

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/18/2001 Time: 12:02:18

Sample: AD26387  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 11/5/01 11:52 Ended: 12/1/01 11:52 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       |      | 0.19   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 18 10:09:32 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 :

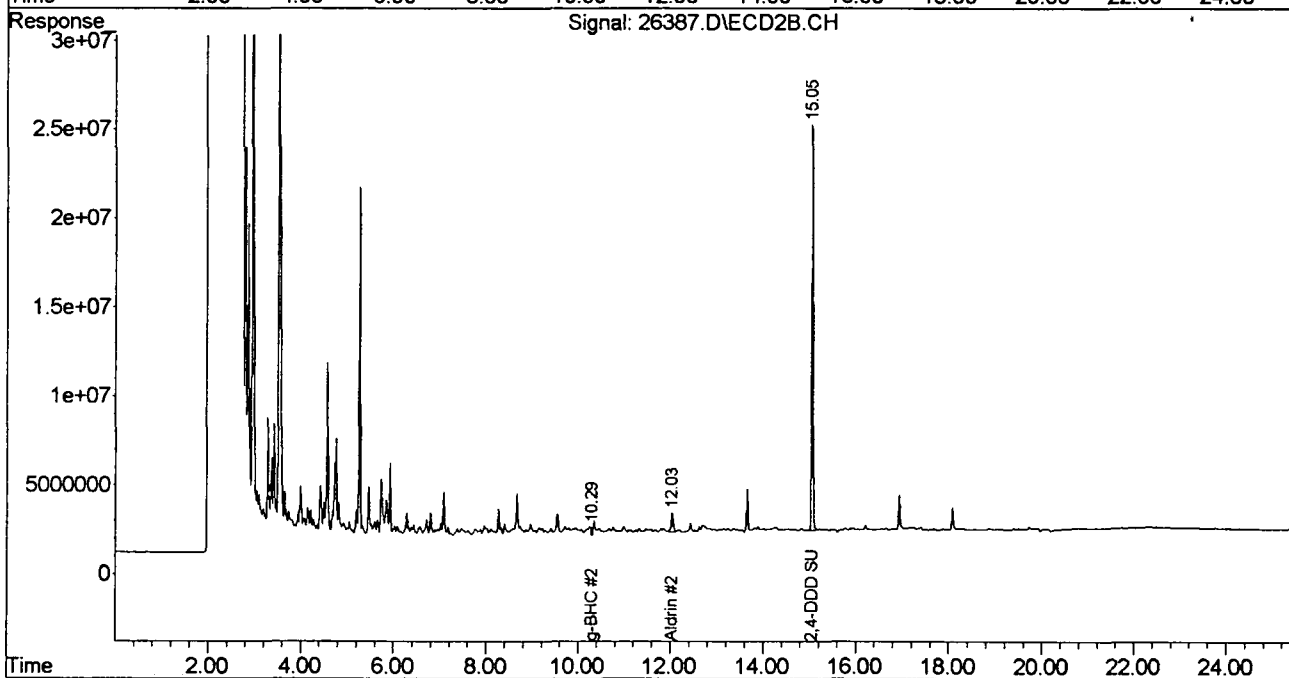
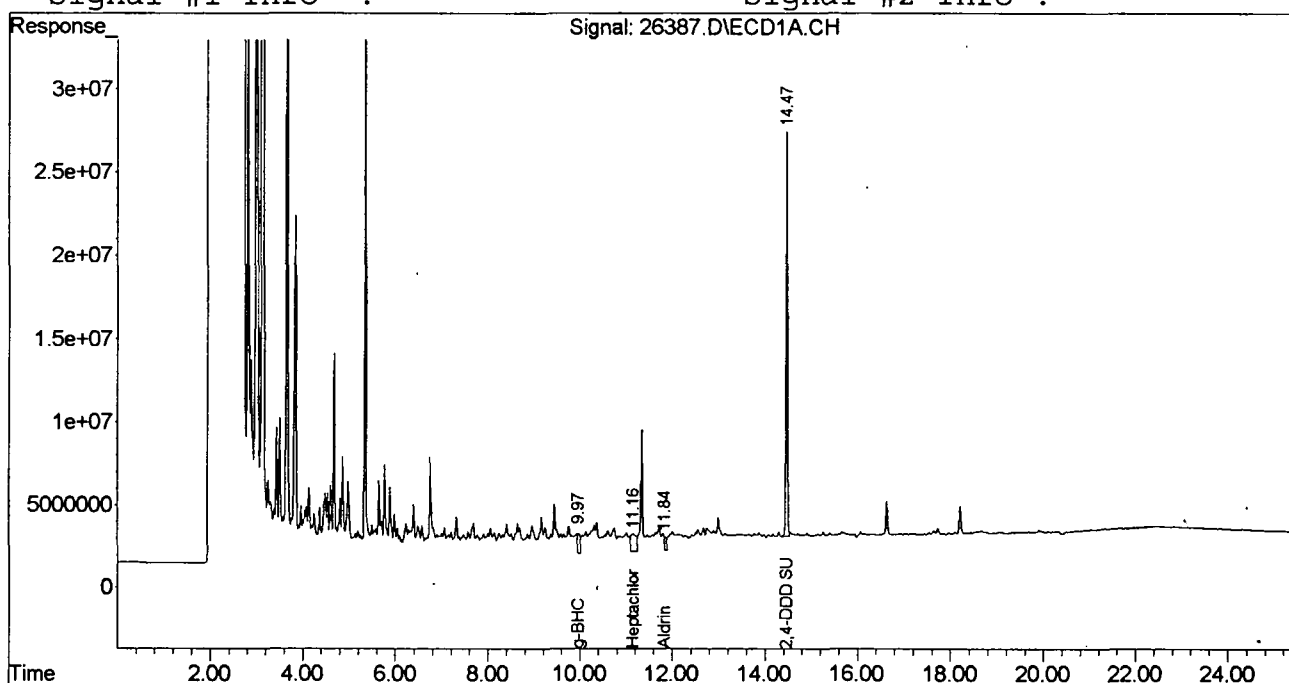
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ug/l   | ug/l     |
|-----------------------------|-------|-------|----------|----------|--------|----------|
| -----                       |       |       |          |          |        |          |
| System Monitoring Compounds |       |       |          |          |        |          |
| 10) s 2,4-DDD SURROGAT      | 14.47 | 15.05 | 529.7E6  | 462.6E6  | 0.187m | 0.184    |
| Spiked Amount               | 0.200 |       | Recovery | =        | 93.50% | 92.00%   |
| Target Compounds            |       |       |          |          |        |          |
| 2) g-BHC                    | 9.97  | 10.29 | 44679828 | 9580771  | 0.007  | 0.002 #  |
| 3) Heptachlor               | 11.16 | 0.00  | 92336282 | 0        | 0.016  | N.D., d# |
| 4) Aldrin                   | 11.84 | 12.04 | 28083773 | 31675757 | 0.005  | 0.006    |

# Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD1A.CH Vial: 43  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
 Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
 Sample : sample Inst : Instrume  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Dec 18 10:10 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\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 13:33:37 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 | 535.2E6  | 462.6E6 | 0.173m | 0.190  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 86.50% | 95.00% |

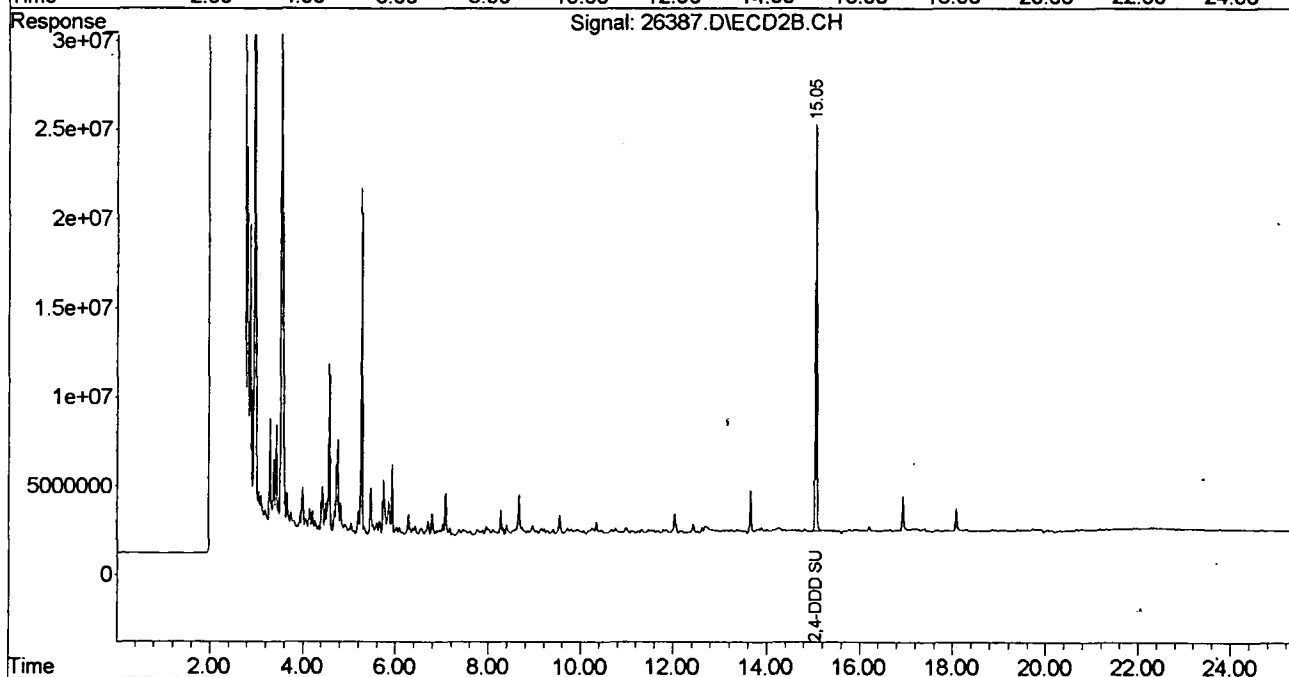
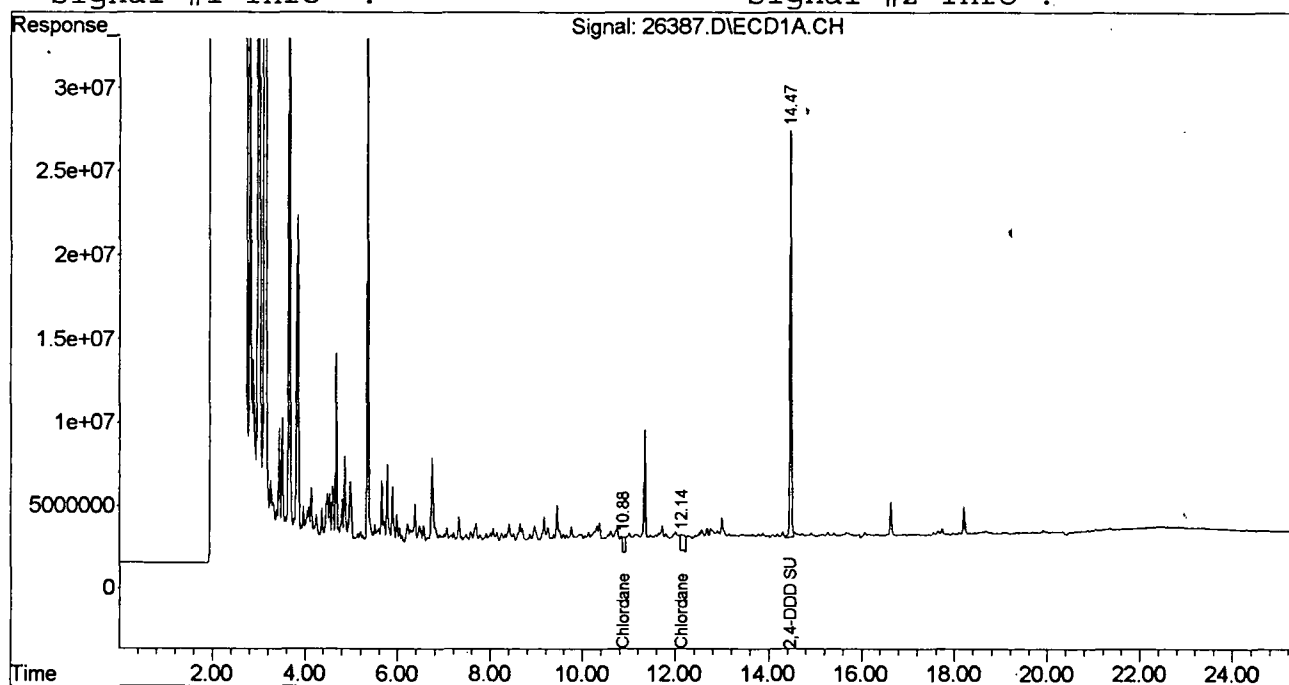
| Target Compounds |                  |       |      |          |   |               |
|------------------|------------------|-------|------|----------|---|---------------|
| 1)               | Chlordane Peak 1 | 10.88 | 0.00 | 38592522 | 0 | 0.164 N.D. d# |
| 2)               | Chlordane Peak 2 | 12.14 | 0.00 | 68987168 | 0 | 0.309 N.D. d# |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 13:33 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\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 14:58:23 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 | 530.0E6  | 462.6E6 | 0.190m | 0.200   |
|      | Spiked Amount    | 0.200 |       | Recovery | =       | 95.00% | 100.00% |

## Target Compounds

|    |                  |       |       |          |          |        |         |
|----|------------------|-------|-------|----------|----------|--------|---------|
| 2) | Toxaphene Peak 2 | 15.26 | 16.20 | 63333282 | 4744038  | 1.157  | 0.048 # |
| 3) | Toxaphene Peak 3 | 15.67 | 16.20 | 74214513 | 4744038  | 2.327  | 0.162 # |
| 4) | Toxaphene Peak 4 | 17.28 | 16.93 | 12741403 | 47357291 | 0.102  | 0.502 # |
| 5) | Toxaphene Peak 5 | 0.00  | 18.08 | 0        | 28234903 | N.D. d | 0.255   |

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

26387.D 011201T.M Mon Dec 17 14:58:47 2001

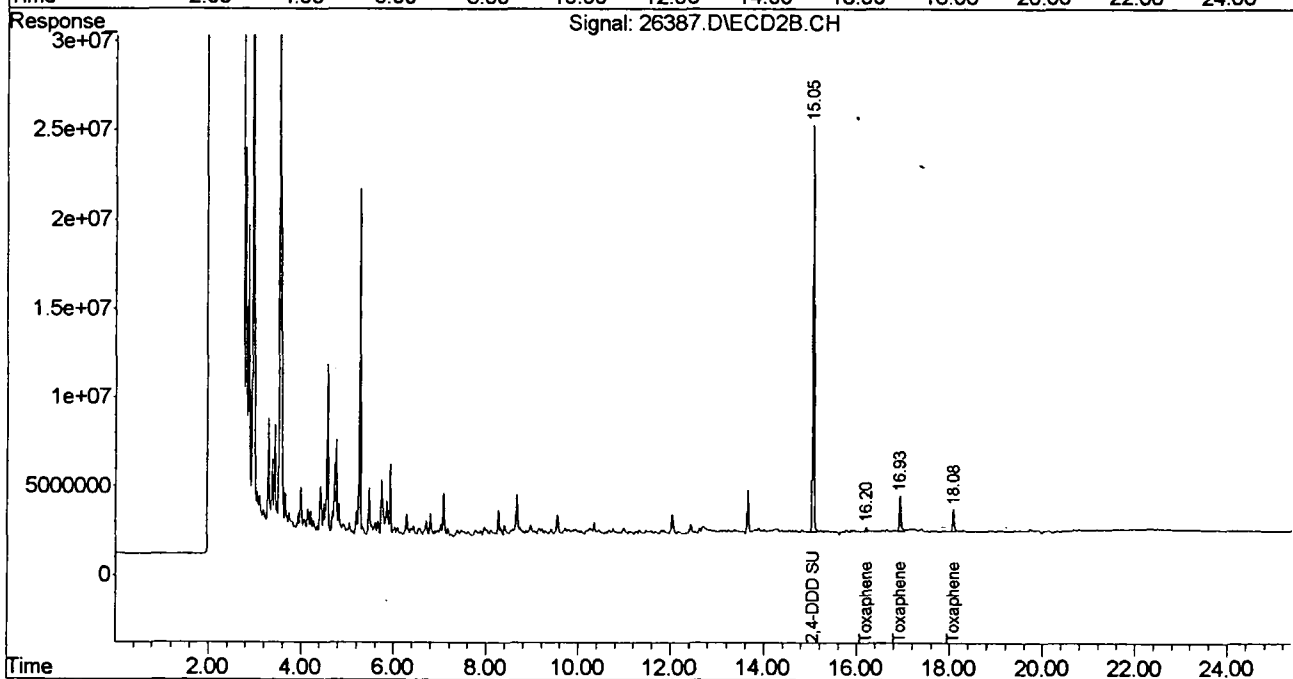
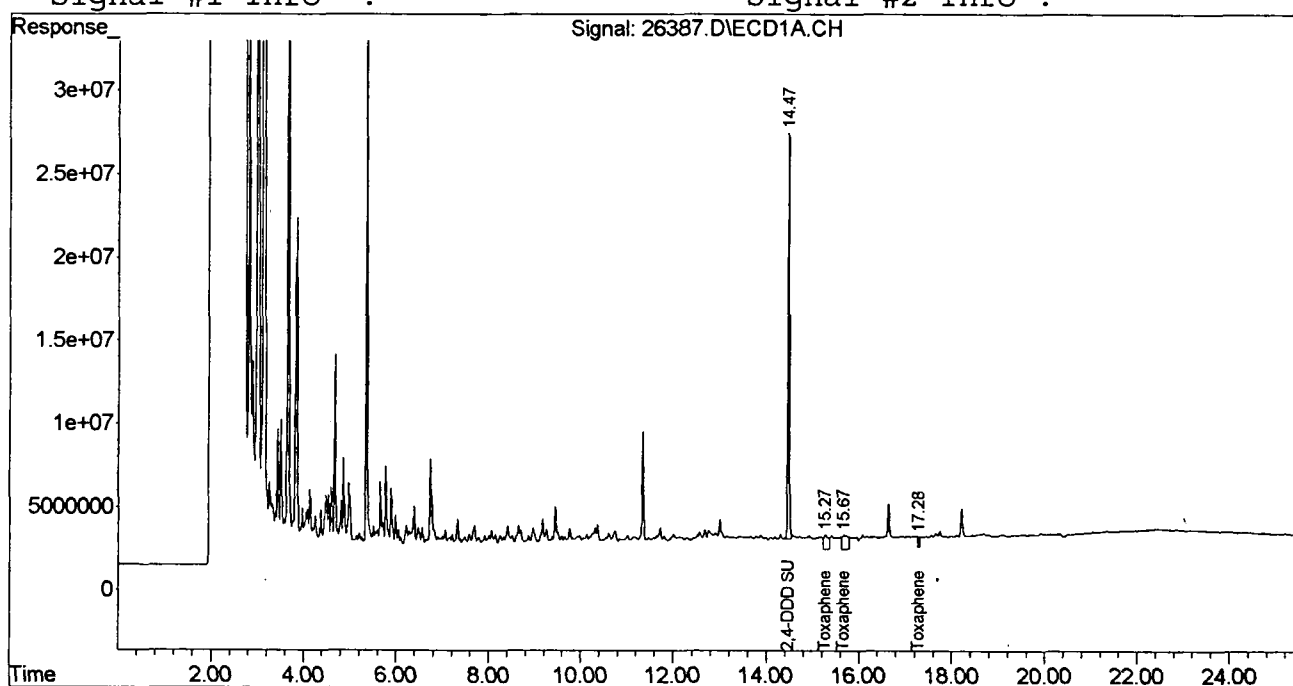
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## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 14:58 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\26387.D\ECD1A.CH Vial: 43  
 Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
 Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
 Sample : sample Inst : Instrume  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
 Quant Time: Dec 17 16:18:16 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 | 522302086  | 0.184  | ug/l m |
| Spiked Amount 0.200         |       | Recovery = | 92.00% |        |
| 13) s 2,4-DDD SURROGATE #2  | 15.05 | 462212822  | 0.184  | ug/l m |
| Spiked Amount 0.200         |       | Recovery = | 92.00% |        |
| Target Compounds            |       |            |        |        |
| 2) 1221 - peak 2            | 7.32  | 32539267   | 0.418  | m      |
| 5) 1221 - peak 5            | 8.64  | 10016261   | 0.064  | m      |
| 9) 1221 - peak 2 #2         | 6.79  | 25756873   | 0.610  | m      |

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 (f)=RT Delta > 1/2 Window

26387.D PCB1221.M Mon Dec 17 16:18:48 2001

(m)=manual int.

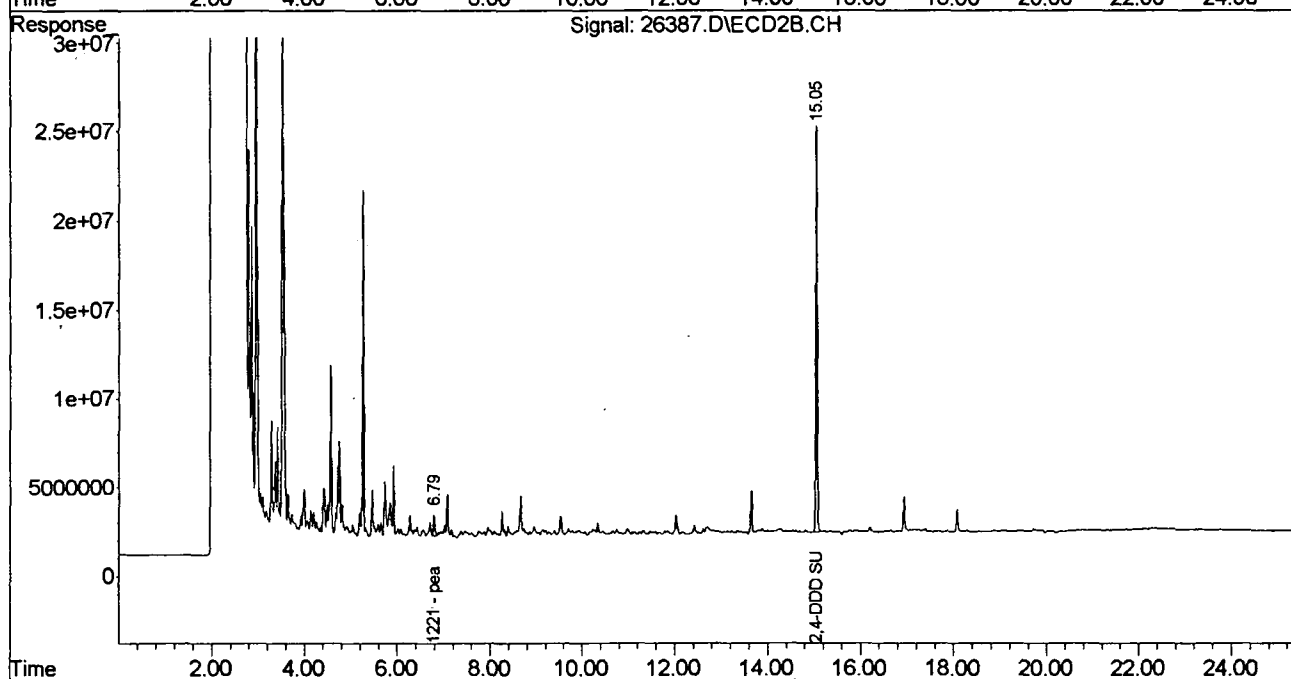
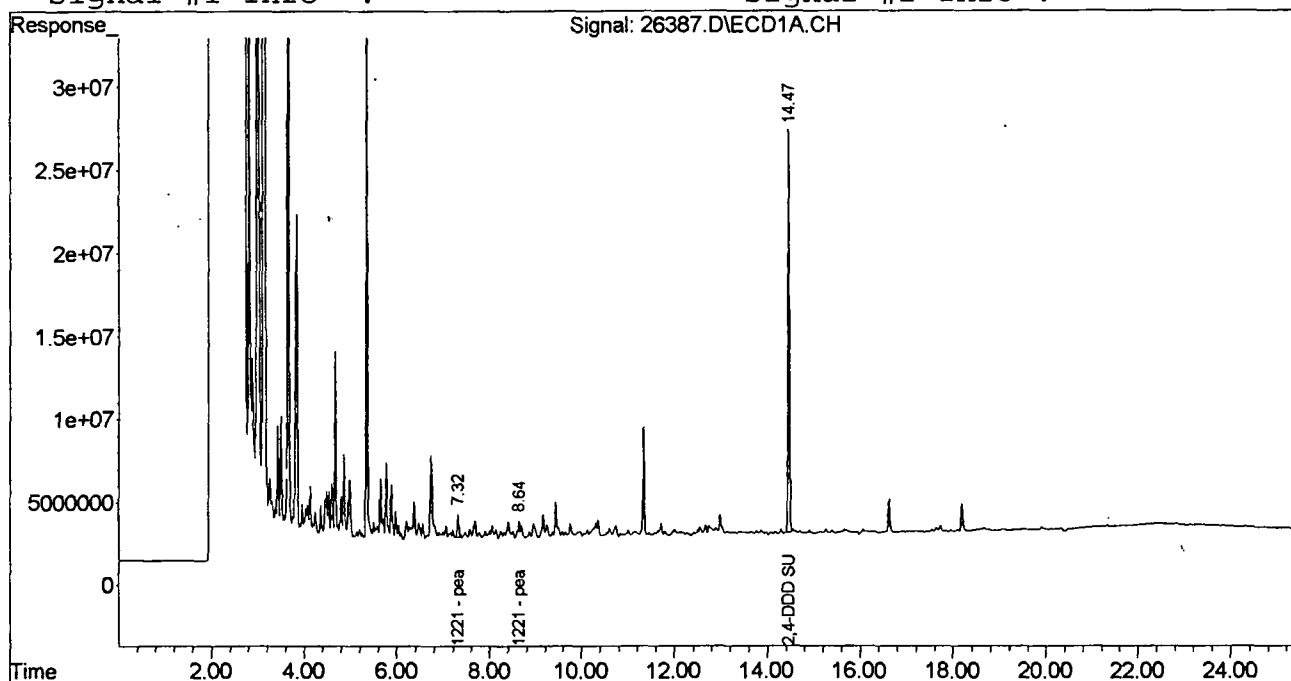
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## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD1A.CH Vial: 43  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26387.D\ECD2B.CH  
Acq On : 03 Dec 2001 8:22 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 16:18 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 AD26387 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-21-2001 Time: 13:07:45

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.