

User: Neflu, Marcela  
Westchester Dept. of Labs & Research  
Date: 09/30/2001 Time: 13:50:14

Sample: AD22653  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 9/19/01 13:18 Ended: 9/28/01 13:18 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 | Sum 1.24 DDE       |      |        |           |       |

77% OK

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
 Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
 Sample : Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 30 13:43 2001 Quant Results File: 010927P.RES

Quant Method : C:\HPCHEM\1\METHODS\010927P.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  | 34.65 | 292149   | 316468 | 0.074  | 0.087   |
| Spiked Amount 0.100         |        |       | Recovery | =      | 74.00% | 87.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) PROPACHLOR               | 0.00   | 16.23 | 0        | 5638   | N.D. d | 0.008   |
| 2) g-BHC                    | 23.95f | 21.40 | 620      | 3702   | 0.000  | 0.000 # |
| 3) HEPTACHLOR               | 26.27  | 22.98 | 692      | 2098   | 0.000  | 0.000 # |
| 4) ALDRIN                   | 29.01  | 24.85 | 6753     | 1760   | 0.001  | 0.000 # |
| 5) HEPTACHLOR EPOXI         | 32.80  | 30.13 | 639      | 2310   | 0.000  | 0.000 # |
| 6) 4,4'-DDE                 | 36.15  | 33.03 | 1795     | 2927   | 0.000  | 0.000 # |
| 7) DIELDRIN                 | 36.56  | 33.65 | 7478     | 833    | 0.001  | 0.000 # |
| 8) ENDRIN                   | 38.76  | 34.88 | 1658     | 1063   | 0.000  | 0.000 # |
| 9) METHOXYCHLOR             | 0.00   | 42.10 | 0        | 505626 | N.D.   | 0.290 # |

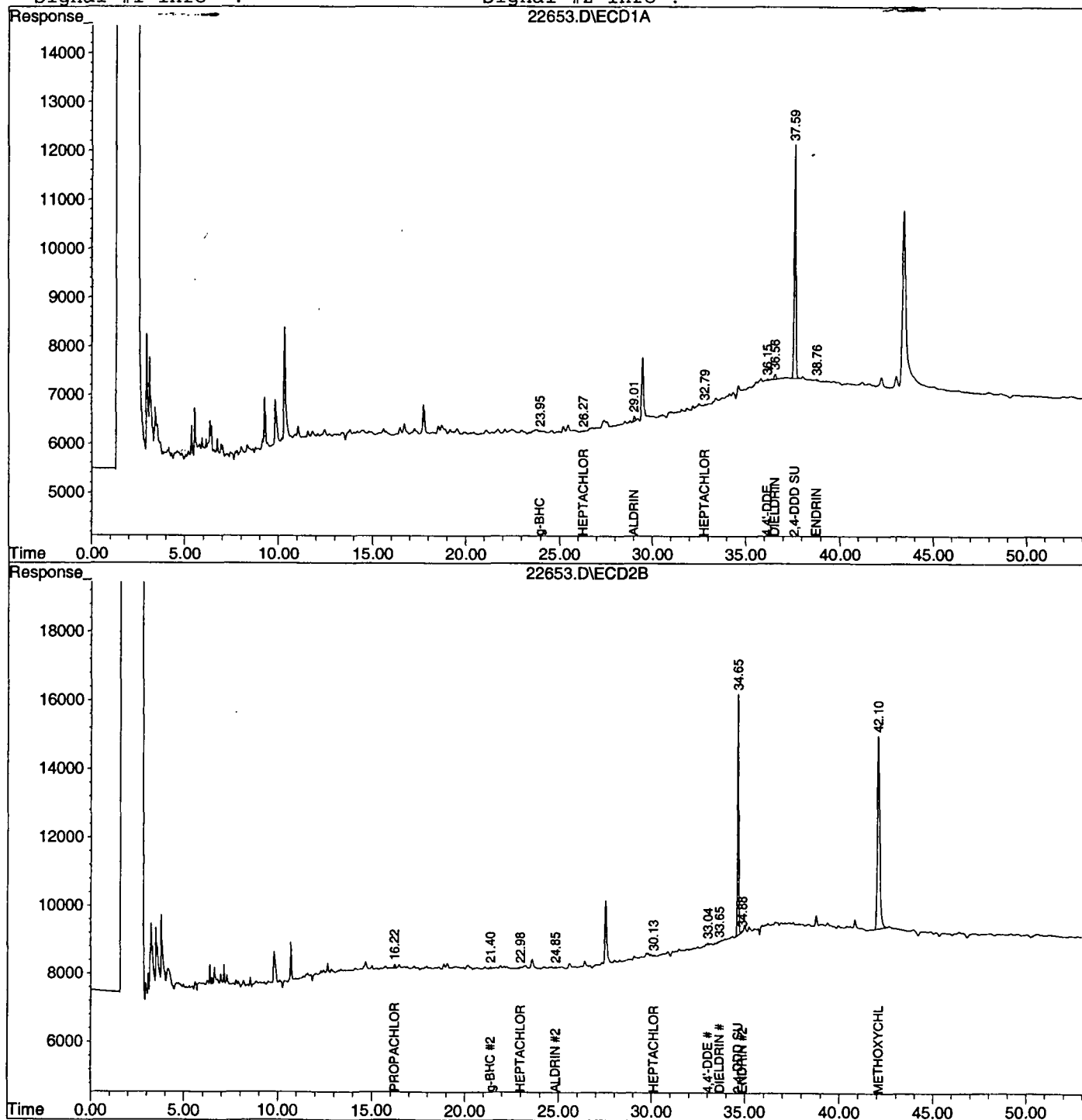
-----  
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 22653.D 010927P.M Sun Sep 30 13:44:12 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 30 13:43 2001 Quant Results File: 010927P.RES

Quant Method : C:\HPCHEM\1\METHODS\010927P.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\010926A\22653.D\ECD1A.CH Vial: 48  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
 Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
 Sample : Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 28 15:15 2001 Quant Results File: 010927T.RES

Quant Method : C:\HPCHEM\1\METHODS\010927T.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 | 34.65 | 292149   | 316602 | 0.072  | 0.069    |
| Spiked Amount 0.100         |       |       | Recovery | =      | 72.00% | 69.00%   |
| Target Compounds            |       |       |          |        |        |          |
| 1) TOXAPHENE PEAK 1         | 0.00  | 0.00  | 0        | 0      | N.D. d | N.D. d   |
| 2) TOXAPHENE PEAK 2         | 39.90 | 37.35 | 2220     | 2761   | 0.046  | 0.033 #  |
| 3) TOXAPHENE PEAK 3         | 0.00  | 39.41 | 0        | 5979   | N.D.   | 0.111 #  |
| 4) TOXAPHENE PEAK 4         | 0.00  | 40.85 | 0        | 15024  | N.D.   | 0.298 #  |
| 5) TOXAPHENE PEAK 5         | 0.00  | 42.10 | 0        | 506307 | N.D.   | 12.941 # |

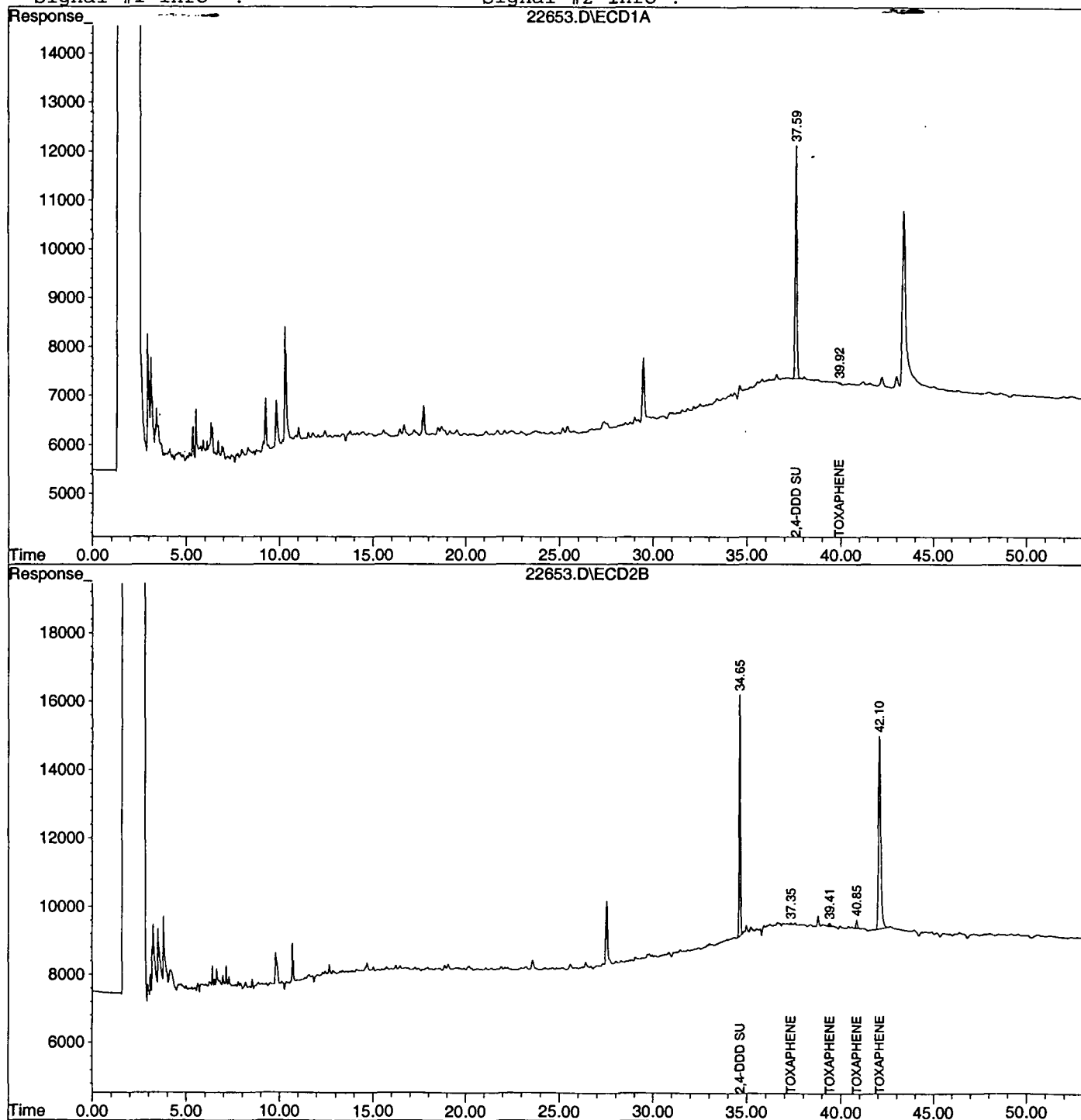
-----  
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 22653.D 010927T.M Fri Sep 28 15:15:49 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 15:15 2001 Quant Results File: 010927T.RES

Quant Method : C:\HPCHEM\1\METHODS\010927T.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\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 15:38 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 : Fri Sep 28 15:35:05 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

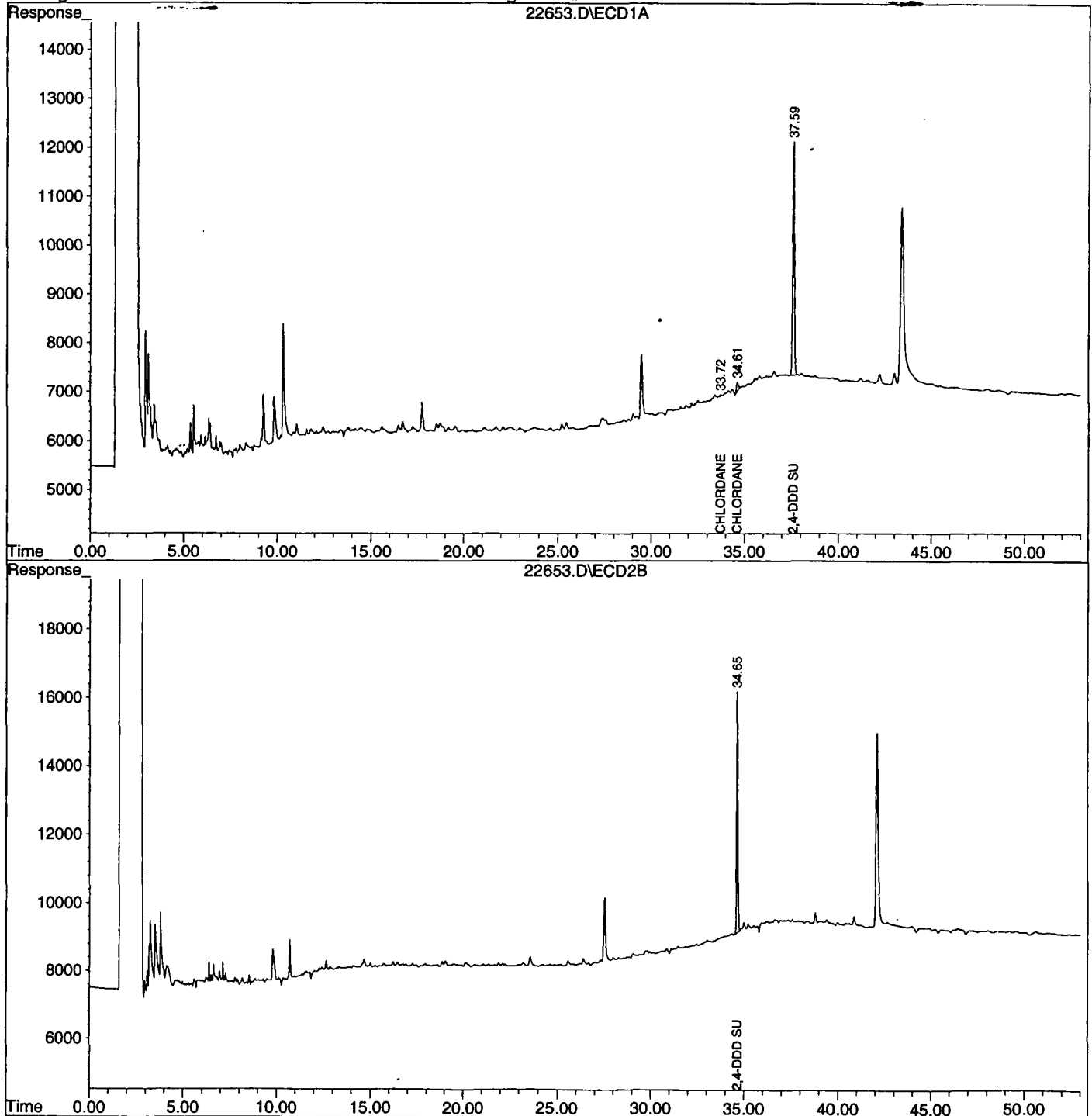
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L   |
|-----------------------------|--------|-------|----------|--------|--------|--------|
| -----                       |        |       |          |        |        |        |
| System Monitoring Compounds |        |       |          |        |        |        |
| 4) s 2,4-DDD SURROGAT       | 37.59f | 34.65 | 293350   | 316813 | 0.075m | 0.057  |
| Spiked Amount               | 0.100  |       | Recovery | =      | 75.00% | 57.00% |
| Target Compounds            |        |       |          |        |        |        |
| 2) CHLORDANE PEAK 2         | 33.72  | 0.00  | 1823     | 0      | 0.002  | N.D. # |
| 3) CHLORDANE PEAK 3         | 34.61  | 0.00  | 13030    | 0      | 0.018  | N.D. # |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 15:38 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 : Fri Sep 28 15:35:05 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\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 16:05 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 : Fri Sep 28 15:48:45 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F.M

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

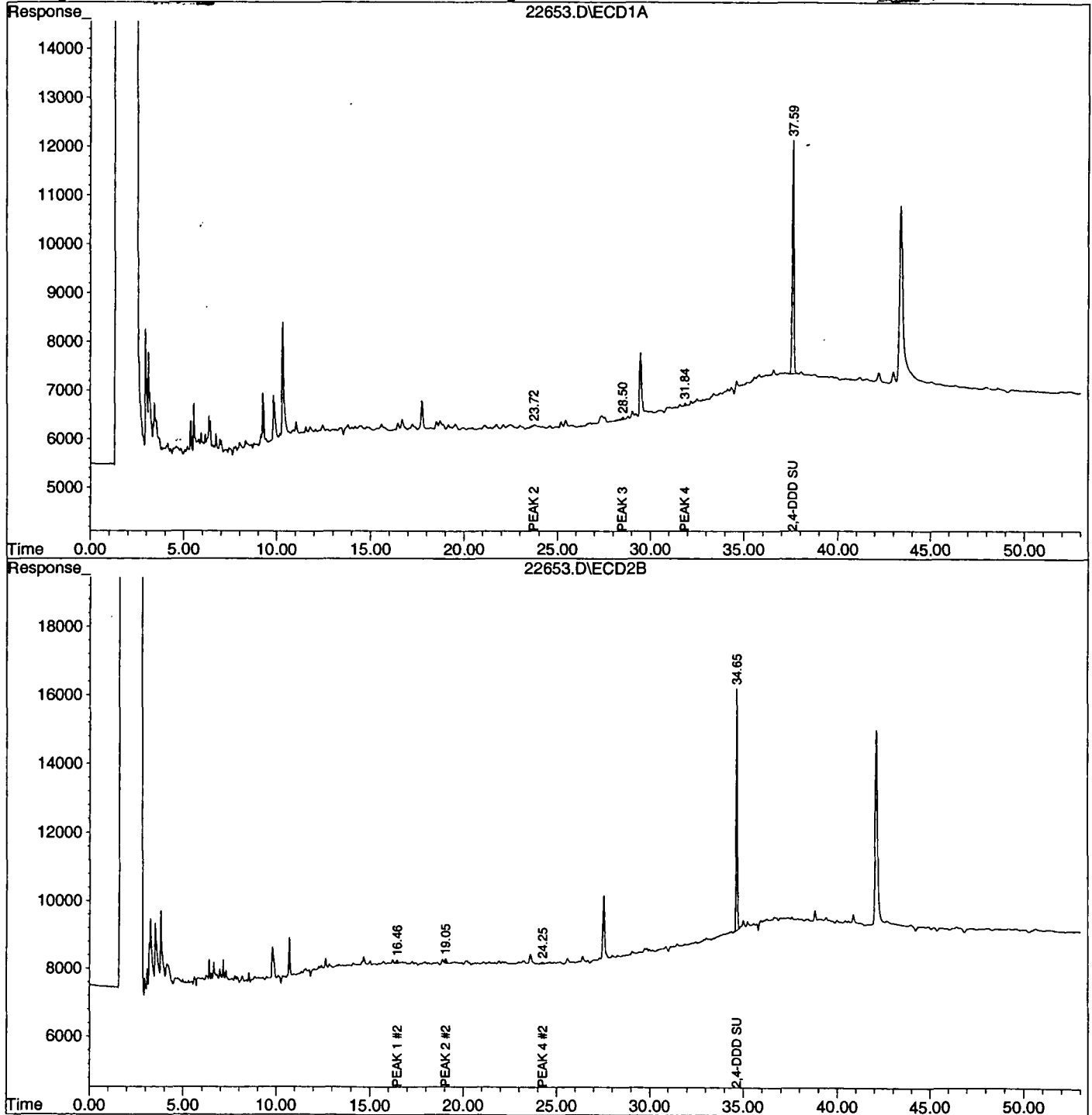
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| System Monitoring Compounds |        |       |          |        |        |         |
| 6) s 2,4-DDD SURROGAT       | 37.59  | 34.65 | 292444   | 316602 | 0.074  | 0.087   |
| Spiked Amount               | 0.200  |       | Recovery | =      | 37.00% | 43.50%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) PEAK 1                   | 0.00   | 16.46 | 0        | 5723   | N.D.   | 0.025 # |
| 2) PEAK 2                   | 23.73  | 19.05 | 1401     | 7328   | 0.003  | 0.015 # |
| 3) PEAK 3                   | 28.50f | 0.00  | 5850     | 0      | 0.023  | N.D. d# |
| 4) PEAK 4                   | 31.84f | 24.25 | 3211     | 4846   | 0.016  | 0.016   |

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
 Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
 Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
 Sample : Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Sep 28 16:05 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 : Fri Sep 28 15:48:45 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\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 16:44 2001 Quant Results File: PCB1254.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1254.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Fri Sep 28 16:39:46 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       | 37.59 | 34.65 | 292149   | 316468 | 0.074  | 0.087  |
| Spiked Amount 0.100         |       |       | Recovery | =      | 74.00% | 87.00% |
| Target Compounds            |       |       |          |        |        |        |
| 1) PEAK 1                   | 33.00 | 29.72 | 593      | 1268   | 0.003  | 0.002  |
| 2) PEAK 2                   | 0.00  | 30.87 | 0        | 8871   | N.D. d | 0.020  |
| 3) PEAK 3                   | 36.90 | 33.39 | 938      | 837    | 0.001  | 0.001  |
| 4) PEAK 4                   | 0.00  | 34.27 | 0        | 668    | N.D. d | 0.002  |
| 5) PEAK 5                   | 41.58 | 37.16 | 674      | 716    | 0.001  | 0.002  |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD1A.CH Vial: 48  
Signal #2 : C:\HPCHEM\1\DATA\508F\010926A\22653.D\ECD2B.CH  
Acq On : 27 Sep 2001 5:09 pm Operator: Nefliu  
Sample : Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Sep 28 16:44 2001 Quant Results File: PCB1254.RES

Quant Method : C:\HPCHEM\1\METHODS\PCB1254.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 4/23/99  
Last Update : Fri Sep 28 16:39:46 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F.M

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

