

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 12:00:07

Sample: AD27288  
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 | Surr_2,4-DDD       |       | 0.14   |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 9:19 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 :

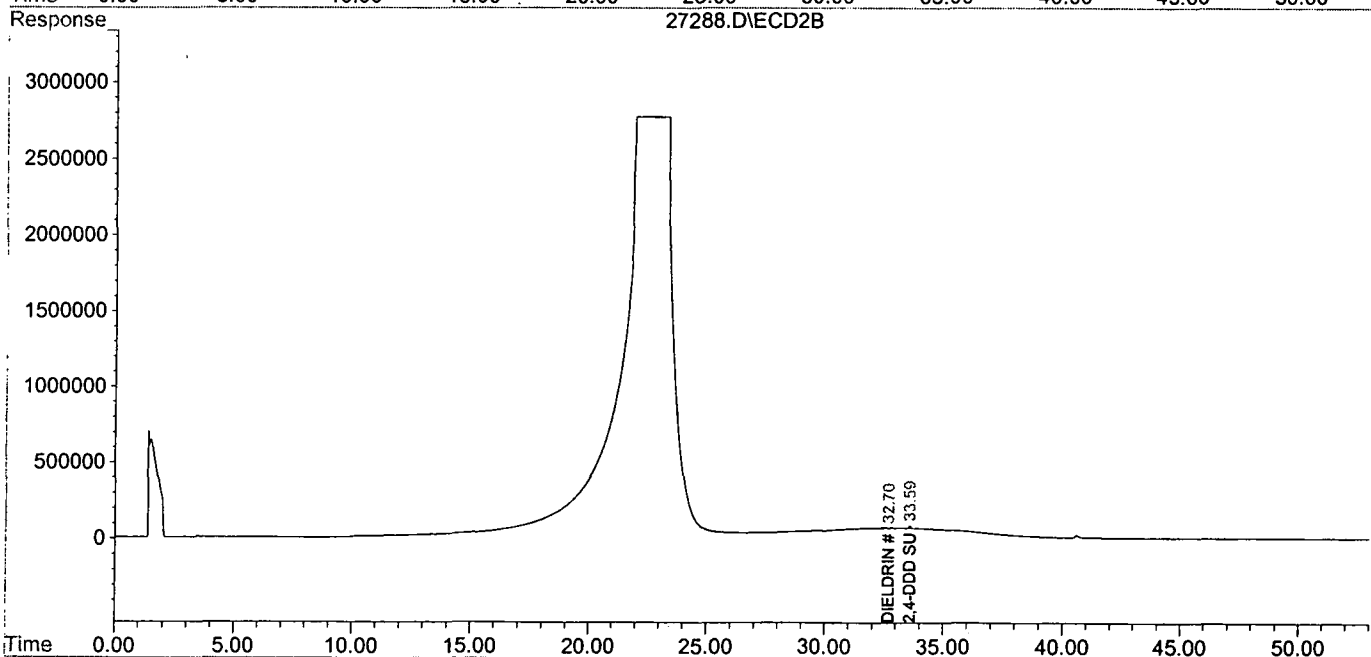
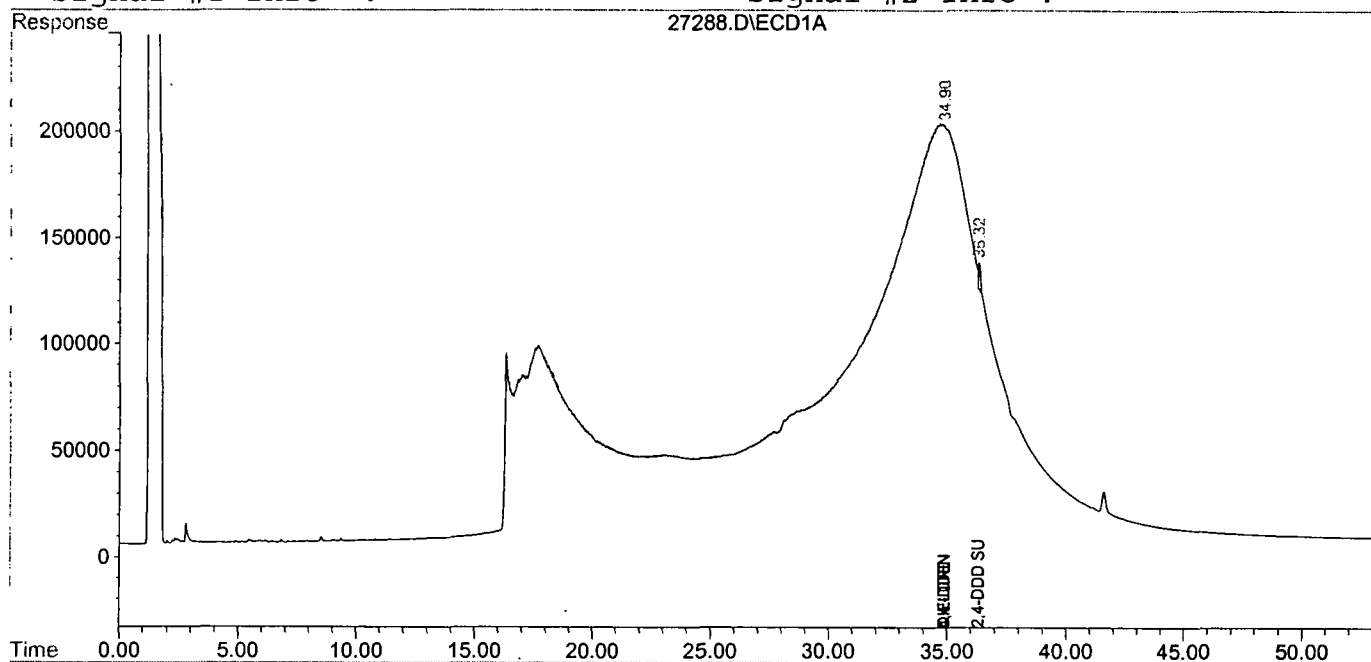
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| -----                       |        |       |          |        |        |         |
| System Monitoring Compounds |        |       |          |        |        |         |
| 10) S 2,4-DDD SURROGAT      | 36.32  | 33.59 | 808993   | 834405 | 0.139m | 0.140   |
| Spiked Amount               | 0.200  |       | Recovery | =      | 69.50% | 70.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 6) 4,4'-DDE                 | 34.90  | 0.00  | 24494    | 0      | 0.002  | N.D. d# |
| 7) DIELDRIN                 | 34.90f | 32.70 | 24494    | 635    | 0.003  | 0.000 # |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 9:19 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 :



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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 10:18 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 :

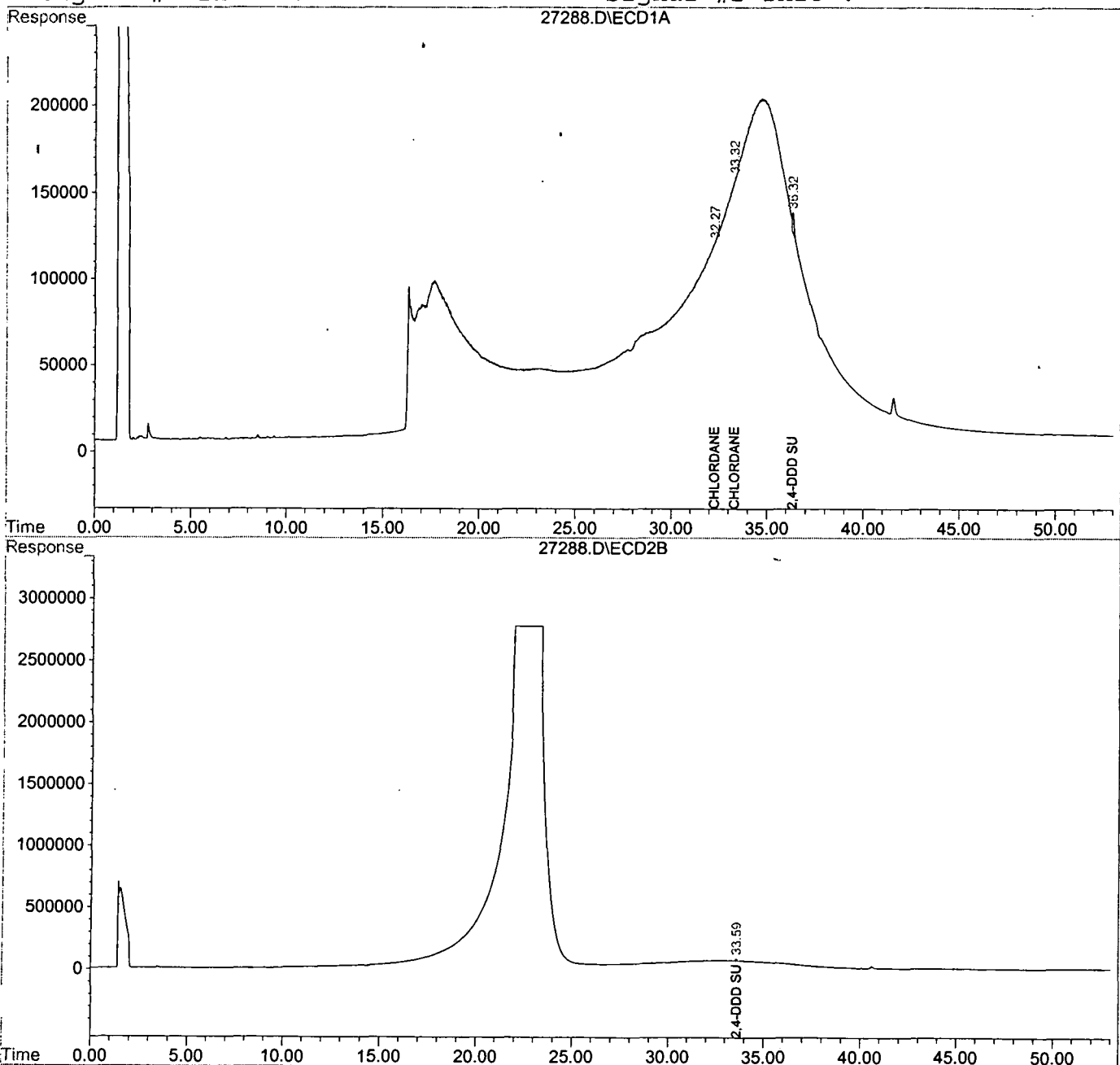
| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2 | ug/L   | ug/L    |
|-----------------------------|--------|-------|----------|--------|--------|---------|
| -----                       |        |       |          |        |        |         |
| System Monitoring Compounds |        |       |          |        |        |         |
| 4) s 2,4-DDD SURROGAT       | 36.32  | 33.59 | 722357   | 849873 | 0.150m | 0.132   |
| Spiked Amount 0.200,        |        |       | Recovery | =      | 75.00% | 66.00%  |
| Target Compounds            |        |       |          |        |        |         |
| 2) CHLORDANE PEAK 2         | 32.27f | 0.00  | 3123     | 0      | 0.003  | N.D. #  |
| 3) CHLORDANE PEAK 3         | 33.32  | 0.00  | 12750    | 0      | 0.016  | N.D. d# |

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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 10:18 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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Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 9:45 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 :

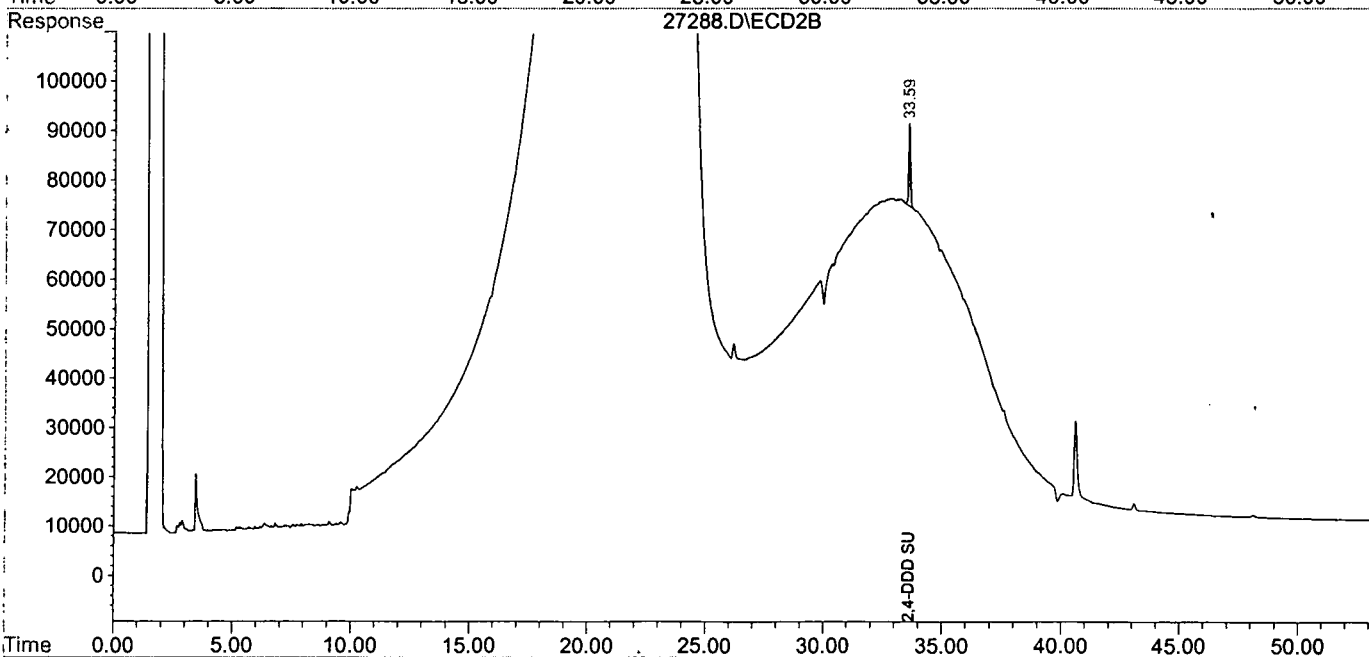
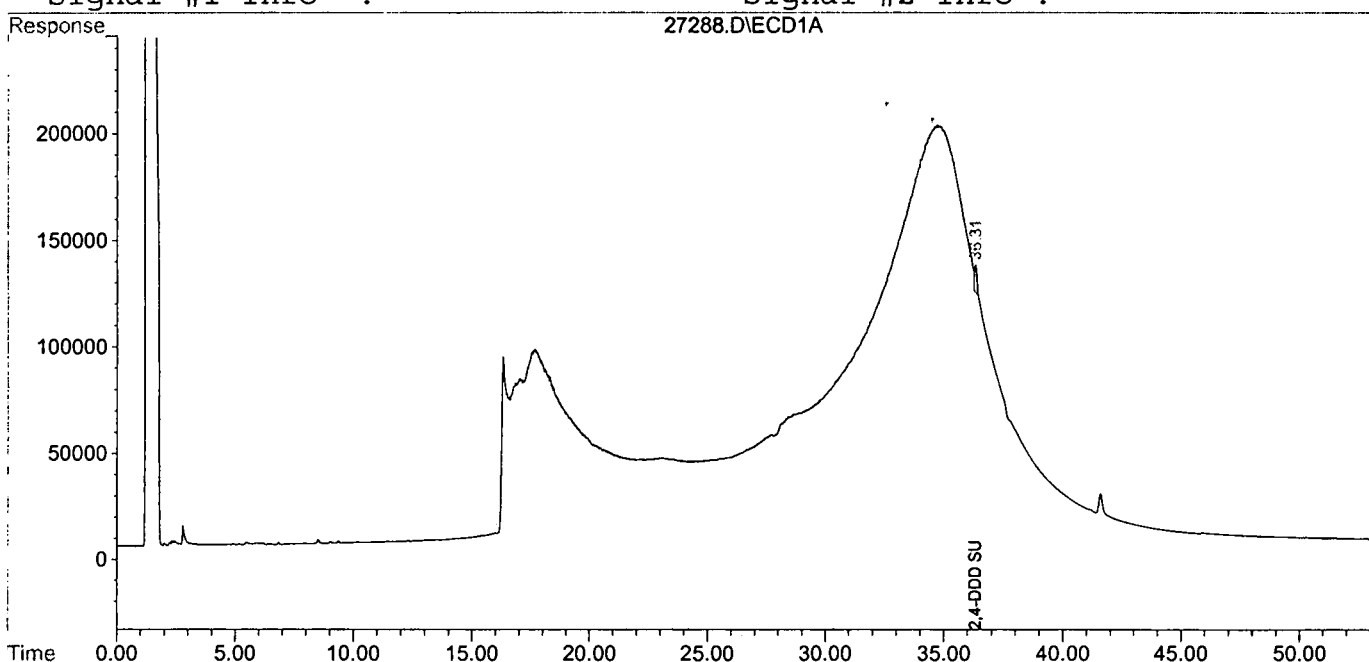
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2 | ug/l   | ug/l   |
|-----------------------------|-------|-------|----------|--------|--------|--------|
| -----                       |       |       |          |        |        |        |
| System Monitoring Compounds |       |       |          |        |        |        |
| 6) S 2,4-DDD SURROGAT       | 36.31 | 33.59 | 820118   | 841461 | 0.119m | 0.117  |
| Spiked Amount               | 0.200 |       | Recovery | =      | 59.50% | 58.50% |
| 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.   | N.D.   |
| 3) TOXAPHENE PEAK 3         | 0.00  | 0.00  | 0        | 0      | N.D.   | N.D.   |
| 4) TOXAPHENE PEAK 4         | 0.00  | 0.00  | 0        | 0      | N.D.   | N.D.   |
| 5) TOXAPHENE PEAK 5         | 0.00  | 0.00  | 0        | 0      | N.D.   | N.D. d |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 9:45 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\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 10:59 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 | 33.59 | 768110   | 849873 | 0.161m | 0.162   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 80.50% | 81.00%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) PEAK 1                   | 0.00  | 15.84 | 0        | 26894  | N.D.   | 0.105 # |
| 4) PEAK 4                   | 0.00  | 23.35 | 0        | 3331   | N.D. d | 0.010   |
| 5) PEAK 5                   | 32.67 | 26.18 | 50103    | 199278 | 0.629  | 0.433 # |

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

27288.D PCB1016.M Wed Dec 26 10:59:43 2001

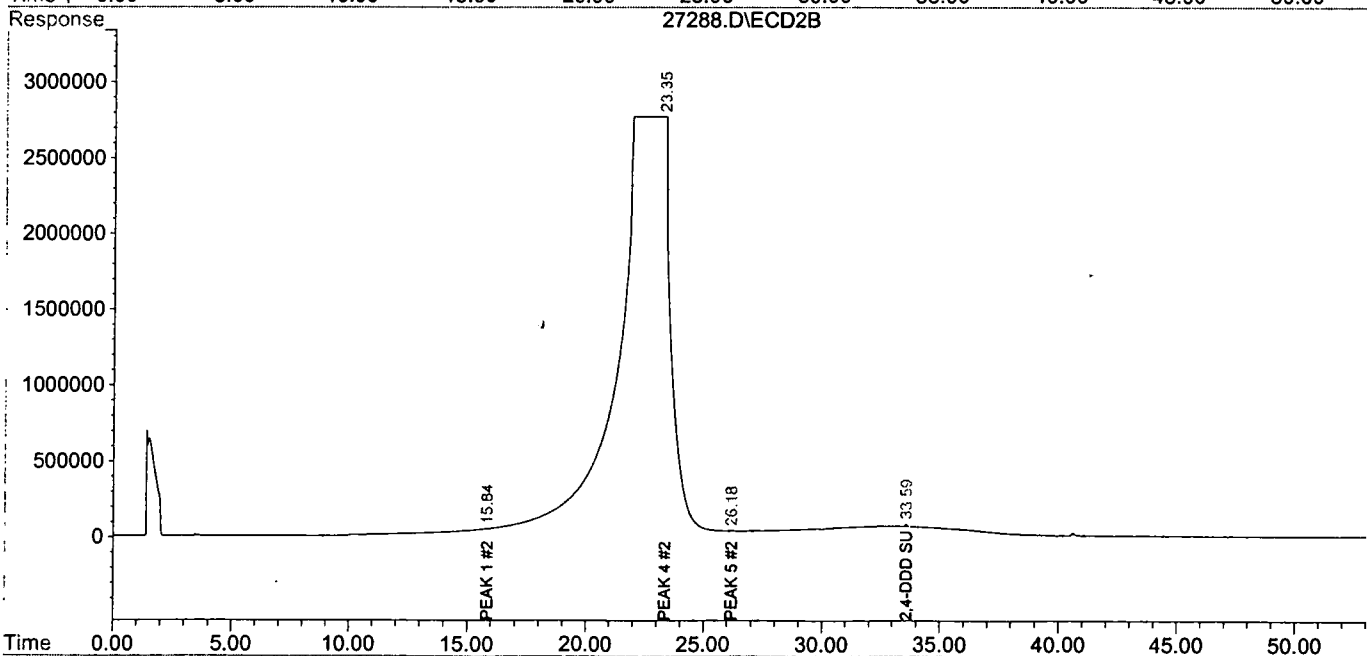
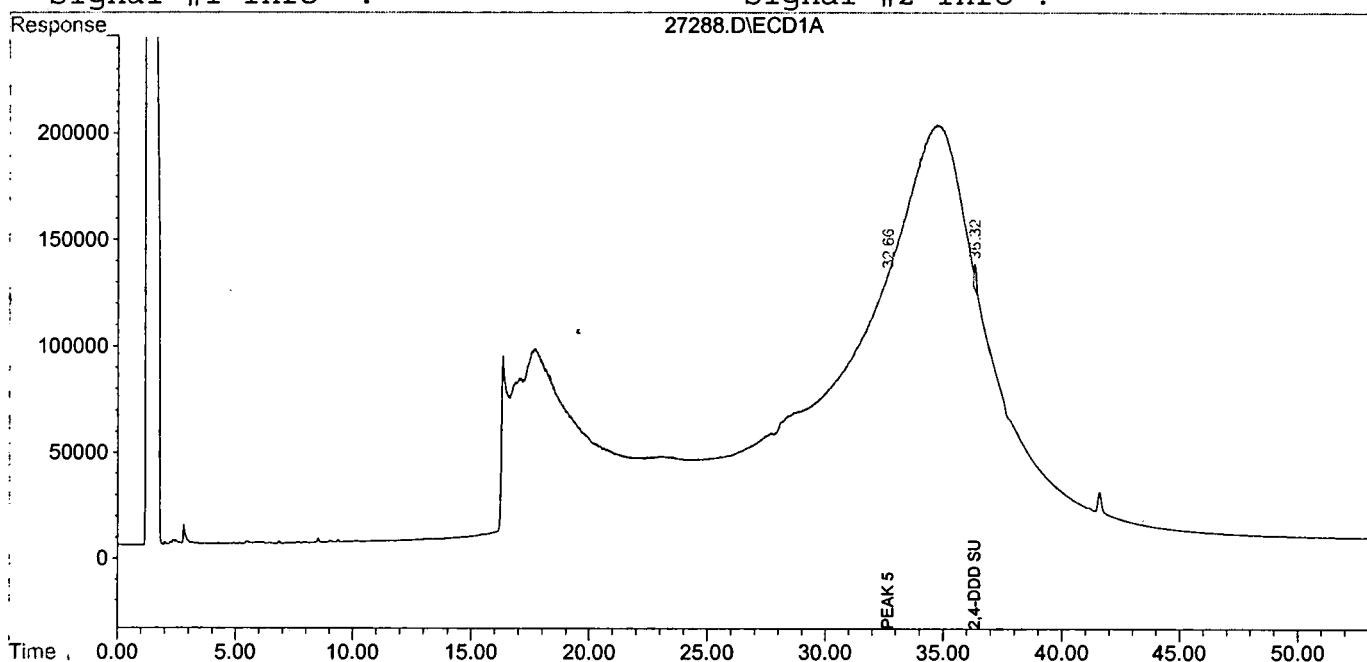
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## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508104\011212\27288.D\ECD2B.CH  
Acq On : 13 Dec 2001 9:09 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 10:59 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 AD27288 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-08-2002 Time: 15:18:38

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.