

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 12/18/2001 Time: 12:03:55

Sample: AD26391  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 11/5/01 11:52 Ended: 12/1/01 11:52 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       |      | 0.16   |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 18 10:12:14 2001 Quant Results File: 011203P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011203P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Dec 03 10:48:55 2001  
Response via : Initial Calibration  
DataAcq Meth : 508.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      | 14.46 | 15.05 | 460.0E6  | 402.0E6  | 0.162m | 0.160  |
| Spiked Amount               | 0.200 |       | Recovery | =        | 81.00% | 80.00% |
| Target Compounds            |       |       |          |          |        |        |
| 3) Heptachlor               | 0.00  | 11.32 | 0        | 3785424  | N.D. d | 0.001  |
| 4) Aldrin                   | 0.00  | 12.03 | 0        | 24524043 | N.D. d | 0.004  |
| 5) Heptachlor Epoxi         | 0.00  | 13.23 | 0        | 2556532  | N.D. d | 0.001  |
| 6) 4,4-DDE                  | 0.00  | 14.82 | 0        | 3731600  | N.D. d | 0.001  |
| 7) Dieldrin                 | 0.00  | 14.82 | 0        | 3731600  | N.D. d | 0.001  |
| 8) Endrin                   | 0.00  | 15.76 | 0        | 20836284 | N.D. d | 0.006  |

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

26391.D 011203P.M Tue Dec 18 10:12:40 2001

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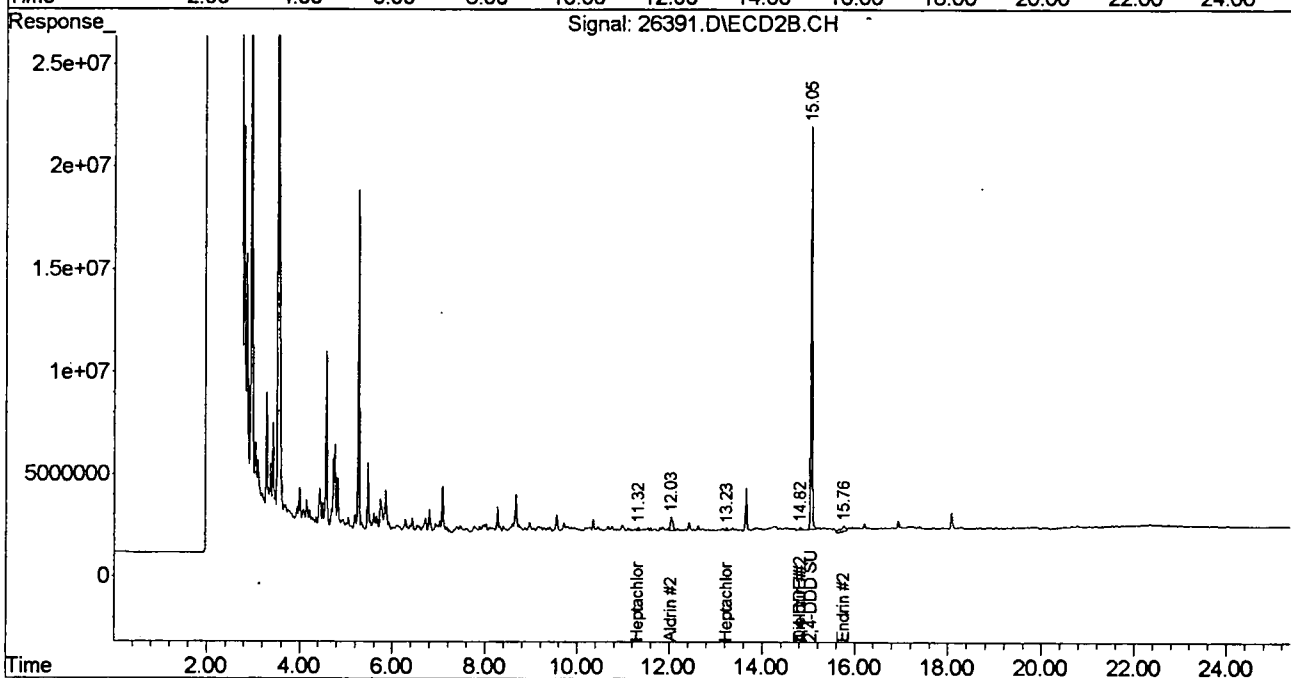
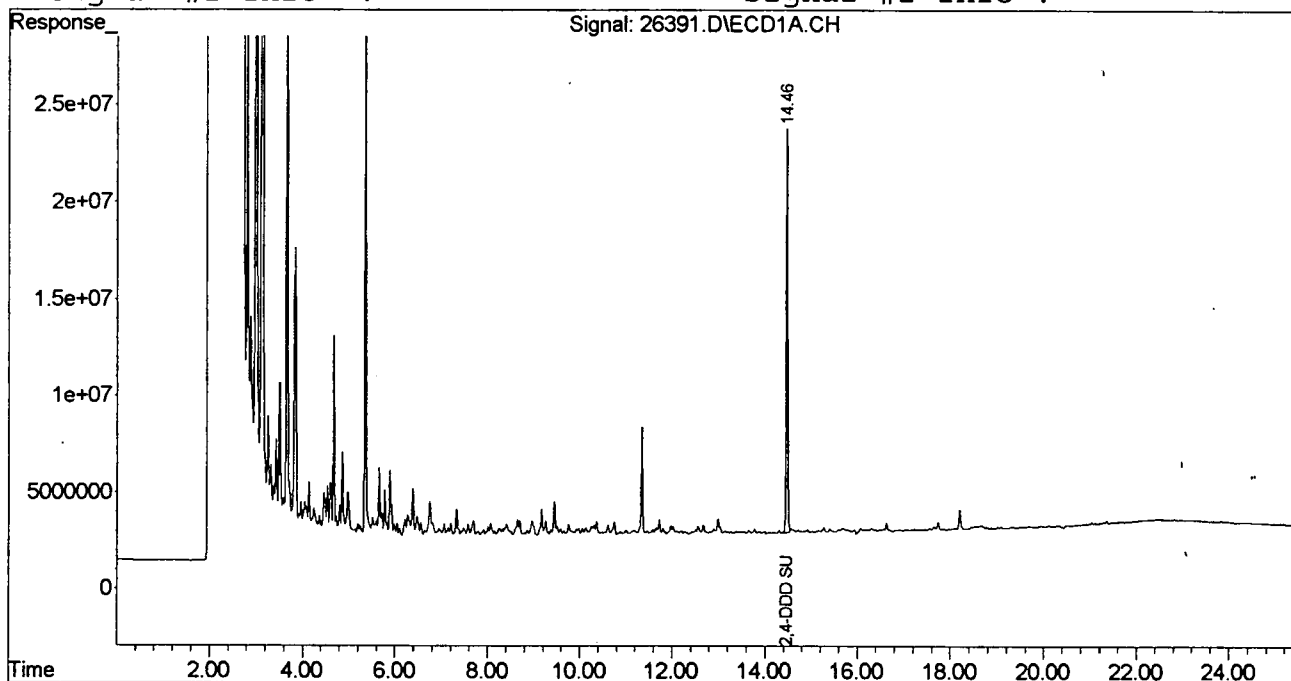
## Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 18 10:12 2001 Quant Results File: 011203P.RES

Quant Method : C:\MSDCHEM\1\METHODS\011203P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Dec 03 10:48:55 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508.M

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



26391.D 011203P.M Tue Dec 18 10:12:41 2001

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## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 13:35:23 2001 Quant Results File: 011201C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201C.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Chlordane  
Last Update : Fri Dec 14 16:10:15 2001  
Response via : Initial Calibration  
DataAcq Meth : 508.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 | 14.46 | 15.05 | 462.9E6  | 402.0E6 | 0.149m | 0.165  |
|      | Spiked Amount    | 0.200 |       | Recovery | =       | 74.50% | 82.50% |

## Target Compounds

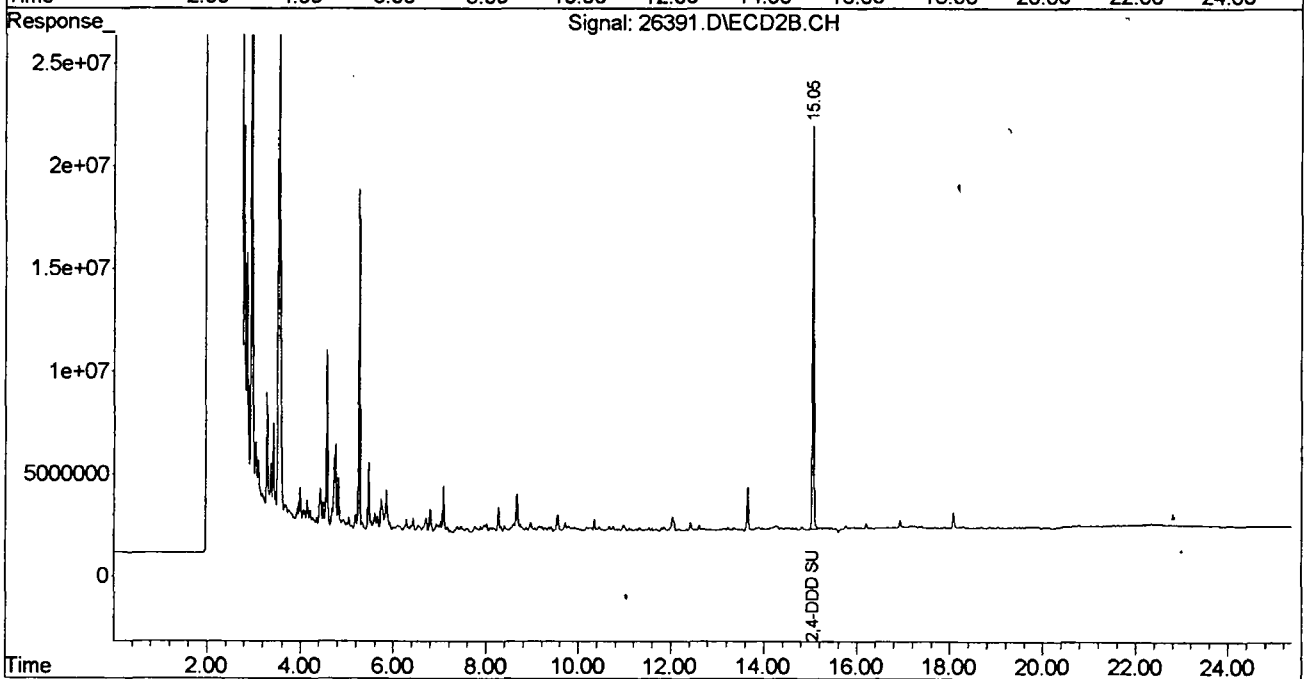
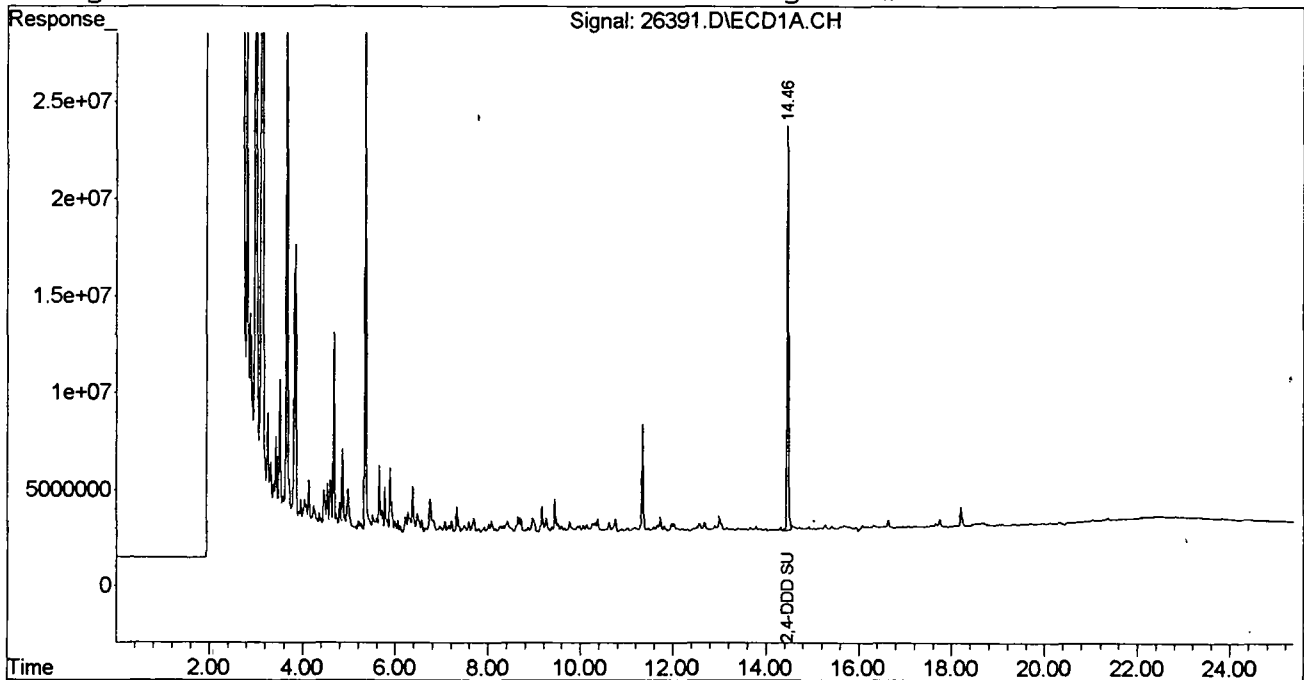
## Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 13:35 2001 Quant Results File: 011201C.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201C.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Chlordane  
Last Update : Fri Dec 14 16:10:15 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508.M

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



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 15:00:33 2001 Quant Results File: 011201T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201T.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Toxaphene  
Last Update : Sat Dec 01 11:20:58 2001  
Response via : Initial Calibration  
DataAcq Meth : 508.M

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 | Conc#2 |
|----------|------|------|--------|--------|--------|--------|
|----------|------|------|--------|--------|--------|--------|

## System Monitoring Compounds

|      |                  |       |       |          |         |        |        |
|------|------------------|-------|-------|----------|---------|--------|--------|
| 6) s | 2,4-DDD SURROGAT | 14.46 | 15.05 | 458.9E6  | 402.0E6 | 0.165m | 0.174  |
|      | Spiked Amount    | 0.200 |       | Recovery | =       | 82.50% | 87.00% |

## Target Compounds

|    |                  |      |       |   |          |        |       |
|----|------------------|------|-------|---|----------|--------|-------|
| 1) | Toxaphene Peak 1 | 0.00 | 15.76 | 0 | 20836284 | N.D. d | 1.032 |
| 2) | Toxaphene Peak 2 | 0.00 | 16.20 | 0 | 5064584  | N.D. d | 0.051 |
| 3) | Toxaphene Peak 3 | 0.00 | 16.20 | 0 | 5064584  | N.D. d | 0.173 |
| 4) | Toxaphene Peak 4 | 0.00 | 16.93 | 0 | 6496020  | N.D. d | 0.069 |

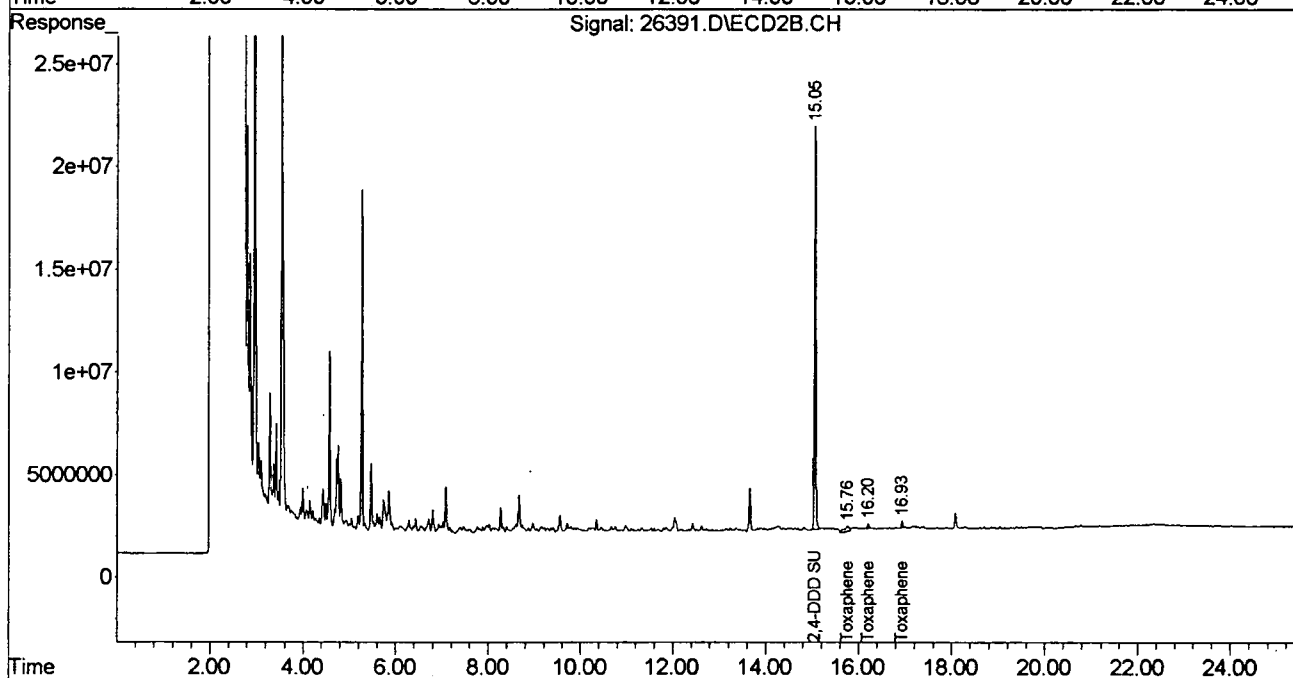
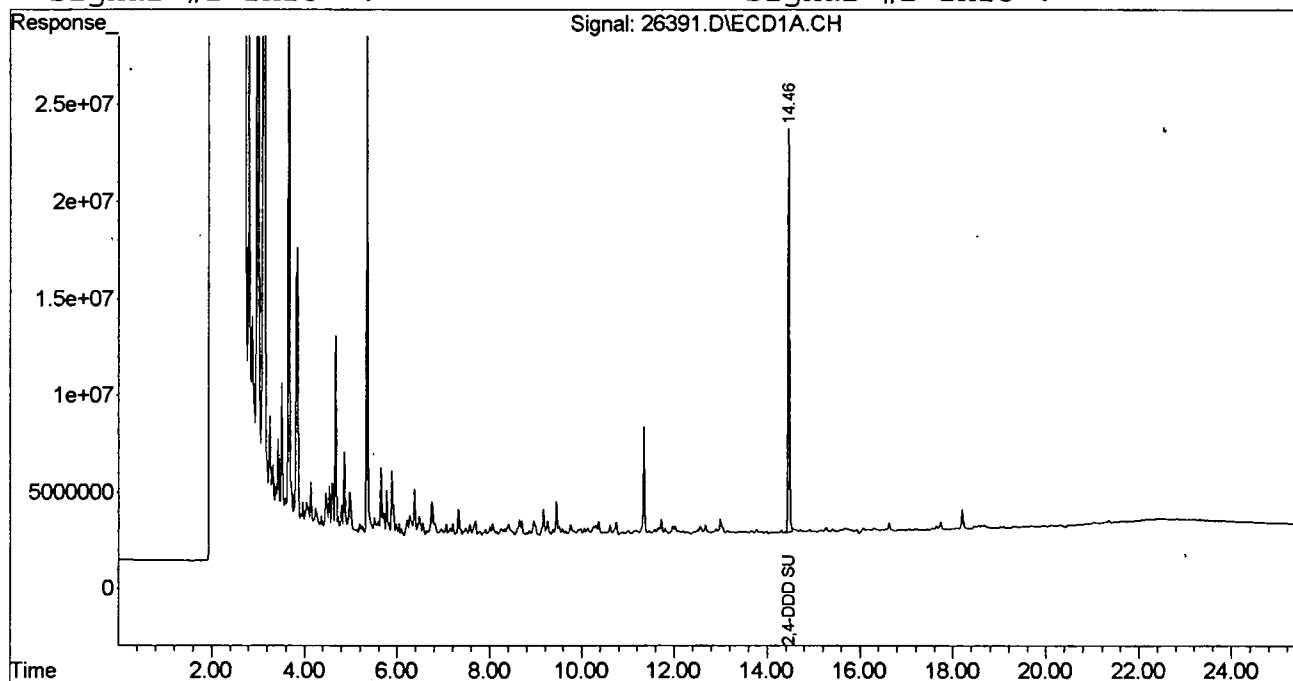
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
26391.D 011201T.M Mon Dec 17 15:00:51 2001 Page 1

## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 15:00 2001 Quant Results File: 011201T.RES

Quant Method : C:\MSDCHEM\1\METHODS\011201T.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides - Toxaphene  
Last Update : Sat Dec 01 11:20:58 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508.M

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



## Quantitation Report (QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 16:21:09 2001 Quant Results File: PCB1221.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCB1221.M (Chemstation Integrator)  
Title : 508 - Arochlor 1221  
Last Update : Mon Dec 17 16:14:30 2001  
Response via : Initial Calibration  
DataAcq Meth : 508.M

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

| Compound                    | R.T.  | Response   | Conc Units   |
|-----------------------------|-------|------------|--------------|
| -----                       |       |            |              |
| System Monitoring Compounds |       |            |              |
| 6) s 2,4-DDD SURROGATE      | 14.46 | 460510859  | 0.163 ug/l m |
| Spiked Amount 0.200         |       | Recovery = | 81.50%       |
| 13) s 2,4-DDD SURROGATE #2  | 15.05 | 402126486  | 0.160 ug/l m |
| Spiked Amount 0.200         |       | Recovery = | 80.00%       |
| Target Compounds            |       |            |              |
| 2) 1221 - peak 2            | 7.32  | 27178493   | 0.349 m      |
| 9) 1221 - peak 2 #2         | 6.79  | 25173349   | 0.596 m      |
| 11) 1221 - peak 4 #2        | 8.86  | 5671476    | 0.174        |

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(f)=RT Delta > 1/2 Window

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(m)=manual int.

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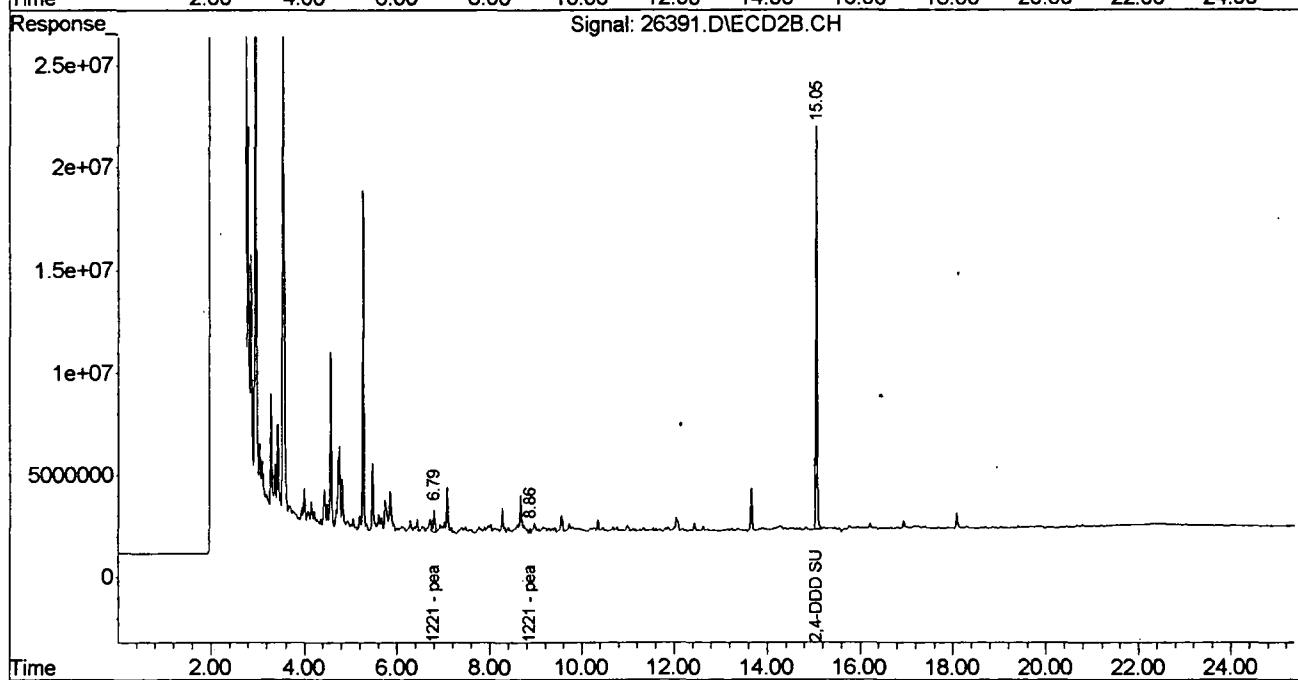
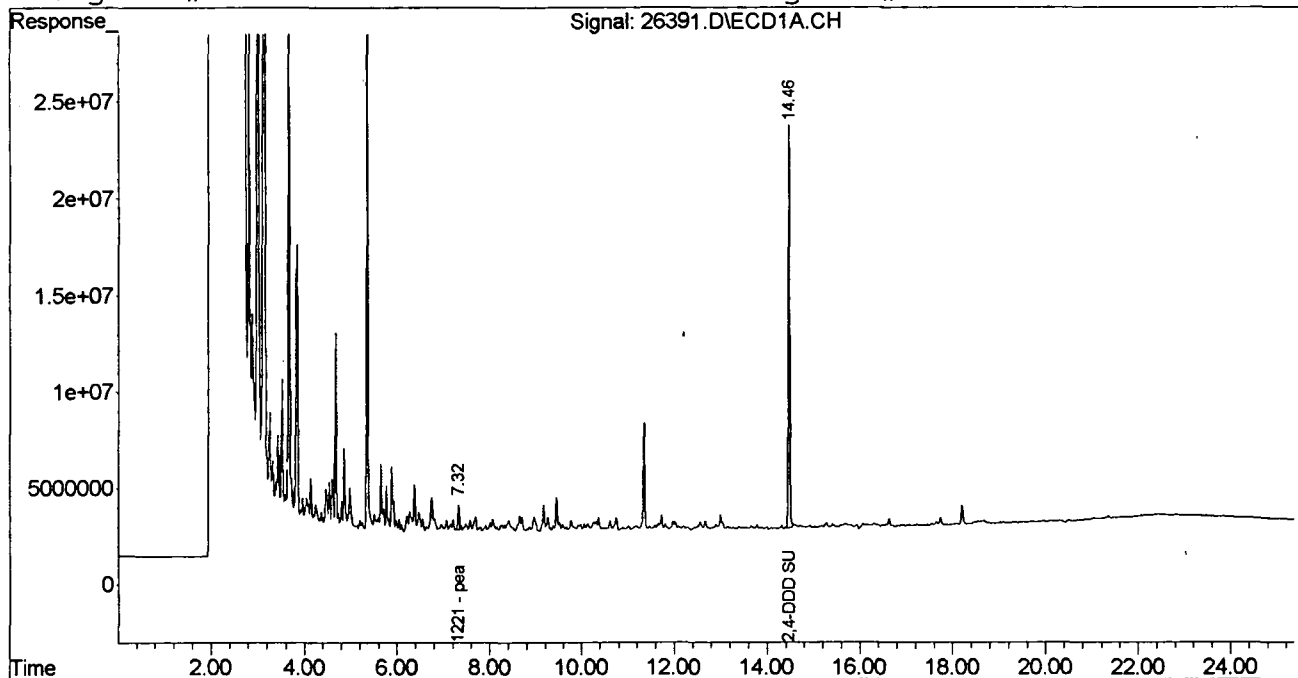
## Quantitation Report

(QT Reviewed)

Signal #1 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD1A.CH Vial: 47  
Signal #2 : C:\MSDCHEM\1\DATA\508\011201\26391.D\ECD2B.CH  
Acq On : 03 Dec 2001 10:16 pm Operator: Nefliu  
Sample : sample Inst : Instrume  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: events2.e  
Quant Time: Dec 17 16:21 2001 Quant Results File: PCB1221.RES

Quant Method : C:\MSDCHEM\1\METHODS\PCB1221.M (Chemstation Integrator)  
Title : 508 - Arochlor 1221  
Last Update : Mon Dec 17 16:14:30 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : 508.M

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



**Comments for Sample AD26391 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-21-2001 Time: 13:14:56

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.