

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/11/2001 Time: 14:45:50

Sample: AD26318  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 11/3/01 14:41 Ended: 11/30/01 14:41 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       |      | 0.21   |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD1A.CH Vial: 94  
 Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
 Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 11 11:30 2001 Quant Results File: 011204P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204P.M (Chemstation Integrator  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Sun Oct 21 15:26:52 2001  
 Response via : Initial Calibration  
 DataAcq Meth : 508F2.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      | 36.60  | 33.61 | 885633   | 1076219 | 0.186  | 0.205   |
| Spiked Amount               | 0.200  |       | Recovery | =       | 93.00% | 102.50% |
| Target Compounds            |        |       |          |         |        |         |
| 1) PROPACHLOR               | 16.38  | 15.28 | 6425     | 9116    | 0.008  | 0.010 # |
| 2) g-BHC                    | 22.54  | 20.33 | 24419    | 4876    | 0.003  | 0.000 # |
| 3) HEPTACHLOR               | 25.07  | 21.48 | 829      | 13269   | 0.000  | 0.001 # |
| 4) ALDRIN                   | 27.81  | 23.69 | 11911    | 8441    | 0.001  | 0.001 # |
| 5) HEPTACHLOR EPOXI         | 31.87  | 28.92 | 2713     | 3502    | 0.000  | 0.000   |
| 6) 4,4'-DDE                 | 35.43  | 31.98 | 1839     | 1973    | 0.000  | 0.000   |
| 7) DIELDRIN                 | 35.61  | 32.80 | 4651     | 2782    | 0.001  | 0.000 # |
| 8) ENDRIN                   | 37.28f | 0.00  | 4463     | 0       | 0.001  | N.D. d# |
| 9) METHOXYCHLOR             | 48.21f | 0.00  | 1161     | 0       | 0.001  | N.D. d# |

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

26318.D 011204P.M Tue Dec 11 11:30:08 2001

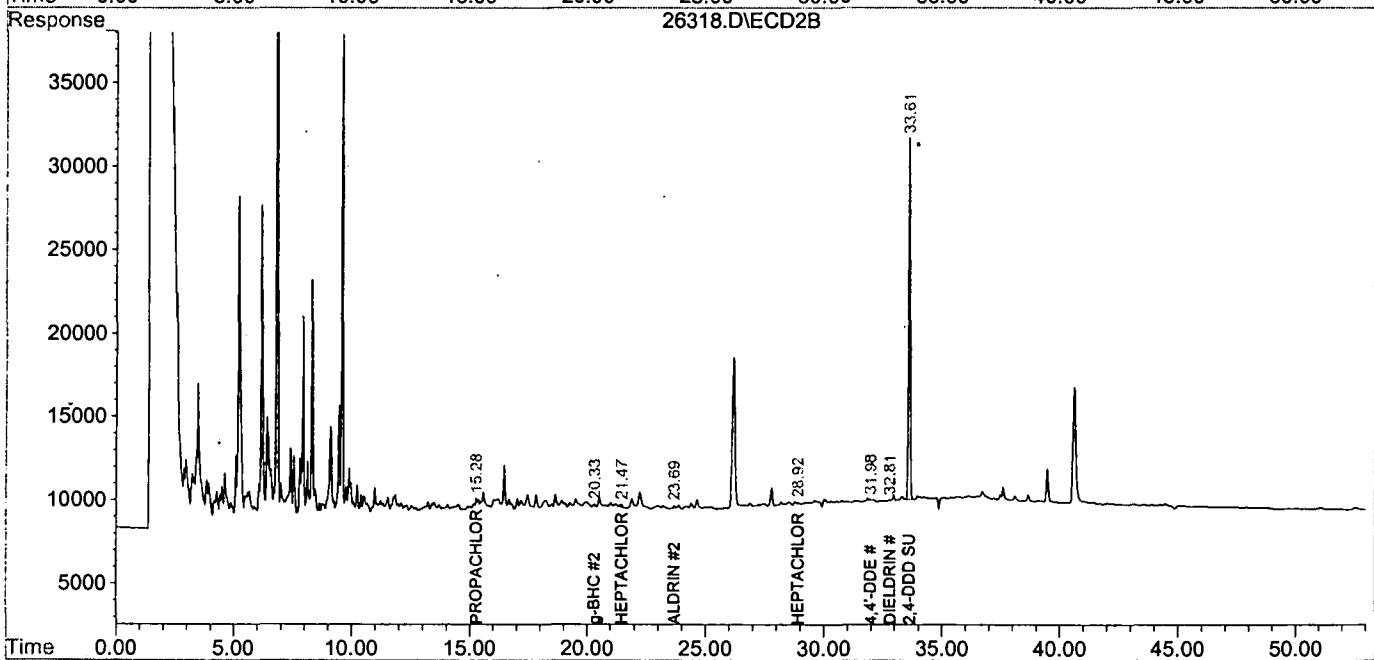
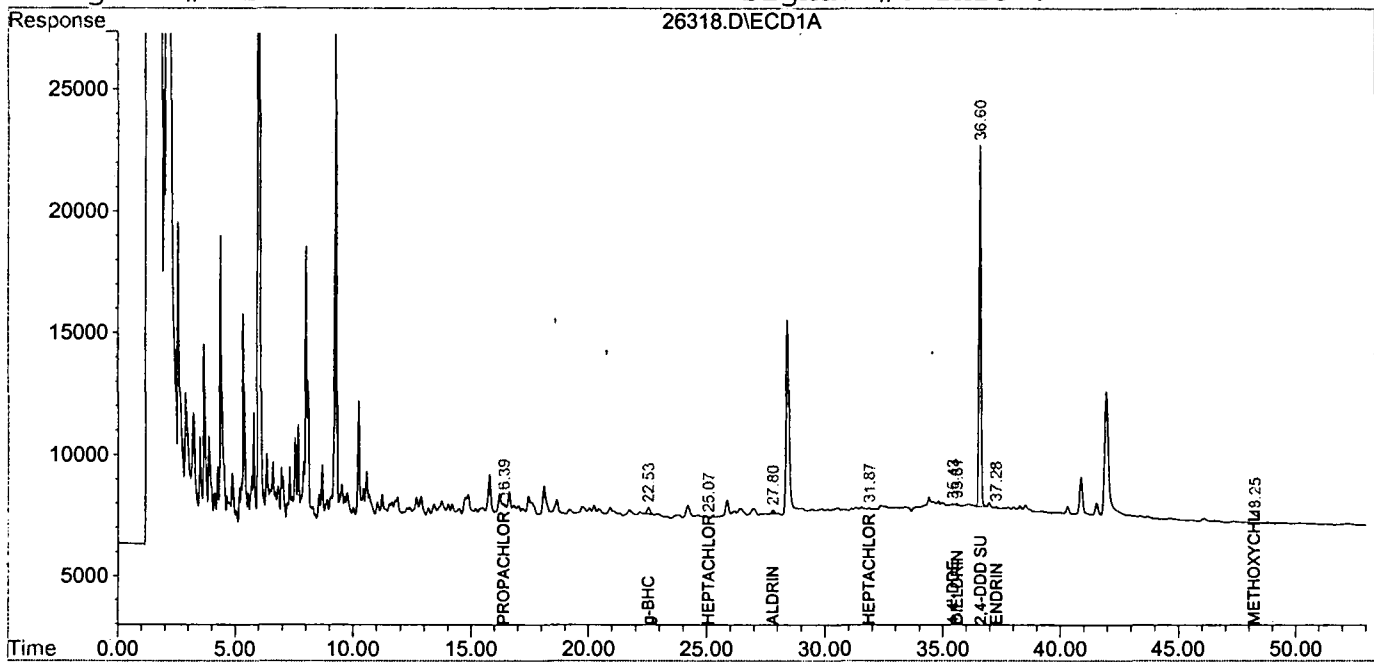
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# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD1A.CH Vial: 94  
 Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
 Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 11 11:30 2001 Quant Results File: 011204P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204P.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Sun Oct 21 15:26:52 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 508F2.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\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 11:38 2001 Quant Results File: 011204C.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204C.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Dec 11 09:14:07 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.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       | 36.60 | 33.61 | 885445   | 1072816 | 0.184m | 0.166  |
| Spiked Amount               | 0.200 |       | Recovery | =       | 92.00% | 83.00% |
| Target Compounds            |       |       |          |         |        |        |
| 3) CHLORDANE PEAK 3         | 0.00  | 35.10 | 0        | 34288   | N.D. d | 0.091  |

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

26318.D 011204C.M Tue Dec 11 11:38:50 2001

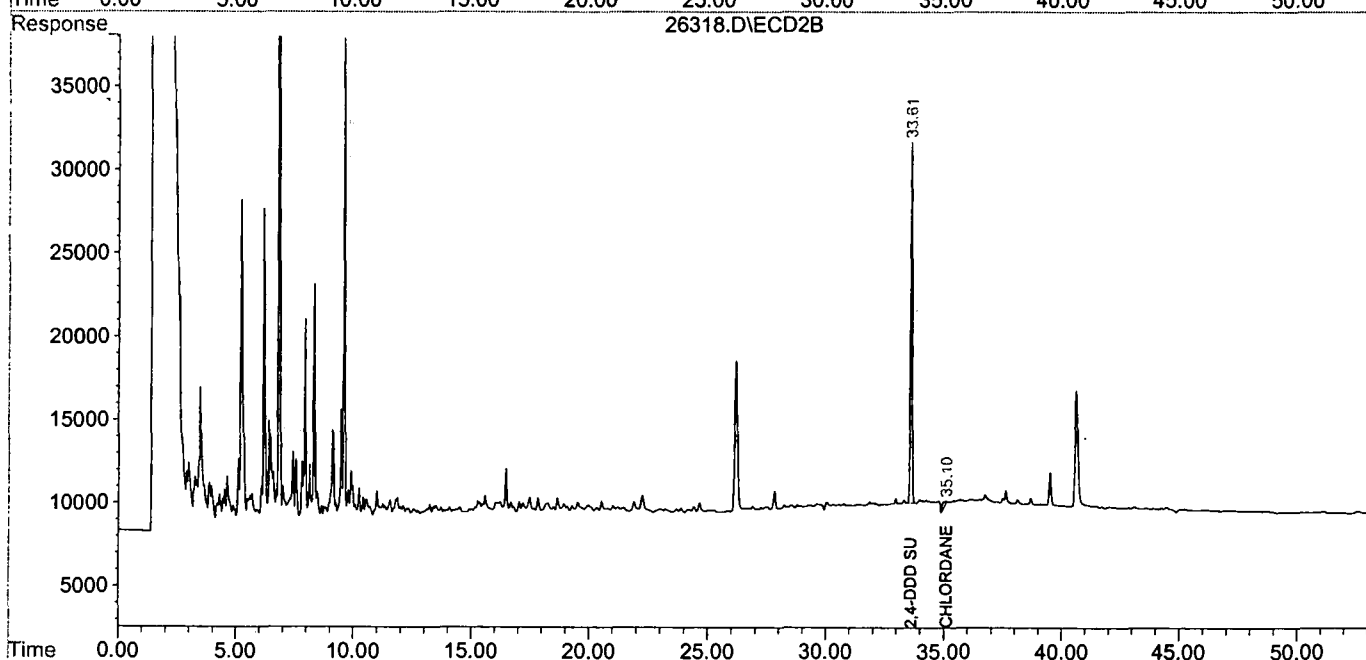
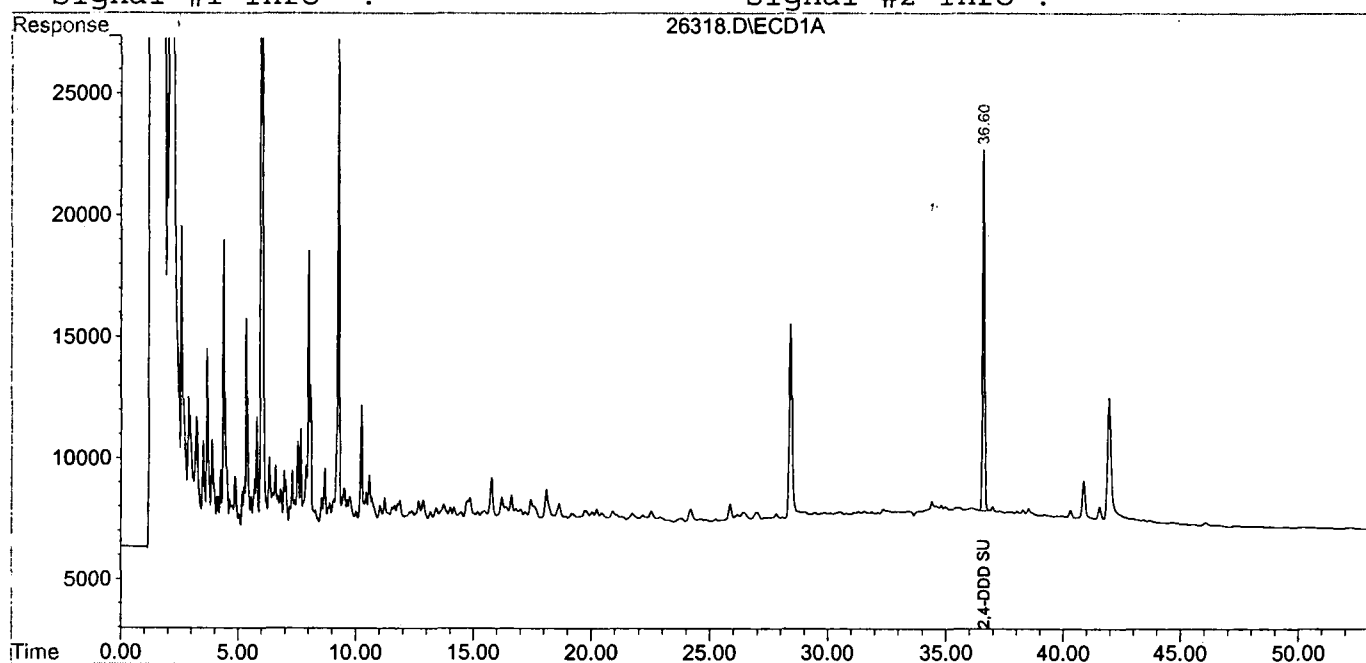
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 11:38 2001 Quant Results File: 011204C.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204C.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Dec 11 09:14:07 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F2.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\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 11:46 2001 Quant Results File: 011204T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Fri Nov 09 16:13:01 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.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       | 36.60  | 33.61  | 885266   | 1076268 | 0.171  | 0.163   |
| Spiked Amount               | 0.200  |        | Recovery | =       | 85.50% | 81.50%  |
| Target Compounds            |        |        |          |         |        |         |
| 1) TOXAPHENE PEAK 1         | 0.00   | 0.00   | 0        | 0       | N.D. d | N.D. d  |
| 2) TOXAPHENE PEAK 2         | 39.23f | 36.11f | 3578     | 3184    | 0.023  | 0.029 # |
| 3) TOXAPHENE PEAK 3         | 40.32  | 38.12  | 22815    | 17288   | 0.185  | 0.239 # |
| 4) TOXAPHENE PEAK 4         | 45.53f | 39.50  | 4706     | 117038  | 0.035  | 1.436 # |
| 5) TOXAPHENE PEAK 5         | 45.53  | 40.35  | 4706     | 2016    | 0.035  | 0.028   |

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

26318.D 011204T.M Tue Dec 11 11:46:16 2001

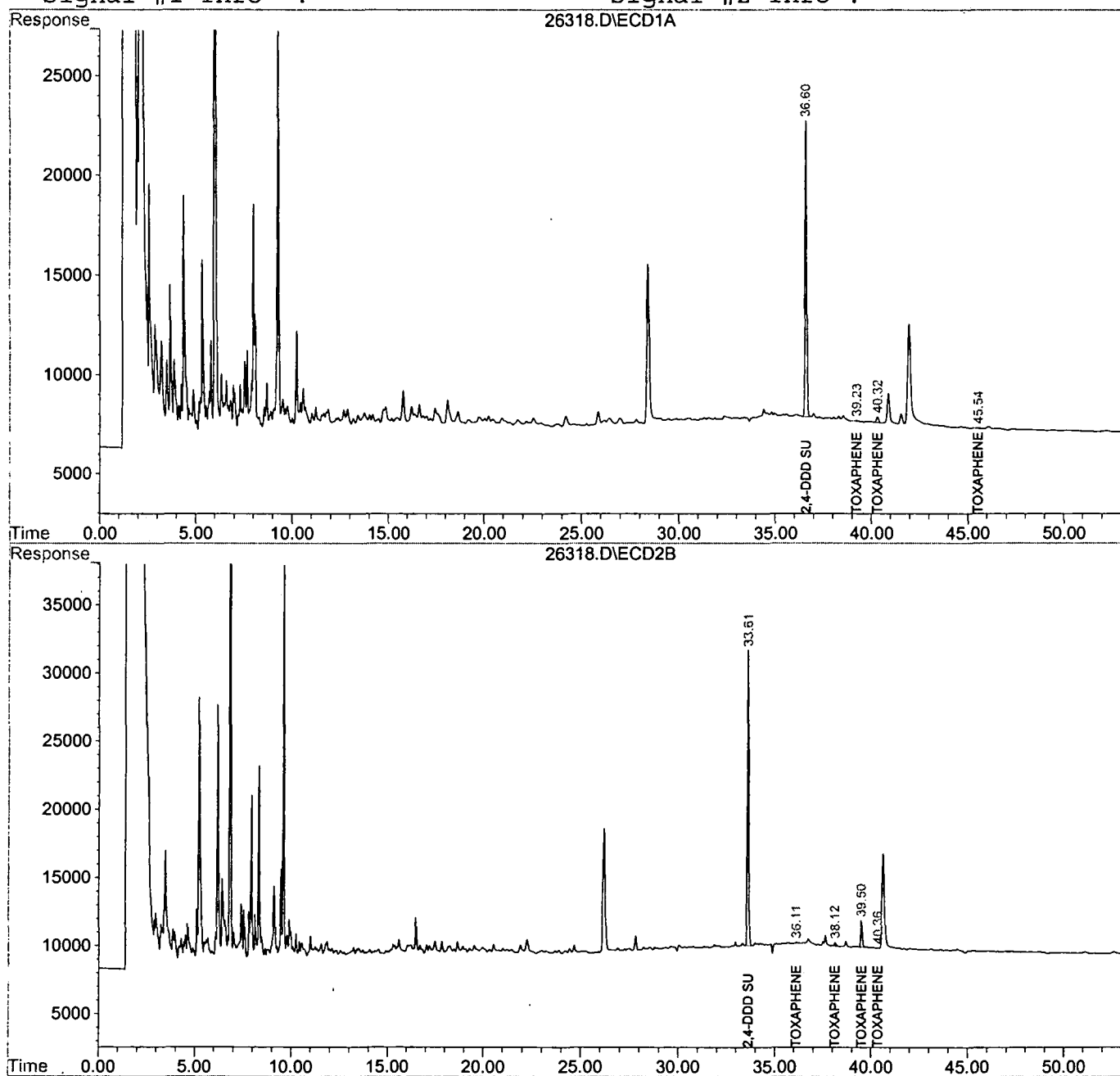
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 11:46 2001 Quant Results File: 011204T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011204T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Fri Nov 09 16:13:01 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F2.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\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 13:41 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1221.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Dec 11 11:53:38 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.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       | 36.60 | 33.61  | 885633   | 1076219 | 0.186   | 0.205   |
| Spiked Amount               | 0.100 |        | Recovery | =       | 186.00% | 205.00% |
| Target Compounds            |       |        |          |         |         |         |
| 1) PEAK 1                   | 0.00  | 13.02  | 0        | 1426    | N.D. d  | 0.046   |
| 2) PEAK 2                   | 17.45 | 13.94  | 23969    | 2314    | 0.171   | 0.018 # |
| 3) PEAK 3                   | 18.65 | 14.92  | 48767    | 5756    | 0.491   | 0.061 # |
| 4) PEAK 4                   | 0.00  | 15.58f | 0        | 30487   | N.D. d  | 0.086   |

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

26318.D PCB1221.M Tue Dec 11 13:41:11 2001

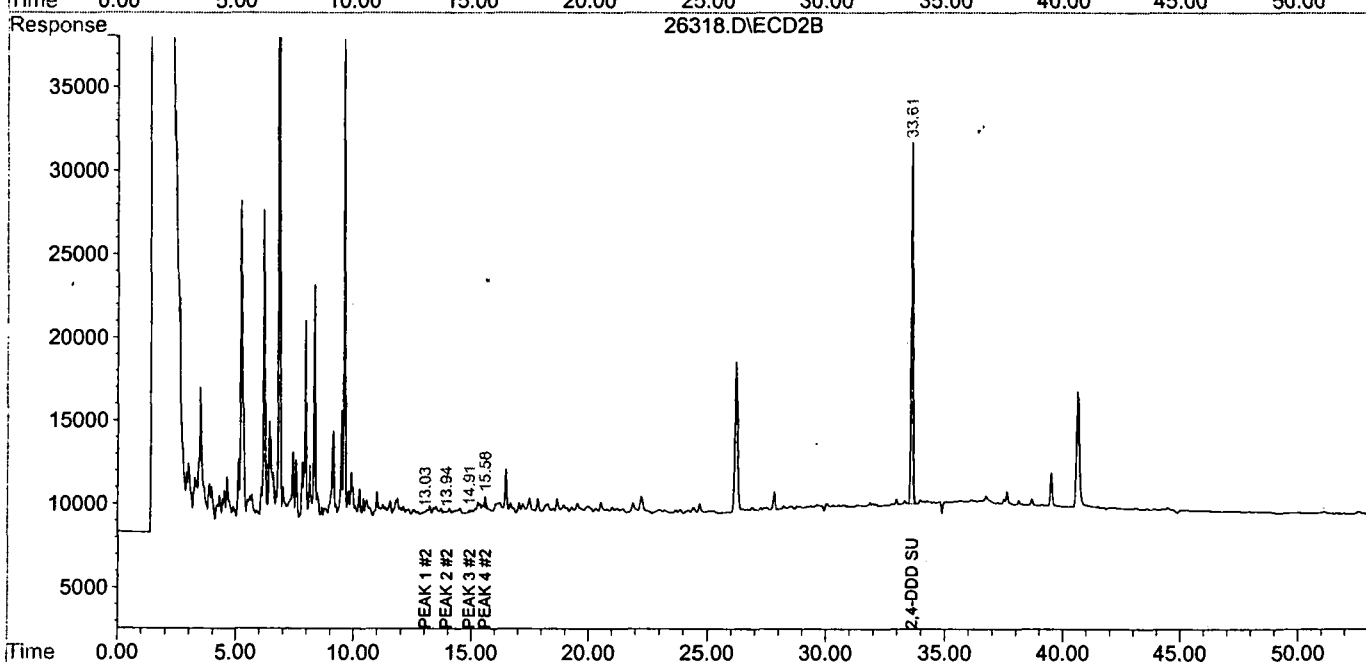
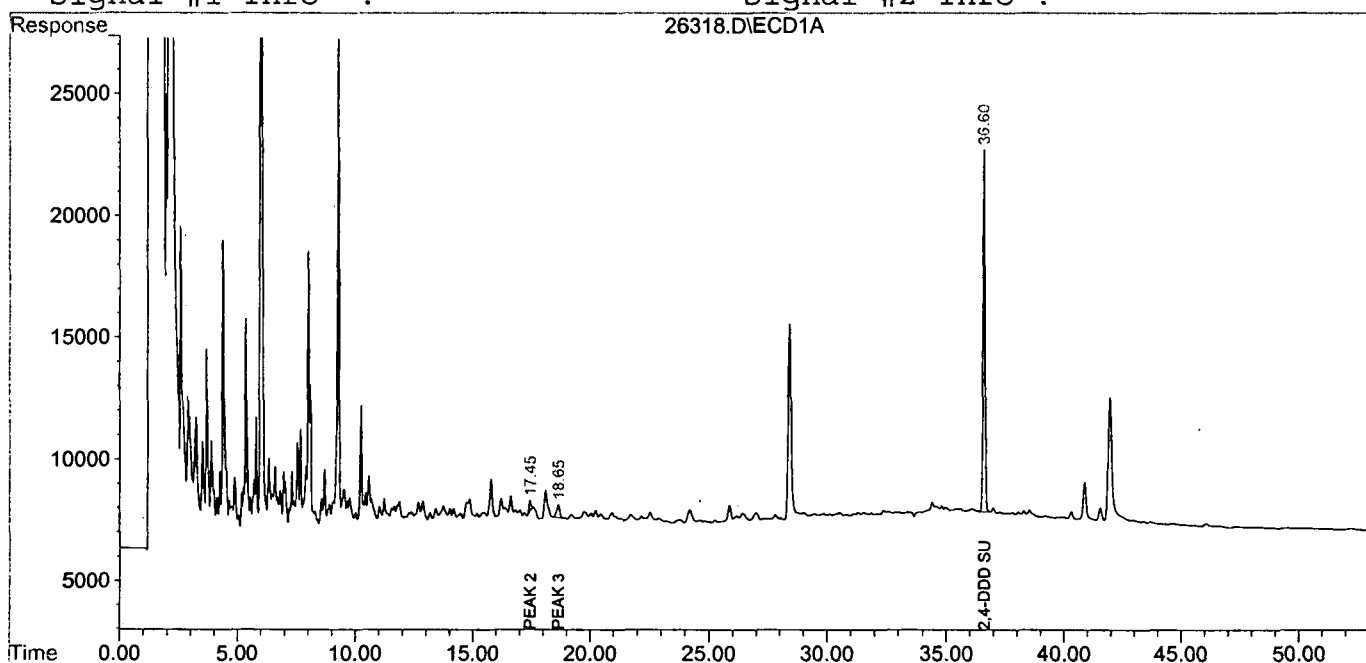
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD1A.CH Vial: 94  
Signal #2 : C:\HPCHEM\1\DATA\508104\011130D\26318.D\ECD2B.CH  
Acq On : 2 Dec 2001 11:39 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 11 13:41 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1221.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Dec 11 11:53:38 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F2.M

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



**Comments for Sample AD26318 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-16-2001 Time: 10:50:17

Recoveries for 3 of the 11 compounds in the LCS Standard are below their acceptance ranges.