

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 11:57:05

Sample: AD27193  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 11/14/01 11:50 Ended: 12/12/01 11:50 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 | SLG 24-D           | SLG  |        |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
 Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
 Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 26 9:11 2001 Quant Results File: 011205P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011205P.M (Chemstation Integrator  
 Title : 508 CHLORINATED PESTICIDES 9/6/00  
 Last Update : Wed Dec 26 09:03:43 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      | 36.32 | 33.58 | 752073   | 941989 | 0.129m | 0.159   |
| Spiked Amount 0.200         |       |       | Recovery | =      | 64.50% | 79.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) PROPACHLOR               | 16.07 | 15.14 | 18286    | 3583   | 0.018m | 0.004 # |
| 3) HEPTACHLOR               | 24.69 | 21.43 | 1694     | 17740  | 0.000  | 0.002 # |
| 5) HEPTACHLOR EPOXI         | 31.44 | 28.76 | 4945     | 12050  | 0.000  | 0.001 # |
| 6) 4,4'-DDE                 | 34.98 | 31.94 | 25513    | 39489  | 0.003  | 0.003 # |
| 7) DIELDRIN                 | 35.31 | 32.60 | 6985     | 3180   | 0.001  | 0.000 # |
| 8) ENDRIN                   | 37.18 | 0.00  | 1187     | 0      | 0.000  | N.D. d# |
| 9) METHOXYCHLOR             | 0.00  | 40.59 | 0        | 453042 | N.D.   | 0.139 # |

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

27193.D 011205P.M Wed Dec 26 09:11:17 2001

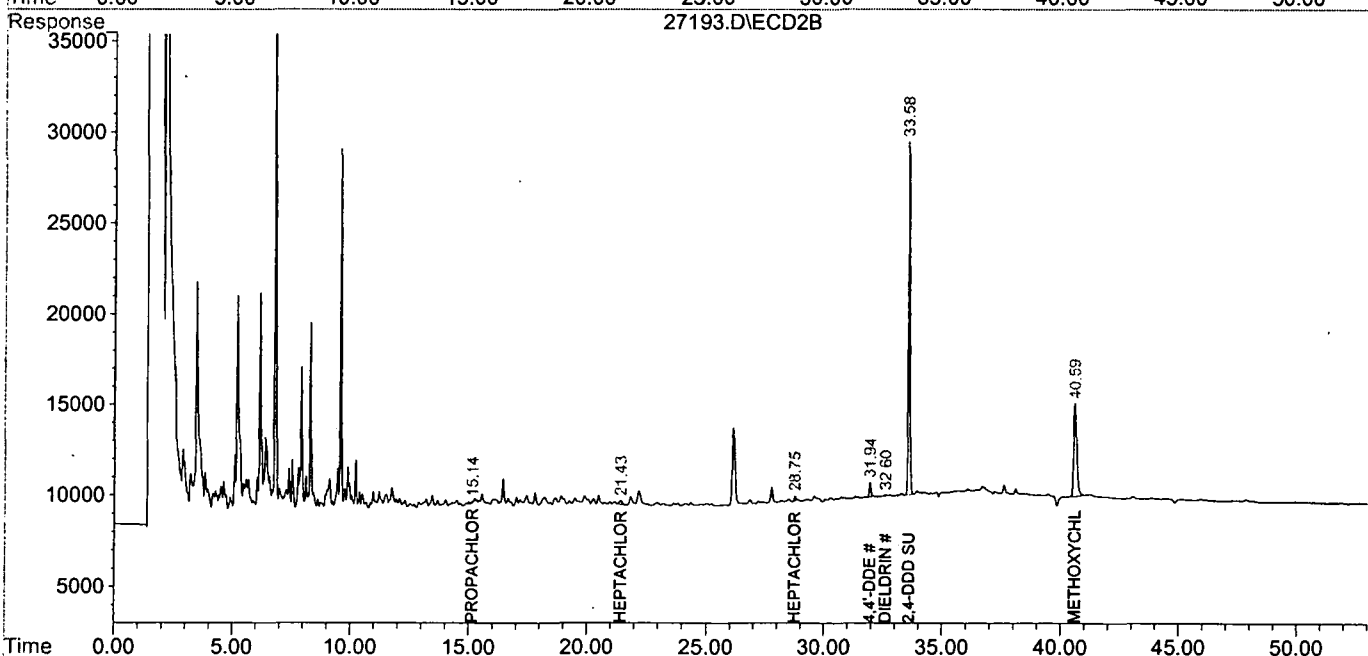
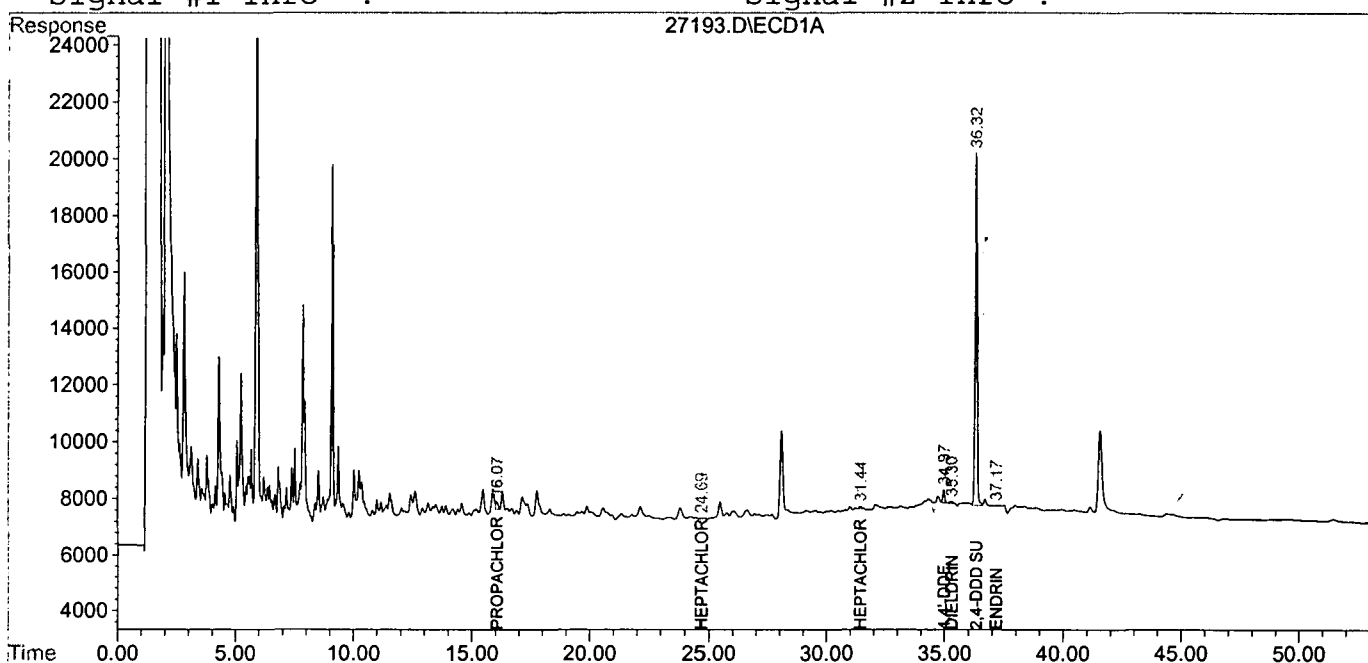
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 9:11 2001 Quant Results File: 011205P.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011205P.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES 9/6/00  
Last Update : Wed Dec 26 09:03:43 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\011212\27193.D\ECD1A.CH Vial: 42  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 10:00 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 : Wed Dec 26 09:58:05 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.M

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

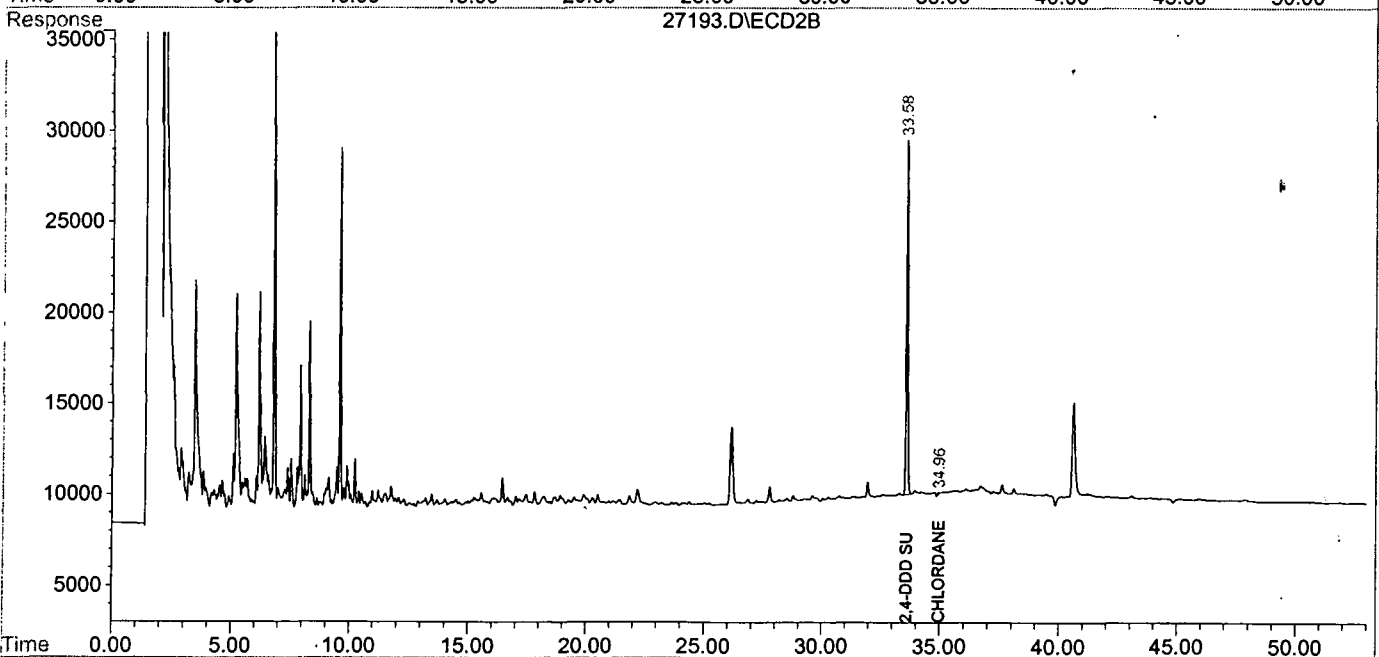
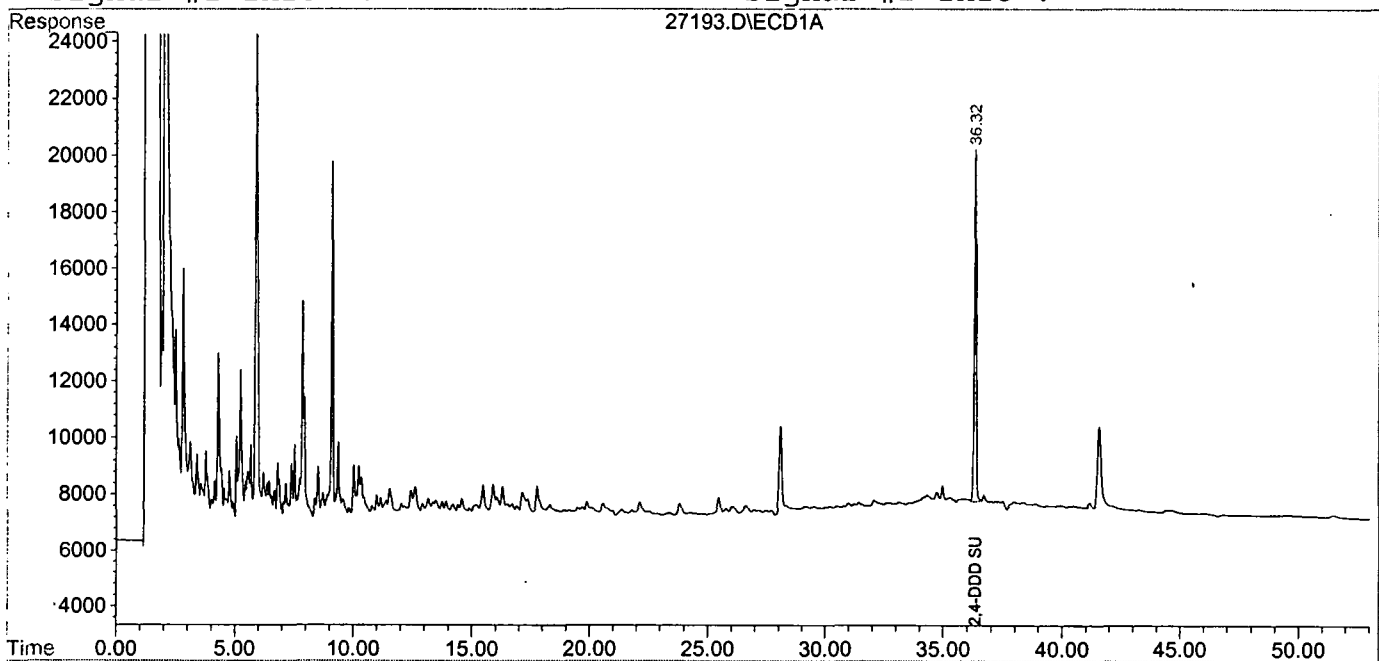
| Compound                    | RT#1  | RT#2   | Resp#1   | Resp#2 | ug/L   | ug/L   |
|-----------------------------|-------|--------|----------|--------|--------|--------|
| -----                       |       |        |          |        |        |        |
| System Monitoring Compounds |       |        |          |        |        |        |
| 4) s 2,4-DDD SURROGAT       | 36.32 | 33.58  | 750797   | 942274 | 0.156m | 0.146  |
| Spiked Amount               | 0.200 |        | Recovery | =      | 78.00% | 73.00% |
| Target Compounds            |       |        |          |        |        |        |
| 3) CHLORDANE PEAK 3         | 0.00  | 34.96f | 0        | 4515   | N.D. d | 0.012  |

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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 10:00 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 : Wed Dec 26 09:58:05 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F2.M

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



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(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 9:39 2001 Quant Results File: 011205T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011205T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Dec 26 09:34:25 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.M

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

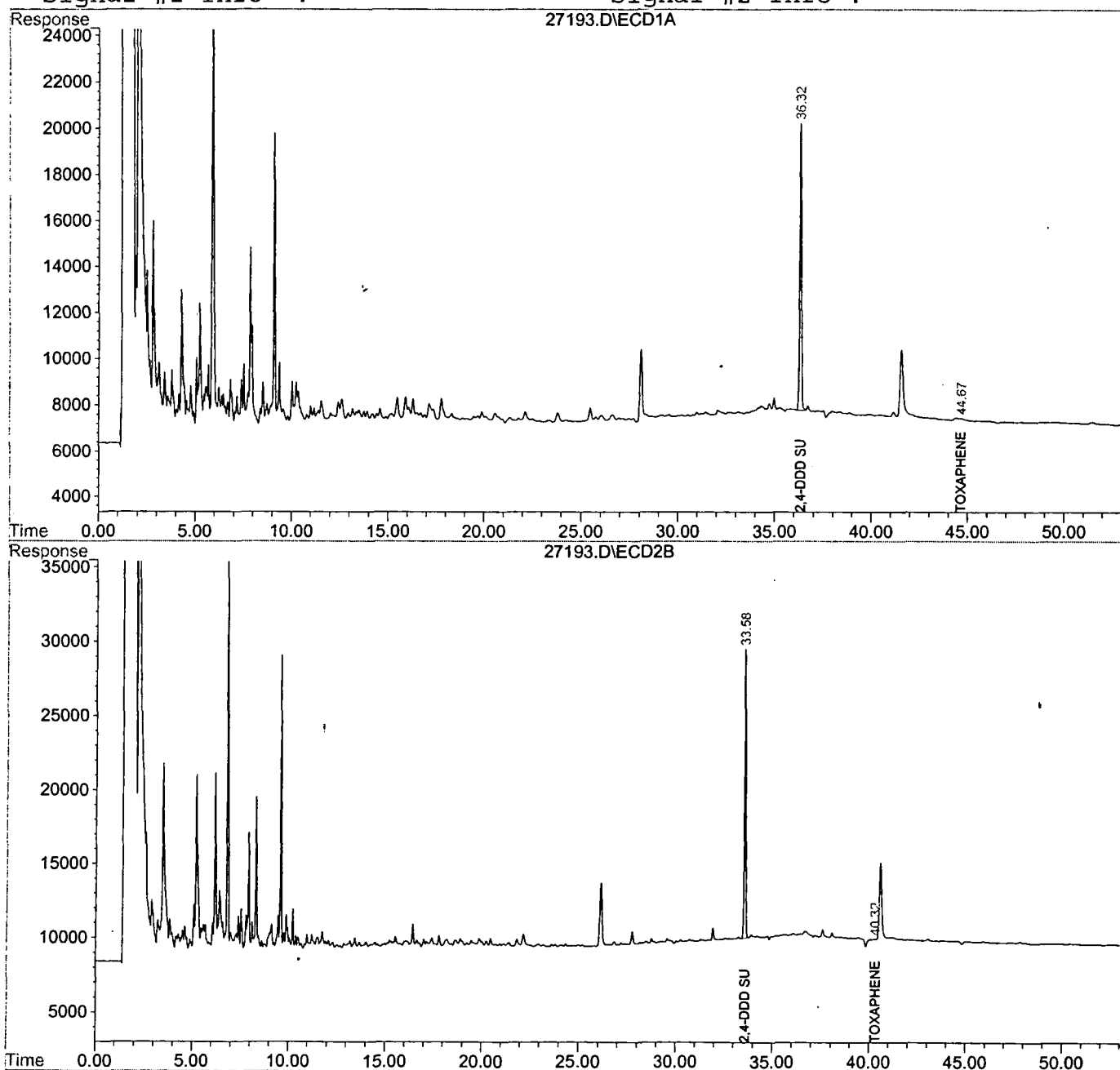
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/l   | ug/l    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| -----                       |        |       |          |        |        |         |
| System Monitoring Compounds |        |       |          |        |        |         |
| 6) S 2,4-DDD SURROGAT       | 36.32  | 33.58 | 747454   | 942031 | 0.108m | 0.132   |
| Spiked Amount               | 0.200  |       | Recovery | =      | 54.00% | 66.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 1) TOXAPHENE PEAK 1         | 0.00   | 0.00  | 0        | 0      | N.D. d | N.D. d  |
| 2) TOXAPHENE PEAK 2         | 0.00   | 0.00  | 0        | 0      | N.D. d | N.D. d  |
| 3) TOXAPHENE PEAK 3         | 0.00   | 0.00  | 0        | 0      | N.D. d | N.D. d  |
| 4) TOXAPHENE PEAK 4         | 44.65  | 0.00  | 2053     | 0      | 0.011  | N.D. d# |
| 5) TOXAPHENE PEAK 5         | 44.65f | 40.32 | 2053     | 2368   | 0.009  | 0.025 # |

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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
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Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 9:39 2001 Quant Results File: 011205T.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\011205T.M (Chemstation Integrator)  
Title : 508 CHLORINATED PESTICIDES TOXAPHENE7/28/99  
Last Update : Wed Dec 26 09:34:25 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508F2.M

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



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(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD2B.CH  
Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
Sample : sample Inst : 104  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 26 10:55 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1016.M (Chemstation Integrator)  
Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
Last Update : Tue Dec 11 11:50:02 2001  
Response via : Initial Calibration  
DataAcq Meth : 508F2.M

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

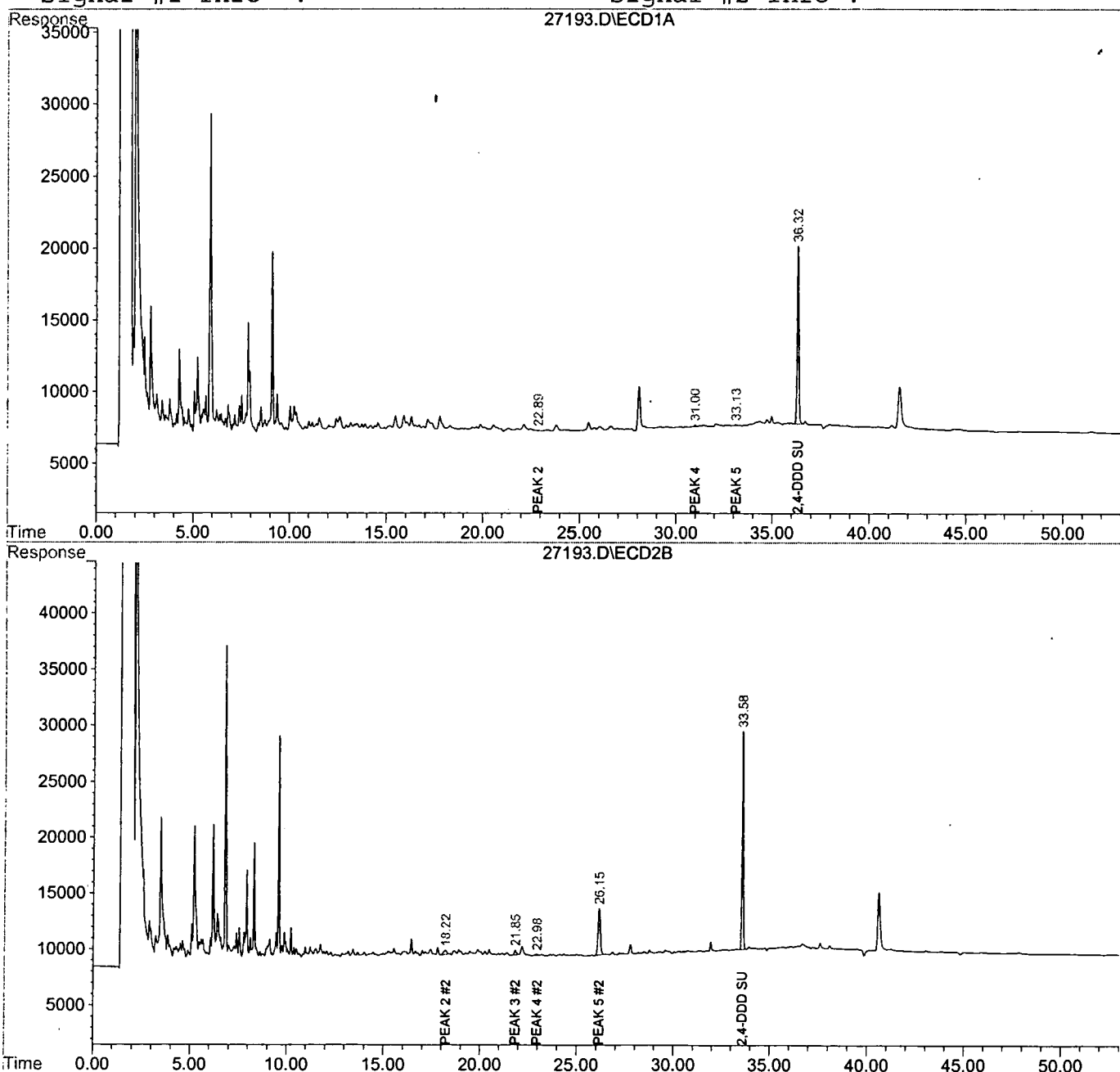
| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|--------|----------|--------|--------|---------|
| -----                       |        |        |          |        |        |         |
| System Monitoring Compounds |        |        |          |        |        |         |
| 6) s 2,4-DDD SURROGAT       | 36.32  | 33.58  | 743406   | 941989 | 0.156  | 0.179   |
| Spiked Amount               | 0.200  |        | Recovery | =      | 78.00% | 89.50%  |
| Target Compounds            |        |        |          |        |        |         |
| 2) PEAK 2                   | 22.89  | 18.22  | 2157     | 44395  | 0.004  | 0.082 # |
| 3) PEAK 3                   | 0.00   | 21.85f | 0        | 31582  | N.D. d | 0.033   |
| 4) PEAK 4                   | 31.00  | 22.98f | 8647     | 13917  | 0.031  | 0.043 # |
| 5) PEAK 5                   | 33.13f | 26.15  | 4686     | 338801 | 0.059  | 0.736 # |

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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27193.D\ECD1A.CH Vial: 42  
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 Acq On : 13 Dec 2001 2:56 am Operator: Nefliu  
 Sample : sample Inst : 104  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 26 10:55 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508104\PCB1016.M (Chemstation Integrator  
 Title : DUAL 508 CHLORINATED PESTICIDES CHLORDANE 6/3/99  
 Last Update : Tue Dec 11 11:50:02 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 AD27193 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-08-2002 Time: 15:04:06

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range.