

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 09/27/2001 Time: 11:37:32

Sample: AD22551  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 9/18/01 11:34 Ended: 9/24/01 11:34 Analyst: MN  
Result source: manual entry  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | < MDL  |           | 0.040 |
| 2  | Undane             |      | < 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       |      | 0.17   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 13:54 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 9/6/00  
Last Update : Fri Sep 21 08:05:39 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      | 37.75 | 34.68 | 663819   | 878581 | 0.173  | 0.147   |
| Spiked Amount 0.200         |       |       | Recovery | =      | 86.50% | 73.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) PROPACHLOR               | 17.60 | 16.38 | 1301     | 4675   | 0.002  | 0.005 # |
| 2) g-BHC                    | 23.99 | 21.35 | 6120     | 5724   | 0.001  | 0.001 # |
| 3) HEPTACHLOR               | 26.50 | 22.82 | 1497     | 5487   | 0.000  | 0.001 # |
| 4) ALDRIN                   | 29.18 | 25.12 | 1578     | 4986   | 0.000  | 0.000 # |
| 5) HEPTACHLOR EPOXI         | 32.96 | 30.00 | 1258     | 2783   | 0.000  | 0.000 # |
| 6) 4,4'-DDE                 | 36.27 | 33.08 | 1412     | 2948   | 0.000  | 0.000 # |
| 7) DIELDRIN                 | 36.71 | 33.55 | 7267     | 1413   | 0.001  | 0.000 # |
| 8) ENDRIN                   | 38.84 | 0.00  | 649      | 0      | 0.000  | N.D. d# |
| 9) METHOXYCHLOR             | 0.00  | 42.15 | 0        | 360719 | N.D.   | 0.159 # |

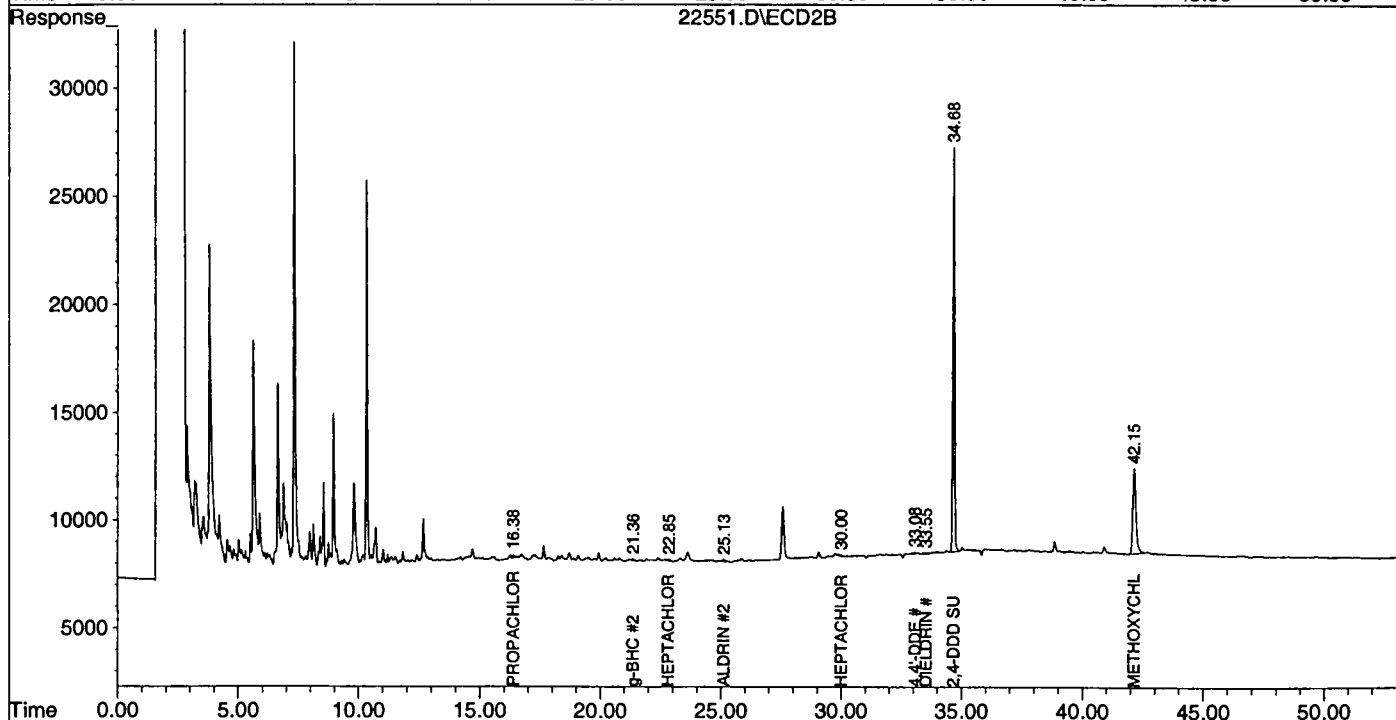
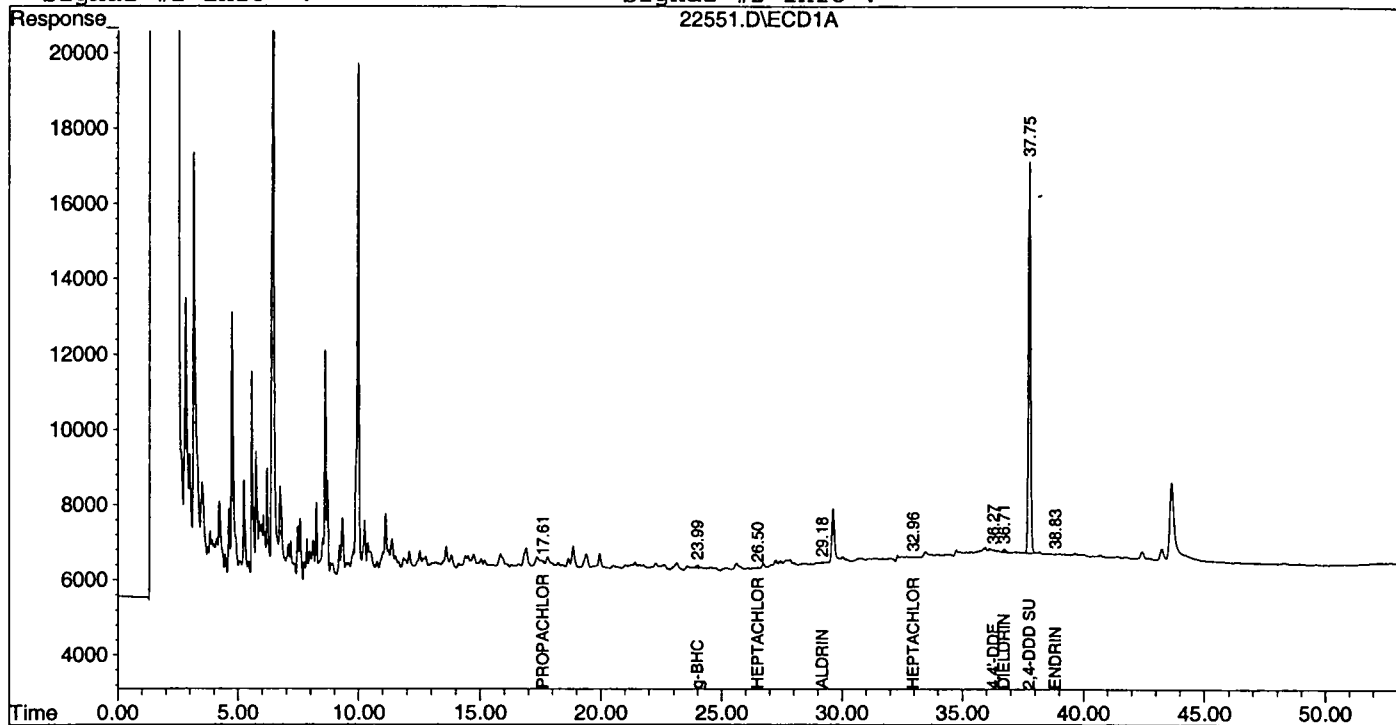
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
22551.D 010923P.M Wed Sep 26 13:55:03 2001

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
 Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
 Sample : Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 26 13:54 2001 Quant Results File: 010923P.RES

Quant Method : C:\HPCHEM\1\METHODS\010923P.M (Chemstation Integrator)  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Fri Sep 21 08:05:39 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\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:18 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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       | 37.75 | 34.68  | 663261   | 878670 | 0.170  | 0.141   |
| Spiked Amount               | 0.200 |        | Recovery | =      | 85.00% | 70.50%  |
| Target Compounds            |       |        |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 35.93 | 0.00   | 7158     | 0      | 0.223  | N.D. #  |
| 2) TOXAPHENE PEAK 2         | 0.00  | 37.18f | 0        | 3080   | N.D.   | 0.027 # |
| 3) TOXAPHENE PEAK 3         | 0.00  | 39.46  | 0        | 2186   | N.D.   | 0.028 # |
| 4) TOXAPHENE PEAK 4         | 0.00  | 40.90  | 0        | 20122  | N.D.   | 0.223 # |
| 5) TOXAPHENE PEAK 5         | 0.00  | 0.00   | 0        | 0      | N.D.   | N.D. d  |

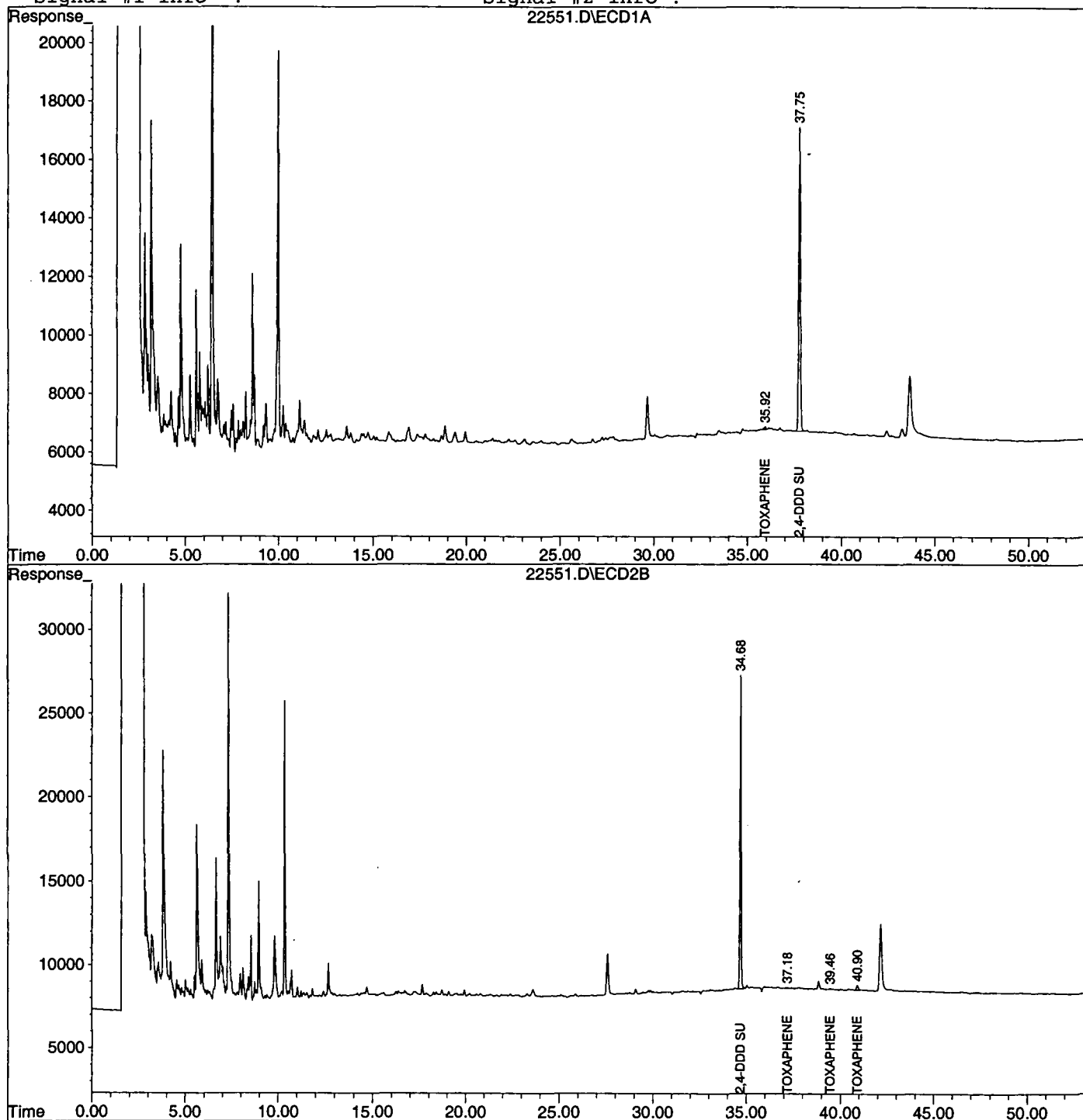
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
22551.D 010924T.M Wed Sep 26 14:18:09 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:18 2001 Quant Results File: 010924T.RES

Quant Method : C:\HPCHEM\1\METHODS\010924T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Sep 05 14:19:35 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\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:30 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 : Wed Sep 26 14:26:00 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

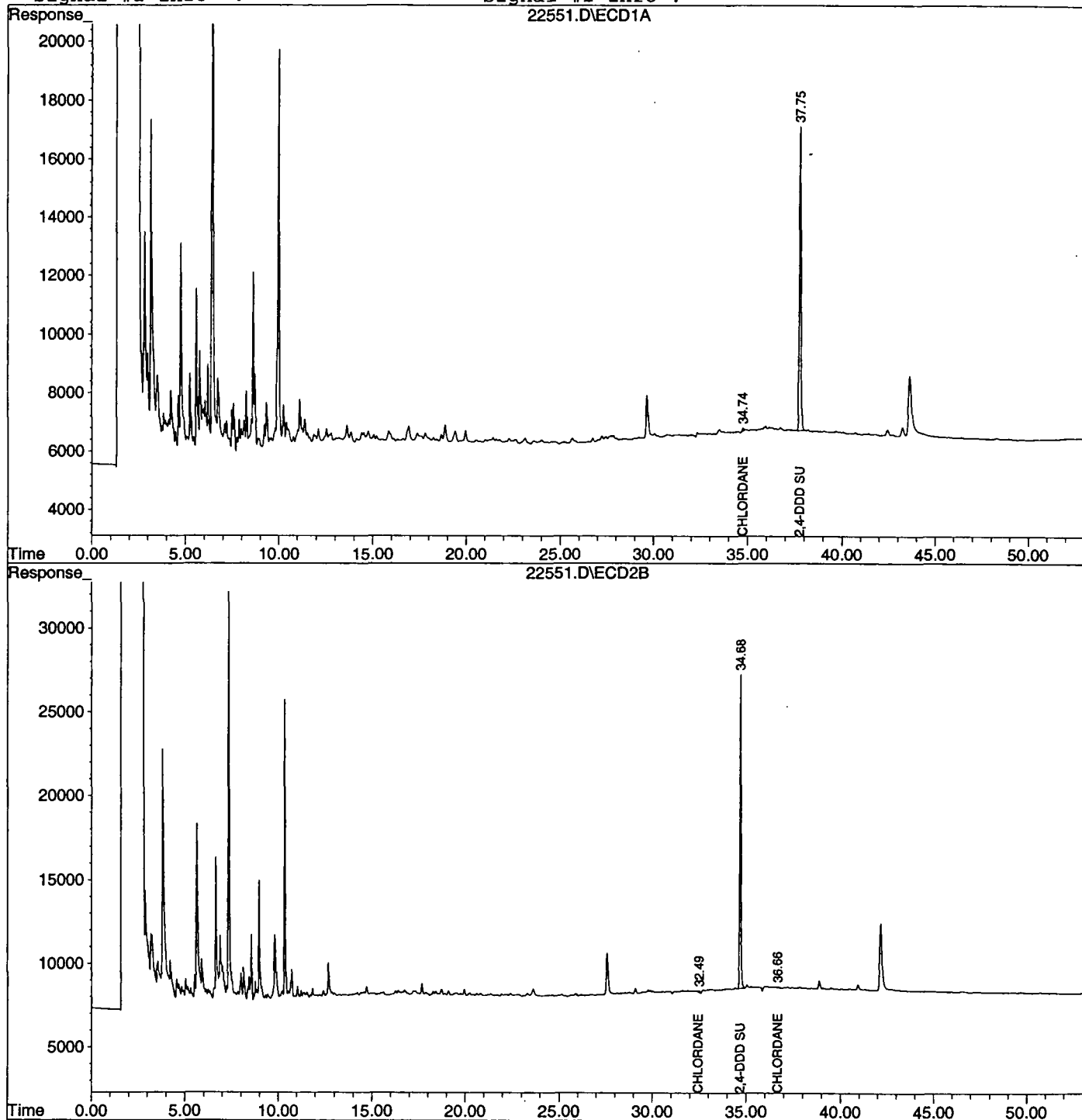
| Compound                    | RT#1  | RT#2   | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|-------|--------|----------|--------|--------|---------|
| -----                       |       |        |          |        |        |         |
| System Monitoring Compounds |       |        |          |        |        |         |
| 4) s 2,4-DDD SURROGAT       | 37.75 | 34.68  | 660855   | 878756 | 0.169m | 0.159   |
| Spiked Amount 0.200         |       |        | Recovery | =      | 84.50% | 79.50%  |
| Target Compounds            |       |        |          |        |        |         |
| 1) CHLORDANE PEAK 1         | 0.00  | 32.44f | 0        | 6732   | N.D.   | 0.007 # |
| 2) CHLORDANE PEAK 2         | 0.00  | 32.44  | 0        | 6732   | N.D.   | 0.005 # |
| 3) CHLORDANE PEAK 3         | 34.75 | 36.66f | 4861     | 5994   | 0.007  | 0.019 # |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 14:30 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 : Wed Sep 26 14:26:00 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\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 16:07 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1242.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Wed Sep 26 14:42:45 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

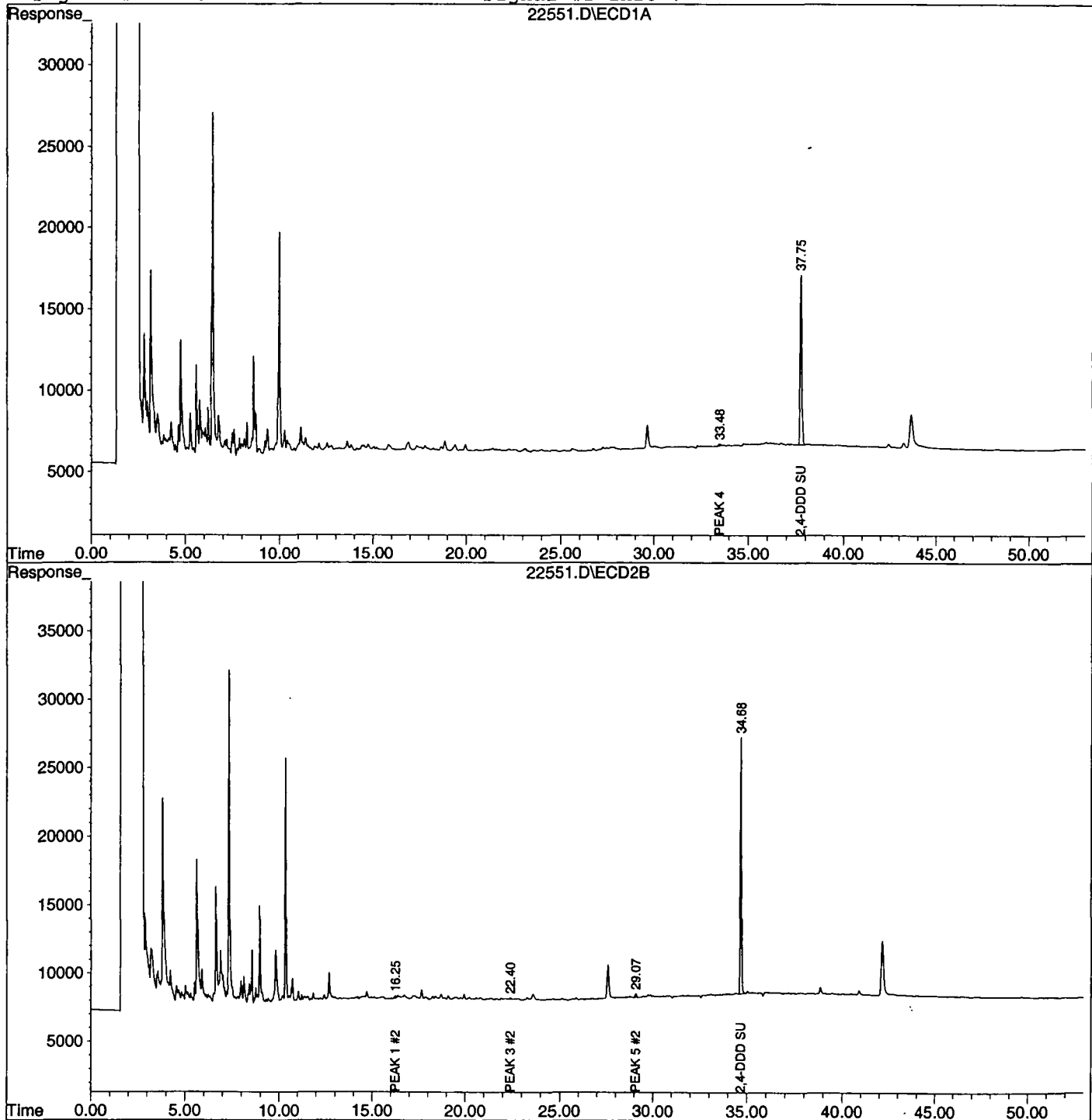
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|-------|-------|----------|--------|--------|---------|
| -----                       |       |       |          |        |        |         |
| System Monitoring Compounds |       |       |          |        |        |         |
| 6) s 2,4-DDD SURROGAT       | 37.75 | 34.68 | 661896   | 878581 | 0.173  | 0.147   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 86.50% | 73.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) PEAK 1                   | 0.00  | 16.25 | 0        | 8494   | N.D. d | 0.041   |
| 3) PEAK 3                   | 0.00  | 22.40 | 0        | 7330   | N.D.   | 0.010 # |
| 4) PEAK 4                   | 33.49 | 0.00  | 8940     | 0      | 0.042  | N.D. d# |
| 5) PEAK 5                   | 0.00  | 29.07 | 0        | 17362  | N.D. d | 0.111   |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 26 16:07 2001 Quant Results File: PCB1242.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1242.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Wed Sep 26 14:42:45 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\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 27 8:54 2001 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1248.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Wed Sep 26 16:30:46 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       | 37.75  | 34.68 | 663819   | 878581 | 0.173  | 0.147   |
| Spiked Amount               | 0.200  |       | Recovery | =      | 86.50% | 73.50%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) PEAK 1                   | 31.69  | 23.31 | 1284     | 8887   | 0.004  | 0.065 # |
| 2) PEAK 2                   | 32.96  | 0.00  | 1258     | 0      | 0.003  | N.D. d# |
| 3) PEAK 3                   | 33.49  | 27.87 | 9095     | 937    | 0.023  | 0.030 # |
| 4) PEAK 4                   | 34.75f | 29.75 | 4937     | 5833   | 0.016  | 0.011 # |
| 5) PEAK 5                   | 36.71f | 33.41 | 7267     | 1587   | 0.041  | 0.007 # |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508F\010923\22551.D\ECD2B.CH  
Acq On : 24 Sep 2001 12:46 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 27 8:54 2001 Quant Results File: PCB1248.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1248.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Wed Sep 26 16:30:46 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.M

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

