

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/10/2001 Time: 16:14:47

Sample: AD26208  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 11/2/01 15:59 Ended: 11/30/01 15:59 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       |      | 0.099  |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
 Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
 Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
 Quant Time: Dec 10 14:29 2001 Quant Results File: 121001P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Dec 10 13:26:21 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  | 2345514  | 157328 | 0.095m | 0.099m  |
| Spiked Amount 0.200         |        |        | Recovery | =      | 47.50% | 49.50%  |
| Target Compounds            |        |        |          |        |        |         |
| 1) Propachlor               | 14.30  | 0.00   | 75130    | 0      | 0.025  | N.D. d# |
| 2) g-BHC                    | 16.47  | 16.10f | 10453    | 863    | 0.000  | 0.000 # |
| 3) Heptachlor               | 17.11  | 0.00   | 183155   | 0      | 0.004  | N.D. d# |
| 4) Aldrin                   | 17.89  | 0.00   | 1092     | 0      | 0.000  | N.D. d# |
| 6) 4,4-DDE                  | 20.88  | 21.14  | 12510    | 285    | 0.000  | 0.000 # |
| 7) Dieldrin                 | 0.00   | 21.65f | 0        | 718    | N.D.   | 0.000 # |
| 8) Endrin                   | 22.06f | 22.46  | 265407   | 1563   | 0.010  | 0.001 # |

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

26208.D 121001P.M Mon Dec 10 14:29:12 2001

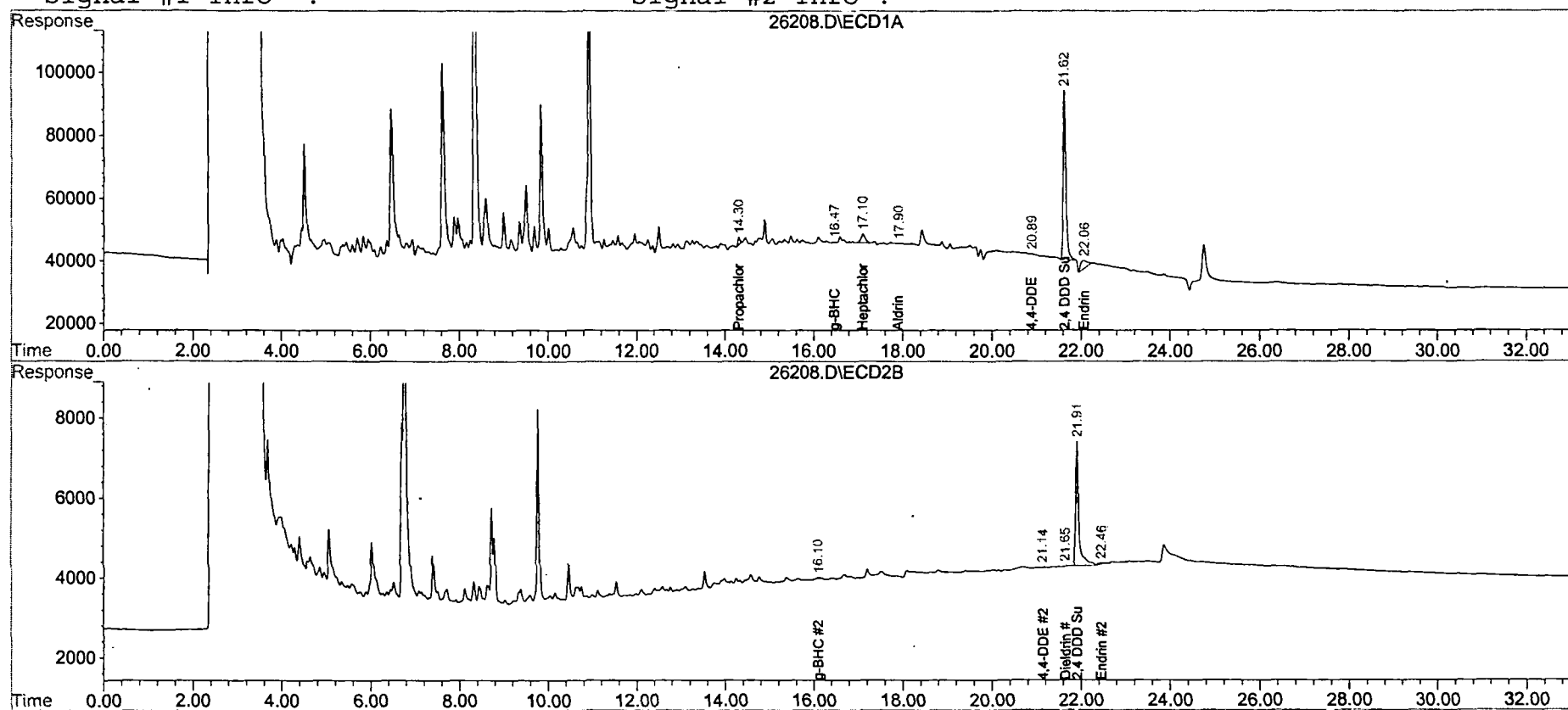
Page 1

## . Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
Quant Time: Dec 10 14:29 2001 Quant Results File: 121001P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\121001P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Dec 10 13:26:21 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\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 14:59 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 | 2304880  | 160842 | 0.095m | 0.108m  |
| Spiked Amount 0.200         |       |       | Recovery | =      | 47.50% | 54.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) Chlordane 1              | 20.02 | 16.68 | 98906    | 3540   | 0.101  | 0.028 # |

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

26208.D 121001C.M Mon Dec 10 14:59:43 2001

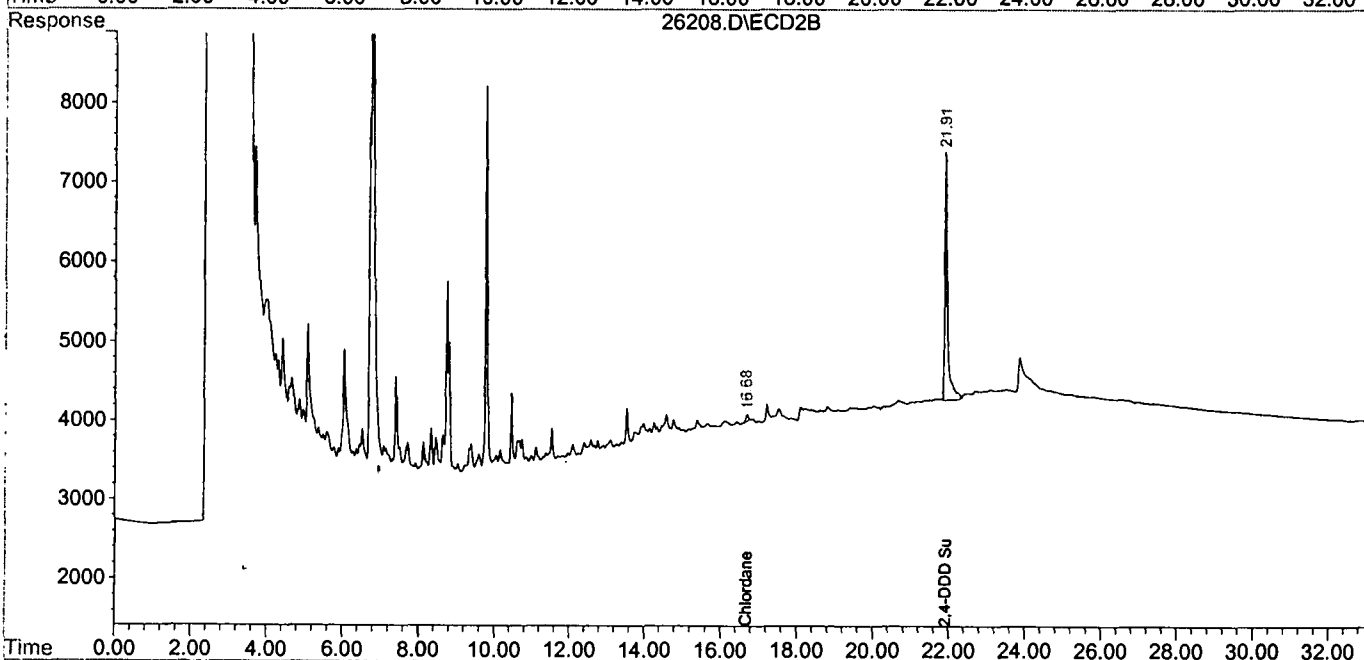
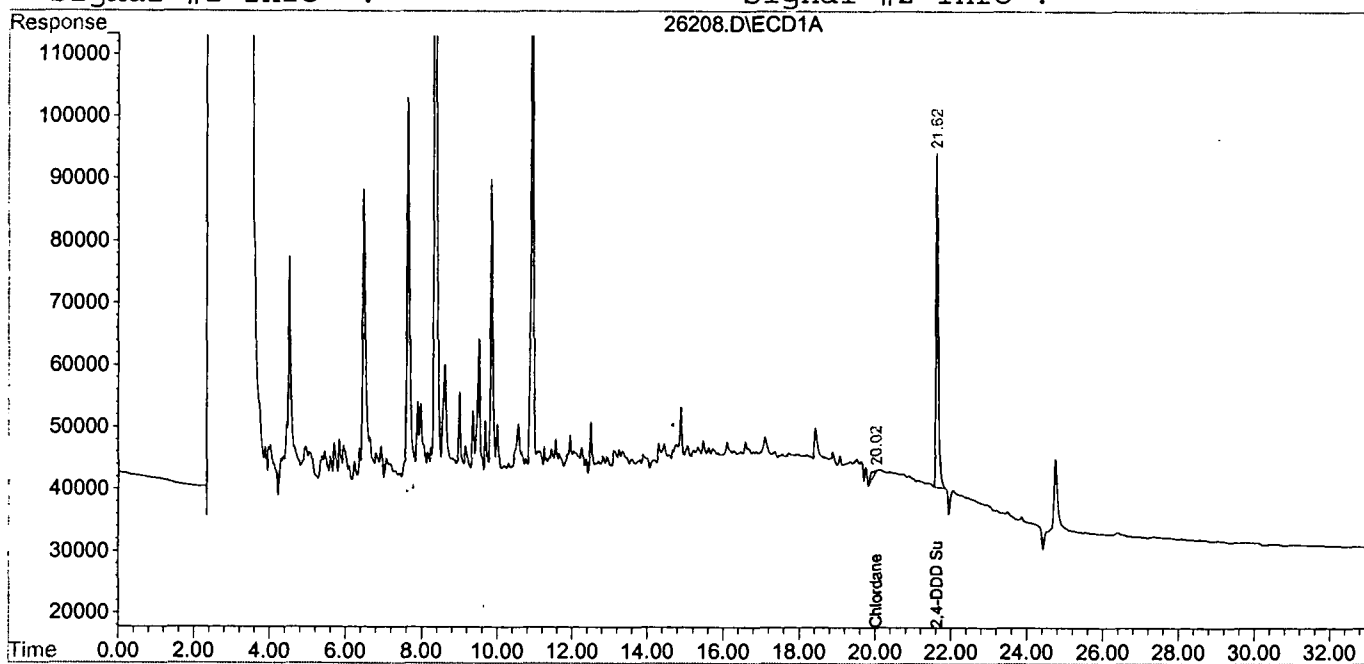
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 14:59 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\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 12:09 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 | 2320217  | 157372 | 0.086m | 0.110 # |
| Spiked Amount | 0.200            |       |       | Recovery | =      | 43.00% | 55.00%  |

## Target Compounds

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

26208.D 121001T.M Mon Dec 10 12:09:53 2001

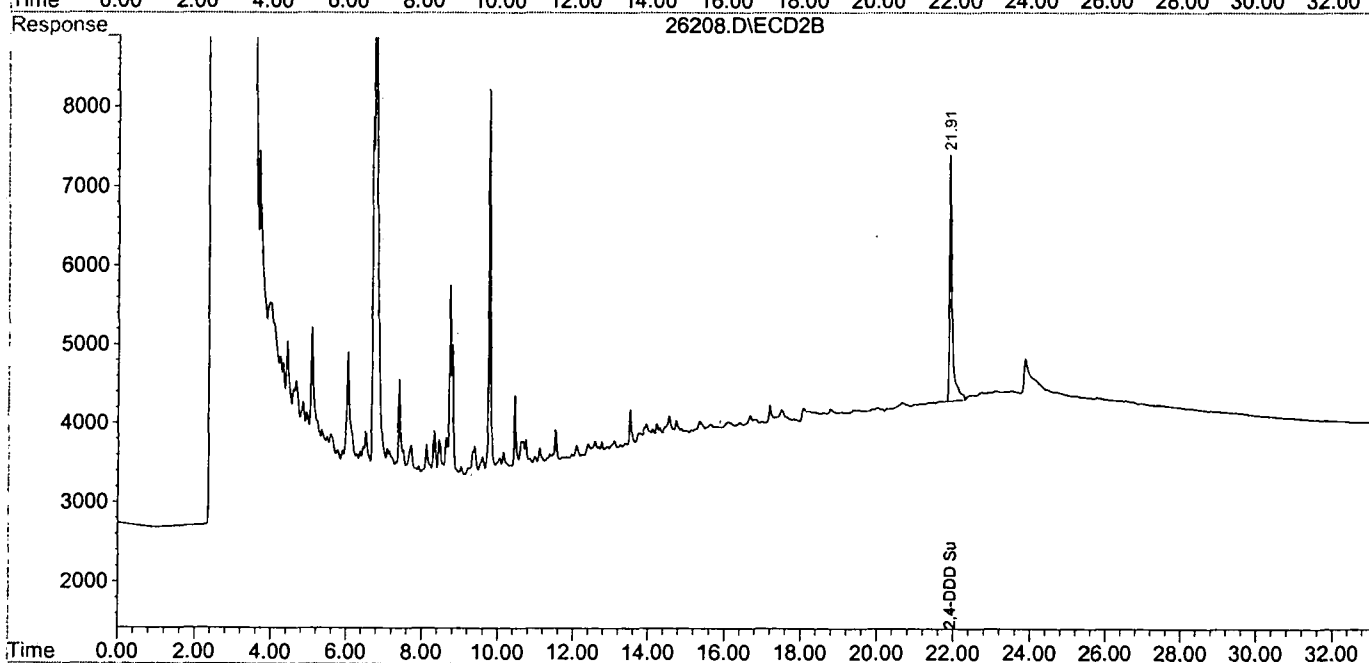
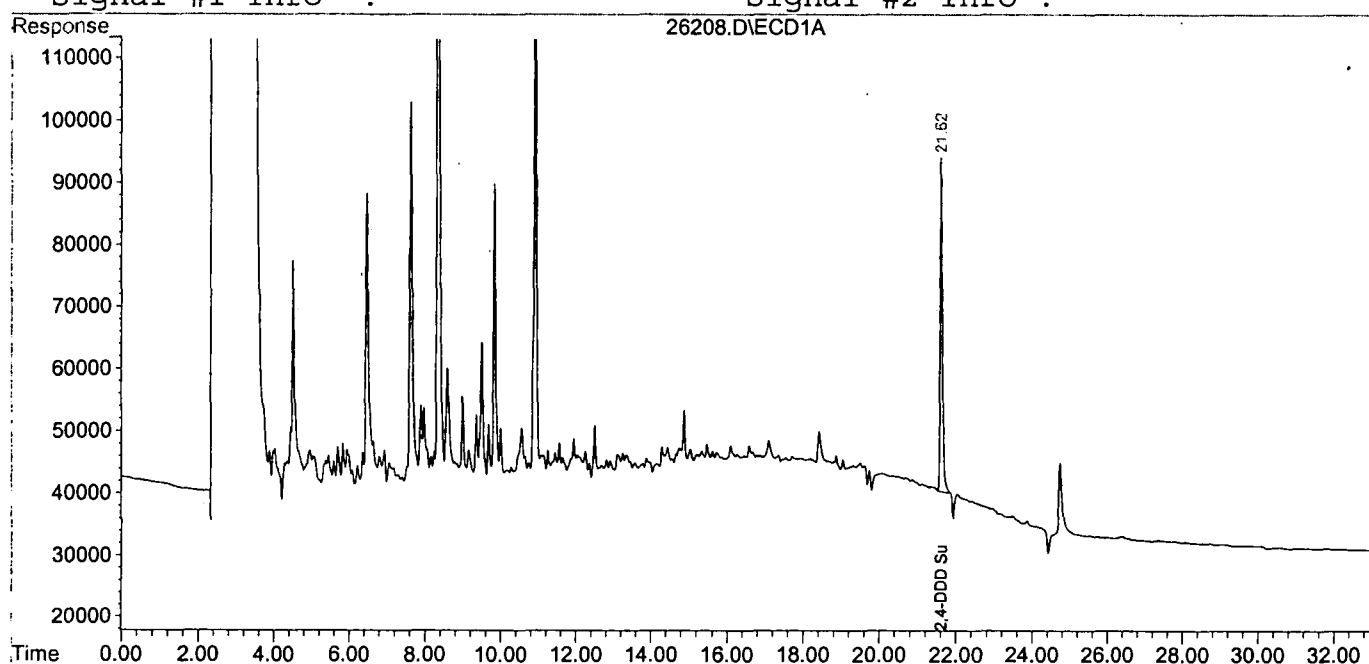
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 12:09 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 :



26208.D 121001T.M Mon Dec 10 12:09:54 2001

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## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
 Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
 Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 10 15:25 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 10 15:19:25 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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.62 | 21.91 | 2335432  | 145466 | 0.095m | 0.094   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 47.50% | 47.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.45 | 14.90 | 70185    | ,569   | 0.063  | 0.008 # |
| 2) 1016-2                   | 15.62 | 0.00  | 29482    | 0      | 0.014  | N.D. d# |
| 3) 1016-3                   | 16.88 | 16.99 | 7413     | 571    | 0.002  | 0.011 # |
| 4) 1016-4                   | 17.56 | 17.51 | 34039    | 8003   | 0.033  | 0.133 # |
| 5) 1016-5                   | 17.89 | 18.08 | 1092     | 3890   | 0.000  | 0.042 # |
| 6) 1016-6                   | 18.68 | 0.00  | 3039     | 0      | 0.003  | N.D. #  |

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 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 26208.D PCB1016.M Mon Dec 10 15:25:29 2001

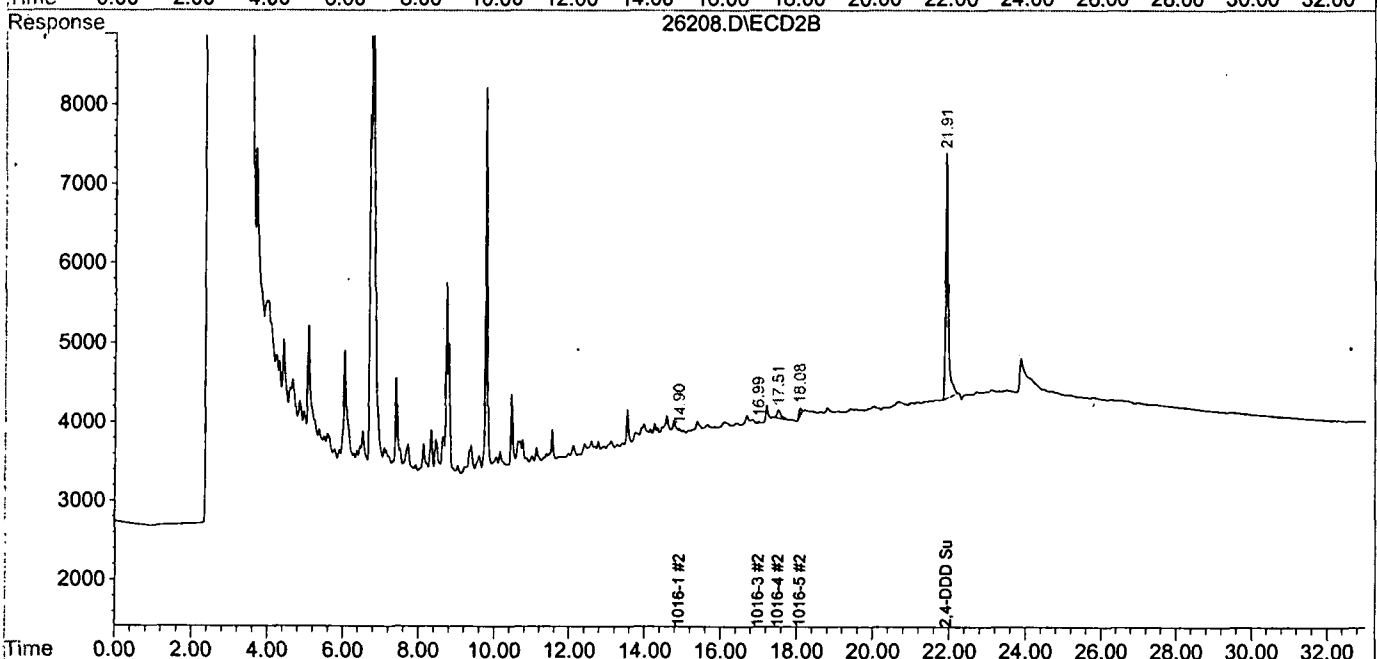
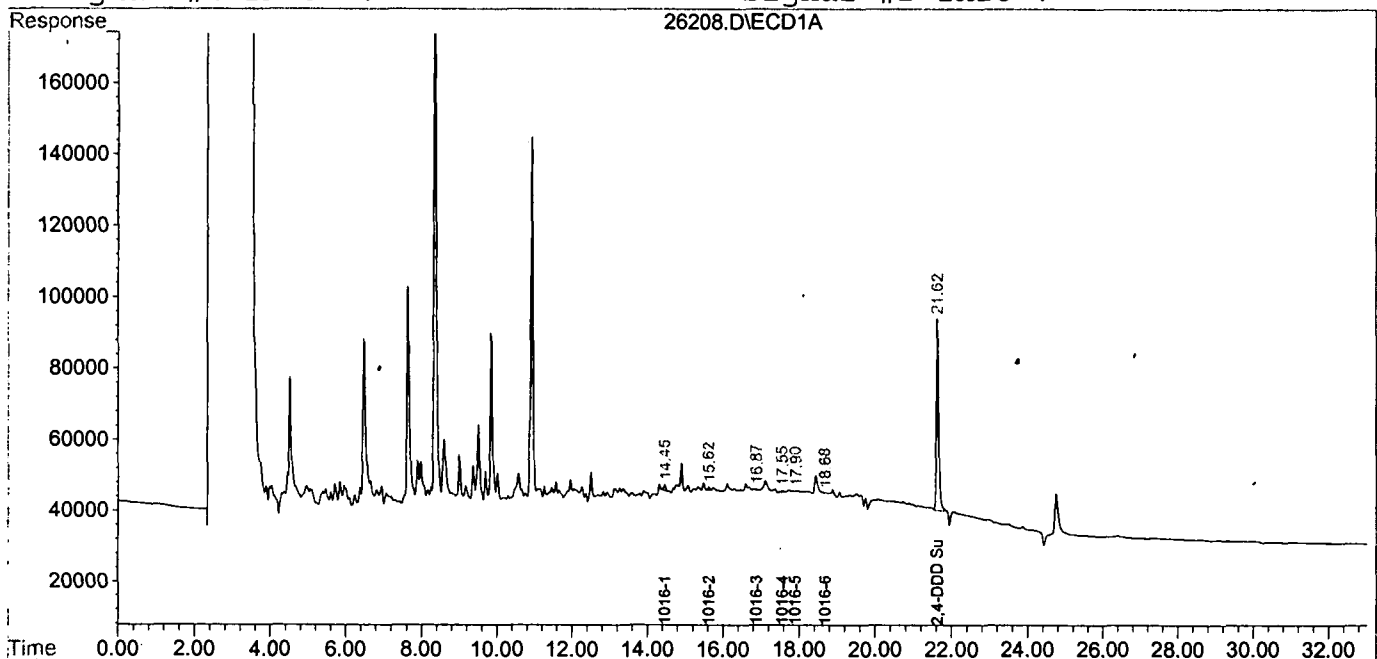
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\113001\26208.D\ECD2B.CH  
Acq On : 1 Dec 2001 9:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 10 15:25 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 10 15:19:25 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 AD26208 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-15-2001 Time: 10:45:11

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range.