

Method 508Date Extracted 10/25/01Page 48

| Lab #                                                                                             | Description        | Sample<br>vol/wt | Drip rate<br>ml/min | Surr<br>add | Spk<br>add | IS<br>add | Final<br>vol. | T.V.<br>pos. | pH | Count |
|---------------------------------------------------------------------------------------------------|--------------------|------------------|---------------------|-------------|------------|-----------|---------------|--------------|----|-------|
|                                                                                                   | Lab 11h            | 500ml            | —                   | 1ml         | —          | —         | 2ml           |              | 7  |       |
|                                                                                                   | Reference Plot     |                  |                     |             |            |           |               |              |    |       |
|                                                                                                   | MDL Plot           |                  |                     |             |            |           |               |              |    |       |
|                                                                                                   | PRC 1221           |                  |                     |             |            |           |               |              |    |       |
|                                                                                                   | 25376              |                  |                     |             |            |           |               |              |    | 14    |
|                                                                                                   | 25377              |                  |                     |             |            |           |               |              |    | 15    |
|                                                                                                   | 25457              |                  |                     |             |            |           |               |              |    | 16    |
|                                                                                                   | 25458              |                  |                     |             |            |           |               |              |    | 17    |
|                                                                                                   | 25459              |                  |                     |             |            |           |               |              |    | 18    |
|                                                                                                   | 25460              |                  |                     |             |            |           |               |              |    | 19    |
|                                                                                                   | 25461              |                  |                     |             |            |           |               |              |    | 20    |
|                                                                                                   | 25462              |                  |                     |             |            |           |               |              |    | 1     |
|                                                                                                   | 25463              |                  |                     |             |            |           |               |              |    | 2     |
|                                                                                                   | 25495              |                  |                     |             |            |           |               |              |    | 3     |
|                                                                                                   | 25496              |                  |                     |             |            |           |               |              |    | 4     |
|                                                                                                   | 25497              |                  |                     |             |            |           |               |              |    | 5     |
| 25376                                                                                             | spike plot         |                  |                     | 1ml         |            |           |               |              |    |       |
| 25376                                                                                             | sp dump plot       |                  |                     |             |            |           |               |              |    |       |
| 25372                                                                                             | spike chloroform   |                  |                     |             |            |           |               |              |    |       |
| 25372                                                                                             | sp dump chloroform |                  |                     |             |            |           |               |              |    |       |
| Remarks                                                                                           |                    |                  |                     |             |            |           |               |              |    |       |
| <div style="text-align: right;">Reviewed by<br/><u>DN</u><br/>4/13/02</div>                       |                    |                  |                     |             |            |           |               |              |    |       |
| drip rate must be between 5-15 ml/min for liq-liq extractors                                      |                    |                  |                     |             |            |           |               |              |    |       |
| drip rate -                                                                                       |                    |                  |                     |             |            |           |               |              |    |       |
| Extraction type - <u>Supernatant</u> Solv. lot# <u>V11599</u> NaCl lot# <u>V11599</u> Na2SO4 lot# |                    |                  |                     |             |            |           |               |              |    |       |
| STANDARD                                                                                          | INT STD LOG#       |                  |                     |             |            |           |               |              |    |       |
| CALIBRATION                                                                                       |                    |                  |                     |             |            |           |               |              |    |       |
| REF/SPIKE                                                                                         | 2062a plot         |                  |                     |             |            |           |               |              |    |       |
| MDL/MDRF                                                                                          |                    |                  |                     |             |            |           |               |              |    |       |
| Q. CHECK                                                                                          |                    |                  |                     |             |            |           |               |              |    |       |
| INT. STD.                                                                                         |                    |                  |                     |             |            |           |               |              |    |       |
| SURROGATE                                                                                         | 2064c              |                  |                     |             |            |           |               |              |    |       |
| LPC                                                                                               |                    |                  |                     |             |            |           |               |              |    |       |
| ENDRIN/DDT                                                                                        |                    |                  |                     |             |            |           |               |              |    |       |

Analyst AD/Mg  
revision 4/12/01

Verified by \_\_\_\_\_

Reviewed by DN  
Date 12/7/11

Sequence Name: C:\HPCHEM\1\SEQUENCE\508\112101.S

Comment: 508 samples

Operator: Nefliu

Data Path: C:\HPCHEM\1\DATA\508\112101\

Pre-Seq Cmd:

Post-Seq Cmd:

Method Sections To Run

On A Barcode Mismatch

☒ Full Method☒ Inject Anyway☐ Reprocessing Only☐ Don't Inject

| Line | Type   | Vial | DataFile | Method  | Sample Name                  |
|------|--------|------|----------|---------|------------------------------|
| 1    | Sample | 1    | HEXANE   | PESTPCB |                              |
| 2    | Sample | 2    | 1121END  | PESTPCB | endrin decomposition         |
| 3    | Sample | 3    | 1121LPC  | PESTPCB | lpc                          |
| 4    | Sample | 11   | PC3      | PESTPCB | pest c3                      |
| 5    | Sample | 4    | CHLC3    | PESTPCB | chlordanane ccv1             |
| 6    | Sample | 5    | TOXC1    | PESTPCB | tox ic1                      |
| 7    | Sample | 6    | TOXC2    | PESTPCB | tox ic2                      |
| 8    | Sample | 7    | TOXC3    | PESTPCB | tox ic3                      |
| 9    | Sample | 8    | TOXUR    | PESTPCB | tox unextracted ref          |
| 10   | Sample | 9    | PESTC1   | PESTPCB | pest ic1                     |
| 11   | Sample | 10   | PESTC2   | PESTPCB | pest ic2                     |
| 12   | Sample | 11   | PESTC3   | PESTPCB | pest ic3                     |
| 13   | Sample | 12   | PESTUR   | PESTPCB | tox unextracted ref          |
| 14   | Sample | 13   | 1022LB   | PESTPCB | 10/22 lab blk                |
| 15   | Sample | 14   | 1024LB   | PESTPCB | 10/24 lab blk                |
| 16   | Sample | 15   | 1025LB   | PESTPCB | 10/25 lab blk                |
| 17   | Sample | 16   | 1022REF  | PESTPCB | 10/22 ref chlordanane        |
| 18   | Sample | 17   | 1024REF  | PESTPCB | 10/24 ref tox                |
| 19   | Sample | 18   | 1025REF  | PESTPCB | 10/25 ref pest               |
| 20   | Sample | 19   | PRL1254  | PESTPCB | prl 1254                     |
| 21   | Sample | 20   | 25042    | PESTPCB | sample                       |
| 22   | Sample | 21   | 25043    | PESTPCB | sample                       |
| 23   | Sample | 22   | 25044    | PESTPCB | sample                       |
| 24   | Sample | 23   | 25047    | PESTPCB | sample                       |
| 25   | Sample | 24   | 25048    | PESTPCB | sample                       |
| 26   | Sample | 25   | 25174ST  | PESTPCB | 25174 spike tox              |
| 27   | Sample | 26   | 25174SDT | PESTPCB | 25174 spike dupe tox         |
| 28   | Sample | 27   | 25175SP  | PESTPCB | 25175 spike pest             |
| 29   | Sample | 28   | 25175SDP | PESTPCB | 25175 spike dupe pest        |
| 30   | Sample | 29   | 25376SP  | PESTPCB | 25376 spike dupe pest        |
| 31   | Sample | 30   | 25376SDP | PESTPCB | 25376 spike dupe pest        |
| 32   | Sample | 31   | 25377SC  | PESTPCB | 25377 spike chlordanane      |
| 33   | Sample | 32   | 25377SDC | PESTPCB | 25377 spike dupe chlordanane |
| 34   | Sample | 1    | HEX2     | PESTPCB | hexane                       |
| 35   | Sample | 33   | 25045    | PESTPCB | sample                       |
| 36   | Sample | 34   | 25156    | PESTPCB | sample                       |
| 37   | Sample | 35   | 25173    | PESTPCB | sample                       |
| 38   | Sample | 36   | 25174    | PESTPCB | sample                       |
| 39   | Sample | 37   | 25175    | PESTPCB | sample                       |
| 40   | Sample | 38   | 25176    | PESTPCB | sample                       |
| 41   | Sample | 39   | 25177    | PESTPCB | sample                       |
| 42   | Sample | 1    | HEX      | PESTPCB | hex                          |

Last Modified: Fri Nov 23 16:57:15 2001

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|           |          |                |
|-----------|----------|----------------|
| 43 Sample | 40 25178 | PESTPCB sample |
|-----------|----------|----------------|

Sequence Name: C:\HPCHEM\1\SEQUENCE\508\112101.S

| Line | Type   | Vial | DataFile | Method  | Sample Name      |
|------|--------|------|----------|---------|------------------|
| 44   | Sample | 41   | 25259    | PESTPCB | sample           |
| 45   | Sample | 42   | 25264    | PESTPCB | sample           |
| 46   | Sample | 43   | 25265    | PESTPCB | sample           |
| 47   | Sample | 44   | 25375    | PESTPCB | sample           |
| 48   | Sample | 45   | 2TOXC2   | PESTPCB | tox ccv          |
| 49   | Sample | 46   | 2PESTC2  | PESTPCB | pest ccv         |
| 50   | Sample | 47   | 2CHLC3   | PESTPCB | chlordanane ccv2 |
| 51   | Sample | 48   | 25376    | PESTPCB | sample           |
| 52   | Sample | 49   | 25377    | PESTPCB | sample           |
| 53   | Sample | 50   | 25457    | PESTPCB | sample           |
| 54   | Sample | 51   | 25458    | PESTPCB | sample           |
| 55   | Sample | 52   | 25459    | PESTPCB | sample           |
| 56   | Sample | 53   | 25460    | PESTPCB | sample           |
| 57   | Sample | 54   | 25461    | PESTPCB | sample           |
| 58   | Sample | 55   | 25462    | PESTPCB | sample           |
| 59   | Sample | 56   | 25463    | PESTPCB | sample           |
| 60   | Sample | 57   | 25495    | PESTPCB | sample           |
| 61   | Sample | 58   | 25496    | PESTPCB | sample           |
| 62   | Sample | 59   | 25497    | PESTPCB | sample           |
| 63   | Sample | 60   | PRL1016  | PESTPCB | prl 1016         |
| 64   | Sample | 61   | PRL1221  | PESTPCB | prl 1221         |
| 65   | Sample | 62   | 3TOXC3   | PESTPCB | tox ccv2         |
| 66   | Sample | 63   | 3PESTC3  | PESTPCB | pest ccv2        |
| 67   | Sample | 64   | 3CHLC1   | PESTPCB | chlordanane ccv3 |

Method 608 8081 Pest PCB TCLP

508 test

File Directory C:\HPCHEM\DATA\508

Storage Directory M:\INSTRUMENTS\TCLP

Instrument 105

112101

112101

| Lab # | Filename | Description       | Vial # |      | Inj. | Standards Used - Lot # |           | Remarks   | Initials |
|-------|----------|-------------------|--------|------|------|------------------------|-----------|-----------|----------|
|       |          |                   | front  | rear |      | Calibration            | Reference | Surrogate |          |
|       | 1121END  | endrin cleanup    | 1      |      | 2    |                        | 1866 C    |           | AN       |
|       | 1121LPC  | epc               | 2      |      |      |                        | 19576     |           |          |
|       | PC3      | put C3            | 3      |      |      | 19682/20646            |           |           |          |
|       | Chl Ca   | allodan cov       | 4      |      |      | 18682/20646            |           |           |          |
|       | Top U    | fox icl           | 5      |      |      | 18099/20646            |           |           |          |
|       | 2        | 2                 | 6      |      |      |                        |           |           |          |
|       | 3        | 3                 | 7      |      |      |                        |           |           |          |
|       | Top UR   | fox unventil      | 8      |      |      |                        | 1992a     |           |          |
|       | Pest U   | put icl           | 9      |      |      | 19682/20646            |           |           |          |
|       | 2        | 2                 | 10     |      |      |                        |           |           |          |
|       | 3        | 3                 | 11     |      |      |                        |           |           |          |
|       | Pest UR  | put unventil      | 12     |      |      |                        | 2062 C    |           |          |
|       | 1021LB   | lab blk           | 13     |      |      |                        | 2064 C    |           |          |
|       | 1024LB   |                   | 14     |      |      |                        |           |           |          |
|       | 1025LB   |                   | 15     |      |      |                        |           |           |          |
|       | 1022Ref  | ref chl           | 16     |      |      |                        | 1993      |           |          |
|       | 1024Ref  | ref fox           | 17     |      |      |                        | 1992      |           |          |
|       | 1025Ref  | ref pest          | 18     |      |      |                        | 2062a     |           |          |
|       | PRL1284  | ARL RT4           | 19     |      |      |                        | 1505      |           |          |
|       | 25042    | sample            | 20     |      |      |                        |           |           |          |
|       | 25043    |                   | 21     |      |      |                        |           |           |          |
|       | 25044    |                   | 22     |      |      |                        |           |           |          |
|       | 25047    |                   | 23     |      |      |                        |           |           |          |
|       | 25048    |                   | 24     |      |      |                        |           |           |          |
|       | 25174ST  | spike fox         | 25     |      |      |                        | 1992      |           |          |
|       | 25174SD  | spike cleanup fox | 26     |      |      |                        |           |           |          |
|       | 25175SP  | spike pest        | 27     |      |      |                        | 2062a     |           |          |

Date 11/21/01

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Extraction date 10/22, 24, 25/01

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Method 608 8081 Pest PCB TCLP JSP test  
 Instrument 105

 File Directory C:\HPChem\1 Data\ JSP  
11/21/01

 Storage Directory M:\Instruments\105\Data\ JSP  
11/21/01

| Lab # | Filename | Description     | Vial # |      | Inj. | Calibration                       | Standards Used - Lot # |           | Remarks | Initials |
|-------|----------|-----------------|--------|------|------|-----------------------------------|------------------------|-----------|---------|----------|
|       |          |                 | front  | rear |      |                                   | Reference              | Surrogate |         |          |
|       | 25177JSP | spike dupc pest | 28     |      | 2    |                                   | 20622                  | 20640     |         | YN       |
|       | 25176SP  | spike pest      | 29     |      |      |                                   | ↓                      | ↓         |         |          |
|       | 25176SDP | spike dupc pest | 30     |      |      |                                   | ↓                      | ↓         |         |          |
|       | 253275C  | spike chl       | 31     |      |      |                                   | 1995                   | ↓         |         |          |
|       | 25327SDC | spike dupc chl  | 32     |      |      |                                   | ↓                      | ↓         |         |          |
|       | #42      | bas             | 1      |      |      |                                   |                        |           |         |          |
|       | 25045    | sample          | 33     |      |      |                                   |                        | 20640     |         |          |
|       | 25156    |                 | 34     |      |      |                                   |                        |           |         |          |
|       | 25173    |                 | 35     |      |      |                                   |                        |           |         |          |
|       | 25174    |                 | 36     |      |      |                                   |                        |           |         |          |
|       | 25175    |                 | 37     |      |      |                                   |                        |           |         |          |
|       | 25176    |                 | 38     |      |      |                                   |                        |           |         |          |
|       | 25177    |                 | 39     |      |      |                                   |                        |           |         |          |
|       | #42      | bas             | 1      |      |      |                                   |                        |           |         |          |
|       | 25178    | sample          | 40     |      |      |                                   |                        | 20640     |         |          |
|       | 25259    |                 | 41     |      |      |                                   |                        |           |         |          |
|       | 25264    |                 | 42     |      |      |                                   |                        |           |         |          |
|       | 25265    |                 | 43     |      |      |                                   |                        |           |         |          |
|       | 25325    |                 | 44     |      |      |                                   |                        |           |         |          |
|       | 25092    | ter cov 1       | 45     |      |      | 18099/20646                       |                        |           | } cov   |          |
|       | 25092    | pest cov 1      | 46     |      |      | 19682/20646                       |                        |           |         |          |
|       | 25092    | chl cov 2       | 47     |      |      | <del>19682/20646</del> 1868/20646 |                        |           |         |          |
|       | 25376    | sample          | 48     |      |      |                                   |                        | 20640     |         |          |
|       | 25377    |                 | 49     |      |      |                                   |                        |           |         |          |
|       | 25452    |                 | 50     |      |      |                                   |                        |           |         |          |
|       | 25458    |                 | 51     |      |      |                                   |                        |           |         |          |
|       | 25459    |                 | 52     |      |      |                                   |                        |           |         |          |
|       | 25460    |                 | 53     |      |      |                                   |                        |           |         |          |

 Date 11/21/01

 Extraction date 10/22, 24, 25/01

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Storage Directory M:\Instruments\105\Data\112101

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User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:45:33

Sample: AD25376  
Analysis: \$ED508 Organochlorine Pesticides  
Units: ug  
Started: 10/25/01 12:44 Ended: 11/21/01 12:44 Analyst: MN  
Page: 1

|   | Component Name | Viol | Result | Qualifier | MDL |
|---|----------------|------|--------|-----------|-----|
| 1 | Endrin         |      | 13     |           | 0.1 |
| 2 | DDT            |      |        |           | 0.1 |

Signal #1 : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD1A.CH Vial: 2  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD2B.CH  
 Acq On : 21 Nov 2001 10:49 am Operator: Nefliu  
 Sample : endrin decomposition Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
 Quant Time: Nov 21 11:22 2001 Quant Results File: PESTPCB.RES

Quant Method : C:\HPCHEM\1\METHODS\PESTPCB.M (Chemstation Integrator)  
 Title : nonpotable pesticides 11/17/99  
 Last Update : Mon Mar 26 15:57:53 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 |   |
|-------|------------------|--------|--------|--------|--------|--------|--------|---|
| ----- |                  |        |        |        |        |        |        |   |
|       | Target Compounds |        |        |        |        |        |        |   |
| 1)    | TCMX             | 11.73f | 0.00   | 2478   | 0      | 0.085  | N.D.   | # |
| 3)    | g-BHC            | 15.89  | 0.00   | 1436   | 0      | 0.154  | N.D.   | # |
| 4)    | Heptachlor       | 16.39f | 0.00   | 2528   | 0      | 0.244  | N.D.   | # |
| 7)    | d-BHC            | 18.87f | 0.00   | 144836 | 0      | 1.551  | N.D.   | # |
| 8)    | Heptachlor Epoxi | 19.21  | 19.27  | 3520   | 6447   | N.D.   | 0.545  |   |
| 11)   | Dieldrin         | 20.79  | 0.00   | 127934 | 0      | 2.206  | N.D.   | # |
| 14)   | Endosulfan 2     | 22.47  | 22.37  | 9107   | 330615 | N.D.   | 40.199 |   |
| 15)   | 4,4-DDT          | 23.74f | 23.00  | 29628  | 1410   | 5.842  | 4.020  | # |
| 16)   | Endrin Aldehyde  | 24.45  | 23.36  | 1190   | 314722 | N.D.   | 8.668  |   |
| 18)   | Methoxychlor     | 26.61  | 25.08f | 51700  | 497    | 5.741  | 1.160  | # |

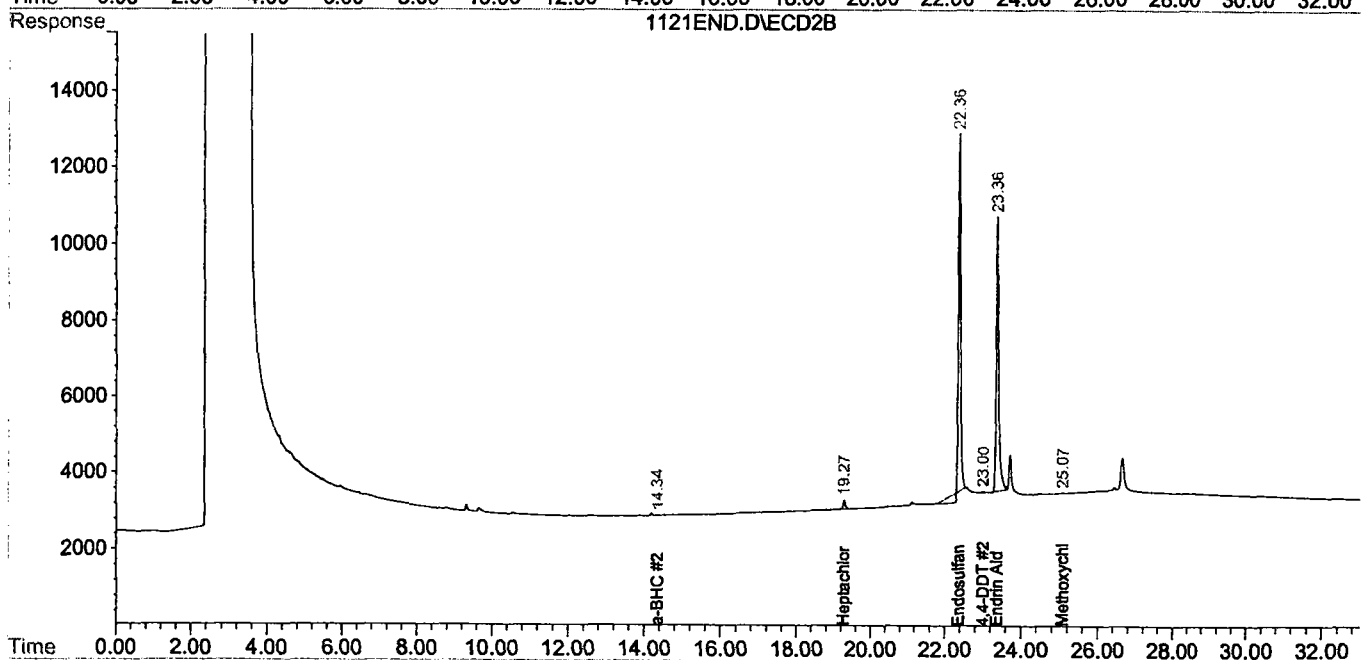
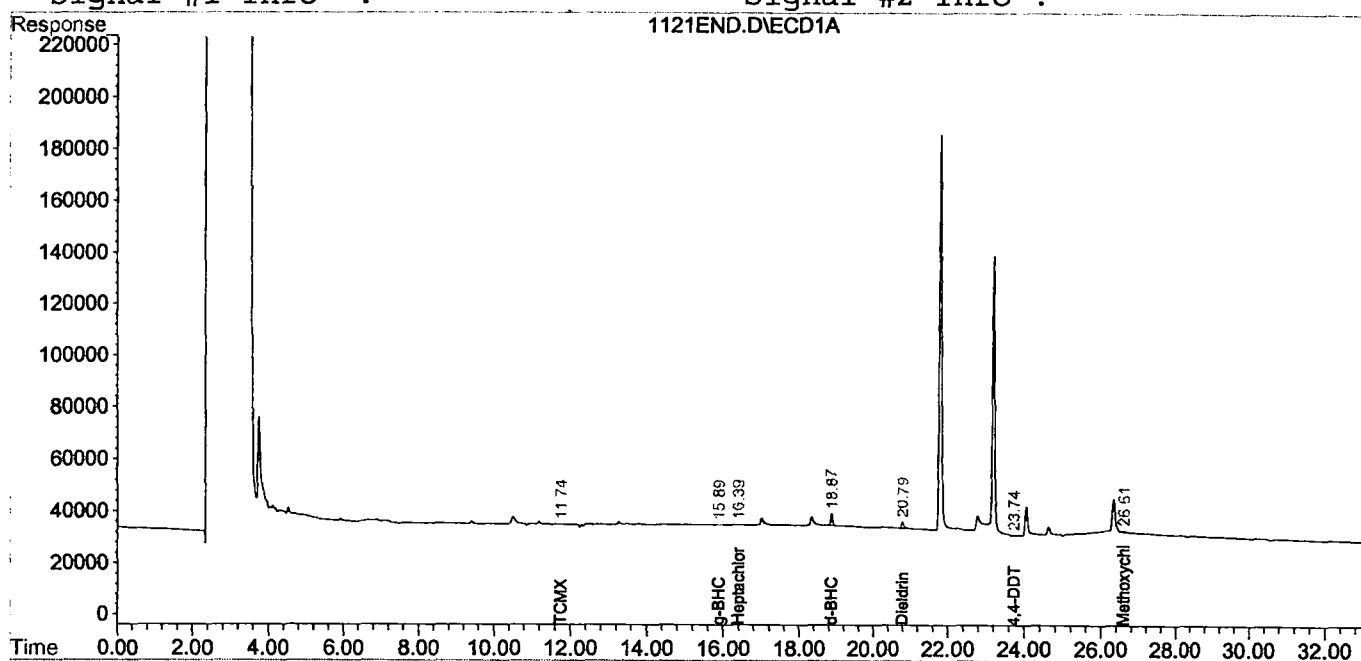
*endrin breakdown = 13%*

# Quantitation Report

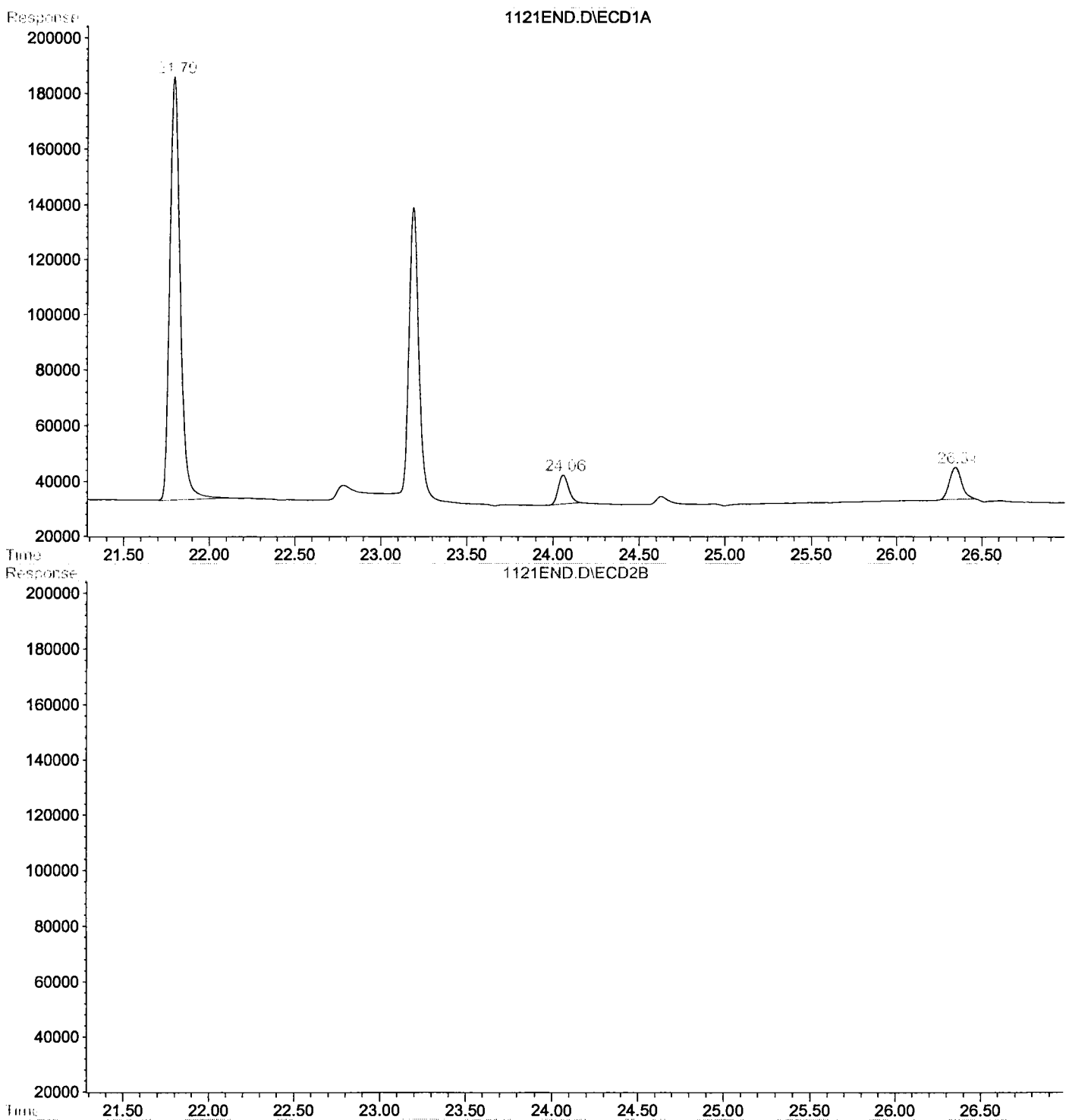
Signal #1 : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD1A.CH Vial: 2  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD2B.CH  
 Acq On : 21 Nov 2001 10:49 am Operator: Nefliu  
 Sample : endrin decomposition Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 21 11:22 2001 Quant Results File: PESTPCB.RES

Quant Method : C:\HPCHEM\1\METHODS\PESTPCB.M (Chemstation Integrator)  
 Title : nonpotable pesticides 11/17/99  
 Last Update : Mon Mar 26 15:57:53 2001  
 Response via : Single Level Calibration  
 DataAcq Meth : PESTPCB.M

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



File : C:\HPCHEM\1\DATA\508\112101\1121END.D  
 Operator : Nefliu  
 Acquired : 21 Nov 2010 10:49 am using AcqMethod PESTPCB.M  
 Instrument : 105  
 Sample Name: endrin decomposition  
 Misc Info :  
 Vial Number: 2



## Area Percent Report

Data File : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD1A.CH Vial: 2  
Acq On : 21 Nov 2010 10:49 am Operator: Nefliu  
Sample : endrin decomposition Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\1121END.D\ECD2B.CH Vial: 2  
Acq On : 21 Nov 101 10:49 am Operator: Nefliu  
Sample : endrin decomposition Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 21.793      | 21.707       | 22.096     | M        | 152627         | 6514292      | 100.00%        | 86.436%       |
| 2         | 24.057      | 23.972       | 24.163     | M        | 10574          | 442355       | 6.79%          | 5.869%        |
| 3         | 26.343      | 26.260       | 26.455     | M        | 11656          | 579889       | 8.90%          | 7.694%        |

Sum of corrected areas: 7536536

Signal #2 1121END.D\ECD2B

Sum of corrected areas: 0

1121END.D 112601P.M Wed Nov 28 10:22:24 2001

User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:47:09

Sample: AD25376  
Analysis: \$B1508 Organochlorine Pesticides Lab Blank  
Units: ug  
Started: 10/25/01 12:44 Ended: 11/21/01 12:44 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       |      | 0.17   |           |       |

## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
 Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
 Sample : 10/25 lab blk Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
 Acq On : 21 Nov 101 7:39 pm Operator: Nefliu  
 Sample : 10/25 lab blk Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 10:20 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Nov 26 11:49:17 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.52 | 21.79 | 2600127  | 150725 | 0.161m | 0.170m |
|       | Spiked Amount    | 0.200 |       | Recovery | =      | 80.50% | 85.00% |

## Target Compounds

|    |                  |        |      |        |   |       |      |    |
|----|------------------|--------|------|--------|---|-------|------|----|
| 1) | Propachlor       | 14.14  | 0.00 | 1547   | 0 | 0.001 | N.D. | #  |
| 2) | g-BHC            | 16.37  | 0.00 | 68     | 0 | 0.000 | N.D. | #  |
| 3) | Heptachlor       | 17.00  | 0.00 | 156798 | 0 | 0.004 | N.D. | #  |
| 4) | Aldrin           | 17.65f | 0.00 | 3377   | 0 | 0.000 | N.D. | #  |
| 5) | Heptachlor Epoxi | 19.40f | 0.00 | 5578   | 0 | 0.000 | N.D. | d# |
| 6) | 4,4-DDE          | 20.75  | 0.00 | 295    | 0 | 0.000 | N.D. | #  |
| 7) | Dieldrin         | 21.25  | 0.00 | 562    | 0 | 0.000 | N.D. | #  |
| 8) | Endrin           | 21.94f | 0.00 | 61140  | 0 | 0.003 | N.D. | #  |
| 9) | Methoxychlor     | 24.85  | 0.00 | 13163  | 0 | 0.003 | N.D. | #  |

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

1025LB.D 112601P.M Wed Nov 28 10:20:35 2001

Page 1

## Quantitation Report

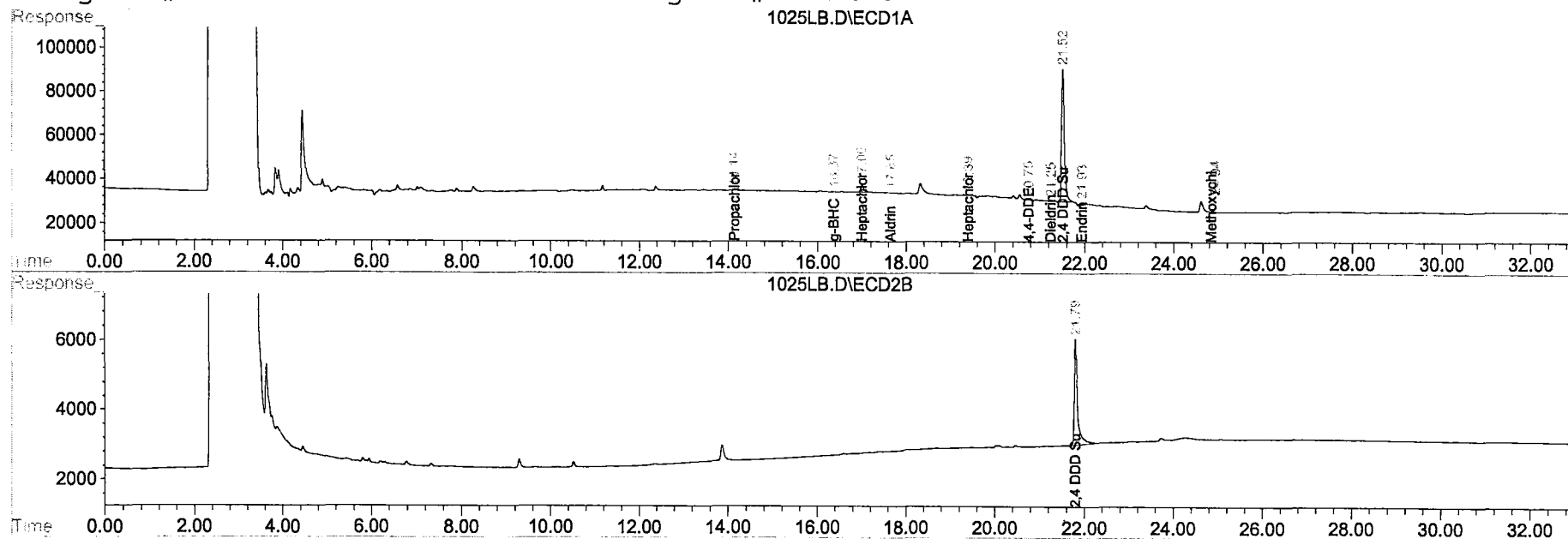
Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
Acq On : 21 Nov 101 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 10:20 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Nov 26 11:49:17 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
Acq On : 21 Nov 10 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 11:40 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 11:37:36 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.52 | 21.79 | 2614877  | 136368 | 0.139m | 0.165m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 69.50% | 82.50% |

Target Compounds

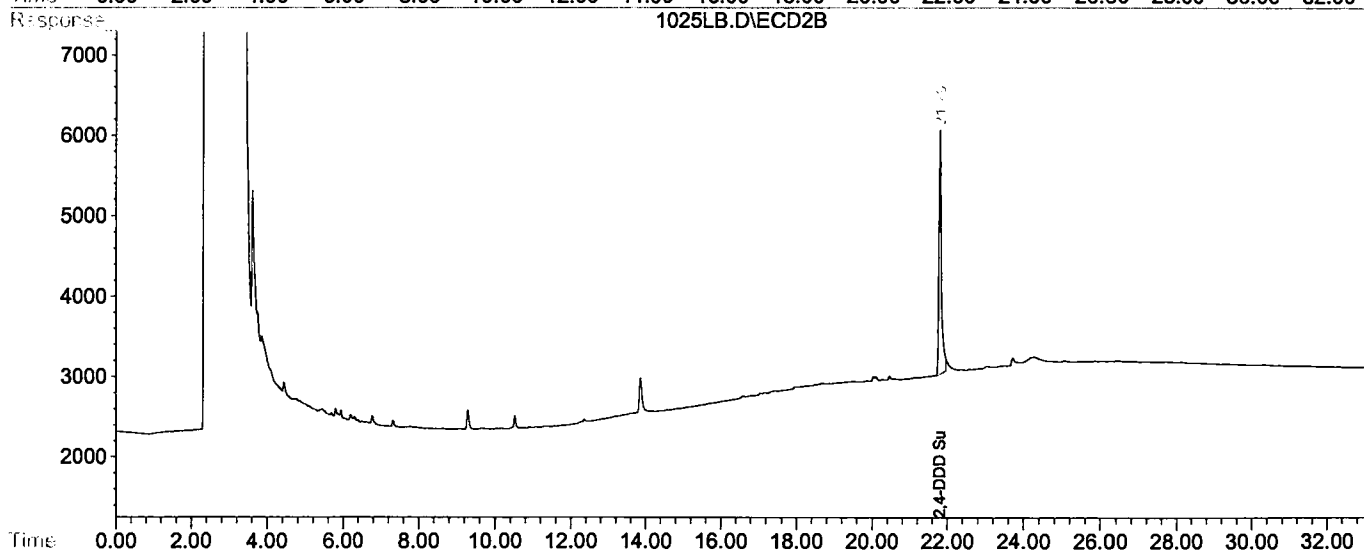
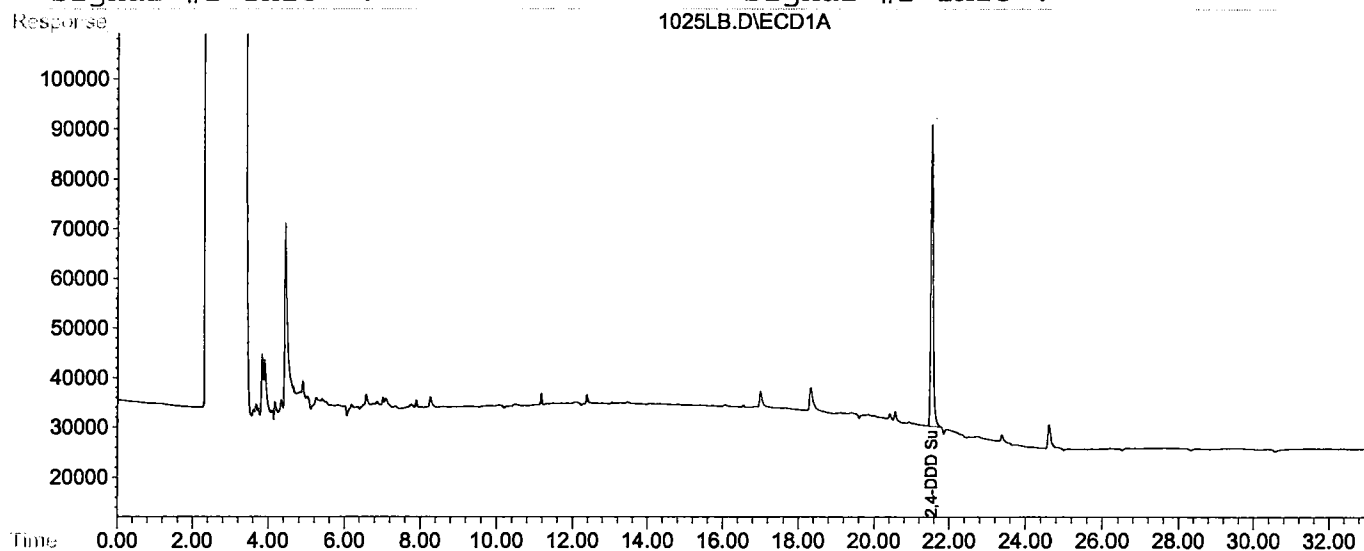
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
 Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
 Sample : 10/25 lab blk Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
 Acq On : 21 Nov 10 7:39 pm Operator: Nefliu  
 Sample : 10/25 lab blk Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 11:40 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 11:37:36 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
Acq On : 21 Nov 101 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:24 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.52 | 21.80 | 2599627  | 148167 | 0.157m | 0.157   |
| Spiked Amount 0.200         |       |       | Recovery | =      | 78.50% | 78.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) Chlordane 1              | 20.00 | 16.59 | 7511     | 886    | 0.009  | 0.011m# |
| 2) Chlordane 2              | 20.41 | 20.03 | 37008    | 1857   | 0.011  | 0.010m  |
| 3) Chlordane 3              | 20.55 | 20.46 | 66854    | 1548   | 0.016m | 0.008m# |

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

1025LB.D 111701C.M Wed Nov 28 13:24:31 2001

Page 1

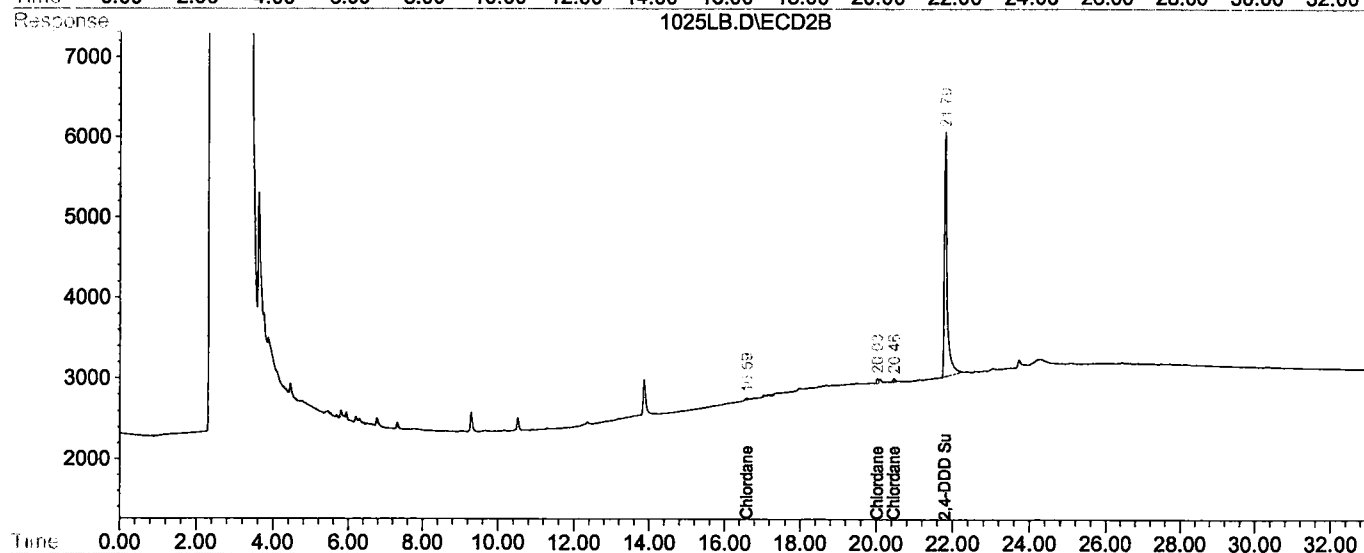
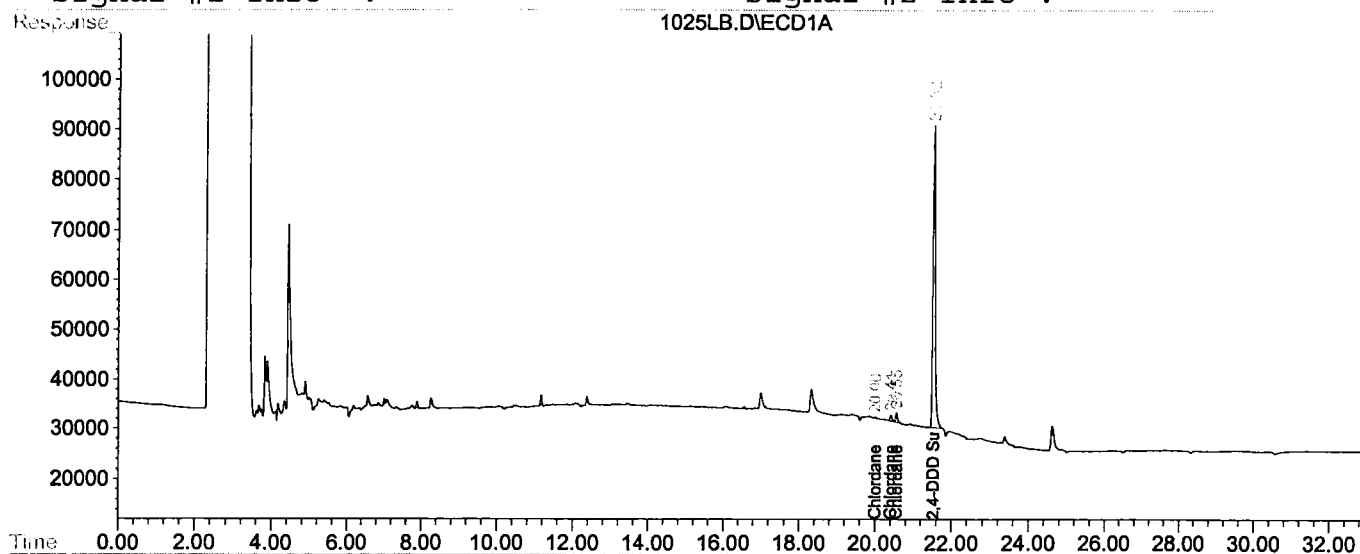
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD1A.CH Vial: 15  
Acq On : 21 Nov 2010 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\1025LB.D\ECD2B.CH Vial: 15  
Acq On : 21 Nov 10 7:39 pm Operator: Nefliu  
Sample : 10/25 lab blk Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:24 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:46:11

Sample: AD25376  
Analysis: \$C1508 Pesticides CCV1  
Units: ug  
Started: 10/25/01 12:44 Ended: 11/21/01 12:44 Analyst: MN  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 103    |           | 0.040 |
| 2  | Lindane            |      | 98     |           | 0.030 |
| 3  | Heptachlor         |      | 105    |           | 0.020 |
| 4  | Aldrin             |      | 100    |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 110    |           | 0.030 |
| 6  | 4,4-DDE            |      | 105    |           | 0.080 |
| 7  | Dieldrin           |      | 106    |           | 0.016 |
| 8  | Endrin             |      | 105    |           | 0.020 |
| 9  | Methoxychlor       |      | 99     |           | 0.039 |
| 10 | Chlordane          |      | 106    |           | 0.40  |
| 11 | Toxaphene          |      | 109    |           | 0.40  |
| 12 | PCB's              |      |        |           | 0.20  |
| 13 | Surr_2,4-DDD       |      | 100    |           |       |

Signal #1 : C:\HPCHEM\1\DATA\508\112101\PESTC1.D\ECD1A.CH Vial: 9  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\PESTC1.D\ECD2B.CH  
 Acq On : 21 Nov 2001 3:52 pm Operator: Nefliu  
 Sample : pest ic1 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
 Quant Time: Nov 28 9:17 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Nov 26 11:49:17 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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

## Target Compounds

|    |                  |       |       |         |        |        |             |
|----|------------------|-------|-------|---------|--------|--------|-------------|
| 1) | Propachlor       | 14.23 | 13.67 | 94110   | 6238   | 0.041m | 0.041m 103% |
| 2) | g-BHC            | 16.38 | 16.10 | 3010669 | 114669 | 0.067m | 0.055m 98%  |
| 3) | Heptachlor       | 16.99 | 17.06 | 915270  | 38153  | 0.023m | 0.020m 105% |
| 4) | Aldrin           | 17.77 | 18.01 | 1318285 | 68556  | 0.027m | 0.024 100%  |
| 5) | Heptachlor Epoxi | 19.56 | 19.58 | 2027921 | 117599 | 0.066m | 0.053 110%  |
| 6) | 4,4-DDE          | 20.78 | 21.10 | 3209133 | 128022 | 0.098m | 0.084m 105% |
| 7) | Dieldrin         | 21.24 | 21.37 | 594541  | 40169  | 0.017m | 0.017m 106% |
| 8) | Endrin           | 21.78 | 22.36 | 917354  | 51008  | 0.047m | 0.042m 105% |
| 9) | Methoxychlor     | 24.78 | 25.98 | 356039  | 39759  | 0.079m | 0.079m 99%  |

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

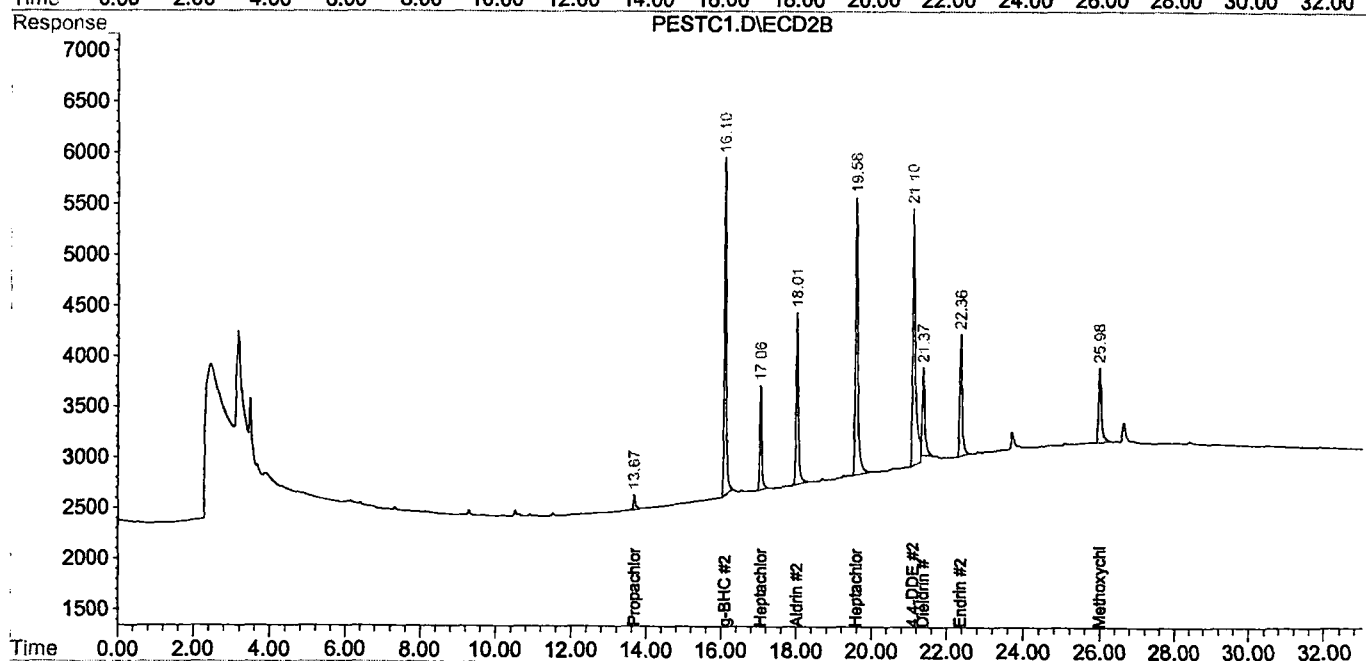
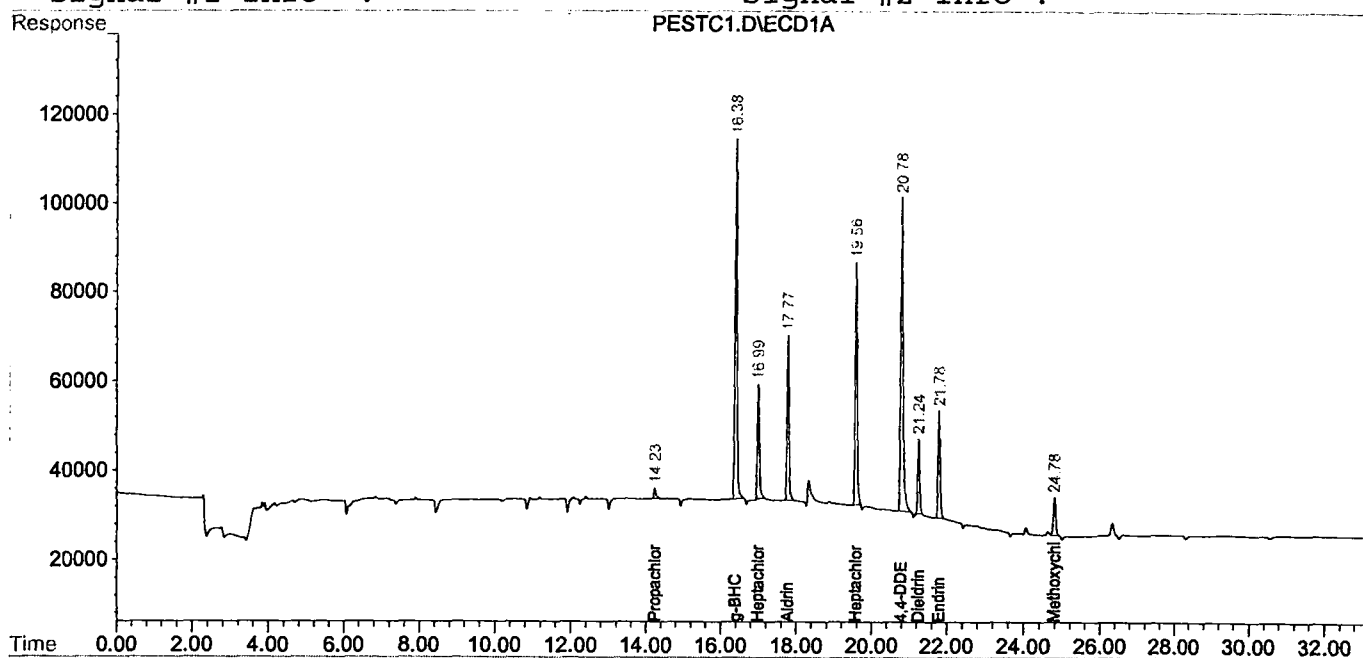
PESTC1.D PCB1260.M Tue Dec 04 11:46:09 2001

Page 1

Signal #1 : C:\HPCHEM\1\DATA\508\112101\PESTC1.D\ECD1A.CH Vial: 9  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\PESTC1.D\ECD2B.CH  
Acq On : 21 Nov 2001 3:52 pm Operator: Nefliu  
Sample : pest ic1 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Nov 28 9:17 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Nov 26 11:49:17 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\CHLC2.D\ECD1A.CH Vial: 4  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\CHLC2.D\ECD2B.CH  
 Acq On : 21 Nov 2001 12:42 pm Operator: Nefliu  
 Sample : chlordan ccv1 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:44 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.52 | 21.80 | 3418141  | 193142 | 0.207m  | 0.205m  |
| Spiked Amount 0.200         |       |       | Recovery | =      | 103.50% | 102.50% |
| Target Compounds            |       |       |          |        |         |         |
| 1) Chlordane 1              | 20.00 | 16.60 | 1367673  | 143792 | 1.586m  | 1.842   |
| 2) Chlordane 2              | 20.42 | 20.03 | 5772795  | 303727 | 1.672m  | 1.665m  |
| 3) Chlordane 3              | 20.56 | 20.46 | 7184432  | 328674 | 1.692m  | 1.691m  |

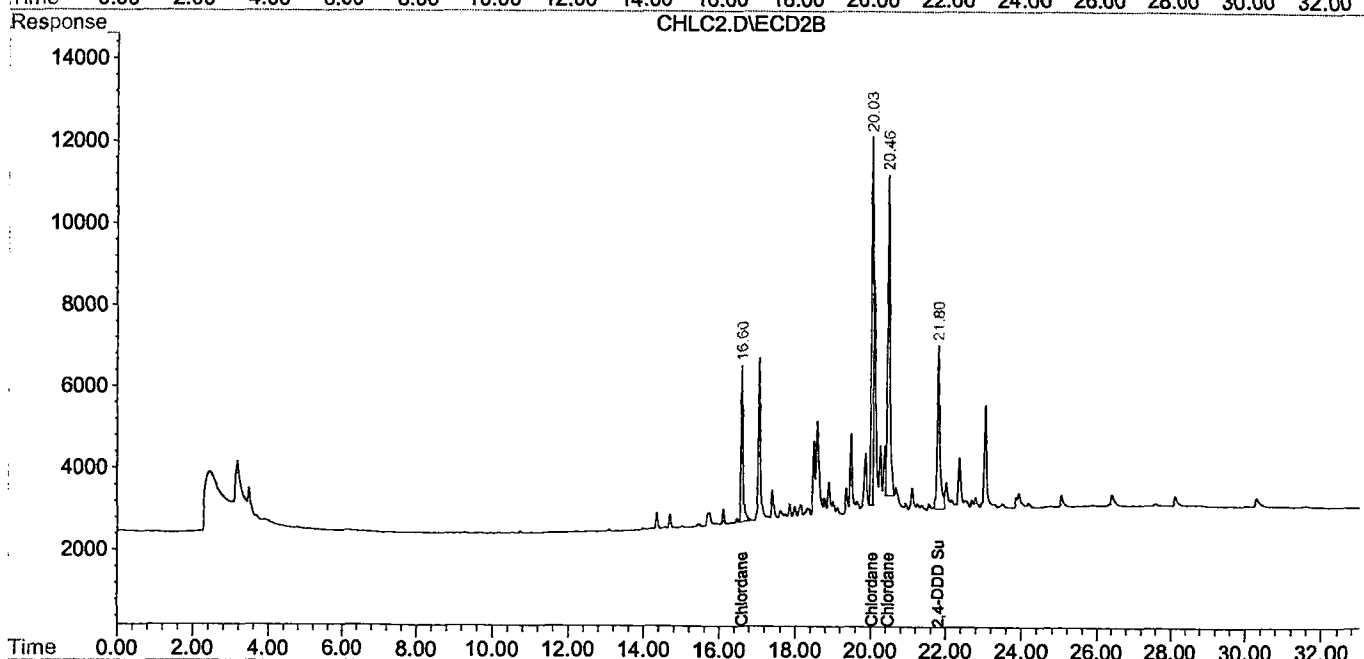
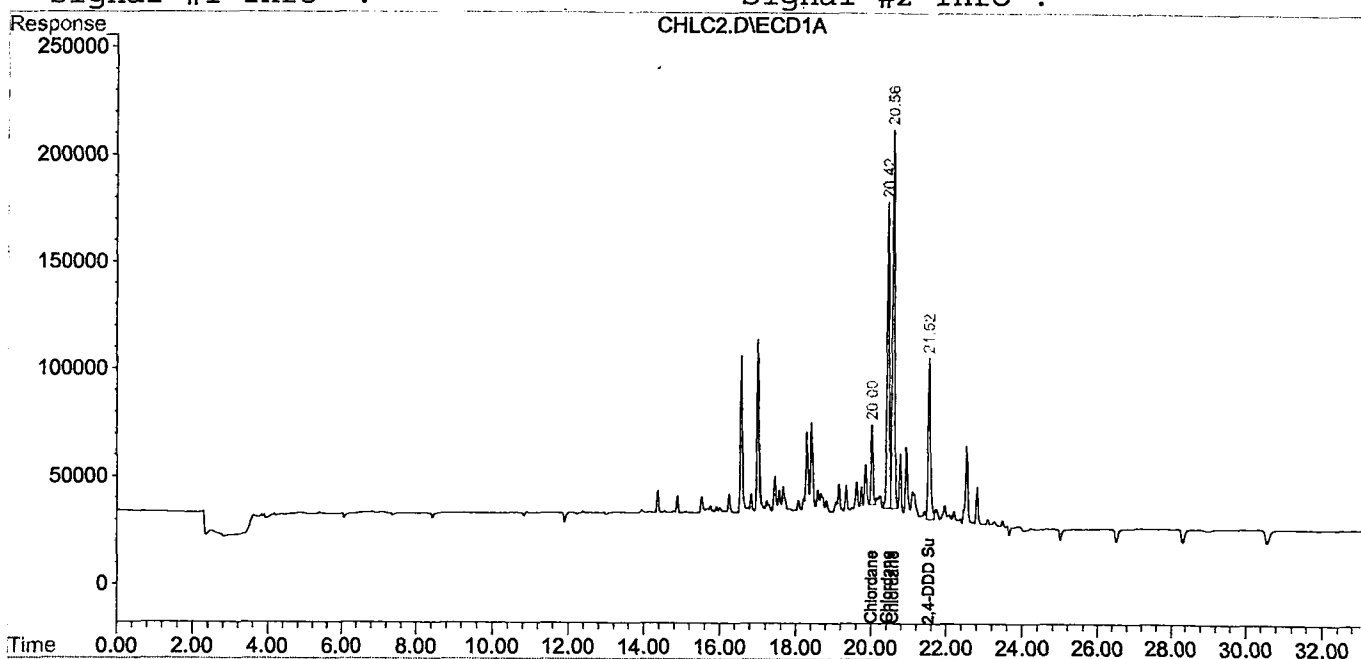
$\bar{x} = 1.7$   
 (106%)

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\CHLC2.D\ECD1A.CH Vial: 4  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\CHLC2.D\ECD2B.CH  
Acq On : 21 Nov 2001 12:42 pm Operator: Nefliu  
Sample : chlordanes ccv1 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:44 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



Signal #1 : C:\HPCHEM\1\DATA\508\112101\TOXC1.D\ECD1A.CH Vial: 5  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\TOXC1.D\ECD2B.CH  
 Acq On : 21 Nov 2001 1:21 pm Operator: Nefliu  
 Sample : tox icl Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 10:48 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 10:42:02 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 20.30 | 0.00 | 1712573  | 0 | 0.130  | N.D.  | # |
|      | Spiked Amount    | 0.200 |      | Recovery | = | 65.00% | 0.00% |   |

## Target Compounds

|    |       |       |       |        |       |        |        |
|----|-------|-------|-------|--------|-------|--------|--------|
| 1) | TOX-1 | 19.06 | 18.82 | 83631  | 3611  | 0.658m | 0.639m |
| 2) | TOX-2 | 22.33 | 20.10 | 138535 | 5283  | 0.667m | 0.723m |
| 3) | TOX-3 | 22.92 | 23.45 | 130466 | 14938 | 0.772m | 0.715m |
| 4) | TOX-4 | 23.74 | 25.26 | 291812 | 18011 | 0.730m | 0.646m |
| 5) | TOX-5 | 24.84 | 25.44 | 255533 | 14640 | 0.696  | 0.600m |

$$\bar{x} = 0.70$$

$$(109\%)$$

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

TOXC1.D PCB1260.M Tue Dec 04 11:46:32 2001

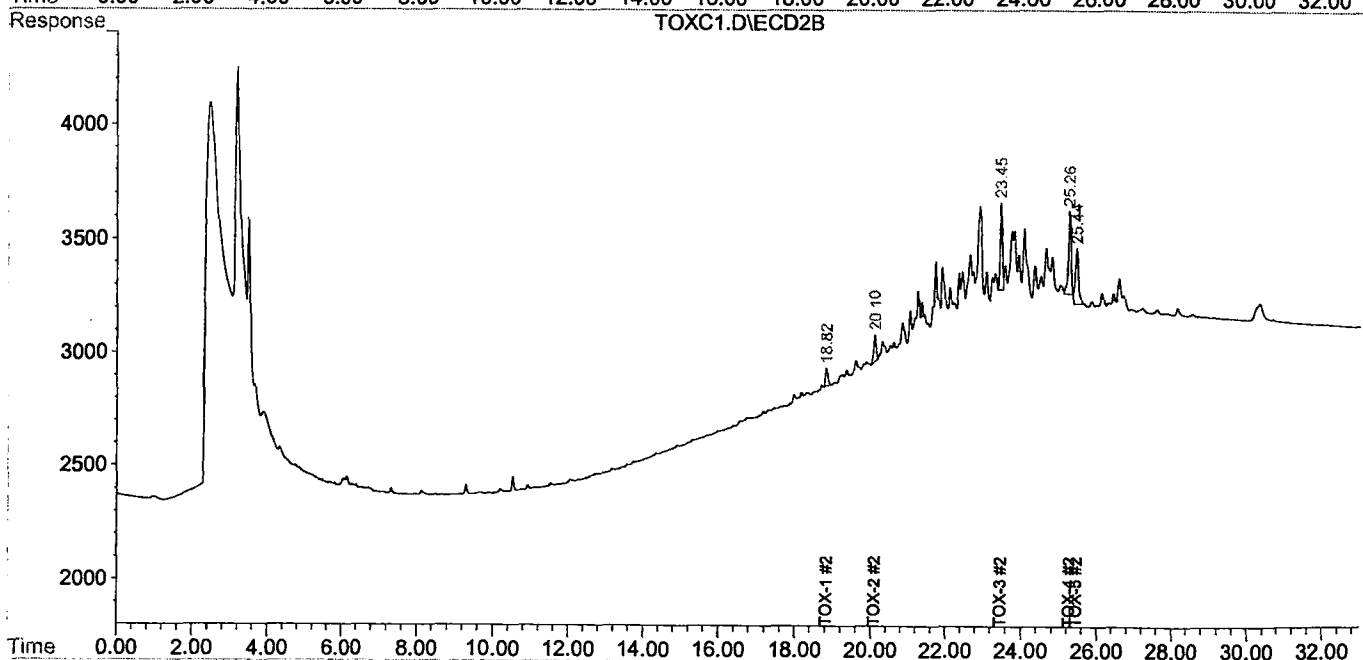
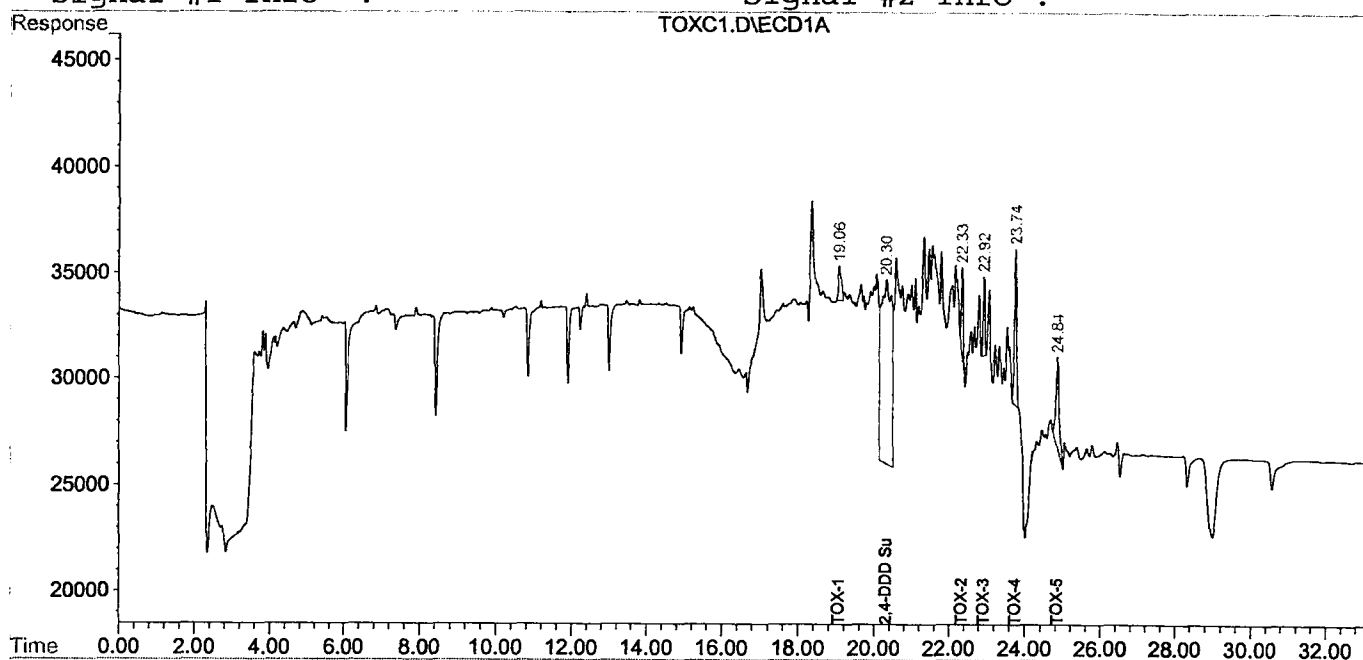
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\TOXC1.D\ECD1A.CH Vial: 5  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\TOXC1.D\ECD2B.CH  
Acq On : 21 Nov 2001 1:21 pm Operator: Nefliu  
Sample : tox ic1 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Nov 28 10:48 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 10:42:02 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:46:52

Sample: AD25376  
Analysis: \$C2508 Pesticides CCV2  
Units: ug  
Started: 10/25/01 12:44 Ended: 11/21/01 12:44 Analyst: MN  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 114    |           | 0.040 |
| 2  | Lindane            |      | 115    |           | 0.030 |
| 3  | Heptachlor         |      | 100    |           | 0.020 |
| 4  | Aldrin             |      | 108    |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 104    |           | 0.030 |
| 6  | 4,4-DDE            |      | 96     |           | 0.080 |
| 7  | Dieldrin           |      | 111    |           | 0.016 |
| 8  | Endrin             |      | 103    |           | 0.020 |
| 9  | Methoxychlor       |      | 92     |           | 0.039 |
| 10 | Chlordane          |      | 113    |           | 0.40  |
| 11 | Toxaphene          |      | 100    |           | 0.40  |
| 12 | PCB's              |      |        |           | 0.20  |
| 13 | Surr_2,4-DDD       |      | 100    |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\3PESTC3.D\ECD1A.CH Vial: 63  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\3PESTC3.D\ECD2B.CH  
 Acq On : 24 Nov 2001 2:25 am Operator: Nefliu  
 Sample : pest ccv2 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
 Quant Time: Nov 28 11:29 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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

## Target Compounds

|    |                  |       |       |          |         |        |               |
|----|------------------|-------|-------|----------|---------|--------|---------------|
| 1) | Propachlor       | 14.24 | 13.69 | 829886   | 69509   | 0.358  | 0.455 # 114/. |
| 2) | g-BHC            | 16.40 | 16.12 | 22584171 | 1345614 | 0.500  | 0.646 # 115/. |
| 3) | Heptachlor       | 17.01 | 17.08 | 6282407  | 354513  | 0.157  | 0.190 100/.   |
| 4) | Aldrin           | 17.79 | 18.04 | 10379141 | 746321  | 0.216  | 0.262 108/.   |
| 5) | Heptachlor Epoxi | 19.59 | 19.60 | 14049684 | 1113643 | 0.456  | 0.500 104/.   |
| 6) | 4,4-DDE          | 20.80 | 21.12 | 22220940 | 1159355 | 0.677  | 0.765m 96/.   |
| 7) | Dieldrin         | 21.27 | 21.39 | 5196719  | 430106  | 0.146  | 0.177m 111/.  |
| 8) | Endrin           | 21.81 | 22.38 | 7452703  | 498665  | 0.381  | 0.412 103/.   |
| 9) | Methoxychlor     | 24.81 | 26.01 | 3543624  | 369994  | 0.782m | 0.737 92/.    |

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

3PESTC3.D PCB1260.M Tue Dec 04 11:45:22 2001

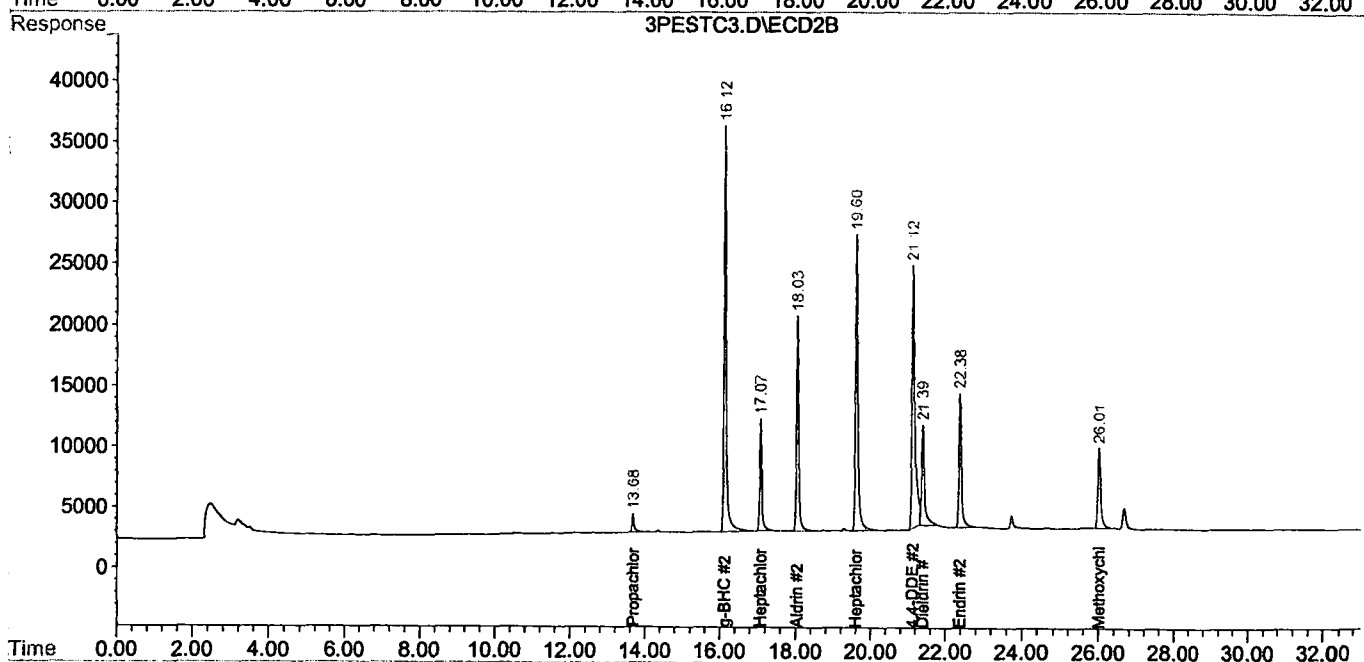
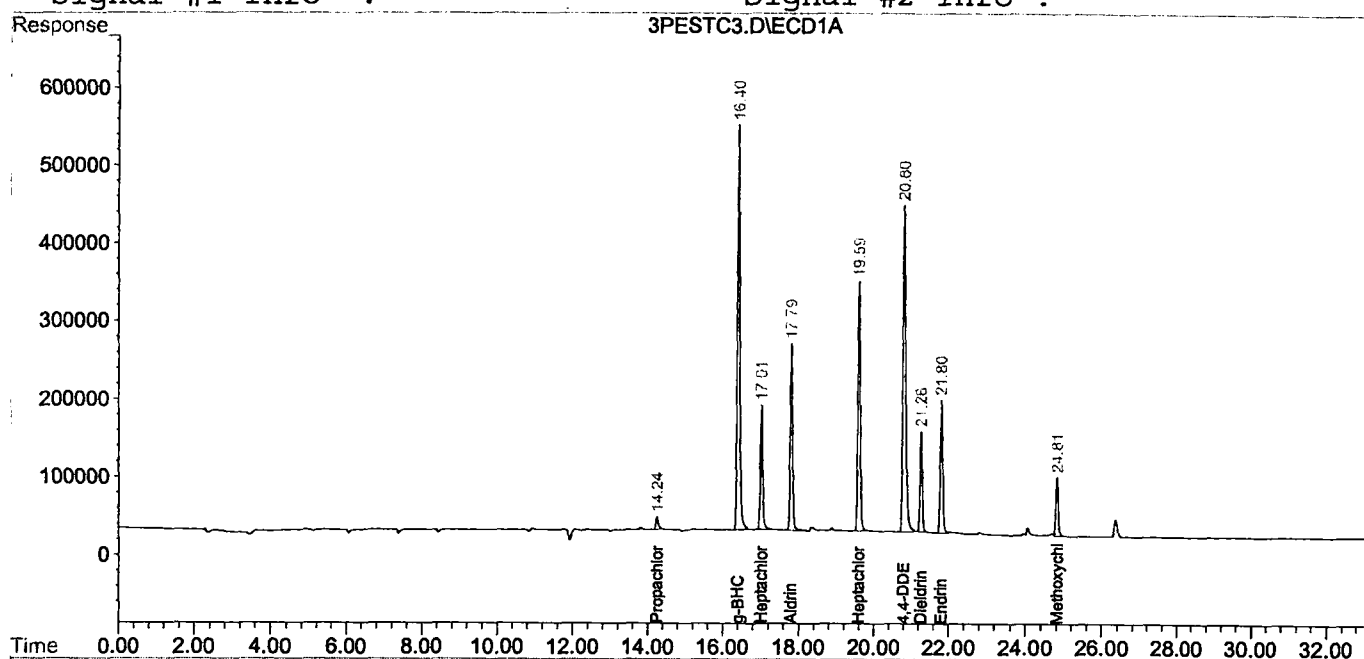
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\3PESTC3.D\ECD1A.CH Vial: 63  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\3PESTC3.D\ECD2B.CH  
Acq On : 24 Nov 2001 2:25 am Operator: Nefliu  
Sample : pest ccv2 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Nov 28 11:29 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\3CHLC1.D\ECD1A.CH Vial: 64  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\3CHLC1.D\ECD2B.CH  
Acq On : 24 Nov 2001 3:02 am Operator: Nefliu  
Sample : chlordanes ccv3 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:55 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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

## Target Compounds

|    |             |       |       |         |       |        |         |
|----|-------------|-------|-------|---------|-------|--------|---------|
| 1) | Chlordane 1 | 20.02 | 16.62 | 339535  | 43350 | 0.394m | 0.555 # |
| 2) | Chlordane 2 | 20.44 | 20.06 | 1605101 | 90521 | 0.465m | 0.496m  |
| 3) | Chlordane 3 | 20.57 | 20.48 | 2083094 | 93830 | 0.491m | 0.483m  |

$\bar{x} = 0.45$   
(113% /

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

3CHLC1.D PCB1260.M Tue Dec 04 12:19:26 2001

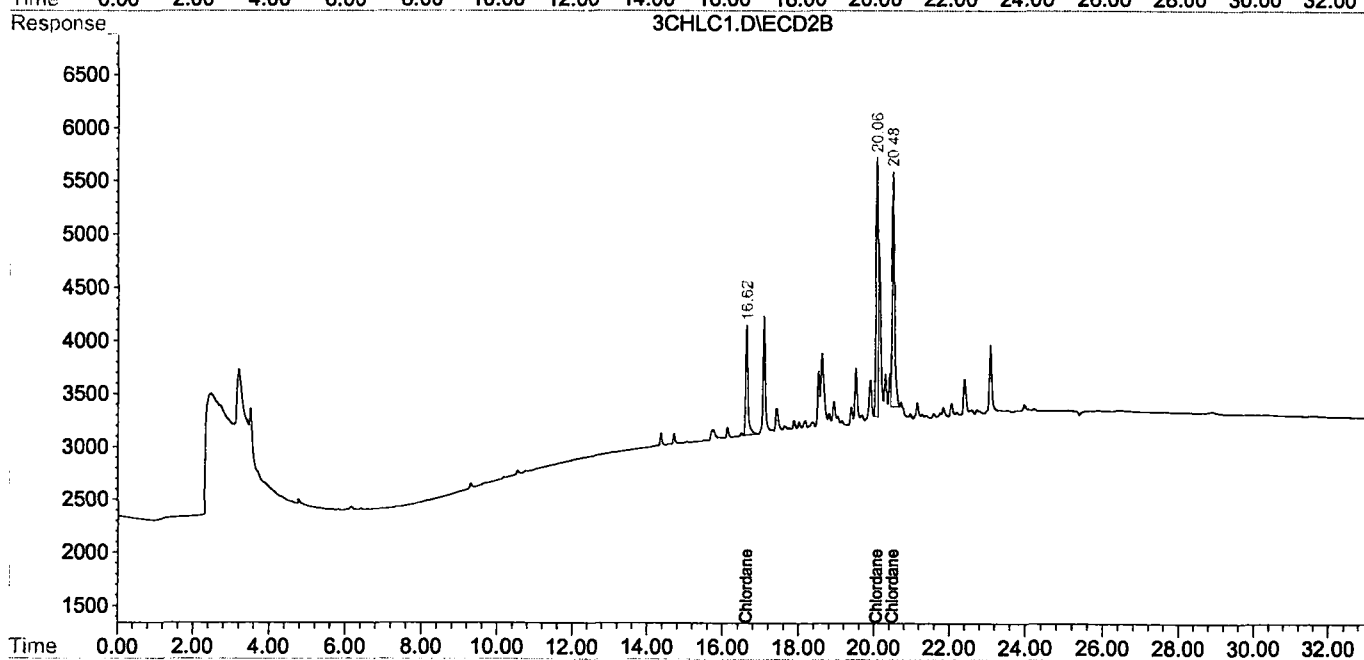
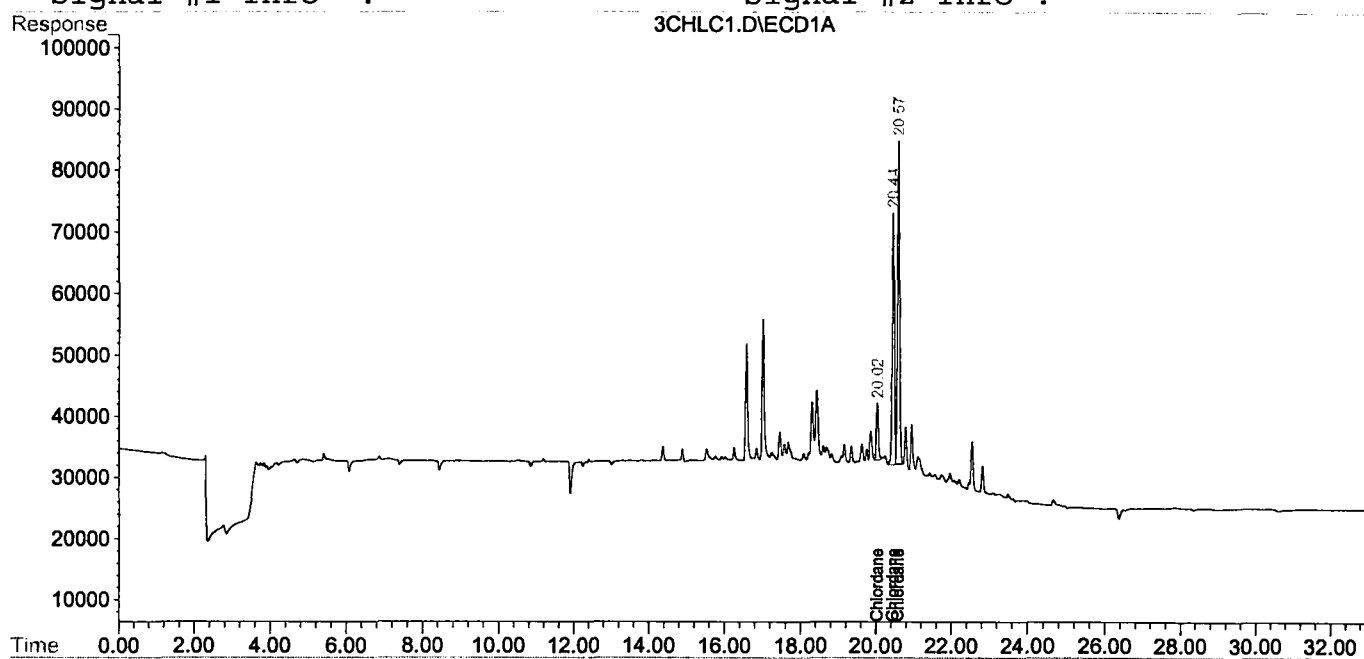
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\3CHLC1.D\ECD1A.CH Vial: 64  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\3CHLC1.D\ECD2B.CH  
Acq On : 24 Nov 2001 3:02 am Operator: Nefliu  
Sample : chlordanes ccv3 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:55 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\3TOXC3.D\ECD1A.CH Vial: 62  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\3TOXC3.D\ECD2B.CH  
 Acq On : 24 Nov 2001 1:47 am Operator: Nefliu  
 Sample : tox ccv2 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 13:13 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.46 | 0.00  | 7560579  | 0      | 0.383   | N.D. d# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 191.50% | 0.00%   |
| Target Compounds            |       |       |          |        |         |         |
| 1) TOX-1                    | 19.07 | 18.84 | 751377   | 42481  | 5.908m  | 7.519m# |
| 2) TOX-2                    | 22.35 | 20.11 | 1322936  | 52379  | 6.371m  | 7.166m  |
| 3) TOX-3                    | 22.94 | 23.47 | 1028302  | 142594 | 6.083m  | 6.828m  |
| 4) TOX-4                    | 23.76 | 25.28 | 2629710  | 217382 | 6.576m  | 7.796   |
| 5) TOX-5                    | 24.86 | 25.47 | 2529432  | 212249 | 6.894m  | 8.699m# |

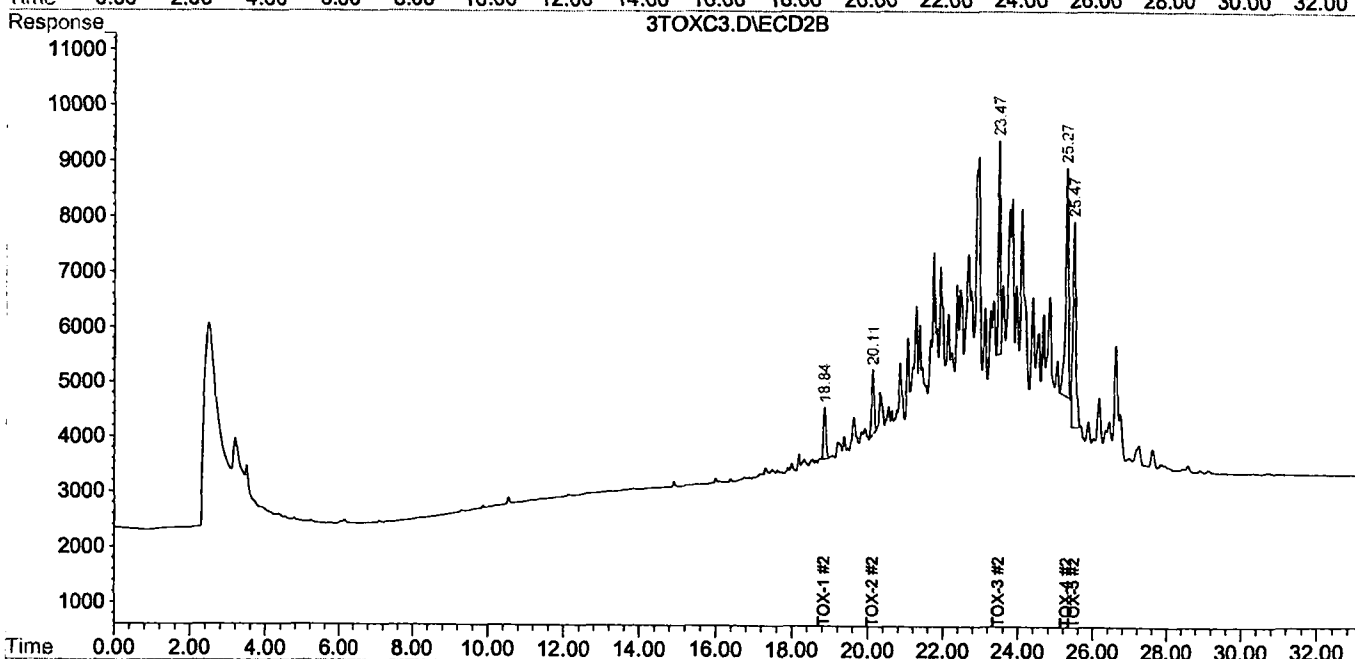
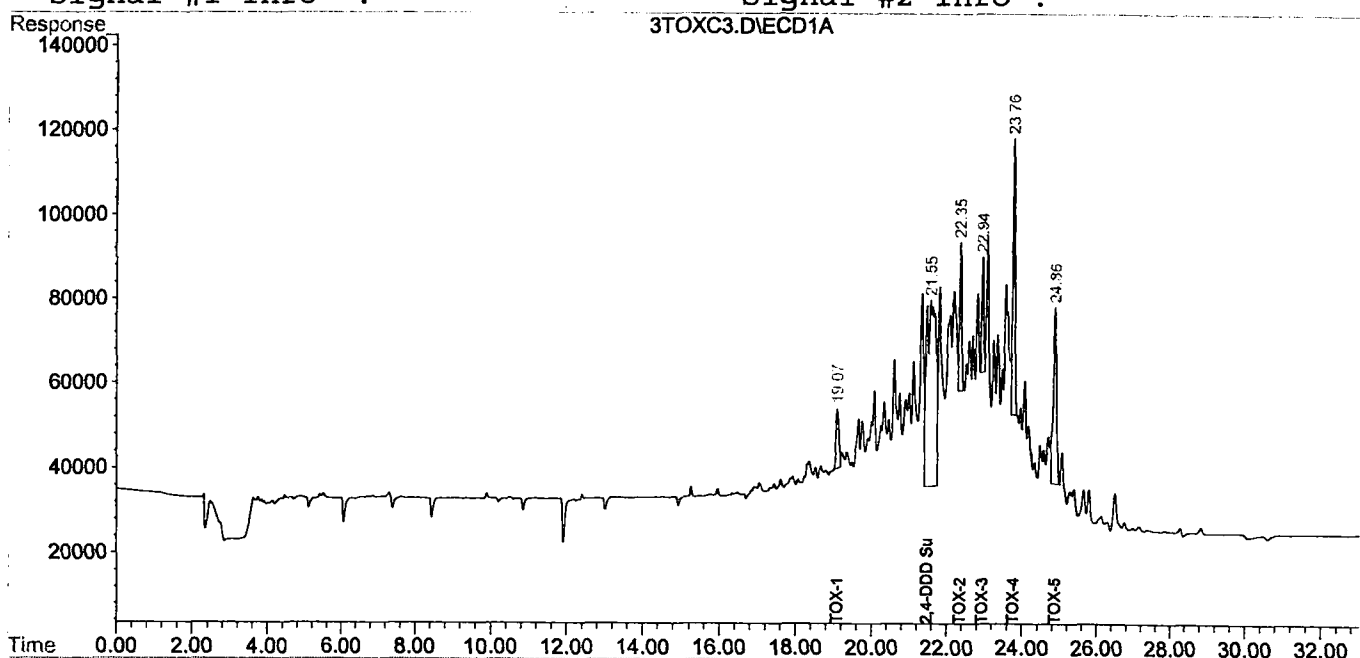
$\bar{x} = 6.4$   
 (100%)

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\3TOXC3.D\ECD1A.CH Vial: 62  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\3TOXC3.D\ECD2B.CH  
 Acq On : 24 Nov 2001 1:47 am Operator: Nefliu  
 Sample : tox ccv2 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 13:13 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Signal #1 : C:\HPCHEM\1\DATA\508\112101\2PESTC2.D\ECD1A.CH Vial: 46  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\2PESTC2.D\ECD2B.CH  
 Acq On : 23 Nov 2001 2:54 pm Operator: Nefliu  
 Sample : pest ccv Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
 Quant Time: Nov 28 11:13 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Nov 26 11:49:17 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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      | 21.53 | 21.81 | 3361744  | 203468 | 0.208   | 0.230   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 104.00% | 115.00% |

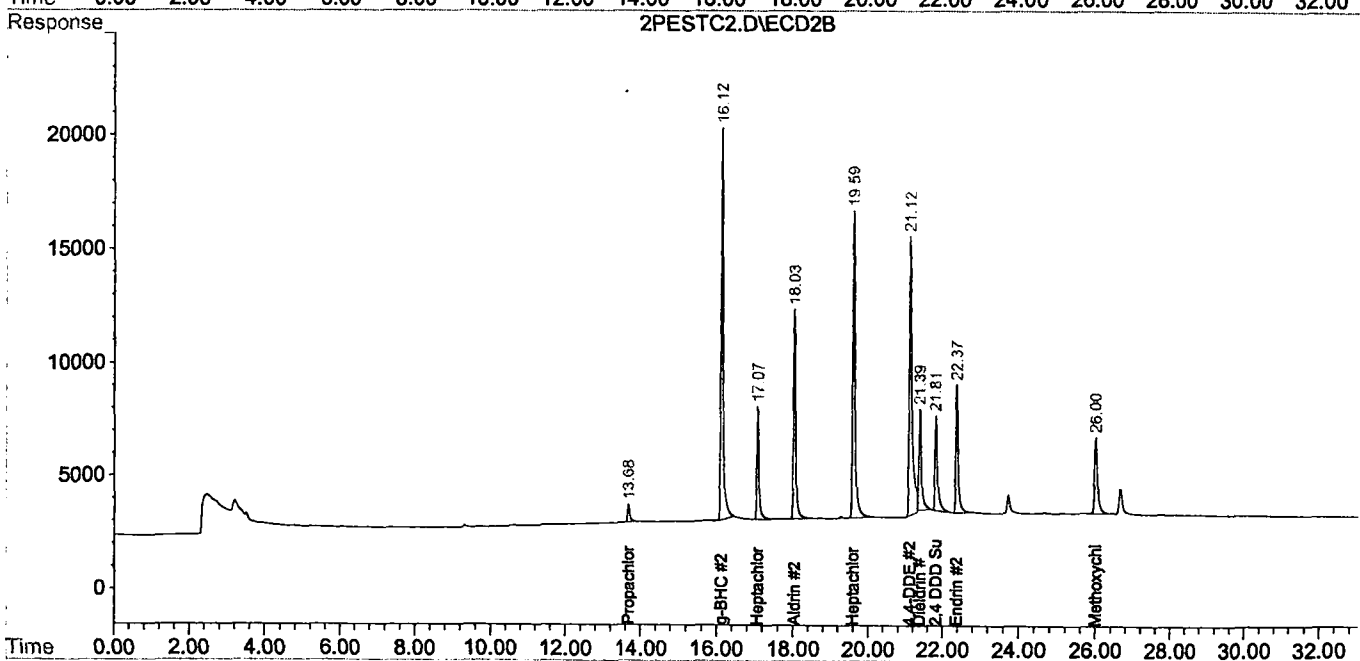
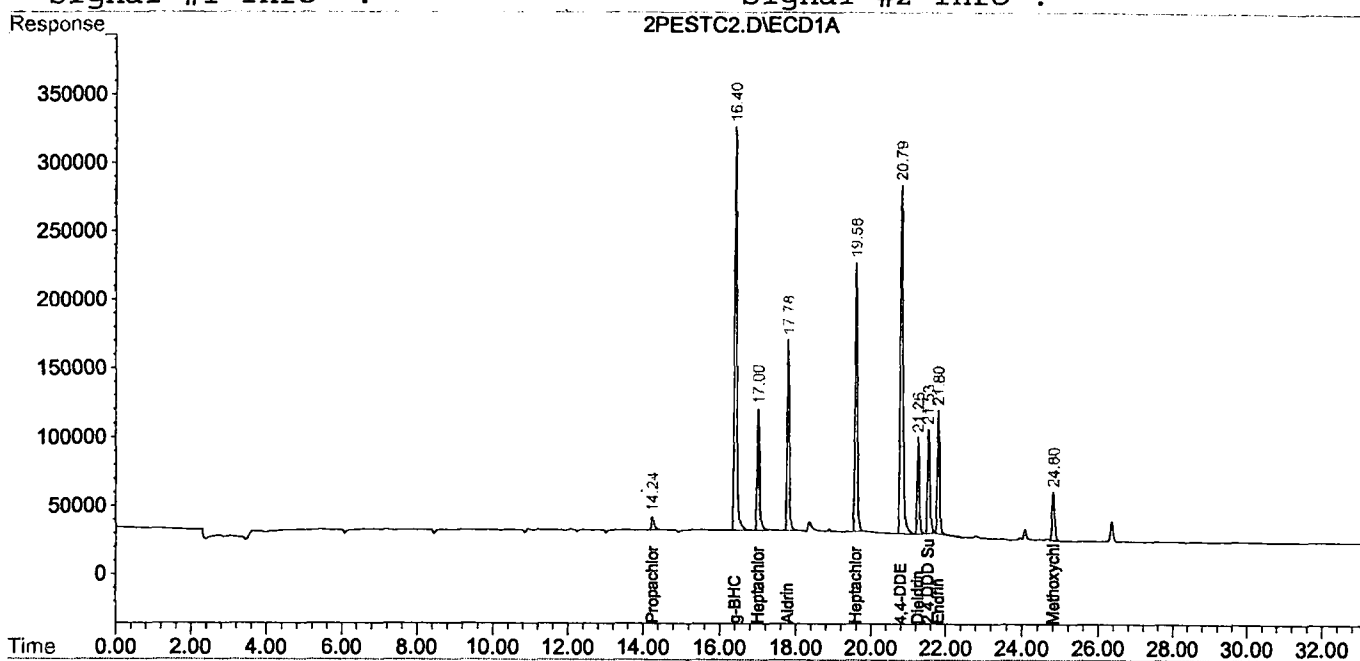
| Target Compounds |                  |       |       |          |        |        |             |
|------------------|------------------|-------|-------|----------|--------|--------|-------------|
| 1)               | Propachlor       | 14.24 | 13.68 | 470190   | 35646  | 0.203  | 0.233m 117% |
| 2)               | g-BHC            | 16.40 | 16.12 | 12484772 | 666808 | 0.277  | 0.320m 114% |
| 3)               | Heptachlor       | 17.00 | 17.07 | 3505830  | 193581 | 0.088  | 0.104 108%  |
| 4)               | Aldrin           | 17.79 | 18.03 | 5609743  | 379515 | 0.117  | 0.133 111%  |
| 5)               | Heptachlor Epoxi | 19.58 | 19.59 | 7965880  | 593023 | 0.258  | 0.266 111%  |
| 6)               | 4,4-DDE          | 20.80 | 21.12 | 12865381 | 628877 | 0.392  | 0.415m 106% |
| 7)               | Dieldrin         | 21.26 | 21.39 | 2781056  | 205861 | 0.078  | 0.085m 106% |
| 8)               | Endrin           | 21.80 | 22.37 | 3843454  | 245432 | 0.196  | 0.203 102%  |
| 9)               | Methoxychlor     | 24.80 | 26.00 | 1610341  | 183217 | 0.355m | 0.365m 91%  |

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\2PESTC2.D\ECD1A.CH Vial: 46  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\2PESTC2.D\ECD2B.CH  
Acq On : 23 Nov 2001 2:54 pm Operator: Nefliu  
Sample : pest ccv Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Nov 28 11:13 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Mon Nov 26 11:49:17 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\2CHLC3.D\ECD1A.CH Vial: 47  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\2CHLC3.D\ECD2B.CH  
Acq On : 23 Nov 2001 3:32 pm Operator: Nefliu  
Sample : chlordan ccv2 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Nov 28 13:36 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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

## Target Compounds

|    |             |       |       |          |        |        |         |
|----|-------------|-------|-------|----------|--------|--------|---------|
| 1) | Chlordane 1 | 20.02 | 16.61 | 2854988  | 380853 | 3.311m | 4.878 # |
| 2) | Chlordane 2 | 20.43 | 20.05 | 11993597 | 839770 | 3.474m | 4.602m# |
| 3) | Chlordane 3 | 20.57 | 20.47 | 14745251 | 860357 | 3.472m | 4.427m# |

$\bar{x} = 3.4$   
(85%.)

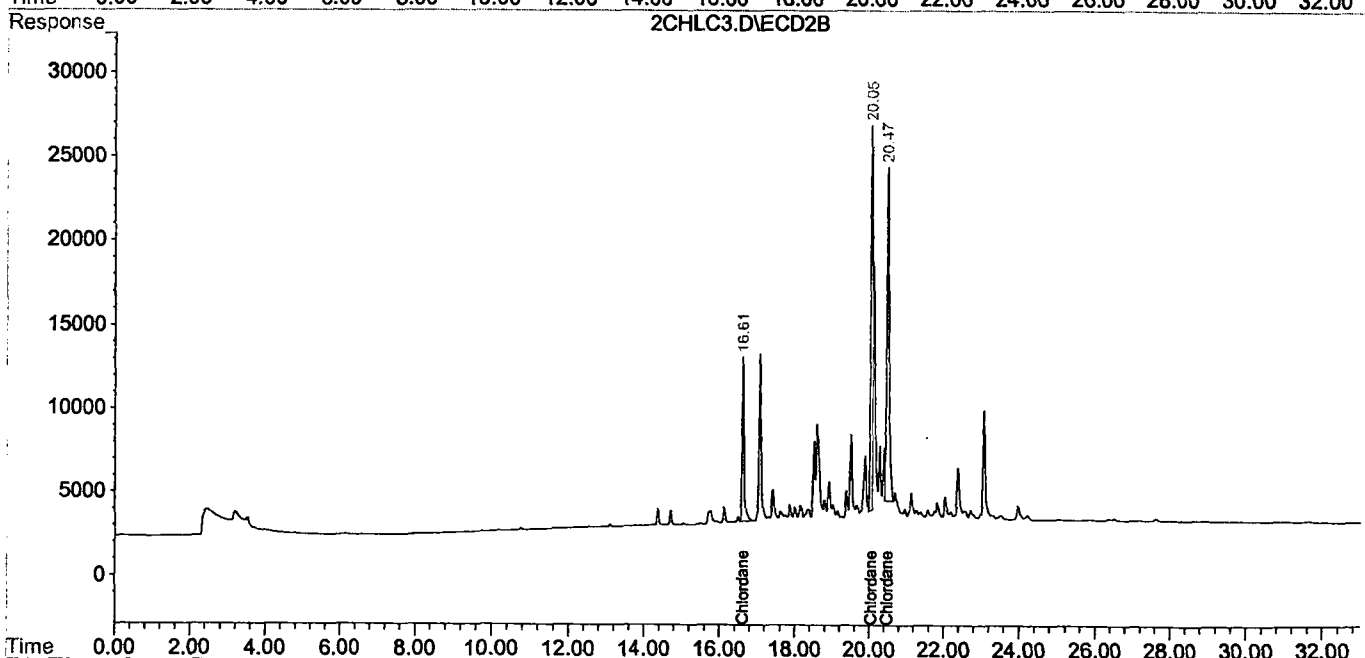
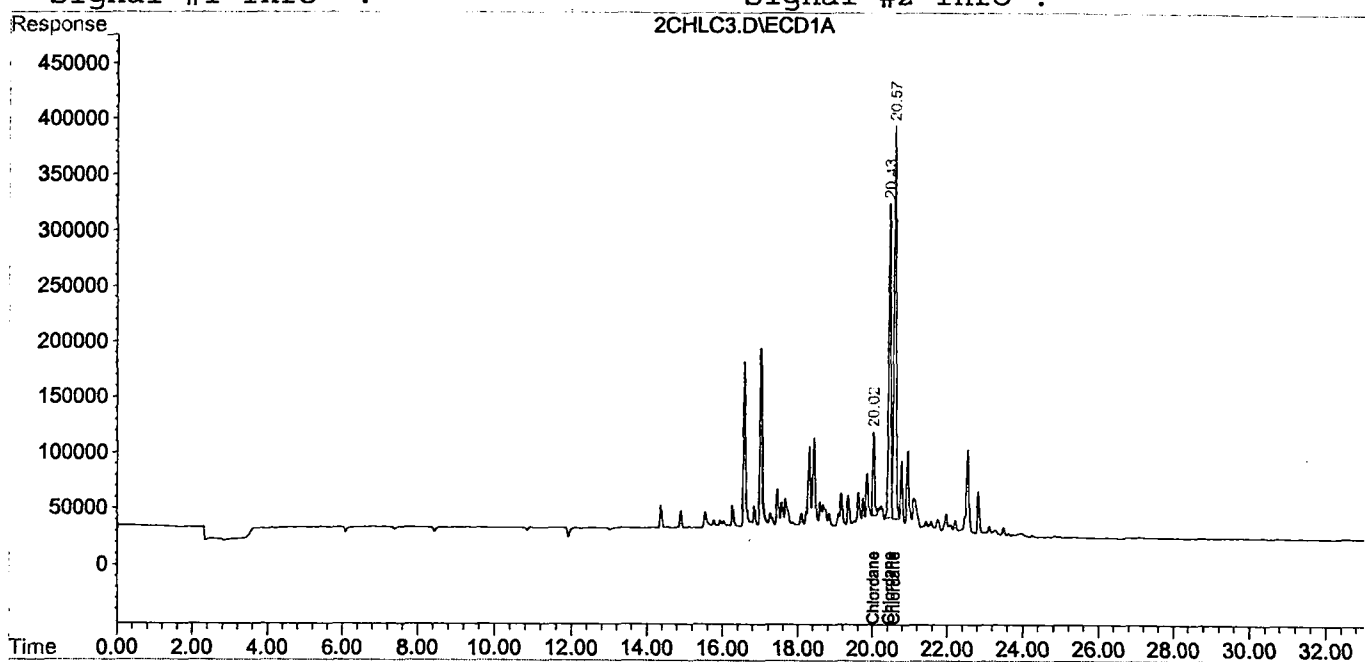
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
2CHLC3.D PCB1260.M Tue Dec 04 11:44:16 2001

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\2CHLC3.D\ECD1A.CH Vial: 47  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\2CHLC3.D\ECD2B.CH  
 Acq On : 23 Nov 2001 3:32 pm Operator: Nefliu  
 Sample : chlordan ccv2 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 13:36 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\2TOXC2.D\ECD1A.CH Vial: 45  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\2TOXC2.D\ECD2B.CH  
 Acq On : 23 Nov 2001 2:16 pm Operator: Nefliu  
 Sample : tox ccv Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 13:03 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 11:37:36 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 3947264  | 192647 | 0.210m  | 0.234m  |
| Spiked Amount               | 0.200 |       | Recovery | =      | 105.00% | 117.00% |
| Target Compounds            |       |       |          |        |         |         |
| 1) TOX-1                    | 19.07 | 18.84 | 409406   | 22610  | 3.219m  | 4.002m  |
| 2) TOX-2                    | 22.34 | 20.11 | 721994   | 28037  | 3.477m  | 3.836m  |
| 3) TOX-3                    | 22.93 | 23.47 | 573786   | 72854  | 3.394m  | 3.488m  |
| 4) TOX-4                    | 23.76 | 25.27 | 1268976  | 116193 | 3.173m  | 4.167m# |
| 5) TOX-5                    | 24.86 | 25.46 | 1277887  | 95306  | 3.483m  | 3.906m  |

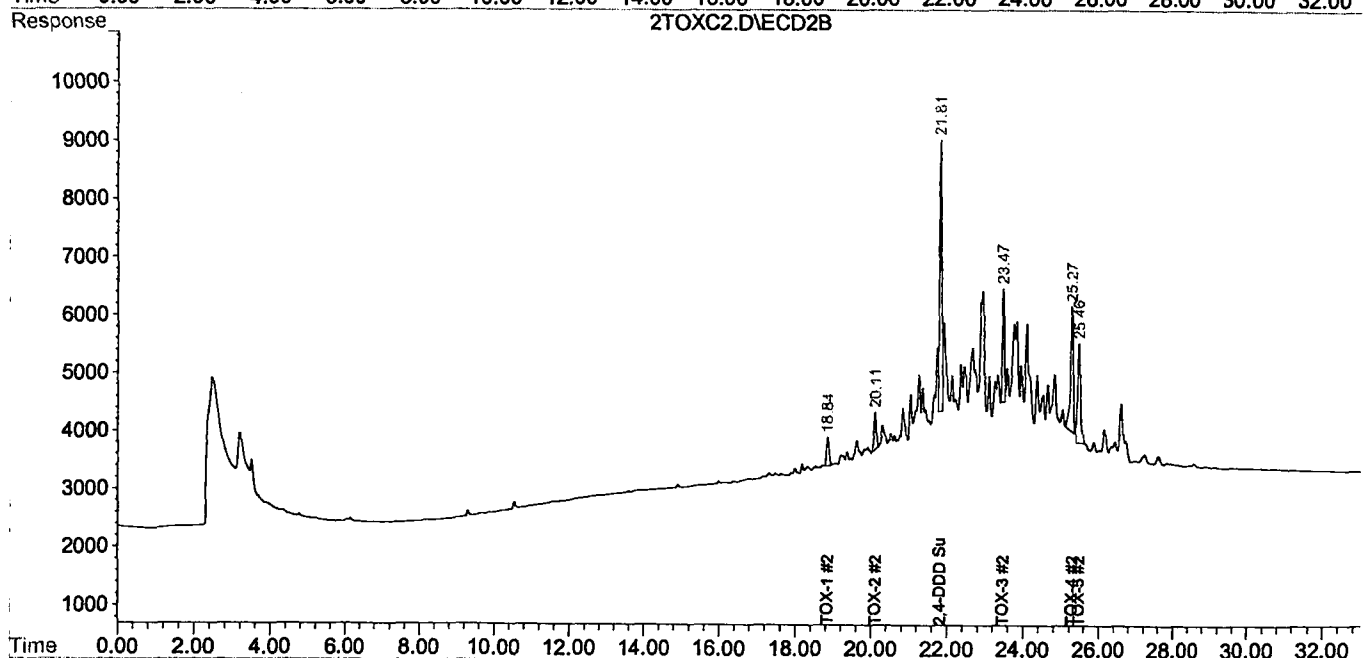
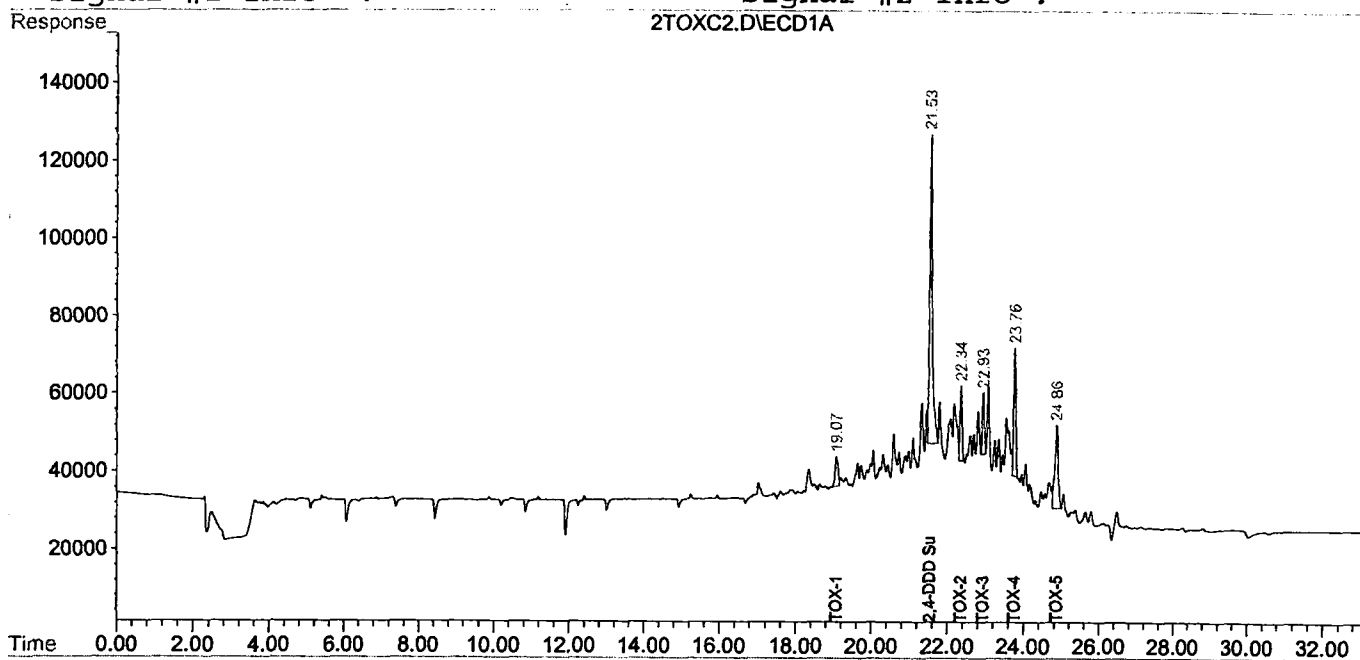
$\bar{x} = 3.3$   
 (103%)

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\2TOXC2.D\ECD1A.CH Vial: 45  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\2TOXC2.D\ECD2B.CH  
 Acq On : 23 Nov 2001 2:16 pm Operator: Nefliu  
 Sample : tox ccv Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Nov 28 13:03 2001 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 11:37:36 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



2TOXC2.D PCB1260.M

Tue Dec 04 11:44:59 2001

Page 2

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:47:57

Sample: AD25376  
Analysis: \$RE508 Organochlorine Pesticides Reference  
Units: ug  
Started: 10/25/01 12:44 Ended: 11/21/01 12:44 Analyst: MN  
Result source: manual entry  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 0.34   |           | 0.040 |
| 2  | Lindane            |      | 0.16   |           | 0.030 |
| 3  | Heptachlor         |      | 0.11   |           | 0.020 |
| 4  | Aldrin             |      | 0.057  |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 0.10   |           | 0.030 |
| 6  | 4,4-DDE            |      | 0.52   |           | 0.080 |
| 7  | Dieldrin           |      | 0.12   |           | 0.016 |
| 8  | Endrin             |      | 0.18   |           | 0.020 |
| 9  | Methoxychlor       |      | 0.43   |           | 0.039 |
| 10 | Chlordane          |      | < MDL  |           | 0.40  |
| 11 | Toxaphene          |      | < MDL  |           | 0.40  |
| 12 | PCB's              |      | 0.22   |           | 0.20  |
| 13 | Surr - 2,4-DDD     |      | 0.21   |           |       |

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:48:03

Sample: AD25376

Analysis: \$Q\_508 Pesticides Reference Calculation

Units: ug

Started: 12/4/01 12:47 Ended: 12/4/01 12:47 Analyst: MN

Result source: calculation

Page: 1

|    | Component Name | Viol | Result  | Qualifier | MDL   |
|----|----------------|------|---------|-----------|-------|
| 1  | Propachlor     |      | 85.86   |           | 0.040 |
| 2  |                |      |         |           |       |
| 3  |                |      |         |           |       |
| 4  |                |      |         |           |       |
| 5  |                |      |         |           |       |
| 6  | 4,4-DDE        |      | 65.00   |           | 0.080 |
| 7  | Dieldrin       |      | 75.00   |           | 0.016 |
| 8  | Endrin         |      | 90.00   |           | 0.020 |
| 9  | Methoxychlor   |      | 107.50  |           | 0.039 |
| 10 | Chlordane      |      | #VALUE! |           | 0.40  |
| 11 | Toxaphene      |      | #VALUE! |           | 0.40  |
| 12 | PCB's          |      | 110.00  |           | 0.20  |
| 13 | Surr_2,4-DDD   |      | 105.00  |           |       |

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:48:03

Sample: AD25376  
Analysis: \$Q\_508 Pesticides Reference Calculation  
Units: ug  
Started: 12/4/01 12:47 Ended: 12/4/01 12:47 Analyst: MN  
Result source: calculation  
Page: 1

|    | Component Name     | Viol | Result  | Qualifier | MDL   |
|----|--------------------|------|---------|-----------|-------|
| 1  | Propachlor         |      | 85.86   |           | 0.040 |
| 2  | Chlordane          | SPLO | 57.00   |           | 0.040 |
| 3  | Propachlor         | SPLO | 57.00   |           | 0.020 |
| 4  | Alrin              | SPLO | 57.00   |           | 0.010 |
| 5  | Propachlor Epoxide | SPLO | 57.33   |           | 0.030 |
| 6  | 4,4-DDE            |      | 65.00   |           | 0.080 |
| 7  | Dieldrin           |      | 75.00   |           | 0.016 |
| 8  | Endrin             |      | 90.00   |           | 0.020 |
| 9  | Methoxychlor       |      | 107.50  |           | 0.039 |
| 10 | Chlordane          |      | #VALUE! |           | 0.40  |
| 11 | Toxaphene          |      | #VALUE! |           | 0.40  |
| 12 | PCB's              |      | 110.00  |           | 0.20  |
| 13 | Surr_2,4-DDD       |      | 105.00  |           |       |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\1025REF.D\ECD1A.CH Vial: 18  
 Acq On : 21 Nov 2010 9:32 pm Operator: Nefliu  
 Sample : 10/25 ref pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\1025REF.D\ECD2B.CH Vial: 18  
 Acq On : 21 Nov 10 9:32 pm Operator: Nefliu  
 Sample : 10/25 ref pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 10:21 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Nov 26 11:49:17 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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      | 21.51 | 21.79 | 3083332  | 183515  | 0.190  | 0.208   |
| Spiked Amount               | 0.200 |       | Recovery | =       | 95.00% | 104.00% |
| Target Compounds            |       |       |          |         |        |         |
| 1) Propachlor               | 14.23 | 13.67 | 789490   | 56026   | 0.340  | 0.367m  |
| 2) g-BHC                    | 16.39 | 16.11 | 6994916  | 528053  | 0.155  | 0.254 # |
| 3) Heptachlor               | 16.99 | 17.06 | 4249826  | 240536  | 0.106m | 0.129   |
| 4) Aldrin                   | 17.77 | 18.02 | 2760986  | 158609  | 0.057  | 0.056   |
| 5) Heptachlor Epoxi         | 19.55 | 19.58 | 3152775  | 525833  | 0.102  | 0.236m# |
| 6) 4,4-DDE                  | 20.77 | 21.10 | 17108153 | 1008639 | 0.521  | 0.666m# |
| 7) Dieldrin                 | 21.24 | 21.37 | 4385080  | 291982  | 0.123  | 0.120m  |
| 8) Endrin                   | 21.78 | 22.36 | 3539751  | 229475  | 0.181  | 0.190   |
| 9) Methoxychlor             | 24.78 | 25.98 | 1938322  | 199403  | 0.428m | 0.397m  |

# Quantitation Report

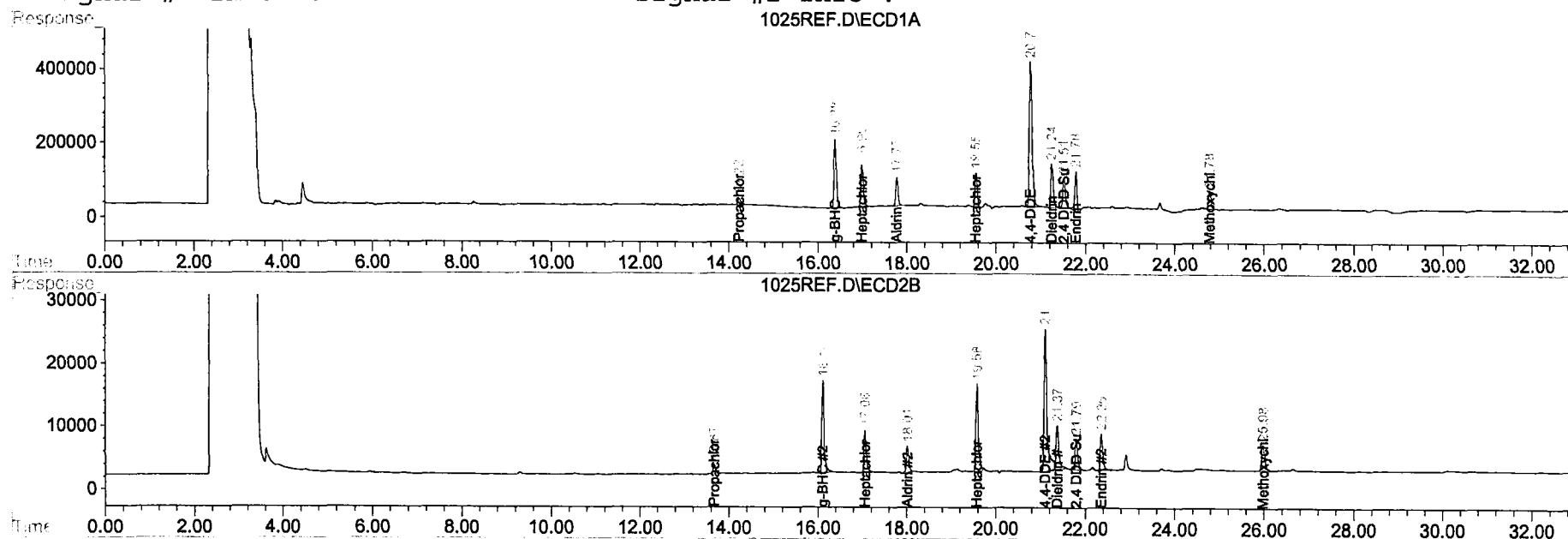
Data File : C:\HPCHEM\1\DATA\508\112101\1025REF.D\ECD1A.CH Vial: 18  
 Acq On : 21 Nov 2010 9:32 pm Operator: Nefliu  
 Sample : 10/25 ref pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\1025REF.D\ECD2B.CH Vial: 18  
 Acq On : 21 Nov 101 9:32 pm Operator: Nefliu  
 Sample : 10/25 ref pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 10:21 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Mon Nov 26 11:49:17 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\PRL1221.D\ECD1A.CH Vial: 61  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\PRL1221.D\ECD2B.CH  
 Acq On : 24 Nov 2001 1:09 am Operator: Nefliu  
 Sample : prl 1221 Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:20 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1221.M (Chemstation Integrator)  
 Title : Arochlor 1221  
 Last Update : Mon Dec 03 11:18:40 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 3178270  | 193257 | 0.196m | 0.202   |
| Spiked Amount               | 0.200 |       | Recovery | =      | 98.00% | 101.00% |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1221-1                   | 12.98 | 12.84 | 9936     | 1481   | 0.104m | 0.305m# |
| 2) 1221-2                   | 13.10 | 13.77 | 21975    | 796    | 0.253m | 0.178m# |
| 3) 1221-3                   | 13.65 | 14.19 | 119852   | 3914   | 0.214  | 0.159m# |
| 4) 1221-4                   | 14.13 | 14.60 | 109887   | 3353   | 0.321m | 0.212 # |
| 5) 1221-5                   | 14.32 | 14.80 | 262802   | 11543  | 0.191m | 0.212m  |

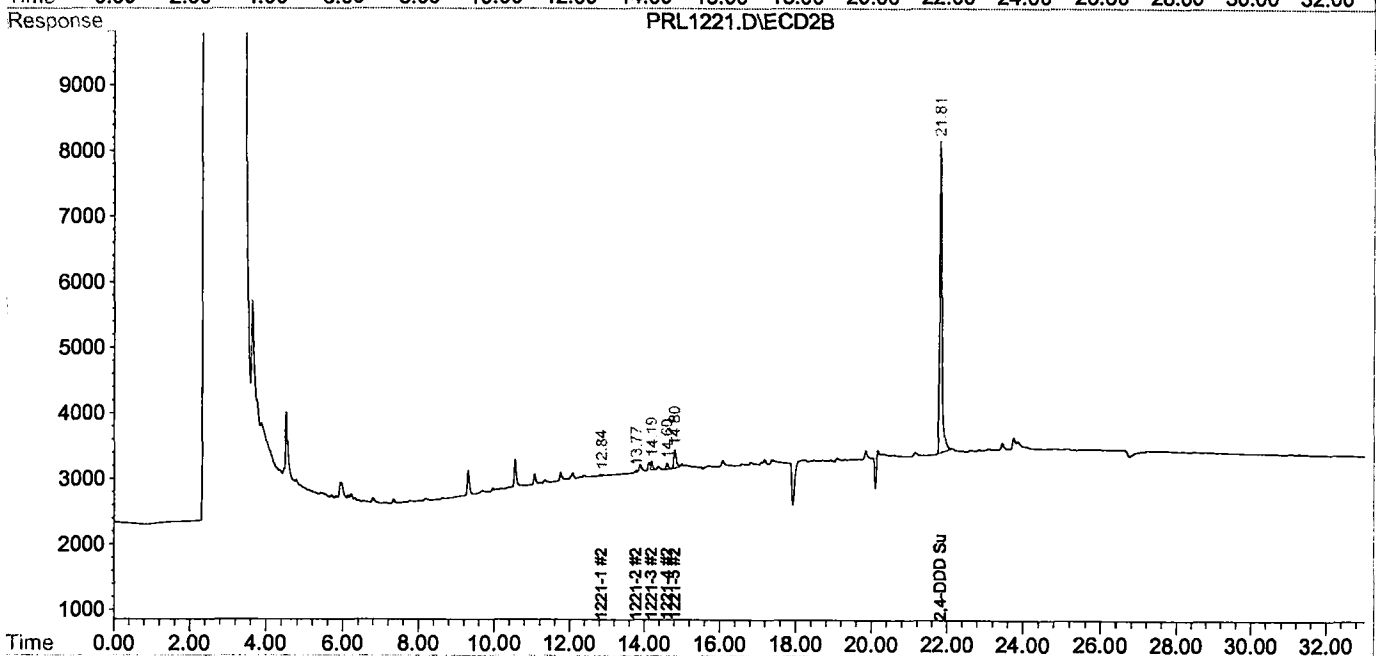
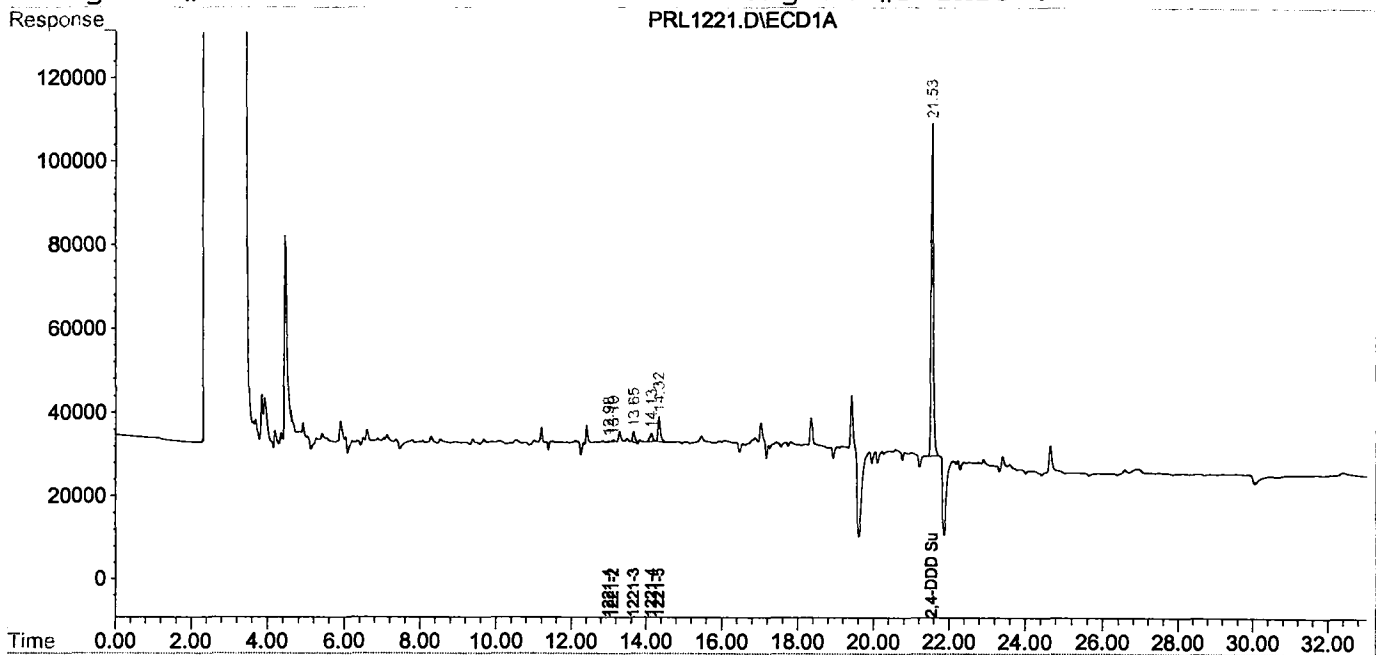
*Handwritten:*  $x \approx 0.22$

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\PRL1221.D\ECD1A.CH Vial: 61  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\PRL1221.D\ECD2B.CH  
Acq On : 24 Nov 2001 1:09 am Operator: Nefliu  
Sample : prl 1221 Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:20 2001 Quant Results File: PCB1221.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1221.M (Chemstation Integrator)  
Title : Arochlor 1221  
Last Update : Mon Dec 03 11:18:40 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 12/04/2001 Time: 12:58:13

Sample: AD25376  
 Analysis: \$S\_508 Organochlorine Pesticides Spike  
 Units: ug  
 Started: 10/25/01 12:47 Ended: 11/21/01 12:47 Analyst: MN  
 Result source: manual entry  
 Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 0.32   |           | 0.040 |
| 2  | Lindane            |      | 0.25   |           | 0.030 |
| 3  | Heptachlor         |      | 0.13   |           | 0.020 |
| 4  | Aldrin             |      | 0.075  |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 0.24   |           | 0.030 |
| 6  | 4,4-DDE            |      | 0.60   |           | 0.080 |
| 7  | Dieldrin           |      | 0.12   |           | 0.016 |
| 8  | Endrin             |      | 0.18   |           | 0.020 |
| 9  | Methoxychlor       |      | 0.33   |           | 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   |           |       |

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:58:19

Sample: AD25376

Analysis: \$R\_508 Pesticides Spike Calculation

Units: ug

Started: 12/4/01 12:58 Ended: 12/4/01 12:58 Analyst: MN

Result source: calculation

Page: 1

69-135

|    | Component Name     | Viol | Result  | Qualifier | MDL   |
|----|--------------------|------|---------|-----------|-------|
| 1  | Propachlor         |      | 80.00   |           | 0.040 |
| 2  | Lindane            |      | 83.33   |           | 0.030 |
| 3  | Heptachlor         |      | 65.00   |           | 0.020 |
| 4  | Aldrin             |      | 75.00   |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 80.00   |           | 0.030 |
| 6  | 4,4-DDE            |      | 75.00   |           | 0.080 |
| 7  | Dieldrin           |      | 75.00   |           | 0.016 |
| 8  | Endrin             |      | 90.00   |           | 0.020 |
| 9  | Methoxychlor       |      | 82.50   |           | 0.039 |
| 10 | Chlordane          |      | #VALUE! |           | 0.40  |
| 11 | Toxaphene          |      | #VALUE! |           | 0.40  |
| 12 | PCB's              |      | #VALUE! |           |       |
| 13 | Surr - 2,4-DDD     |      | 80.00   |           |       |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25376SP.D\ECD1A.CH Vial: 29  
 Acq On : 22 Nov 2010 4:27 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376SP.D\ECD2B.CH Vial: 29  
 Acq On : 22 Nov 101 4:27 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:18 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:14:27 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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      | 21.52 | 21.80 | 2774539  | 164072 | 0.171  | 0.161m |
| Spiked Amount 0.200         |       |       | Recovery | =      | 85.50% | 80.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) Propachlor               | 14.23 | 13.67 | 645045   | 49087  | 0.278m | 0.321m |
| 2) g-BHC                    | 16.39 | 16.11 | 10092663 | 524171 | 0.224  | 0.252  |
| 3) Heptachlor               | 16.99 | 17.06 | 4811666  | 239333 | 0.120  | 0.128  |
| 4) Aldrin                   | 17.77 | 18.02 | 3209513  | 214351 | 0.067  | 0.075  |
| 5) Heptachlor Epoxi         | 19.57 | 19.58 | 7491606  | 539871 | 0.243  | 0.243  |
| 6) 4,4-DDE                  | 20.78 | 21.10 | 16842707 | 910822 | 0.513  | 0.601m |
| 7) Dieldrin                 | 21.25 | 21.37 | 4057615  | 283825 | 0.114  | 0.117m |
| 8) Endrin                   | 21.79 | 22.36 | 3601449  | 220910 | 0.184  | 0.183  |
| 9) Methoxychlor             | 24.79 | 25.98 | 1684775  | 167086 | 0.372m | 0.333  |



## Quantitation Report

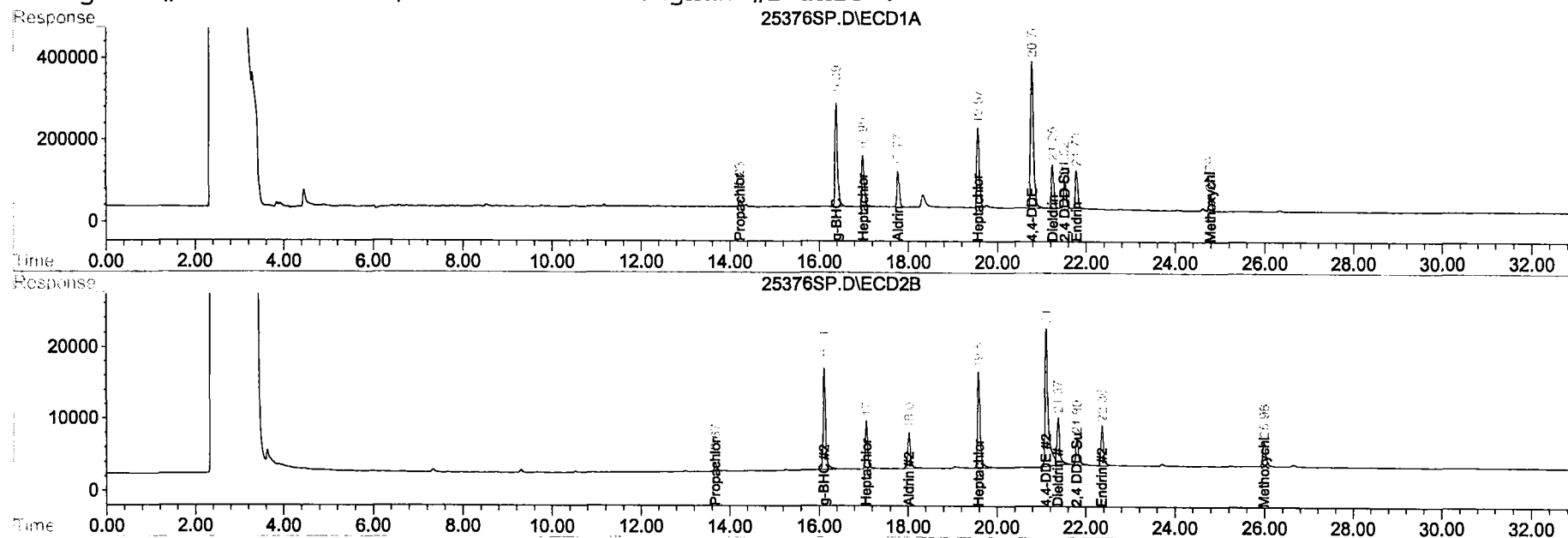
Data File : C:\HPCHEM\1\DATA\508\112101\25376SP.D\ECD1A.CH Vial: 29  
Acq On : 22 Nov 2010 4:27 am Operator: Nefliu  
Sample : 25376 spike dupe pest Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376SP.D\ECD2B.CH Vial: 29  
Acq On : 22 Nov 101 4:27 am Operator: Nefliu  
Sample : 25376 spike dupe pest Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 11:18 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:14:27 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:59:03

Sample: AD25376  
Analysis: \$SD508 Organochlorine Pesticides Spike Dup  
Units: ug  
Started: 10/25/01 12:58 Ended: 11/21/01 12:58 Analyst: MN  
Result source: manual entry  
Page: 1

|    | Component Name     | Viol | Result | Qualifier | MDL   |
|----|--------------------|------|--------|-----------|-------|
| 1  | Propachlor         |      | 0.36   |           | 0.040 |
| 2  | Lindane            |      | 0.27   |           | 0.030 |
| 3  | Heptachlor         |      | 0.13   |           | 0.020 |
| 4  | Aldrin             |      | 0.078  |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 0.25   |           | 0.030 |
| 6  | 4,4-DDE            |      | 0.60   |           | 0.080 |
| 7  | Dieldrin           |      | 0.12   |           | 0.016 |
| 8  | Endrin             |      | 0.19   |           | 0.020 |
| 9  | Methoxychlor       |      | 0.35   |           | 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   |           |       |

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:59:08

Sample: AD25376  
Analysis: \$PS508 Pesticides Spike Dup Calculation  
Units: ug  
Started: 12/4/01 12:58 Ended: 12/4/01 12:58 Analyst: MN  
Result source: calculation  
Page: 1

|    | Component Name     | Viol | Result  | Qualifier | MDL   |
|----|--------------------|------|---------|-----------|-------|
| 1  | Propachlor         |      | 0.04    |           | 0.040 |
| 2  | Lindane            |      | 0.02    |           | 0.030 |
| 3  | Heptachlor         |      | 0.00    |           | 0.020 |
| 4  | Aldrin             |      | 0.00    |           | 0.010 |
| 5  | Heptachlor Epoxide |      | 0.01    |           | 0.030 |
| 6  | 4,4-DDE            |      | 0.00    |           | 0.080 |
| 7  | Dieldrin           |      | 0.00    |           | 0.016 |
| 8  | Endrin             |      | 0.01    |           | 0.020 |
| 9  | Methoxychlor       |      | 0.02    |           | 0.039 |
| 10 | Chlordane          |      | #VALUE! |           | 0.40  |
| 11 | Toxaphene          |      | #VALUE! |           | 0.40  |
| 12 | PCB's              |      | #VALUE! |           |       |
| 13 | Surr - 2,4-DDD     |      | 0.00    |           |       |

all

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25376SDP.D\ECD1A.CH Vial: 30  
 Acq On : 22 Nov 2010 5:05 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376SDP.D\ECD2B.CH Vial: 30  
 Acq On : 22 Nov 101 5:05 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:16 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:14:27 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.52 | 21.79 | 2818999  | 160427 | 0.174  | 0.158m |
| Spiked Amount          | 0.200 |       | Recovery | =      | 87.00% | 79.00% |

Target Compounds

|                     |       |       |          |        |        |        |
|---------------------|-------|-------|----------|--------|--------|--------|
| 1) Propachlor       | 14.23 | 13.67 | 701668   | 55244  | 0.302m | 0.362m |
| 2) g-BHC            | 16.39 | 16.11 | 10334006 | 564138 | 0.229  | 0.271  |
| 3) Heptachlor       | 16.99 | 17.06 | 4880494  | 247404 | 0.122  | 0.132  |
| 4) Aldrin           | 17.78 | 18.02 | 3285309  | 220816 | 0.068  | 0.078m |
| 5) Heptachlor Epoxi | 19.57 | 19.58 | 7575938  | 547049 | 0.246  | 0.246  |
| 6) 4,4-DDE          | 20.78 | 21.10 | 16112760 | 909455 | 0.491  | 0.600m |
| 7) Dieldrin         | 21.25 | 21.37 | 4045390  | 280592 | 0.114  | 0.115m |
| 8) Endrin           | 21.79 | 22.36 | 3684785  | 230444 | 0.188  | 0.191  |
| 9) Methoxychlor     | 24.79 | 25.98 | 1802124  | 174184 | 0.397m | 0.347m |



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

25376SDP.D 112601P.M Wed Nov 28 11:17:01 2001

Page 1

# Quantitation Report

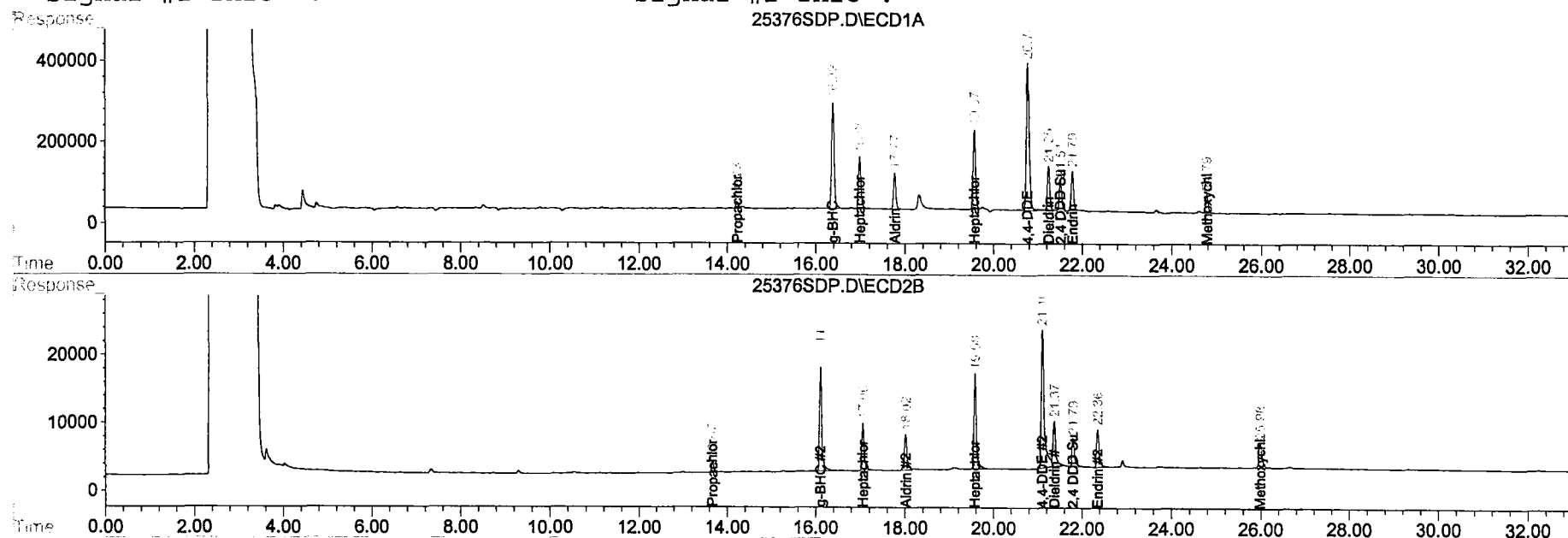
Data File : C:\HPCHEM\1\DATA\508\112101\25376SDP.D\ECD1A.CH Vial: 30  
 Acq On : 22 Nov 2010 5:05 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376SDP.D\ECD2B.CH Vial: 30  
 Acq On : 22 Nov 10 5:05 am Operator: Nefliu  
 Sample : 25376 spike dupe pest Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:16 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:14:27 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:48:52

Sample: AD25376  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 12/4/01 12:47 Ended: 12/4/01 12:47 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       |      | 0.19   |           |       |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
 Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
 Acq On : 23 Nov 10 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E  
 Quant Time: Nov 28 11:15 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:14:27 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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      | 21.54  | 21.82  | 3230084  | 190394 | 0.200m  | 0.187m  |
| Spiked Amount               | 0.200  |        | Recovery | =      | 100.00% | 93.50%  |
| Target Compounds            |        |        |          |        |         |         |
| 1) Propachlor               | 14.24  | 0.00   | 3033     | 0      | 0.001   | N.D. d# |
| 2) g-BHC                    | 16.40  | 0.00   | 16414    | 0      | 0.000   | N.D. d# |
| 4) Aldrin                   | 17.74  | 0.00   | 42607    | 0      | 0.001   | N.D. d# |
| 6) 4,4-DDE                  | 20.79  | 20.96  | 4898     | 250    | 0.000   | 0.000   |
| 7) Dieldrin                 | 21.33f | 21.46f | 12871    | 352    | 0.000   | 0.000 # |

## Quantitation Report

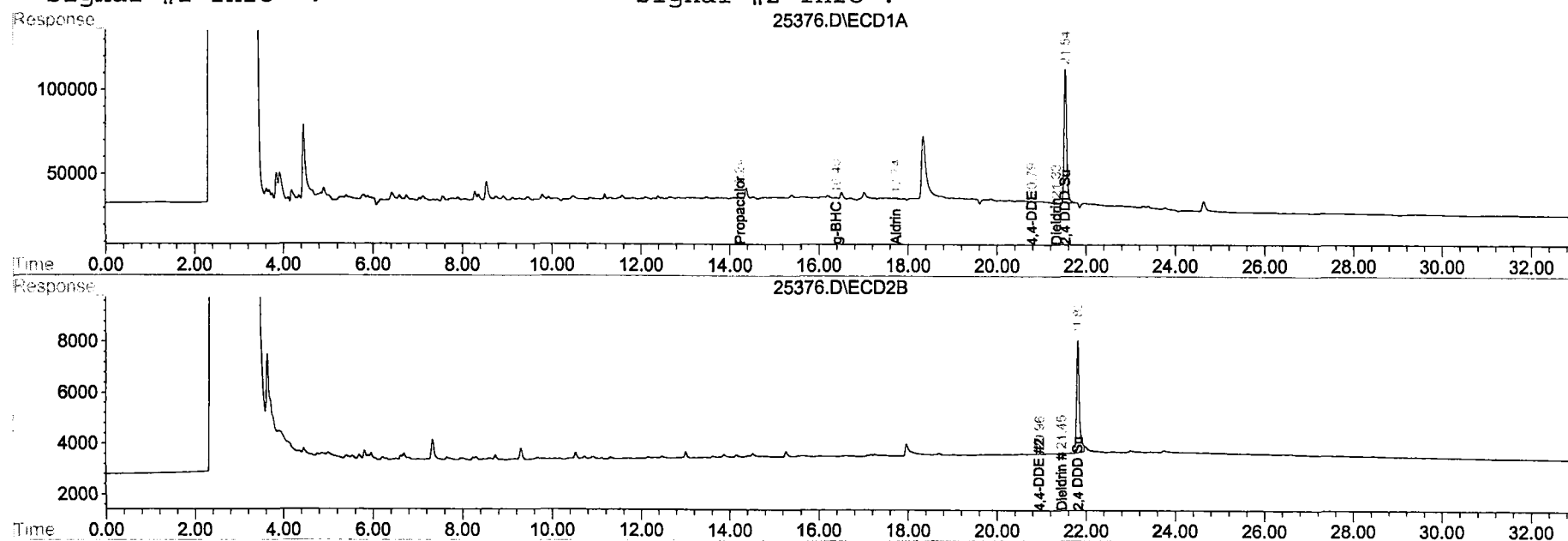
Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
Acq On : 23 Nov 101 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 11:15 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:14:27 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
Acq On : 23 Nov 101 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:05 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.54 | 21.82 | 3231388  | 192571 | 0.164m | 0.200m  |
| Spiked Amount               | 0.200 |       | Recovery | =      | 82.00% | 100.00% |

Target Compounds

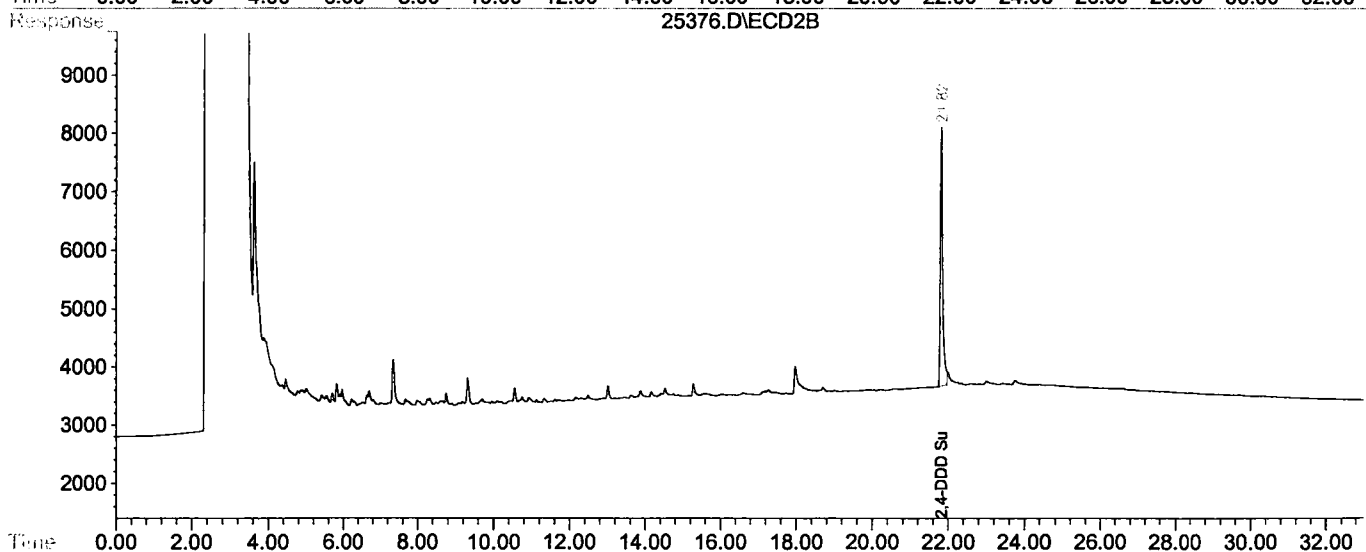
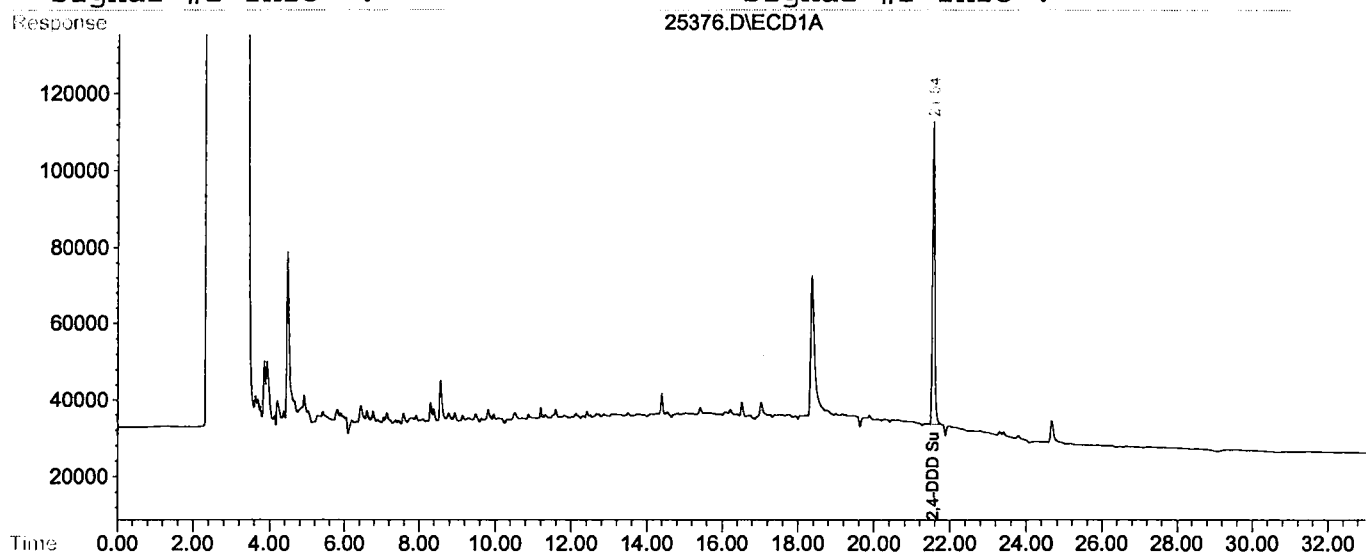
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
 Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
 Acq On : 23 Nov 101 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:05 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
 Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
 Acq On : 23 Nov 101 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:37 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.54 | 21.82 | 3231730  | 191881 | 0.195  | 0.204m  |
| Spiked Amount         | 0.200 |       | Recovery | =      | 97.50% | 102.00% |

Target Compounds

|                |       |      |       |   |       |        |
|----------------|-------|------|-------|---|-------|--------|
| 1) Chlordane 1 | 20.06 | 0.00 | 3351  | 0 | 0.004 | N.D. # |
| 2) Chlordane 2 | 20.47 | 0.00 | 17657 | 0 | 0.005 | N.D. # |
| 3) Chlordane 3 | 20.61 | 0.00 | 1321  | 0 | 0.000 | N.D. # |

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

25376.D 111701C.M Wed Nov 28 13:37:10 2001

Page 1

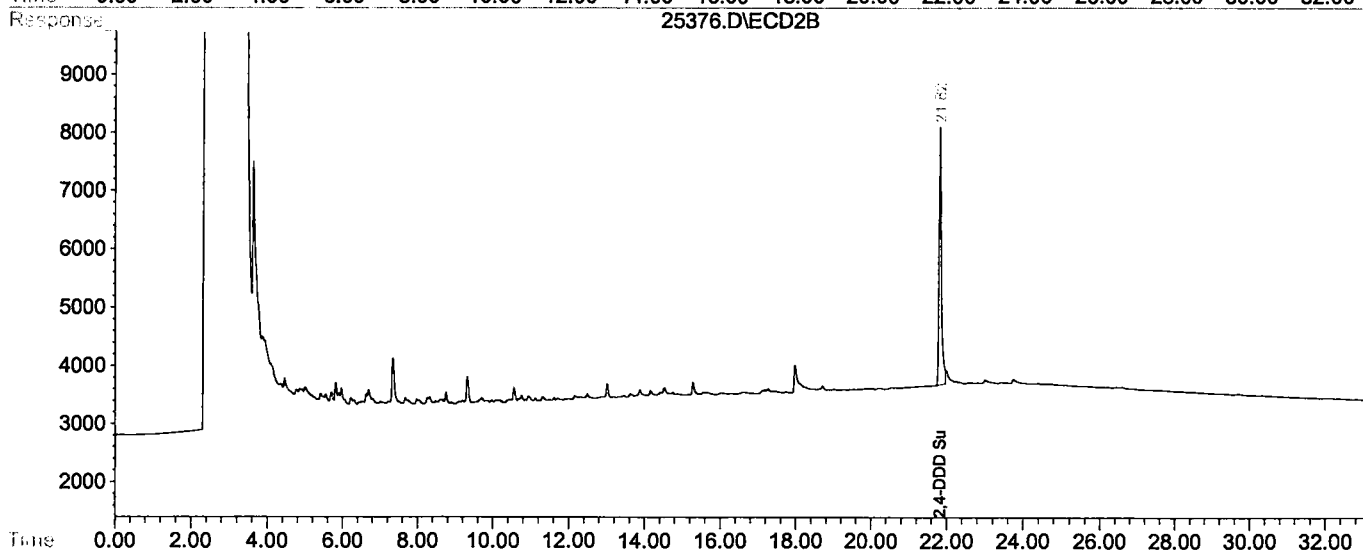
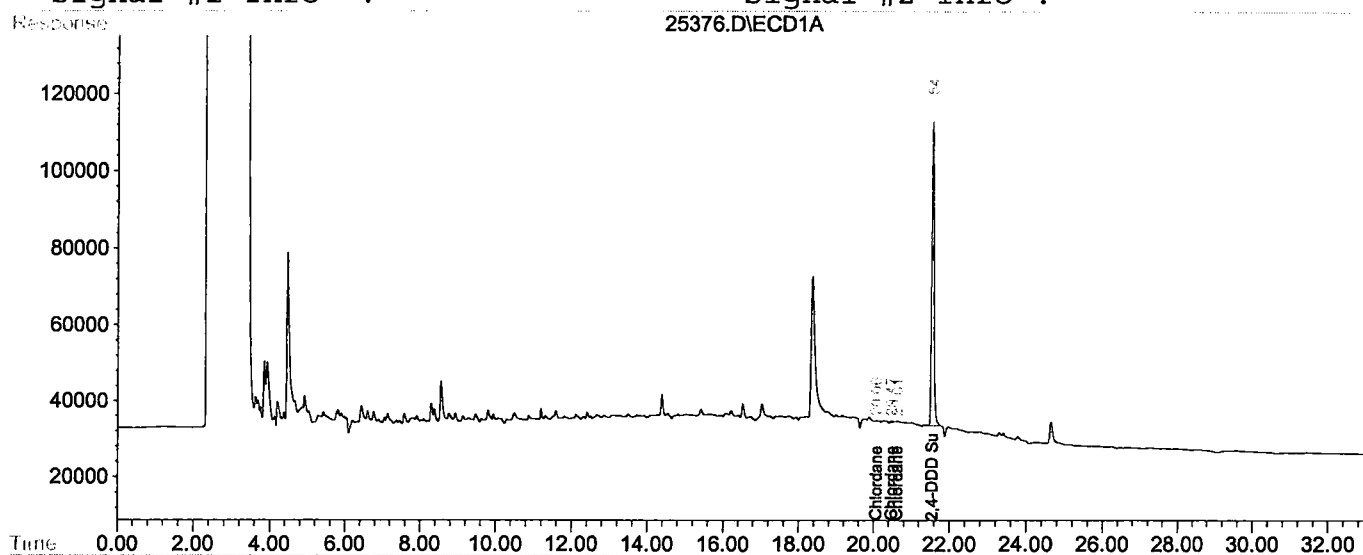
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
Acq On : 23 Nov 2010 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH Vial: 48  
Acq On : 23 Nov 101 4:59 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:37 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25376.D\ECD1A.CH Vial: 48  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH  
 Acq On : 23 Nov 2001 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:02 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 |       |       |          |        |         |         |
| 7) s 2,4-DDD Surrogat       | 21.54 | 21.82 | 3255723  | 187765 | 0.207m  | 0.279m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 103.50% | 139.50% |
| Target Compounds            |       |       |          |        |         |         |
| 1) 1016-1                   | 14.39 | 14.75 | 180382   | 811    | 0.189   | 0.021 # |
| 2) 1016-2                   | 15.41 | 0.00  | 72752    | 0      | 0.038   | N.D. d# |
| 3) 1016-3                   | 0.00  | 17.18 | 0        | 581    | N.D. d  | 0.004   |
| 4) 1016-4                   | 0.00  | 17.73 | 0        | 432    | N.D. d  | 0.009   |

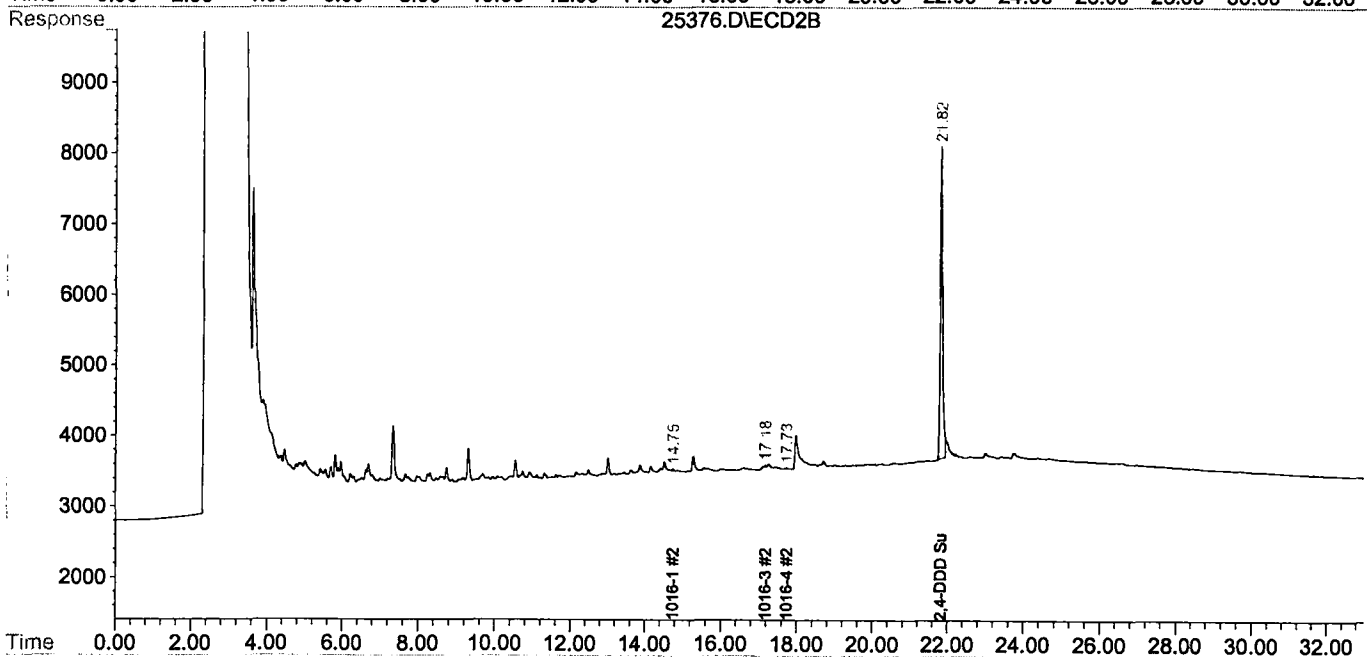
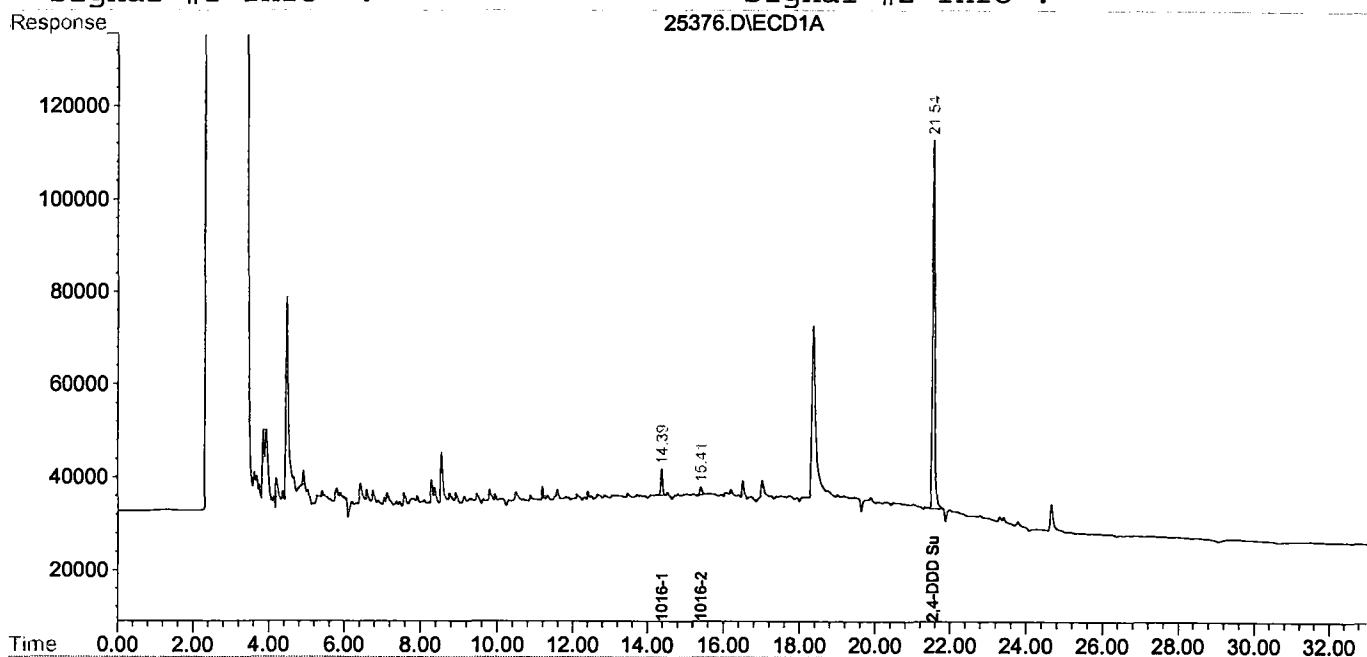
-----  
 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 25376.D PCB1016.M Mon Dec 03 11:02:56 2001

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD1A.CH Vial: 48  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25376.D\ECD2B.CH  
 Acq On : 23 Nov 2001 4:59 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:02 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25376 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:07:53

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 13:00:09

Sample: AD25377  
Analysis: \$S\_508 Organochlorine Pesticides Spike  
Units: ug  
Started: 10/25/01 12:58 Ended: 11/21/01 12:58 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          |      | 1.5    |           | 0.40  |
| 11 | Toxaphene          |      | < MDL  |           | 0.40  |
| 12 | PCB's              |      | < MDL  |           | 0.20  |
| 13 | Surr - 2,4-DDD     |      | 0.18   |           |       |

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 13:00:12

Sample: AD25377  
Analysis: \$R\_508 Pesticides Spike Calculation  
Units: ug  
Started: 12/4/01 13:00 Ended: 12/4/01 13:00 Analyst: MN  
Result source: calculation  
Page: 1

|    | Component Name     | Viol | Result  | Qualifier | MDL   |
|----|--------------------|------|---------|-----------|-------|
| 1  | Propachlor         |      | #VALUE! |           | 0.040 |
| 2  | Lindane            |      | #VALUE! |           | 0.030 |
| 3  | Heptachlor         |      | #VALUE! |           | 0.020 |
| 4  | Aldrin             |      | #VALUE! |           | 0.010 |
| 5  | Heptachlor Epoxide |      | #VALUE! |           | 0.030 |
| 6  | 4,4-DDE            |      | #VALUE! |           | 0.080 |
| 7  | Dieldrin           |      | #VALUE! |           | 0.016 |
| 8  | Endrin             |      | #VALUE! |           | 0.020 |
| 9  | Methoxychlor       |      | #VALUE! |           | 0.039 |
| 10 | Chlordane          |      | 75.00   |           | 0.40  |
| 11 | Toxaphene          |      | #VALUE! |           | 0.40  |
| 12 | PCB's              |      | #VALUE! |           |       |
| 13 | Surr - 2,4-DDD     |      | 90.00   |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377SC.D\ECD1A.CH Vial: 31  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377SC.D\ECD2B.CH  
 Acq On : 22 Nov 2001 5:43 am Operator: Nefliu  
 Sample : 25377 spike chlordanes Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:47 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.52 | 21.80 | 3001675  | 161016 | 0.181m | 0.171m |
| Spiked Amount 0.200         |       |       | Recovery | =      | 90.50% | 85.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) Chlordane 1              | 20.00 | 16.60 | 1108558  | 119264 | 1.286m | 1.528  |
| 2) Chlordane 2              | 20.42 | 20.03 | 5260729  | 336233 | 1.524m | 1.843m |
| 3) Chlordane 3              | 20.56 | 20.46 | 7734738  | 312699 | 1.821m | 1.609m |

$\lambda = 1.5$

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

25377SC.D 111701C.M Mon Dec 03 09:47:26 2001

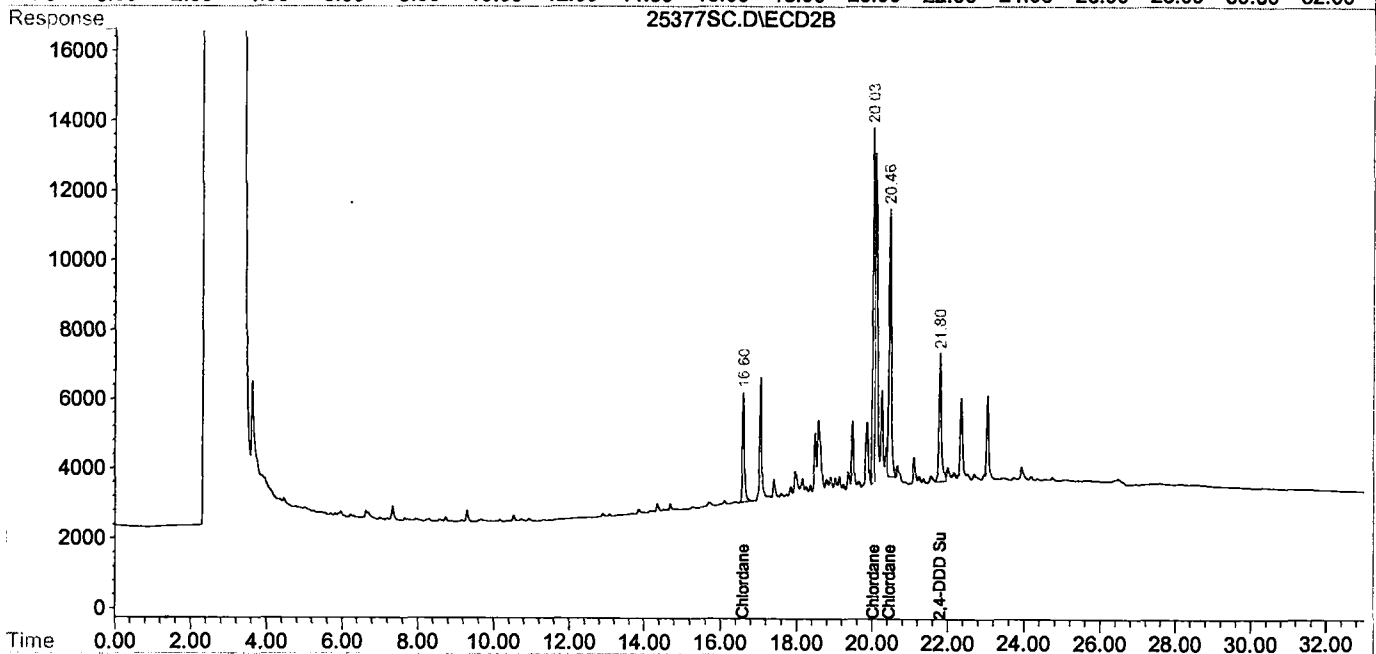
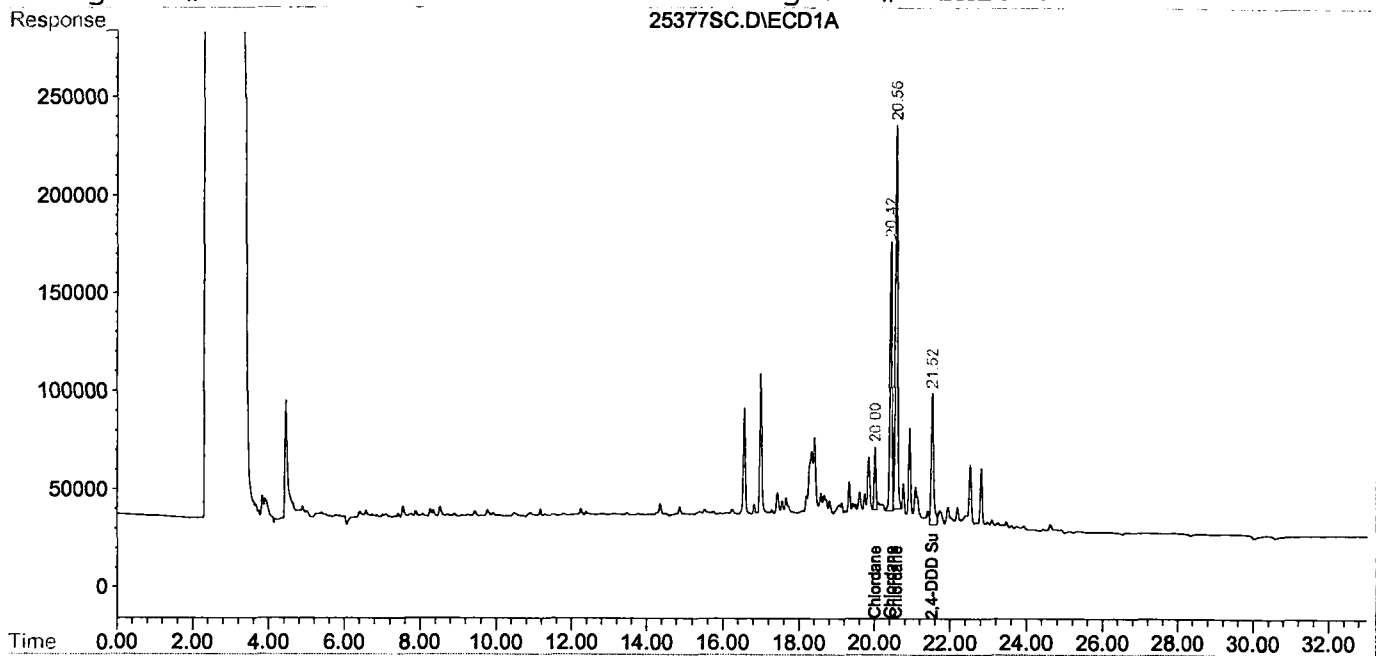
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377SC.D\ECD1A.CH Vial: 31  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377SC.D\ECD2B.CH  
Acq On : 22 Nov 2001 5:43 am Operator: Nefliu  
Sample : 25377 spike chlordanes Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:47 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 13:00:43

Sample: AD25377  
Analysis: \$SD508 Organochlorine Pesticides Spike Dup  
Units: ug  
Started: 10/25/01 13:00 Ended: 11/21/01 13:00 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          |      | 1.6    |           | 0.40  |
| 11 | Toxaphene          |      | < MDL  |           | 0.40  |
| 12 | PCB's              |      | < MDL  |           | 0.20  |
| 13 | Surr - 2,4-DDD     |      | 0.18   |           |       |

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 12/04/2001 Time: 13:00:46

Sample: AD25377  
 Analysis: \$PS508 Pesticides Spike Dup Calculation  
 Units: ug  
 Started: 12/4/01 13:00 Ended: 12/4/01 13:00 Analyst: MN  
 Result source: calculation  
 Page: 1

|    | Component Name     | Viol | Result  | Qualifier | MDL   |
|----|--------------------|------|---------|-----------|-------|
| 1  | Propachlor         |      | #VALUE! |           | 0.040 |
| 2  | Lindane            |      | #VALUE! |           | 0.030 |
| 3  | Heptachlor         |      | #VALUE! |           | 0.020 |
| 4  | Aldrin             |      | #VALUE! |           | 0.010 |
| 5  | Heptachlor Epoxide |      | #VALUE! |           | 0.030 |
| 6  | 4,4-DDE            |      | #VALUE! |           | 0.080 |
| 7  | Dieldrin           |      | #VALUE! |           | 0.016 |
| 8  | Endrin             |      | #VALUE! |           | 0.020 |
| 9  | Methoxychlor       |      | #VALUE! |           | 0.039 |
| 10 | Chlordane          |      | 0.10    |           | 0.40  |
| 11 | Toxaphene          |      | #VALUE! |           | 0.40  |
| 12 | PCB's              |      | #VALUE! |           |       |
| 13 | Surr - 2,4-DDD     |      | 0.00    |           |       |

## Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377SDC.D\ECD1A.CH Vial: 32  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377SDC.D\ECD2B.CH  
Acq On : 22 Nov 2001 6:20 am Operator: Nefliu  
Sample : 25377 spike dupe chlordanes Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:48 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.52 | 21.80 | 3050042  | 175792 | 0.184m | 0.187m  |
| Spiked Amount 0.200         |       |       | Recovery | =      | 92.00% | 93.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) Chlordane 1              | 20.00 | 16.60 | 1123697  | 118784 | 1.303m | 1.521   |
| 2) Chlordane 2              | 20.42 | 20.03 | 5304680  | 361981 | 1.536m | 1.984m# |
| 3) Chlordane 3              | 20.56 | 20.46 | 7807521  | 327530 | 1.839m | 1.686m  |

*Handwritten:*  $\tau = 1.6$

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

25377SDC.D 111701C.M Mon Dec 03 09:48:54 2001

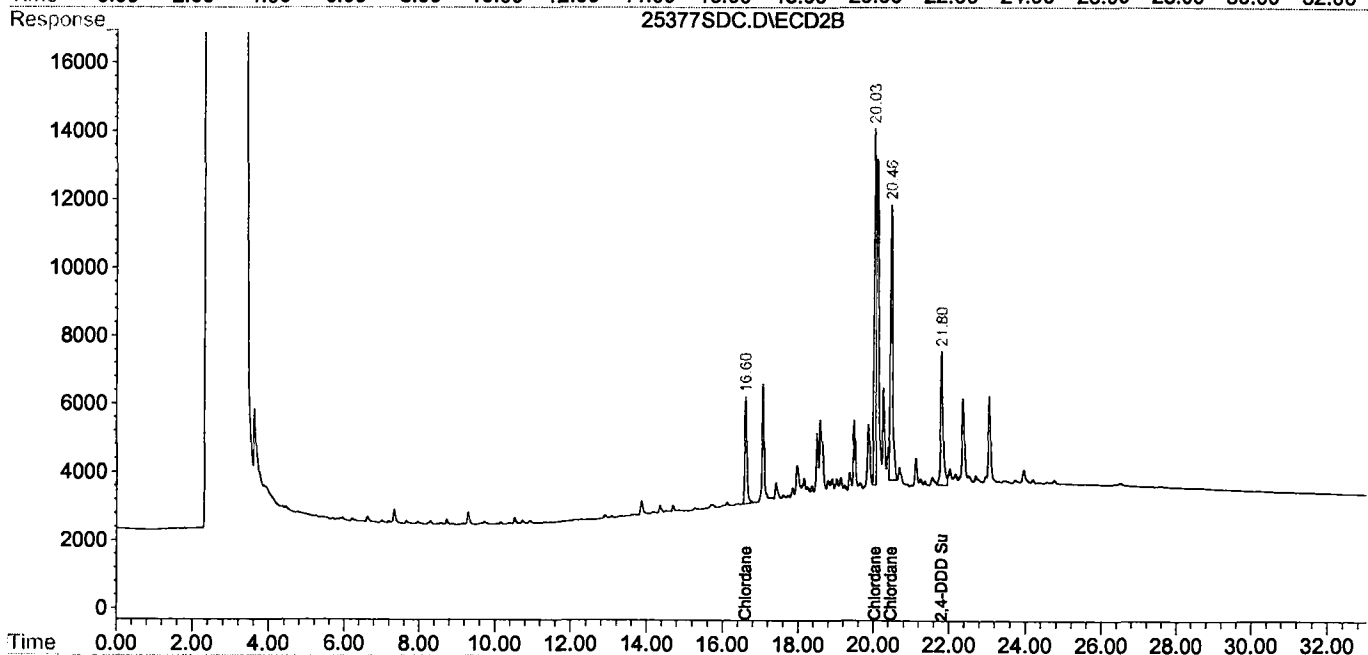
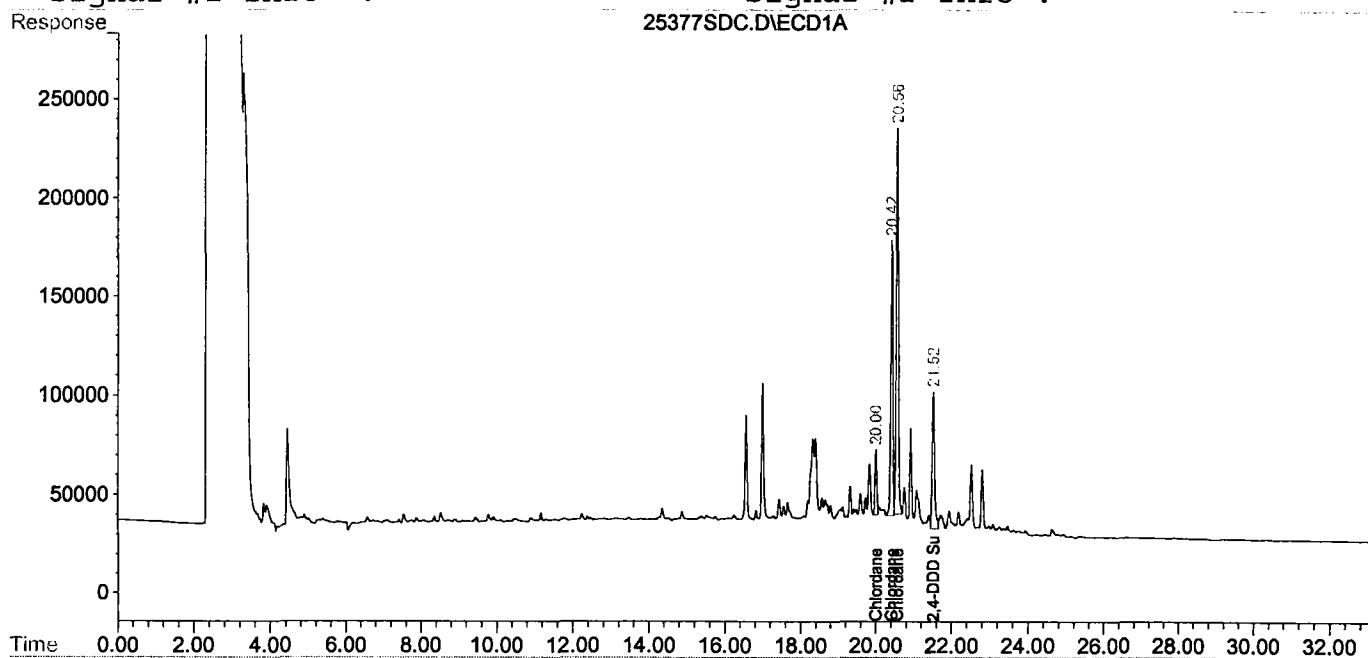
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377SDC.D\ECD1A.CH Vial: 32  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377SDC.D\ECD2B.CH  
 Acq On : 22 Nov 2001 6:20 am Operator: Nefliu  
 Sample : 25377 spike dupe chlordanes Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:48 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:49:23

Sample: AD25377  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 12/4/01 12:47 Ended: 12/4/01 12:47 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       |      | 0.18   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
 Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
 Acq On : 23 Nov 101 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:19 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2874844  | 172955 | 0.178  | 0.180m |
| Spiked Amount          | 0.200 |       | Recovery | =      | 89.00% | 90.00% |

## Target Compounds

|                     |       |        |       |      |        |         |
|---------------------|-------|--------|-------|------|--------|---------|
| 1) Propachlor       | 14.15 | 0.00   | 1185  | 0    | 0.001  | N.D. d# |
| 3) Heptachlor       | 0.00  | 16.91f | 0     | 524  | N.D. d | 0.000   |
| 4) Aldrin           | 0.00  | 17.97  | 0     | 3323 | N.D. d | 0.001   |
| 5) Heptachlor Epoxi | 0.00  | 19.40f | 0     | 723  | N.D. d | 0.000   |
| 6) 4,4-DDE          | 20.78 | 21.21  | 1646  | 399  | 0.000  | 0.000 # |
| 7) Dieldrin         | 21.27 | 0.00   | 804   | 0    | 0.000  | N.D. #  |
| 8) Endrin           | 21.80 | 0.00   | 25303 | 0    | 0.001  | N.D. #  |

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

25377.D 112601P.M Wed Nov 28 11:19:42 2001

Page 1

# Quantitation Report

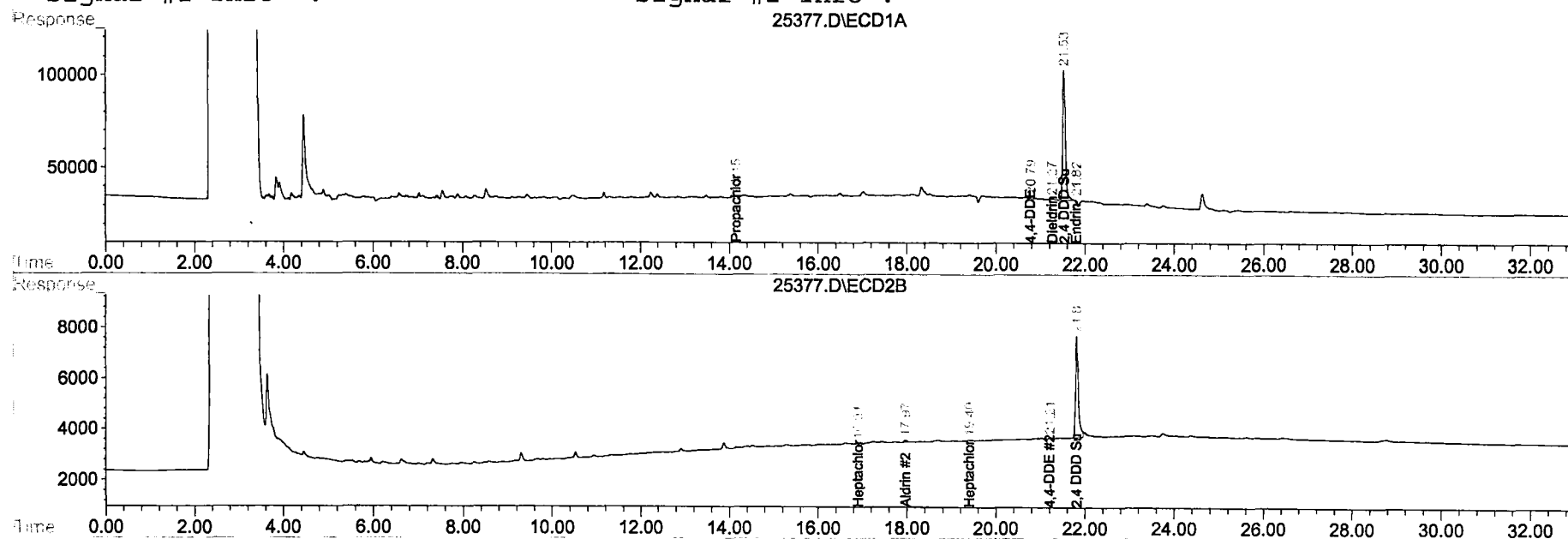
Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
 Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
 Acq On : 23 Nov 10 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:19 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25377.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH  
Acq On : 23 Nov 2001 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:46 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2873573  | 172052 | 0.174  | 0.183m |
| Spiked Amount 0.200         |       |       | Recovery | =      | 87.00% | 91.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) Chlordane 1              | 0.00  | 16.63 | 0        | 1311   | N.D. d | 0.017  |

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

25377.D 111701C.M Mon Dec 03 09:46:18 2001

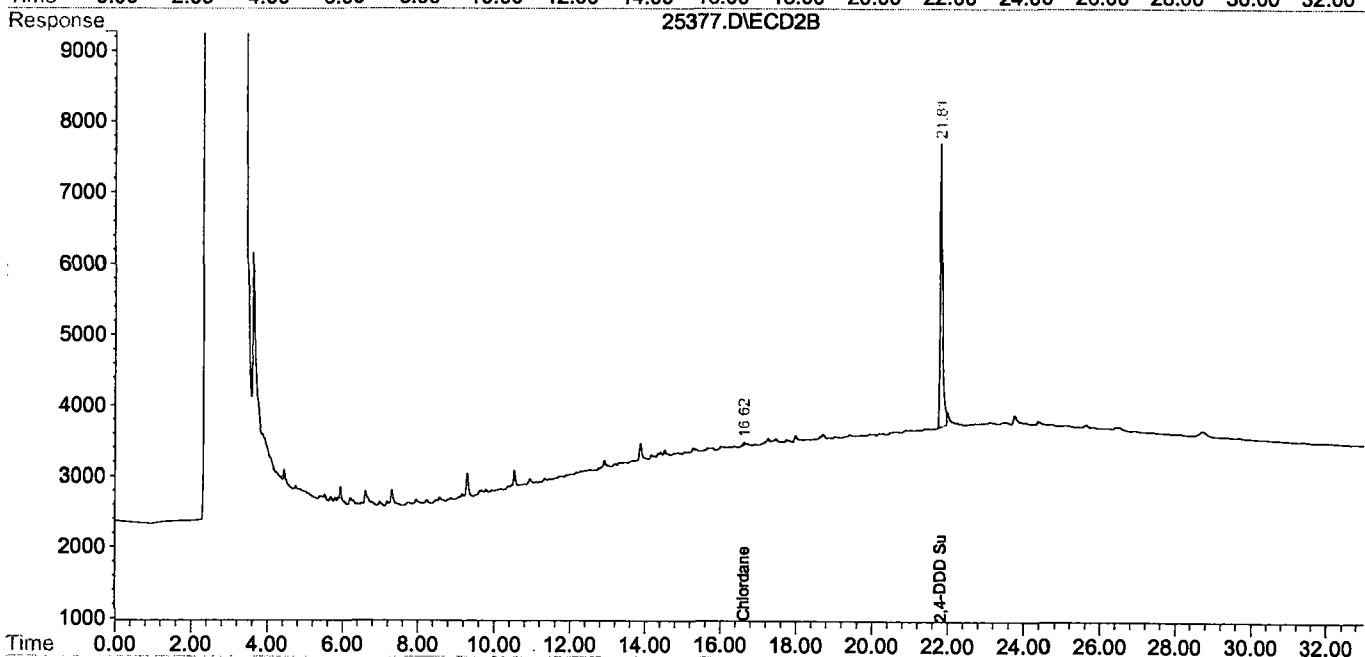
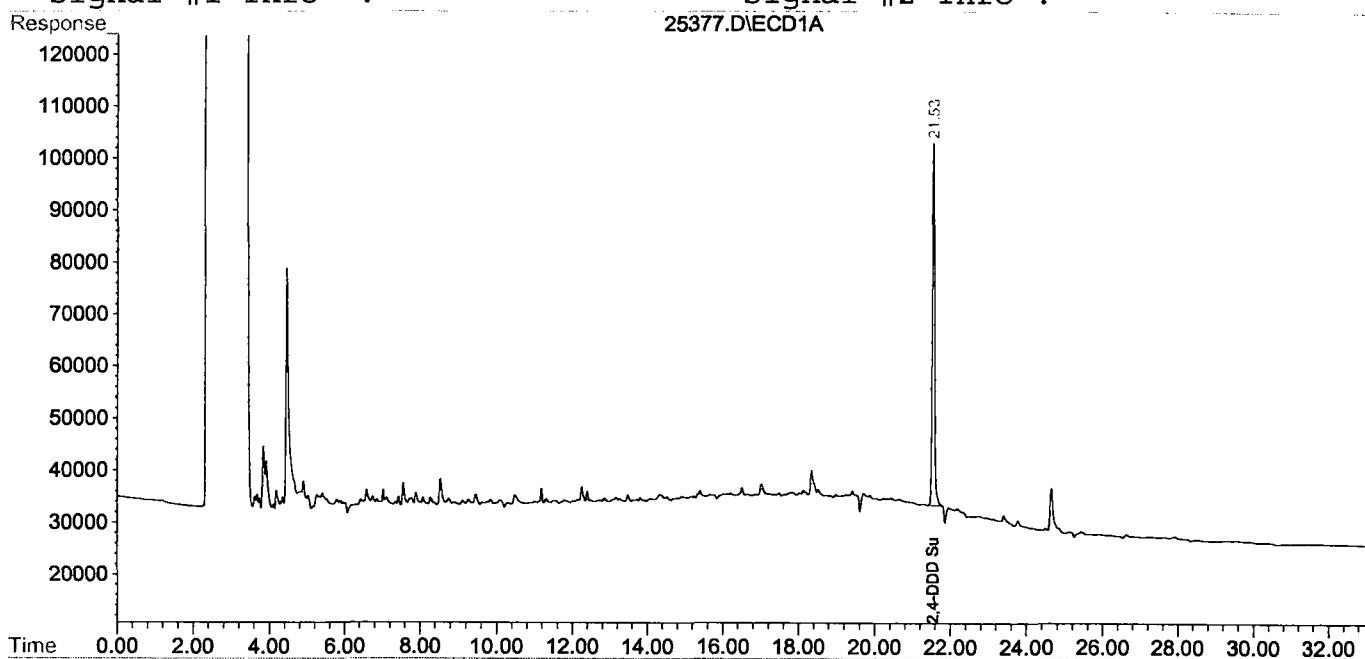
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH  
Acq On : 23 Nov 2001 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:46 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
Acq On : 23 Nov 101 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 13:06 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2883116  | 170309 | 0.146m | 0.177m |
|      | Spiked Amount    | 0.200 |       | Recovery | =      | 73.00% | 88.50% |

## Target Compounds

|    |       |       |      |        |   |       |        |
|----|-------|-------|------|--------|---|-------|--------|
| 1) | TOX-1 | 18.99 | 0.00 | 585928 | 0 | 4.607 | N.D. # |
|----|-------|-------|------|--------|---|-------|--------|

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

25377.D 112801T.M Wed Nov 28 13:06:13 2001

Page 1

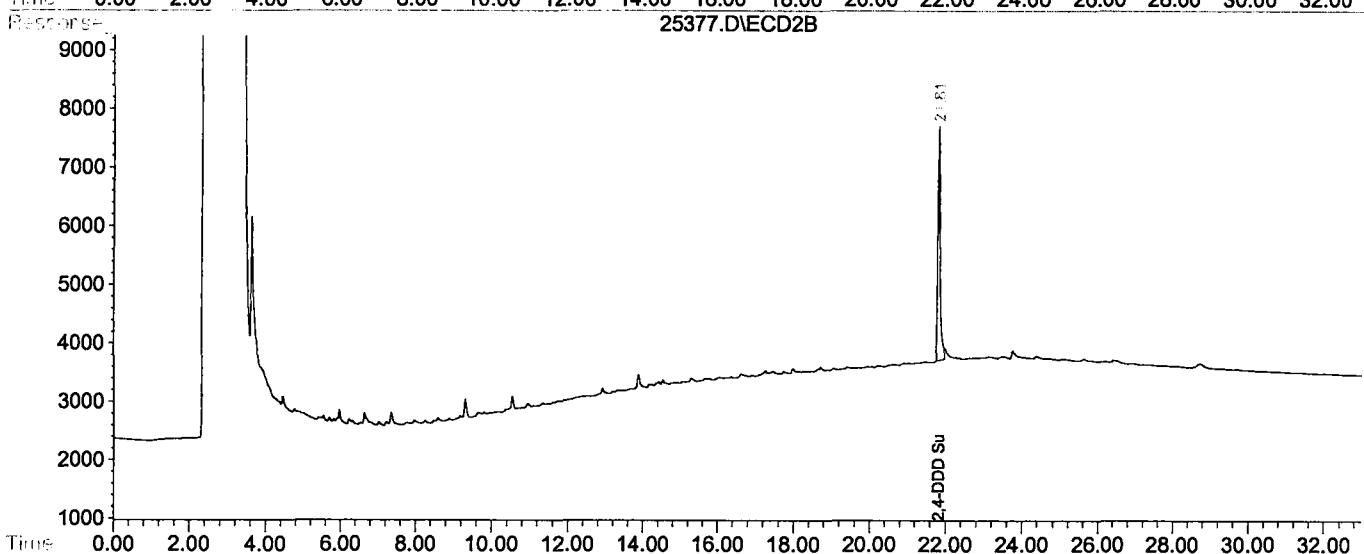
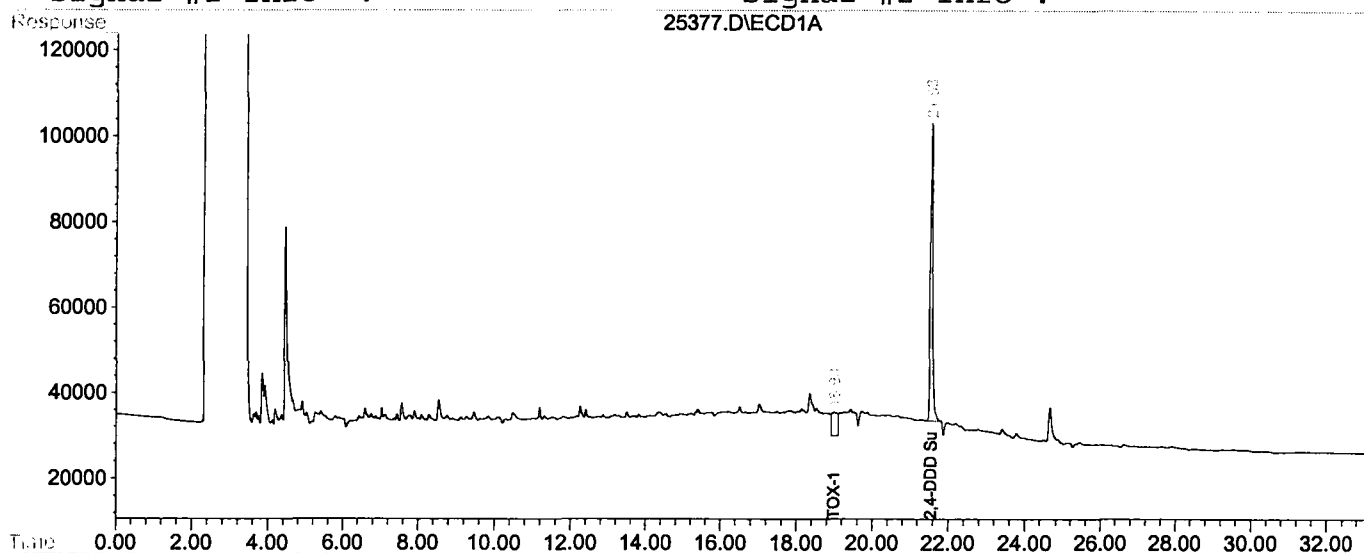
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:06 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
 Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
 Acq On : 23 Nov 101 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:37 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2873573  | 169732 | 0.174  | 0.180m |
| Spiked Amount         | 0.200 |       | Recovery | =      | 87.00% | 90.00% |

## Target Compounds

|                |       |       |      |      |       |         |
|----------------|-------|-------|------|------|-------|---------|
| 1) Chlordane 1 | 20.01 | 16.63 | 298  | 1311 | 0.000 | 0.017 # |
| 2) Chlordane 2 | 20.43 | 0.00  | 2416 | 0    | 0.001 | N.D. #  |
| 3) Chlordane 3 | 20.57 | 0.00  | 398  | 0    | 0.000 | N.D. #  |

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

25377.D 111701C.M Wed Nov 28 13:37:39 2001

Page 1

# Quantitation Report

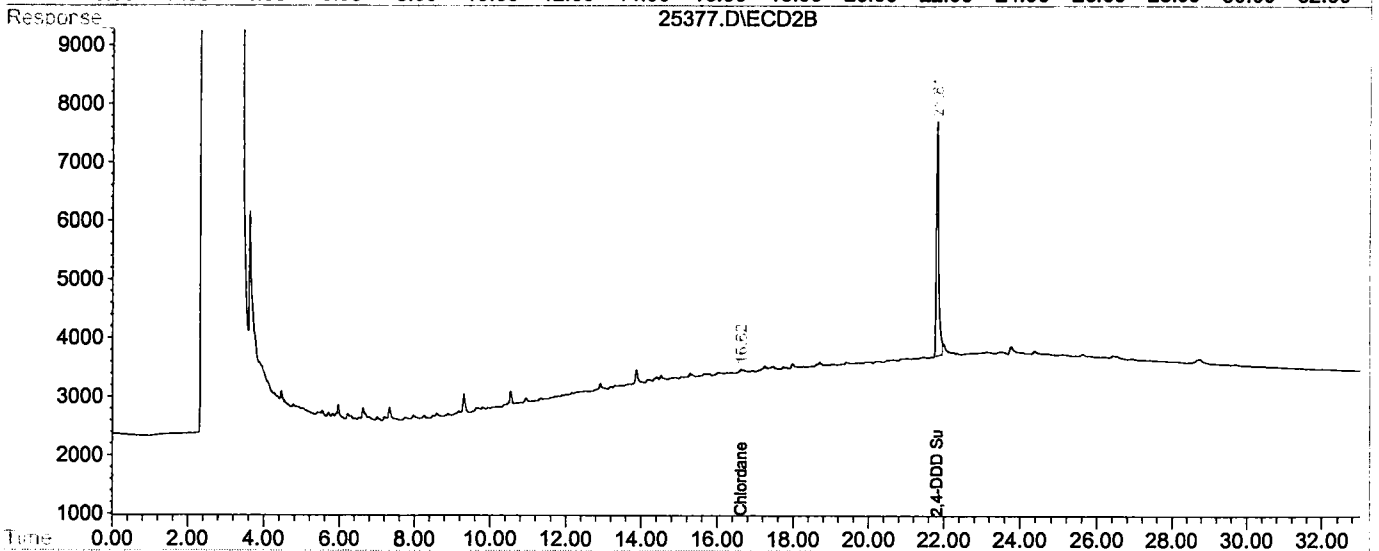
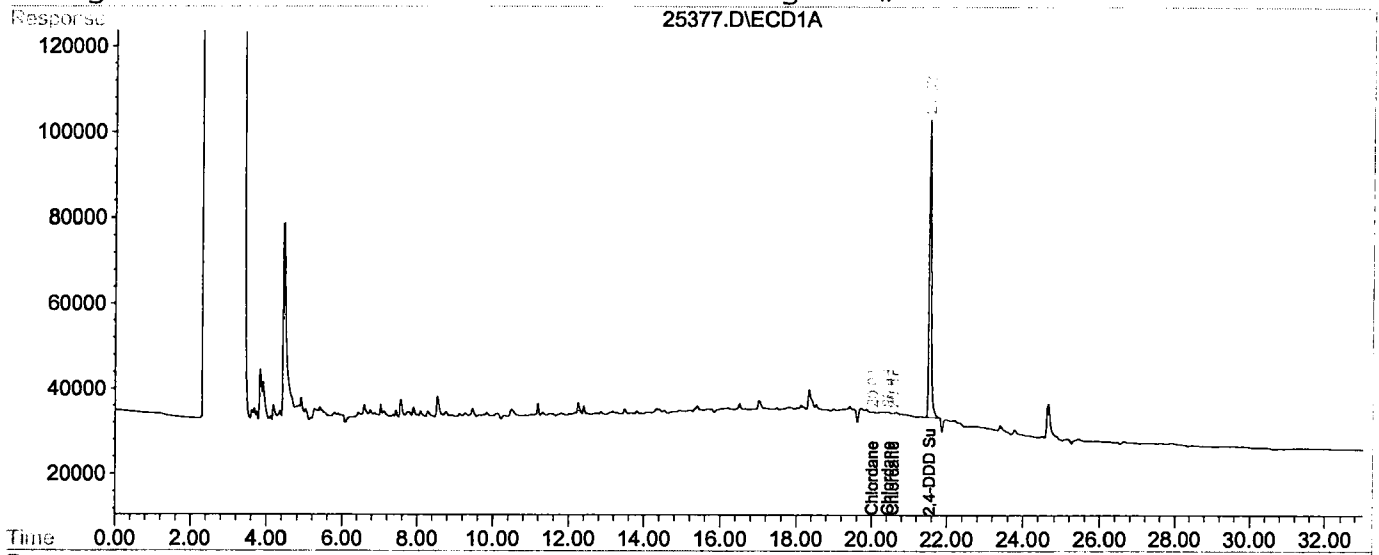
Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
 Acq On : 23 Nov 2010 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH Vial: 49  
 Acq On : 23 Nov 101 5:37 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:37 19101 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25377.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH  
Acq On : 23 Nov 2001 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:03 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2882659  | 169892 | 0.183  | 0.253m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 91.50% | 126.50% |
| Target Compounds            |       |       |          |        |        |         |
| 4) 1016-4                   | 17.48 | 17.73 | 13556    | 667    | 0.013  | 0.014   |
| 5) 1016-5                   | 0.00  | 17.97 | 0        | 3323   | N.D. d | 0.055   |

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

25377.D PCB1016.M Mon Dec 03 11:03:32 2001

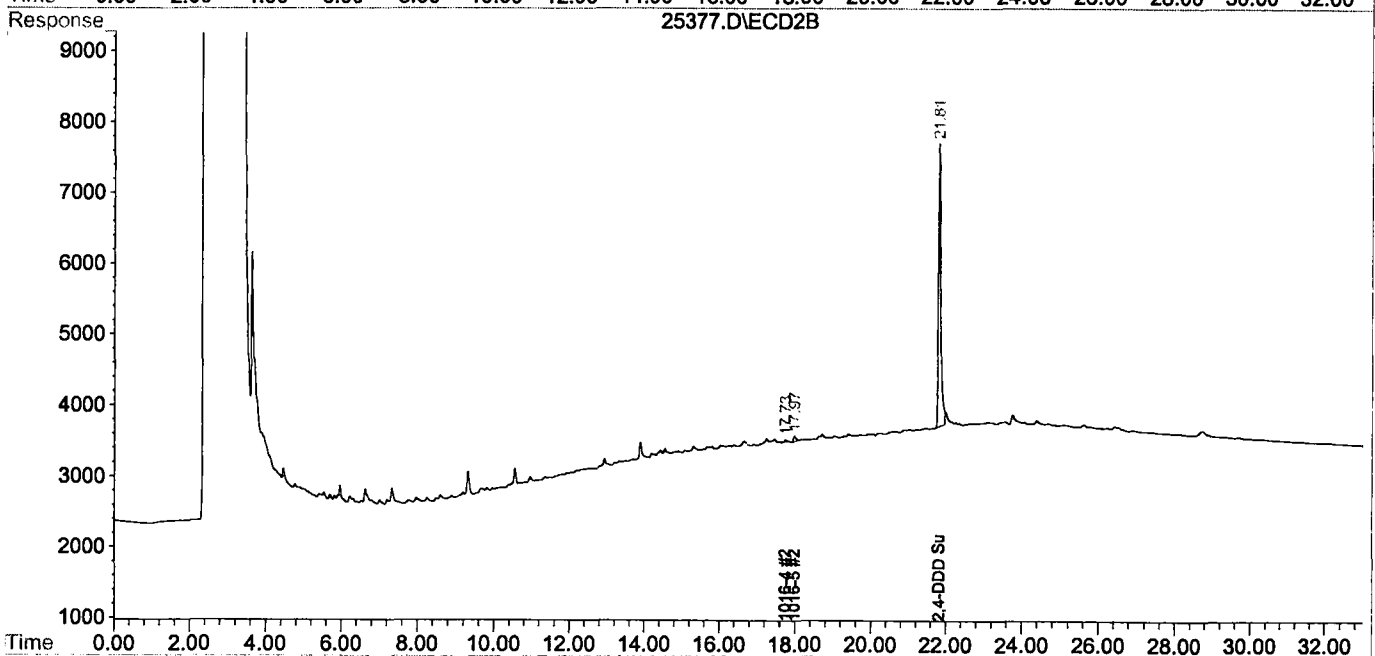
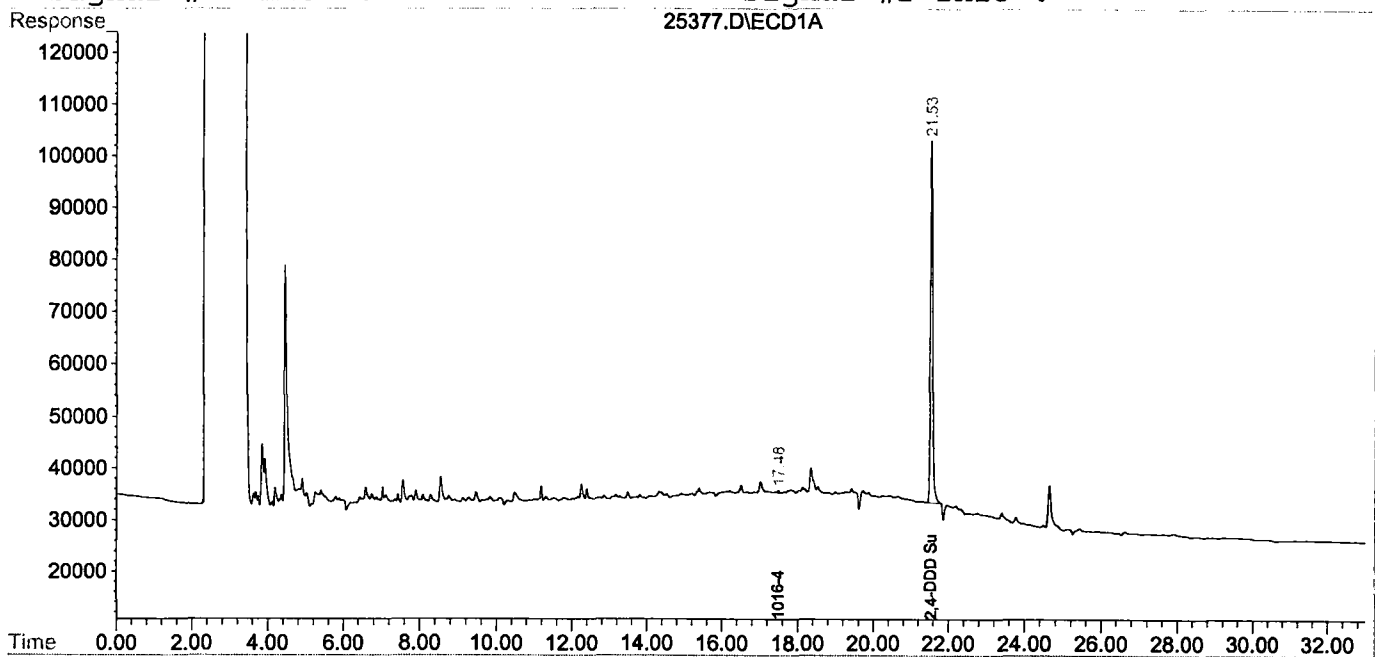
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD1A.CH Vial: 49  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25377.D\ECD2B.CH  
Acq On : 23 Nov 2001 5:37 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:03 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25377 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:10:23

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:50:25

Sample: AD25457  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/24/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.18   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Acq On : 23 Nov 2010 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH Vial: 50  
 Acq On : 23 Nov 101 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:20 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2819589  | 172901 | 0.174m | 0.180m |
| Spiked Amount 0.200    |       |       | Recovery | =      | 87.00% | 90.00% |

## Target Compounds

|                     |       |        |        |      |        |         |
|---------------------|-------|--------|--------|------|--------|---------|
| 1) Propachlor       | 14.23 | 13.66  | 91172  | 3333 | 0.039m | 0.022m# |
| 2) g-BHC            | 16.38 | 0.00   | 9490   | 0    | 0.000  | N.D. #  |
| 3) Heptachlor       | 17.02 | 17.11  | 165544 | 9285 | 0.004  | 0.005   |
| 4) Aldrin           | 17.74 | 17.99  | 833    | 4530 | 0.000  | 0.002 # |
| 5) Heptachlor Epoxi | 19.53 | 0.00   | 198568 | 0    | 0.006  | N.D. #  |
| 6) 4,4-DDE          | 20.79 | 20.94  | 2125   | 1075 | 0.000  | 0.001 # |
| 7) Dieldrin         | 21.30 | 21.28f | 11359  | 3172 | 0.000  | 0.001 # |

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

25457.D 112601P.M Wed Nov 28 11:20:38 2001

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# Quantitation Report

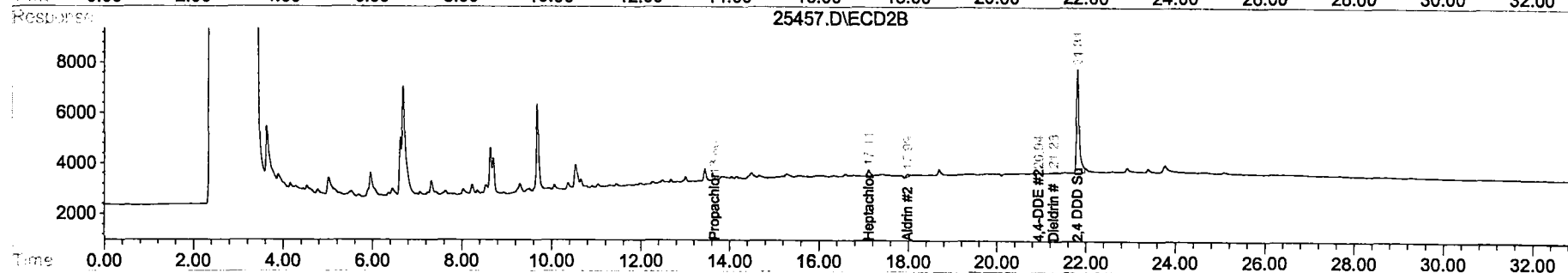
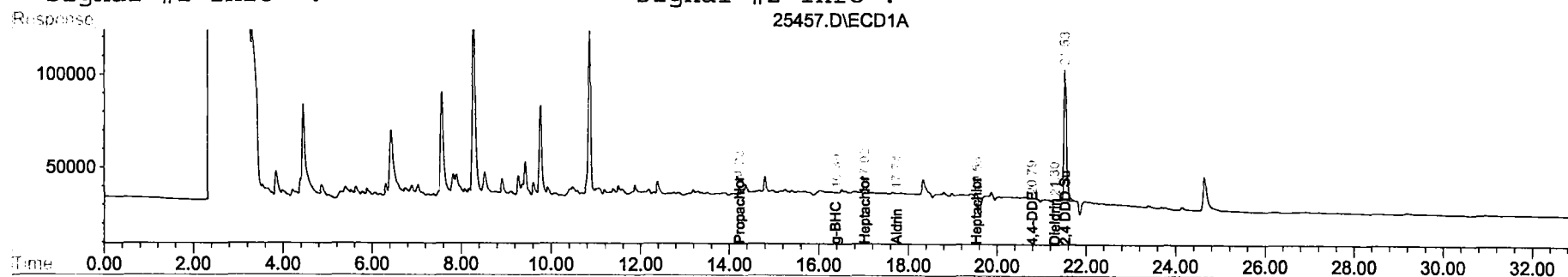
Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Acq On : 23 Nov 2010 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH Vial: 50  
 Acq On : 23 Nov 101 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:20 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:14 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:49 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2828487  | 169345 | 0.171m | 0.180m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 85.50% | 90.00% |

Target Compounds

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

25457.D 111701C.M Mon Dec 03 09:49:30 2001

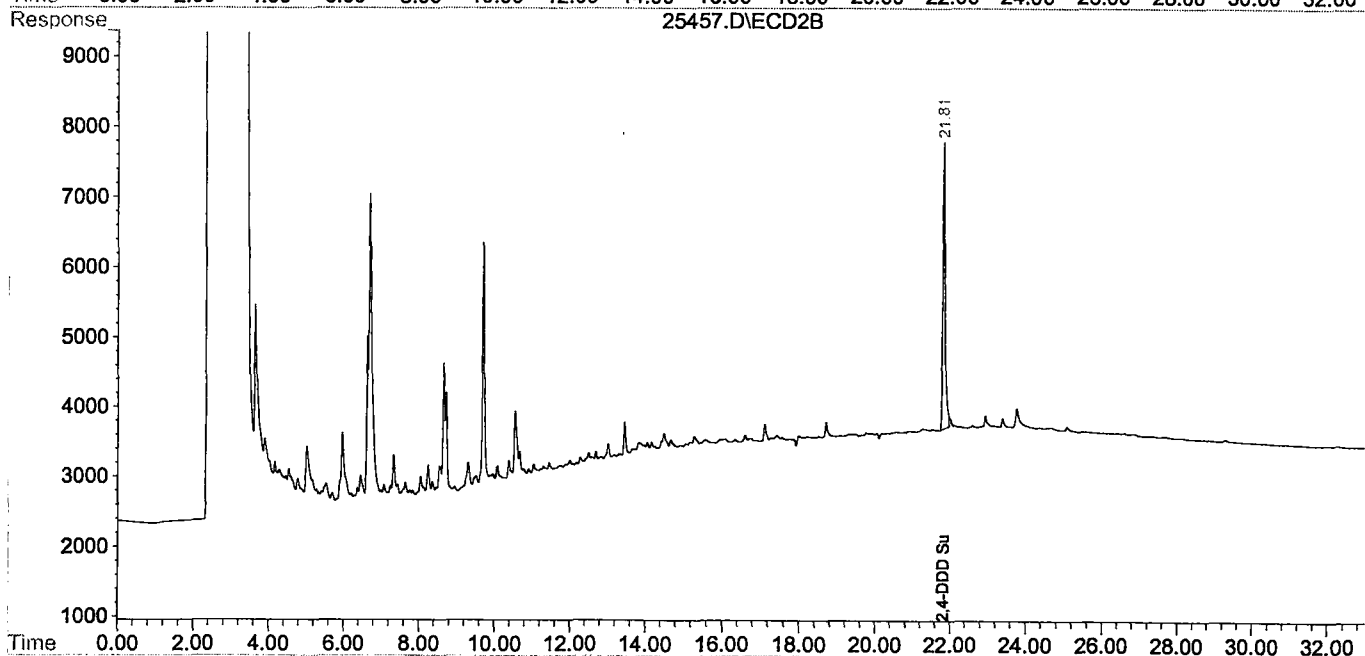
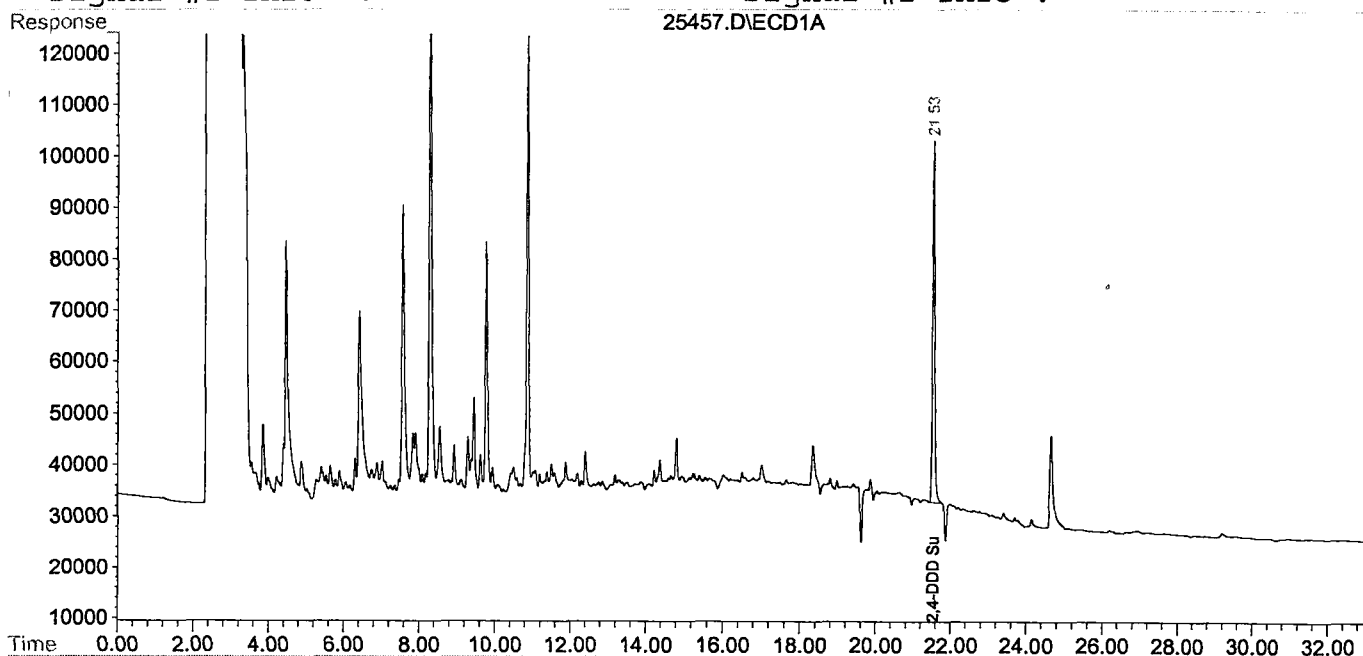
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH  
 Acq On : 23 Nov 2001 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:49 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Acq On : 23 Nov 2010 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH Vial: 50  
 Acq On : 23 Nov 101 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:06 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2851505  | 172383 | 0.144m | 0.179m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 72.00% | 89.50% |

Target Compounds

# Quantitation Report

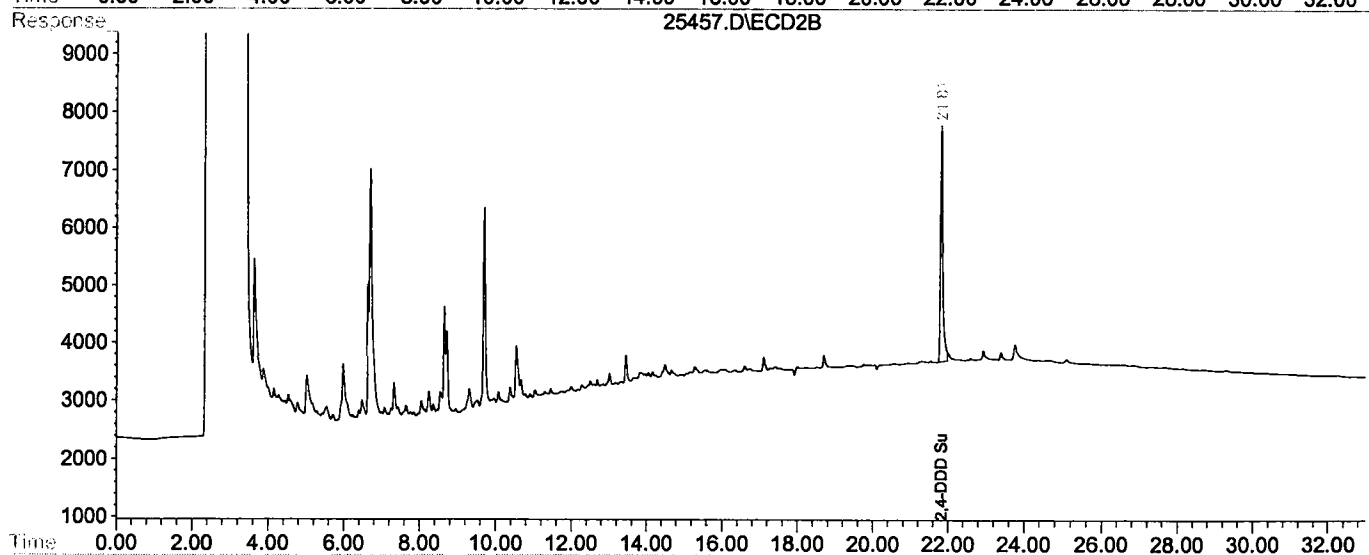
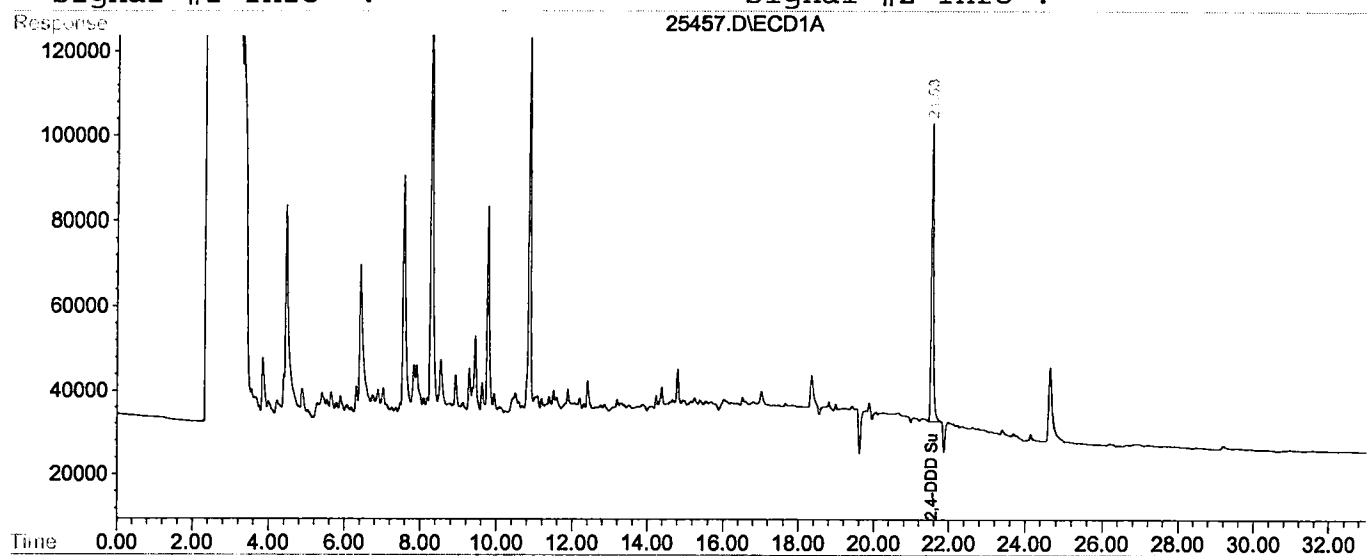
Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Acq On : 23 Nov 2010 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH Vial: 50  
 Acq On : 23 Nov 10 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:06 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25457.D\ECD1A.CH Vial: 50  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:14 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:04 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2825035  | 173309 | 0.179m | 0.258m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 89.50% | 129.00% |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.38 | 0.00  | 154737   | 0      | 0.162  | N.D. d# |
| 2) 1016-2                   | 15.39 | 0.00  | 37676    | 0      | 0.020  | N.D. #  |
| 3) 1016-3                   | 0.00  | 17.11 | 0        | 9285   | N.D. d | 0.058   |
| 5) 1016-5                   | 0.00  | 17.99 | 0        | 4530   | N.D. d | 0.076   |
| 6) 1016-6                   | 0.00  | 18.70 | 0        | 8519   | N.D. d | 0.169   |

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

25457.D PCB1016.M Mon Dec 03 11:04:09 2001

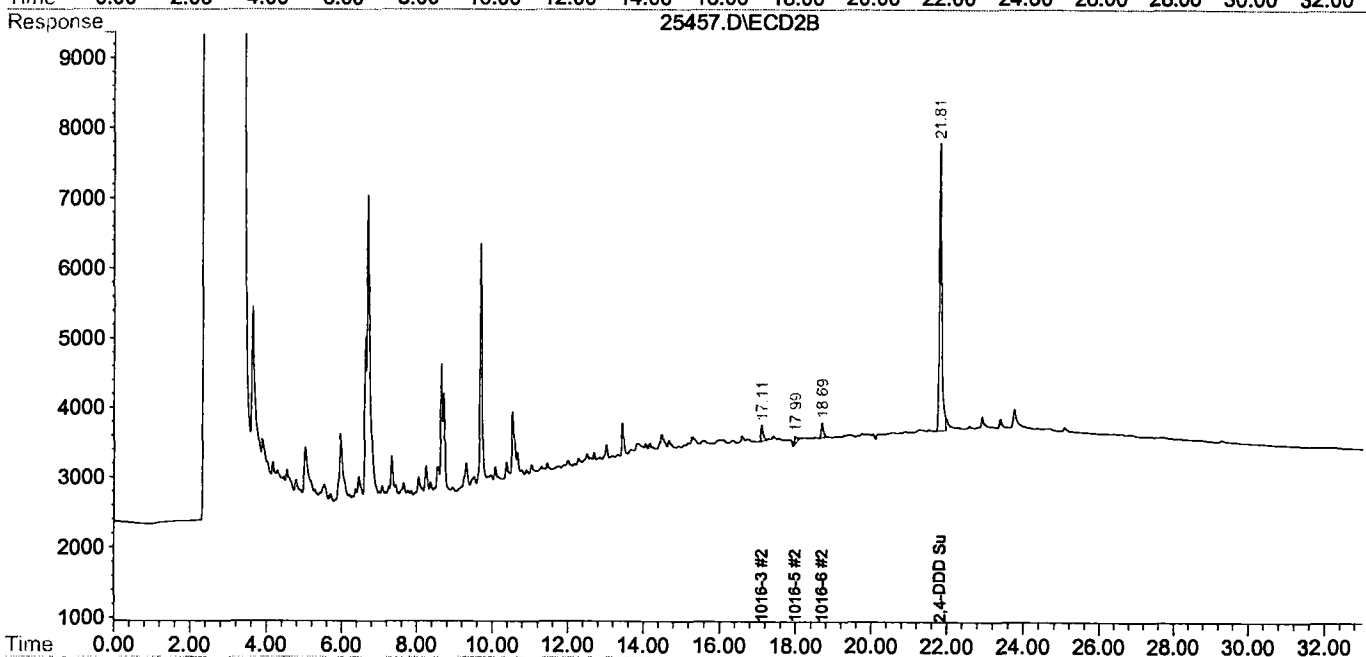
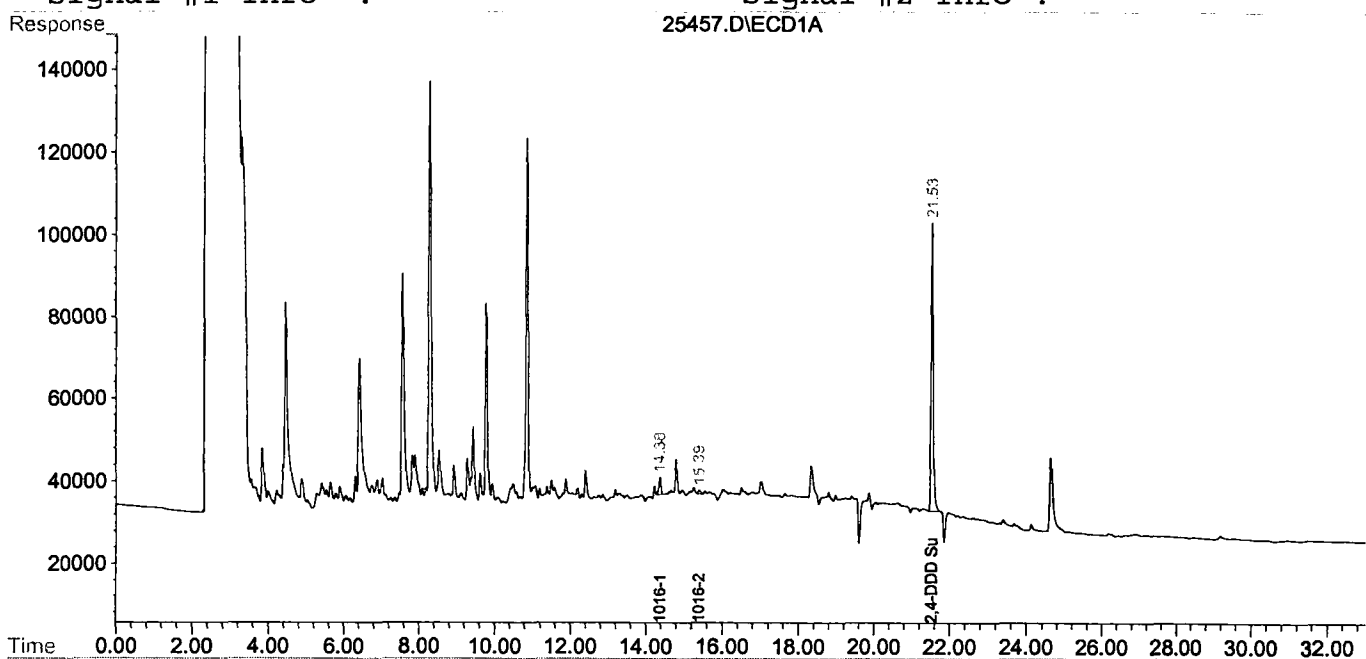
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD1A.CH Vial: 50  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25457.D\ECD2B.CH  
 Acq On : 23 Nov 2001 6:14 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:04 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25457 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:11:25

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:51:16

Sample: AD25458  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.095  |           |       |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
 Acq On : 23 Nov 2010 6:52 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH Vial: 51  
 Acq On : 23 Nov 101 6:52 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:21 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 1594768  | 91284 | 0.099m | 0.095m |
| Spiked Amount          | 0.200 |       | Recovery | =     | 49.50% | 47.50% |

Target Compounds

|                     |       |        |       |      |        |         |
|---------------------|-------|--------|-------|------|--------|---------|
| 1) Propachlor       | 14.23 | 0.00   | 25992 | 0    | 0.011  | N.D. d# |
| 2) g-BHC            | 16.40 | 15.96f | 1571  | 487  | 0.000  | 0.000 # |
| 4) Aldrin           | 0.00  | 17.99  | 0     | 1900 | N.D. d | 0.001   |
| 5) Heptachlor Epoxi | 19.54 | 0.00   | 59789 | 0    | 0.002  | N.D. d# |
| 6) 4,4-DDE          | 20.78 | 21.42f | 5870  | 170  | 0.000  | 0.000 # |
| 7) Dieldrin         | 21.29 | 21.42  | 10586 | 170  | 0.000  | 0.000 # |

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

25458.D 112601P.M Wed Nov 28 11:21:28 2001

# Quantitation Report

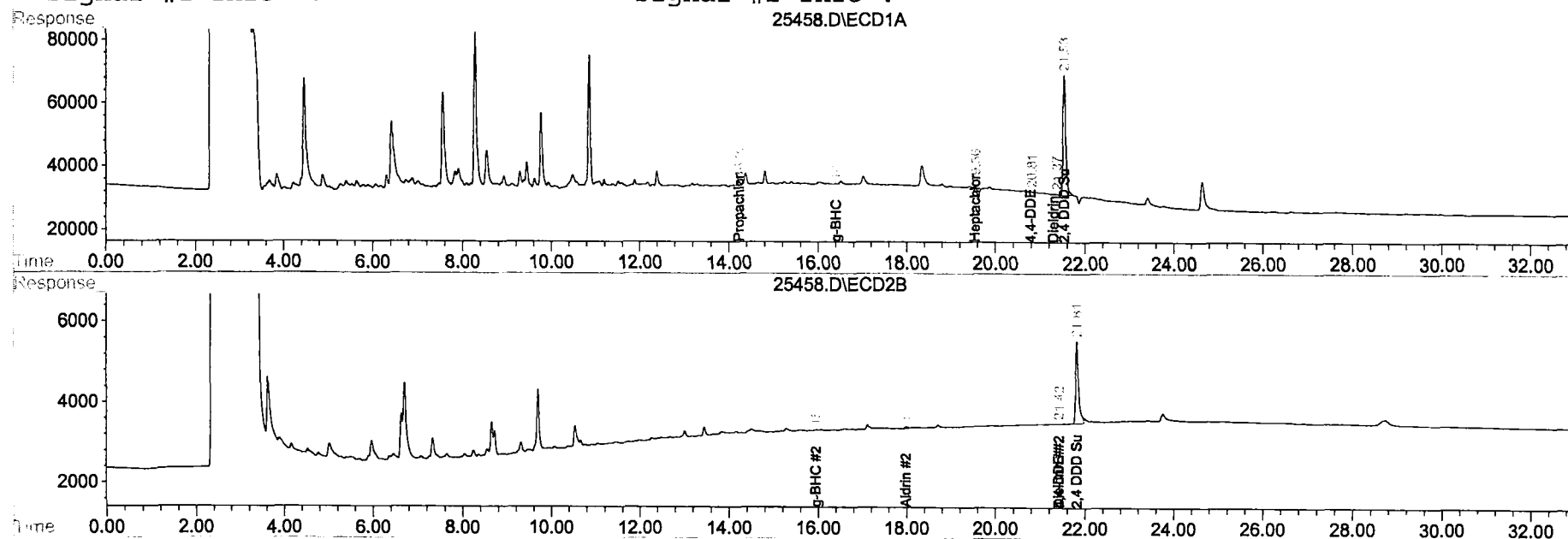
Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
 Acq On : 23 Nov 2010 6:52 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH Vial: 51  
 Acq On : 23 Nov 10 6:52 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:21 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25458.D\ECD1A.CH Vial: 51  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:49 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 1605866  | 90823 | 0.097m | 0.096m |
|      | Spiked Amount    | 0.200 |       | Recovery | =     | 48.50% | 48.00% |

## Target Compounds

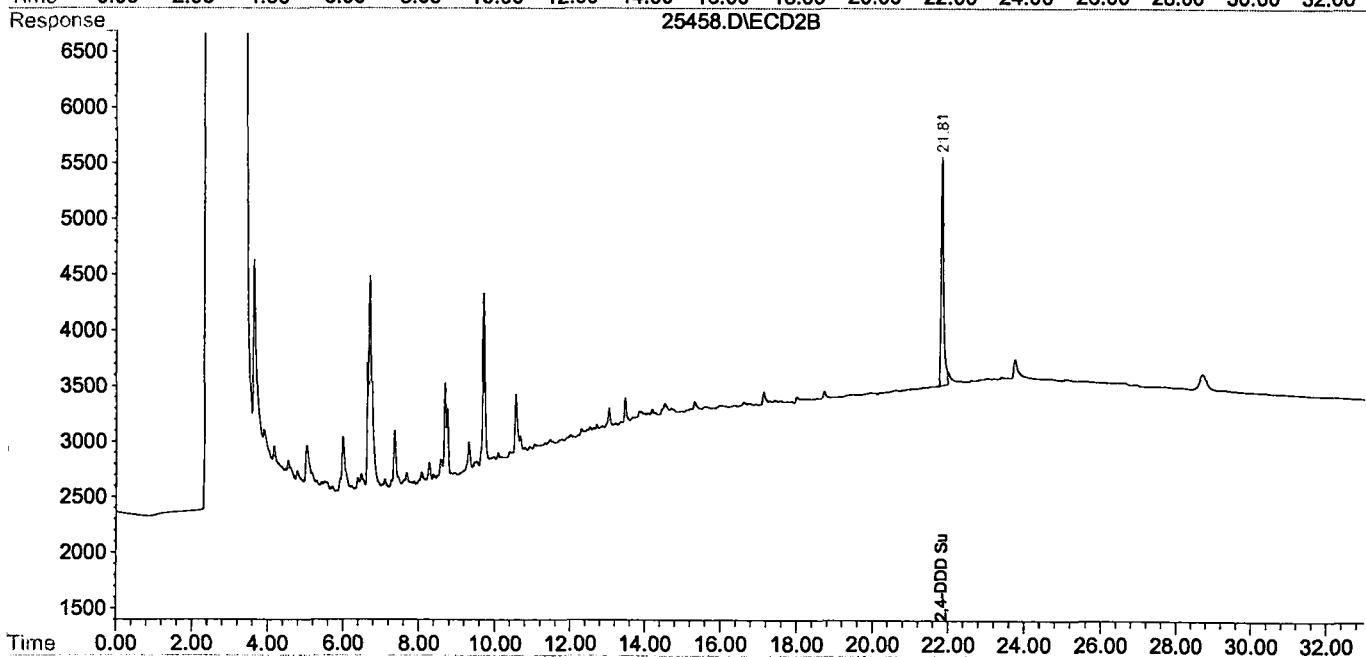
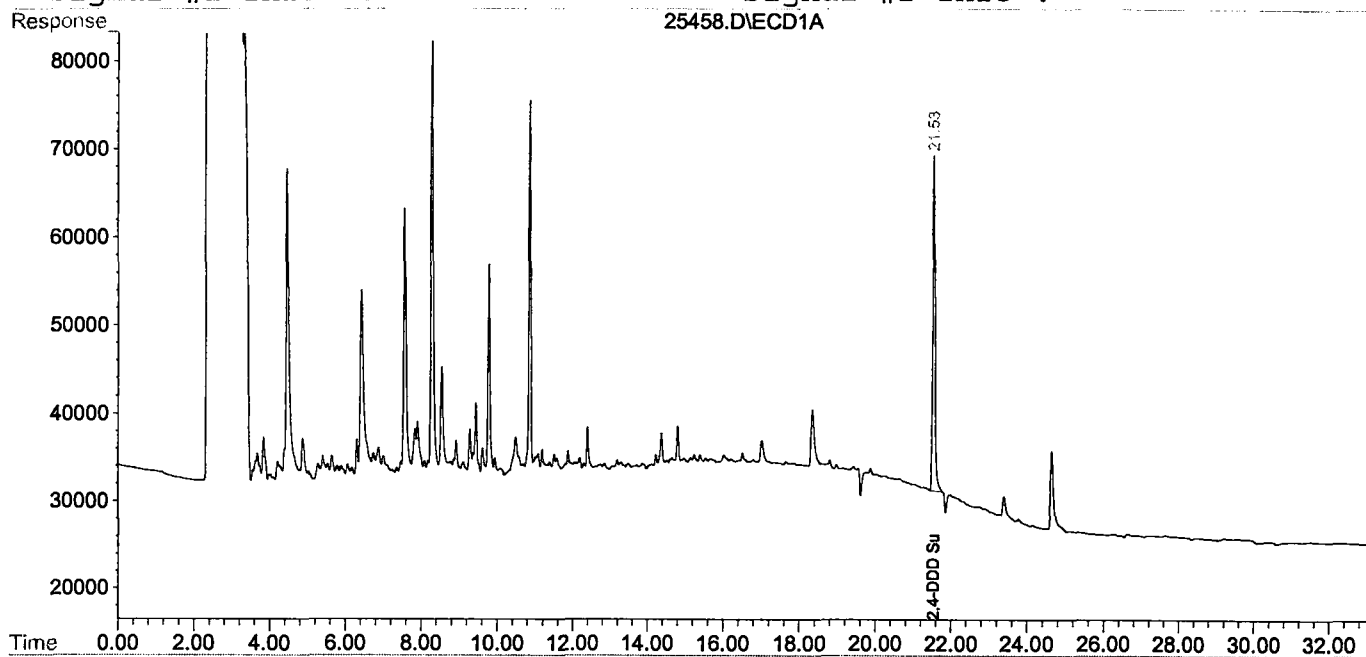
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
25458.D 111701C.M Mon Dec 03 09:50:05 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:49 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
Acq On : 23 Nov 2010 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH Vial: 51  
Acq On : 23 Nov 10 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:07 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 1599929  | 89171  | 0.081m | 0.093m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 40.50% | 46.50% |

Target Compounds

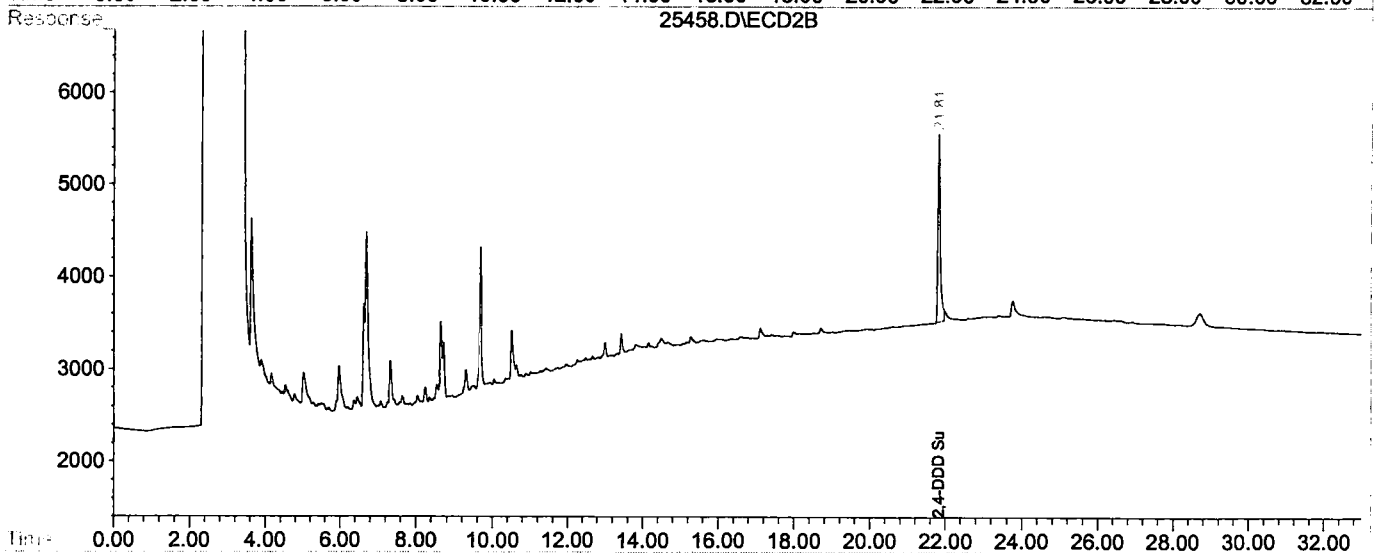
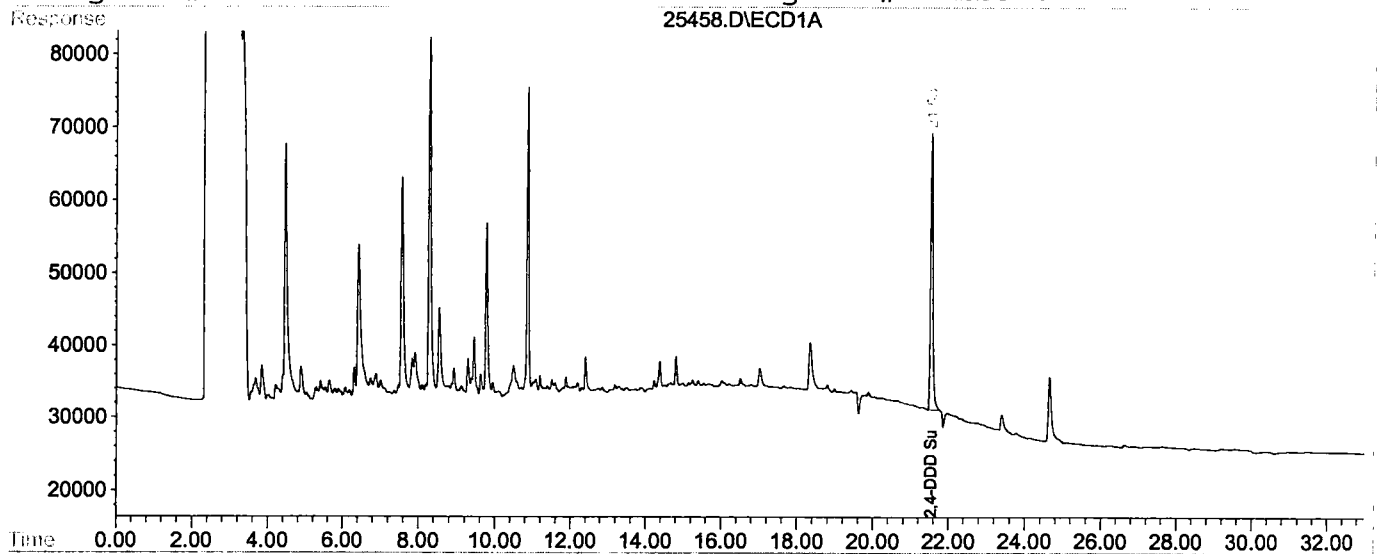
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
Acq On : 23 Nov 2010 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH Vial: 51  
Acq On : 23 Nov 101 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:07 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25458.D\ECD1A.CH Vial: 51  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:04 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 1599467  | 88244  | 0.102m | 0.131m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 51.00% | 65.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.38 | 0.00  | 127684   | 0      | 0.134  | N.D. d# |
| 3) 1016-3                   | 0.00  | 17.12 | 0        | 4041   | N.D. d | 0.025   |
| 5) 1016-5                   | 0.00  | 17.99 | 0        | 1900   | N.D. d | 0.032   |
| 6) 1016-6                   | 0.00  | 18.70 | 0        | 2373   | N.D. d | 0.047   |

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

25458.D PCB1016.M Mon Dec 03 11:04:44 2001

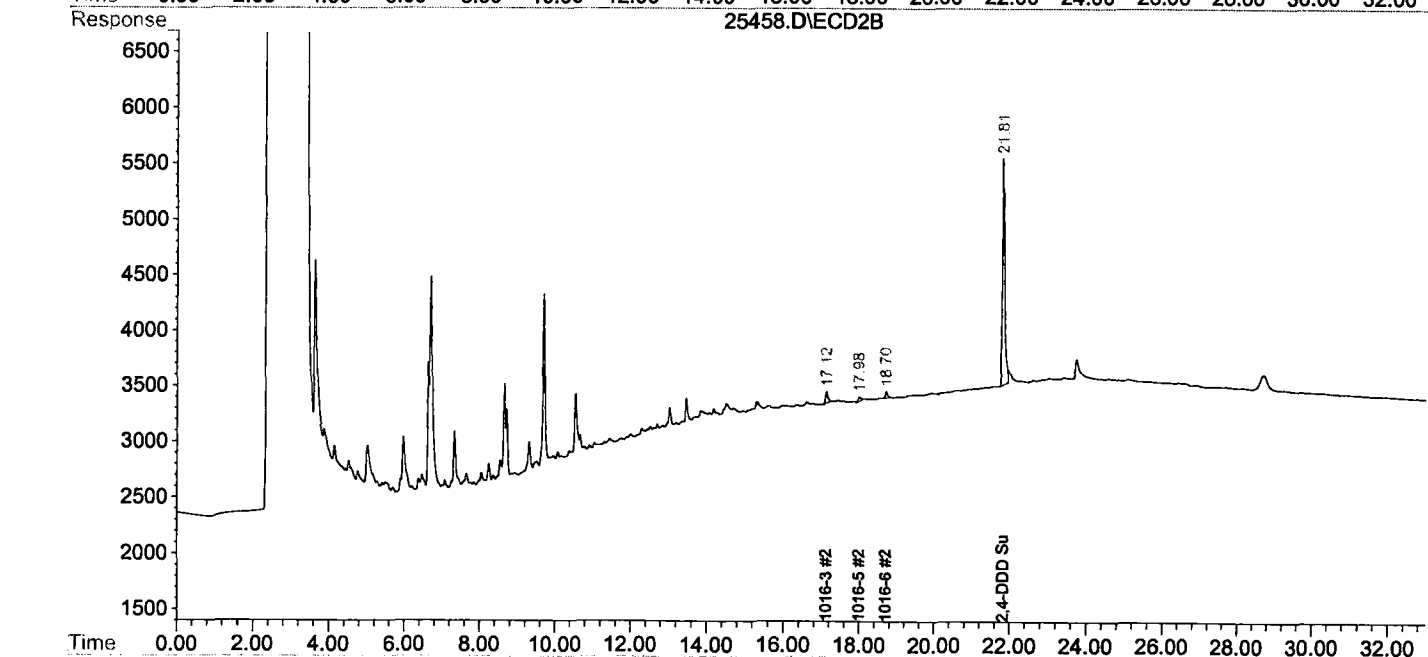
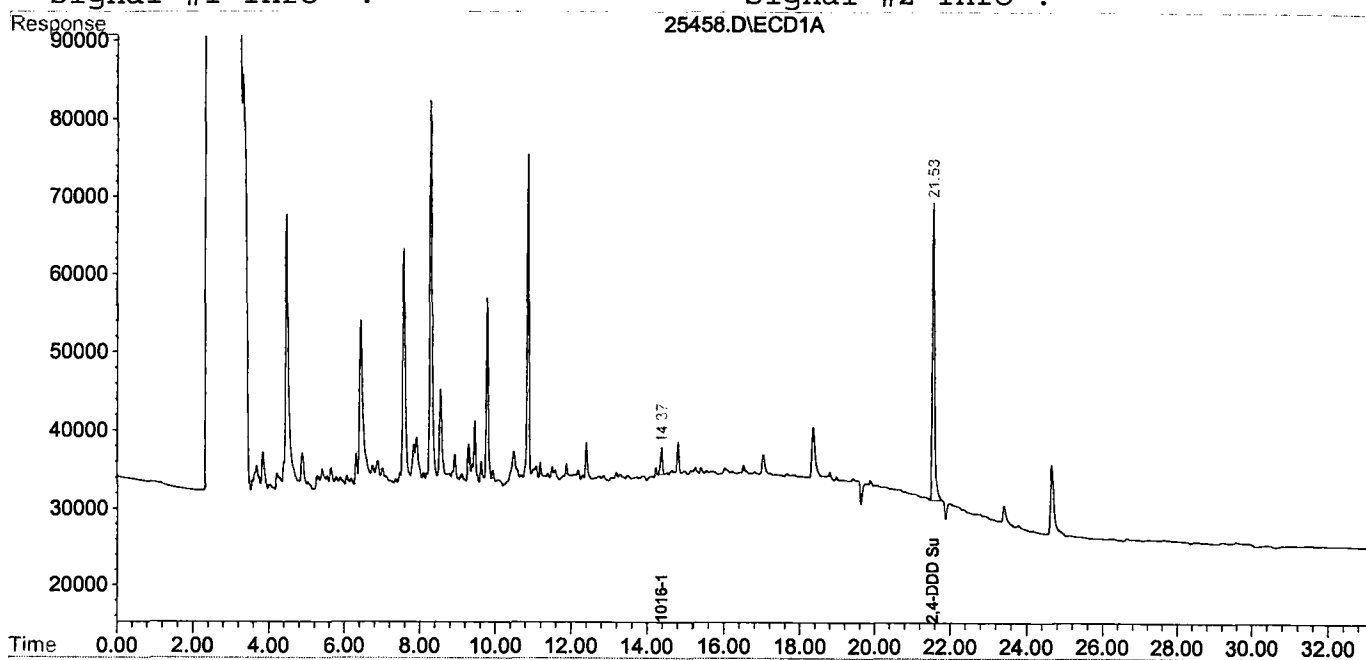
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD1A.CH Vial: 51  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25458.D\ECD2B.CH  
Acq On : 23 Nov 2001 6:52 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:04 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



25458.D PCB1016.M Mon Dec 03 11:04:45 2001

Page 2

**Comments for Sample AD25458 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:12:47

The recovery for the Surrogate Standard in this sample was below its acceptance range.

User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:51:58

Sample: AD25459  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.19   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
 Acq On : 23 Nov 2010 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH Vial: 52  
 Acq On : 23 Nov 101 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E  
 Quant Time: Nov 28 11:22 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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/1 | ug/1 |
|----------|------|------|--------|--------|------|------|
|----------|------|------|--------|--------|------|------|

## System Monitoring Compounds

|                        |       |       |          |        |        |        |
|------------------------|-------|-------|----------|--------|--------|--------|
| 10) S 2,4 DDD Surrogat | 21.53 | 21.81 | 2995482  | 180488 | 0.185m | 0.188m |
| Spiked Amount 0.200    |       |       | Recovery | =      | 92.50% | 94.00% |

## Target Compounds

|                     |        |        |        |      |       |         |
|---------------------|--------|--------|--------|------|-------|---------|
| 1) Propachlor       | 14.23  | 13.65  | 72530  | 3026 | 0.031 | 0.020m# |
| 4) Aldrin           | 17.74  | 17.99  | 348    | 2177 | 0.000 | 0.001 # |
| 5) Heptachlor Epoxi | 19.54  | 0.00   | 67166  | 0    | 0.002 | N.D. d# |
| 6) 4,4-DDE          | 20.64  | 20.93  | 10599  | 1580 | 0.000 | 0.001 # |
| 7) Dieldrin         | 21.30  | 21.54f | 1623   | 492  | 0.000 | 0.000 # |
| 8) Endrin           | 21.97f | 0.00   | 113867 | 0    | 0.006 | N.D. #  |

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

25459.D 112601P.M Wed Nov 28 11:22:20 2001

Page 1

# Quantitation Report

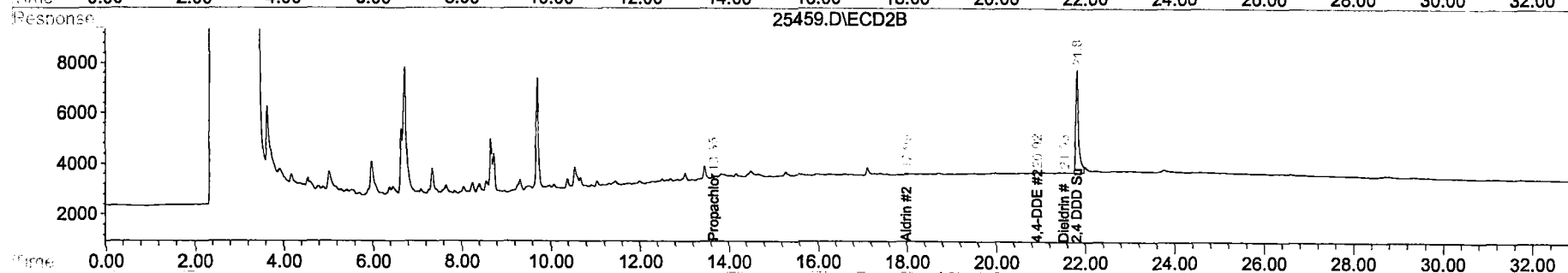
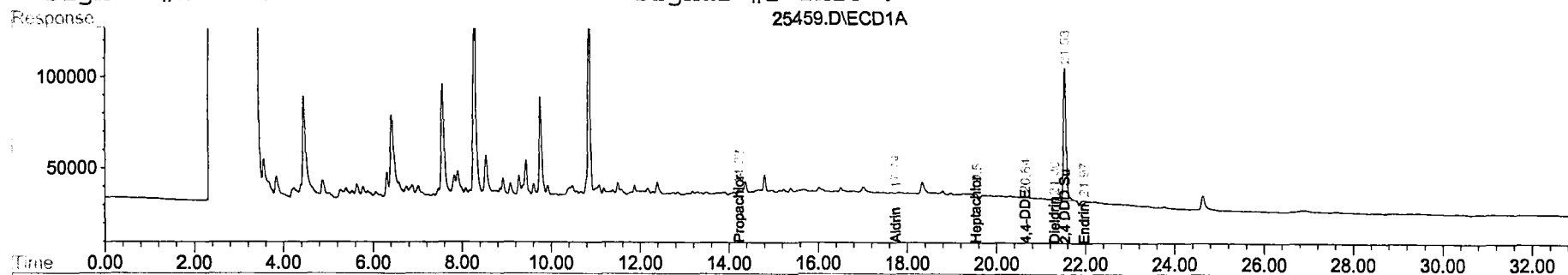
Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
 Acq On : 23 Nov 2010 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH Vial: 52  
 Acq On : 23 Nov 10 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:22 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
Acq On : 23 Nov 2010 7:30 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH Vial: 52  
Acq On : 23 Nov 10 7:30 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 13:07 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 3016164  | 177866 | 0.153m | 0.185m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 76.50% | 92.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) TOX-1                    | 18.98 | 0.00  | 847051   | 0      | 6.660  | N.D. # |

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

25459.D 112801T.M Wed Nov 28 13:07:56 2001

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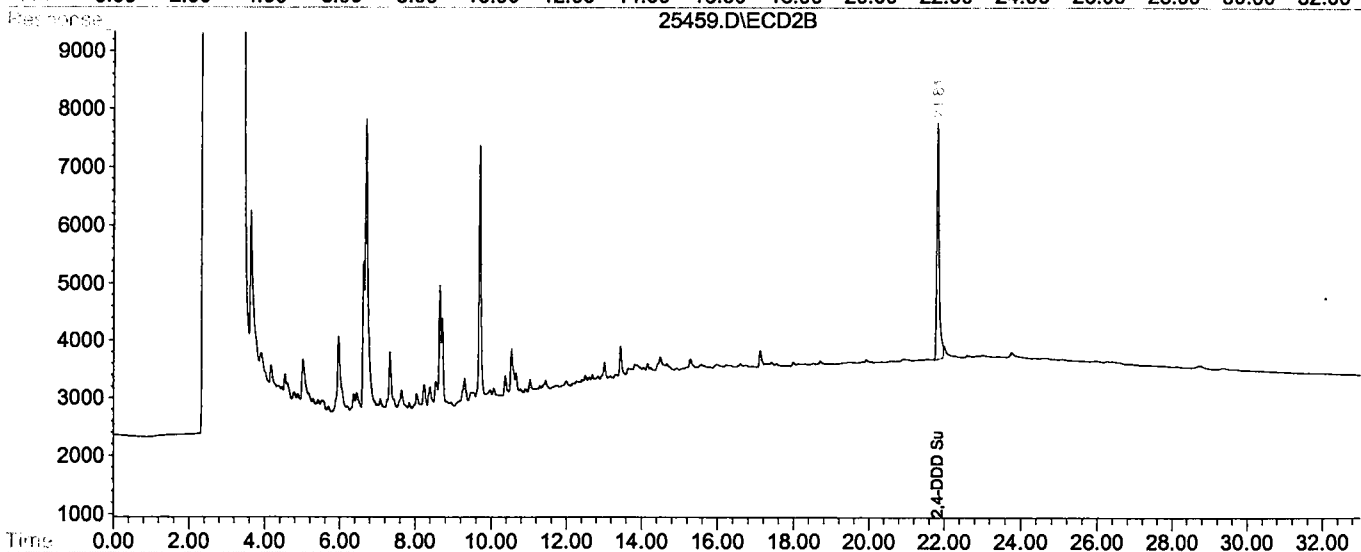
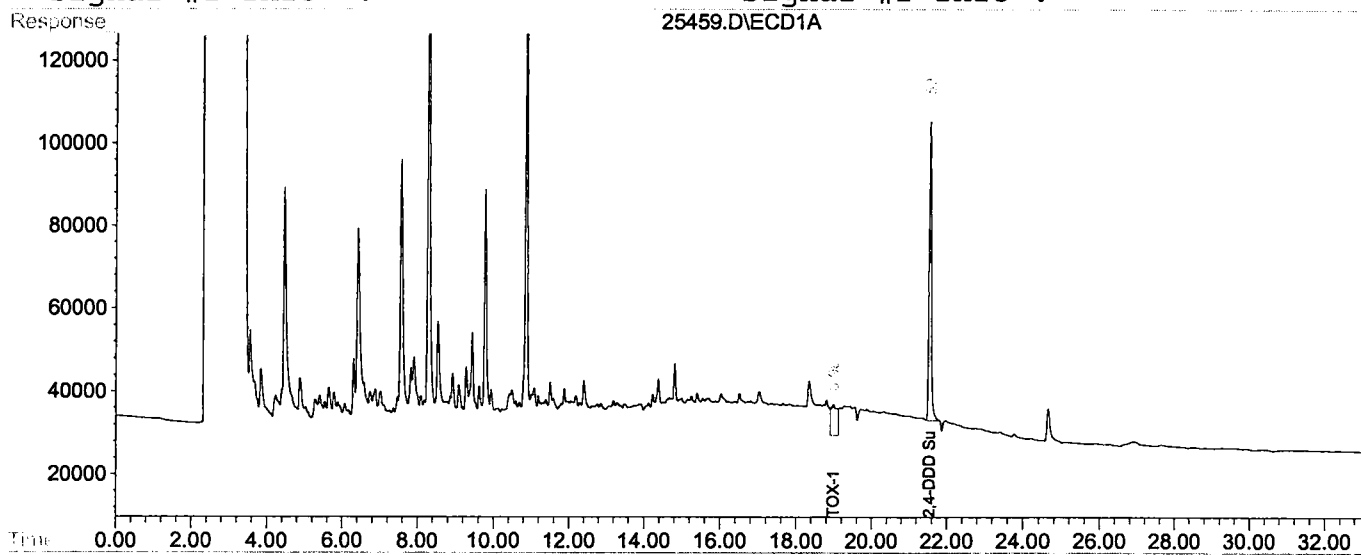
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
 Acq On : 23 Nov 2010 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH Vial: 52  
 Acq On : 23 Nov 101 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:07 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25459.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH  
Acq On : 23 Nov 2001 7:30 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:50 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 3006369  | 177279 | 0.182m | 0.188m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 91.00% | 94.00% |

Target Compounds

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

25459.D 111701C.M Mon Dec 03 09:50:34 2001

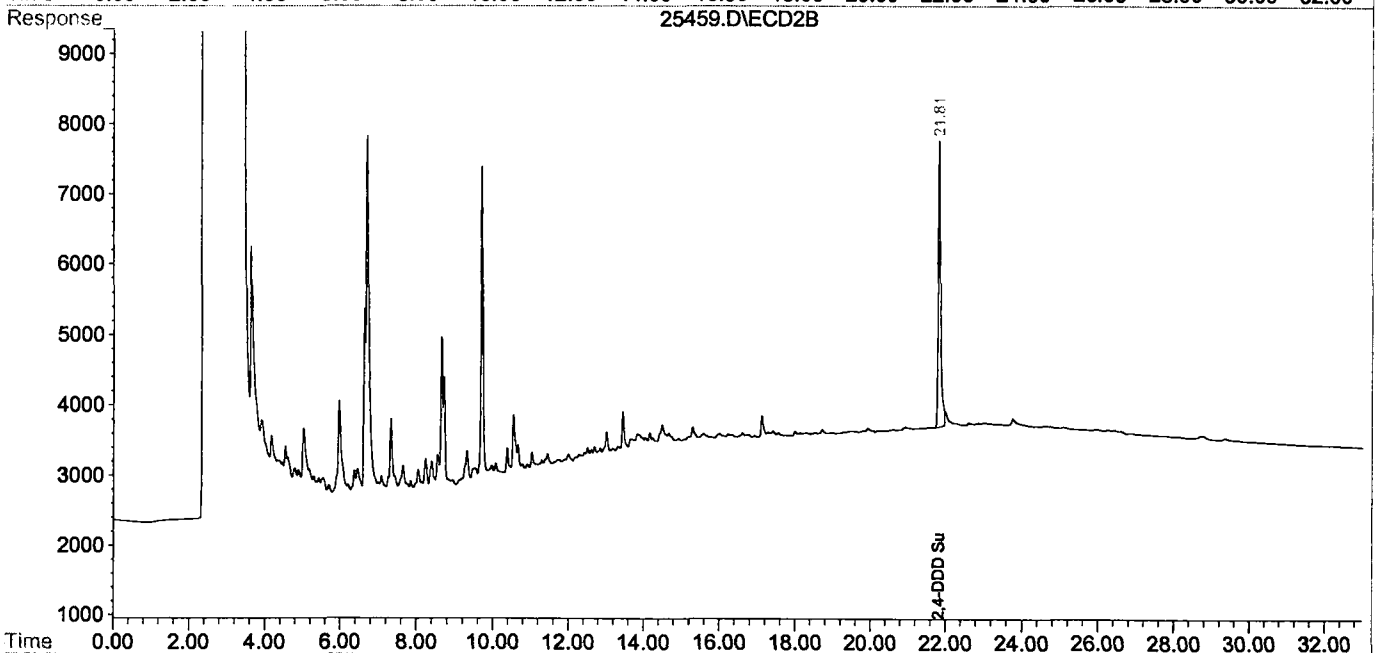
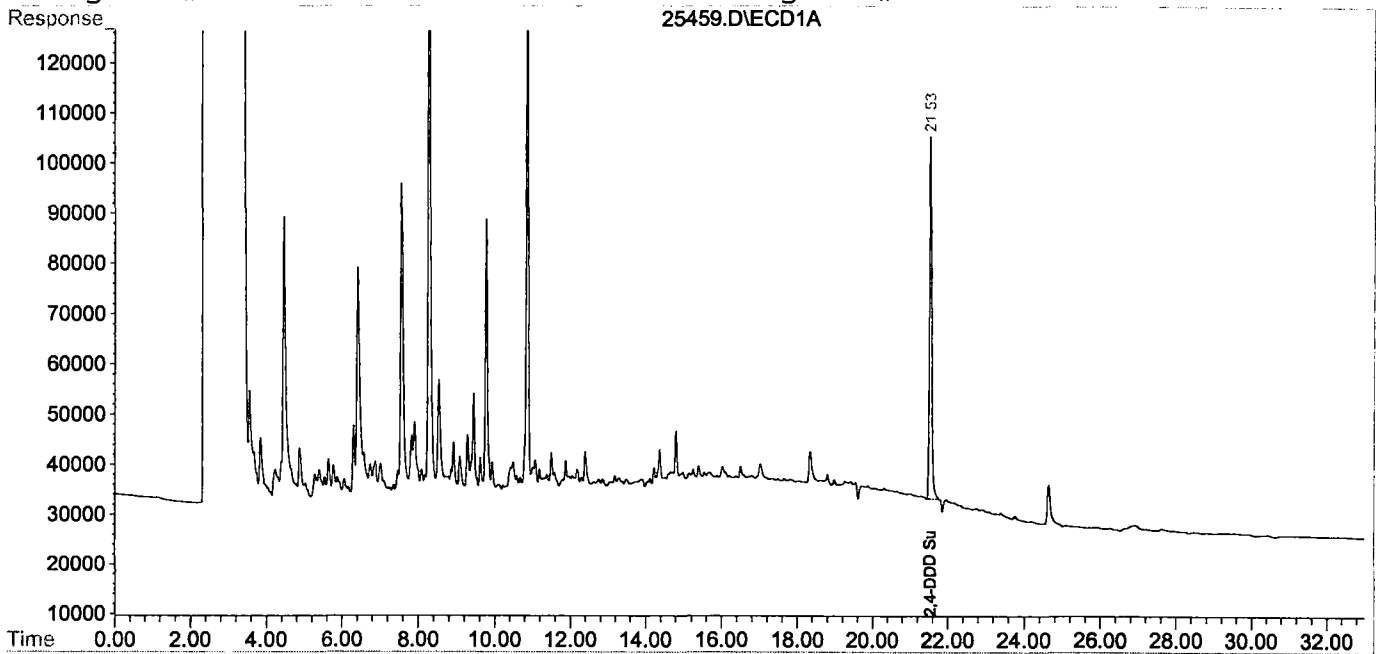
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH  
 Acq On : 23 Nov 2001 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:50 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25459.D\ECD1A.CH Vial: 52  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH  
 Acq On : 23 Nov 2001 7:30 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:05 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 3003933  | 176163 | 0.191m | 0.262m# |
| Spiked Amount 0.200         |       |       | Recovery | =      | 95.50% | 131.00% |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.38 | 14.92 | 205555   | 1382   | 0.215  | 0.036 # |
| 2) 1016-2                   | 15.39 | 16.00 | 77190    | 4355   | 0.040  | 0.034   |
| 3) 1016-3                   | 16.80 | 17.11 | 15482    | 10712  | 0.004  | 0.067 # |

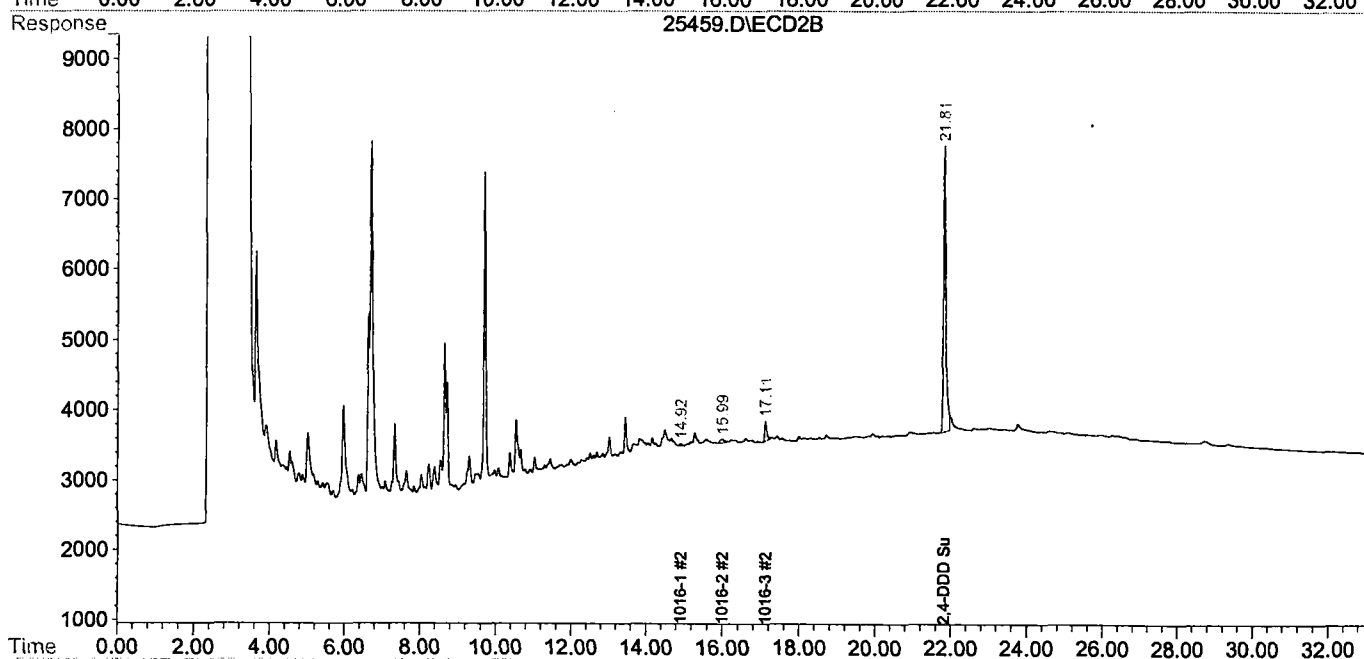
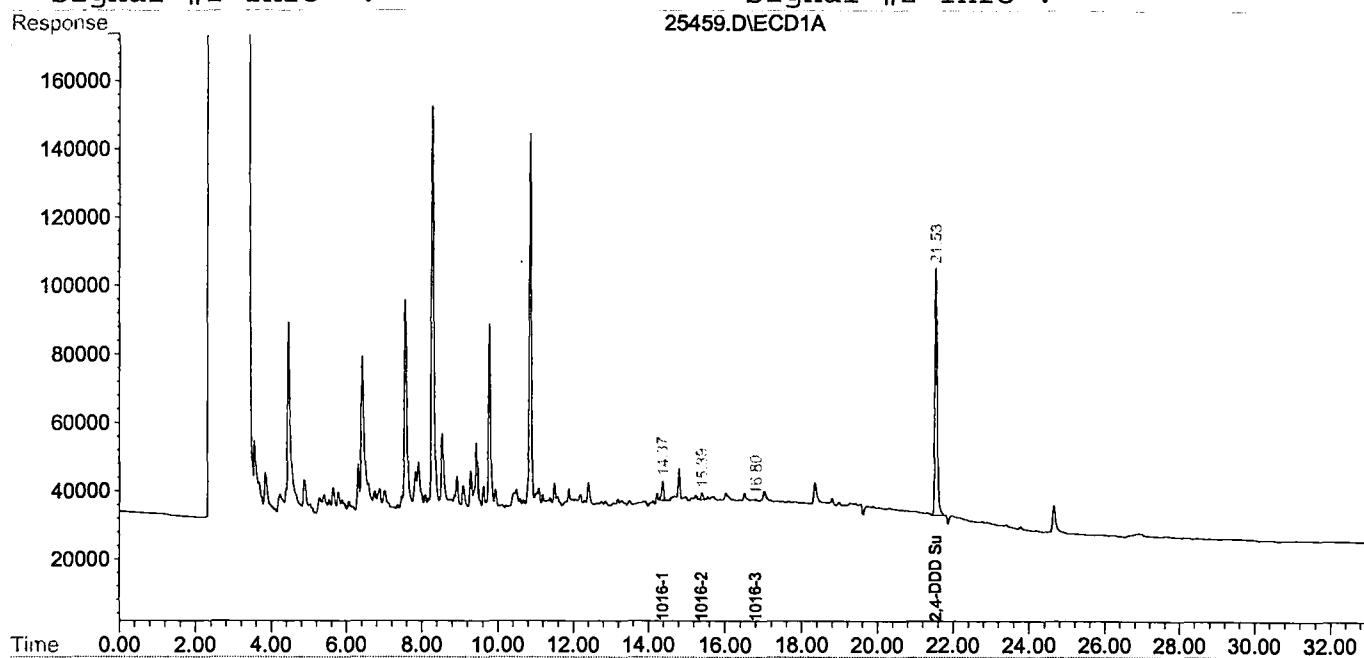
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 (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 25459.D PCB1016.M Mon Dec 03 11:05:14 2001

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD1A.CH Vial: 52  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25459.D\ECD2B.CH  
Acq On : 23 Nov 2001 7:30 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:05 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25459 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:14:32

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:53:11

Sample: AD25460  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.29   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
Acq On : 23 Nov 2010 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH Vial: 53  
Acq On : 23 Nov 101 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E  
Quant Time: Nov 28 11:23 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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      | 21.53 | 21.81 | 4399550  | 276006 | 0.272m  | 0.288m  |
| Spiked Amount 0.200         |       |       | Recovery | =      | 136.00% | 144.00% |

| Target Compounds |                  |       |        |        |      |        |         |
|------------------|------------------|-------|--------|--------|------|--------|---------|
| 1)               | Propachlor       | 14.22 | 13.65  | 143612 | 5433 | 0.062m | 0.036m# |
| 2)               | g-BHC            | 16.38 | 0.00   | 26515  | 0    | 0.001  | N.D. d# |
| 4)               | Aldrin           | 0.00  | 17.99  | 0      | 9211 | N.D. d | 0.003   |
| 5)               | Heptachlor Epoxi | 0.00  | 19.38f | 0      | 203  | N.D. d | 0.000   |
| 6)               | 4,4-DDE          | 20.80 | 21.05  | 15862  | 100  | 0.000  | 0.000 # |
| 7)               | Dieldrin         | 0.00  | 21.53f | 0      | 228  | N.D.   | 0.000 # |

C481

## Quantitation Report

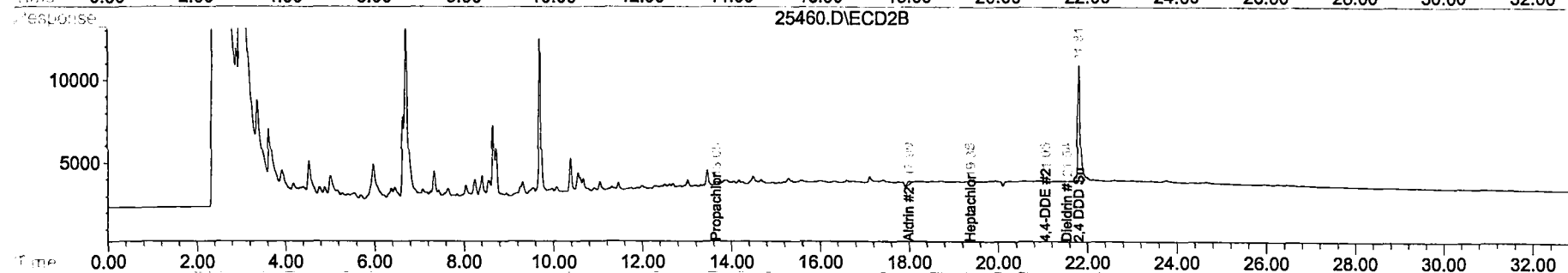
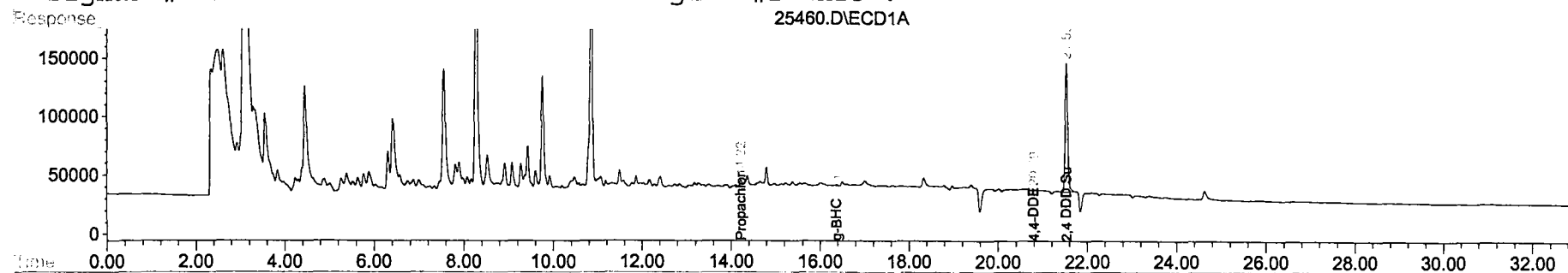
Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
Acq On : 23 Nov 2010 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH Vial: 53  
Acq On : 23 Nov 2010 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 11:23 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

Volume Inj. :  
Signal #1 Phase : Signal #2 Phase:  
Signal #1 Info : Signal #2 Info :  
25460.D\ECD1A



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
 Acq On : 23 Nov 2010 8:08 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH Vial: 53  
 Acq On : 23 Nov 101 8:08 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:08 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 4463157  | 279660 | 0.226m  | 0.290m# |
| Spiked Amount         | 0.200 |       | Recovery | =      | 113.00% | 145.00% |

Target Compounds

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

25460.D 112801T.M Wed Nov 28 13:08:32 2001

Page 1

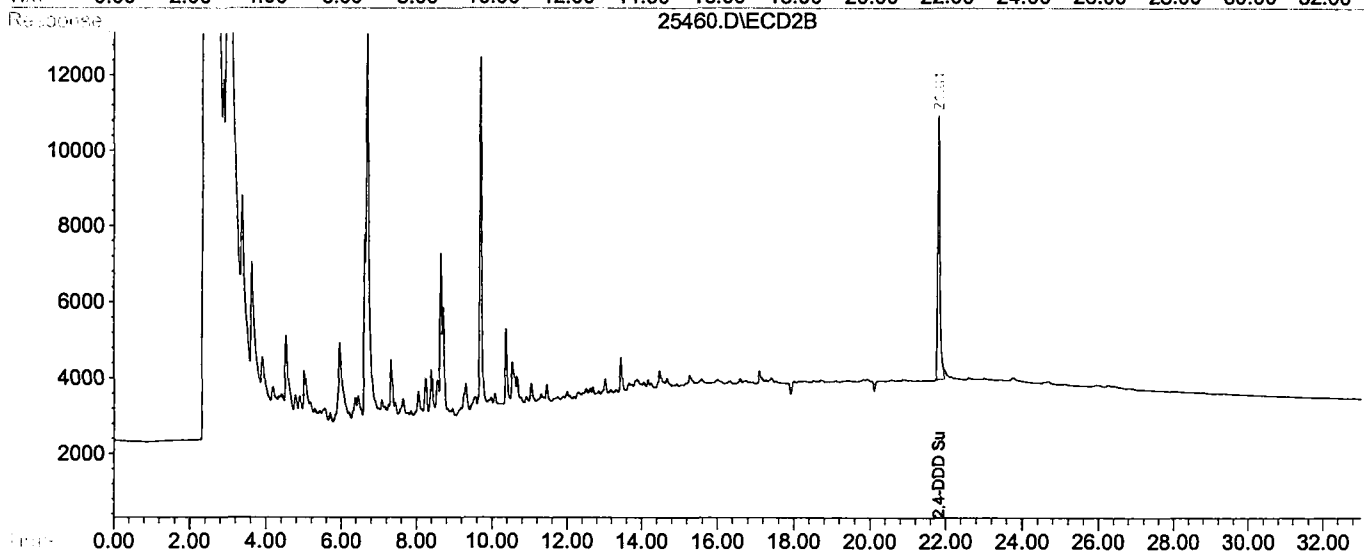
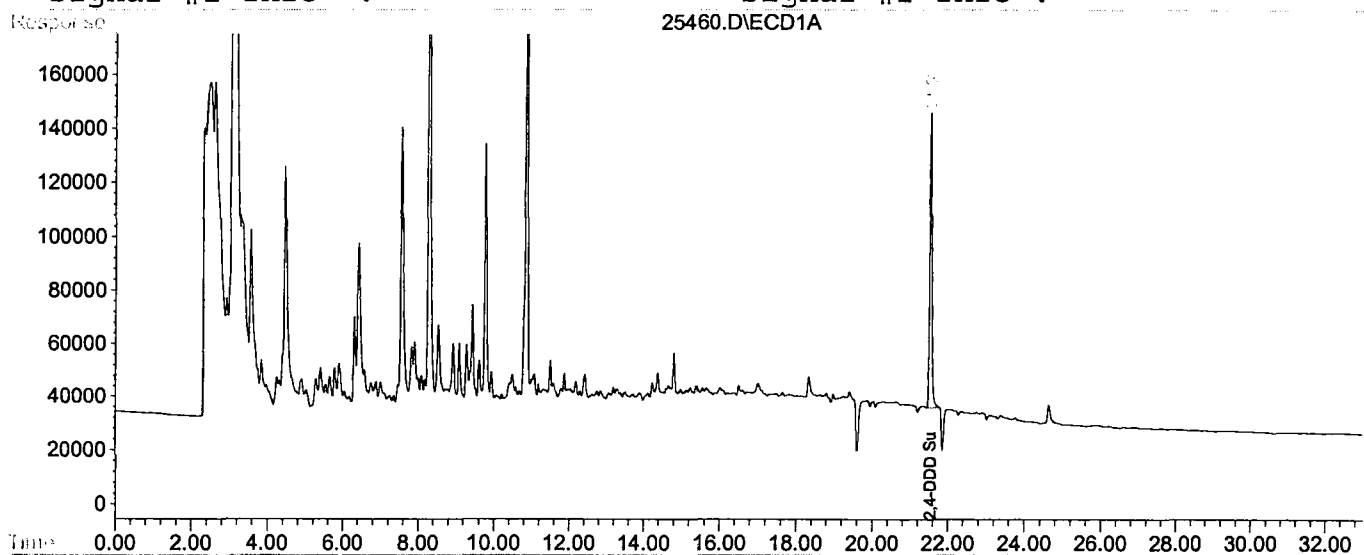
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
 Acq On : 23 Nov 2010 8:08 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH Vial: 53  
 Acq On : 23 Nov 101 8:08 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:08 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25460.D\ECD1A.CH Vial: 53  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:50 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 4442515  | 281804 | 0.268m  | 0.299m  |
| Spiked Amount               | 0.200 |       | Recovery | =      | 134.00% | 149.50% |
| Target Compounds            |       |       |          |        |         |         |
| 1) Chlordane 1              | 20.03 | 16.59 | 111594   | 4155   | 0.129   | 0.053 # |

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

25460.D 111701C.M Mon Dec 03 09:51:07 2001

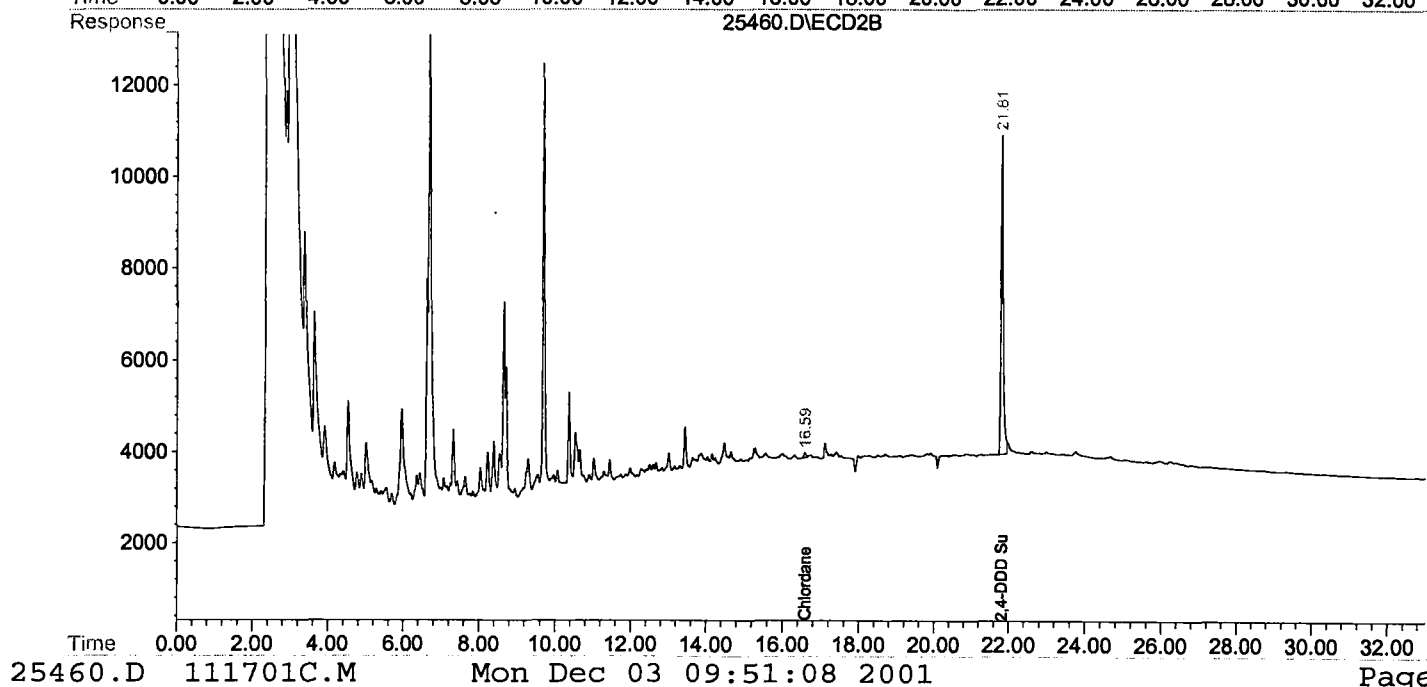
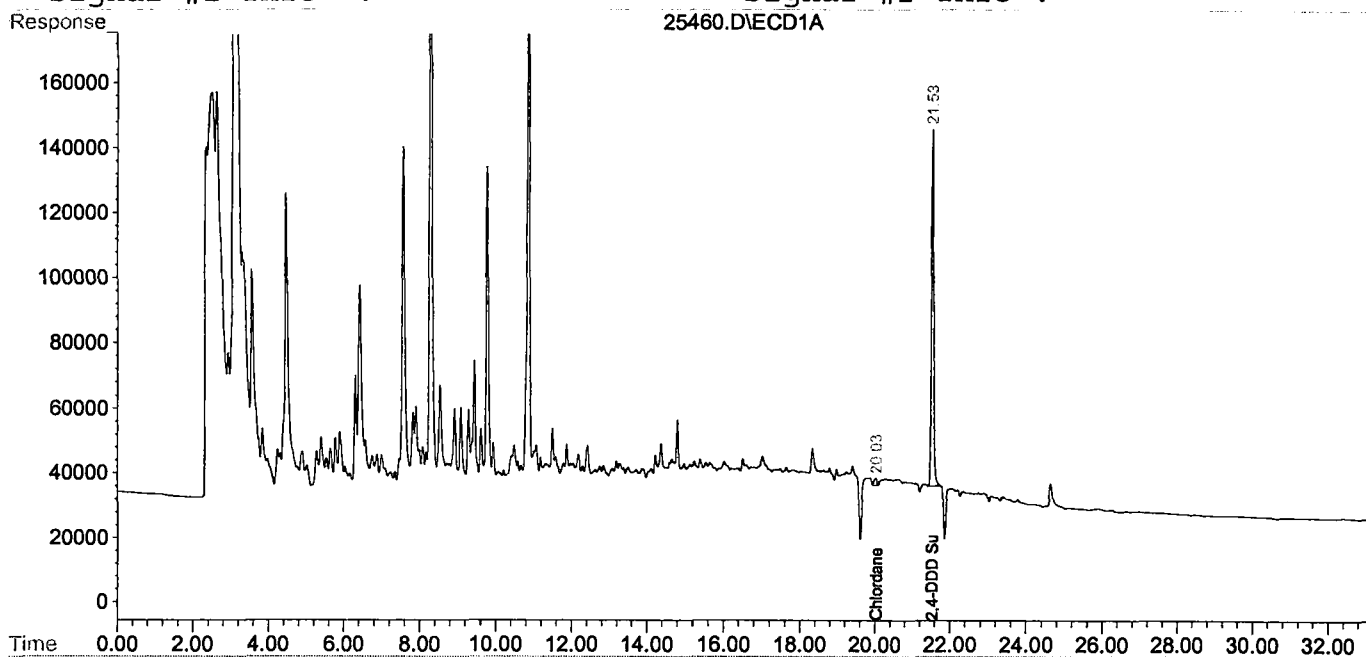
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:50 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25460.D\ECD1A.CH Vial: 53  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:05 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |         |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 4422361  | 279196 | 0.281m  | 0.416m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 140.50% | 208.00% |
| Target Compounds            |       |       |          |        |         |         |
| 1) 1016-1                   | 14.37 | 14.93 | 259067   | 1936   | 0.271   | 0.051 # |
| 3) 1016-3                   | 0.00  | 17.11 | 0        | 11838  | N.D. d  | 0.074   |
| 5) 1016-5                   | 0.00  | 17.99 | 0        | 9211   | N.D. d  | 0.154   |

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

25460.D PCB1016.M Mon Dec 03 11:05:49 2001

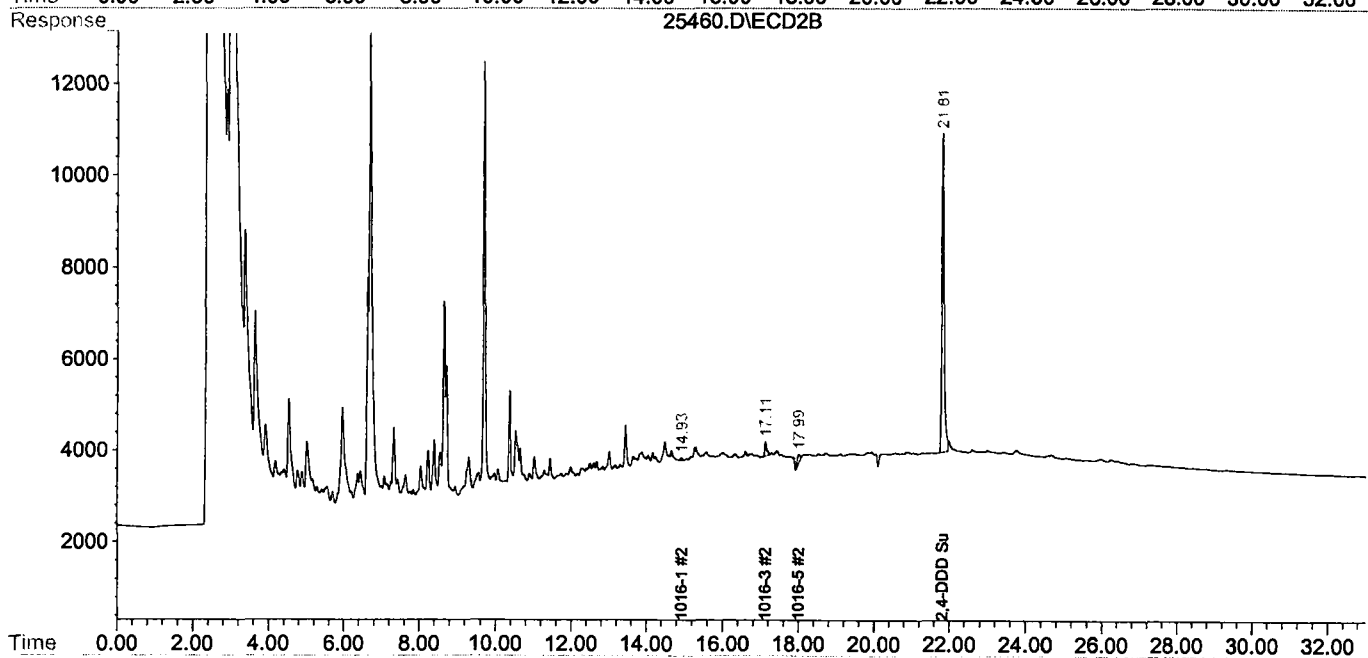
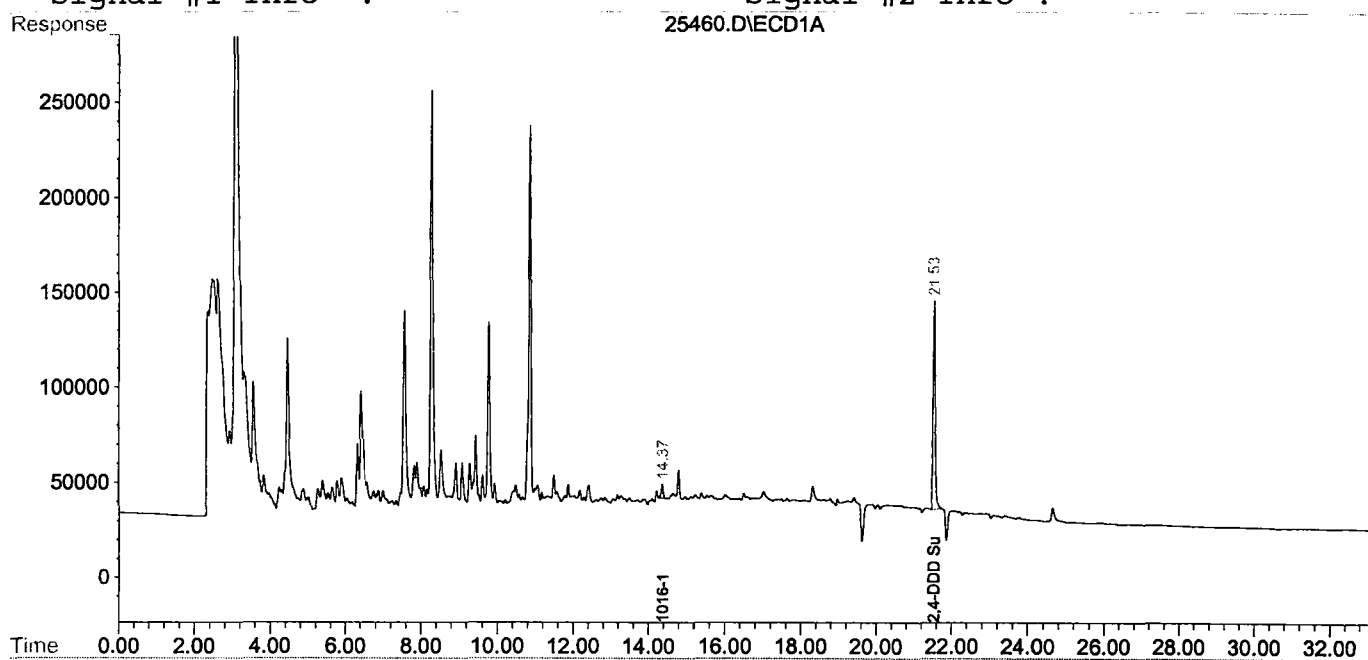
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD1A.CH Vial: 53  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25460.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:08 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:05 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25460 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:18:31

The Recovery for the Surrogate Standard in this sample was above its acceptance range. Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:53:46

Sample: AD25461  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.17   |           |       |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
 Acq On : 23 Nov 2010 8:45 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH Vial: 54  
 Acq On : 23 Nov 101 8:45 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:24 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2698850  | 159481 | 0.167m | 0.166m |
|                             | Spiked Amount    | 0.200 |       | Recovery | =      | 83.50% | 83.00% |

| Target Compounds |                  |        |        |        |      |       |         |
|------------------|------------------|--------|--------|--------|------|-------|---------|
| 1)               | Propachlor       | 14.23  | 13.65  | 80577  | 3211 | 0.035 | 0.021m# |
| 2)               | g-BHC            | 16.39  | 0.00   | 8373   | 0    | 0.000 | N.D. d# |
| 3)               | Heptachlor       | 17.01  | 17.11  | 145371 | 8762 | 0.004 | 0.005 # |
| 5)               | Heptachlor Epoxi | 19.54  | 0.00   | 54215  | 0    | 0.002 | N.D. d# |
| 6)               | 4,4-DDE          | 20.79  | 20.92  | 2794   | 1185 | 0.000 | 0.001 # |
| 7)               | Dieldrin         | 21.32  | 0.00   | 26160  | 0    | 0.001 | N.D. #  |
| 8)               | Endrin           | 21.96f | 22.26f | 70072  | 890  | 0.004 | 0.001 # |

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

25461.D 112601P.M Wed Nov 28 11:24:06 2001

Page 1

# Quantitation Report

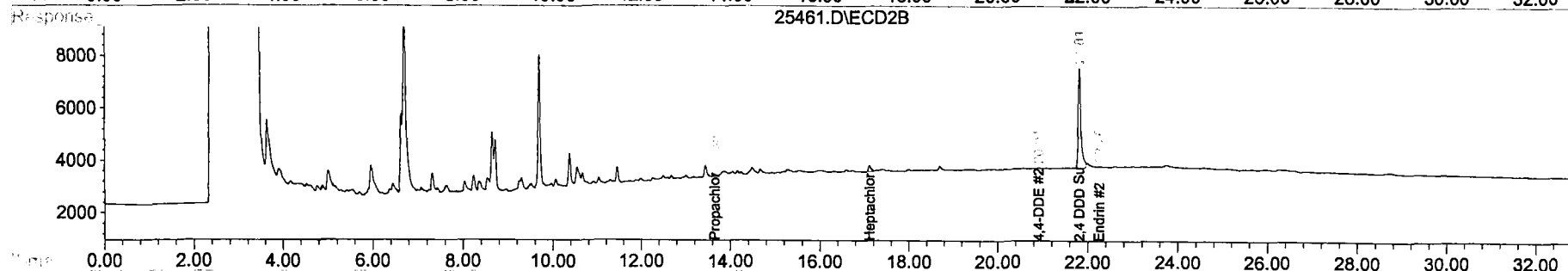
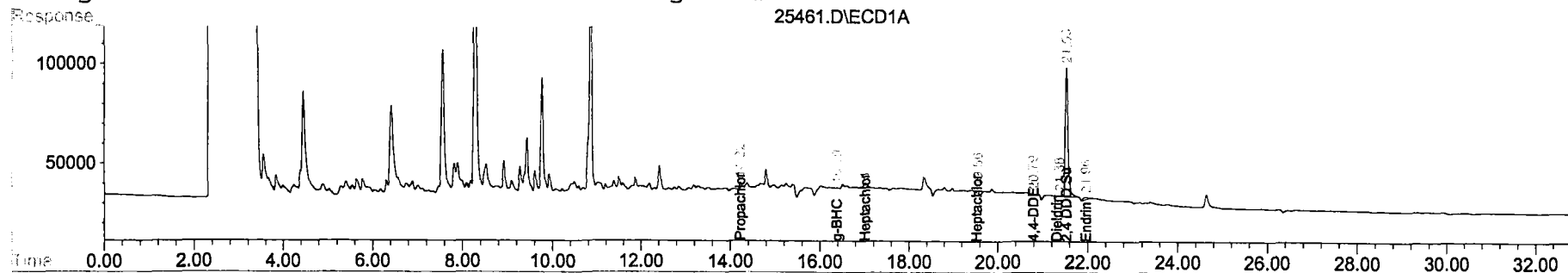
Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
 Acq On : 23 Nov 2010 8:45 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH Vial: 54  
 Acq On : 23 Nov 101 8:45 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:24 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :  
 25461.D\ECD1A



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
Acq On : 23 Nov 2010 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH Vial: 54  
Acq On : 23 Nov 101 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 13:09 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2726989  | 157149 | 0.138m | 0.163m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 69.00% | 81.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) TOX-1                    | 18.98 | 0.00  | 646547   | 0      | 5.084  | N.D. # |

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

25461.D 112801T.M Wed Nov 28 13:09:10 2001

Page 1

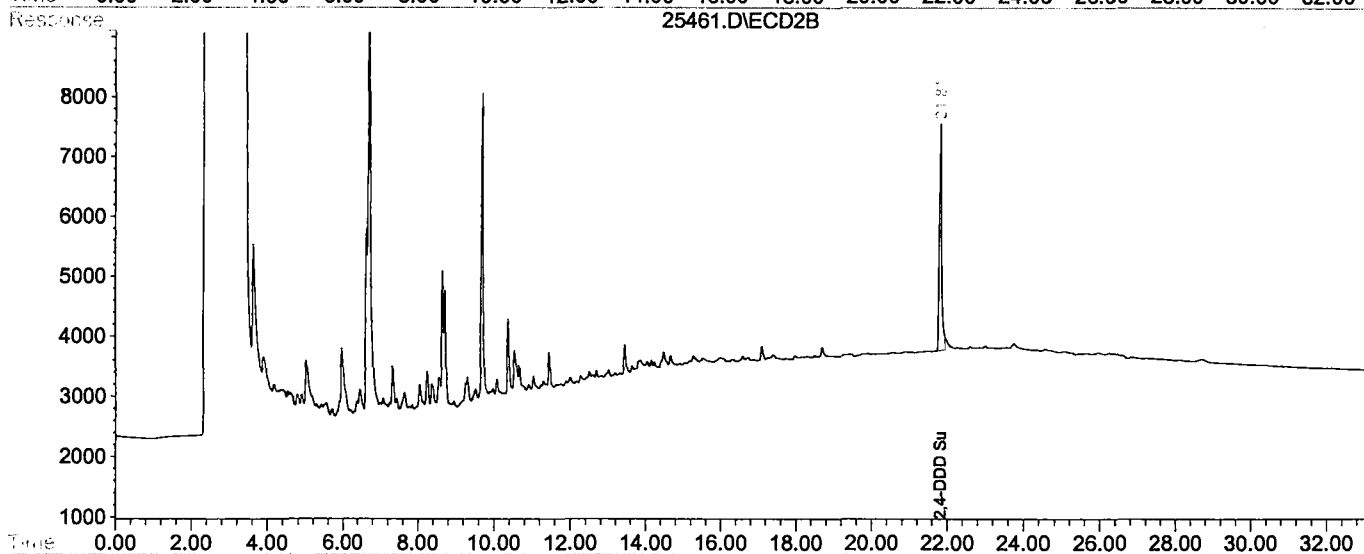
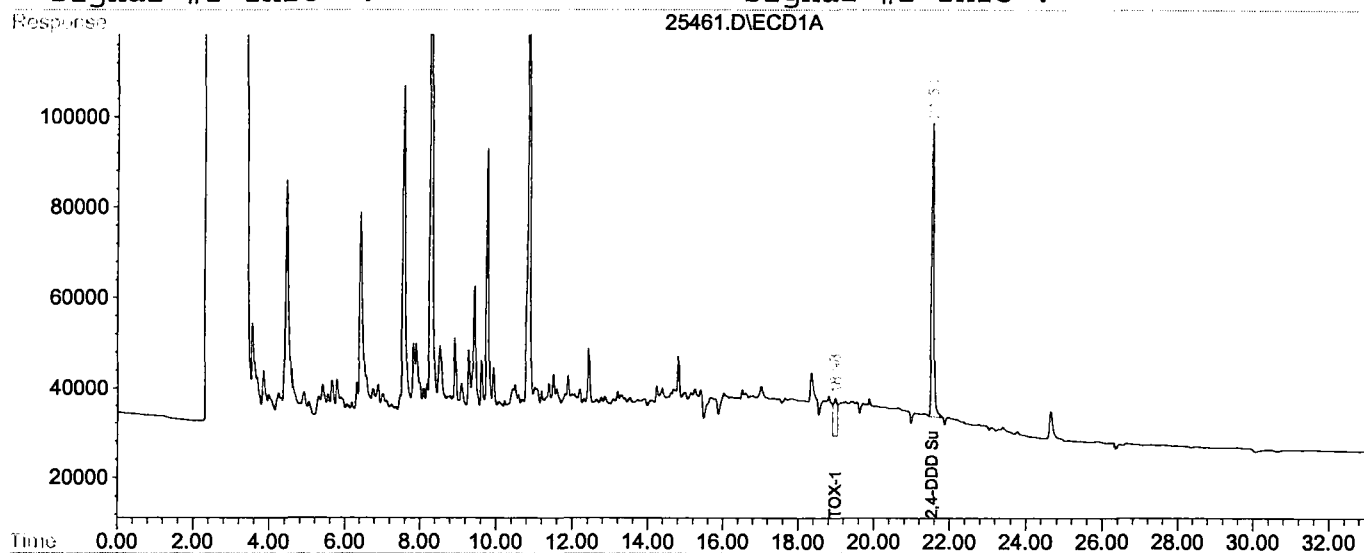
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
Acq On : 23 Nov 2010 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH Vial: 54  
Acq On : 23 Nov 10 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:09 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25461.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:51 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2684648  | 159695 | 0.162m | 0.170m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 81.00% | 85.00% |

Target Compounds

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

25461.D 111701C.M Mon Dec 03 09:51:39 2001

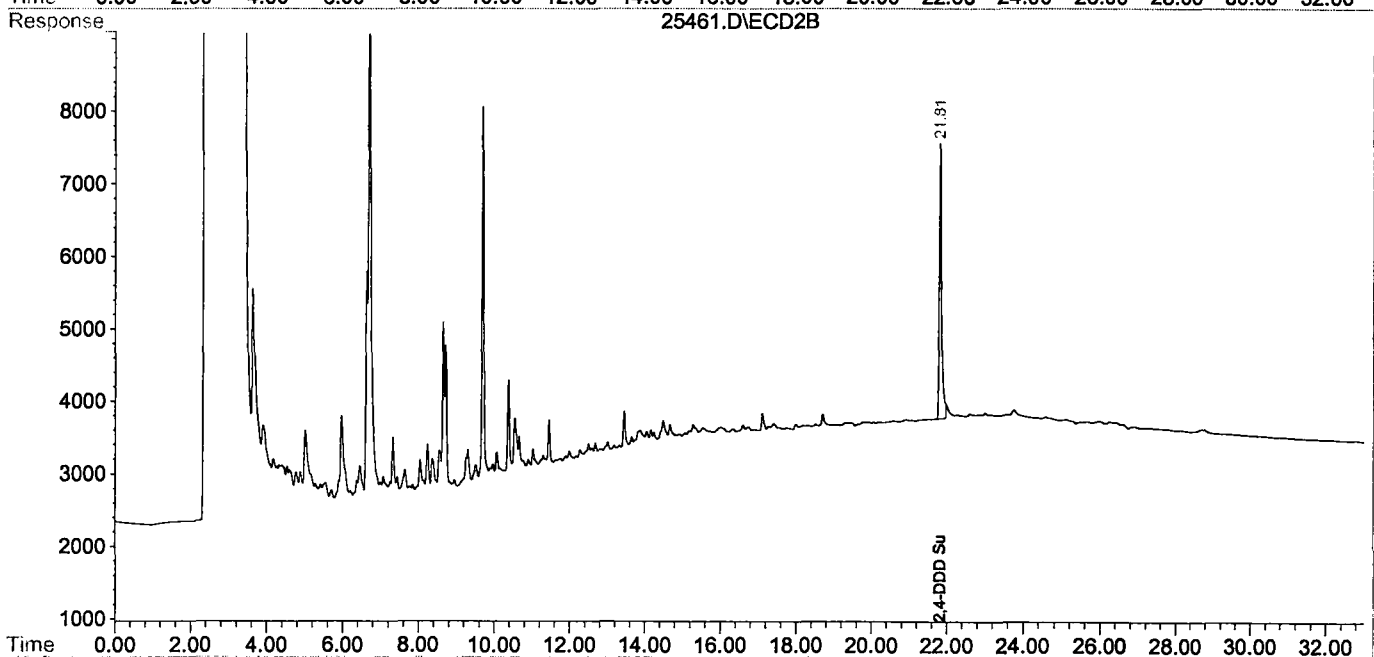
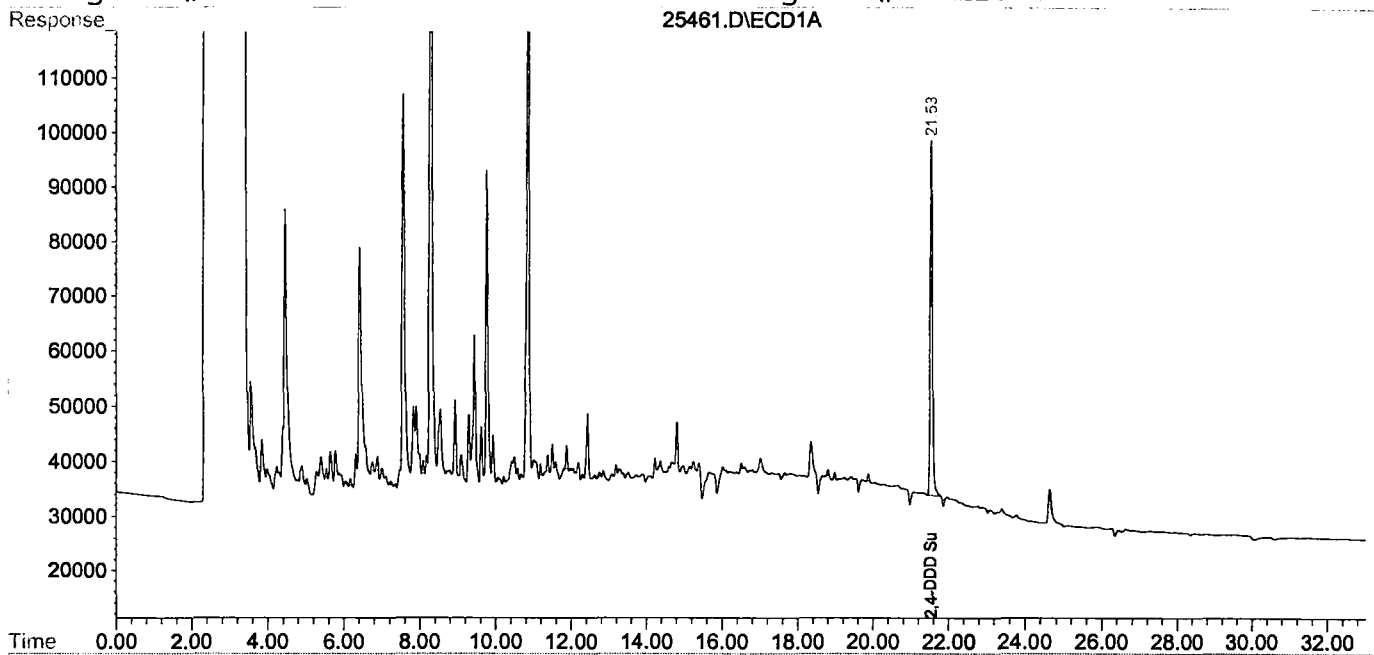
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:51 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH  
Acq On : 23 Nov 2001 8:45 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:06 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2695209  | 160559 | 0.171m | 0.239m# |
| Spiked Amount               | 0.200 |       | Recovery | =      | 85.50% | 119.50% |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 0.00  | 14.92 | 0        | 874    | N.D. d | 0.023   |
| 3) 1016-3                   | 16.80 | 17.11 | 9339     | 8725   | 0.003  | 0.055 # |
| 5) 1016-5                   | 0.00  | 17.99 | 0        | 1849   | N.D. d | 0.031   |
| 6) 1016-6                   | 0.00  | 18.70 | 0        | 6447   | N.D. d | 0.128   |

-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
25461.D PCB1016.M Mon Dec 03 11:06:26 2001

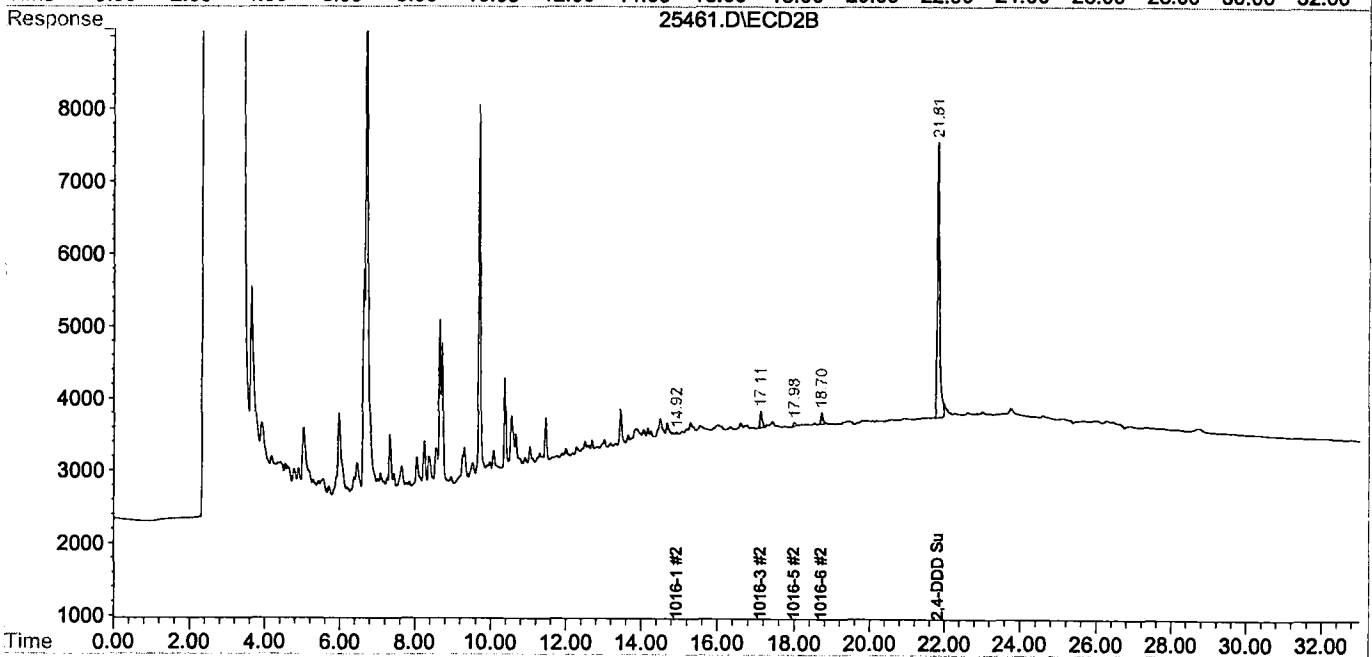
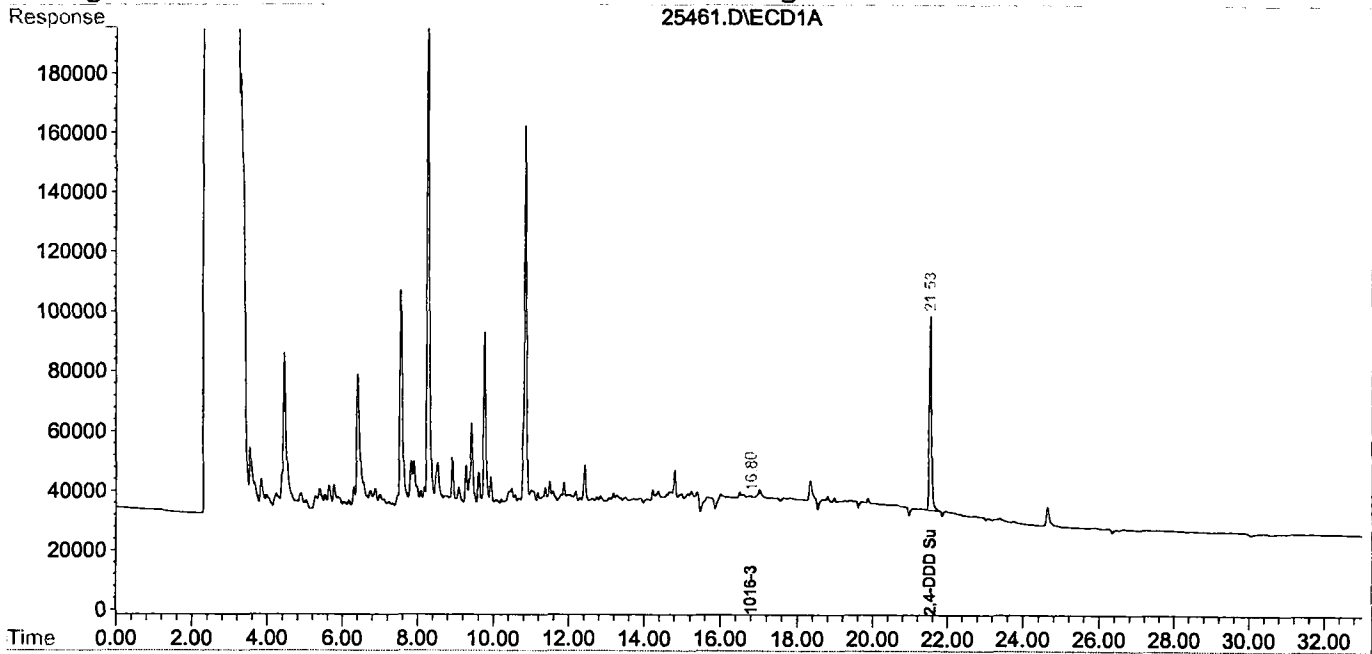
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD1A.CH Vial: 54  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25461.D\ECD2B.CH  
 Acq On : 23 Nov 2001 8:45 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:06 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25461 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:19:25

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefiu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:54:20

Sample: AD25462  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.20   |           |       |

## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
 Acq On : 23 Nov 2010 9:23 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH Vial: 55  
 Acq On : 23 Nov 101 9:23 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E  
 Quant Time: Nov 28 11:24 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2964325  | 192352 | 0.183m | 0.201m  |
| Spiked Amount          | 0.200 |       | Recovery | =      | 91.50% | 100.50% |

## Target Compounds

|                     |        |        |       |      |        |         |
|---------------------|--------|--------|-------|------|--------|---------|
| 1) Propachlor       | 14.23  | 13.66  | 70912 | 2510 | 0.031  | 0.016m# |
| 2) g-BHC            | 16.38  | 0.00   | 60954 | 0    | 0.001  | N.D. d# |
| 3) Heptachlor       | 0.00   | 17.11  | 0     | 7577 | N.D. d | 0.004   |
| 4) Aldrin           | 17.80  | 0.00   | 79004 | 0    | 0.002  | N.D. d# |
| 5) Heptachlor Epoxi | 0.00   | 19.45f | 0     | 1580 | N.D. d | 0.001   |
| 6) 4,4-DDE          | 20.83  | 21.23  | 57522 | 1132 | 0.002  | 0.001 # |
| 7) Dieldrin         | 21.34f | 21.52f | 75675 | 355  | 0.002  | 0.000 # |
| 8) Endrin           | 0.00   | 22.31  | 0     | 850  | N.D.   | 0.001 # |
| 9) Methoxychlor     | 0.00   | 25.96  | 0     | 4055 | N.D. d | 0.008   |

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

25462.D 112601P.M Wed Nov 28 11:24:56 2001

Page 1

## Quantitation Report

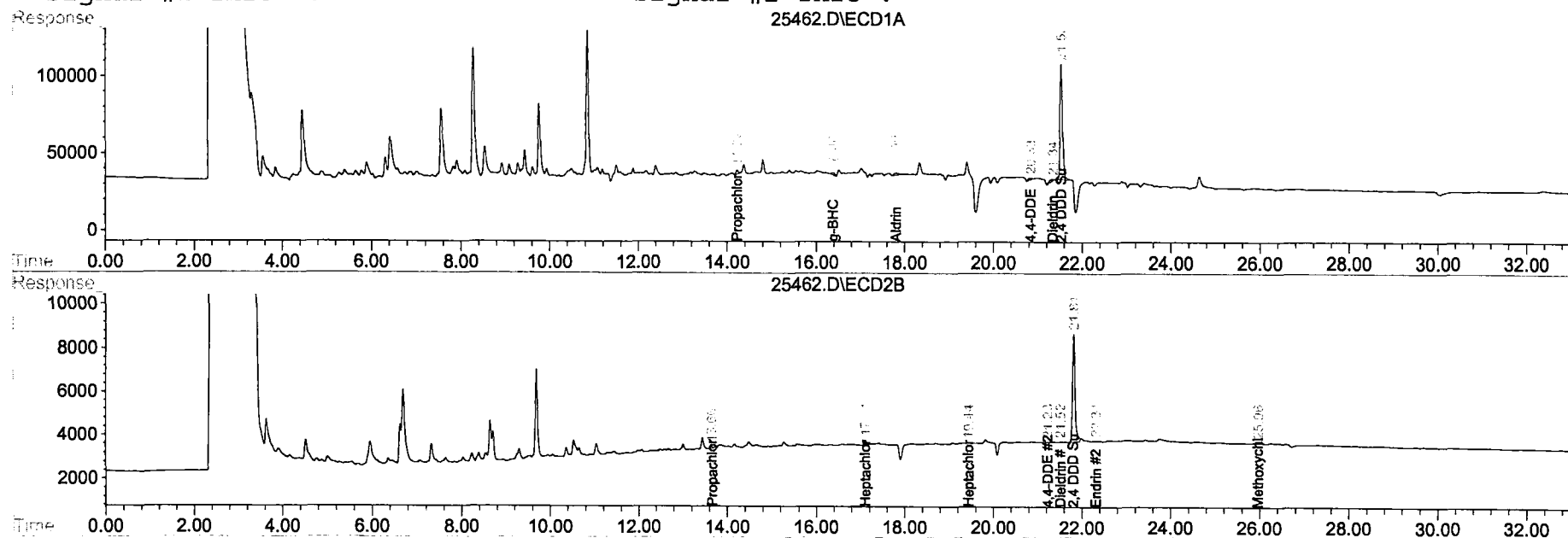
Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
Acq On : 23 Nov 2010 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH Vial: 55  
Acq On : 23 Nov 101 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 11:24 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
 Acq On : 23 Nov 2010 9:23 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH Vial: 55  
 Acq On : 23 Nov 101 9:23 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e  
 Quant Time: Nov 28 13:09 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2994997  | 191609 | 0.152m | 0.199m# |
| Spiked Amount 0.200         |       |       | Recovery | =      | 76.00% | 99.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 4) TOX-4                    | 23.70 | 0.00  | 1145783  | 0      | 2.865  | N.D. #  |
| 5) TOX-5                    | 24.64 | 0.00  | 6531404  | 0      | 17.801 | N.D. #  |

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

25462.D 112801T.M Wed Nov 28 13:09:43 2001

Page 1

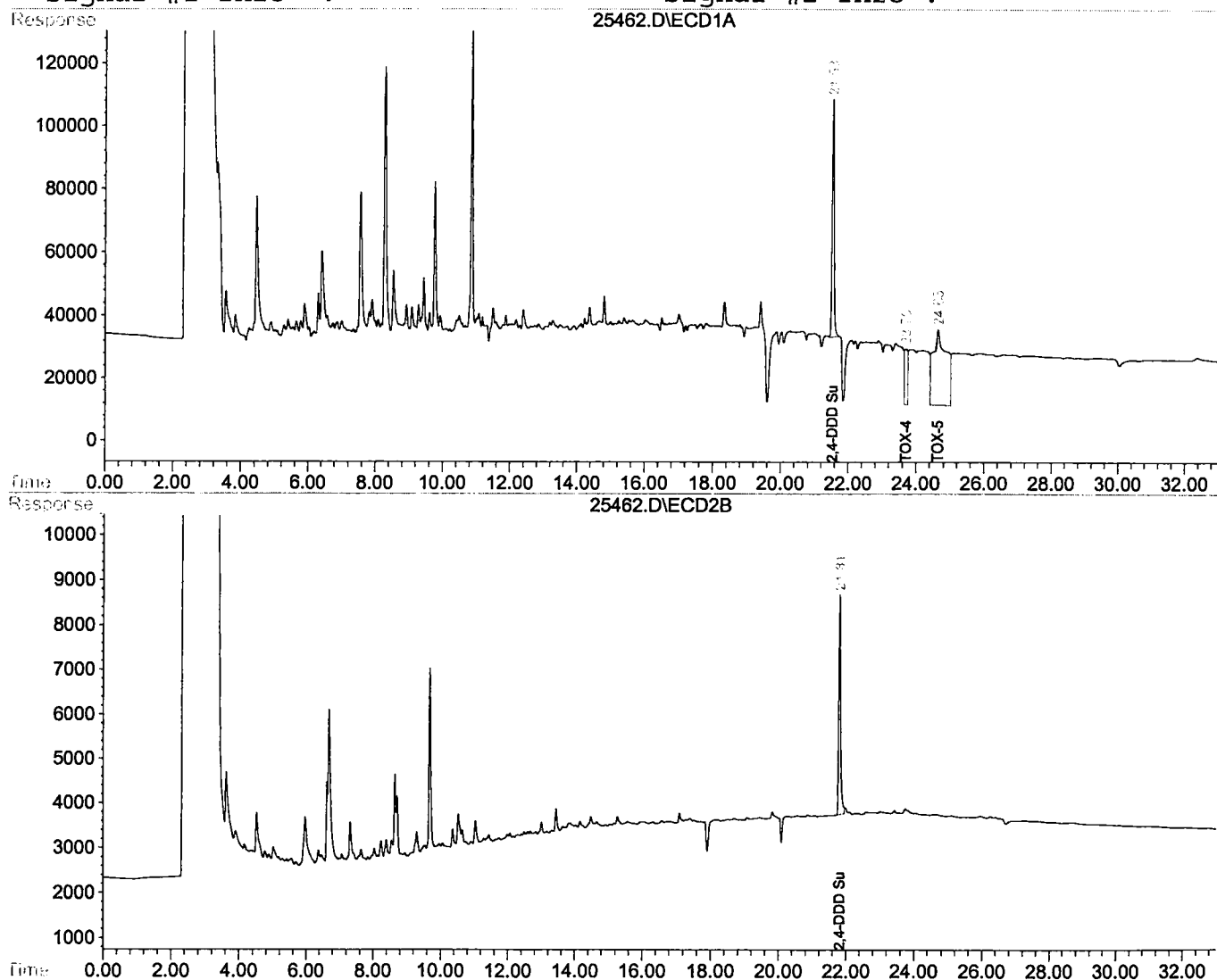
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
Acq On : 23 Nov 2010 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH Vial: 55  
Acq On : 23 Nov 101 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:09 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25462.D\ECD1A.CH Vial: 55  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH  
Acq On : 23 Nov 2001 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:52 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2982475  | 192191 | 0.180m | 0.204m  |
|      | Spiked Amount    | 0.200 |       | Recovery | =      | 90.00% | 102.00% |

## Target Compounds

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

25462.D 111701C.M Mon Dec 03 09:52:15 2001

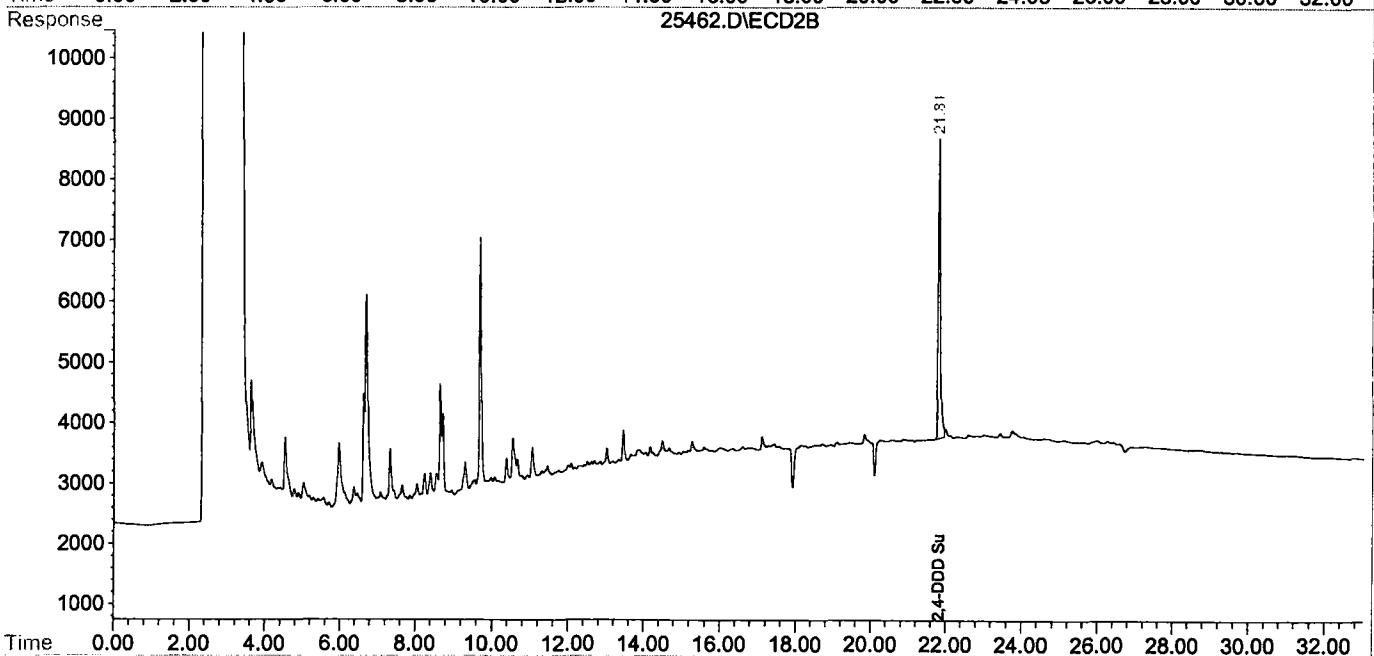
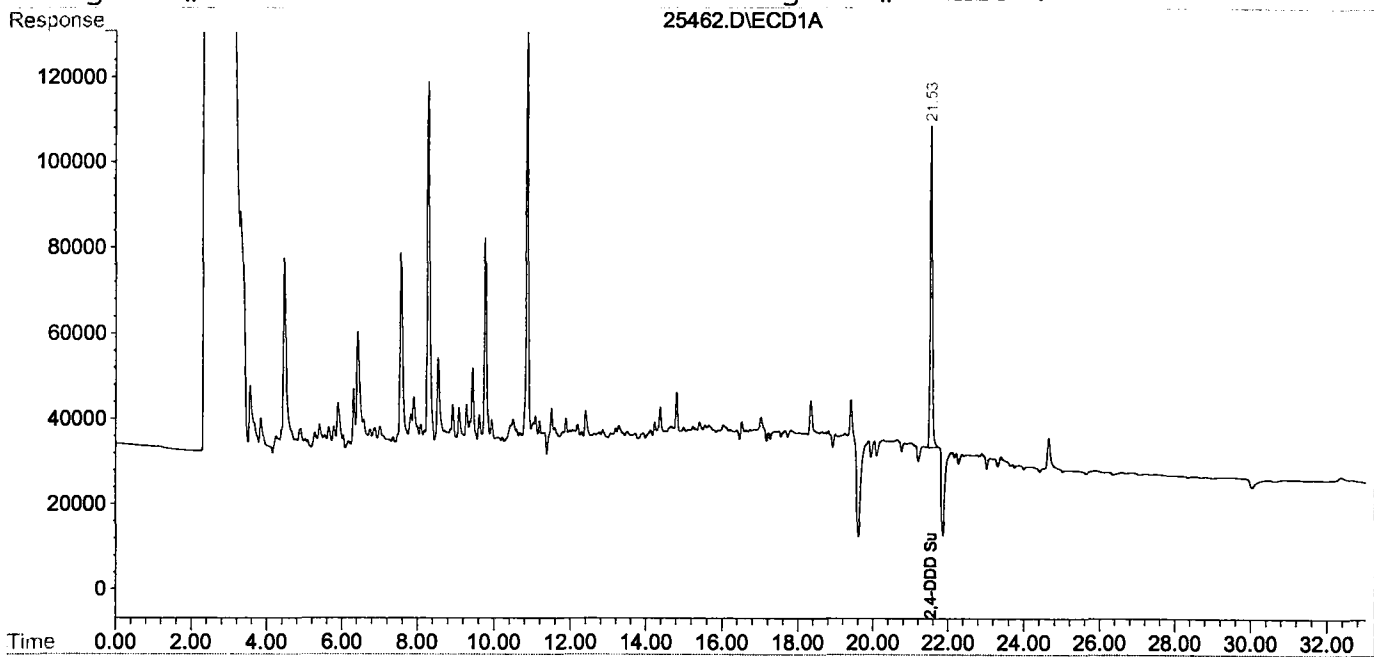
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH  
Acq On : 23 Nov 2001 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:52 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25462.D\ECD1A.CH Vial: 55  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH  
 Acq On : 23 Nov 2001 9:23 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:06 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2984637  | 189814 | 0.189m | 0.283m# |
| Spiked Amount 0.200         |       |       | Recovery | =      | 94.50% | 141.50% |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.38 | 14.93 | 196691   | 1130   | 0.206  | 0.030 # |
| 2) 1016-2                   | 15.39 | 0.00  | 64773    | 0      | 0.034  | N.D. d# |
| 3) 1016-3                   | 0.00  | 17.11 | 0        | 7577   | N.D. d | 0.047   |
| 4) 1016-4                   | 17.48 | 17.53 | 23425    | 969    | 0.023  | 0.021   |
| 6) 1016-6                   | 0.00  | 19.09 | 0        | 1635   | N.D. d | 0.032   |

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

25462.D PCB1016.M Mon Dec 03 11:06:59 2001

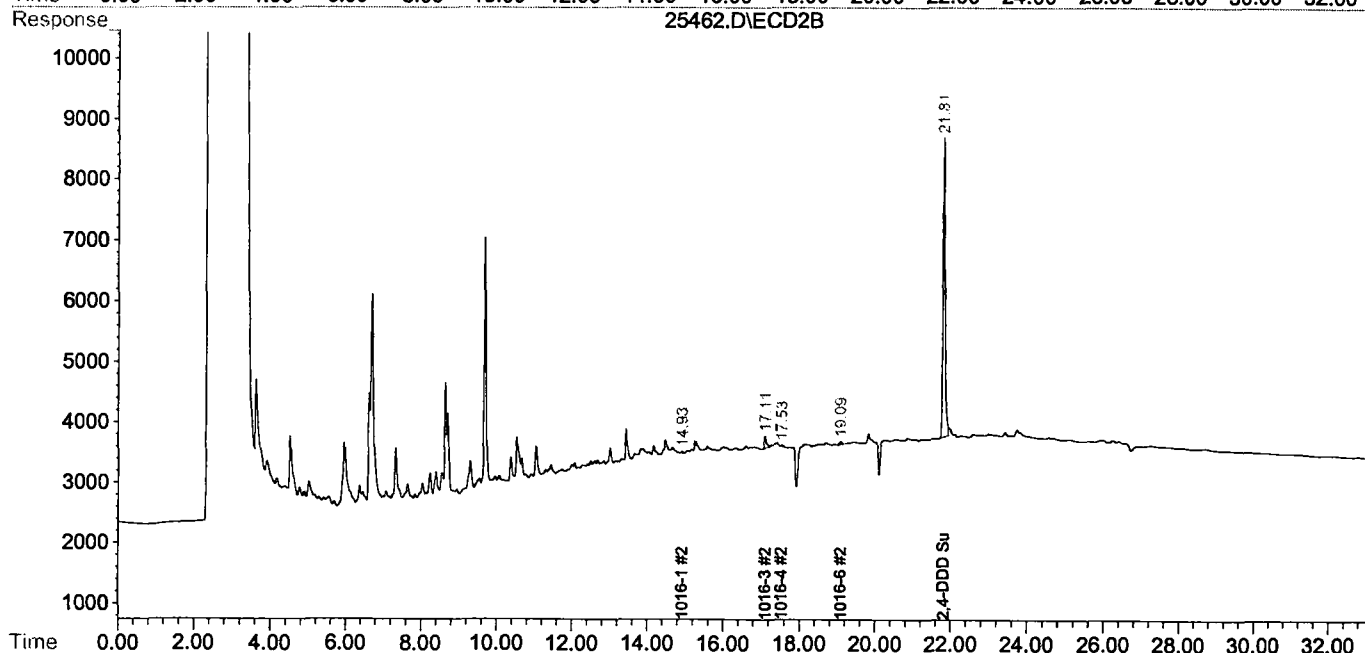
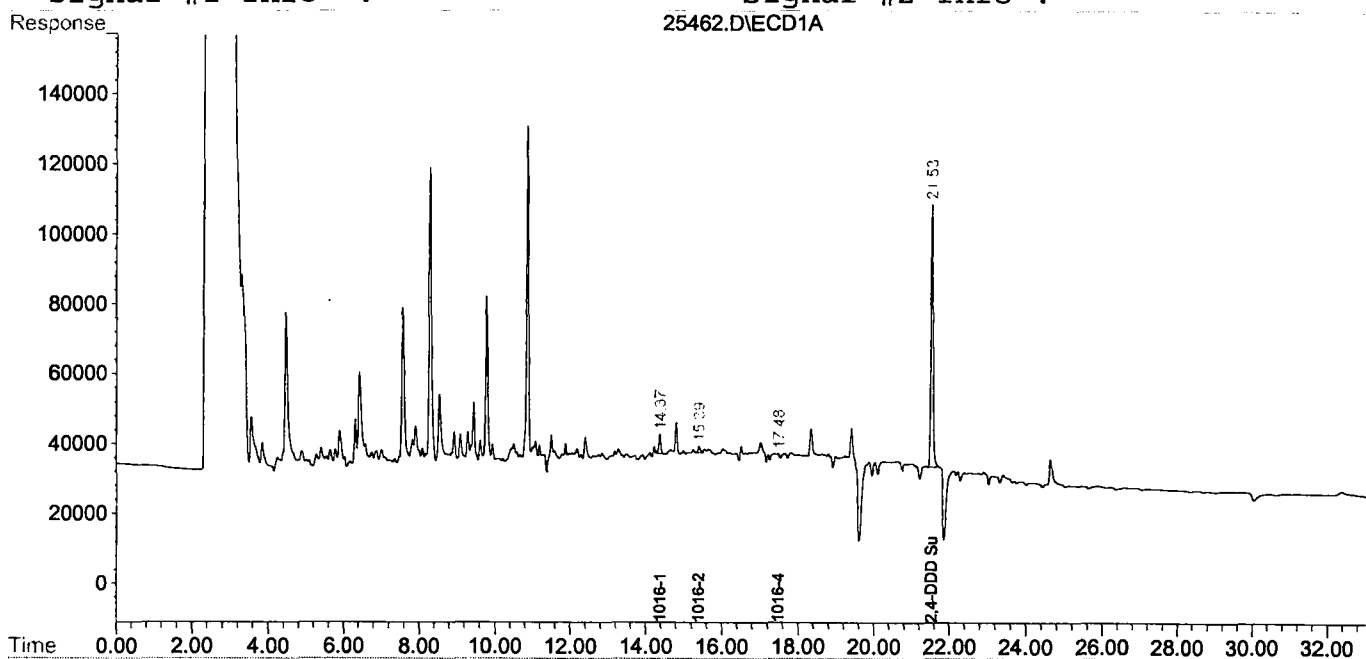
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD1A.CH Vial: 55  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25462.D\ECD2B.CH  
Acq On : 23 Nov 2001 9:23 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:06 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25462 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:22:43

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 12/04/2001 Time: 12:54:48

Sample: AD25463  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.13   |           |       |

*fail*

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
 Acq On : 23 Nov 2010 10:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH Vial: 56  
 Acq On : 23 Nov 101 10:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:25 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2224122  | 128359 | 0.137m | 0.134m |
| Spiked Amount          | 0.200 |       | Recovery | =      | 68.50% | 67.00% |

Target Compounds

|                     |       |        |        |      |        |         |
|---------------------|-------|--------|--------|------|--------|---------|
| 1) Propachlor       | 14.23 | 13.65  | 86986  | 3882 | 0.037  | 0.025m# |
| 2) g-BHC            | 16.39 | 0.00   | 5522   | 0    | 0.000  | N.D. d# |
| 3) Heptachlor       | 17.02 | 0.00   | 118640 | 0    | 0.003  | N.D. d# |
| 4) Aldrin           | 0.00  | 17.99  | 0      | 2825 | N.D. d | 0.001   |
| 5) Heptachlor Epoxi | 19.54 | 0.00   | 101192 | 0    | 0.003  | N.D. #  |
| 6) 4,4-DDE          | 20.80 | 20.93  | 4821   | 1009 | 0.000  | 0.001 # |
| 7) Dieldrin         | 0.00  | 21.44  | 0      | 127  | N.D.   | 0.000 # |
| 8) Endrin           | 0.00  | 22.26f | 0      | 306  | N.D. d | 0.000   |

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

25463.D 112601P.M Wed Nov 28 11:25:46 2001

Page 1

# Quantitation Report

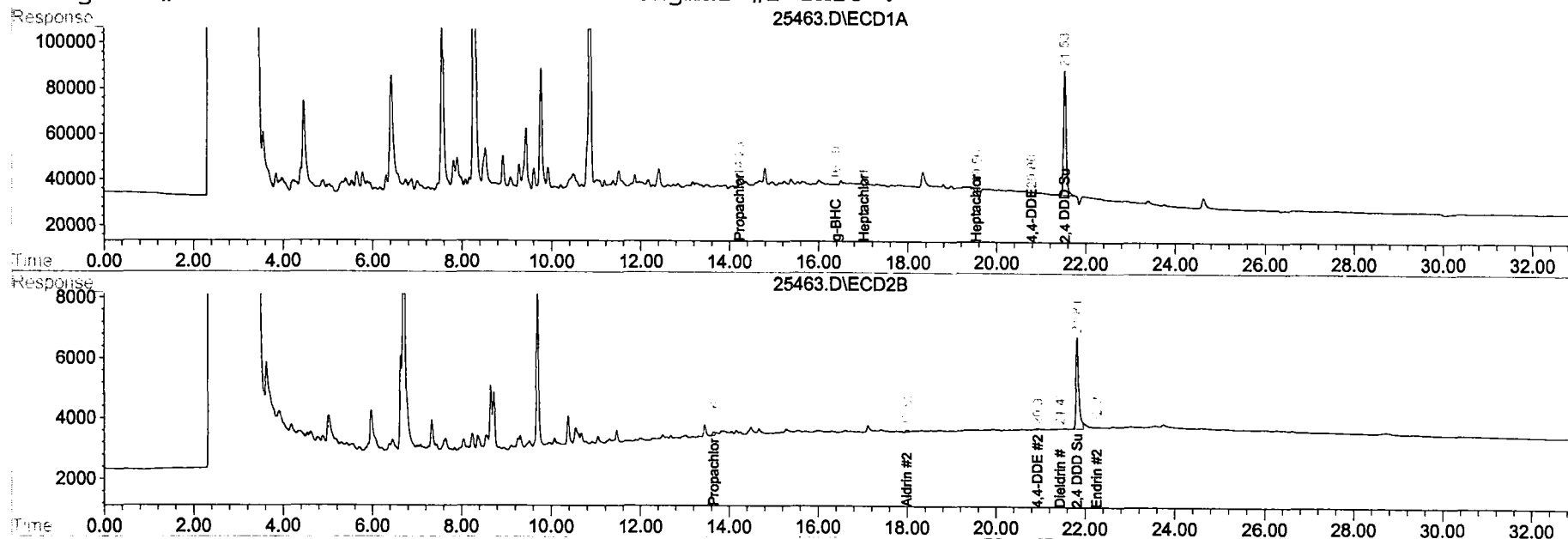
Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
 Acq On : 23 Nov 2010 10:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH Vial: 56  
 Acq On : 23 Nov 101 10:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:25 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
Acq On : 23 Nov 2010 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH Vial: 56  
Acq On : 23 Nov 101 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 13:10 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2297680  | 128067 | 0.116m | 0.133m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 58.00% | 66.50% |
| Target Compounds            |       |       |          |        |        |        |
| 1) TOX-1                    | 18.98 | 0.00  | 644446   | 0      | 5.067  | N.D. # |

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

25463.D 112801T.M Wed Nov 28 13:10:18 2001

Page 1

## Quantitation Report

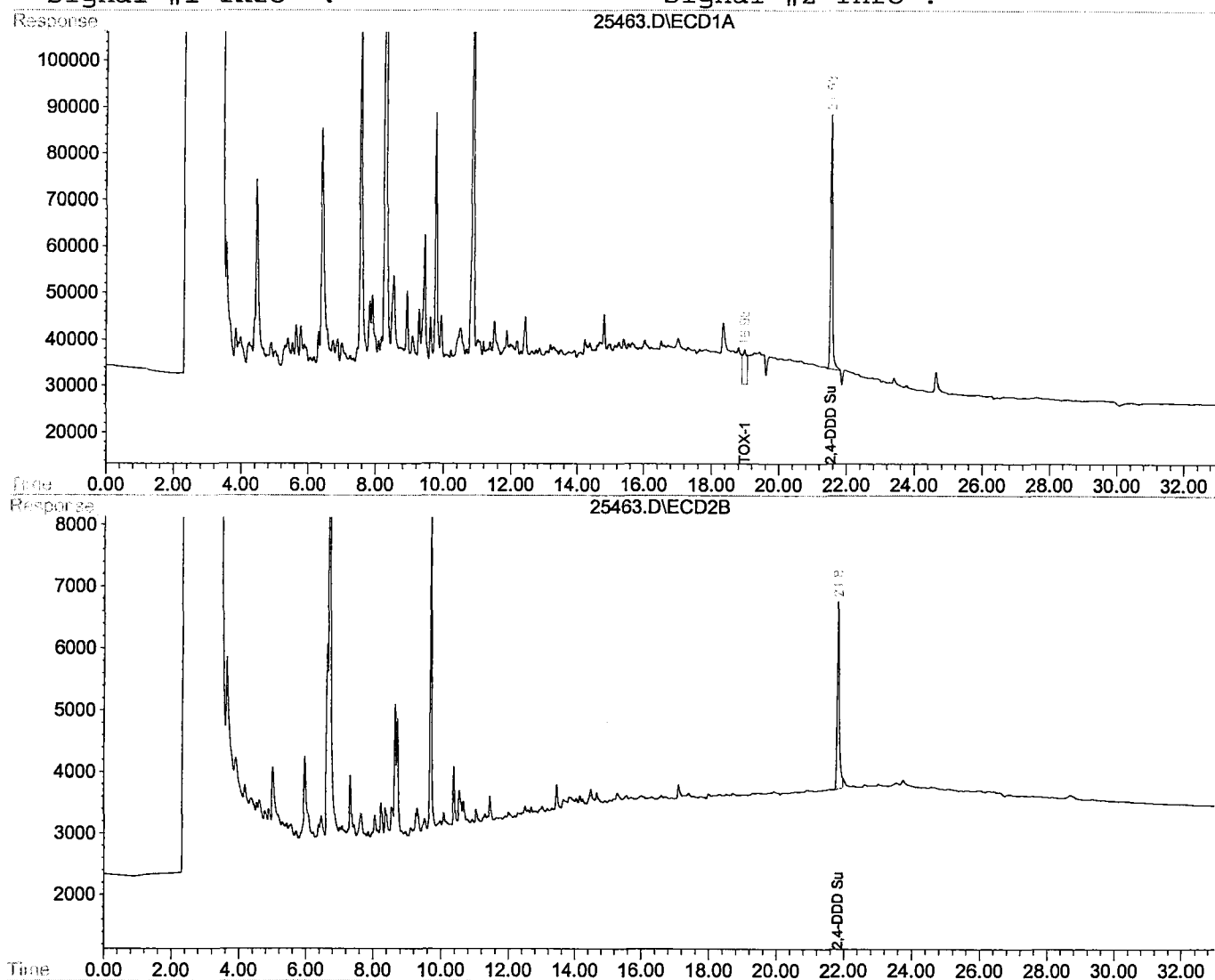
Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
Acq On : 23 Nov 2010 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH Vial: 56  
Acq On : 23 Nov 101 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e

Quant Time: Nov 28 13:10 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25463.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:52 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2264049  | 130097 | 0.137m | 0.138m |
| Spiked Amount 0.200         |       |       | Recovery | =      | 68.50% | 69.00% |

Target Compounds

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

25463.D 111701C.M Mon Dec 03 09:52:51 2001

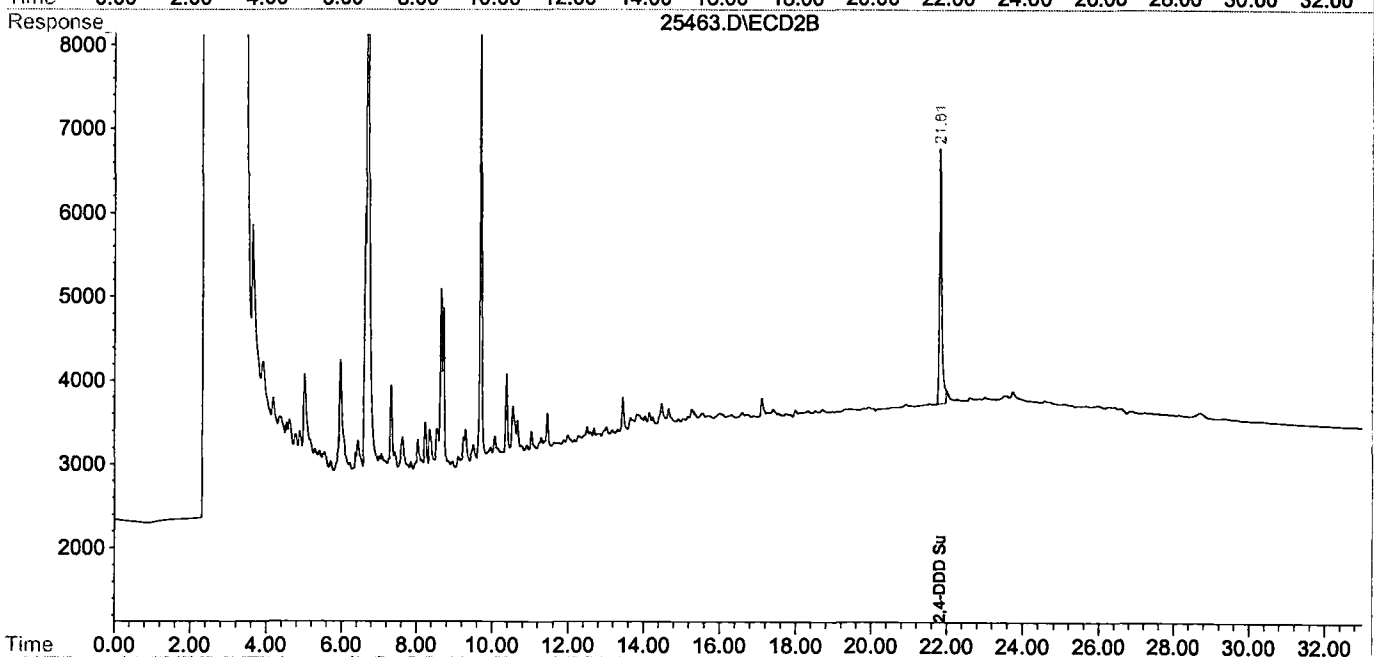
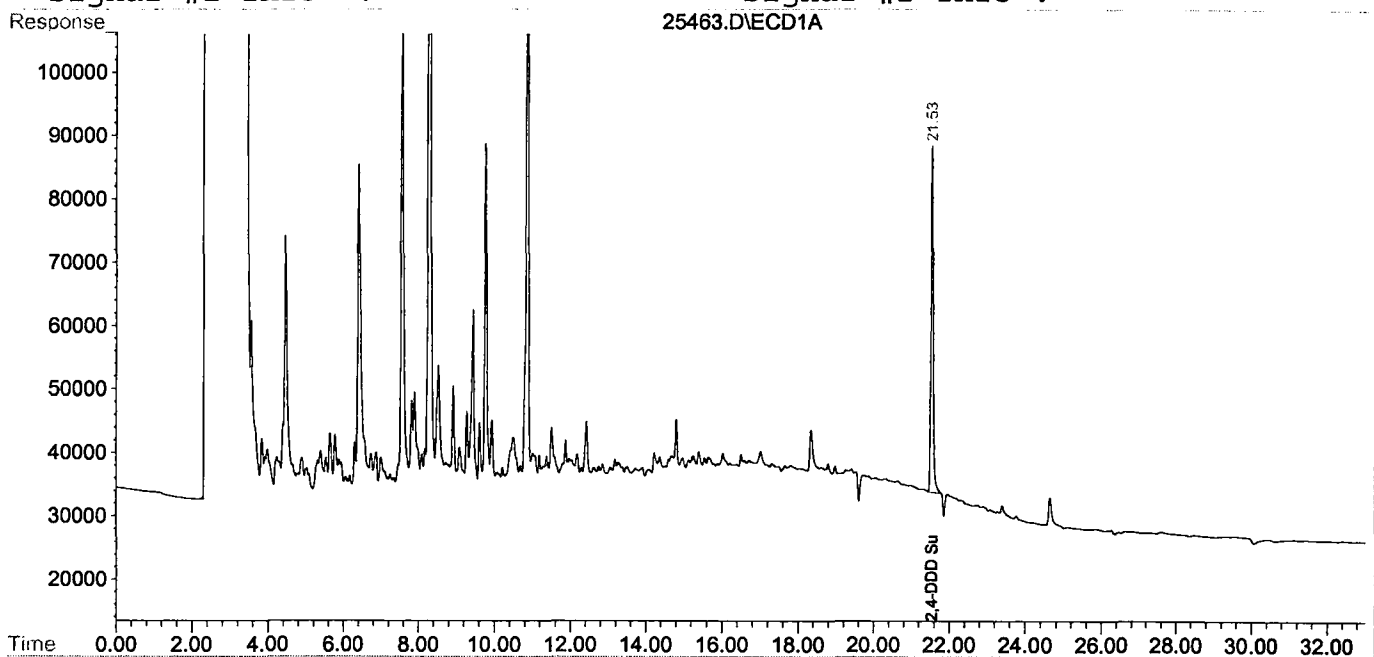
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH  
 Acq On : 23 Nov 2001 10:01 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:52 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25463.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:07 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2238349  | 128194 | 0.142m | 0.191m# |
| Spiked Amount 0.200         |       |       | Recovery | =      | 71.00% | 95.50%  |
| Target Compounds            |       |       |          |        |        |         |
| 1) 1016-1                   | 14.38 | 14.93 | 47749    | 1020   | 0.050  | 0.027 # |
| 2) 1016-2                   | 15.39 | 0.00  | 76198    | 0      | 0.040  | N.D. d# |
| 3) 1016-3                   | 0.00  | 17.11 | 0        | 8049   | N.D. d | 0.050   |
| 5) 1016-5                   | 0.00  | 17.99 | 0        | 2825   | N.D. d | 0.047   |

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

25463.D PCB1016.M Mon Dec 03 11:07:32 2001

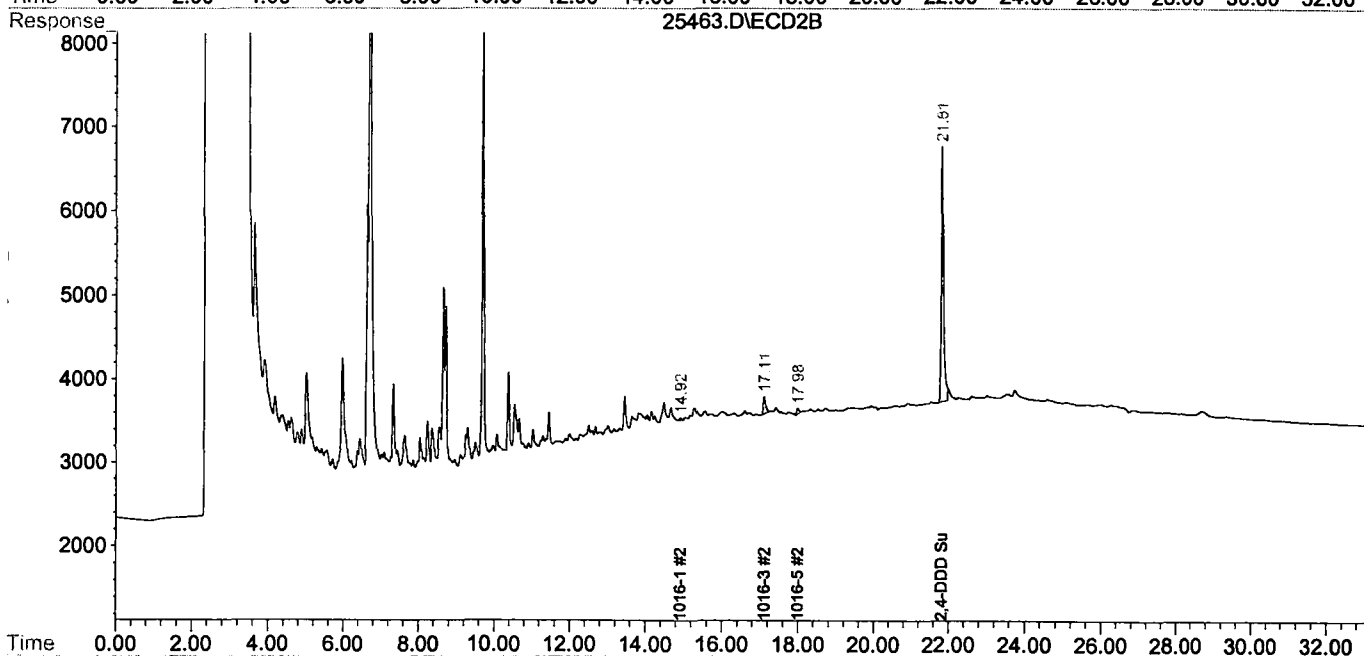
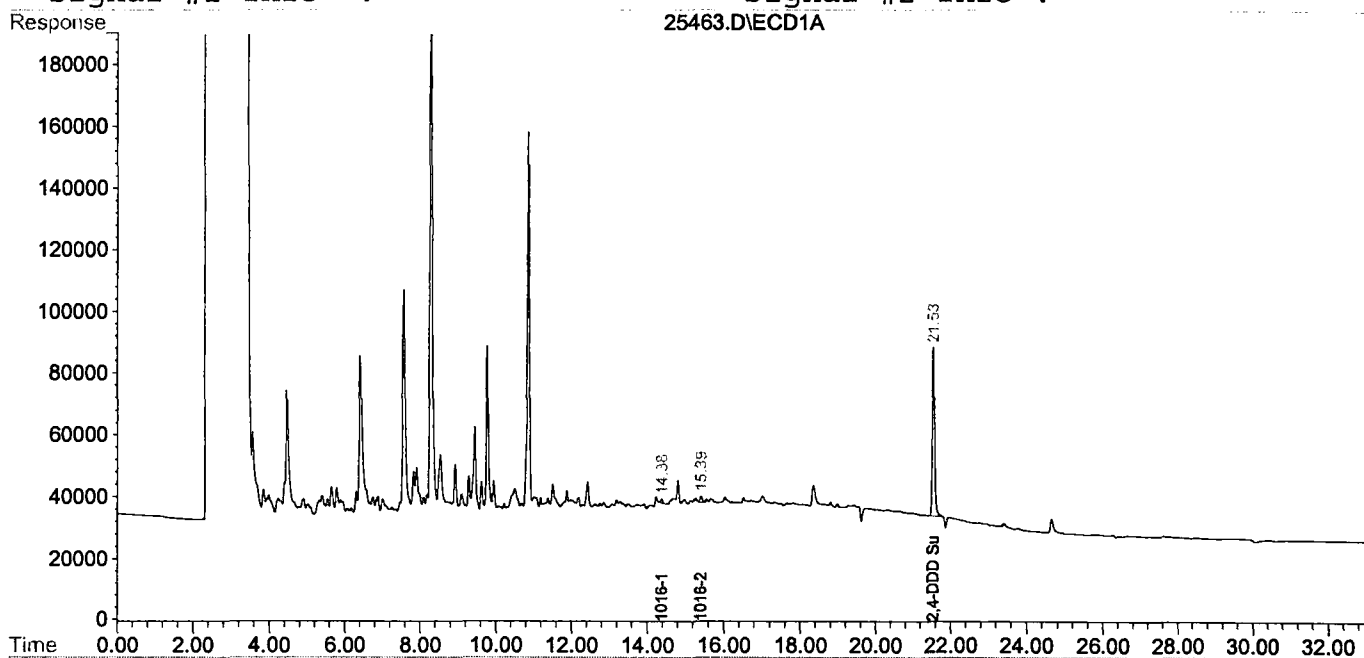
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD1A.CH Vial: 56  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25463.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:01 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:07 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



25463.D PCB1016.M

Mon Dec 03 11:07:33 2001

Page 2

**Comments for Sample AD25463 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:24:12

The recovery for the Surrogate Standard in this sample was below its acceptance range. Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:55:13

Sample: AD25495  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.15   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
Acq On : 23 Nov 2010 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH Vial: 57  
Acq On : 23 Nov 101 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : EVENTS.E

Quant Time: Nov 28 11:26 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2385244  | 140892 | 0.147m | 0.147m |
|       | Spiked Amount    | 0.200 |       | Recovery | =      | 73.50% | 73.50% |

## Target Compounds

|    |            |        |        |        |      |        |         |
|----|------------|--------|--------|--------|------|--------|---------|
| 1) | Propachlor | 14.16  | 0.00   | 2724   | 0    | 0.001  | N.D. d# |
| 2) | g-BHC      | 16.31  | 0.00   | 6832   | 0    | 0.000  | N.D. d# |
| 3) | Heptachlor | 17.02  | 0.00   | 128126 | 0    | 0.003  | N.D. d# |
| 4) | Aldrin     | 0.00   | 17.98  | 0      | 3341 | N.D. d | 0.001   |
| 6) | 4,4-DDE    | 20.78  | 21.25  | 3890   | 285  | 0.000  | 0.000 # |
| 7) | Dieldrin   | 0.00   | 21.46f | 0      | 382  | N.D.   | 0.000 # |
| 8) | Endrin     | 21.97f | 0.00   | 81534  | 0    | 0.004  | N.D. #  |

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

25495.D 112601P.M Wed Nov 28 11:26:35 2001

Page 1

# Quantitation Report

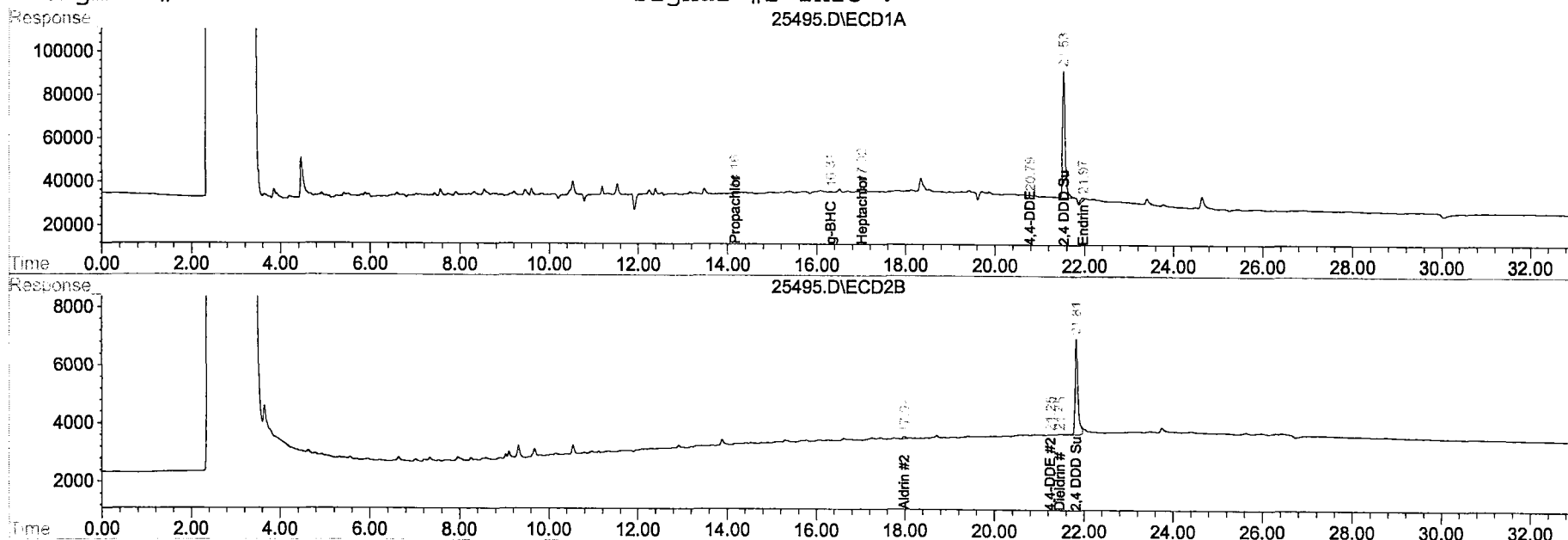
Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
 Acq On : 23 Nov 2010 10:38 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH Vial: 57  
 Acq On : 23 Nov 101 10:38 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:26 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
Acq On : 23 Nov 2010 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH Vial: 57  
Acq On : 23 Nov 101 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:10 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2381213  | 135256 | 0.121m | 0.140m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 60.50% | 70.00% |
| Target Compounds            |       |       |          |        |        |        |
| 1) TOX-1                    | 18.99 | 0.00  | 827346   | 0      | 6.505  | N.D. # |

# Quantitation Report

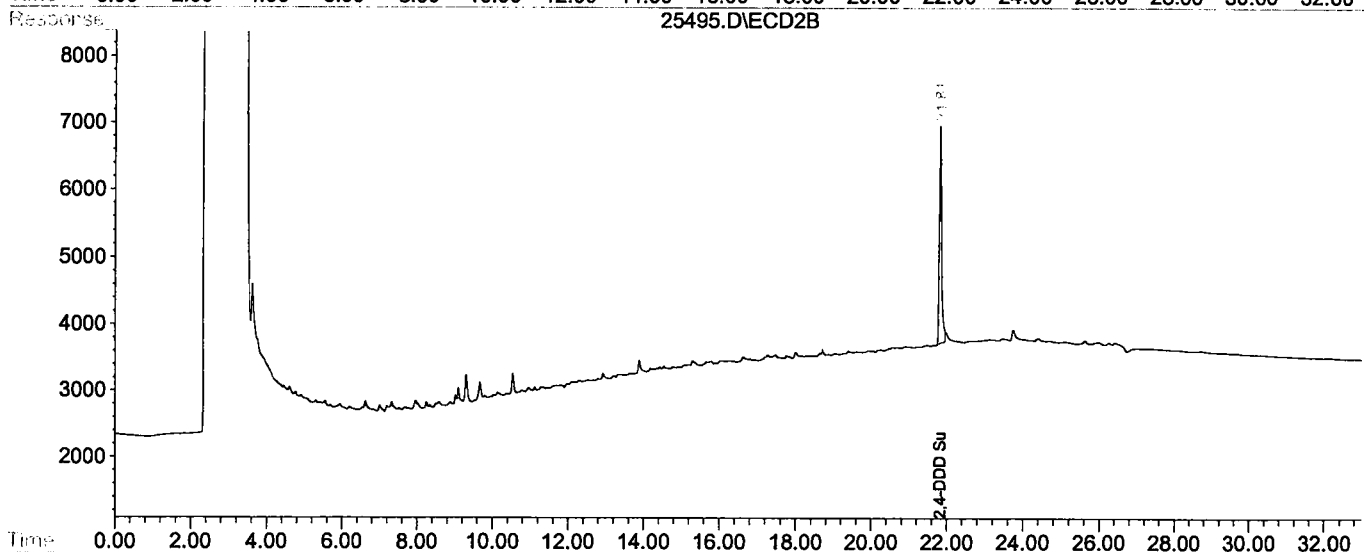
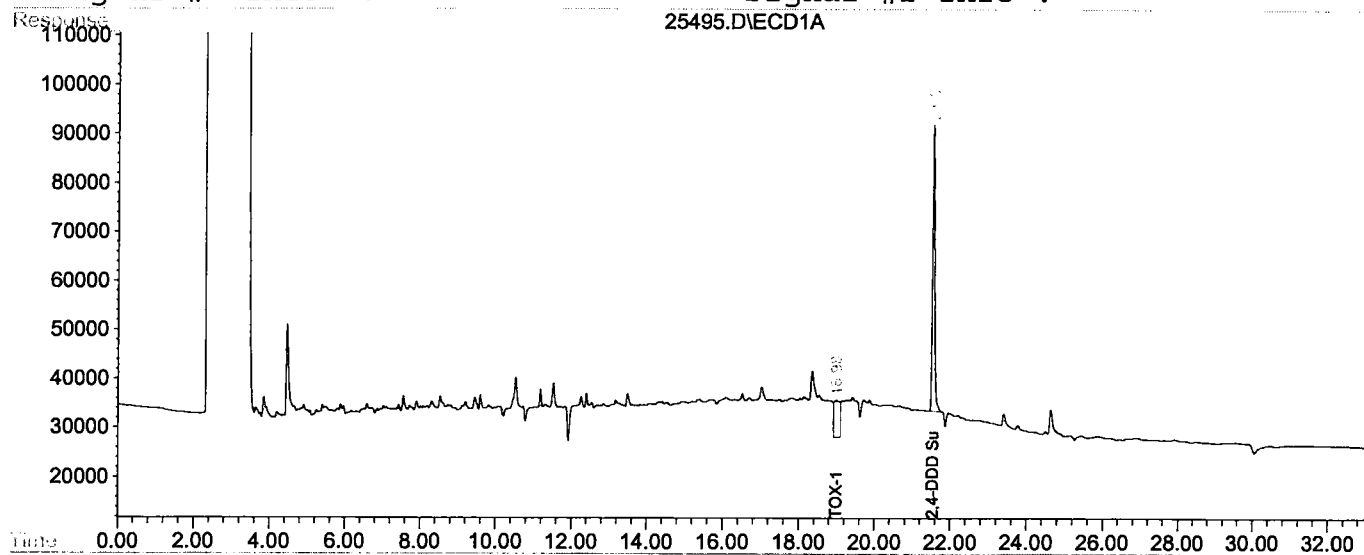
Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
 Acq On : 23 Nov 2010 10:38 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH Vial: 57  
 Acq On : 23 Nov 101 10:38 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:10 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Signal #1 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:53 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.54 | 21.81 | 2394572  | 140367 | 0.145  | 0.149m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 72.50% | 74.50% |

Target Compounds

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

25495.D 111701C.M Mon Dec 03 09:53:18 2001

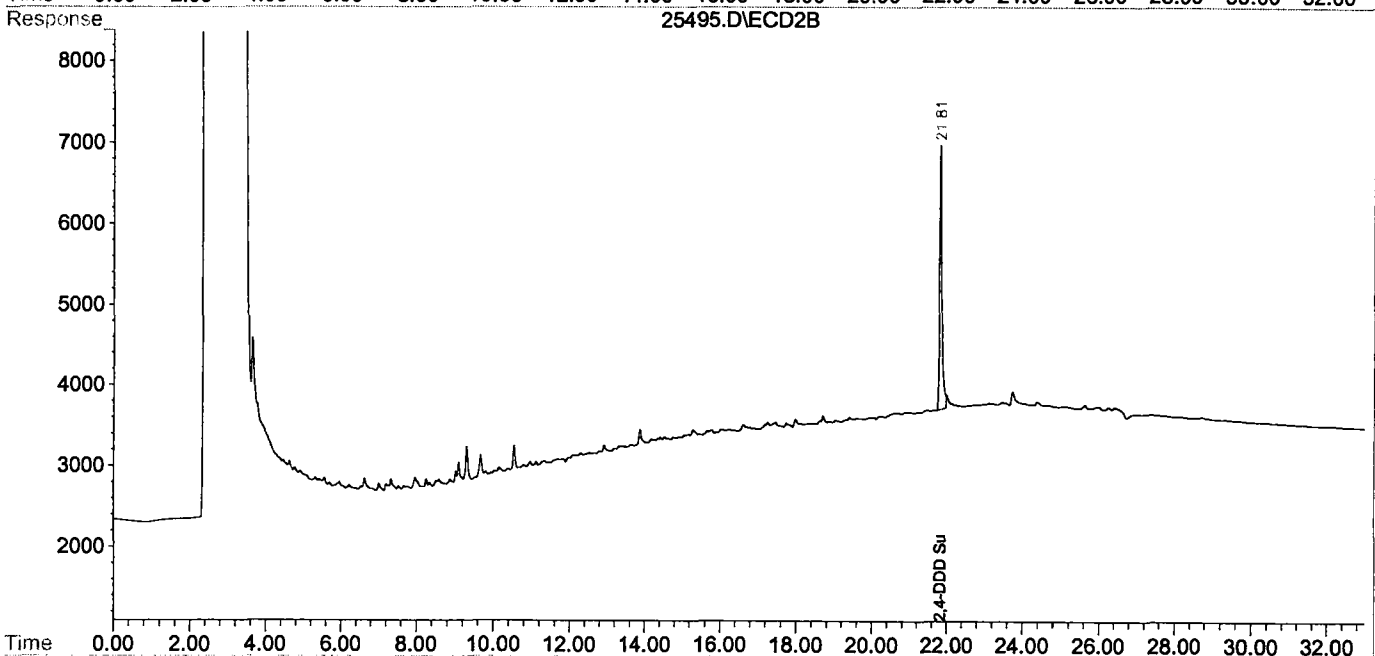
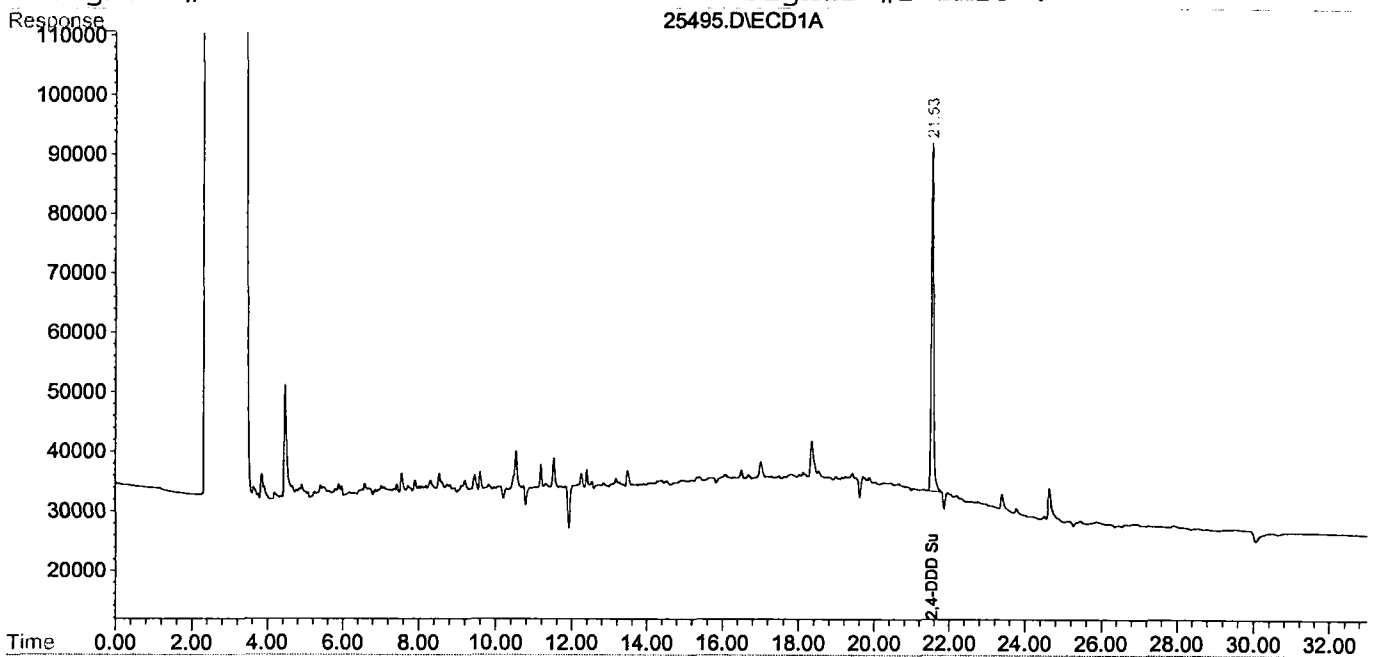
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:53 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.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\508\112101\25495.D\ECD1A.CH Vial: 57  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH  
 Acq On : 23 Nov 2001 10:38 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 11:08 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
 Title : Arochlor 1016  
 Last Update : Mon Dec 03 10:07:28 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 |       |       |          |        |        |         |
| 7) s 2,4-DDD Surrogat       | 21.53 | 21.81 | 2347330  | 140493 | 0.149m | 0.209m# |
| Spiked Amount 0.200         |       |       | Recovery | =      | 74.50% | 104.50% |
| Target Compounds            |       |       |          |        |        |         |
| 2) 1016-2                   | 15.39 | 0.00  | 9175     | 0      | 0.005  | N.D. d# |
| 3) 1016-3                   | 0.00  | 17.26 | 0        | 956    | N.D. d | 0.006   |
| 4) 1016-4                   | 17.48 | 17.73 | 16419    | 1088   | 0.016  | 0.024 # |
| 5) 1016-5                   | 0.00  | 17.98 | 0        | 2242   | N.D. d | 0.037   |
| 6) 1016-6                   | 0.00  | 19.05 | 0        | 1281   | N.D. d | 0.025   |

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

25495.D PCB1016.M Mon Dec 03 11:08:05 2001

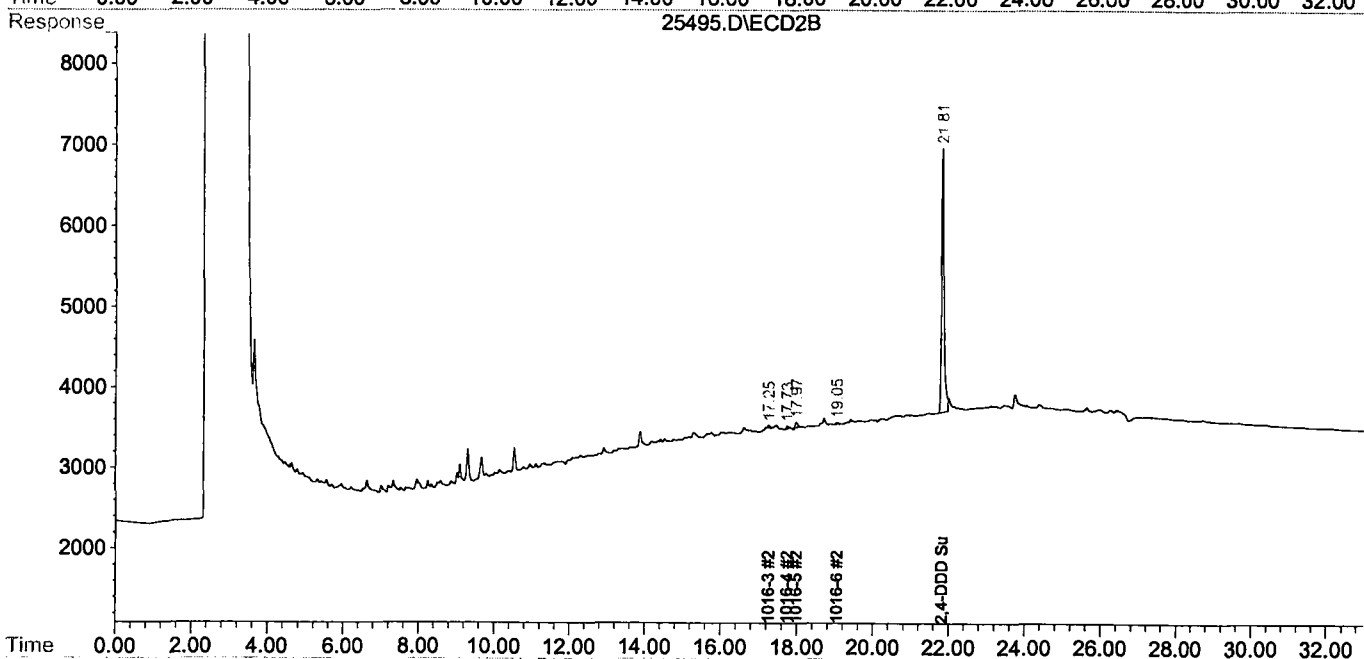
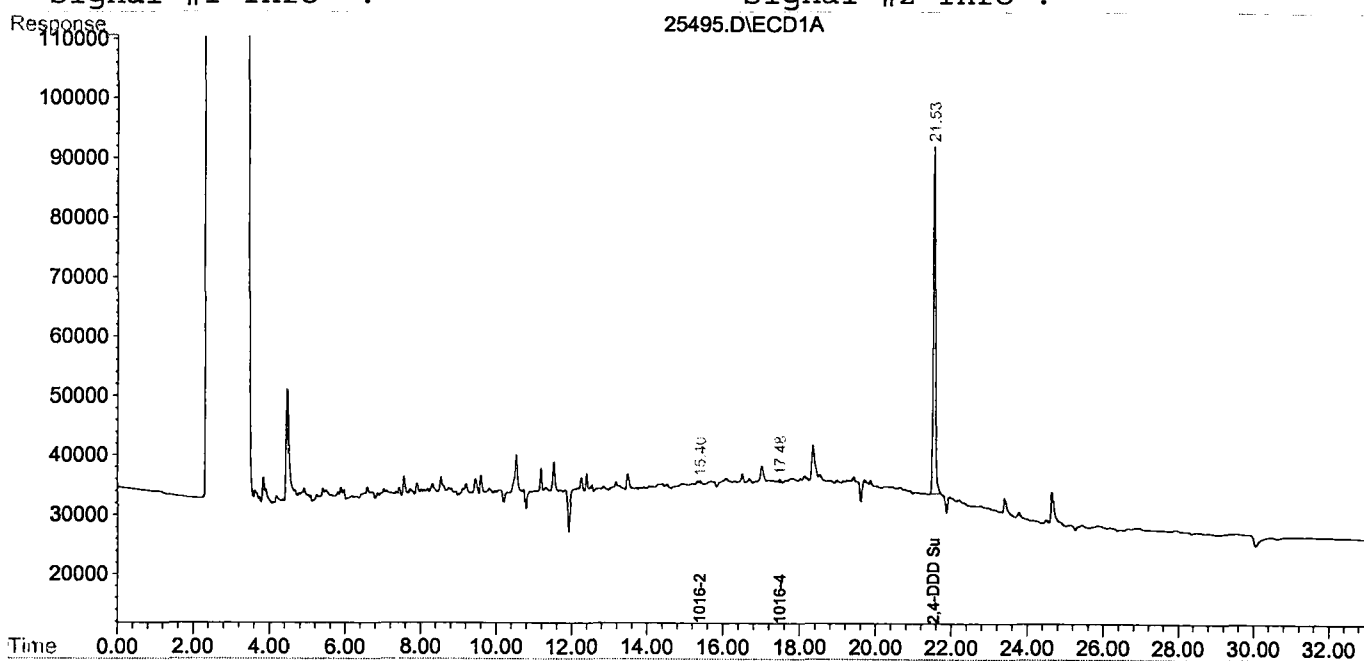
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD1A.CH Vial: 57  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25495.D\ECD2B.CH  
Acq On : 23 Nov 2001 10:38 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 11:08 2001 Quant Results File: PCB1016.RES

Quant Method : C:\HPCHEM\1\METHODS\508\PCB1016.M (Chemstation Integrator)  
Title : Arochlor 1016  
Last Update : Mon Dec 03 10:07:28 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25495 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:25:14

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
Westchester Dept. of Labs & Research  
Date: 12/04/2001 Time: 12:55:37

Sample: AD25496  
Analysis: \$508 Chlorine Pesticides - 508  
Units: ug  
Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.18   |           |       |

## Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
 Acq On : 23 Nov 2010 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH Vial: 58  
 Acq On : 23 Nov 101 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:27 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2918388  | 170470 | 0.180m | 0.178m |
| Spiked Amount 0.200    |       |       | Recovery | =      | 90.00% | 89.00% |

## Target Compounds

|                 |       |        |       |     |       |         |
|-----------------|-------|--------|-------|-----|-------|---------|
| 3) Heptachlor   | 17.02 | 0.00   | 97862 | 0   | 0.002 | N.D. #  |
| 6) 4,4-DDE      | 20.89 | 20.95  | 932   | 90  | 0.000 | 0.000 # |
| 7) Dieldrin     | 21.29 | 21.46f | 8837  | 986 | 0.000 | 0.000 # |
| 9) Methoxychlor | 24.86 | 0.00   | 77    | 0   | 0.000 | N.D. d# |

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

25496.D 112601P.M Wed Nov 28 11:27:22 2001

Page 1

# Quantitation Report

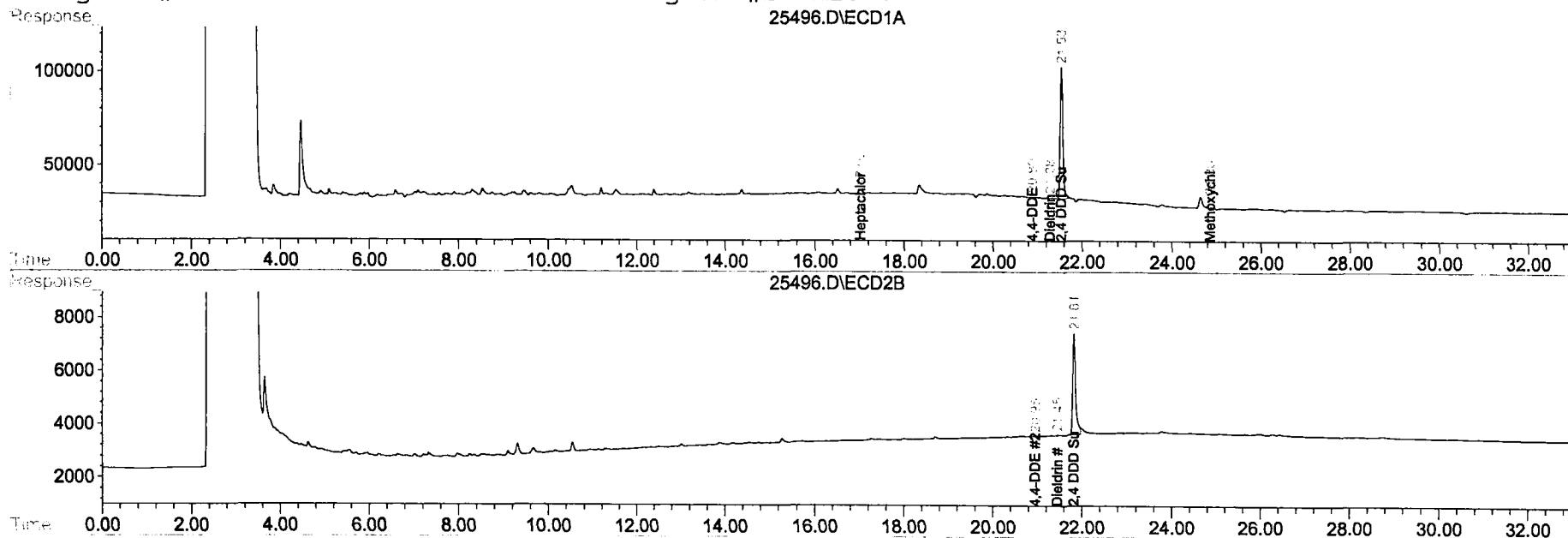
Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
 Acq On : 23 Nov 2010 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH Vial: 58  
 Acq On : 23 Nov 10 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:27 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
 Acq On : 23 Nov 2010 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH Vial: 58  
 Acq On : 23 Nov 10 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:11 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2948092  | 166647 | 0.149m | 0.173m |
| Spiked Amount         | 0.200 |       | Recovery | =      | 74.50% | 86.50% |

Target Compounds

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

25496.D 112801T.M Wed Nov 28 13:11:22 2001

Page 1

# Quantitation Report

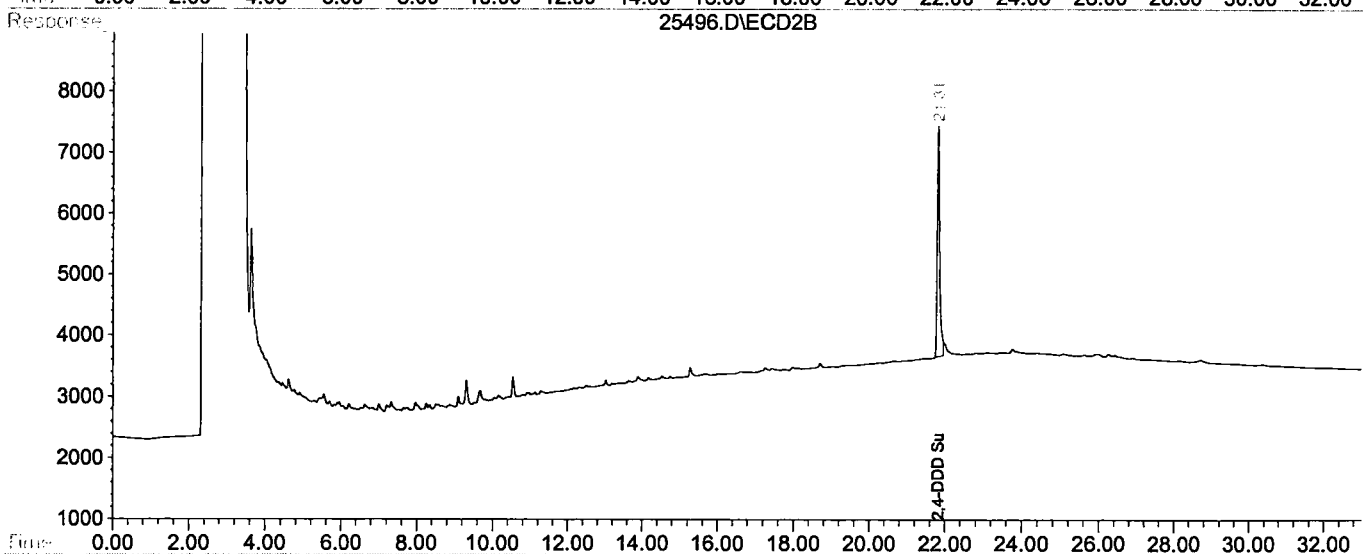
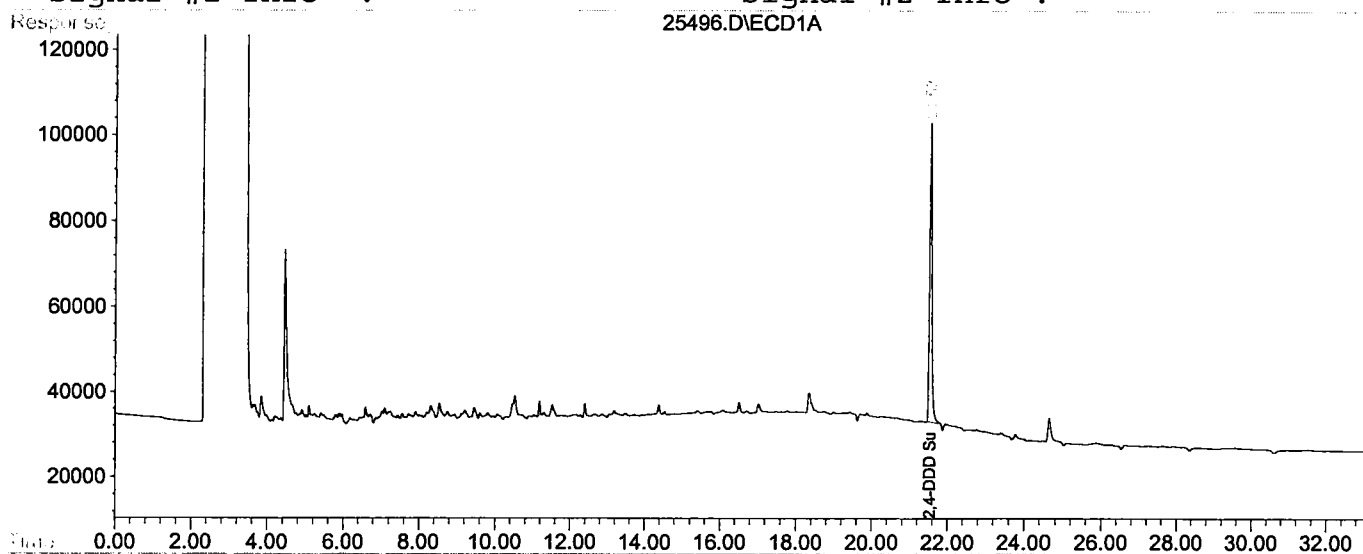
Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
 Acq On : 23 Nov 2010 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH Vial: 58  
 Acq On : 23 Nov 10 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:11 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH  
Acq On : 23 Nov 2001 11:16 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:53 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2938919  | 171601 | 0.178m | 0.182m |
| Spiked Amount               | 0.200 |       | Recovery | =      | 89.00% | 91.00% |

Target Compounds

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

25496.D 111701C.M Mon Dec 03 09:53:46 2001

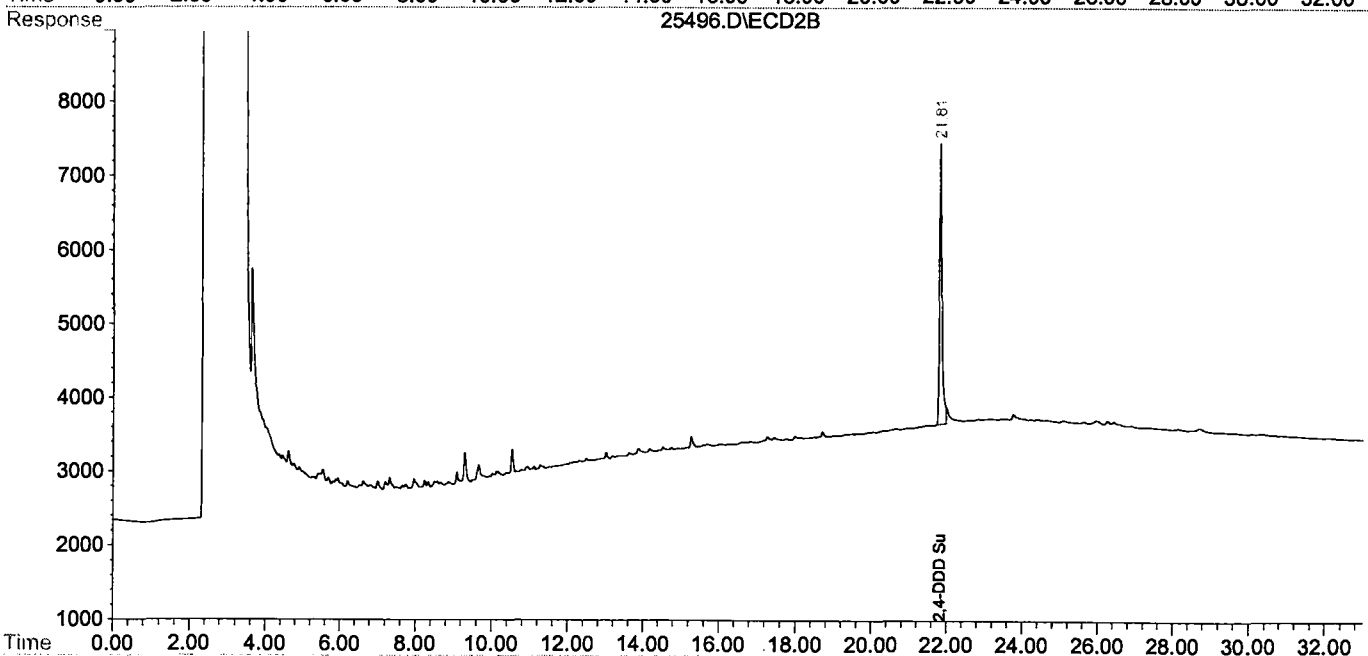
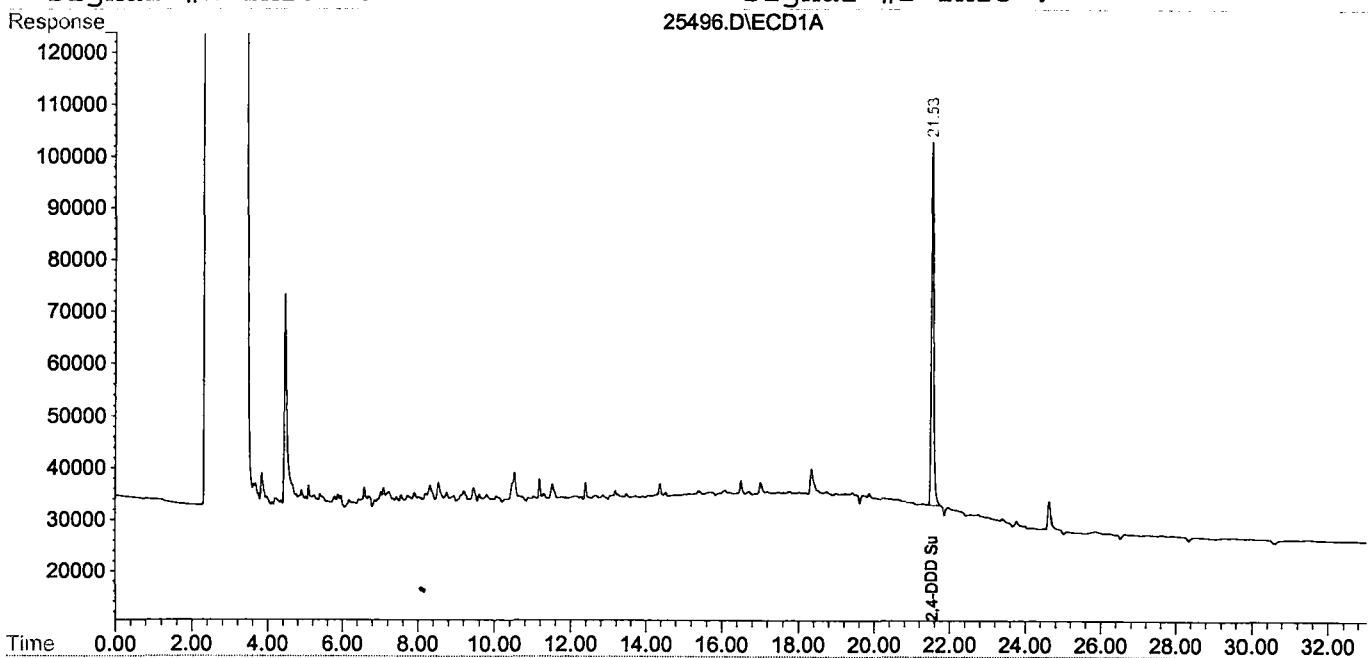
Page 1

# Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD1A.CH Vial: 58  
 Signal #2 : C:\HPCHEM\1\DATA\508\112101\25496.D\ECD2B.CH  
 Acq On : 23 Nov 2001 11:16 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: events.e IntFile Signal #2: events2.e  
 Quant Time: Dec 3 9:53 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
 Title : 508 CHLORDANE  
 Last Update : Wed Nov 28 13:19:08 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

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



**Comments for Sample AD25496 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:25:57

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.

User: Nefliu, Marcela  
 Westchester Dept. of Labs & Research  
 Date: 12/04/2001 Time: 12:56:52

Sample: AD25497  
 Analysis: \$508 Chlorine Pesticides - 508  
 Units: ug  
 Started: 10/25/01 12:47 Ended: 11/21/01 12:47 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       |      | 0.18   |           |       |

## Quantitation Report

(QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH  
Acq On : 23 Nov 2001 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
Quant Time: Nov 28 11:28 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2872818  | 167341 | 0.177m | 0.175m |
|       | Spiked Amount    | 0.200 |       | Recovery | =      | 88.50% | 87.50% |

## Target Compounds

|    |            |       |        |        |      |       |         |
|----|------------|-------|--------|--------|------|-------|---------|
| 2) | g-BHC      | 16.39 | 0.00   | 714    | 0    | 0.000 | N.D. d# |
| 3) | Heptachlor | 17.02 | 0.00   | 102024 | 0    | 0.003 | N.D. #  |
| 6) | 4,4-DDE    | 20.88 | 0.00   | 1205   | 0    | 0.000 | N.D. #  |
| 7) | Dieldrin   | 21.30 | 21.46f | 606    | 1482 | 0.000 | 0.001 # |

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

25497.D 112601P.M Tue Dec 04 12:56:17 2001

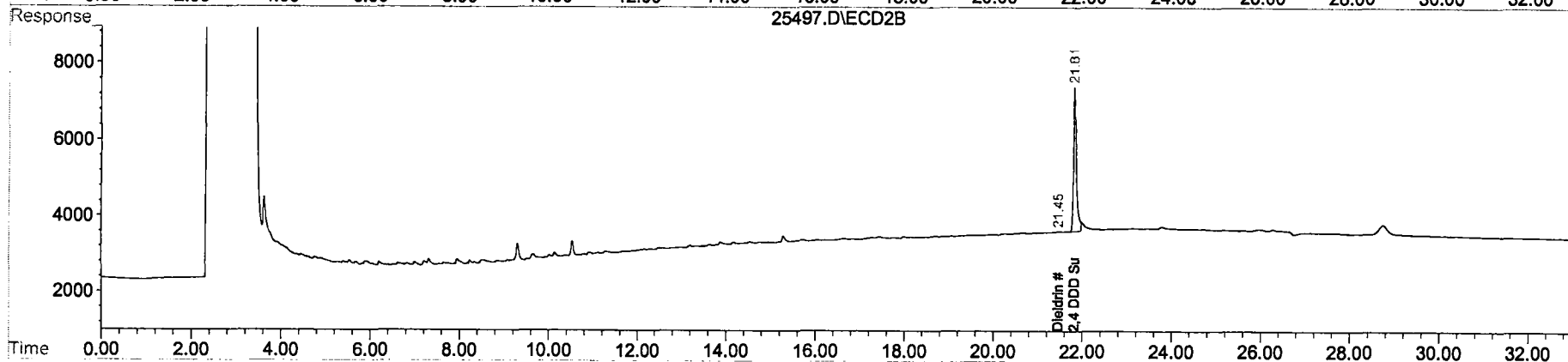
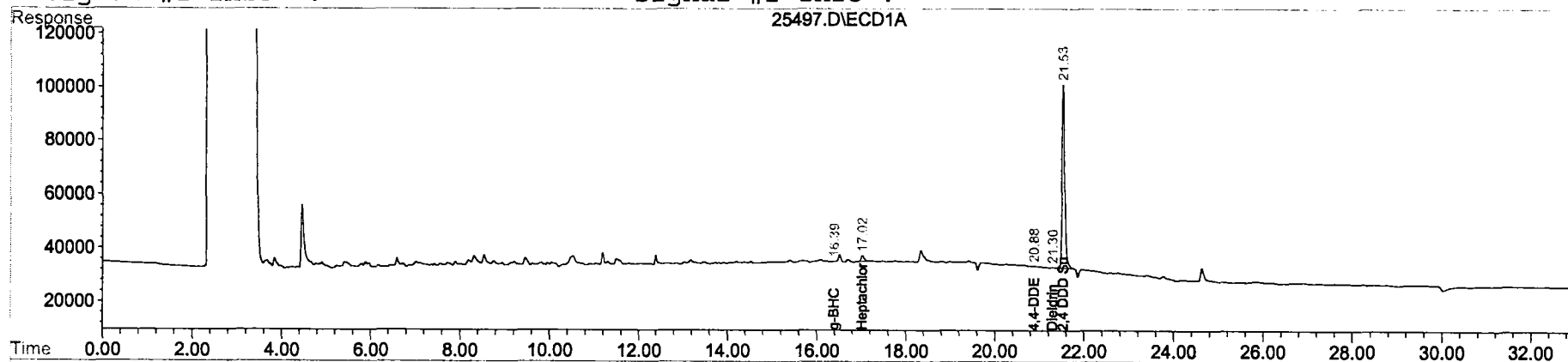
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH  
Acq On : 23 Nov 2001 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS.E  
Quant Time: Nov 28 11:28 2001 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
Title : 508 Chlorinated Pesticides  
Last Update : Wed Nov 28 11:18:57 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



## Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
Acq On : 23 Nov 2010 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH Vial: 59  
Acq On : 23 Nov 101 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile : events2.e  
Quant Time: Nov 28 13:11 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
Title : 508 Toxaphene  
Last Update : Wed Nov 28 13:04:59 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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 | 21.53 | 21.81 | 2874195  | 163075 | 0.146m | 0.169m |
| Spiked Amount | 0.200            |       |       | Recovery | =      | 73.00% | 84.50% |

## Target Compounds

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

25497.D 112801T.M Wed Nov 28 13:11:56 2001

Page 1

# Quantitation Report

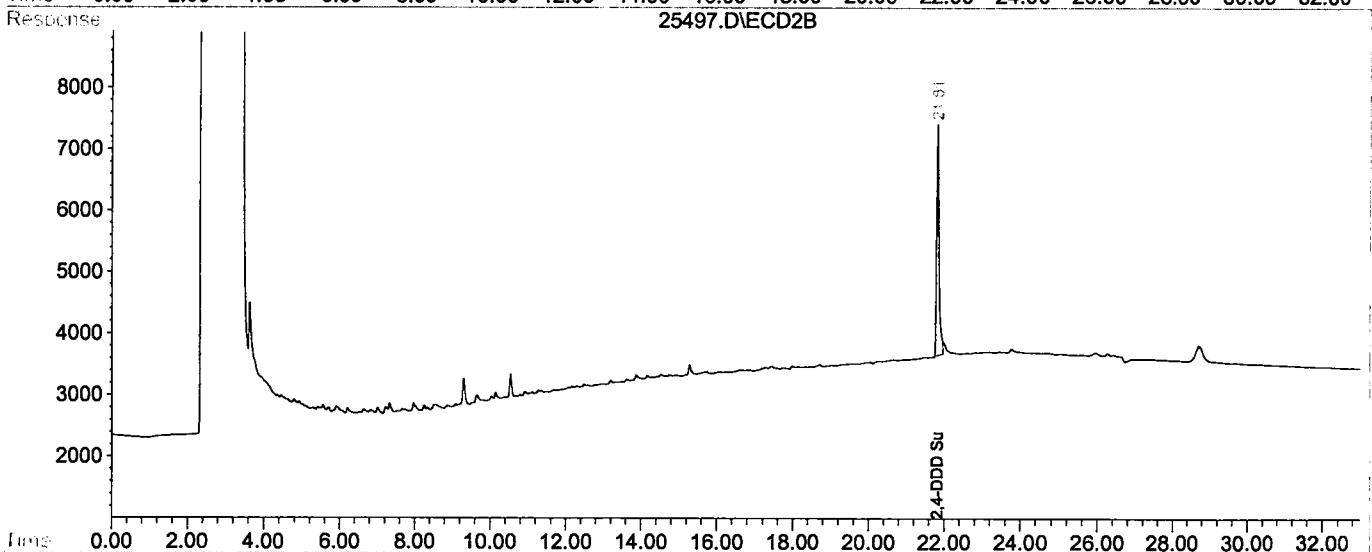
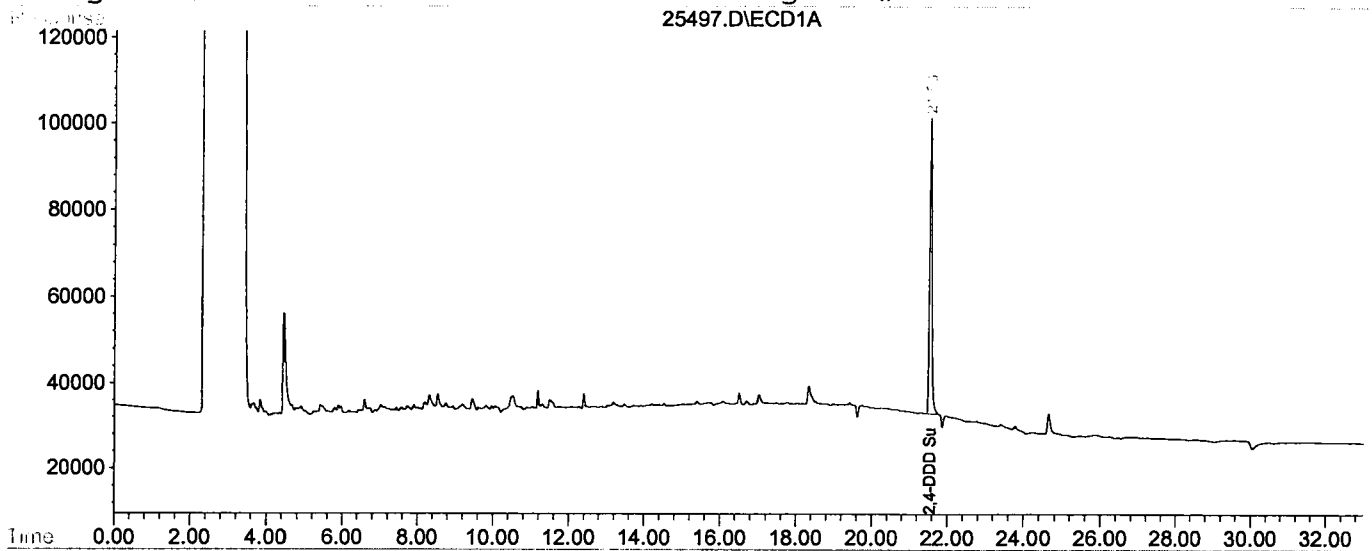
Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
 Acq On : 23 Nov 2010 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events.e

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH Vial: 59  
 Acq On : 23 Nov 10 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : events2.e

Quant Time: Nov 28 13:11 19101 Quant Results File: 112801T.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112801T.M (Chemstation Integrator)  
 Title : 508 Toxaphene  
 Last Update : Wed Nov 28 13:04:59 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.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\508\112101\25497.D\ECD1A.CH Vial: 59  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH  
Acq On : 23 Nov 2001 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:54 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Initial Calibration  
DataAcq Meth : PESTPCB.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       | 21.53 | 21.81 | 2873993  | 164305 | 0.174m | 0.174m |
| Spiked Amount 0.200         |       |       | Recovery | =      | 87.00% | 87.00% |

Target Compounds

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

25497.D 111701C.M Mon Dec 03 09:54:13 2001

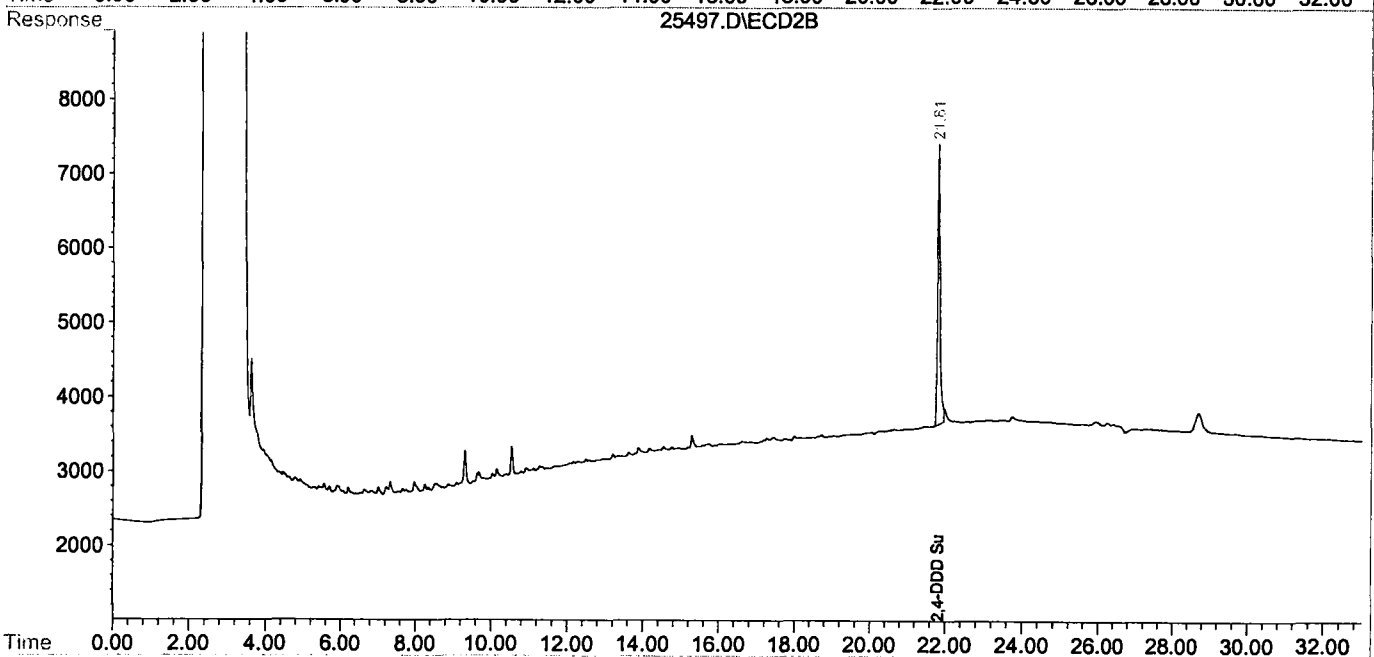
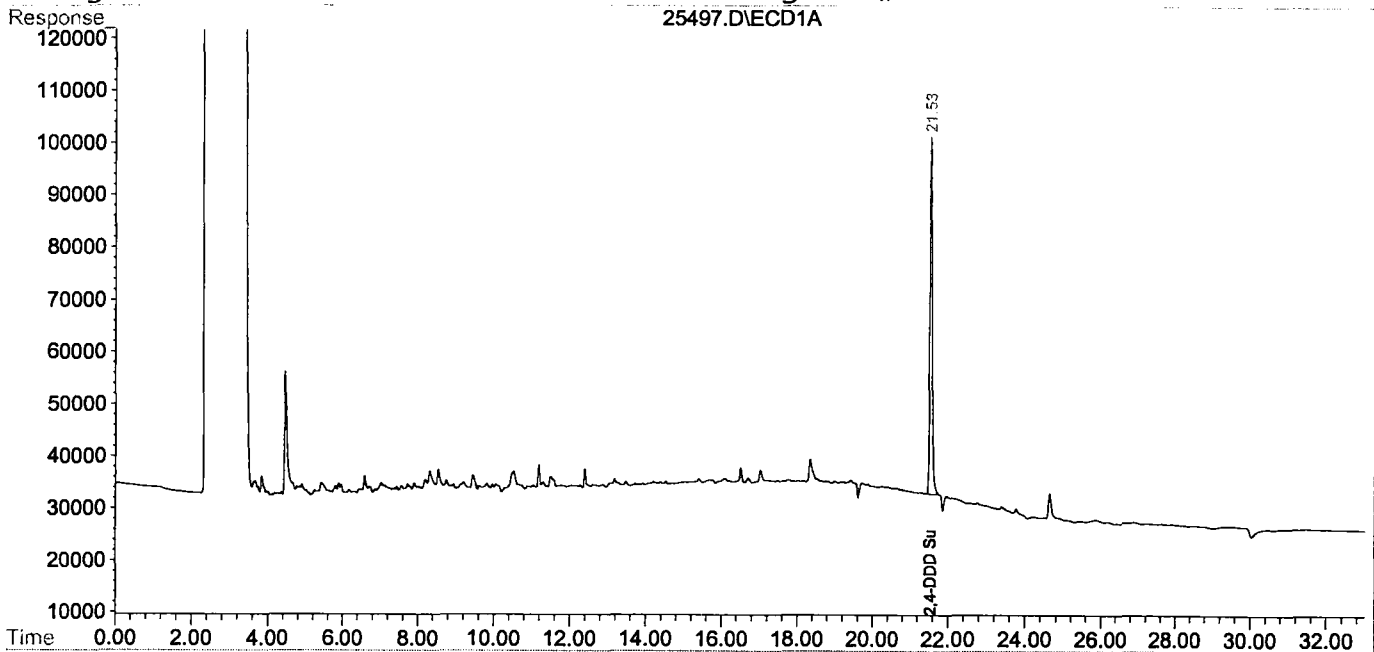
Page 1

## Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
Signal #2 : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH  
Acq On : 23 Nov 2001 11:54 pm Operator: Nefliu  
Sample : sample Inst : 105  
Misc : Multiplr: 1.00  
IntFile Signal #1: events.e IntFile Signal #2: events2.e  
Quant Time: Dec 3 9:54 2001 Quant Results File: 111701C.RES

Quant Method : C:\HPCHEM\1\METHODS\508\111701C.M (Chemstation Integrator)  
Title : 508 CHLORDANE  
Last Update : Wed Nov 28 13:19:08 2001  
Response via : Multiple Level Calibration  
DataAcq Meth : PESTPCB.M

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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
 Acq On : 23 Nov 2010 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH Vial: 59  
 Acq On : 23 Nov 10 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:28 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Initial Calibration  
 DataAcq Meth : PESTPCB.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      | 21.53 | 21.81  | 2872818  | 167341 | 0.177m | 0.175m  |
| Spiked Amount               | 0.200 |        | Recovery | =      | 88.50% | 87.50%  |
| Target Compounds            |       |        |          |        |        |         |
| 2) g-BHC                    | 16.39 | 0.00   | 714      | 0      | 0.000  | N.D. d# |
| 3) Heptachlor               | 17.02 | 0.00   | 102024   | 0      | 0.003  | N.D. #  |
| 6) 4,4-DDE                  | 20.88 | 0.00   | 1205     | 0      | 0.000  | N.D. #  |
| 7) Dieldrin                 | 21.30 | 21.46f | 606      | 1482   | 0.000  | 0.001 # |

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

25497.D 112601P.M Wed Nov 28 11:28:09 2001

Page 1

# Quantitation Report

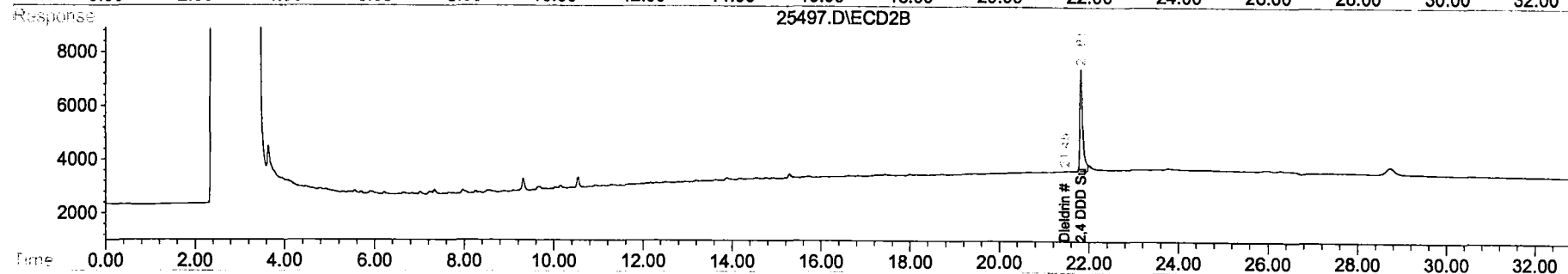
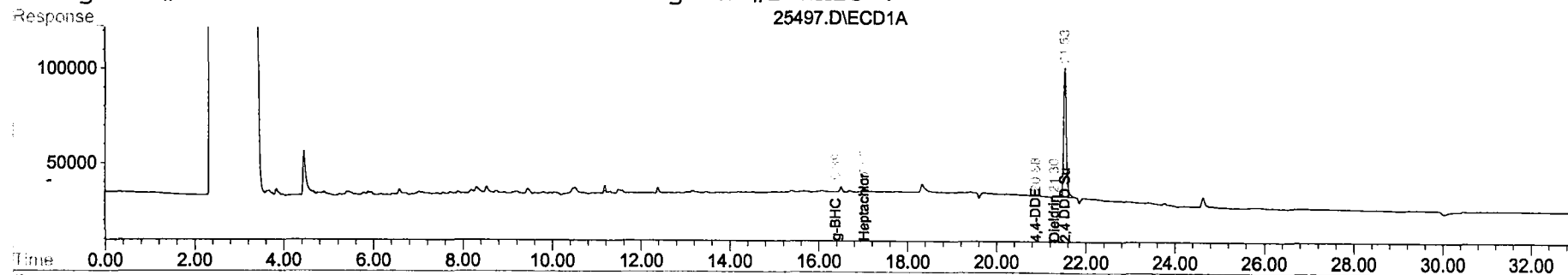
Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD1A.CH Vial: 59  
 Acq On : 23 Nov 2010 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Data File : C:\HPCHEM\1\DATA\508\112101\25497.D\ECD2B.CH Vial: 59  
 Acq On : 23 Nov 10 11:54 pm Operator: Nefliu  
 Sample : sample Inst : 105  
 Misc : Multiplr: 1.00  
 IntFile : EVENTS.E

Quant Time: Nov 28 11:28 19101 Quant Results File: 112601P.RES

Quant Method : C:\HPCHEM\1\METHODS\508\112601P.M (Chemstation Integrator)  
 Title : 508 Chlorinated Pesticides  
 Last Update : Wed Nov 28 11:18:57 2001  
 Response via : Multiple Level Calibration  
 DataAcq Meth : PESTPCB.M

Volume Inj. :  
 Signal #1 Phase : Signal #2 Phase:  
 Signal #1 Info : Signal #2 Info :  
 25497.D\ECD1A



**Comments for Sample AD25497 - Analysis \$508**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 11:26:41

Recoveries for 4 of the 9 compounds in the LCS Standard were below their acceptance ranges.