

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
 Data File : PL091072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2024 21:00  
 Operator : AR\AJ  
 Sample : PB162721BS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 03:53:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.543  | 2.784  | 42414372 | 37180211 | 19.754   | 19.047    |
| 28)                         | SA Decachlor... | 9.056  | 7.925  | 33296996 | 39816111 | 21.841   | 21.021    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.287  | 150.8E6  | 147.0E6  | 50.308   | 53.012    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.618  | 143.8E6  | 139.0E6  | 50.122   | 52.791    |
| 4)                          | MA Heptachlor   | 4.920  | 3.958  | 132.2E6  | 133.8E6  | 49.634   | 51.804    |
| 5)                          | MB Aldrin       | 5.261  | 4.238  | 128.1E6  | 127.6E6  | 49.624   | 51.867    |
| 6)                          | B beta-BHC      | 4.527  | 3.916  | 66909389 | 60389795 | 49.476   | 51.305    |
| 7)                          | B delta-BHC     | 4.775  | 4.146  | 134.9E6  | 133.5E6  | 49.568   | 52.687    |
| 8)                          | B Heptachlo...  | 5.687  | 4.740  | 120.1E6  | 117.8E6  | 49.094   | 52.260    |
| 9)                          | A Endosulfan I  | 6.073  | 5.110  | 111.0E6  | 110.5E6  | 49.452   | 52.350    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.990  | 119.6E6  | 122.2E6  | 49.501   | 51.699    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.054  | 118.7E6  | 121.3E6  | 49.298   | 51.579    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.243  | 106.5E6  | 109.9E6  | 50.924   | 52.593    |
| 13)                         | MA Dieldrin     | 6.347  | 5.374  | 117.2E6  | 118.8E6  | 49.758   | 52.178    |
| 14)                         | MA Endrin       | 6.577  | 5.650  | 94312587 | 102.1E6  | 48.634   | 50.128    |
| 15)                         | B Endosulfa...  | 6.795  | 5.944  | 102.4E6  | 103.6E6  | 50.594   | 53.534    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.798  | 88035613 | 93883681 | 58.249   | 56.872    |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.048  | 88486380 | 88613685 | 49.849   | 49.884    |
| 18)                         | B Endrin al...  | 6.925  | 6.123  | 81590608 | 81754039 | 51.109   | 52.484    |
| 19)                         | B Endosulfa...  | 7.160  | 6.345  | 97193999 | 100.6E6  | 50.658   | 52.175    |
| 20)                         | A Methoxychlor  | 7.500  | 6.623  | 47813222 | 49212555 | 50.851   | 49.560    |
| 21)                         | B Endrin ke...  | 7.644  | 6.851  | 109.4E6  | 117.8E6  | 52.101   | 54.092    |
| 22)                         | Mirex           | 8.118  | 7.032  | 84938325 | 94211059 | 49.930   | 50.477    |
| 23)                         | Chlordane-1     | 0.000  | 3.801  | 0        | 23785    | N.D.     | 0.326 #   |
| 24)                         | Chlordane-2     | 5.261f | 4.375  | 128.1E6  | 572000   | 1261.323 | 6.088 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.990  | 119.6E6  | 122.2E6  | 344.390  | 503.283 # |
| 26)                         | Chlordane-4     | 6.022  | 5.054  | 118.7E6  | 121.3E6  | 282.200  | 520.411 # |
| 27)                         | Chlordane-5     | 0.000  | 5.745f | 0        | 106350   | N.D.     | 1.536 #   |
| -----                       |                 |        |        |          |          |          |           |

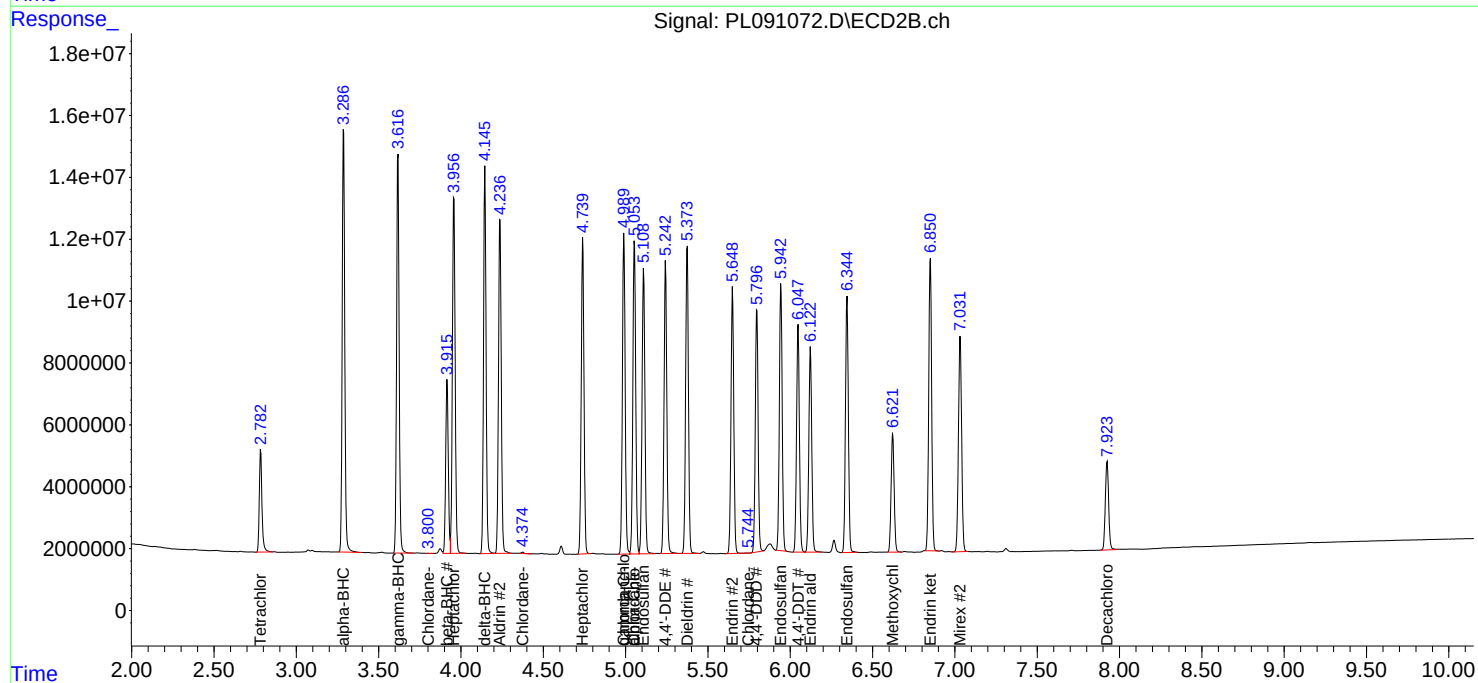
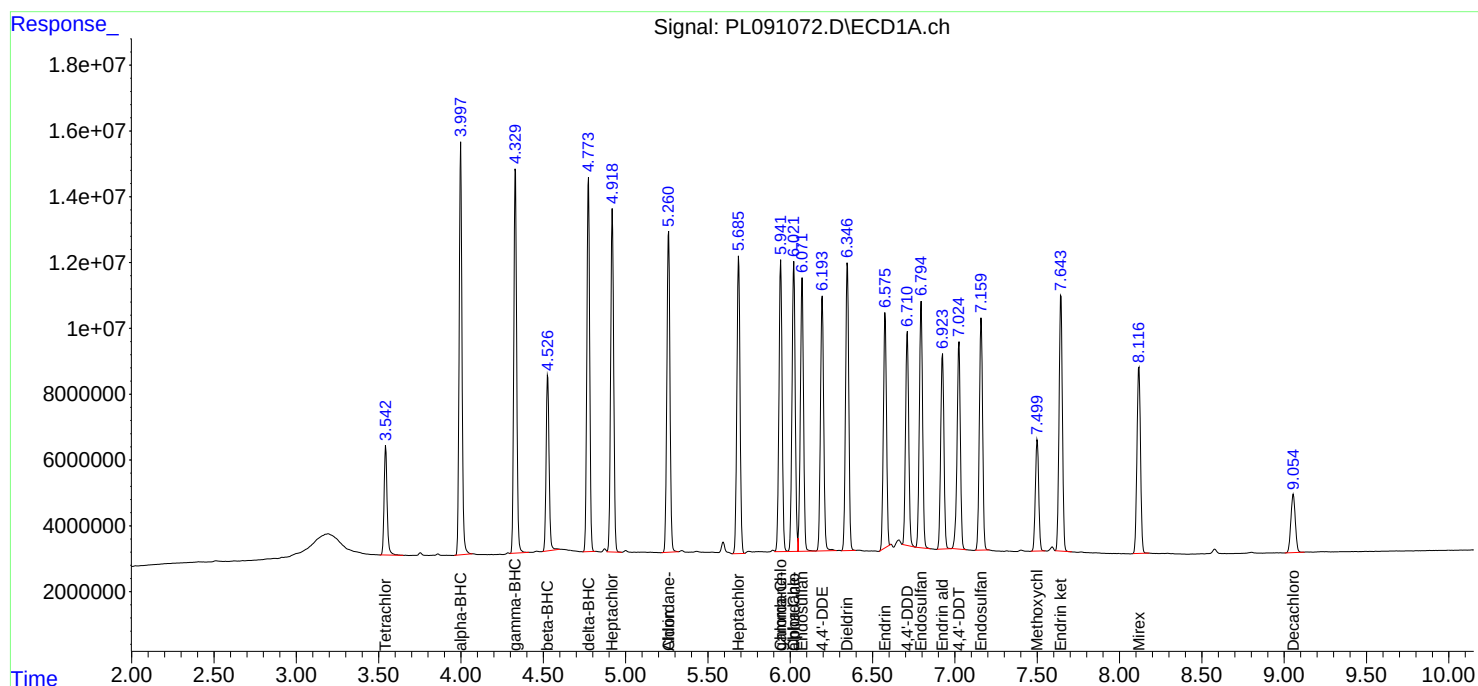
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

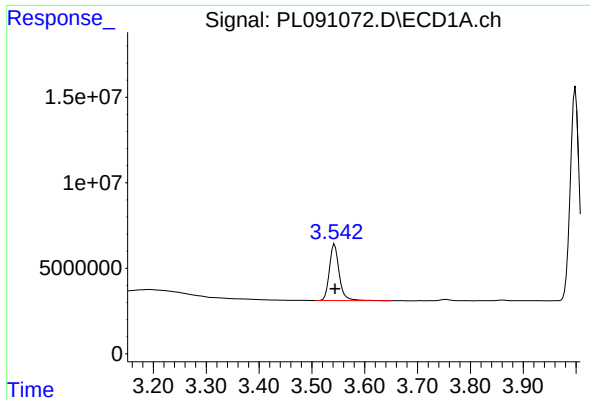
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
Data File : PL091072.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2024 21:00  
Operator : AR\AJ  
Sample : PB162721BS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 03:53:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

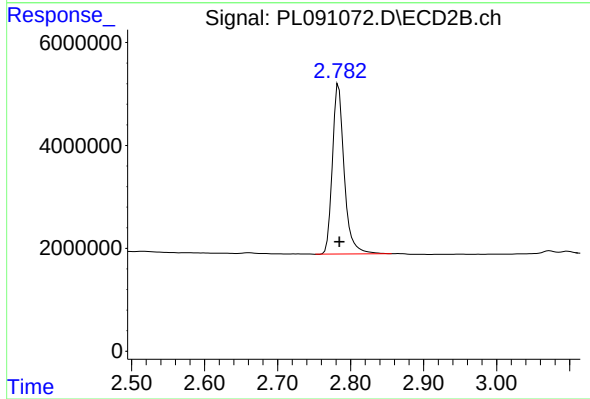




#1 Tetrachloro-m-xylene

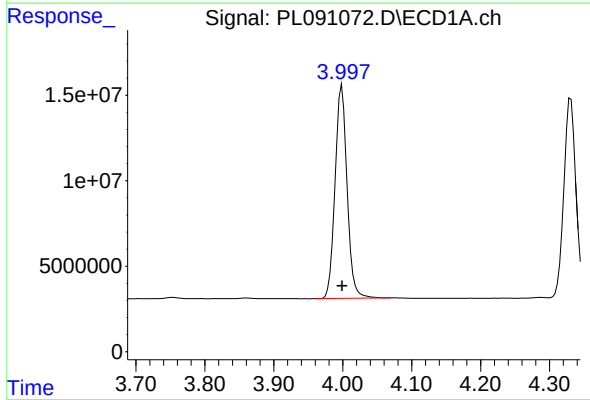
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 42414372  
Conc: 19.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



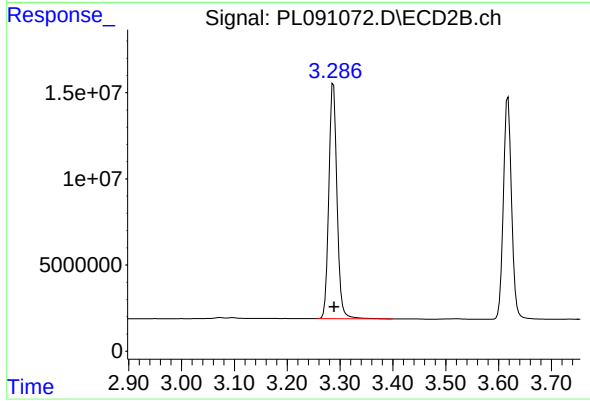
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: -0.001 min  
Response: 37180211  
Conc: 19.05 ng/ml



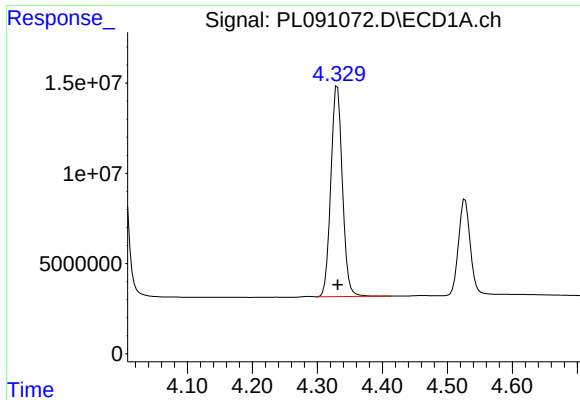
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 150814215  
Conc: 50.31 ng/ml



#2 alpha-BHC

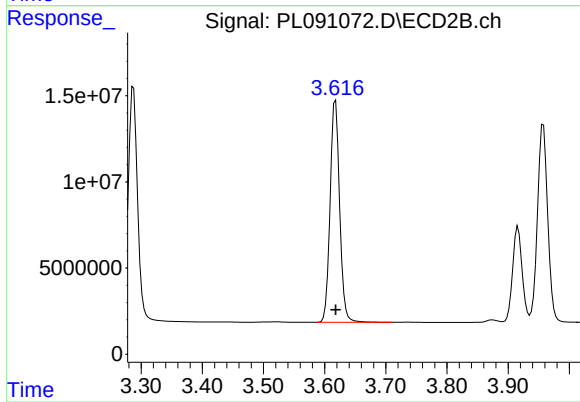
R.T.: 3.287 min  
Delta R.T.: -0.001 min  
Response: 147024590  
Conc: 53.01 ng/ml



#3 gamma-BHC (Lindane)

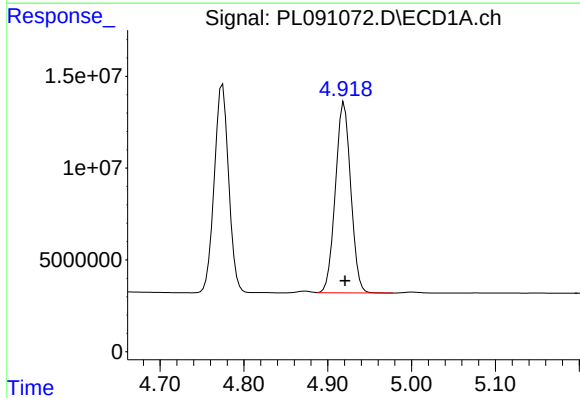
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 143783268  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



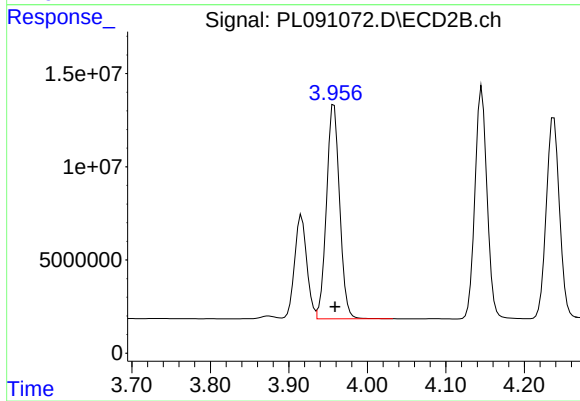
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.000 min  
Response: 139047600  
Conc: 52.79 ng/ml



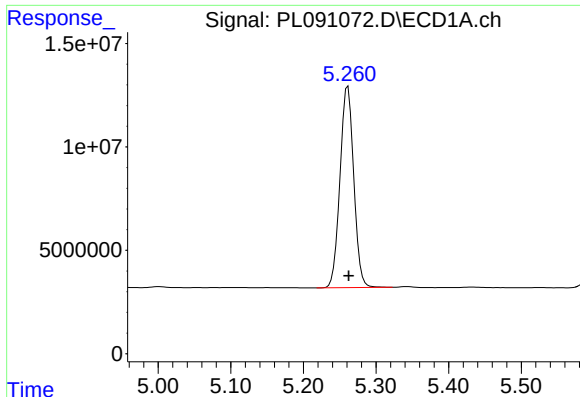
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 132176210  
Conc: 49.63 ng/ml



#4 Heptachlor

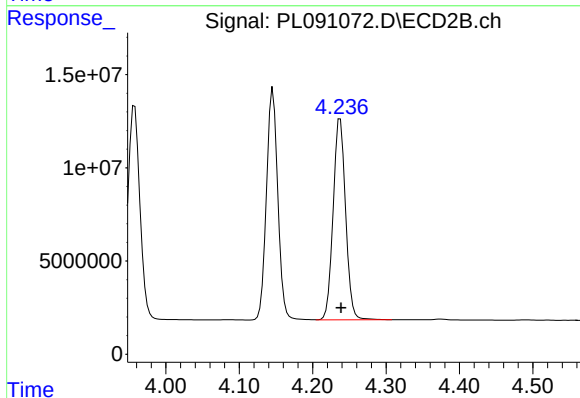
R.T.: 3.958 min  
Delta R.T.: -0.001 min  
Response: 133793360  
Conc: 51.80 ng/ml



#5 Aldrin

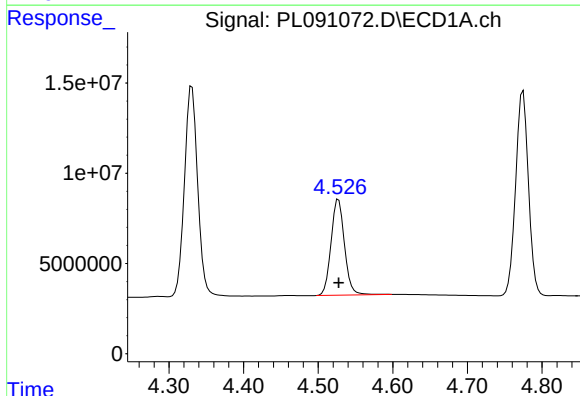
R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 128071702  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



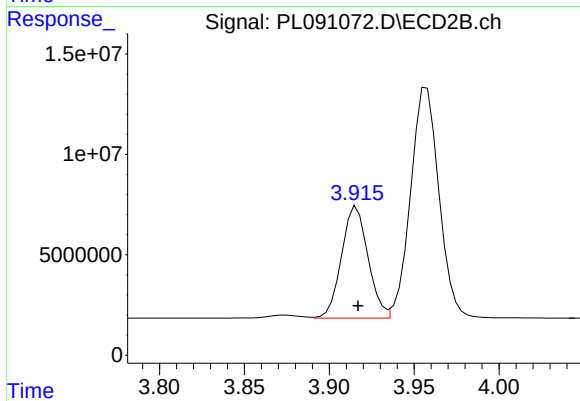
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: -0.001 min  
Response: 127550514  
Conc: 51.87 ng/ml



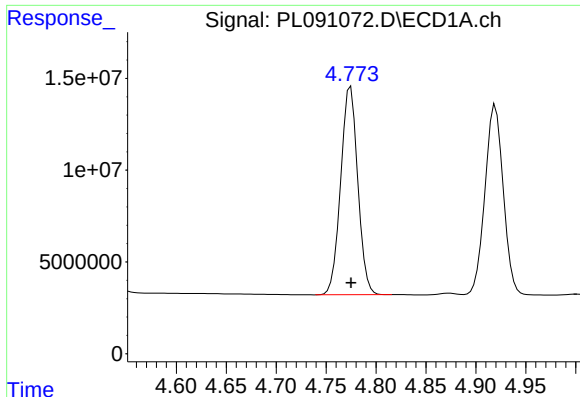
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 66909389  
Conc: 49.48 ng/ml



#6 beta-BHC

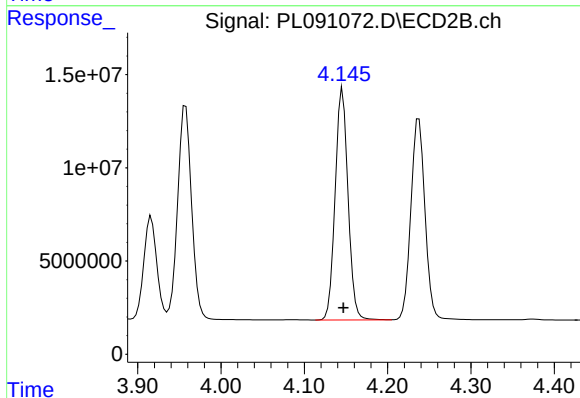
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 60389795  
Conc: 51.31 ng/ml



#7 delta-BHC

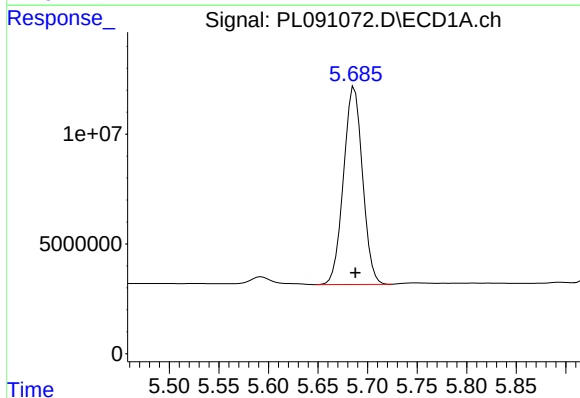
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 134948685  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



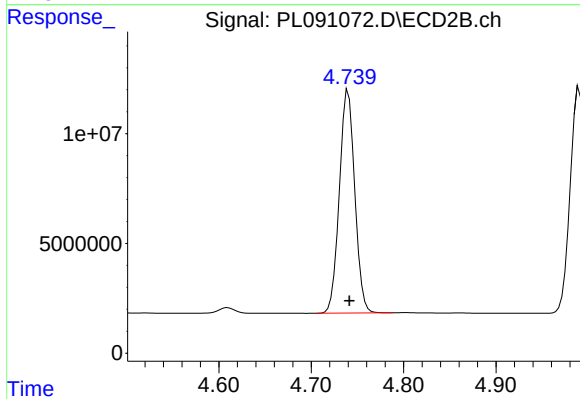
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: -0.001 min  
Response: 133521299  
Conc: 52.69 ng/ml



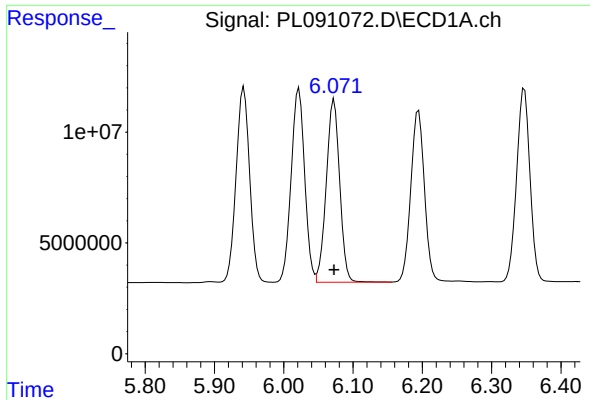
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.001 min  
Response: 120109764  
Conc: 49.09 ng/ml



#8 Heptachlor epoxide

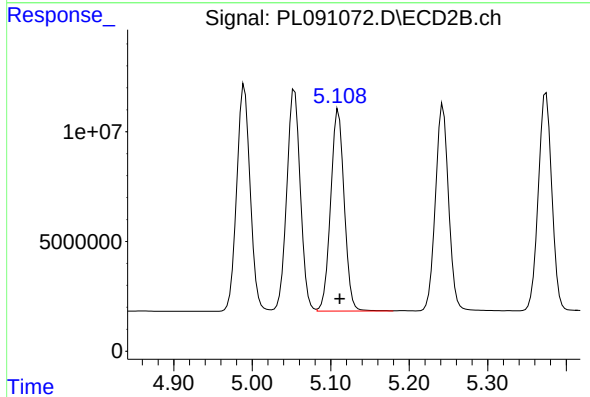
R.T.: 4.740 min  
Delta R.T.: -0.001 min  
Response: 117837438  
Conc: 52.26 ng/ml



#9 Endosulfan I

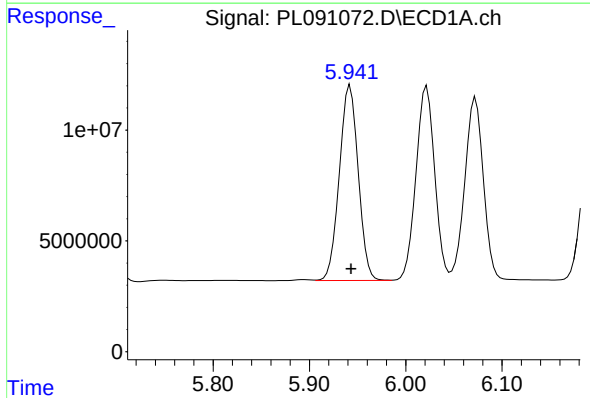
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 111037399  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



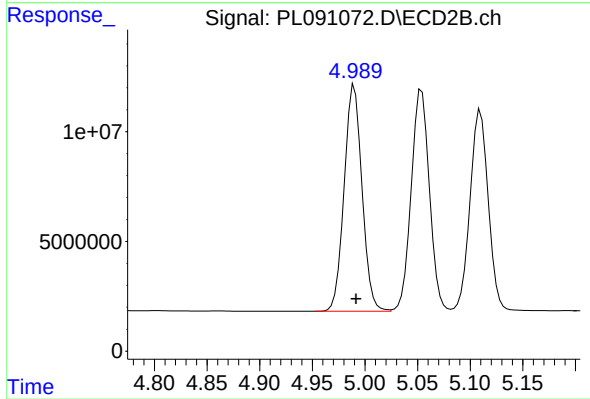
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 110468294  
Conc: 52.35 ng/ml



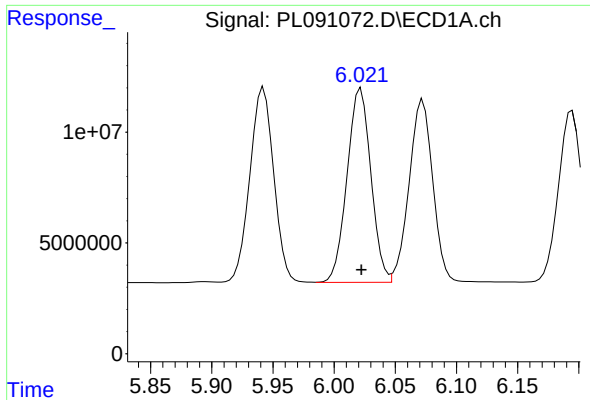
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 119615284  
Conc: 49.50 ng/ml



#10 gamma-Chlordane

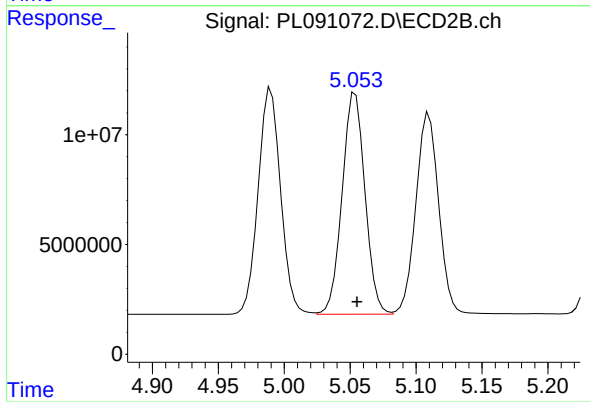
R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 122214924  
Conc: 51.70 ng/ml



#11 alpha-Chlordane

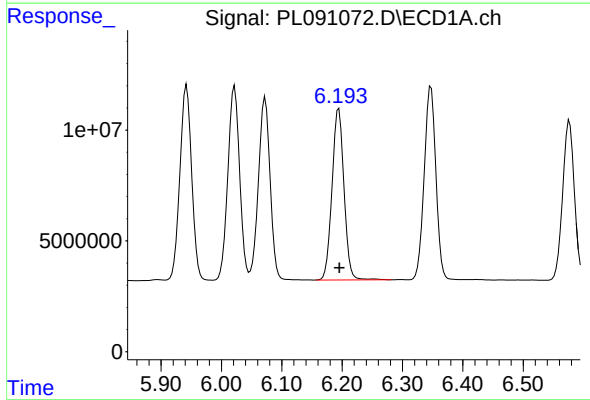
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 118696806  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



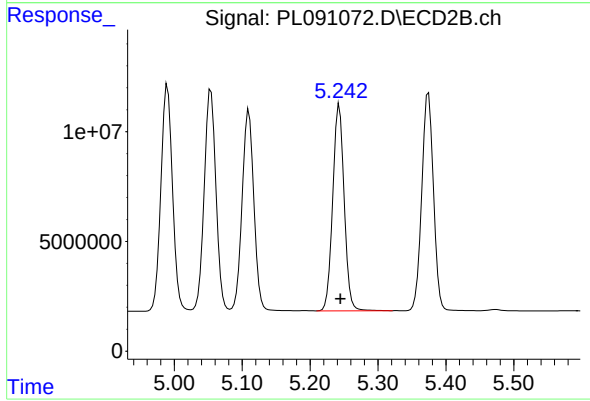
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.001 min  
Response: 121343592  
Conc: 51.58 ng/ml



#12 4,4'-DDE

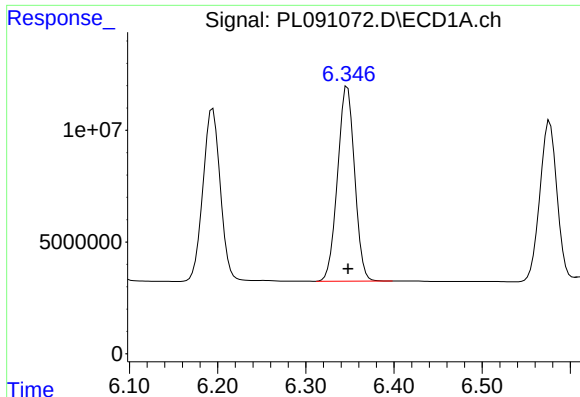
R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 106537893  
Conc: 50.92 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: -0.002 min  
Response: 109889193  
Conc: 52.59 ng/ml

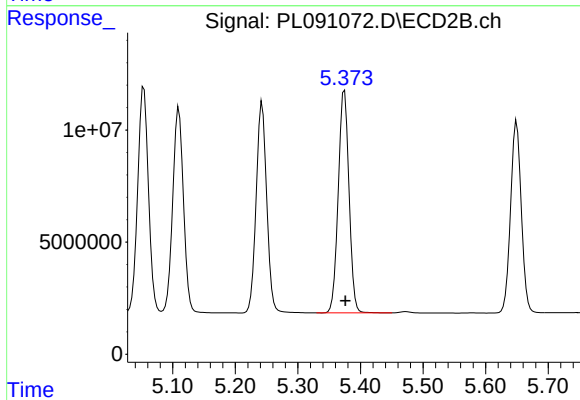




#13 Dieldrin

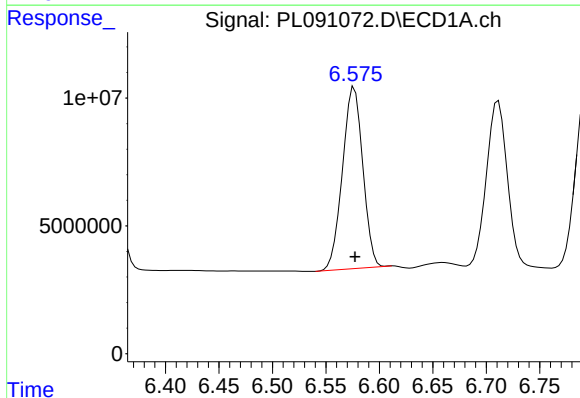
R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 117191895  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



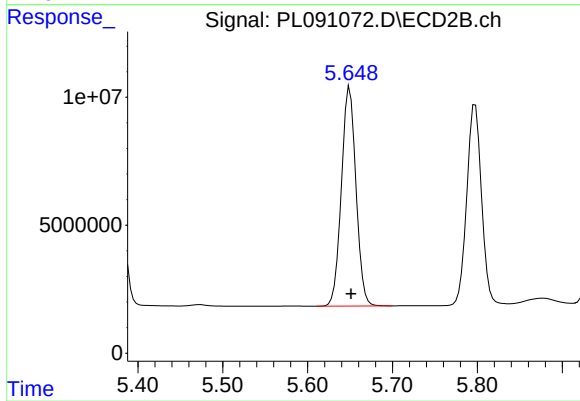
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: -0.002 min  
Response: 118837012  
Conc: 52.18 ng/ml



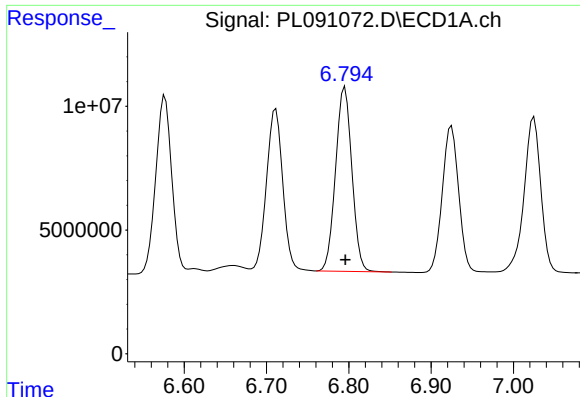
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 94312587  
Conc: 48.63 ng/ml



#14 Endrin

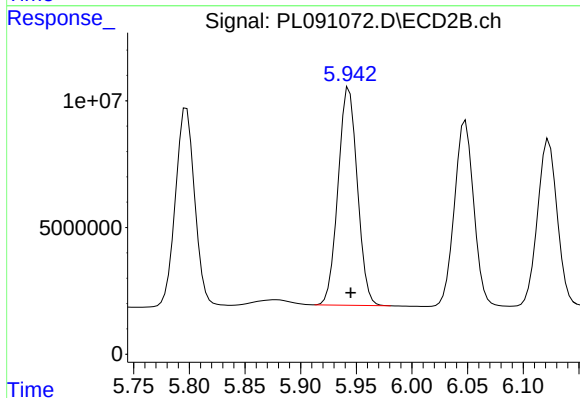
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 102118319  
Conc: 50.13 ng/ml



#15 Endosulfan II

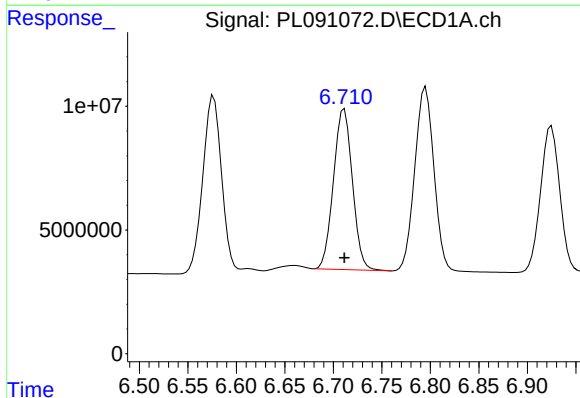
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 102385855  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



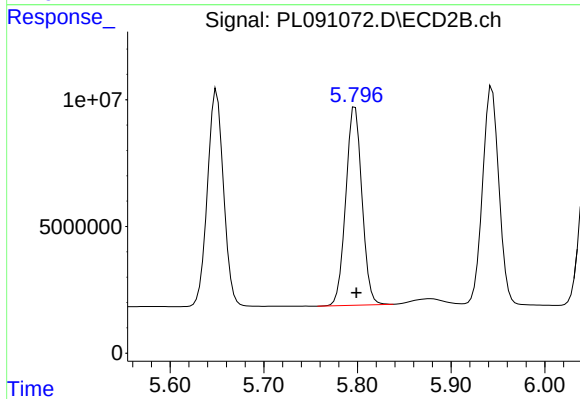
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: -0.002 min  
Response: 103571370  
Conc: 53.53 ng/ml



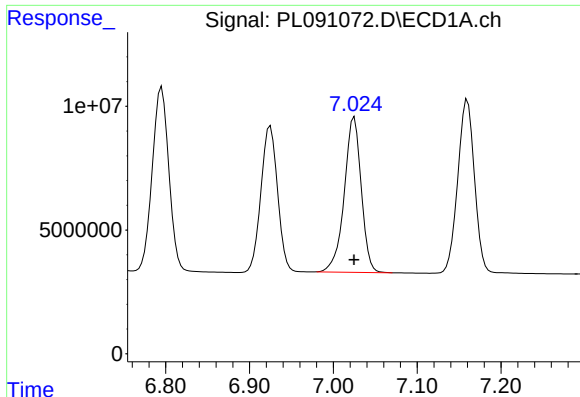
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 88035613  
Conc: 58.25 ng/ml



#16 4,4'-DDD

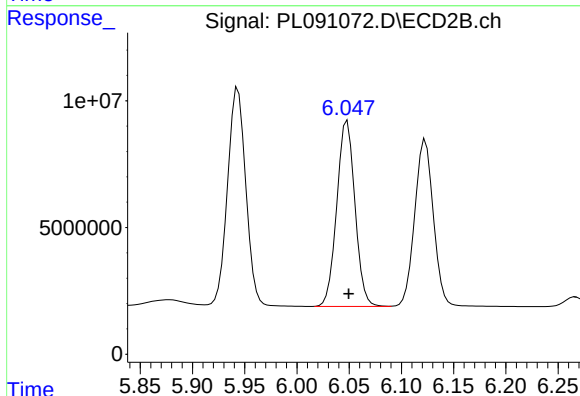
R.T.: 5.798 min  
Delta R.T.: -0.001 min  
Response: 93883681  
Conc: 56.87 ng/ml



#17 4,4'-DDT

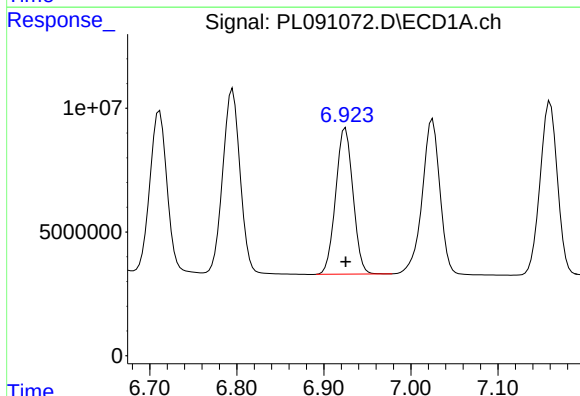
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 88486380  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



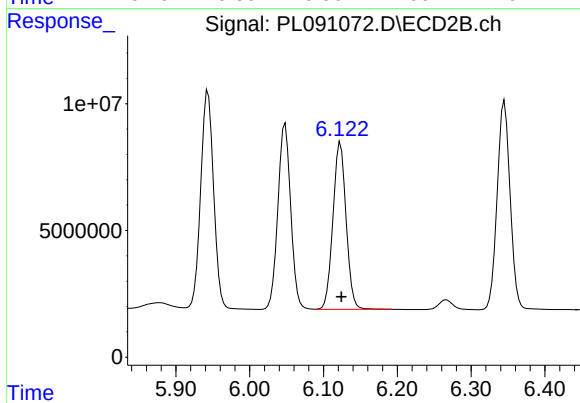
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: -0.001 min  
Response: 88613685  
Conc: 49.88 ng/ml



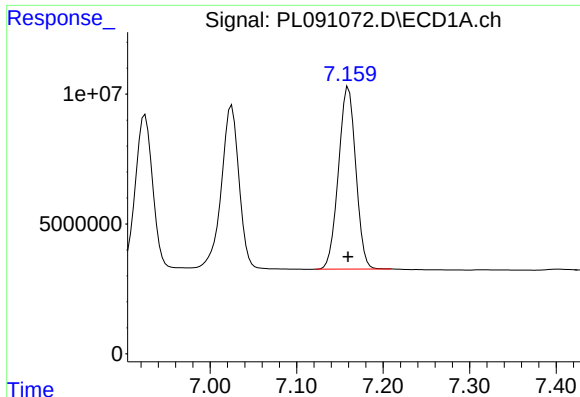
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 81590608  
Conc: 51.11 ng/ml



#18 Endrin aldehyde

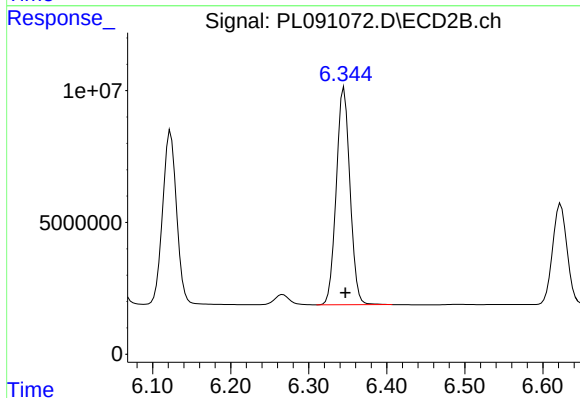
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 81754039  
Conc: 52.48 ng/ml



#19 Endosulfan Sulfate

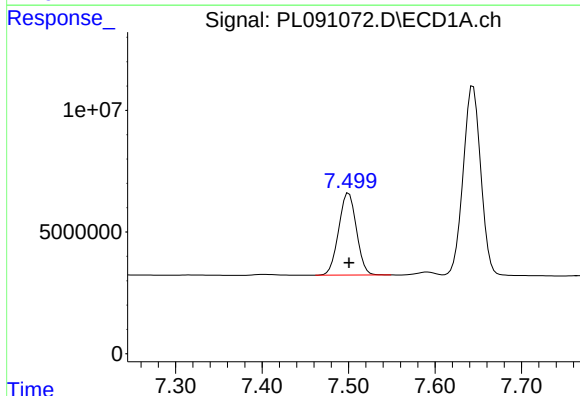
R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 97193999  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



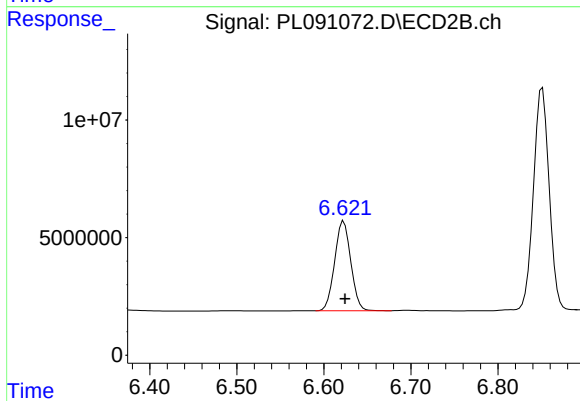
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: -0.002 min  
Response: 100592900  
Conc: 52.17 ng/ml



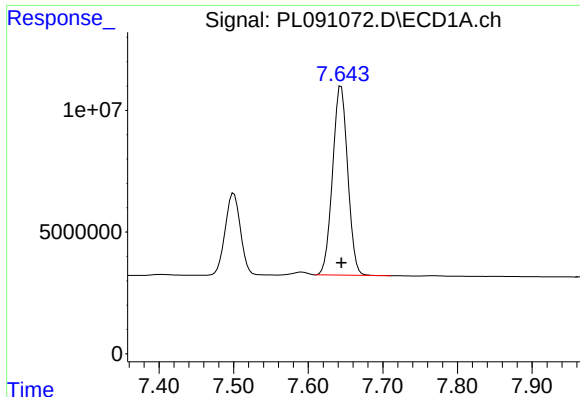
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 47813222  
Conc: 50.85 ng/ml



#20 Methoxychlor

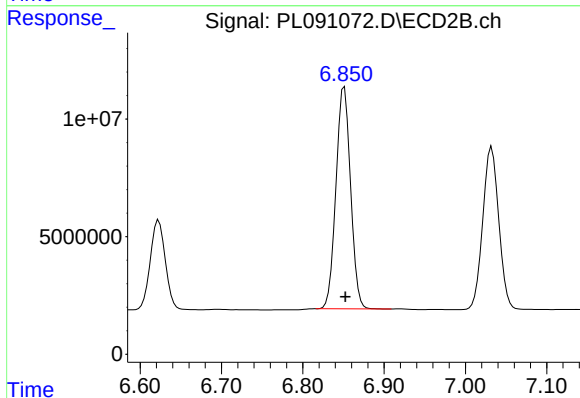
R.T.: 6.623 min  
Delta R.T.: -0.001 min  
Response: 49212555  
Conc: 49.56 ng/ml



#21 Endrin ketone

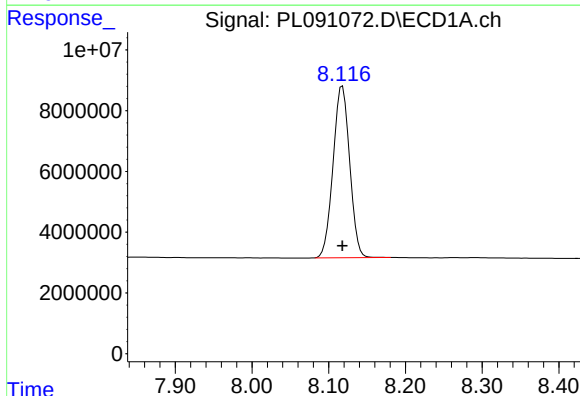
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 109398543  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



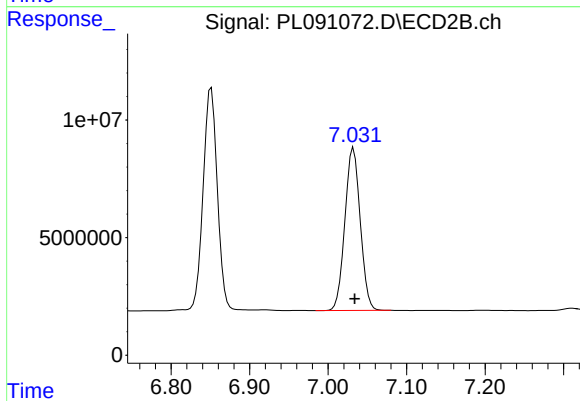
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 117810656  
Conc: 54.09 ng/ml



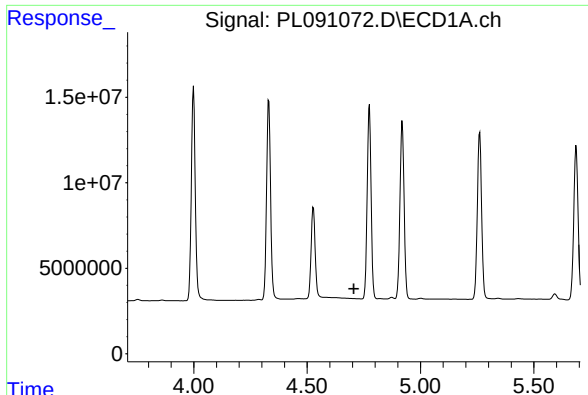
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 84938325  
Conc: 49.93 ng/ml



#22 Mirex

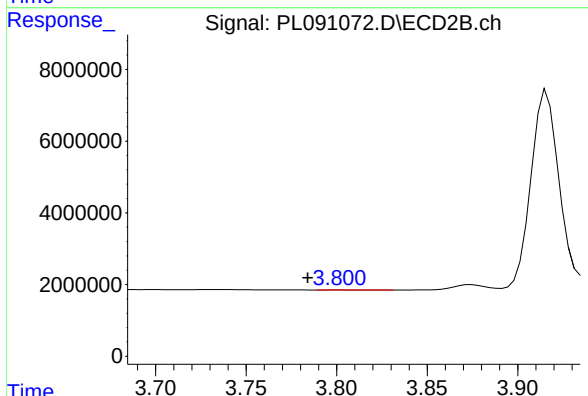
R.T.: 7.032 min  
Delta R.T.: -0.001 min  
Response: 94211059  
Conc: 50.48 ng/ml



#23 Chlordane-1

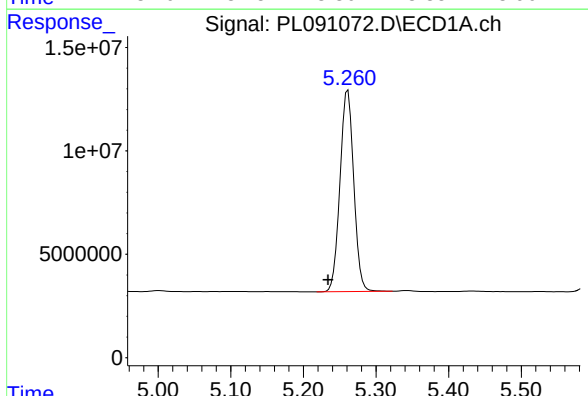
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



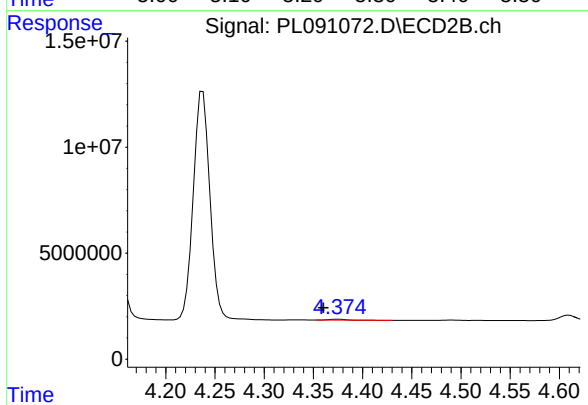
#23 Chlordane-1

R.T.: 3.801 min  
Delta R.T.: 0.017 min  
Response: 23785  
Conc: 0.33 ng/ml



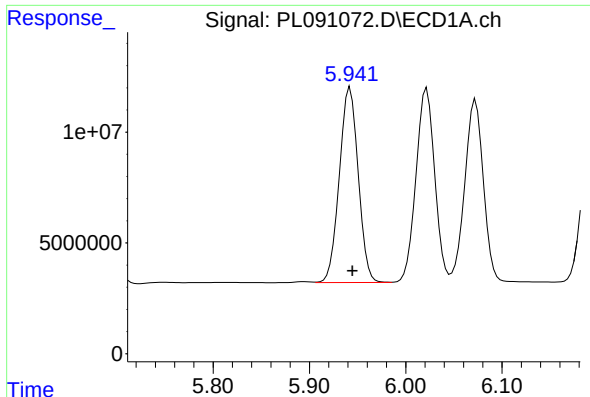
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: 0.027 min  
Response: 128071702  
Conc: 1261.32 ng/ml



#24 Chlordane-2

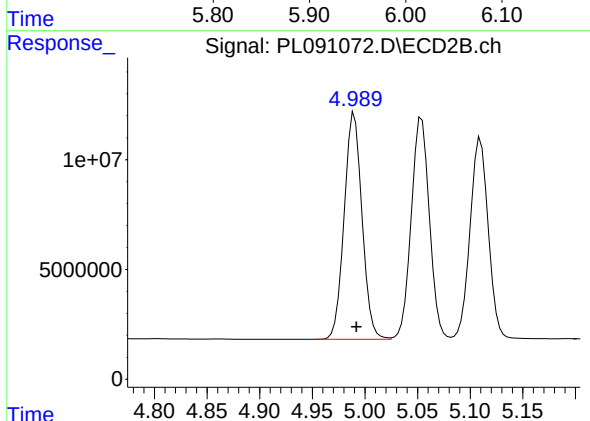
R.T.: 4.375 min  
Delta R.T.: 0.015 min  
Response: 572000  
Conc: 6.09 ng/ml



#25 Chlordane-3

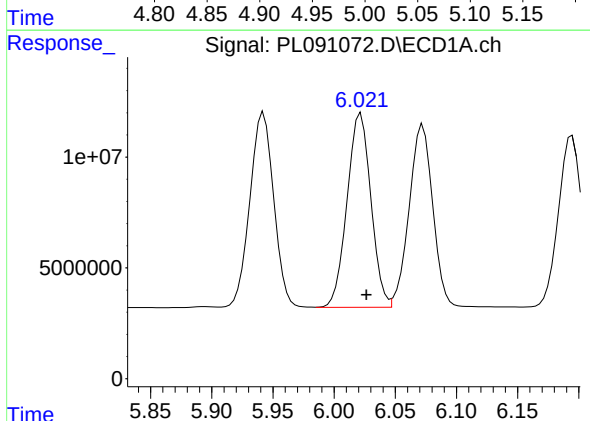
R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 119615284  
Conc: 344.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



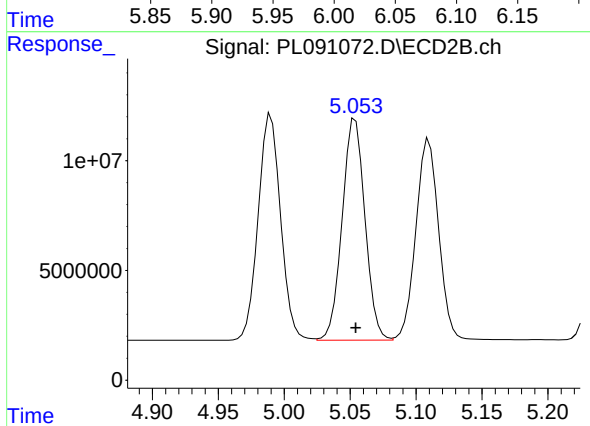
#25 Chlordane-3

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 122214924  
Conc: 503.28 ng/ml



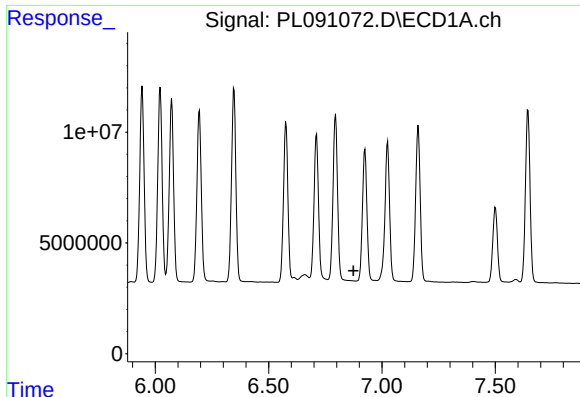
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 118696806  
Conc: 282.20 ng/ml



#26 Chlordane-4

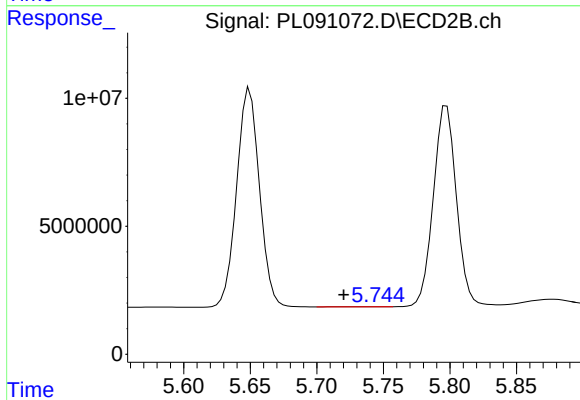
R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 121343592  
Conc: 520.41 ng/ml



#27 Chlordane-5

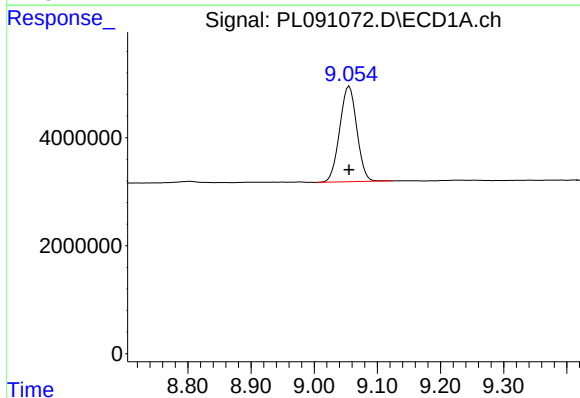
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



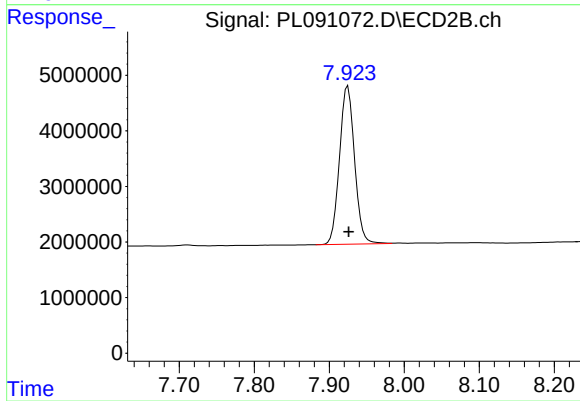
#27 Chlordane-5

R.T.: 5.745 min  
Delta R.T.: 0.025 min  
Response: 106350  
Conc: 1.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.000 min  
Response: 33296996  
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.001 min  
Response: 39816111  
Conc: 21.02 ng/ml