Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072324\
Data File : PL090632CC-3.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2024 17:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 01:40:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
Integrator: ChemStation

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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | **System Monitoring Compounds** | | | | | | | |
| 1) SA | Tetrachlo... | 3.545 | 2.787 | 106.3E6 | 90739341 | 51.055 | 53.916 | |
| 28) SA | Decachlor... | 9.055 | 7.929 | 72076094 | 79586116 | 54.239 | 54.582 | |
| | **Target Compounds** | | | | | | | |
| 2) A | alpha-BHC | 4.000 | 3.291 | 148.2E6 | 132.5E6 | 49.935 | 54.860 | |
| 3) MA | gamma-BHC... | 4.333 | 3.621 | 140.3E6 | 124.1E6 | 50.093 | 53.814 | |
| 4) MA | Heptachlor | 4.921 | 3.962 | 122.6E6 | 113.7E6 | 48.183 | 51.522 | |
| 5) MB | Aldrin | 5.263 | 4.242 | 132.1E6 | 120.1E6 | 52.892 | 56.461 | |
| 6) B | beta-BHC | 4.528 | 3.919 | 64455867 | 54250149 | 50.812 | 52.558 | |
| 7) B | delta-BHC | 4.776 | 4.149 | 131.7E6 | 121.6E6 | 49.123 | 55.272 | |
| 8) B | Heptachlo... | 5.688 | 4.744 | 129.6E6 | 103.1E6 | 55.160 | 52.855 | |
| 9) A | Endosulfan I | 6.074 | 5.114 | 114.4E6 | 91226423 | 53.475 | 49.884 | |
| 10) B | gamma-Chl... | 5.944 | 4.994 | 125.4E6 | 107.5E6 | 53.944 | 53.000 | |
| 11) B | alpha-Chl... | 6.023 | 5.058 | 119.5E6 | 106.7E6 | 52.075 | 52.794 | |
| 12) B | 4,4'-DDE | 6.195 | 5.247 | 102.5E6 | 99710597 | 50.707 | 55.794 | |
| 13) MA | Dieldrin | 6.348 | 5.378 | 110.8E6 | 103.4E6 | 49.865 | 52.737 | |
| 14) MA | Endrin | 6.578 | 5.654 | 99245345 | 87428057 | 53.984 | 50.797 | |
| 15) B | Endosulfa... | 6.796 | 5.947 | 98875251 | 89693274 | 50.270 | 52.501 | |
| 16) A | 4,4'-DDD | 6.712 | 5.801 | 99424550 | 82651848 | 58.894 | 55.165 | |
| 17) MA | 4,4'-DDT | 7.025 | 6.052 | 79871035 | 72672222 | 47.449 | 49.600 | |
| 18) B | Endrin al... | 6.926 | 6.127 | 75346564 | 68862007 | 50.786 | 52.705 | |
| 19) B | Endosulfa... | 7.160 | 6.349 | 89394822 | 85191009 | 50.902 | 52.832 | |
| 20) A | Methoxychlor | 7.500 | 6.626 | 42739962 | 39483147 | 48.408 | 48.832 | |
| 21) B | Endrin ke... | 7.645 | 6.854 | 100.9E6 | 100.8E6 | 52.853 | 55.139 | |
| 22) | Mirex | 8.118 | 7.037 | 76493056 | 80450987 | 54.011 | 54.118 | |
| 23) | Chlordane-1 | 4.713 | 3.786 | 653931 | 79715 | 7.384 | 1.287 | # |
| 24) | Chlordane-2 | 5.263f | 4.379 | 132.1E6 | 7490887 | 1291.062 | 98.770 | # |
| 25) | Chlordane-3 | 5.944 | 4.994 | 125.4E6 | 107.5E6 | 378.855 | 519.897 | # |
| 26) | Chlordane-4 | 6.023 | 5.058 | 119.5E6 | 106.7E6 | 300.141 | 545.105 | # |
| 27) | Chlordane-5 | 0.000 | 5.750f | 0 | 174172 | N.D. | 2.890 | # |

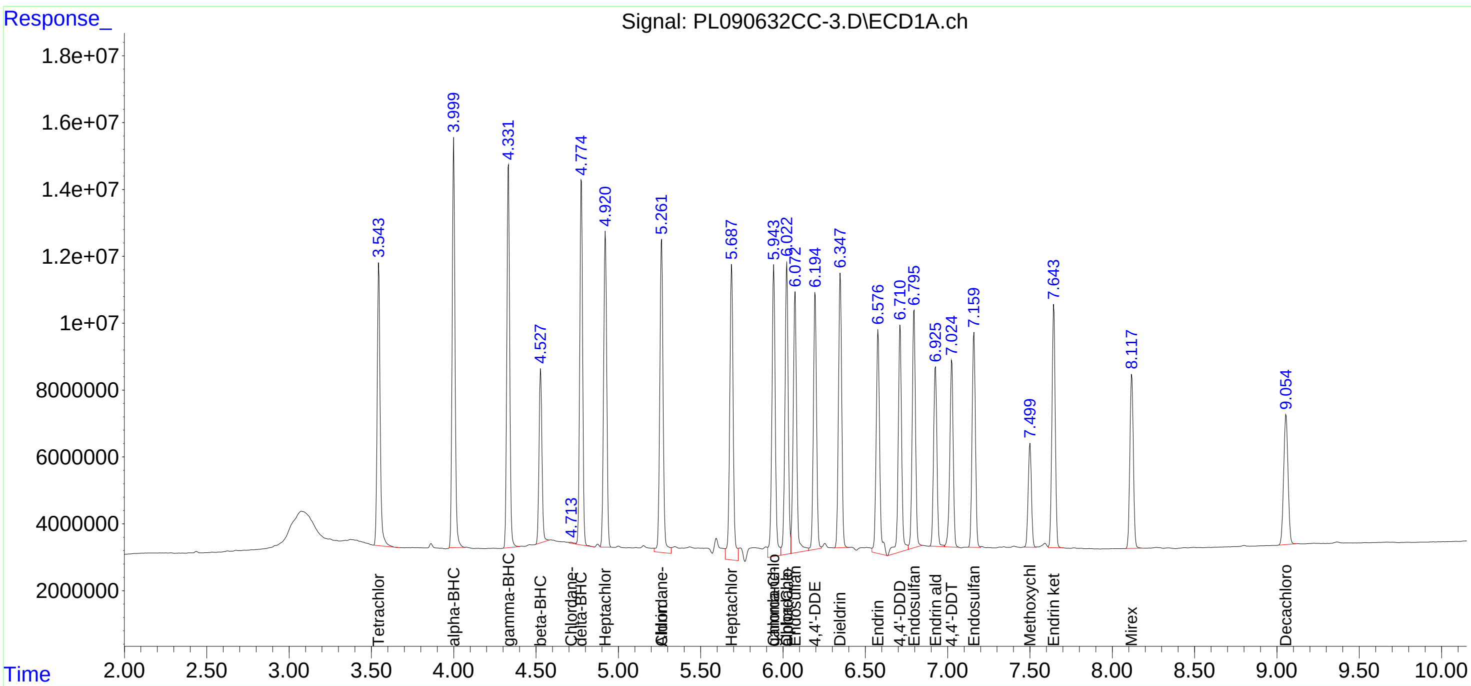
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

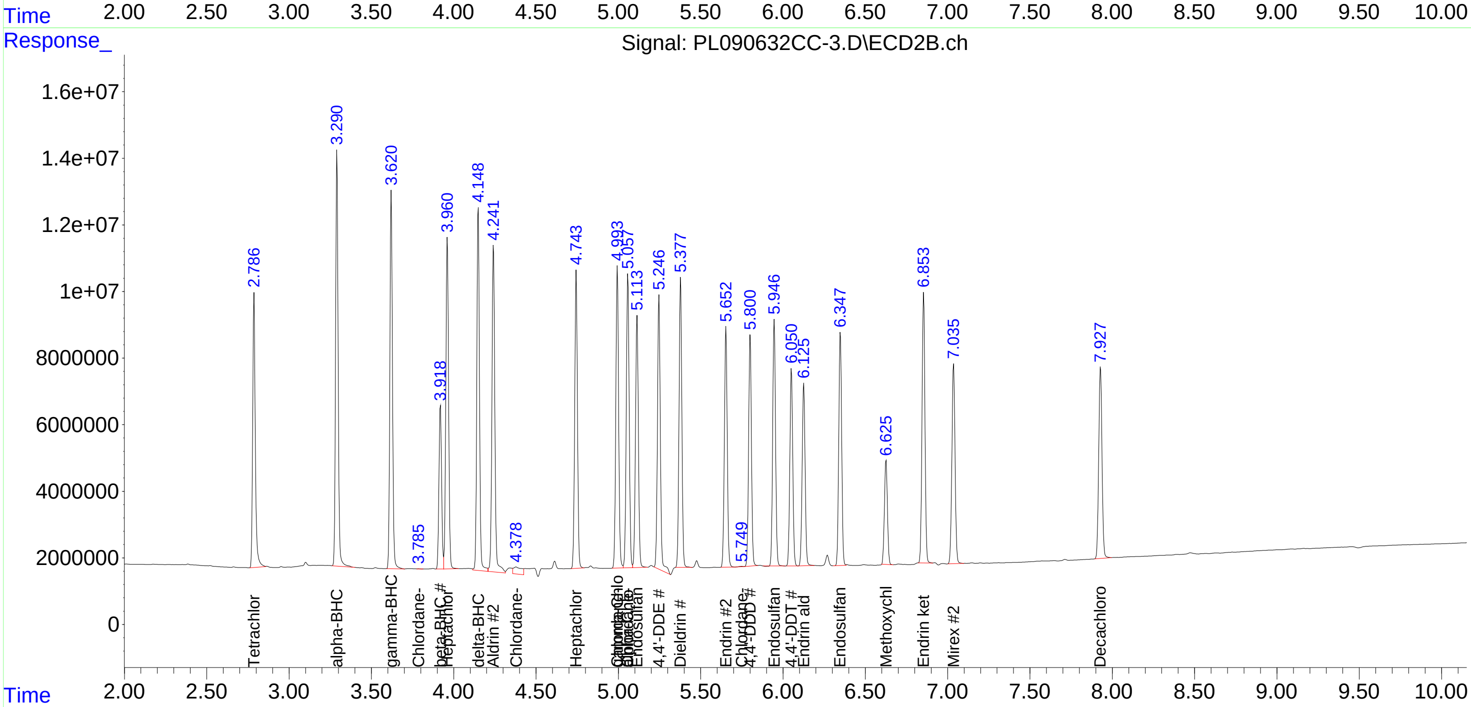
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072324\
Data File : PL090632CC-3.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 23 Jul 2024  17:57
Operator  : AR\AJ
Sample    : PSTDCCC050
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

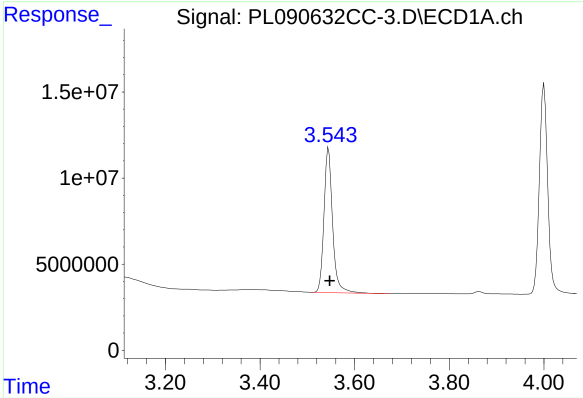
**Instrument :**
ECD_L
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 01:40:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title  : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
Integrator: ChemStation

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



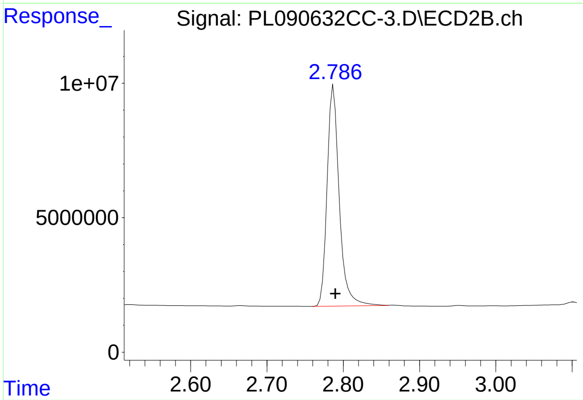






#1 Tetrachloro-m-xylene

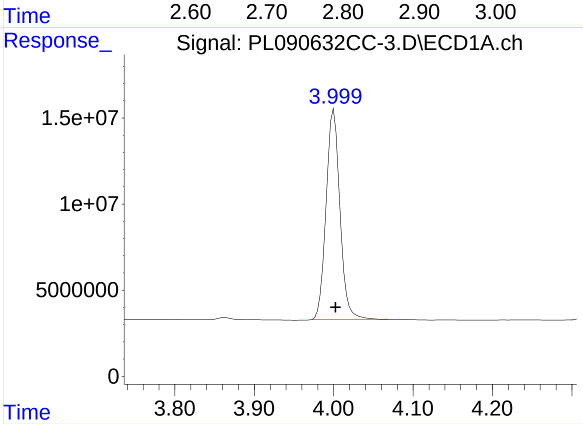
R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 106305598
Conc: 51.05 ng/ml

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



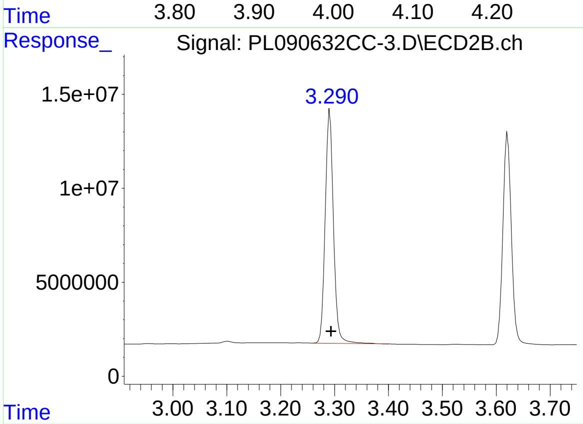

#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.002 min
Response: 90739341
Conc: 53.92 ng/ml



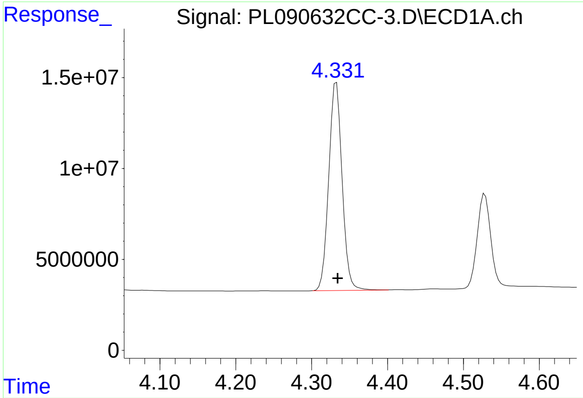

#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 148175703
Conc: 49.93 ng/ml




#2 alpha-BHC

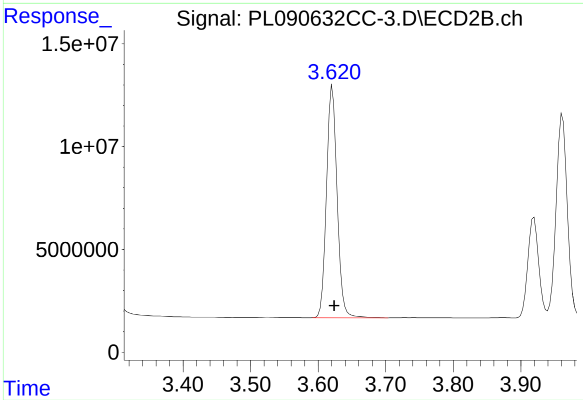
R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 132547381
Conc: 54.86 ng/ml




#3 gamma-BHC (Lindane)

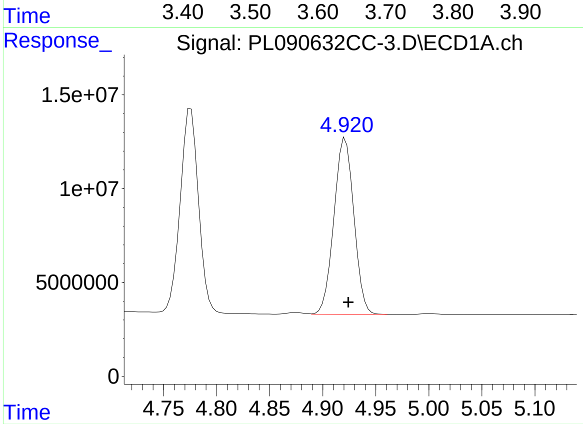
```
     R.T.:    4.333 min
Delta R.T.:   -0.002 min
  Response: 140283298
     Conc:   50.09 ng/ml
```

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



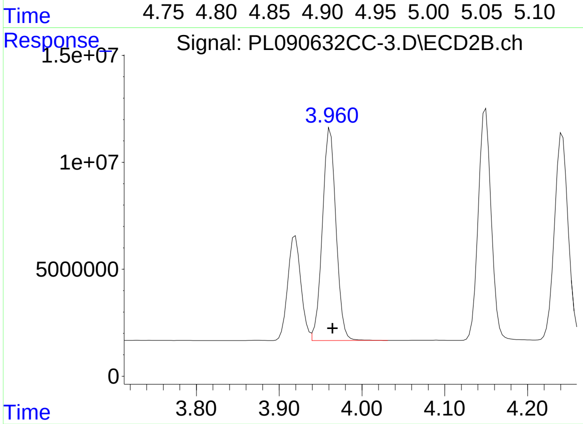

#3 gamma-BHC (Lindane)

```
     R.T.:    3.621 min
Delta R.T.:   -0.003 min
  Response: 124094935
     Conc:   53.81 ng/ml
```



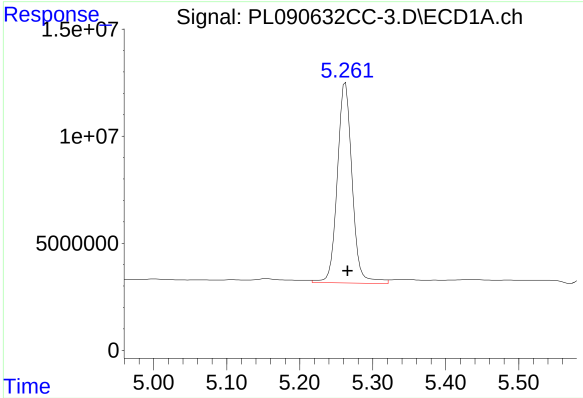

#4 Heptachlor

```
     R.T.:    4.921 min
Delta R.T.:   -0.003 min
  Response: 122628995
     Conc:   48.18 ng/ml
```




#4 Heptachlor

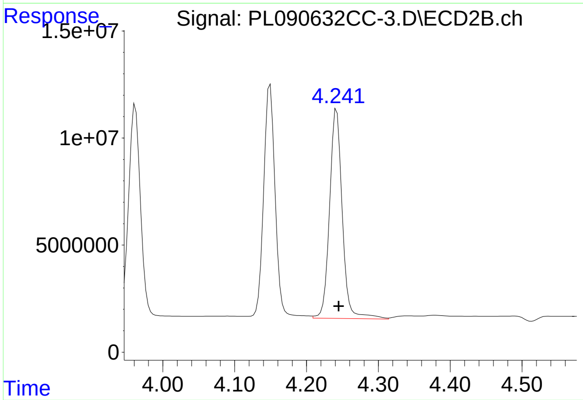
```
     R.T.:    3.962 min
Delta R.T.:   -0.003 min
  Response: 113659394
     Conc:   51.52 ng/ml
```




#5 Aldrin

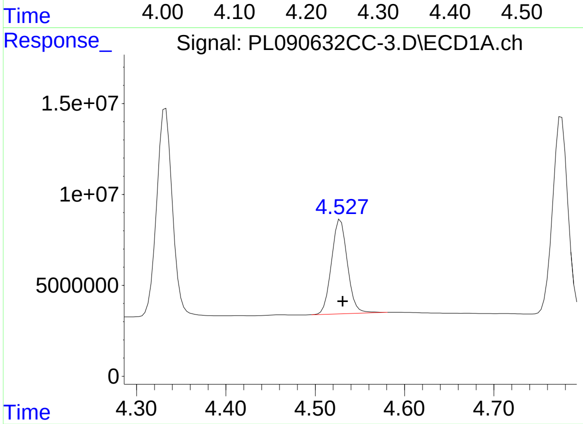
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 132144272
Conc: 52.89 ng/ml

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



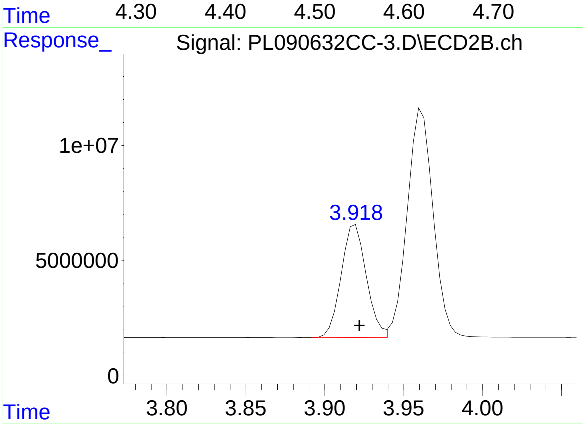

#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 120120353
Conc: 56.46 ng/ml



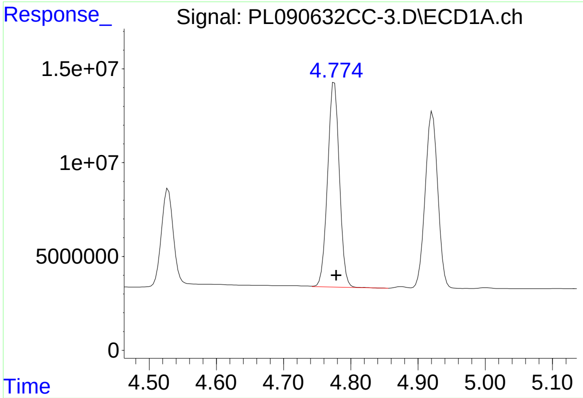

#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 64455867
Conc: 50.81 ng/ml




#6 beta-BHC

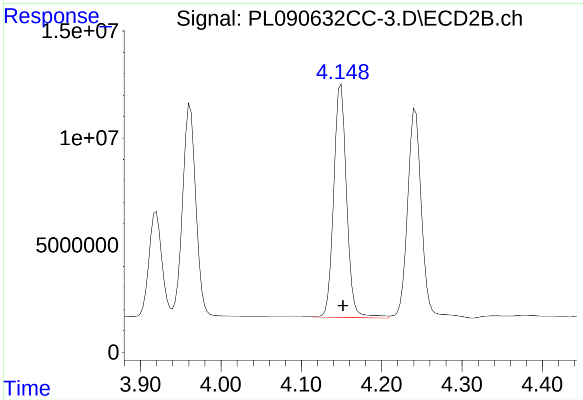
R.T.: 3.919 min
Delta R.T.: -0.003 min
Response: 54250149
Conc: 52.56 ng/ml




#7 delta-BHC

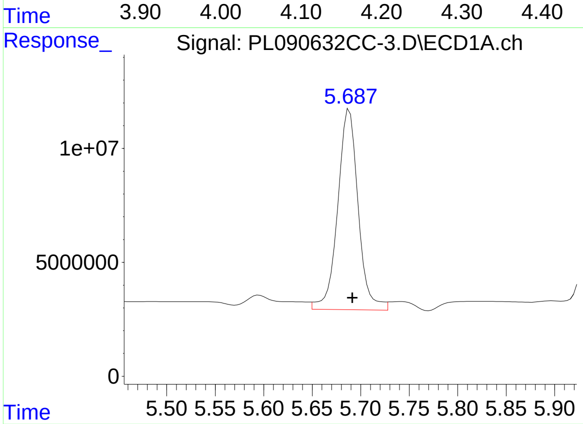
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 131701868
Conc: 49.12 ng/ml

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



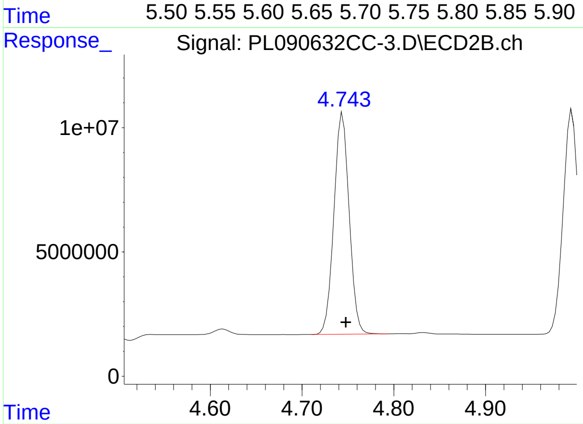

#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.002 min
Response: 121584019
Conc: 55.27 ng/ml



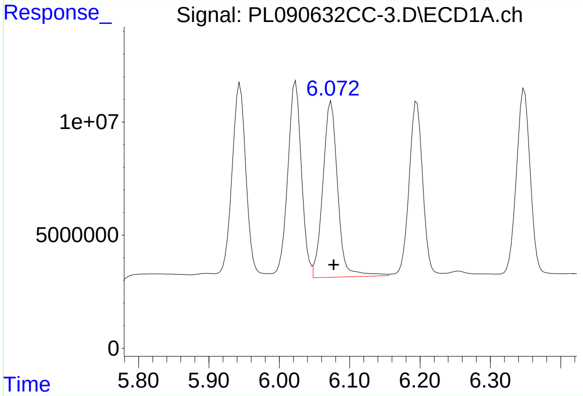

#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 129646215
Conc: 55.16 ng/ml




#8 Heptachlor epoxide

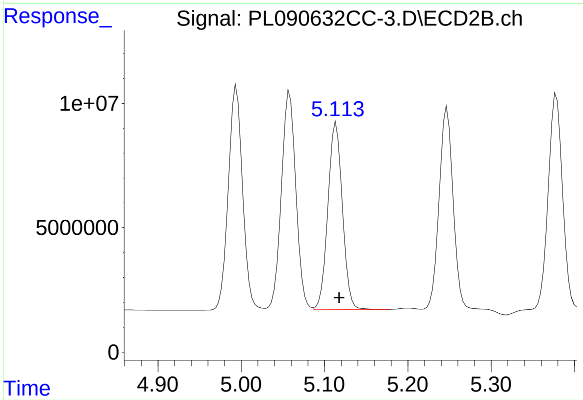
R.T.: 4.744 min
Delta R.T.: -0.003 min
Response: 103087665
Conc: 52.86 ng/ml




#9 Endosulfan I

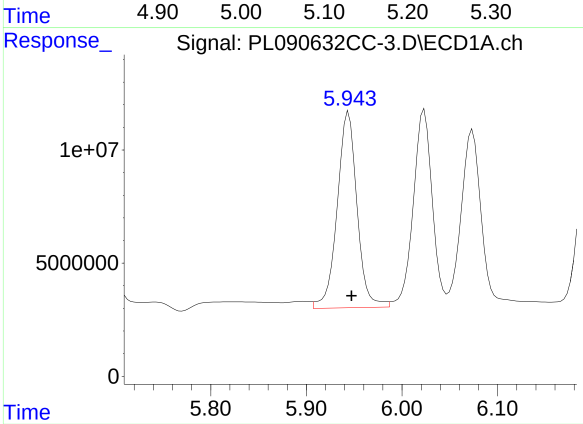
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 114369064
Conc: 53.48 ng/ml

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



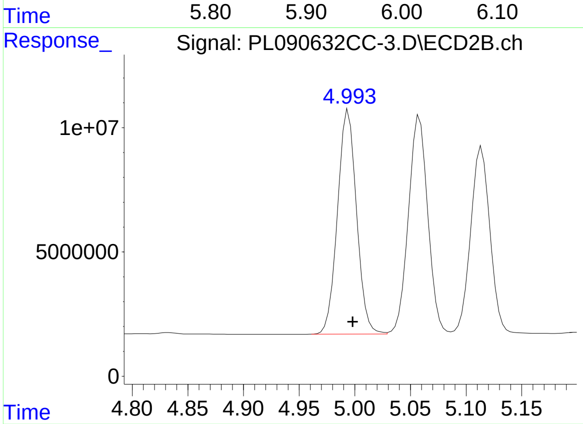

#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 91226423
Conc: 49.88 ng/ml



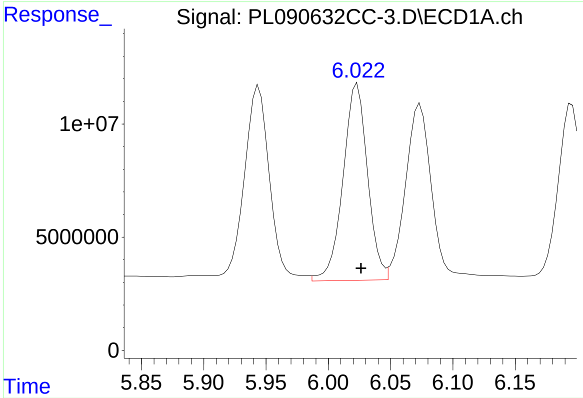

#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.003 min
Response: 125421425
Conc: 53.94 ng/ml




#10 gamma-Chlordane

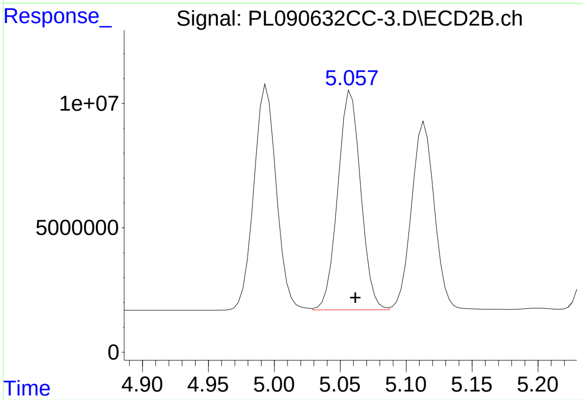
R.T.: 4.994 min
Delta R.T.: -0.004 min
Response: 107452354
Conc: 53.00 ng/ml




#11 alpha-Chlordane

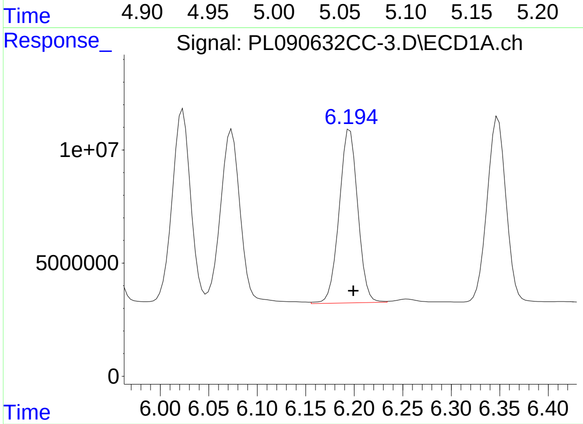
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 119548873
Conc: 52.07 ng/ml

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



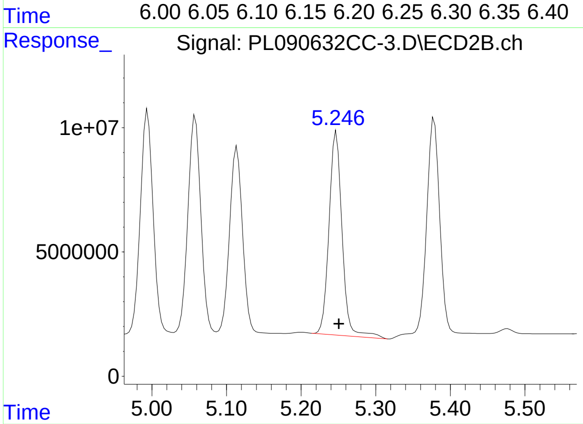

#11 alpha-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.003 min
Response: 106675979
Conc: 52.79 ng/ml



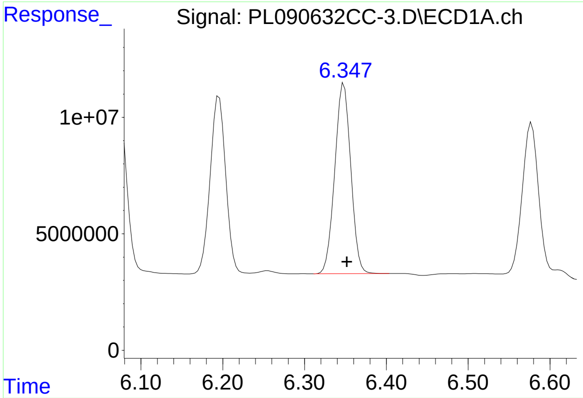

#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 102531296
Conc: 50.71 ng/ml




#12 4,4'-DDE

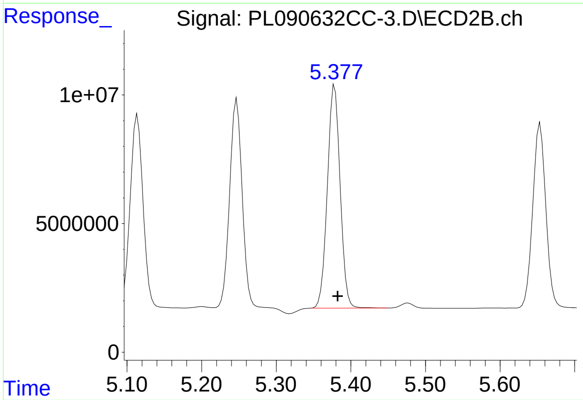
R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 99710597
Conc: 55.79 ng/ml




#13 Dieldrin

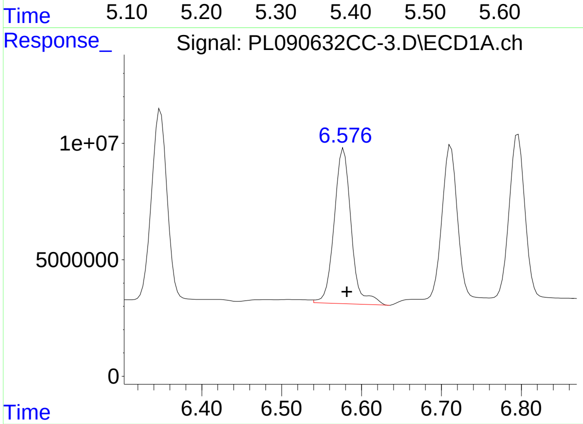
R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 110790600
Conc: 49.86 ng/ml

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



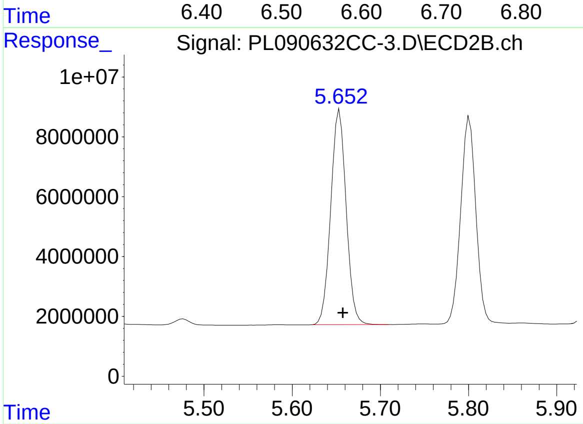

#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 103412061
Conc: 52.74 ng/ml



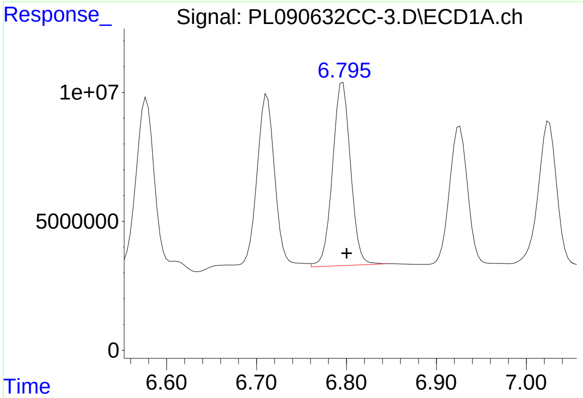

#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 99245345
Conc: 53.98 ng/ml




#14 Endrin

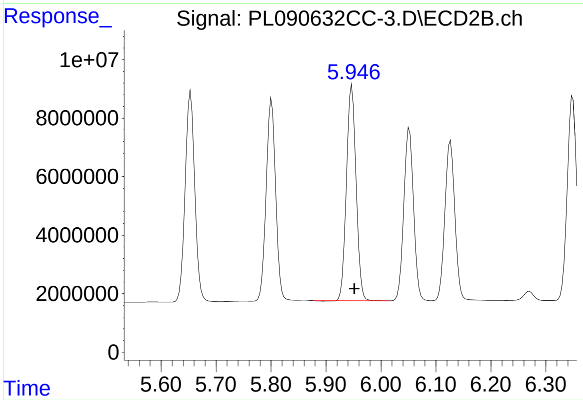
R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 87428057
Conc: 50.80 ng/ml




#15 Endosulfan II

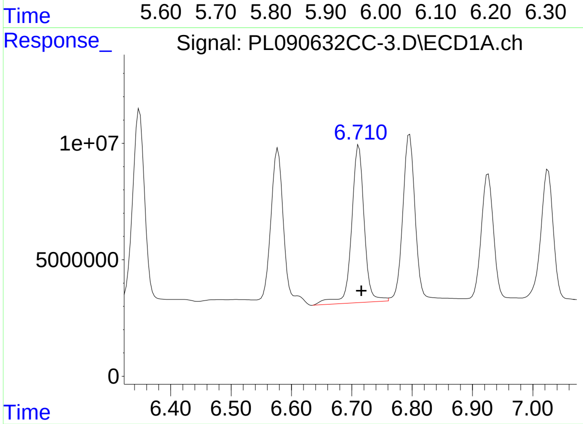
R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 98875251
Conc: 50.27 ng/ml

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



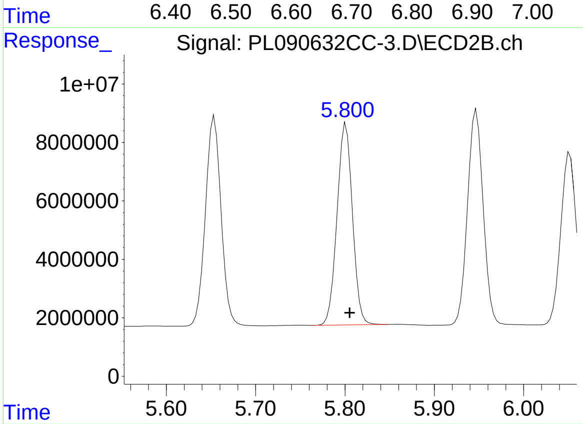

#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 89693274
Conc: 52.50 ng/ml



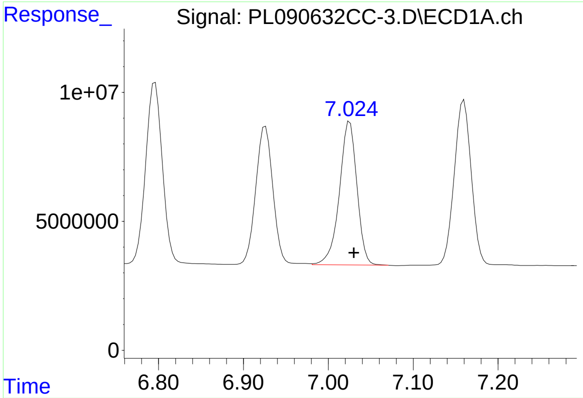

#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 99424550
Conc: 58.89 ng/ml




#16 4,4'-DDD

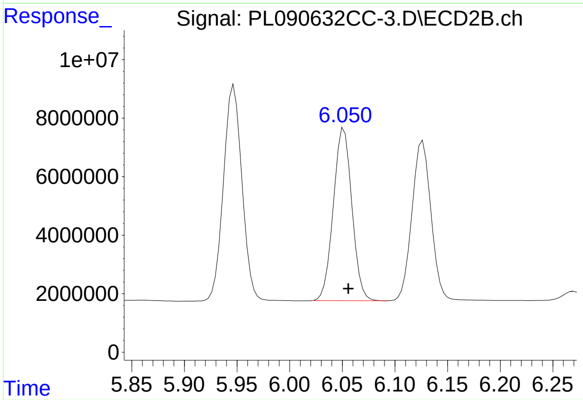
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 82651848
Conc: 55.16 ng/ml




#17 4,4'-DDT

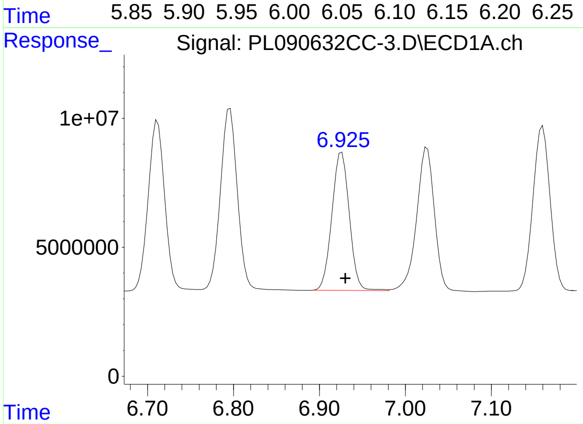
R.T.: 7.025 min
Delta R.T.: -0.005 min
Response: 79871035
Conc: 47.45 ng/ml

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



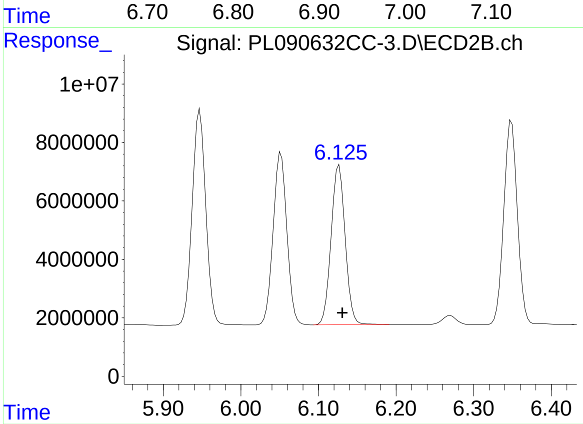

#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 72672222
Conc: 49.60 ng/ml



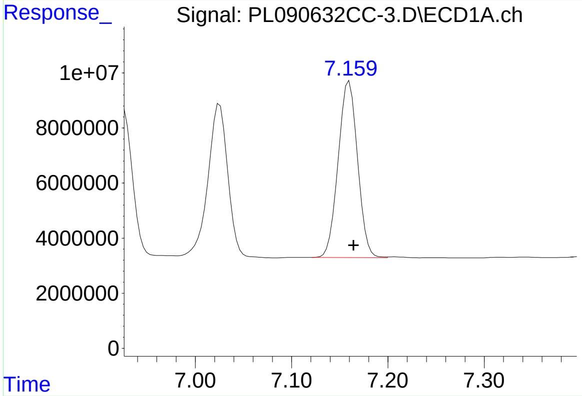

#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 75346564
Conc: 50.79 ng/ml




#18 Endrin aldehyde

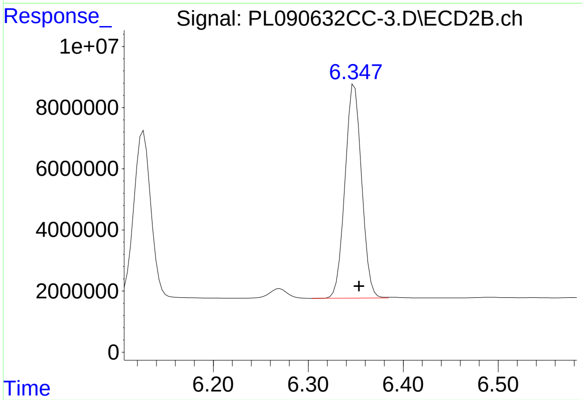
R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 68862007
Conc: 52.71 ng/ml




#19 Endosulfan Sulfate

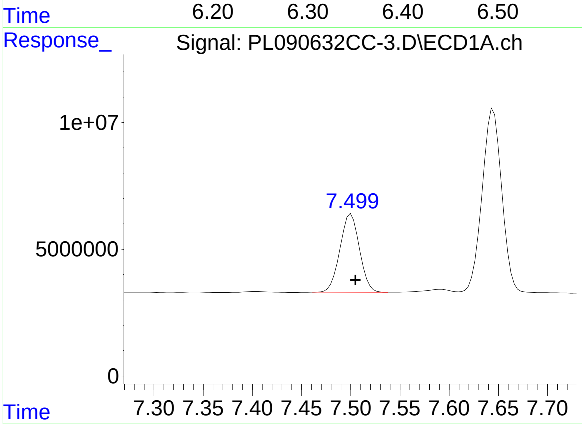
R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 89394822
Conc: 50.90 ng/ml

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



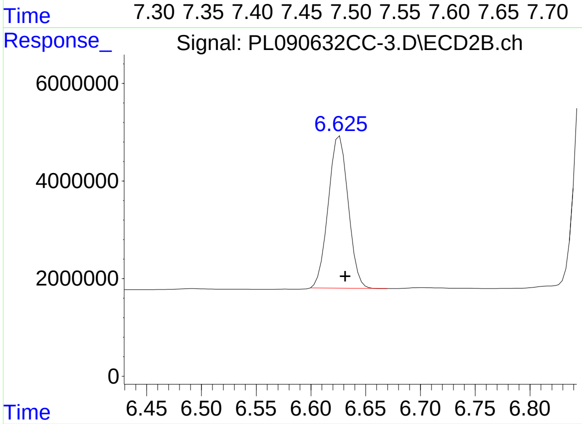

#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 85191009
Conc: 52.83 ng/ml



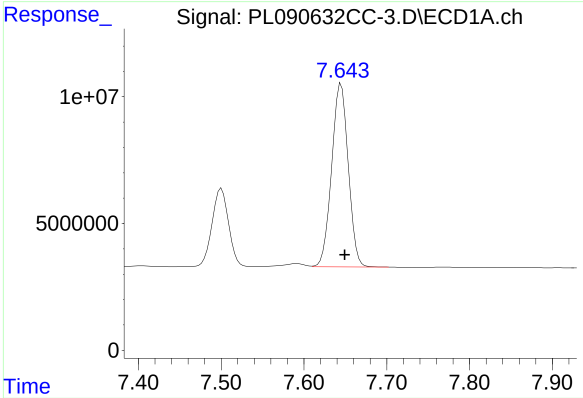

#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 42739962
Conc: 48.41 ng/ml



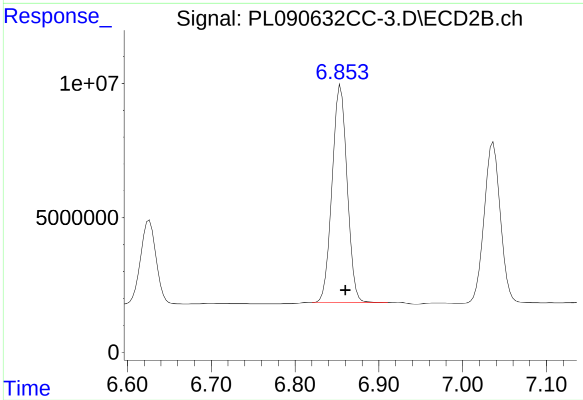

#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 39483147
Conc: 48.83 ng/ml

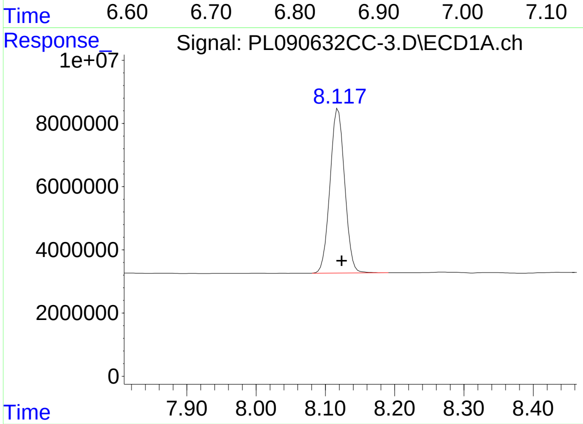



```
#21  Endrin ketone

      R.T.:    7.645 min
Delta R.T.:   -0.004 min
  Response: 100895927
      Conc:   52.85 ng/ml
```

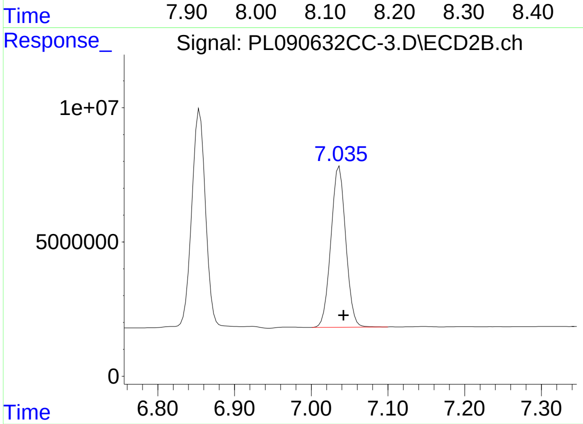
**Instrument :**
ECD_L
**ClientSampleId :**



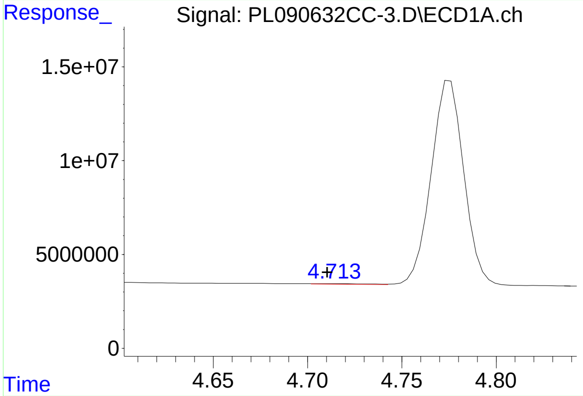

```
#21  Endrin ketone

      R.T.:    6.854 min
Delta R.T.:   -0.006 min
  Response: 100766773
      Conc:   55.14 ng/ml
```




```
#22  Mirex

      R.T.:    8.118 min
Delta R.T.:   -0.005 min
  Response:   76493056
      Conc:   54.01 ng/ml
```

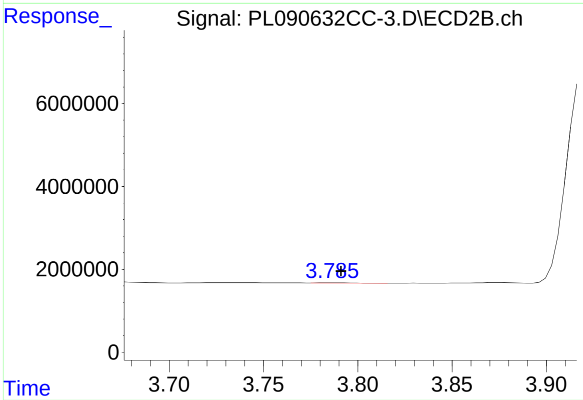



```
#22  Mirex

      R.T.:    7.037 min
Delta R.T.:   -0.005 min
  Response:   80450987
      Conc:   54.12 ng/ml
```

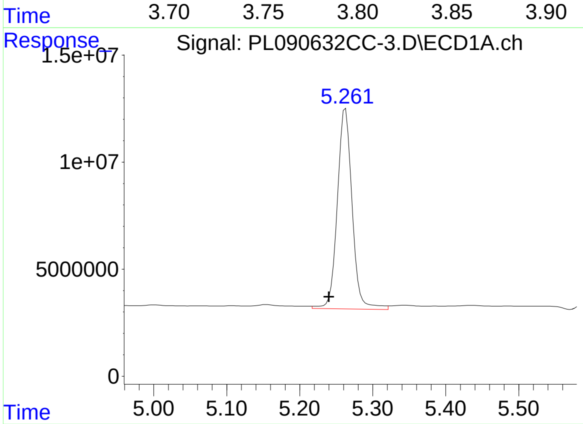



```
#23  Chlordane-1

      R.T.:    4.713 min
Delta R.T.:    0.002 min
  Response:    653931
      Conc:   7.38 ng/ml
```

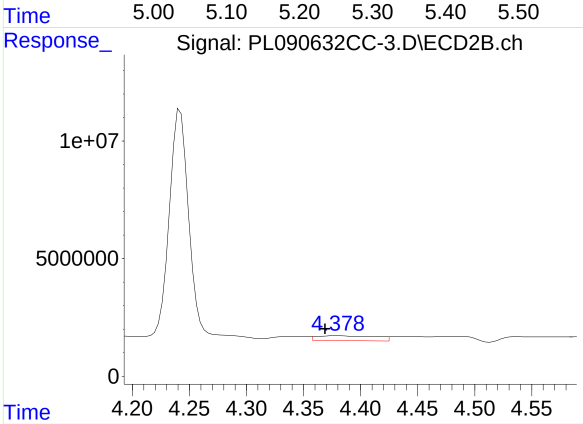
**Instrument :**
ECD_L
**ClientSampleId :**



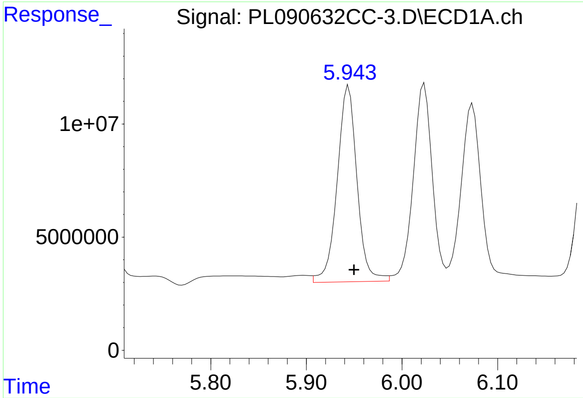

```
#23  Chlordane-1

      R.T.:    3.786 min
Delta R.T.:   -0.005 min
  Response:     79715
      Conc:   1.29 ng/ml
```




```
#24  Chlordane-2

      R.T.:    5.263 min
Delta R.T.:    0.023 min
  Response: 132144272
      Conc: 1291.06 ng/ml
```



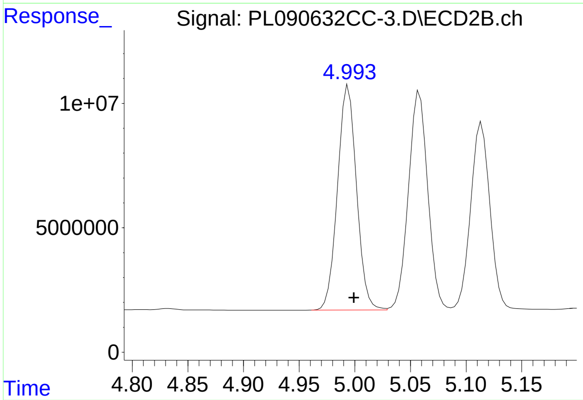

```
#24  Chlordane-2

      R.T.:    4.379 min
Delta R.T.:    0.010 min
  Response:   7490887
      Conc:   98.77 ng/ml
```




#25 Chlordane-3

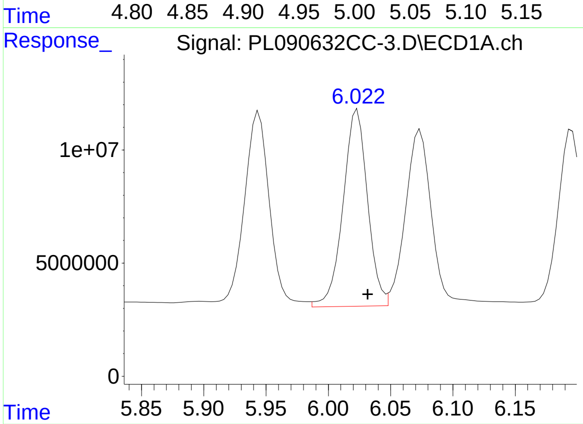
```
      R.T.:    5.944 min
Delta R.T.:   -0.006 min
  Response: 125421425
      Conc: 378.86 ng/ml
```

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



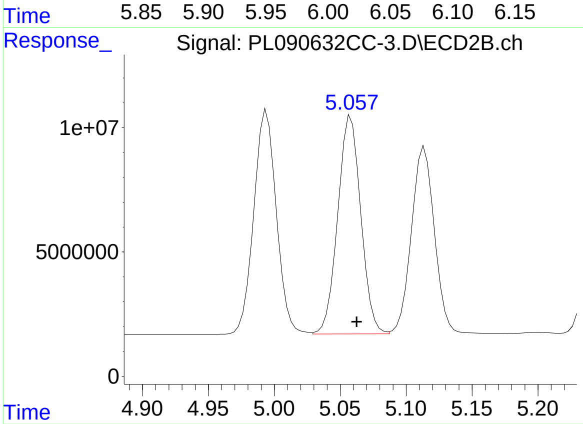

#25 Chlordane-3

```
      R.T.:    4.994 min
Delta R.T.:   -0.005 min
  Response: 107452354
      Conc: 519.90 ng/ml
```



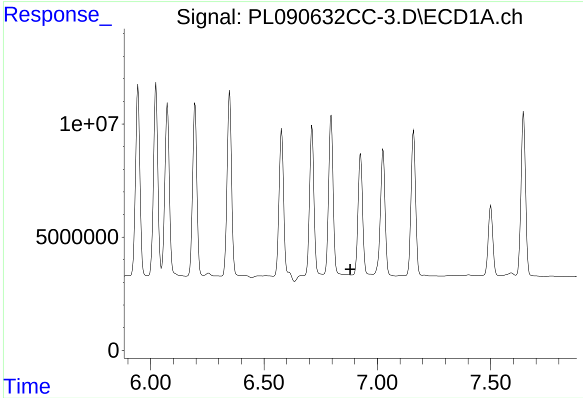

#26 Chlordane-4

```
      R.T.:    6.023 min
Delta R.T.:   -0.008 min
  Response: 119548873
      Conc: 300.14 ng/ml
```




#26 Chlordane-4

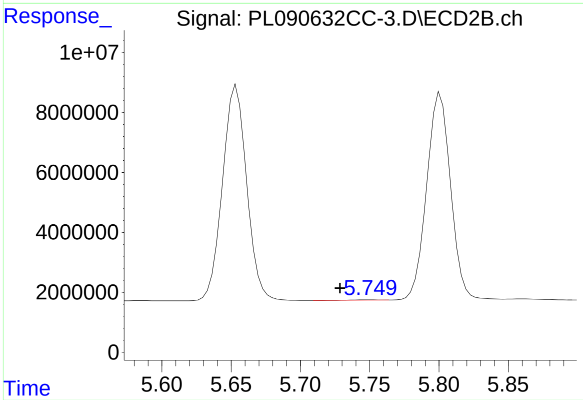
```
      R.T.:    5.058 min
Delta R.T.:   -0.004 min
  Response: 106675979
      Conc: 545.11 ng/ml
```




#27 Chlordane-5

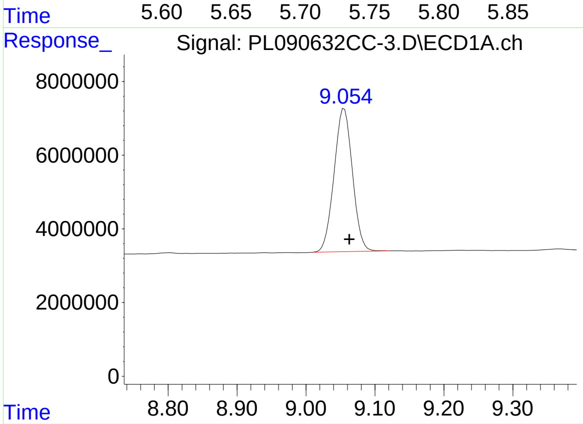
R.T.: 0.000 min
Exp R.T. : 6.880 min
Response: 0
Conc: N.D.

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



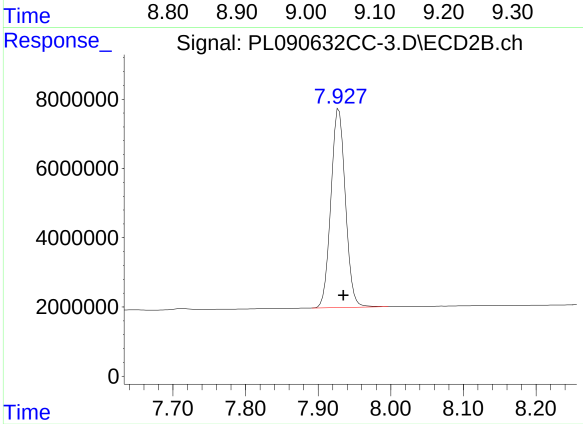

#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.021 min
Response: 174172
Conc: 2.89 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.007 min
Response: 72076094
Conc: 54.24 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 79586116
Conc: 54.58 ng/ml