Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012825\
Data File : PL093838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:16
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 03:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| | | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|---|
| | | System Monitoring Compounds | | | | | | | |
| 1) | SA | Tetrachlo... | 3.538 | 2.774 | 131.5E6 | 194.8E6 | 48.833 | 59.691 | |
| 28) | SA | Decachlor... | 9.058 | 7.912 | 102.5E6 | 177.3E6 | 49.007 | 50.592 | |
| | | Target Compounds | | | | | | | |
| 2) | A | alpha-BHC | 4.006 | 3.265 | 5285660 | 384451 | 1.379 | 0.079 | # |
| 3) | MA | gamma-BHC... | 4.348f | 3.607 | 578582 | 48963 | 0.157 | 0.010 | # |
| 4) | MA | Heptachlor | 4.914 | 3.945 | 84884574 | 101.2E6 | 25.900 | 21.732 | |
| 5) | MB | Aldrin | 0.000 | 4.242f | 0 | 8890512 | N.D. | 1.949 | # |
| 6) | B | beta-BHC | 4.554f | 3.906 | 3424907 | 223429 | 2.131 | 0.112 | # |
| 7) | B | delta-BHC | 0.000 | 4.129 | 0 | 10438549 | N.D. | 2.197 | # |
| 8) | B | Heptachlo... | 5.667f | 0.000 | 36634338 | 0 | 12.319 | N.D. | # |
| 9) | A | Endosulfan I | 0.000 | 5.085 | 0 | 18986280 | N.D. | 4.897 | # |
| 10) | B | gamma-Chl... | 5.941 | 4.977 | 204.4E6 | 236.7E6 | 73.332 | 55.863 | |
| 11) | B | alpha-Chl... | 6.023 | 5.040 | 247.0E6 | 228.6E6 | 88.583 | 54.604 | # |
| 12) | B | 4,4'-DDE | 6.178 | 5.226 | 1869203 | 1076560 | 0.768 | 0.269 | # |
| 13) | MA | Dieldrin | 6.345 | 5.341f | 9122605 | 3214252 | 3.286 | 0.748 | # |
| 14) | MA | Endrin | 6.601f | 5.648 | 1527621 | 14027579 | 0.651 | 3.799 | # |
| 15) | B | Endosulfa... | 6.778 | 5.936 | 5748571 | 73439477 | 2.386 | 19.828 | # |
| 19) | B | Endosulfa... | 7.158 | 6.340 | 714897 | 467215 | 0.316 | 0.131 | # |
| 20) | A | Methoxychlor | 0.000 | 6.604 | 0 | 723989 | N.D. | 0.405 | # |
| 23) | | Chlordane-1 | 4.699 | 3.770 | 61960222 | 68486436 | 533.039 | 548.783 | |
| 24) | | Chlordane-2 | 0.000 | 4.348 | 0 | 78654131 | N.D. | 536.077 | # |
| 25) | | Chlordane-3 | 5.941 | 4.977 | 204.4E6 | 236.7E6 | 521.084 | 544.418 | |
| 26) | | Chlordane-4 | 6.023 | 5.040 | 247.0E6 | 228.6E6 | 525.423 | 539.575 | |
| 27) | | Chlordane-5 | 6.871 | 5.936 | 21051211 | 73439477 | 240.018 | 479.486 | # |

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

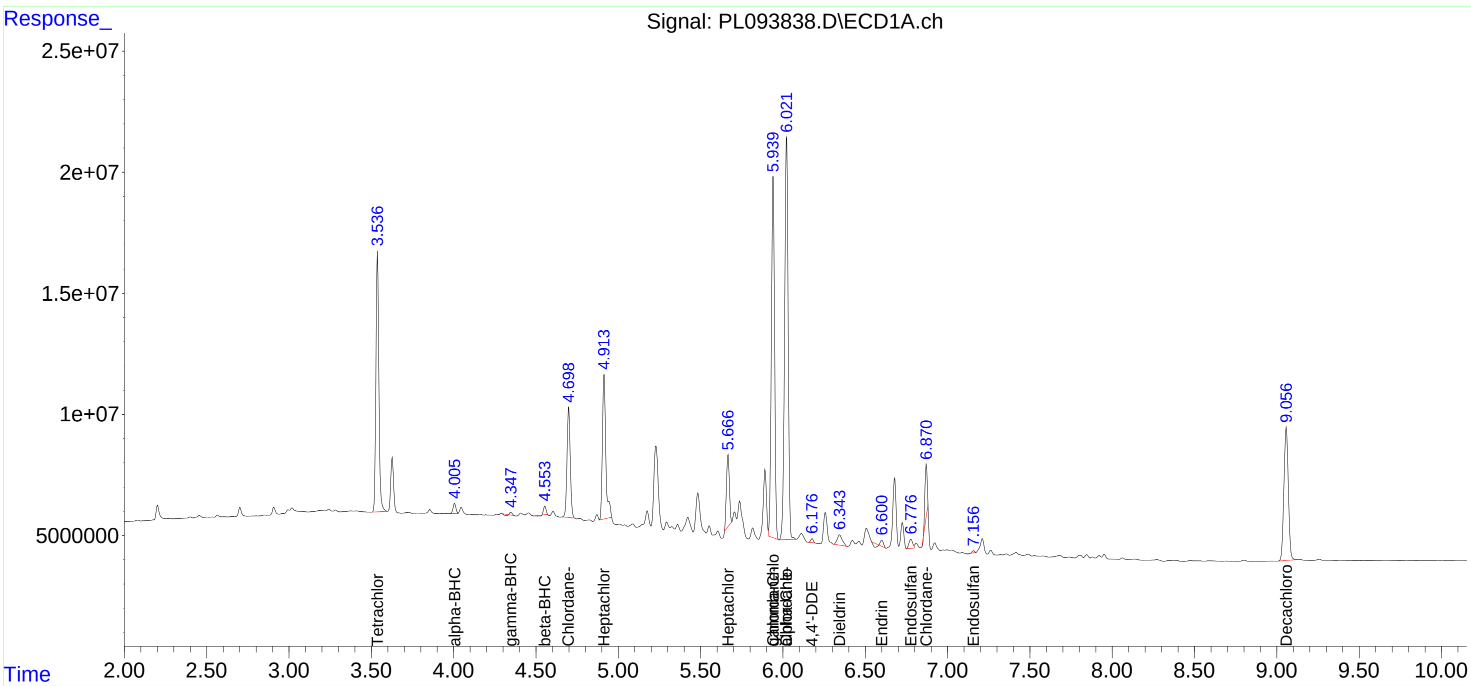
Quantitation Report (Not Reviewed)

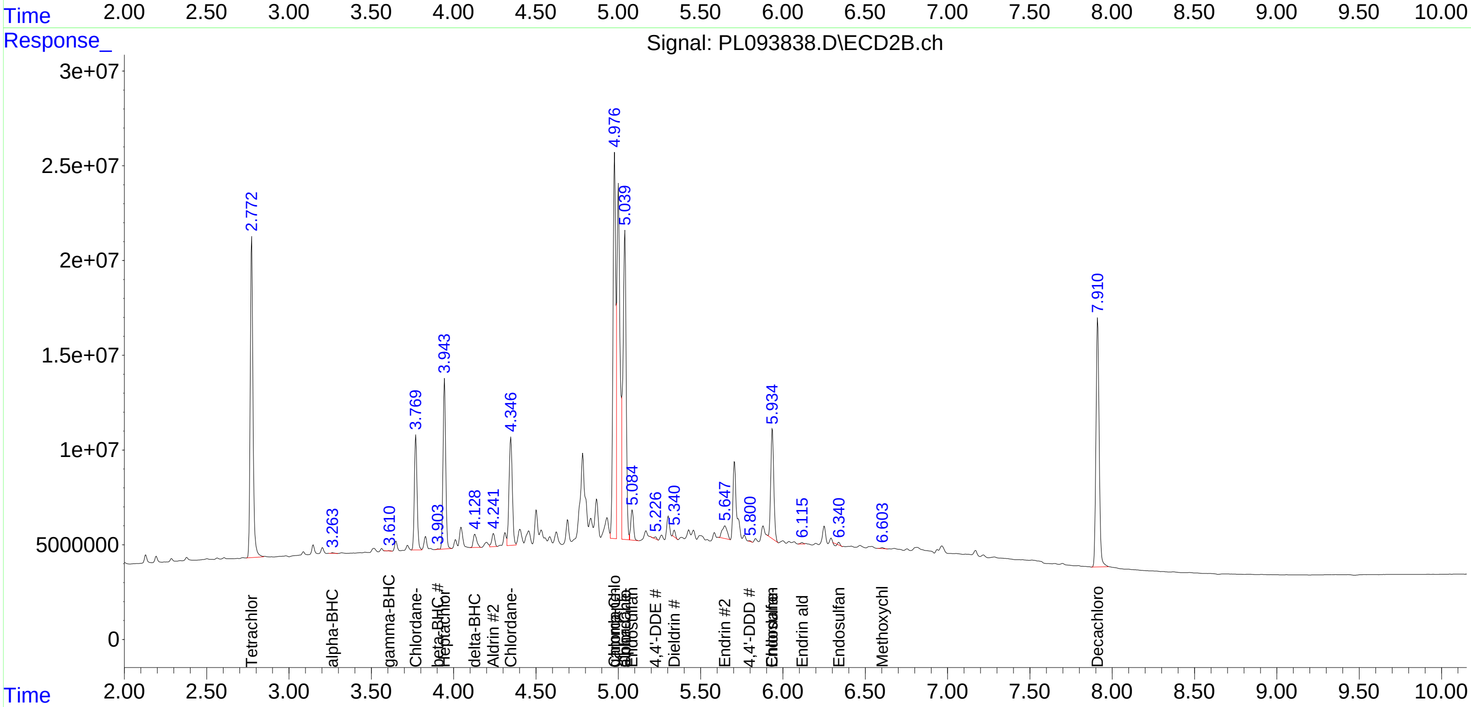
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012825\
Data File : PL093838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:16
Operator : AR\AJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

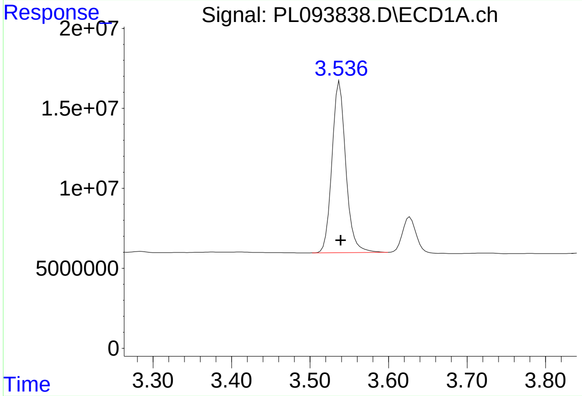
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 03:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



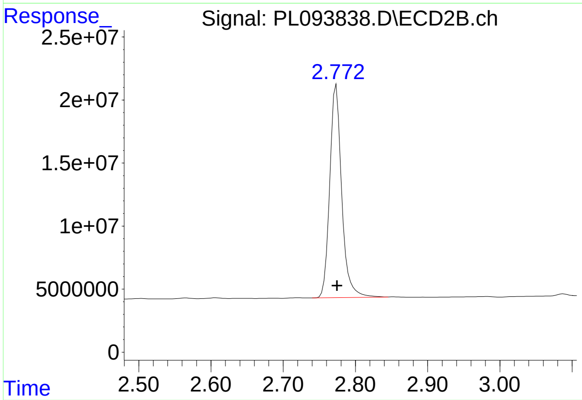






#1 Tetrachloro-m-xylene

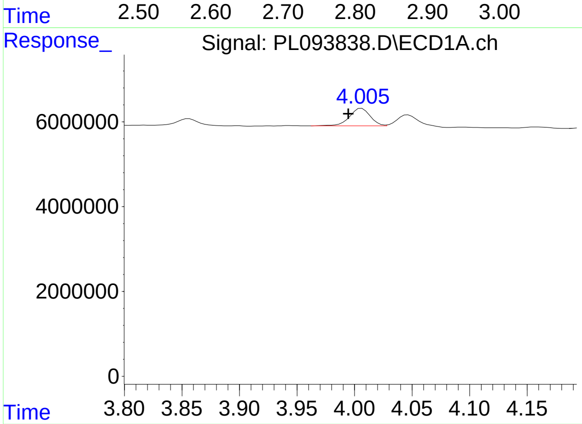
R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 131496493
Conc: 48.83 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



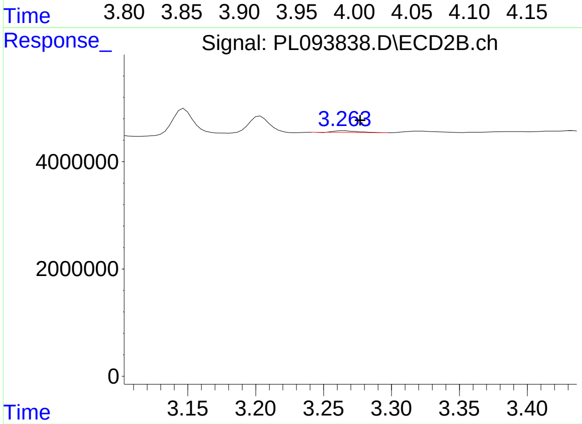

#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 194839749
Conc: 59.69 ng/ml



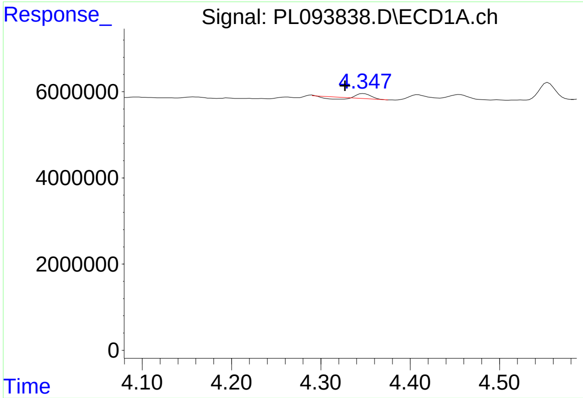

#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.012 min
Response: 5285660
Conc: 1.38 ng/ml




#2 alpha-BHC

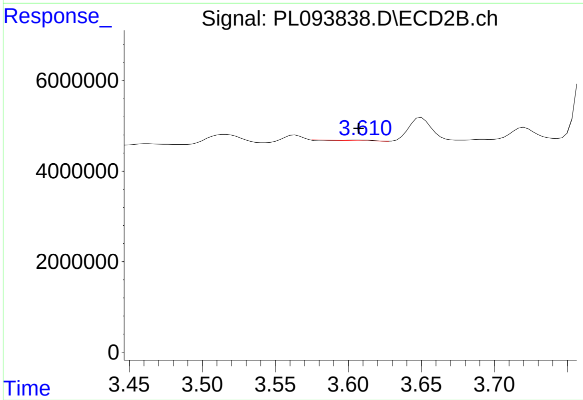
R.T.: 3.265 min
Delta R.T.: -0.012 min
Response: 384451
Conc: 0.08 ng/ml




#3 gamma-BHC (Lindane)

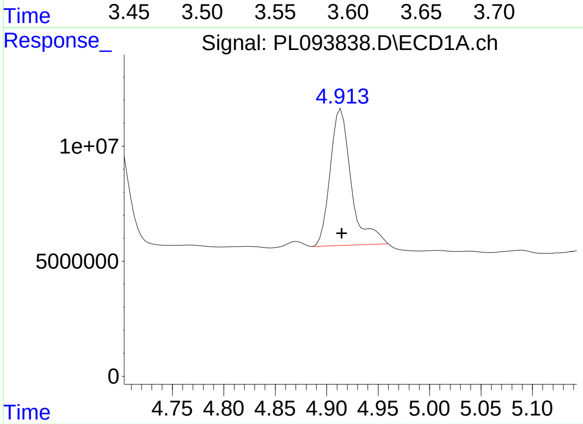
R.T.: 4.348 min
Delta R.T.: 0.021 min
Response: 578582
Conc: 0.16 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



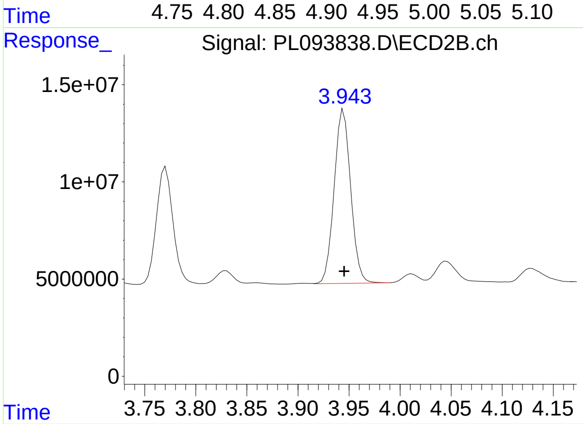

#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 48963
Conc: 0.01 ng/ml



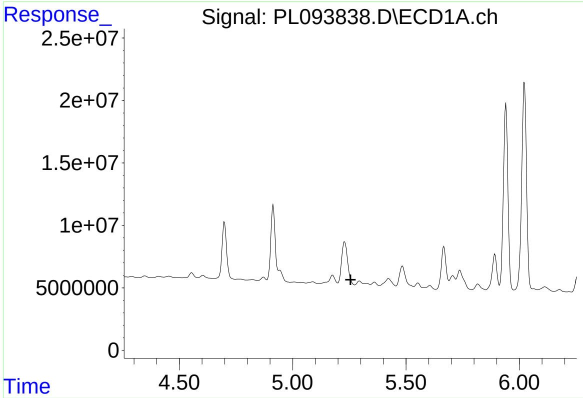

#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 84884574
Conc: 25.90 ng/ml




#4 Heptachlor

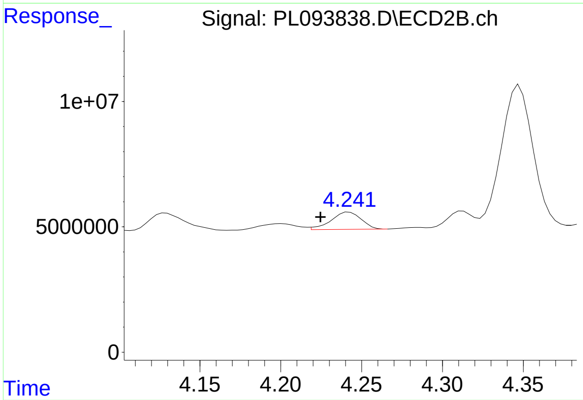
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 101156401
Conc: 21.73 ng/ml




#5 Aldrin

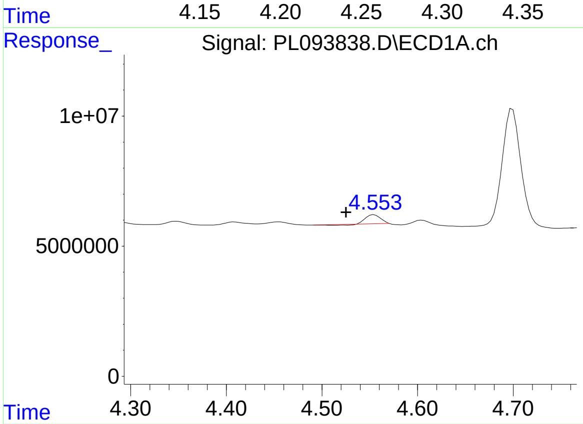
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



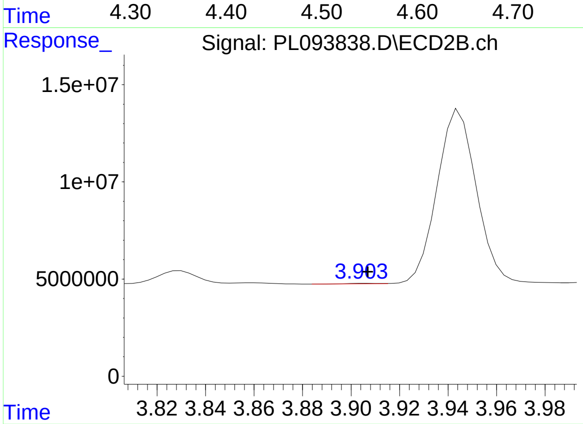

#5 Aldrin

R.T.: 4.242 min
Delta R.T.: 0.018 min
Response: 8890512
Conc: 1.95 ng/ml



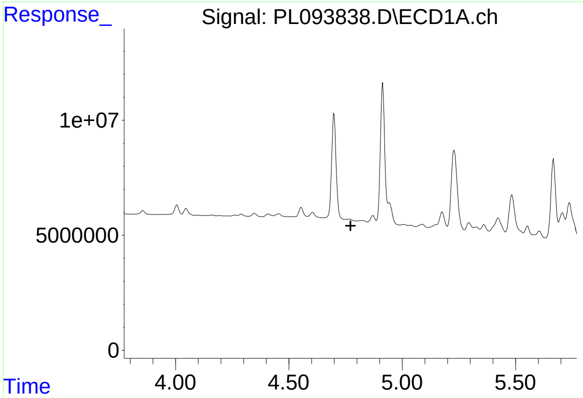

#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.029 min
Response: 3424907
Conc: 2.13 ng/ml




#6 beta-BHC

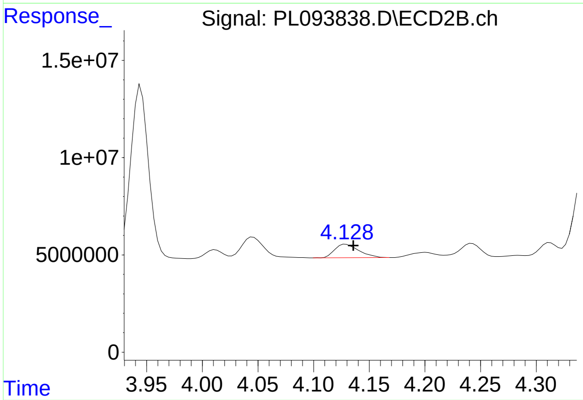
R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 223429
Conc: 0.11 ng/ml




#7 delta-BHC

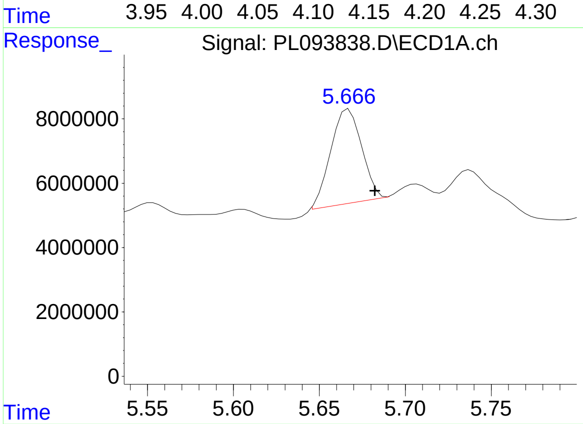
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



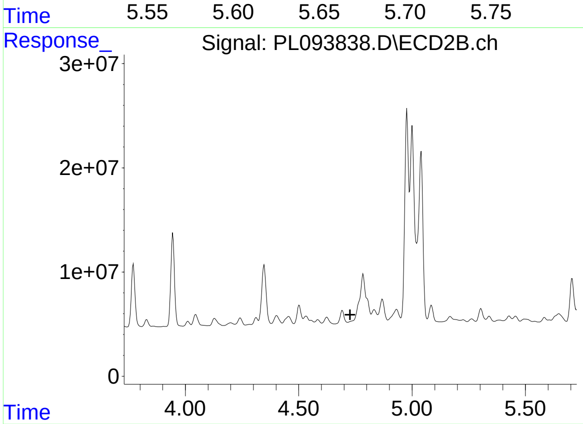

#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.007 min
Response: 10438549
Conc: 2.20 ng/ml



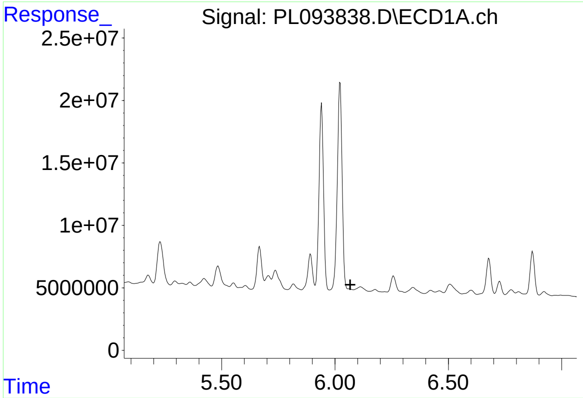

#8 Heptachlor epoxide

R.T.: 5.667 min
Delta R.T.: -0.015 min
Response: 36634338
Conc: 12.32 ng/ml




#8 Heptachlor epoxide

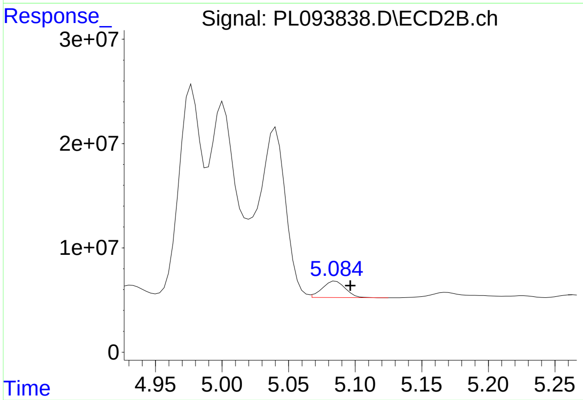
R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.




#9 Endosulfan I

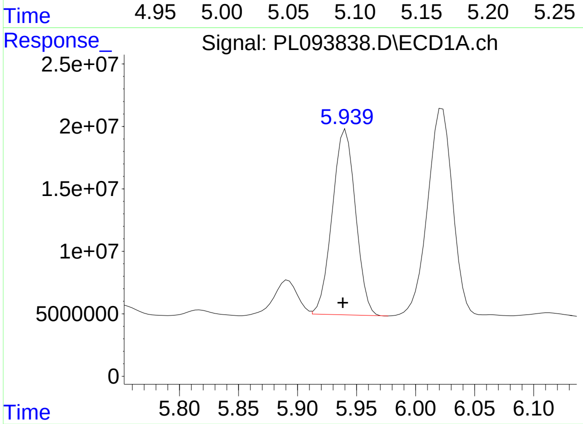
```
      R.T.:     0.000 min
Exp R.T.  :     6.067 min
  Response:         0
      Conc:   N.D.
```

**Instrument :**
ECD_L
**ClientSampleId :**



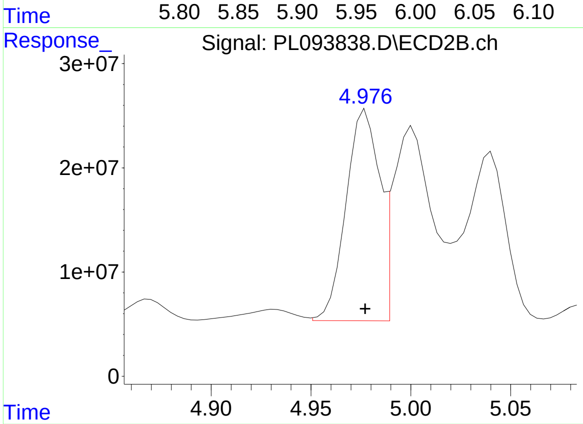

#9 Endosulfan I

```
      R.T.:     5.085 min
Delta R.T.:    -0.011 min
  Response:  18986280
      Conc:   4.90 ng/ml
```



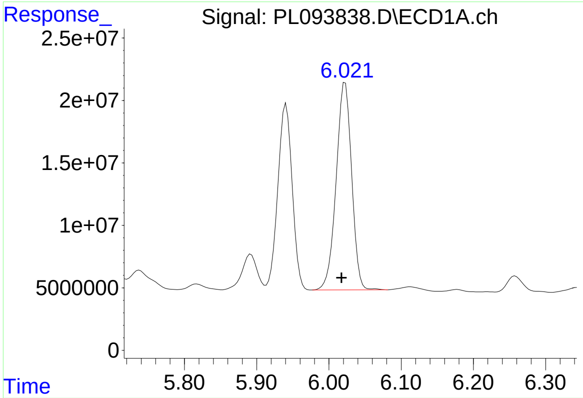

#10 gamma-Chlordane

```
      R.T.:     5.941 min
Delta R.T.:     0.002 min
  Response: 204403092
      Conc:   73.33 ng/ml
```




#10 gamma-Chlordane

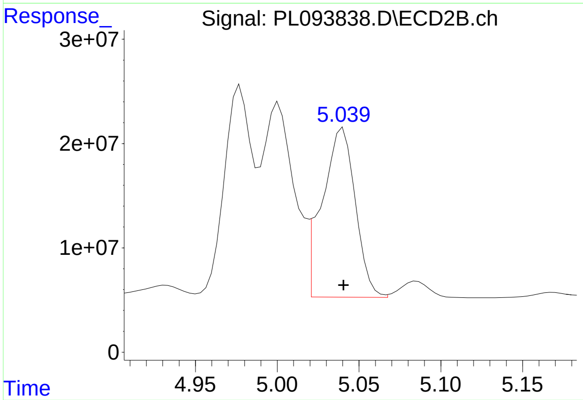
```
      R.T.:     4.977 min
Delta R.T.:     0.000 min
  Response: 236724648
      Conc:   55.86 ng/ml
```




#11 alpha-Chlordane

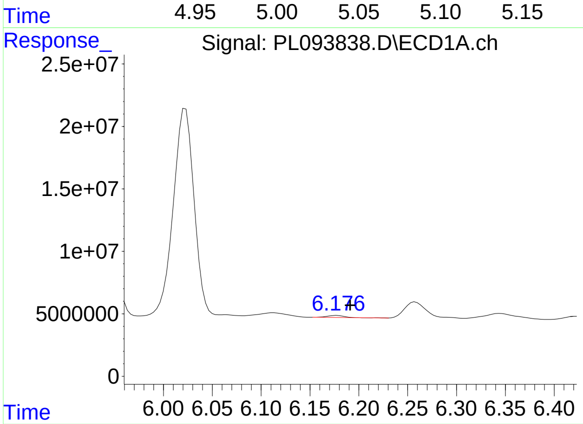
R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 247004990
Conc: 88.58 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



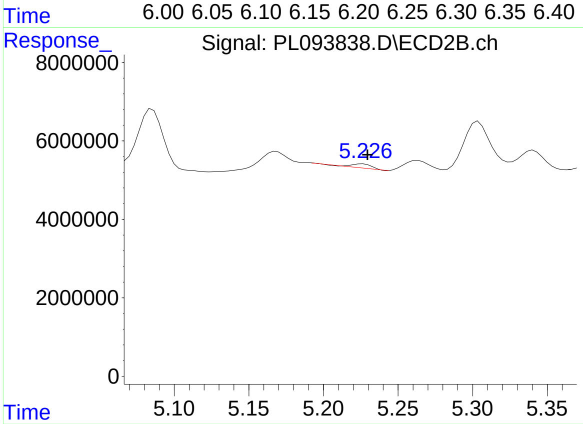

#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 228601035
Conc: 54.60 ng/ml



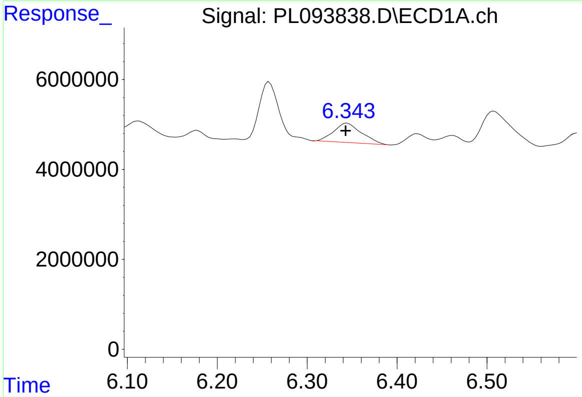

#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: -0.014 min
Response: 1869203
Conc: 0.77 ng/ml




#12 4,4'-DDE

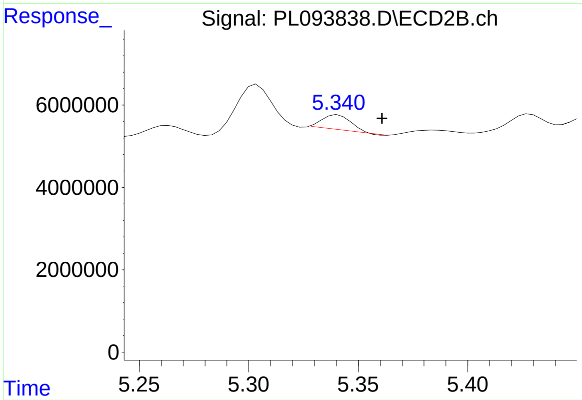
R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 1076560
Conc: 0.27 ng/ml




#13 Dieldrin

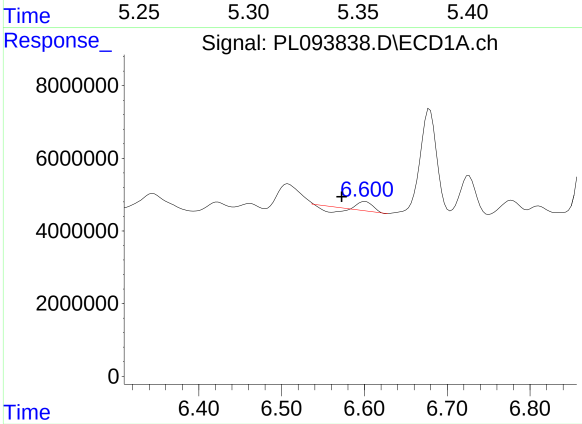
R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 9122605
Conc: 3.29 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**



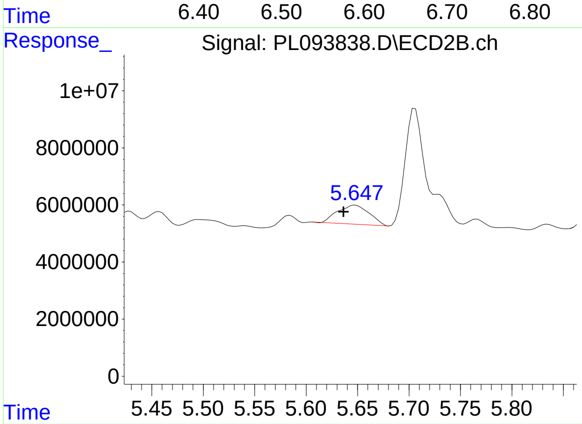

#13 Dieldrin

R.T.: 5.341 min
Delta R.T.: -0.020 min
Response: 3214252
Conc: 0.75 ng/ml



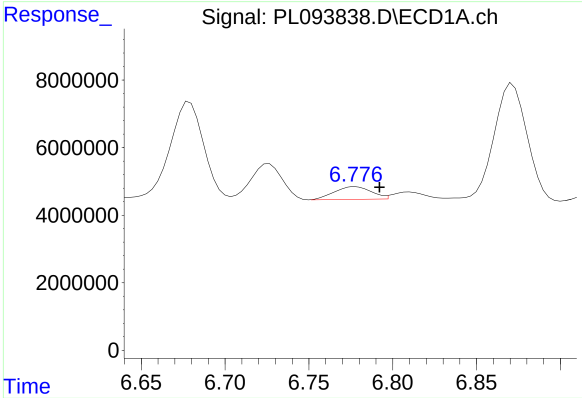

#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.028 min
Response: 1527621
Conc: 0.65 ng/ml



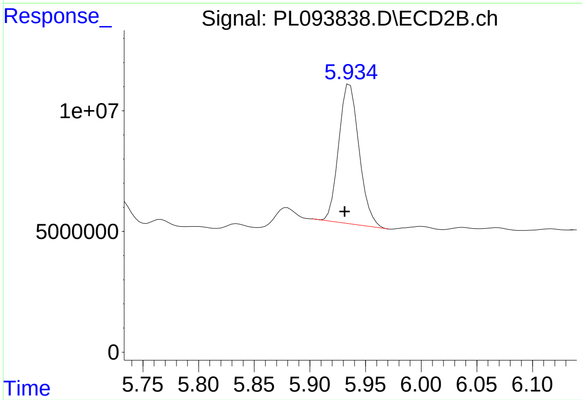

#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.012 min
Response: 14027579
Conc: 3.80 ng/ml

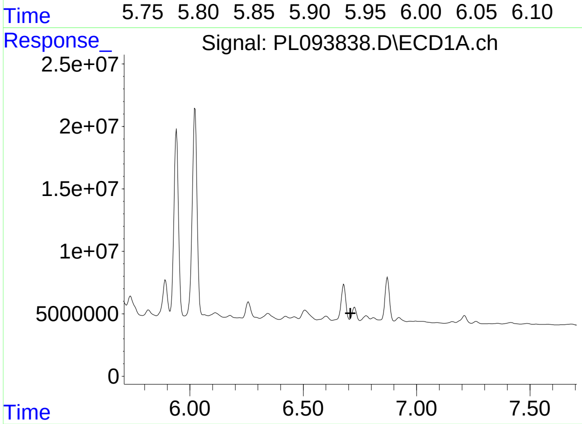



```
#15  Endosulfan II

      R.T.:     6.778 min
Delta R.T.:    -0.014 min
  Response:    5748571
      Conc:    2.39 ng/ml
```

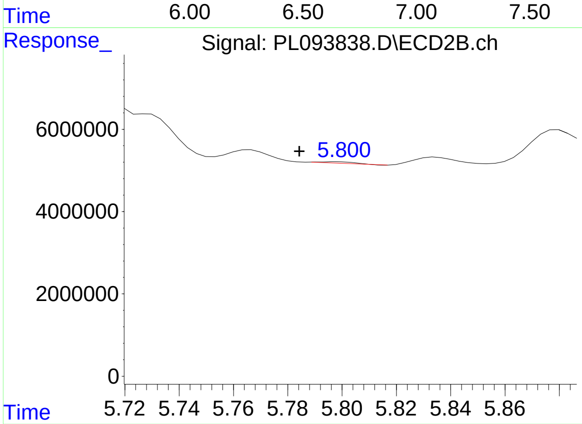
**Instrument :**
ECD_L
**ClientSampleId :**



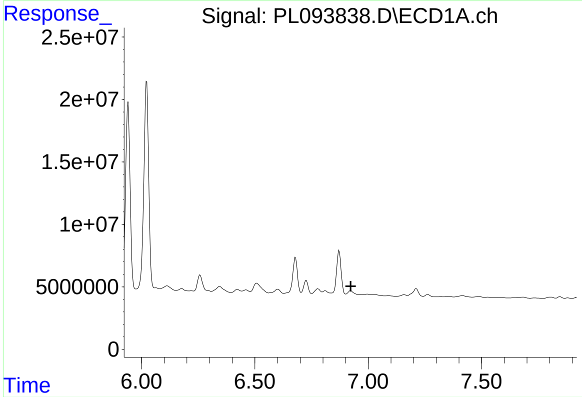

```
#15  Endosulfan II

      R.T.:     5.936 min
Delta R.T.:     0.005 min
  Response:   73439477
      Conc:   19.83 ng/ml
```




```
#16  4,4'-DDD

      R.T.:     6.726 min
Delta R.T.:     0.018 min
  Response: -10188561
      Conc:    N.D.
```



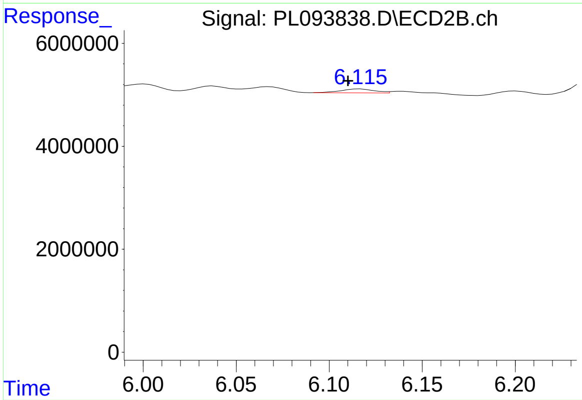

```
#16  4,4'-DDD

      R.T.:     5.798 min
Delta R.T.:     0.014 min
  Response:     315272
      Conc:    0.10 ng/ml
```




#18 Endrin aldehyde

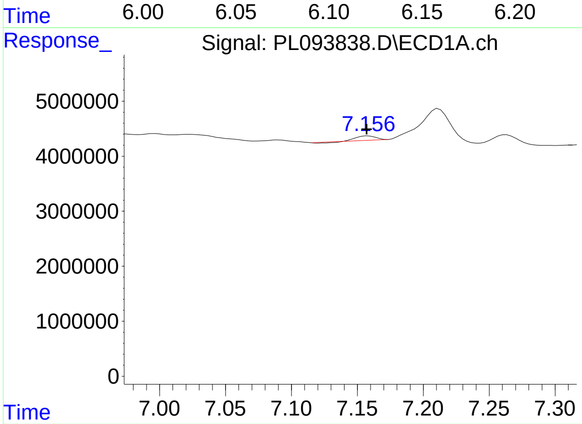
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: -32797848
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



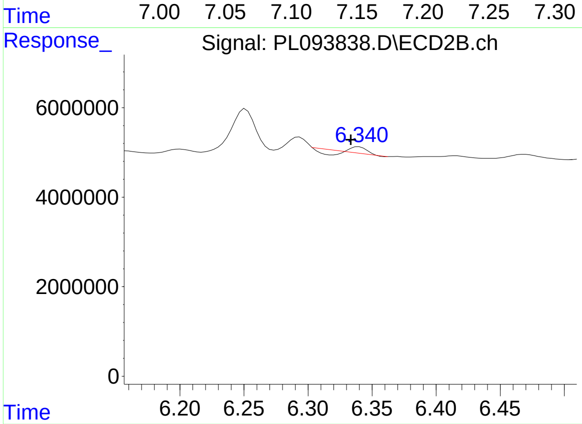

#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.007 min
Response: 949810
Conc: 0.31 ng/ml



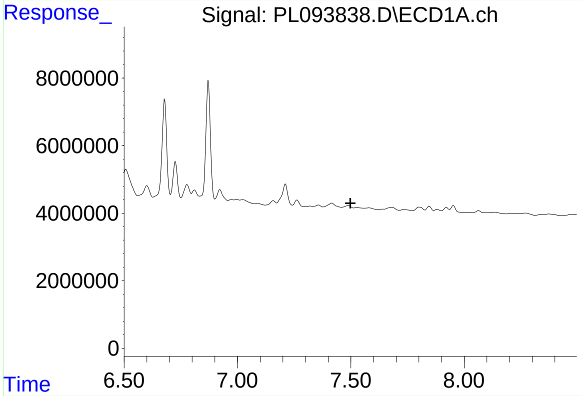

#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 714897
Conc: 0.32 ng/ml




#19 Endosulfan Sulfate

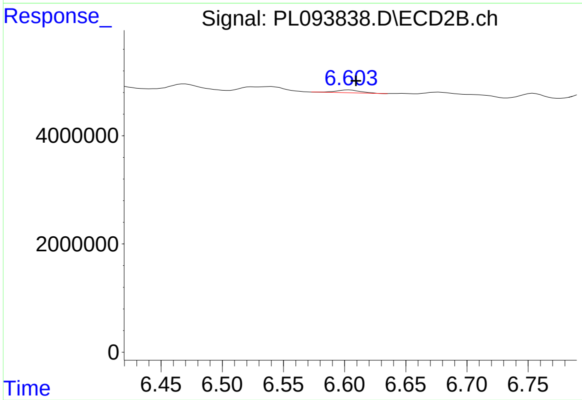
R.T.: 6.340 min
Delta R.T.: 0.006 min
Response: 467215
Conc: 0.13 ng/ml




#20 Methoxychlor

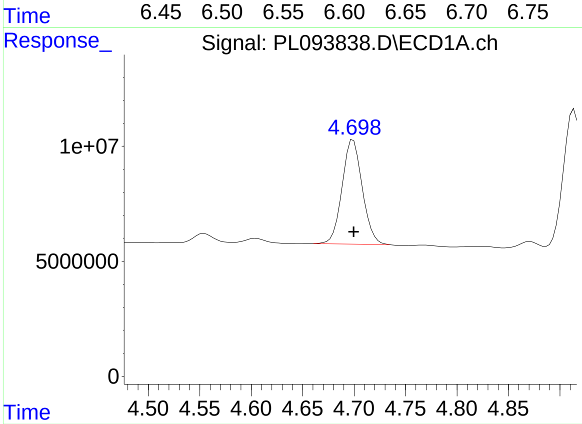
R.T.: 0.000 min
Exp R.T. : 7.498 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



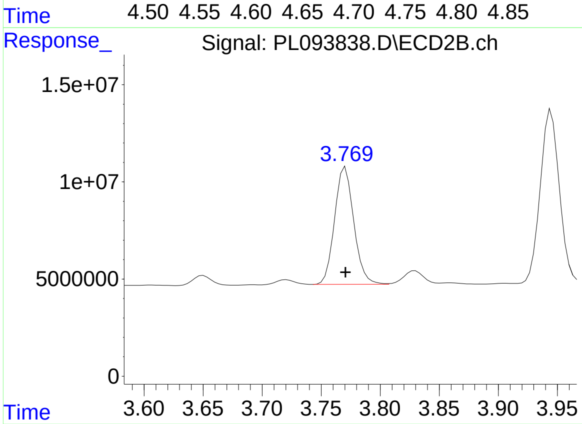

#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 723989
Conc: 0.40 ng/ml



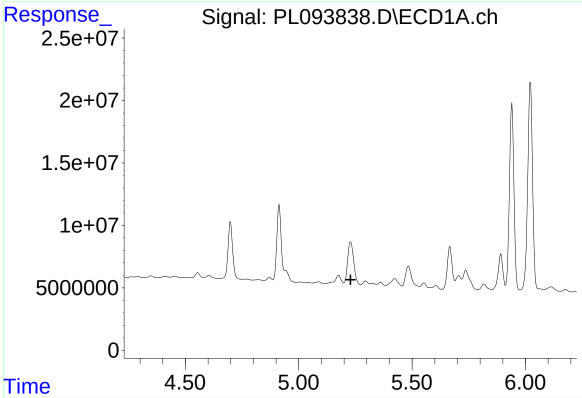

#23 Chlordane-1

R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 61960222
Conc: 533.04 ng/ml




#23 Chlordane-1

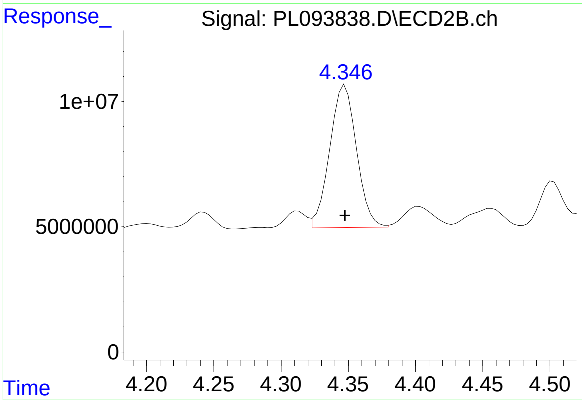
R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 68486436
Conc: 548.78 ng/ml




#24 Chlordane-2

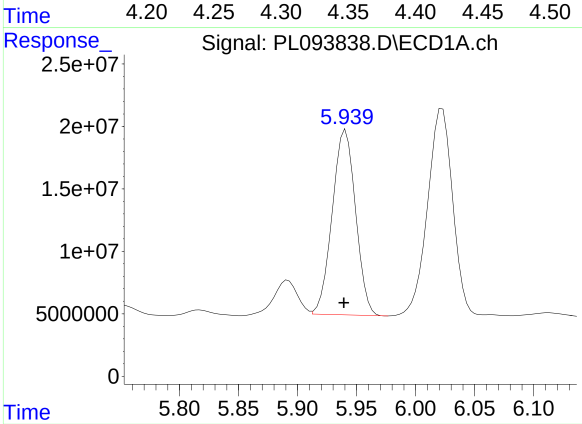
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**



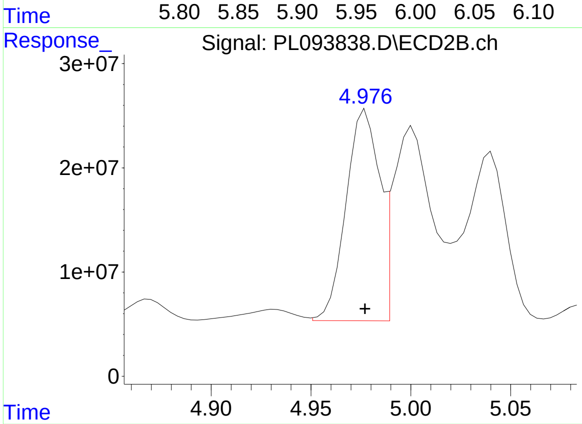

#24 Chlordane-2

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 78654131
Conc: 536.08 ng/ml



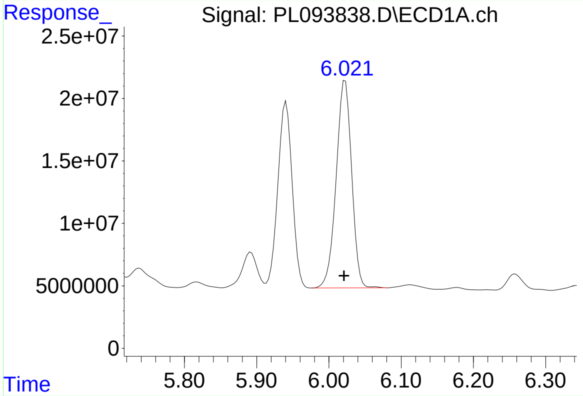

#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: 0.002 min
Response: 204403092
Conc: 521.08 ng/ml



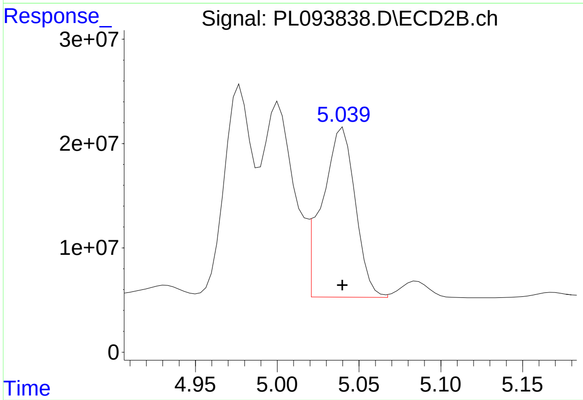

#25 Chlordane-3

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 236724648
Conc: 544.42 ng/ml

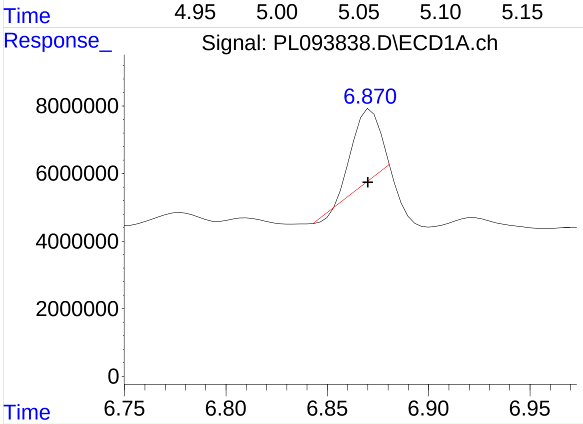



```
#26  Chlordane-4

      R.T.:    6.023 min
Delta R.T.:    0.002 min
  Response: 247004990
      Conc: 525.42 ng/ml
```

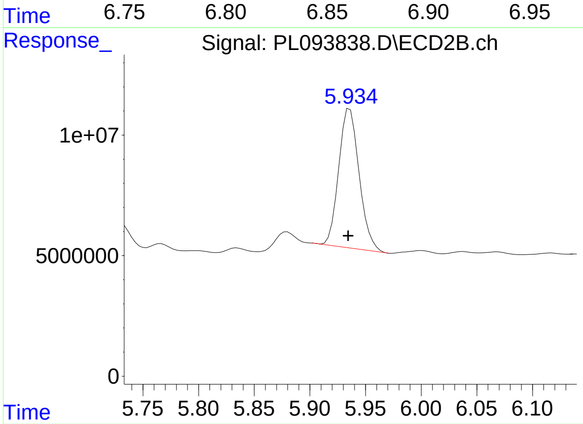
**Instrument :**
ECD_L
**ClientSampleId :**



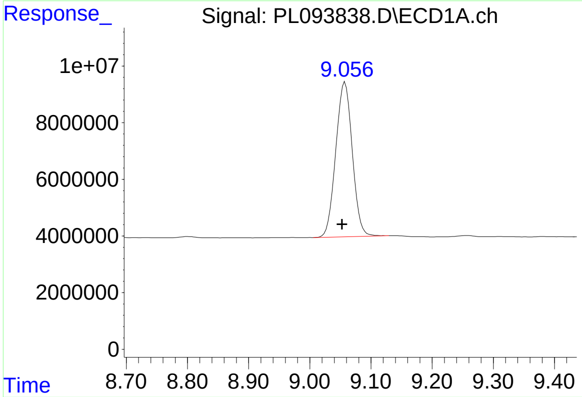

```
#26  Chlordane-4

      R.T.:    5.040 min
Delta R.T.:    0.000 min
  Response: 228601035
      Conc: 539.58 ng/ml
```




```
#27  Chlordane-5

      R.T.:    6.871 min
Delta R.T.:    0.001 min
  Response:  21051211
      Conc: 240.02 ng/ml
```



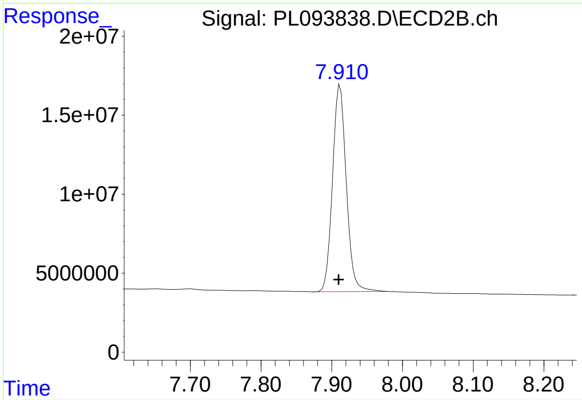

```
#27  Chlordane-5

      R.T.:    5.936 min
Delta R.T.:    0.002 min
  Response:  73439477
      Conc: 479.49 ng/ml
```




#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.005 min
Response: 102517723
Conc: 49.01 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**




#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.002 min
Response: 177276897
Conc: 50.59 ng/ml