

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/12/2001 Time: 16:39:39

Sample: AD26624  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 11/7/01 16:38 Ended: 11/30/01 16:38 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       |      | 0.16   |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
Quant Time: Dec 10 13:06 2001 Quant Results File: 121001P2.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P2.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Dec 10 13:04:49 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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      | 21.62  | 21.91  | 2611239  | 192673 | 0.140  | 0.156m  |
| Spiked Amount 0.200         |        |        | Recovery | =      | 70.00% | 78.00%  |
| Target Compounds            |        |        |          |        |        |         |
| 1) Propachlor               | 14.22f | 13.78  | 6154     | 604    | 0.002  | 0.002   |
| 2) g-BHC                    | 0.00   | 16.32f | 0        | 431    | N.D. d | 0.000   |
| 3) Heptachlor               | 17.11  | 0.00   | 68187    | 0      | 0.001  | N.D. #  |
| 4) Aldrin                   | 17.96  | 0.00   | 7351     | 0      | 0.000  | N.D. d# |
| 6) 4,4-DDE                  | 20.88  | 21.21  | 54577    | 1465   | 0.001  | 0.001 # |
| 7) Dieldrin                 | 21.40  | 0.00   | 12349    | 0      | 0.000  | N.D. #  |
| 8) Endrin                   | 21.88  | 22.35f | 4246     | 452    | 0.000  | 0.000 # |

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

26624.D 121001P2.M Mon Dec 10 13:06:13 2001

Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD1A.CH Vial: 56

Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH

Acq On : 2 Dec 2001 1:25 am

Operator: Nefliu

Sample : sample

Inst : 105

Misc :

Multiplr: 1.00

IntFile Signal #1: EVENTS.E

IntFile Signal #2: EVENTS.E

Quant Time: Dec 10 13:06 2001

Quant Results File: 121001P2.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P2.M (Chemstation Integrator)

Title : 508 Chlorinated Pesticides

Last Update : Mon Dec 10 13:04:49 2001

Response via : Multiple Level Calibration

DataAcq Meth : PESTPCB.M

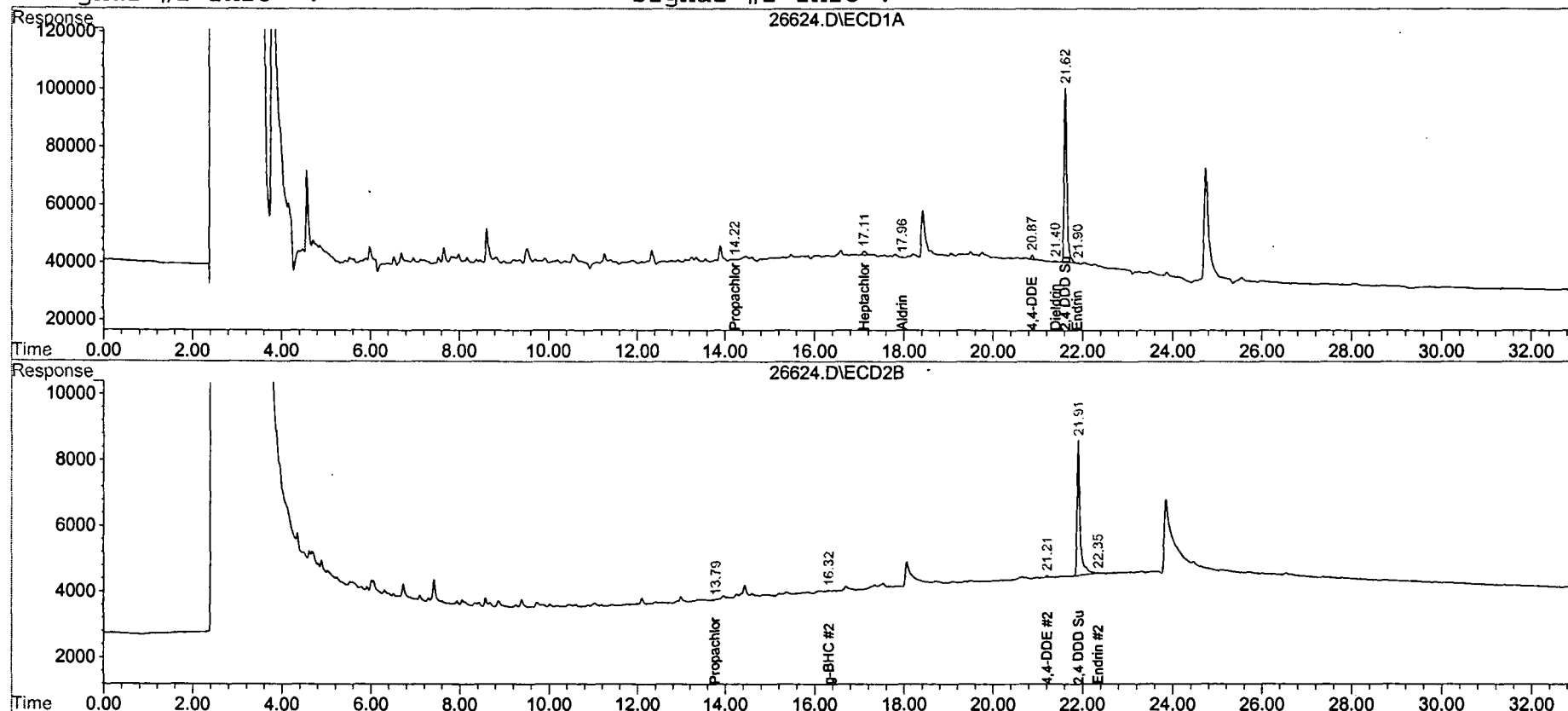
Volume Inj. :

Signal #1 Phase :

Signal #2 Phase:

Signal #1 Info :

Signal #2 Info :



## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 15:00 2001 Quant Results File: 121001C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.62 | 21.91 | 2593689  | 192838 | 0.107  | 0.130   |
| Spiked Amount 0.200         |       |       | Recovery | =      | 53.50% | 65.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) Chlordane 1              | 20.00 | 16.71 | 1408     | 5653   | 0.001  | 0.044 # |
| 2) Chlordane 2              | 20.51 | 0.00  | 14895    | 0      | 0.003  | N.D. d# |
| 3) Chlordane 3              | 20.65 | 0.00  | 400      | 0      | 0.000  | N.D. d# |

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

26624.D 121001C.M Mon Dec 10 15:00:54 2001

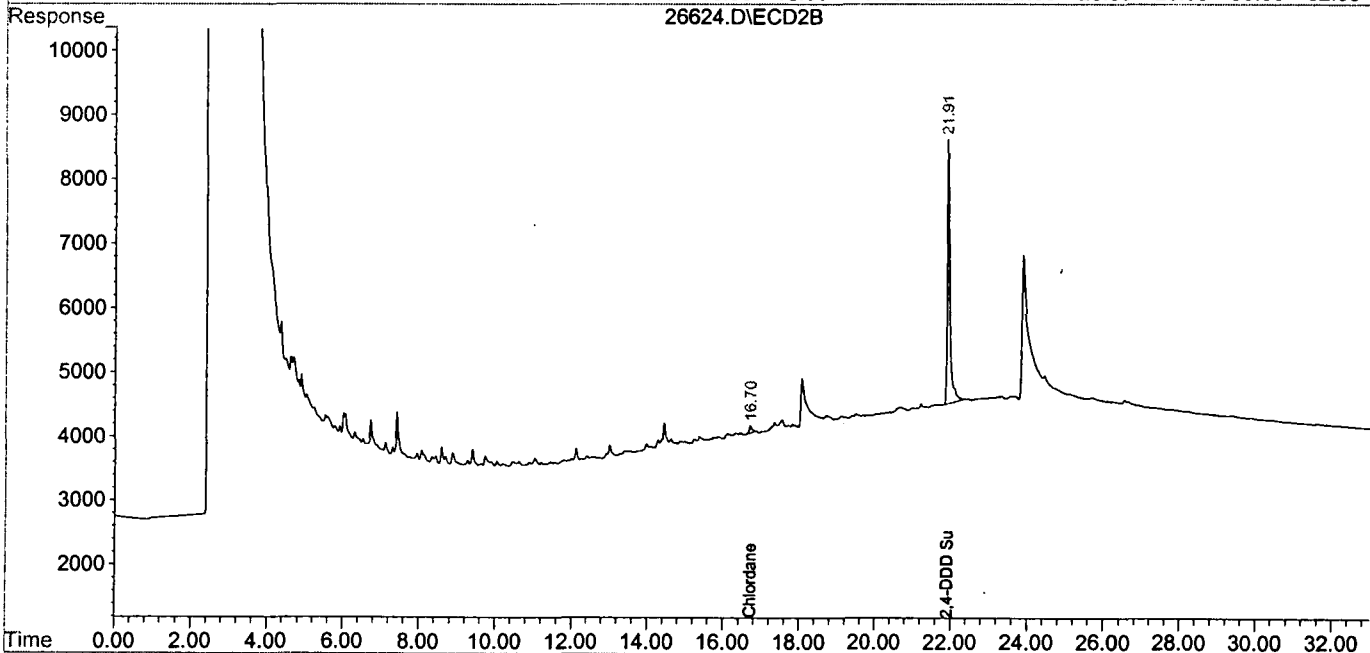
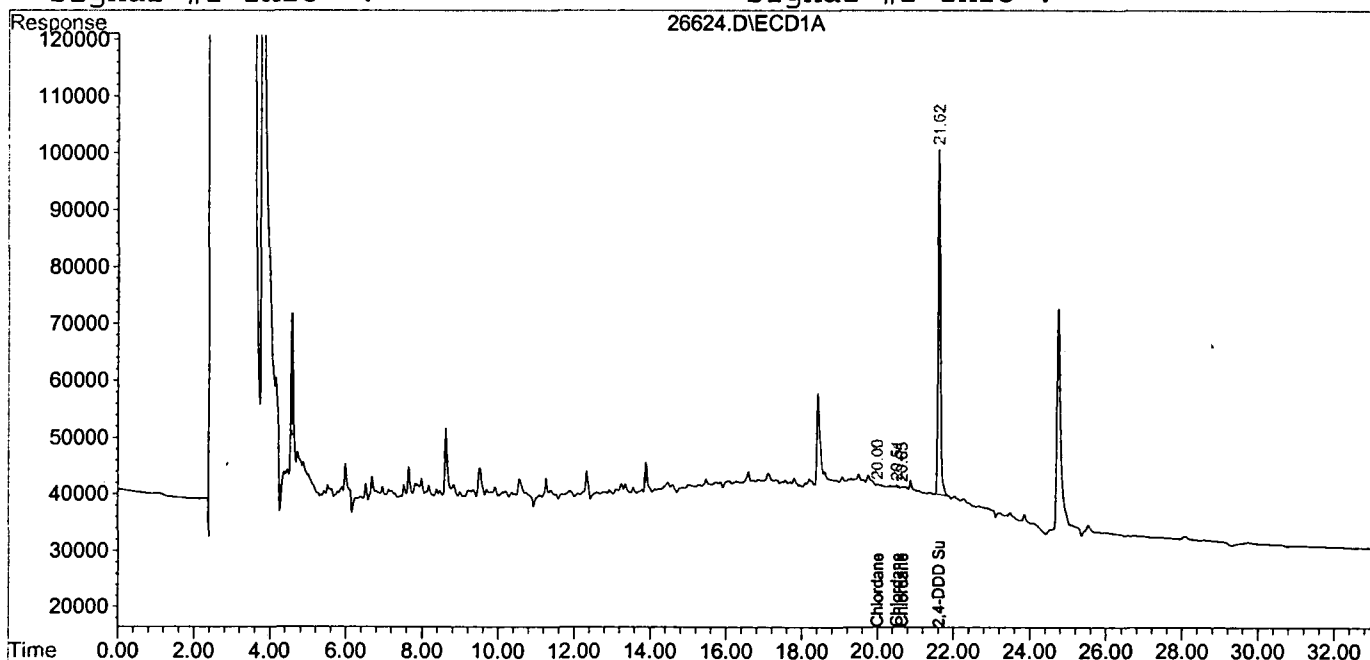
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD1A.CH Vial: 56  
 Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH  
 Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 10 15:00 2001 Quant Results File: 121001C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 12:11 2001 Quant Results File: 121001T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Fri Dec 07 12:12:37 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.62 | 21.91 | 2770927  | 199415 | 0.103  | 0.139m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 51.50% | 69.50%  |

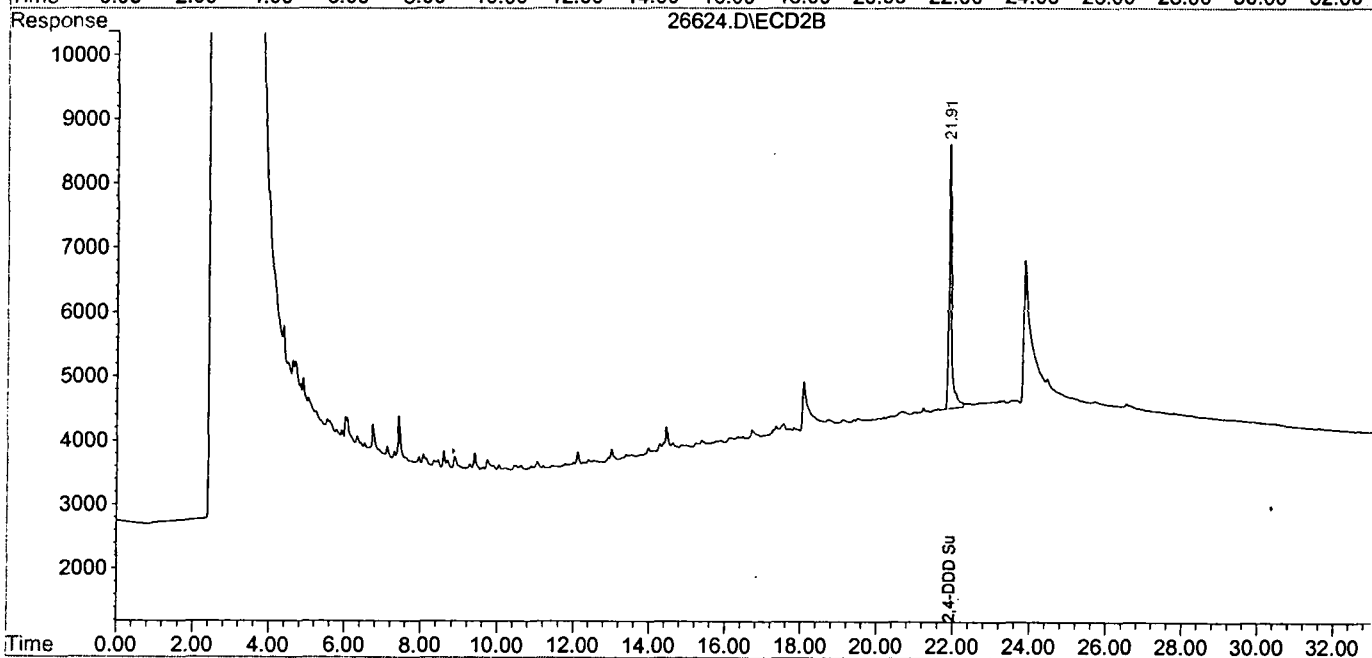
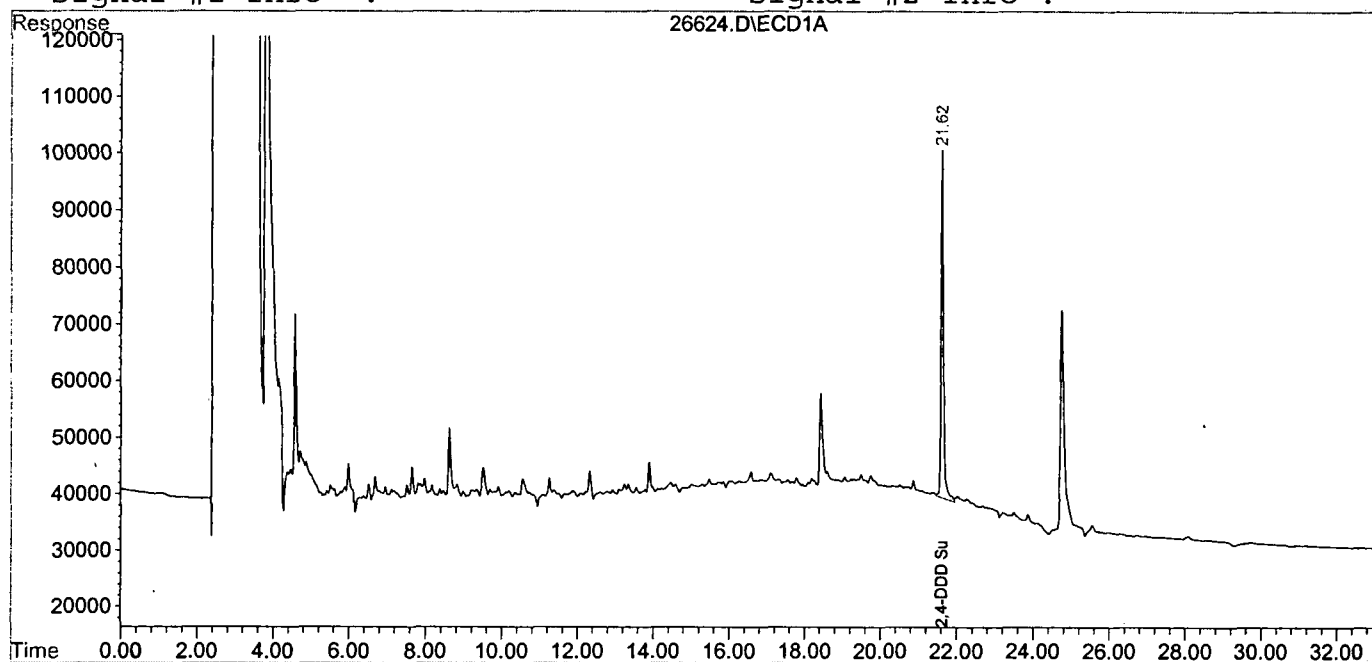
Target Compounds

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 12:11 2001 Quant Results File: 121001T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Fri Dec 07 12:12:37 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508105\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508105\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 12 14:08 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\508105\PCB1242.M (Chemstation Integrator  
Title : Arochlor 1242  
Last Update : Wed Dec 12 14:08:13 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.62 | 21.91 | 2611239  | 186190 | 0.154  | 0.151   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 77.00% | 75.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1242-1                   | 14.22 | 14.61 | 6154     | 1605   | 0.009  | 0.055 # |
| 2) 1242-2                   | 15.48 | 16.09 | 44945    | 633    | 0.031  | 0.006 # |
| 3) 1242-3                   | 16.83 | 16.99 | 6017     | 301    | 0.003  | 0.003   |
| 4) 1242-4                   | 17.46 | 18.95 | 2197     | 225    | 0.004  | 0.007 # |
| 5) 1242-5                   | 18.42 | 20.65 | 840364   | 8035   | 0.487  | 0.233 # |

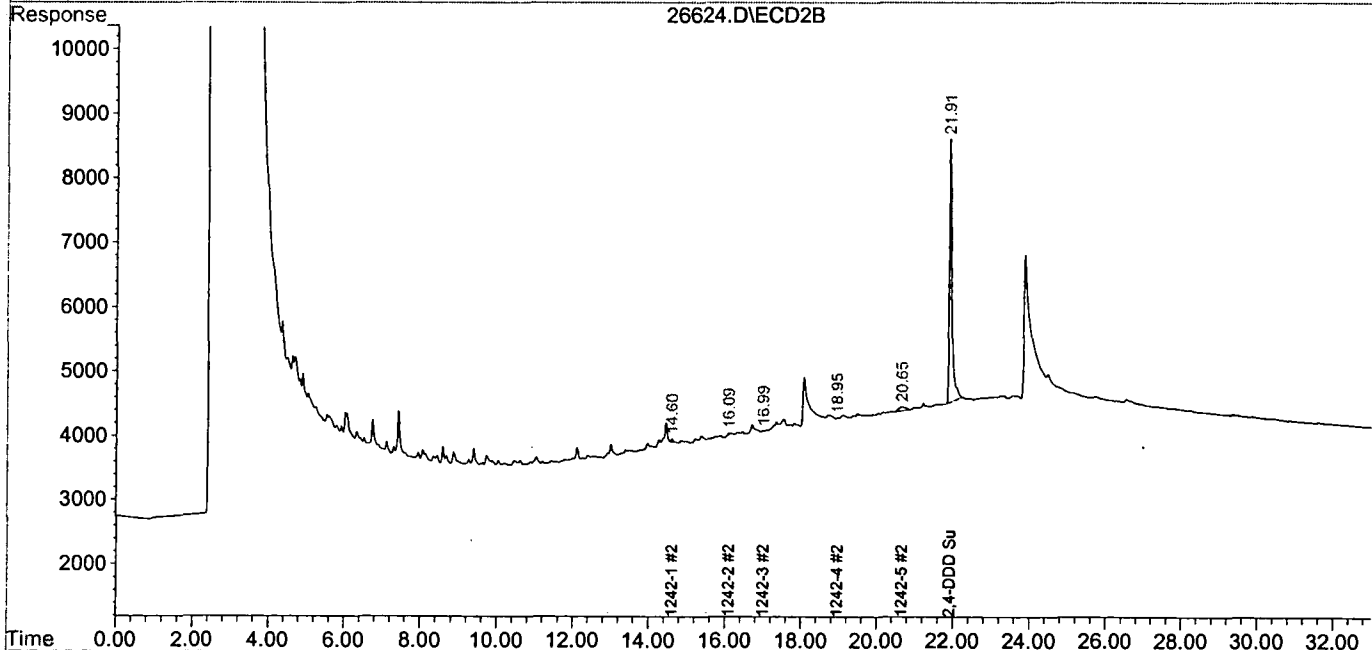
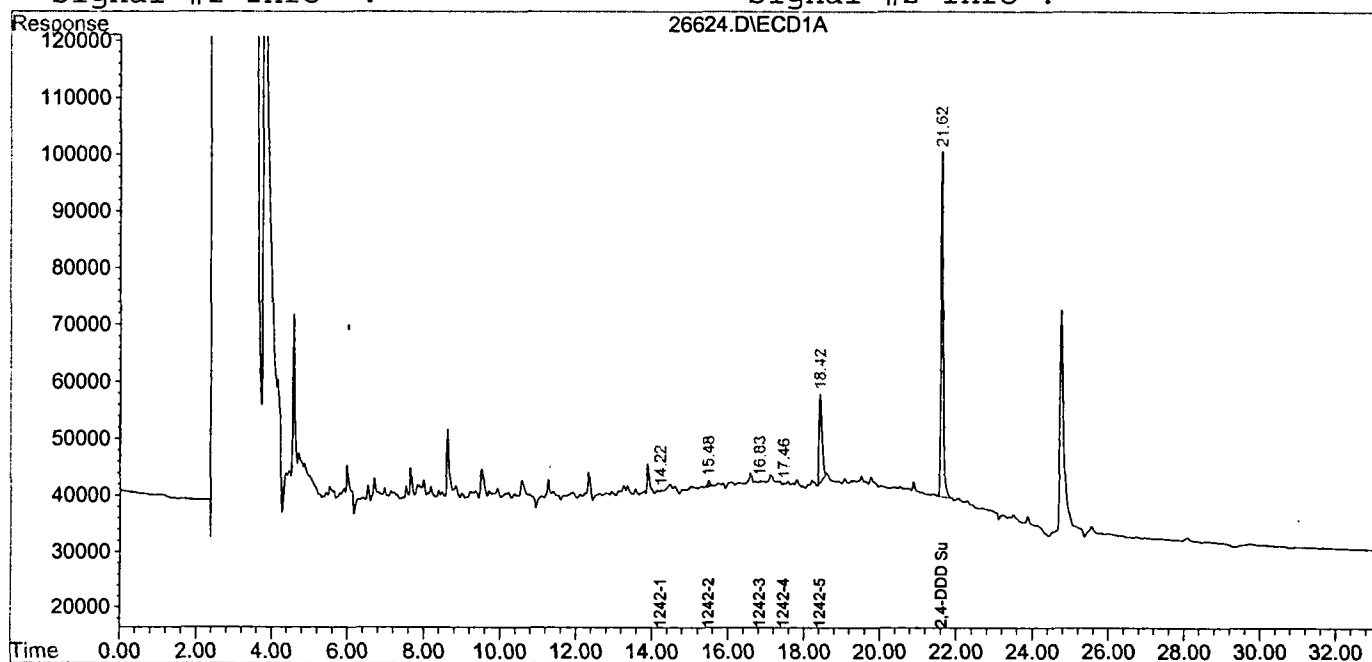
*Not  
Correct ratio  
1:1:1:1:1  
X 0.2 DL*

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508105\113001\26624.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508105\113001\26624.D\ECD2B.CH  
Acq On : 2 Dec 2001 1:25 am Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 12 14:08 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\508105\PCB1242.M (Chemstation Integrator)  
Title : Arochlor 1242  
Last Update : Wed Dec 12 14:08:13 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



• **Comments for Sample AD26624 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-13-2001 Time: 11:27:45

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges.