

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 10/09/2001 Time: 14:58:03

Sample: AD23123  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 9/21/01 14:29 Ended: 9/30/01 14:29 Analyst: MN  
Result source: manual entry  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | amt   |
|----|--------------------|------|--------|-----------|-------|
| 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       |      | 0.087  |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
 Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 11:18 2001 Quant Results File: 010930P.RES

Quant Method : C:\HPCHEM\1\METHODS\010930P.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Fri Sep 28 14:35:02 2001  
 Response via : Initial Calibration  
 DataAcq Meth : 508F.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      | 37.59 | 34.64 | 397904   | 538281  | 0.087  | 0.095   |
| Spiked Amount 0.100         |       |       | Recovery | =       | 87.00% | 95.00%  |
| Target Compounds            |       |       |          |         |        |         |
| 1) PROPACHLOR               | 0.00  | 16.21 | 0        | 3901    | N.D. d | 0.005   |
| 2) g-BHC                    | 23.79 | 21.34 | 5219     | 1285    | 0.001  | 0.000 # |
| 3) HEPTACHLOR               | 26.42 | 22.90 | 2307     | 697     | 0.000  | 0.000 # |
| 4) ALDRIN                   | 29.17 | 24.84 | 7604     | 1951    | 0.001  | 0.000 # |
| 5) HEPTACHLOR EPOXI         | 32.55 | 29.96 | 3899     | 1785    | 0.000  | 0.000 # |
| 6) 4,4'-DDE                 | 36.07 | 33.04 | 6978     | 1221    | 0.001  | 0.000 # |
| 7) DIELDRIN                 | 36.56 | 33.96 | 4257     | 540     | 0.001  | 0.000 # |
| 8) ENDRIN                   | 38.70 | 0.00  | 1501     | 0       | 0.000  | N.D. d# |
| 9) METHOXYCHLOR             | 0.00  | 42.09 | 0        | 2475566 | N.D.   | 1.028 # |

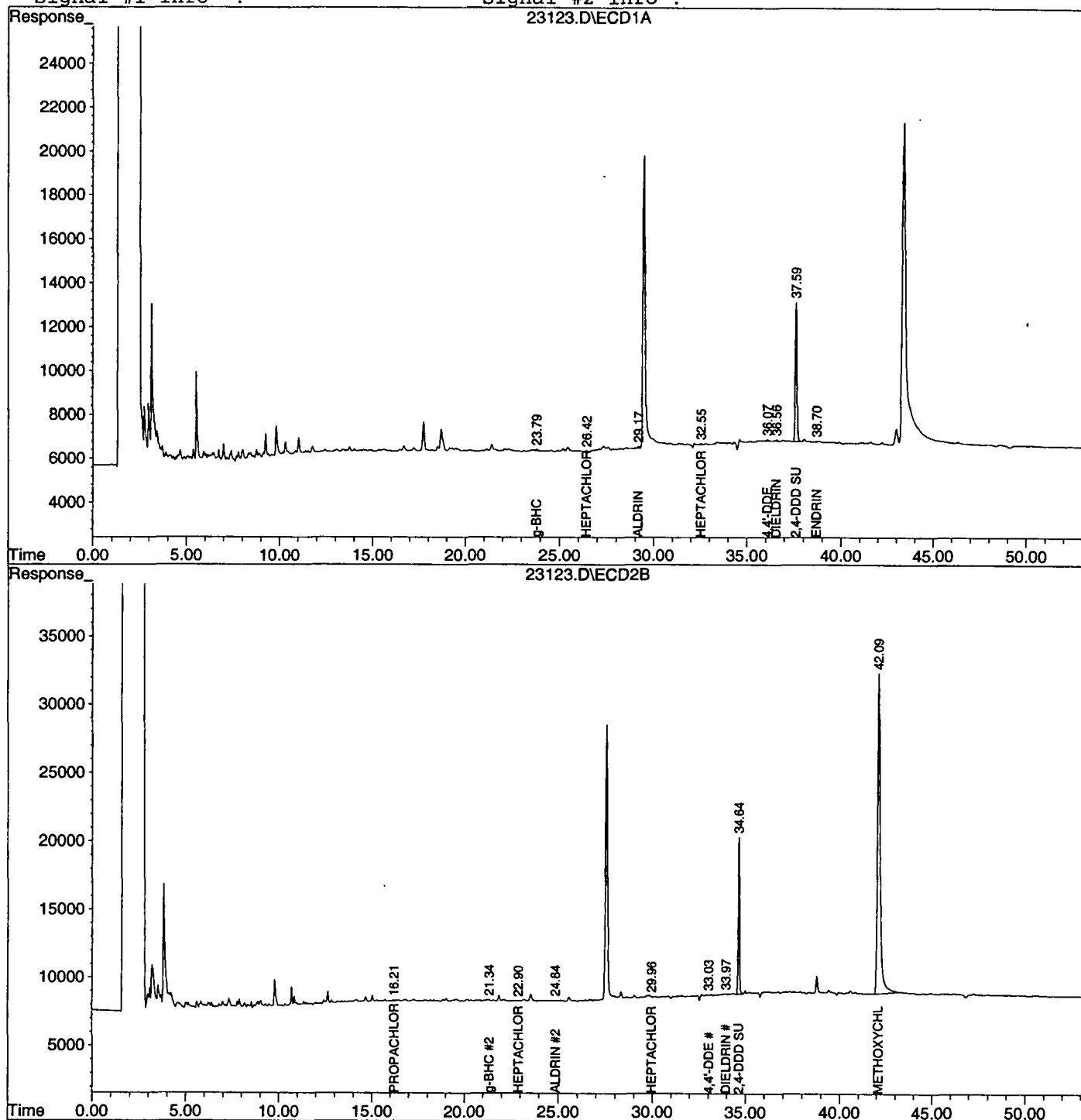
-----  
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 23123.D 010930P.M Tue Oct 09 11:18:56 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:18 2001 Quant Results File: 010930P.RES

Quant Method : C:\HPCHEM\1\METHODS\010930P.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 9/6/00  
Last Update : Fri Sep 28 14:35:02 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.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\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:30 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Sun Sep 30 10:30:23 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

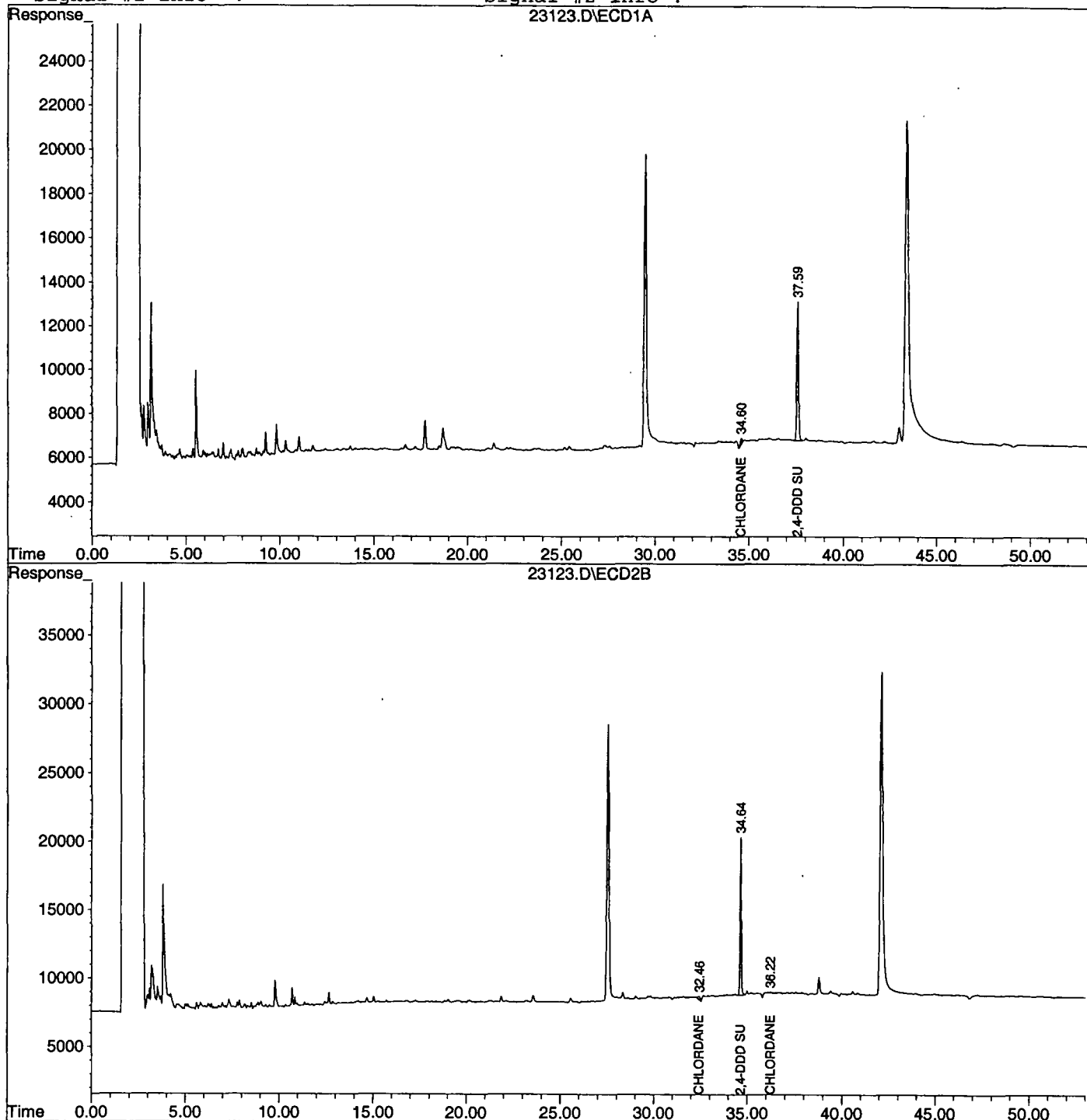
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|-------|-------|----------|--------|--------|---------|
| -----                       |       |       |          |        |        |         |
| System Monitoring Compounds |       |       |          |        |        |         |
| 4) s 2,4-DDD SURROGAT       | 37.59 | 34.64 | 399679   | 538463 | 0.088m | 0.095   |
| Spiked Amount 0.100         |       |       | Recovery | =      | 88.00% | 95.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 2) CHLORDANE PEAK 2         | 0.00  | 32.42 | 0        | 17905  | N.D.   | 0.013 # |
| 3) CHLORDANE PEAK 3         | 34.60 | 36.22 | 17096    | 2921   | 0.024  | 0.009 # |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:30 2001 Quant Results File: 010828C.RES

Quant Method : C:\HPCHEM\1\METHODS\010828C.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Sun Sep 30 10:30:23 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.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\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 11:44 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Fri Sep 28 15:07:47 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

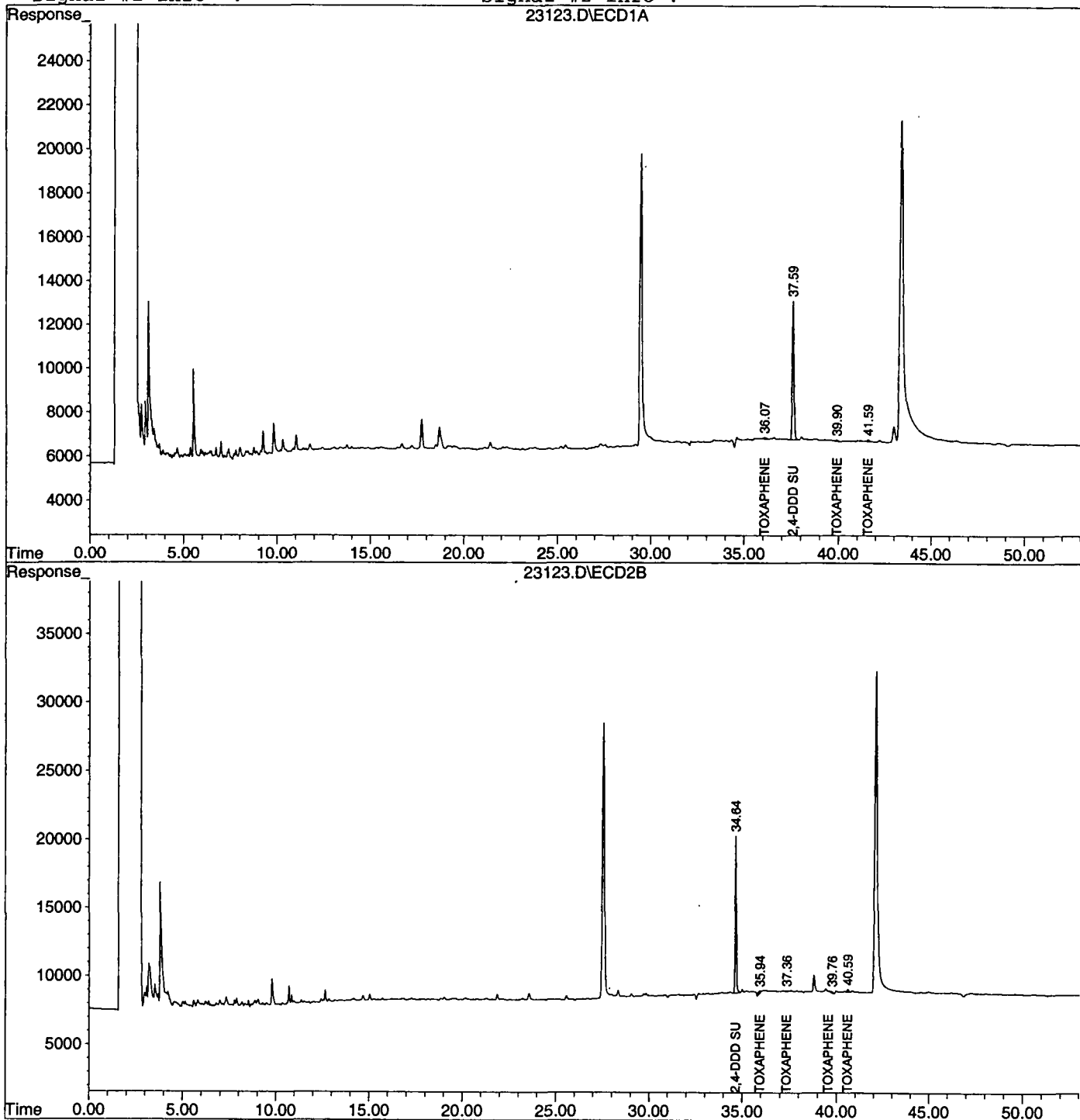
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/l   | ug/l    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| -----                       |        |       |          |        |        |         |
| System Monitoring Compounds |        |       |          |        |        |         |
| 6) S 2,4-DDD SURROGAT       | 37.59  | 34.64 | 398095   | 538315 | 0.093  | 0.095   |
| Spiked Amount               | 0.100  |       | Recovery | =      | 93.00% | 95.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 36.07f | 35.94 | 7045     | 12921  | 0.204  | 0.390 # |
| 2) TOXAPHENE PEAK 2         | 39.90  | 37.36 | 6473     | 4240   | 0.102  | 0.040 # |
| 3) TOXAPHENE PEAK 3         | 41.59  | 39.56 | 7051     | 10281  | 0.082  | 0.142 # |
| 4) TOXAPHENE PEAK 4         | 0.00   | 40.59 | 0        | 11367  | N.D.   | 0.141 # |
| 5) TOXAPHENE PEAK 5         | 0.00   | 0.00  | 0        | 0      | N.D.   | N.D. d  |

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
 Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 11:44 2001 Quant Results File: 010930T.RES

Quant Method : C:\HPCHEM\1\METHODS\010930T.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
 Last Update : Fri Sep 28 15:07:47 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 508F.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\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 13:13 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Sun Sep 30 10:54:14 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

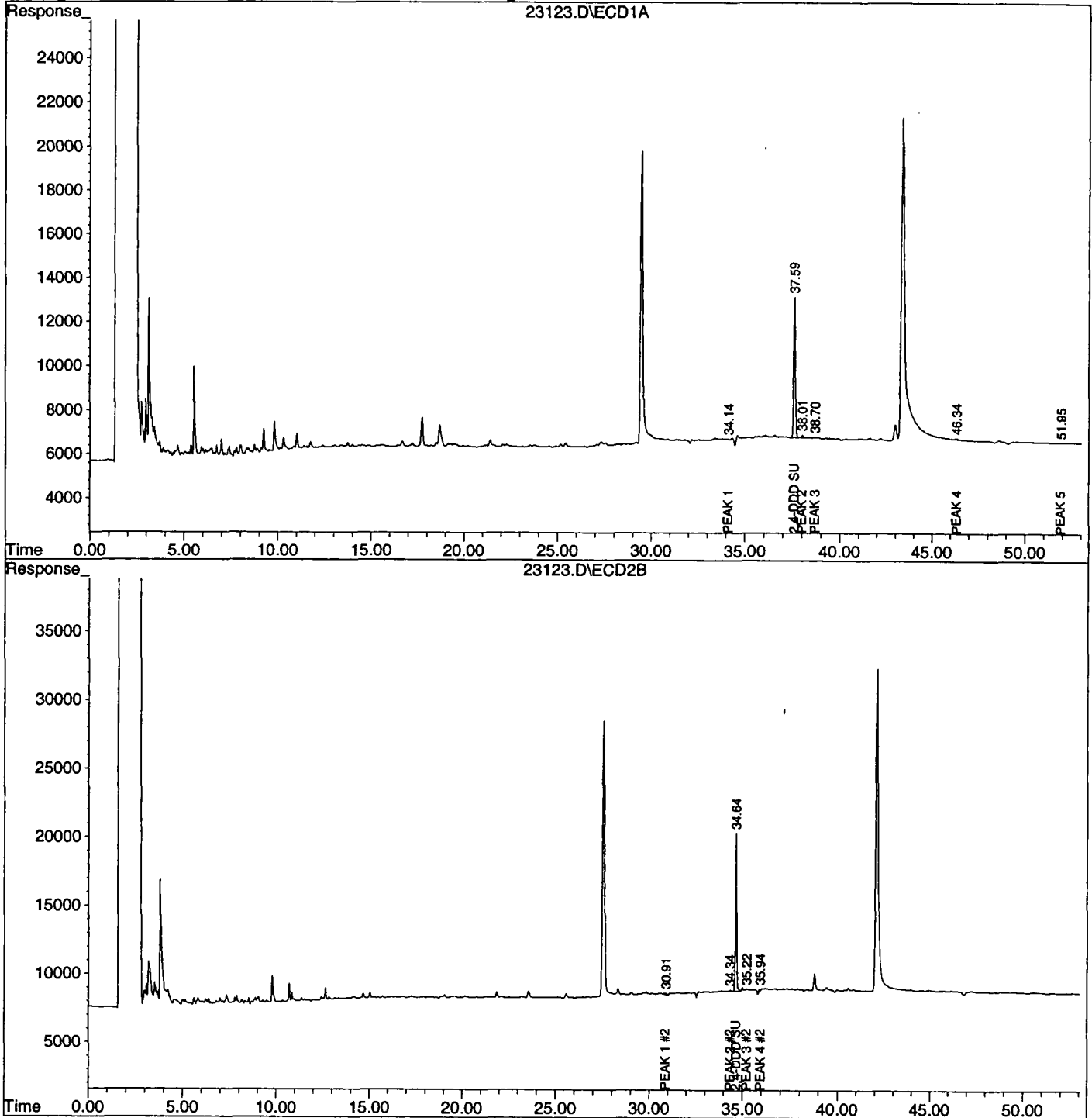
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| -----                       |        |       |          |        |        |         |
| System Monitoring Compounds |        |       |          |        |        |         |
| 6) s 2,4-DDD SURROGAT       | 37.59  | 34.64 | 397904   | 538281 | 0.087  | 0.095   |
| Spiked Amount               | 0.100  |       | Recovery | =      | 87.00% | 95.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) PEAK 1                   | 34.13  | 30.86 | 819      | 11242  | 0.003  | 0.038 # |
| 2) PEAK 2                   | 38.01  | 34.34 | 8197     | 8495   | 0.012  | 0.013   |
| 3) PEAK 3                   | 38.70  | 35.22 | 1501     | 1333   | 0.002  | 0.002   |
| 4) PEAK 4                   | 46.34  | 35.94 | 6268     | 13059  | 0.006  | 0.053 # |
| 5) PEAK 5                   | 51.90f | 0.00  | 516      | 0      | 0.001  | N.D. #  |

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
 Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 13:13 2001 Quant Results File: PCB1260.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1260.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 4/23/99  
 Last Update : Sun Sep 30 10:54:14 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 508F.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\508F\010930\23123.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Oct 9 13:47 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Oct 09 13:17:58 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

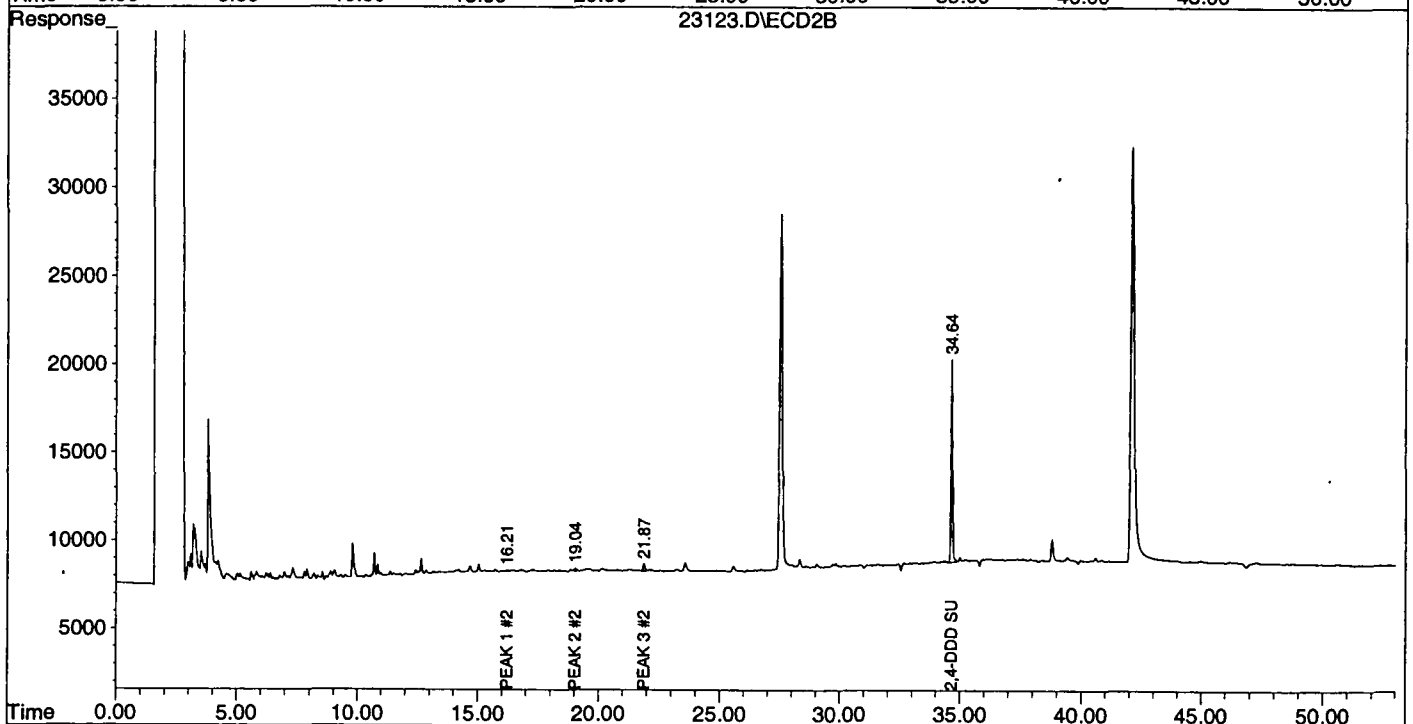
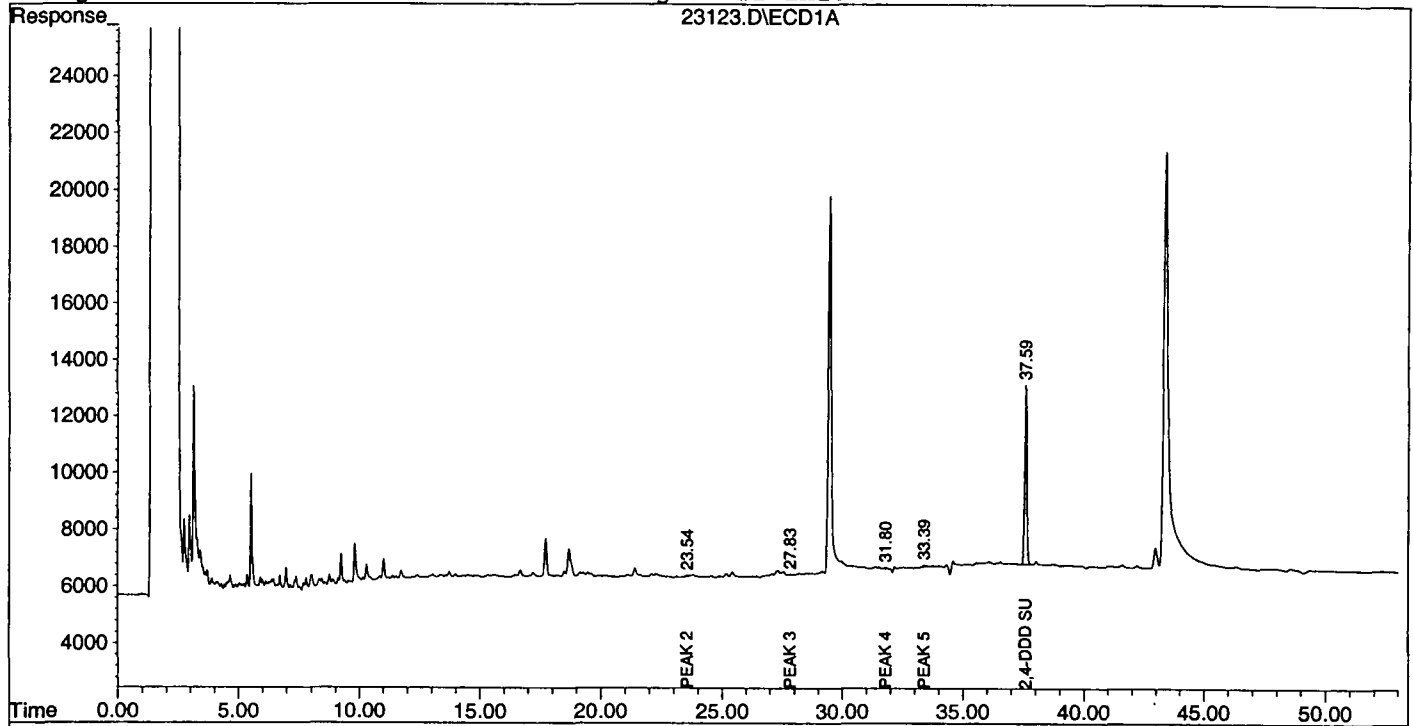
| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|--------|----------|--------|--------|---------|
| -----                       |        |        |          |        |        |         |
| System Monitoring Compounds |        |        |          |        |        |         |
| 6) s 2,4-DDD SURROGAT       | 37.59  | 34.64  | 398095   | 538281 | 0.087  | 0.095   |
| Spiked Amount               | 0.200  |        | Recovery | =      | 43.50% | 47.50%  |
| Target Compounds            |        |        |          |        |        |         |
| 1) PEAK 1                   | 0.00   | 16.21  | 0        | 3946   | N.D.   | 0.016 # |
| 2) PEAK 2                   | 23.55  | 19.04  | 2883     | 9319   | 0.006  | 0.019 # |
| 3) PEAK 3                   | 27.84  | 21.87f | 1658     | 20308  | 0.005  | 0.022 # |
| 4) PEAK 4                   | 31.80f | 0.00   | 4030     | 0      | 0.016  | N.D. #  |
| 5) PEAK 5                   | 33.39  | 0.00   | 4460     | 0      | 0.059  | N.D. #  |

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\23123.D\ECD2B.CH  
 Acq On : 2 Oct 2001 3:34 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Oct 9 13:47 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1016.M (Chemstation Integrator)  
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
 Last Update : Tue Oct 09 13:17:58 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 508F.M

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



**Comments for Sample AD23123 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-15-2001 Time: 09:46:34

The recovery for Aldrin in the MDL Standard was below its acceptance range.