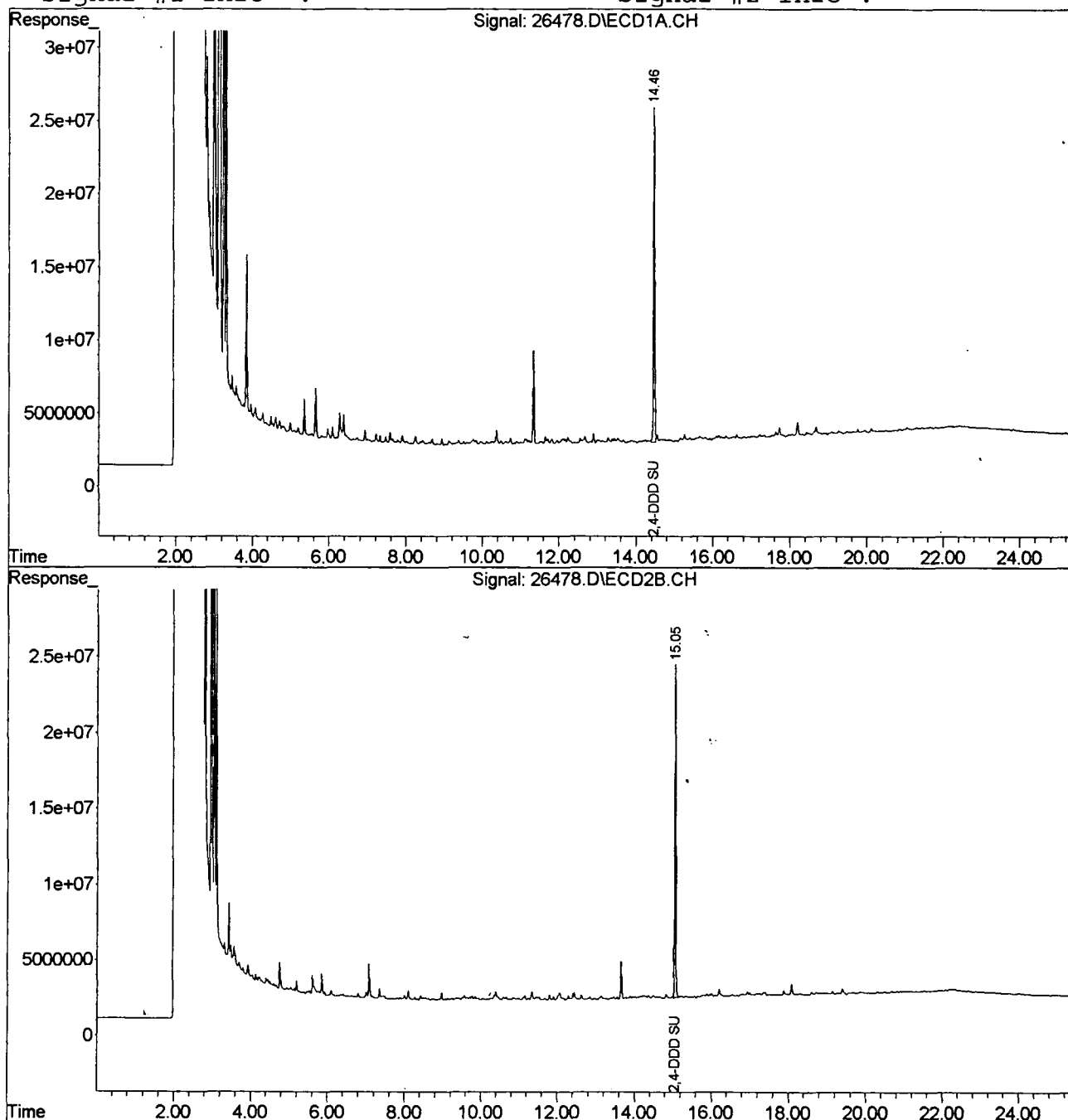
Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 13:45 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\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 15:21:42 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

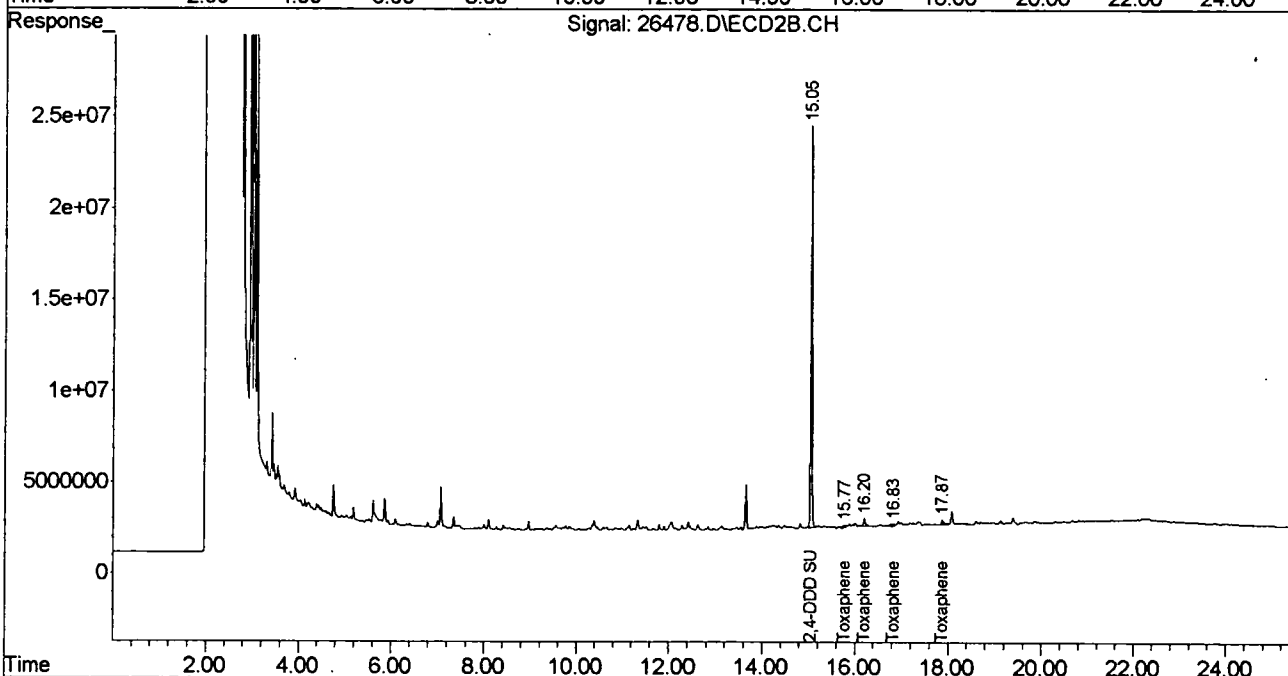
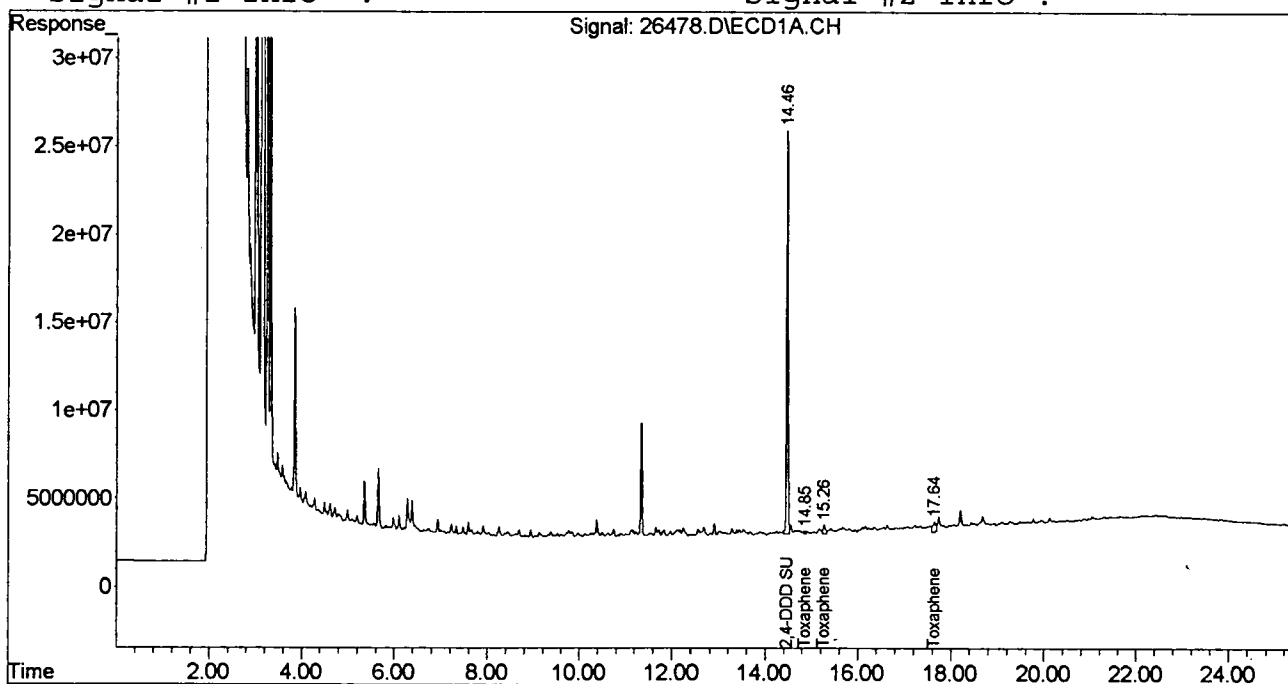
System Monitoring Compounds						
6) s 2,4-DDD SURROGAT	14.47	15.05	504.2E6	441.9E6	0.181	0.191
Spiked Amount	0.200		Recovery	=	90.50%	95.50%
Target Compounds						
1) Toxaphene Peak 1	14.85	15.78	4326198	6603517	0.104	0.327 #
2) Toxaphene Peak 2	15.26	16.20	18083460	10961432	0.330	0.110 #
4) Toxaphene Peak 4	0.00	16.83	0	5514462	N.D. d	0.059
5) Toxaphene Peak 5	17.64	17.87	26050486	9239879	0.563	0.083 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
26478.D 011201T.M Mon Dec 17 15:22:22 2001 Page 1

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 15:22 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\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 16:30:24 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	504223241	0.178 ug/l
Spiked Amount 0.200		Recovery =	89.00%
13) s 2,4-DDD SURROGATE #2	15.05	437956385	0.174 ug/l m
Spiked Amount 0.200		Recovery =	87.00%
Target Compounds			
1) 1221 - peak 1	6.27	53624118	0.974
2) 1221 - peak 2	7.32	9135822	0.117
3) 1221 - peak 3	8.13	1721619	0.026
5) 1221 - peak 5	8.68	10681731	0.068
9) 1221 - peak 2 #2	6.79	5200752	0.123

(f)=RT Delta > 1/2 Window

26478.D PCB1221.M

Mon Dec 17 16:30:50 2001

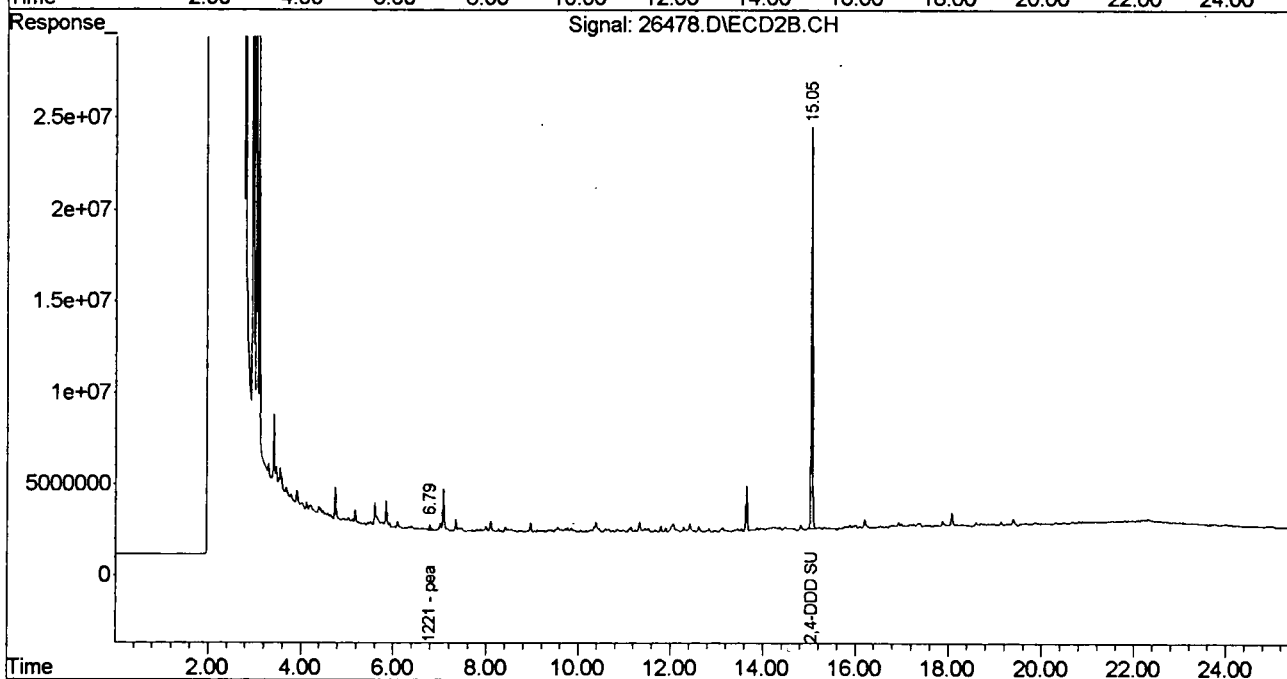
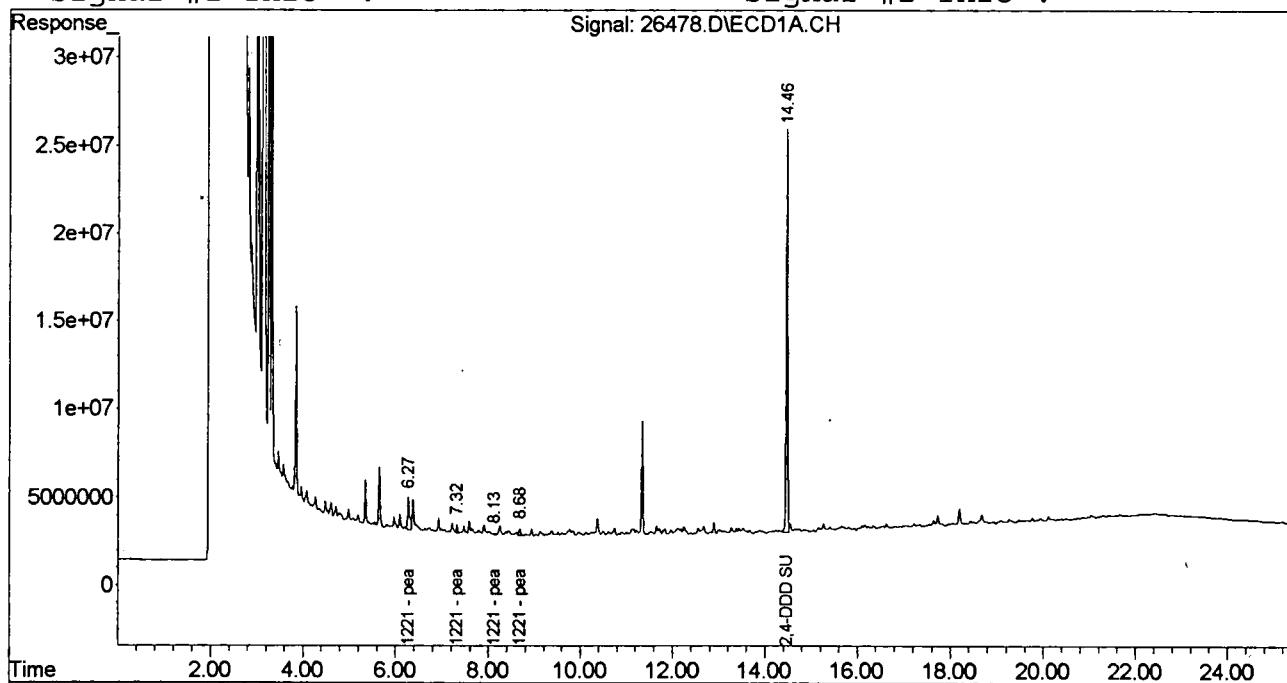
(m)=manual int.

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Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD1A.CH Vial: 61
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26478.D\ECD2B.CH
Acq On : 04 Dec 2001 4:55 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 16:30 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 AD26478 - Analysis \$508

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-26-2001 Time: 11:55:04

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.