

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113022\  
 Data File : PL079502.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Nov 2022 10:03  
 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: Nov 30 20:15:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 2022  
 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... | 3.324  | 2.563 | 117.7E6  | 135.3E6  | 52.092   | 49.719    |
| 2)                          | SA Decachlor... | 8.774  | 7.632 | 97661148 | 108.9E6  | 50.286   | 46.344    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.784  | 3.049 | 187.3E6  | 216.2E6  | 54.465   | 50.141    |
| 3)                          | MA gamma-BHC... | 4.118  | 3.370 | 174.1E6  | 196.0E6  | 53.718   | 50.328    |
| 4)                          | MA Heptachlor   | 4.688  | 3.697 | 173.1E6  | 190.8E6  | 52.525   | 49.598    |
| 5)                          | MB Aldrin       | 5.026  | 3.968 | 166.4E6  | 185.9E6  | 53.589   | 50.066    |
| 6)                          | B beta-BHC      | 4.333  | 3.671 | 72394031 | 74487320 | 51.272   | 49.161    |
| 7)                          | B delta-BHC     | 4.574  | 3.891 | 156.4E6  | 193.4E6  | 56.379   | 50.269    |
| 8)                          | B Heptachlo...  | 5.460  | 4.466 | 152.6E6  | 167.3E6  | 53.435   | 49.576    |
| 9)                          | A Endosulfan I  | 5.844  | 4.828 | 140.8E6  | 159.2E6  | 52.964   | 49.739    |
| 10)                         | B gamma-Chl...  | 5.715  | 4.713 | 154.2E6  | 170.1E6  | 53.901   | 50.276    |
| 11)                         | B alpha-Chl...  | 5.791  | 4.775 | 151.7E6  | 165.7E6  | 52.655   | 49.482    |
| 12)                         | B 4,4'-DDE      | 5.975  | 4.971 | 132.8E6  | 156.2E6  | 53.174   | 50.928    |
| 13)                         | MA Dieldrin     | 6.122  | 5.090 | 143.4E6  | 169.3E6  | 52.270   | 50.209    |
| 14)                         | MA Endrin       | 6.352  | 5.361 | 119.5E6  | 140.5E6  | 49.385   | 46.461    |
| 15)                         | B Endosulfa...  | 6.582  | 5.658 | 115.6E6  | 137.0E6  | 51.209   | 48.957    |
| 16)                         | A 4,4'-DDD      | 6.500  | 5.522 | 112.7E6  | 134.5E6  | 56.825   | 53.755    |
| 17)                         | MA 4,4'-DDT     | 6.810  | 5.768 | 104.7E6  | 116.8E6  | 46.168   | 44.689    |
| 18)                         | B Endrin al...  | 6.713  | 5.836 | 94594637 | 105.4E6  | 52.229   | 49.507    |
| 19)                         | B Endosulfa...  | 6.947  | 6.059 | 120.0E6  | 137.6E6  | 51.734   | 48.776    |
| 20)                         | A Methoxychlor  | 7.294  | 6.346 | 53552012 | 59593876 | 44.390   | 43.846    |
| 21)                         | B Endrin ke...  | 7.432  | 6.555 | 130.9E6  | 157.8E6  | 53.064   | 51.242    |
| 22)                         | Mirex           | 7.889  | 6.727 | 94945048 | 111.9E6  | 50.126   | 47.301    |
| 23)                         | Chlordane-1     | 0.000  | 3.537 | 0        | 116446   | N.D.     | 1.095 #   |
| 24)                         | Chlordane-2     | 5.026f | 4.083 | 166.4E6  | -269423  | 1579.278 | N.D. #    |
| 25)                         | Chlordane-3     | 5.715  | 4.713 | 154.2E6  | 170.1E6  | 371.415  | 508.956 # |
| 26)                         | Chlordane-4     | 5.791  | 4.775 | 151.7E6  | 165.7E6  | 298.219  | 457.343 # |
| 27)                         | Chlordane-5     | 0.000  | 5.440 | 0        | 963735   | N.D.     | 10.720 #  |
| -----                       |                 |        |       |          |          |          |           |

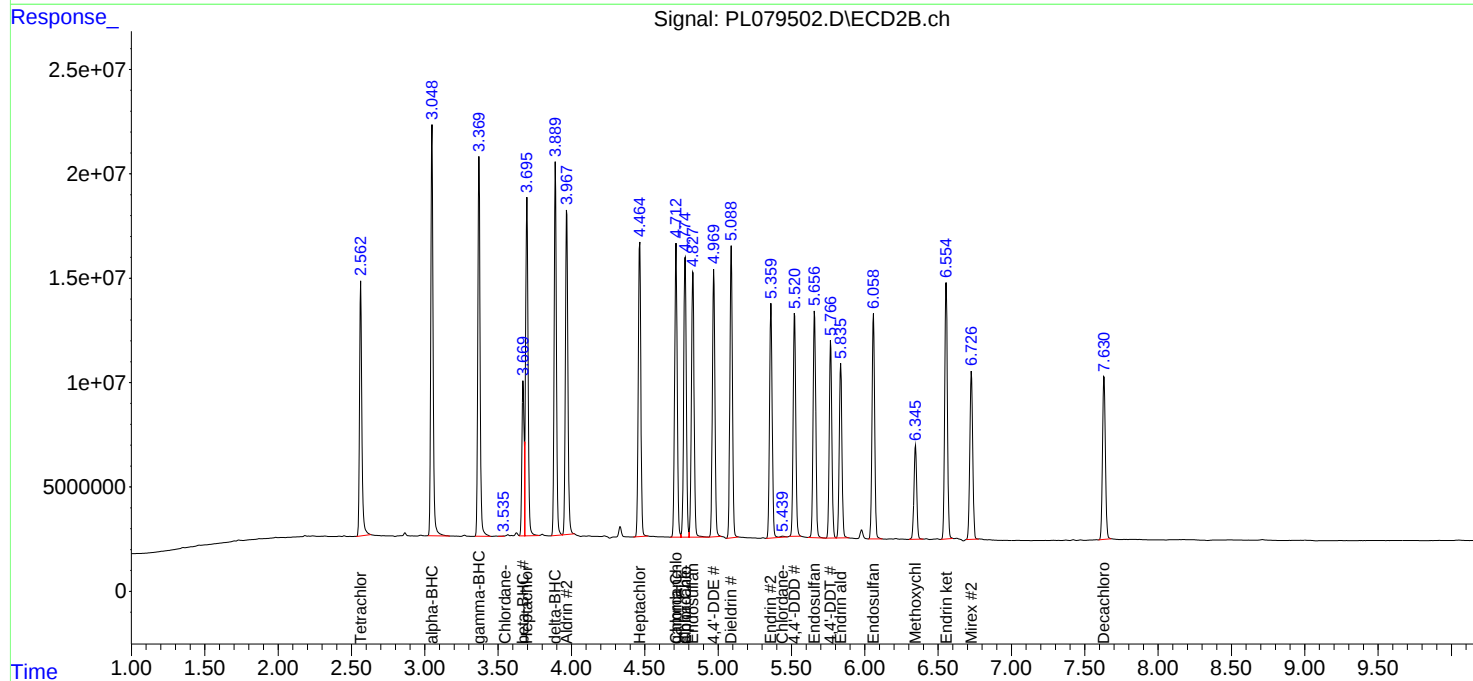
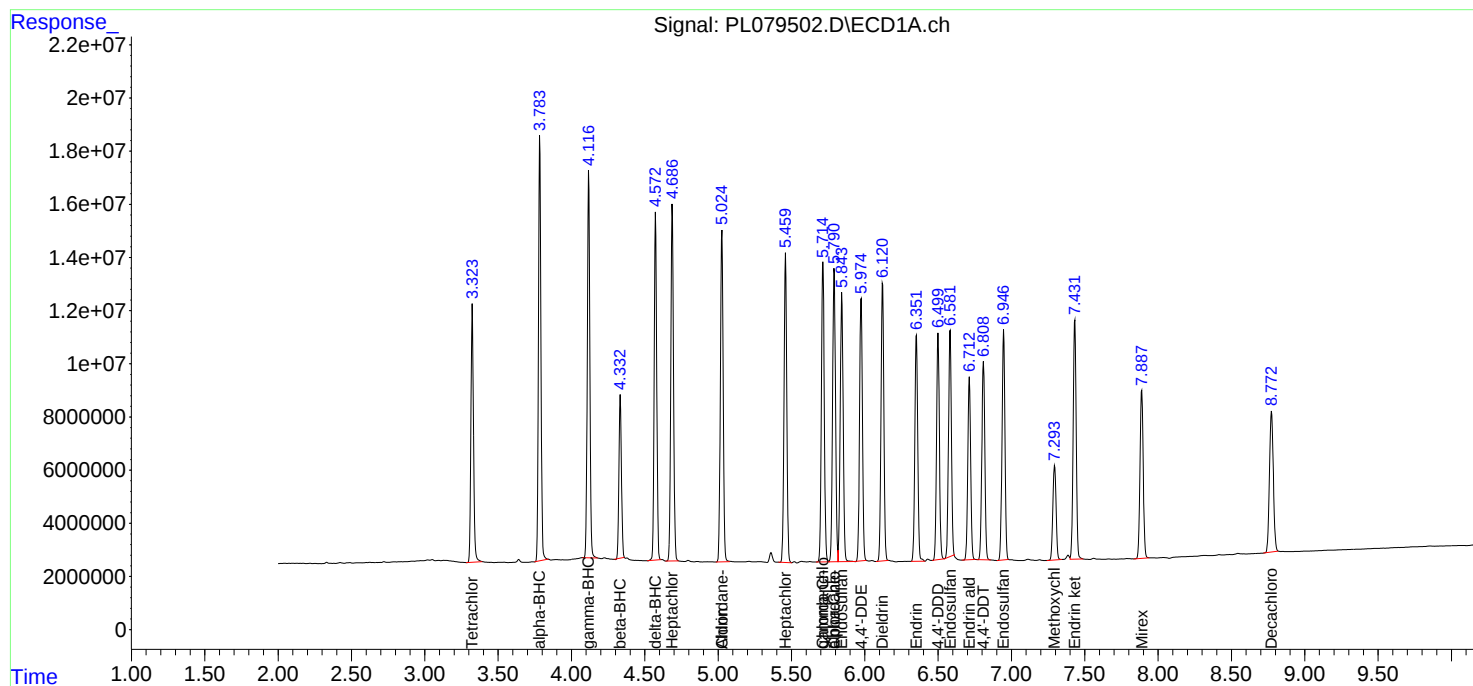
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

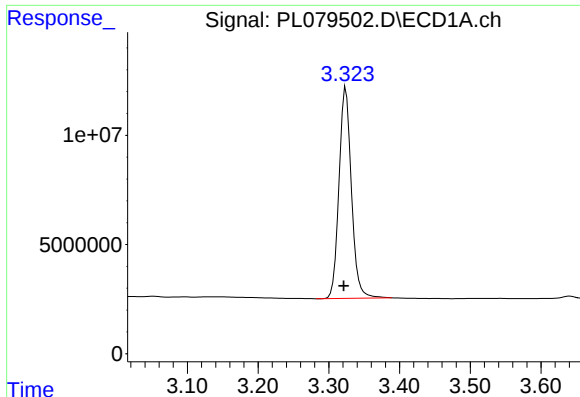
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113022\  
Data File : PL079502.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Nov 2022 10:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 30 20:15:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 2022  
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

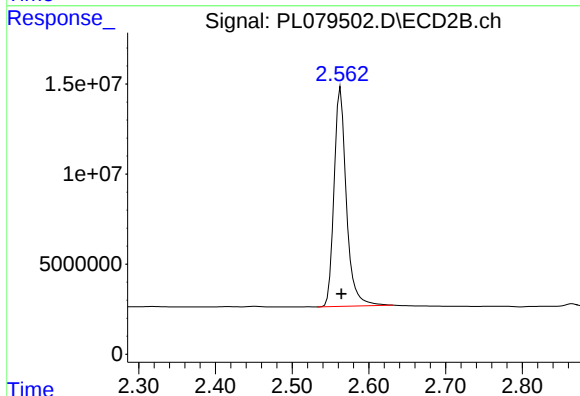




#1 Tetrachloro-m-xylene

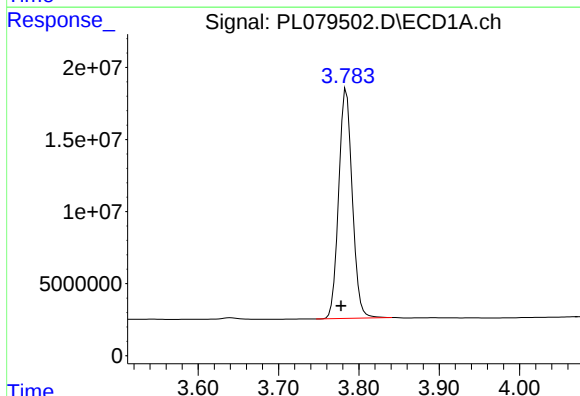
R.T.: 3.324 min  
Delta R.T.: 0.003 min  
Response: 117678486  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



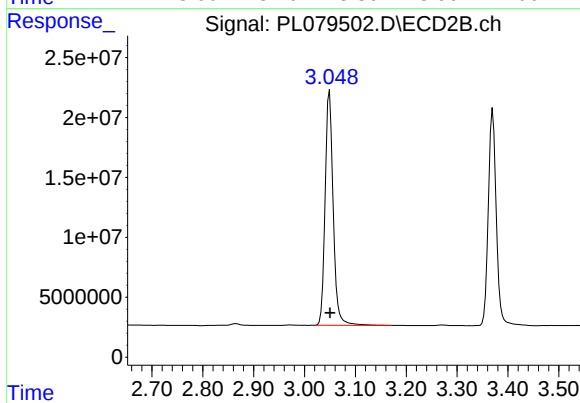
#1 Tetrachloro-m-xylene

R.T.: 2.563 min  
Delta R.T.: -0.001 min  
Response: 135335667  
Conc: 49.72 ng/ml



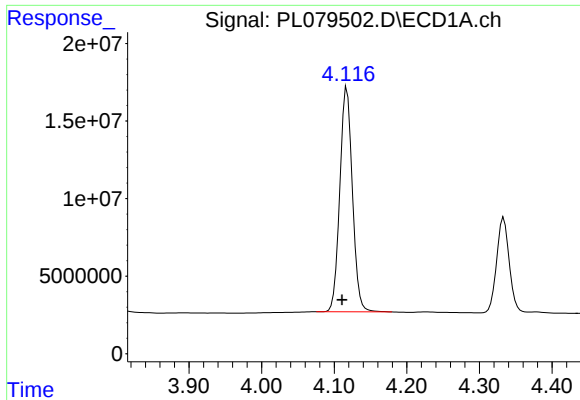
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.006 min  
Response: 187291531  
Conc: 54.46 ng/ml



#2 alpha-BHC

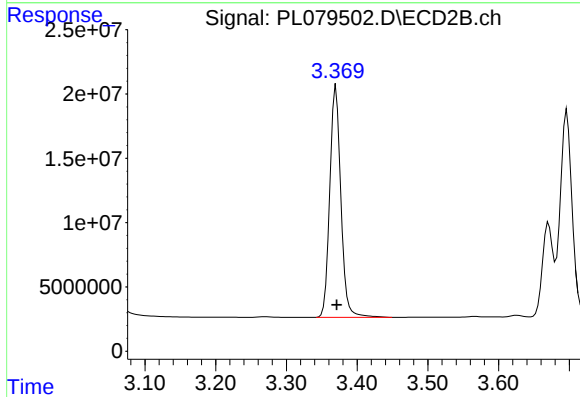
R.T.: 3.049 min  
Delta R.T.: -0.001 min  
Response: 216209570  
Conc: 50.14 ng/ml



#3 gamma-BHC (Lindane)

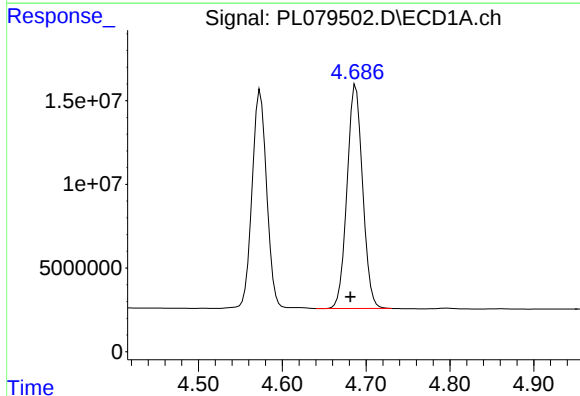
R.T.: 4.118 min  
Delta R.T.: 0.007 min  
Response: 174088226  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



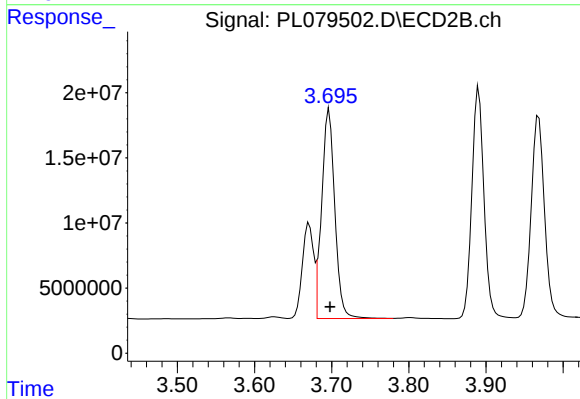
#3 gamma-BHC (Lindane)

R.T.: 3.370 min  
Delta R.T.: -0.001 min  
Response: 195959335  
Conc: 50.33 ng/ml



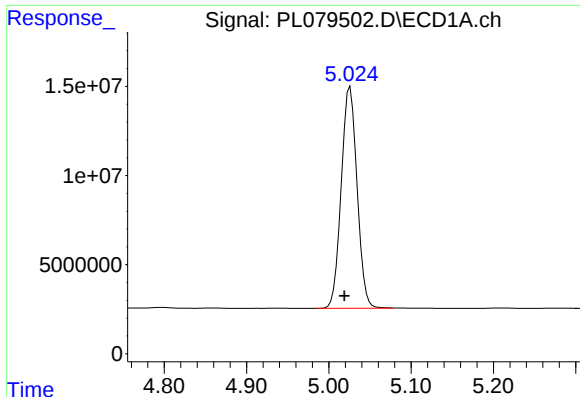
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.006 min  
Response: 173083178  
Conc: 52.53 ng/ml



#4 Heptachlor

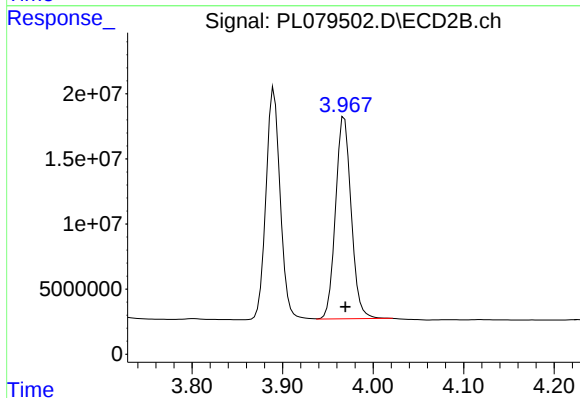
R.T.: 3.697 min  
Delta R.T.: -0.001 min  
Response: 190839254  
Conc: 49.60 ng/ml



#5 Aldrin

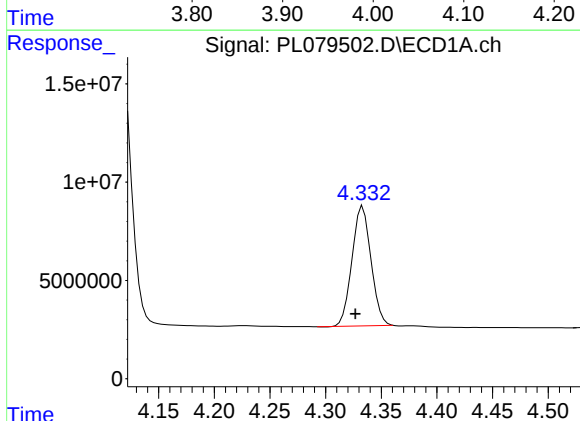
R.T.: 5.026 min  
Delta R.T.: 0.007 min  
Response: 166413039  
Conc: 53.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



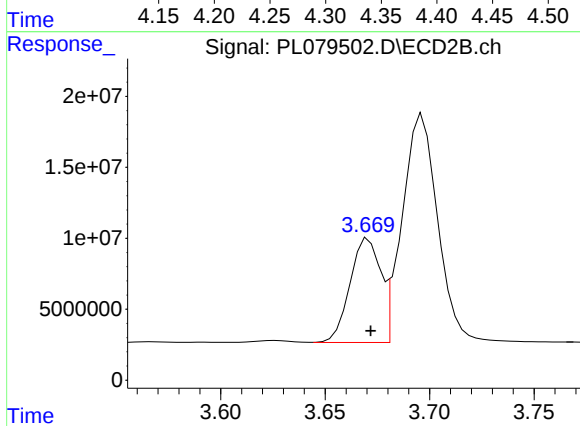
#5 Aldrin

R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 185889467  
Conc: 50.07 ng/ml



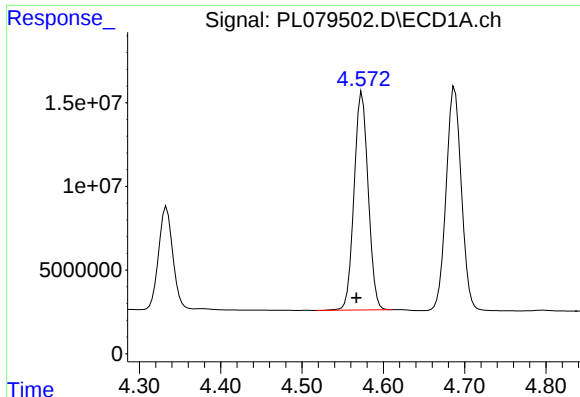
#6 beta-BHC

R.T.: 4.333 min  
Delta R.T.: 0.007 min  
Response: 72394031  
Conc: 51.27 ng/ml



#6 beta-BHC

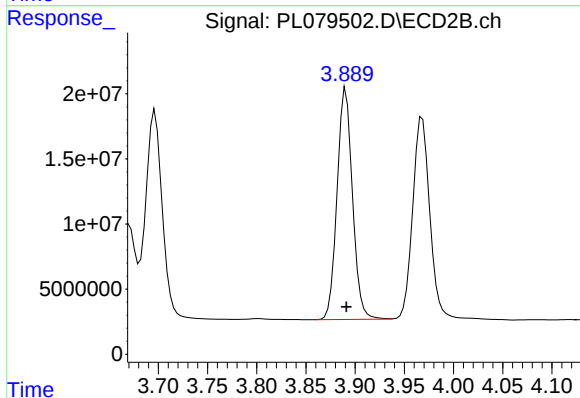
R.T.: 3.671 min  
Delta R.T.: -0.001 min  
Response: 74487320  
Conc: 49.16 ng/ml



#7 delta-BHC

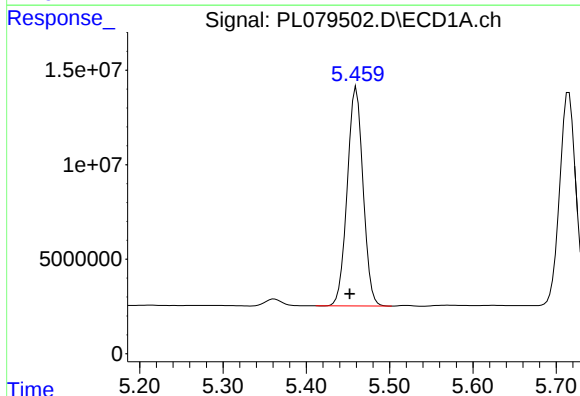
R.T.: 4.574 min  
Delta R.T.: 0.007 min  
Response: 156415012  
Conc: 56.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



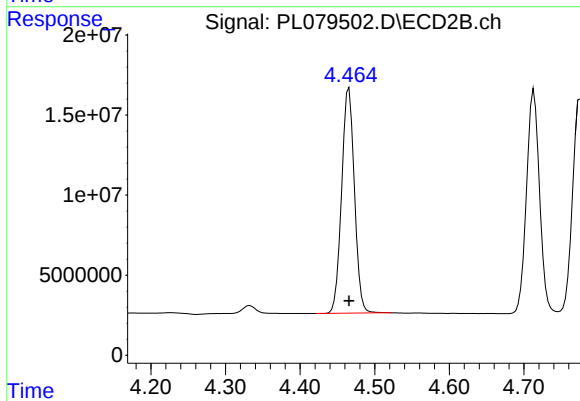
#7 delta-BHC

R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 193396105  
Conc: 50.27 ng/ml



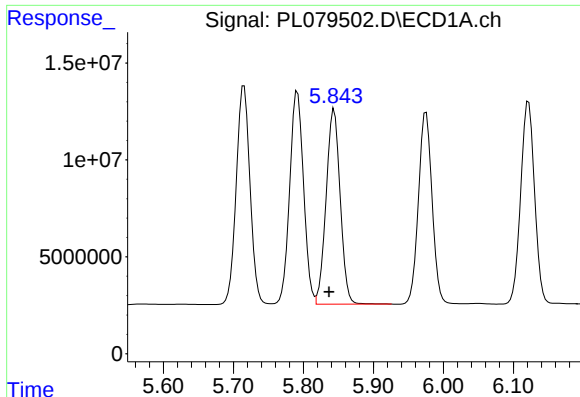
#8 Heptachlor epoxide

R.T.: 5.460 min  
Delta R.T.: 0.008 min  
Response: 152554180  
Conc: 53.43 ng/ml



#8 Heptachlor epoxide

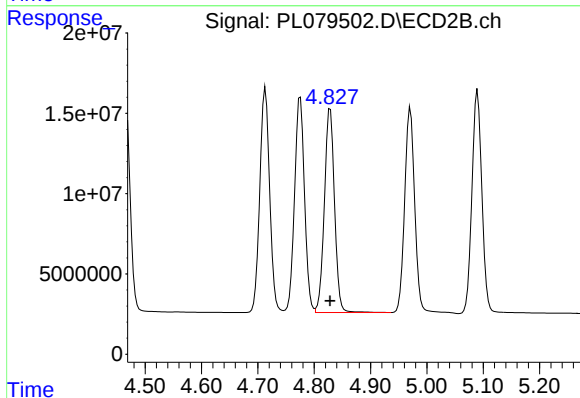
R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 167337170  
Conc: 49.58 ng/ml



#9 Endosulfan I

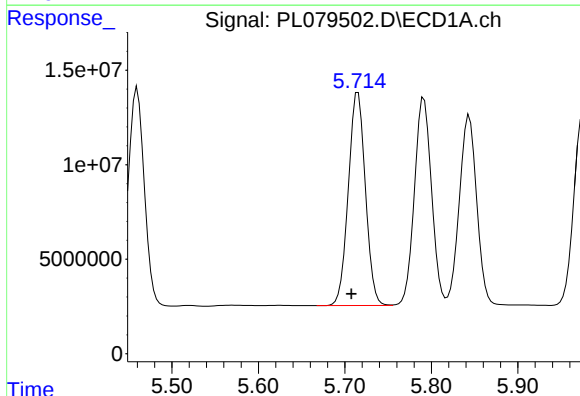
R.T.: 5.844 min  
Delta R.T.: 0.007 min  
Response: 140815523  
Conc: 52.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



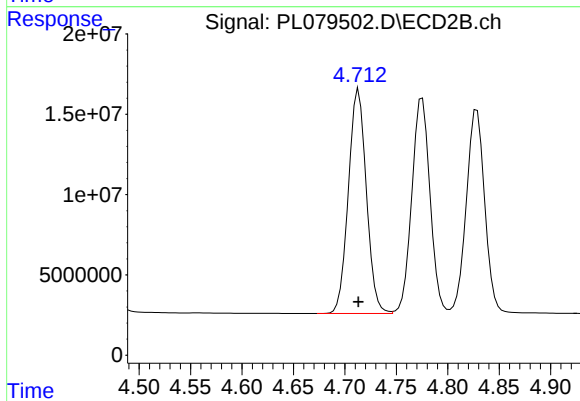
#9 Endosulfan I

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 159154658  
Conc: 49.74 ng/ml



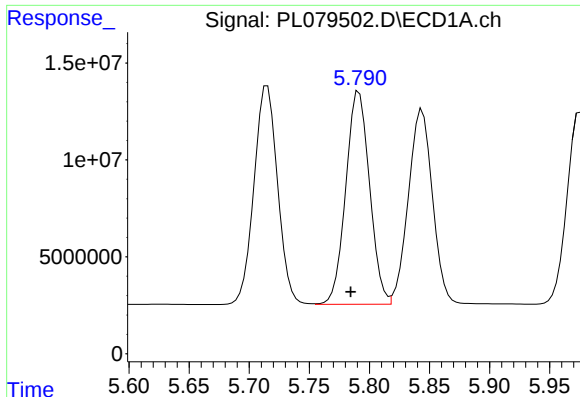
#10 gamma-Chlordane

R.T.: 5.715 min  
Delta R.T.: 0.008 min  
Response: 154222318  
Conc: 53.90 ng/ml



#10 gamma-Chlordane

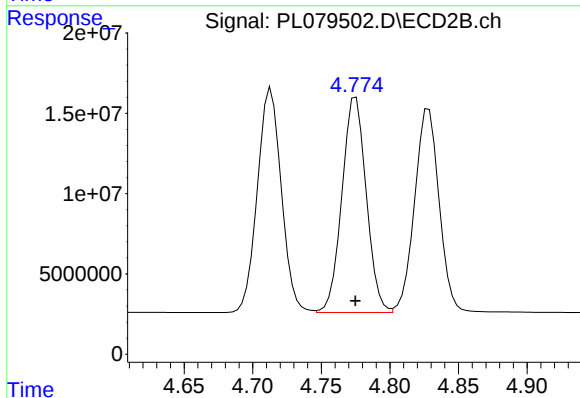
R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 170145946  
Conc: 50.28 ng/ml



#11 alpha-Chlordane

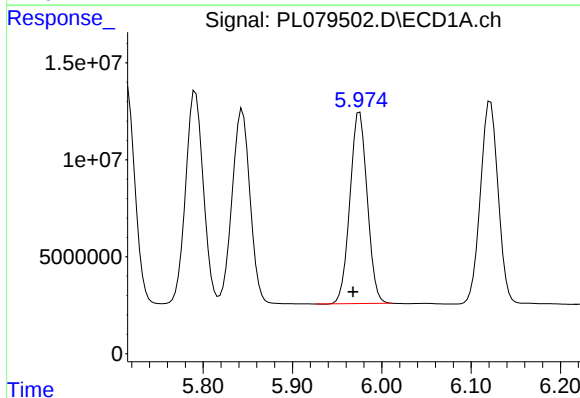
R.T.: 5.791 min  
Delta R.T.: 0.007 min  
Response: 151731545  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



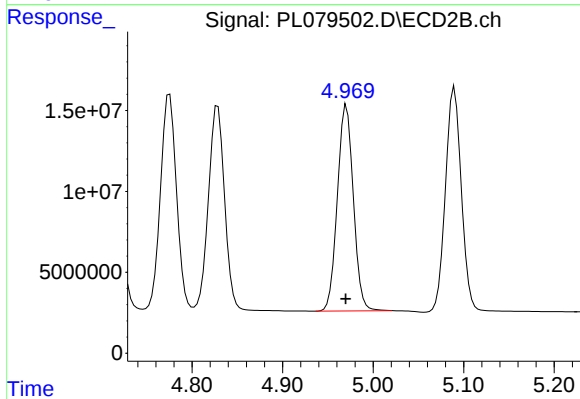
#11 alpha-Chlordane

R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 165724471  
Conc: 49.48 ng/ml



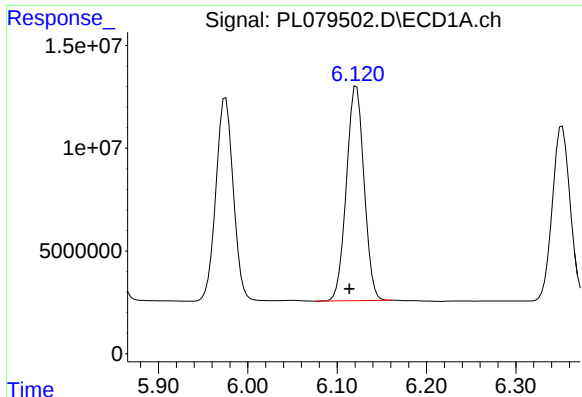
#12 4,4'-DDE

R.T.: 5.975 min  
Delta R.T.: 0.007 min  
Response: 132849268  
Conc: 53.17 ng/ml



#12 4,4'-DDE

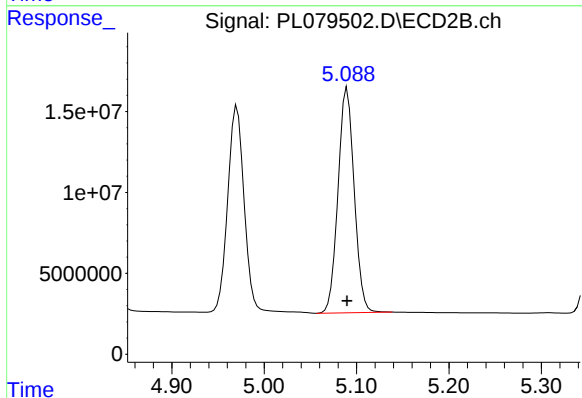
R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 156150406  
Conc: 50.93 ng/ml



#13 Dieldrin

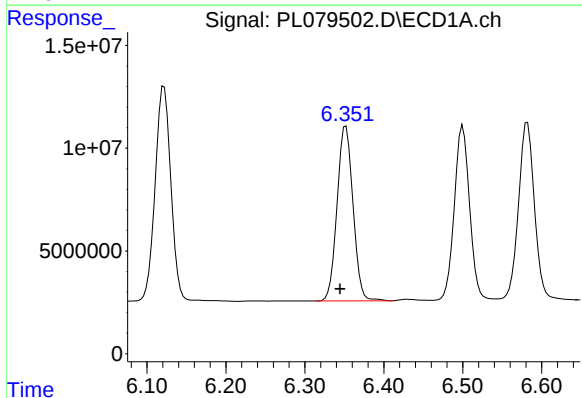
R.T.: 6.122 min  
Delta R.T.: 0.008 min  
Response: 143369980  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



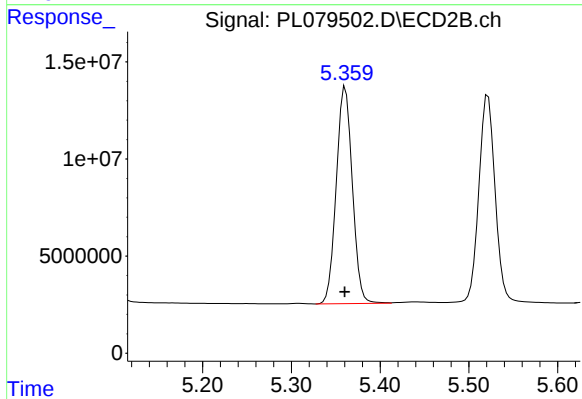
#13 Dieldrin

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 169261272  
Conc: 50.21 ng/ml



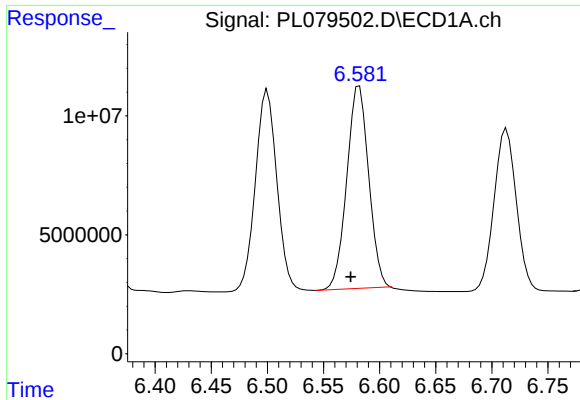
#14 Endrin

R.T.: 6.352 min  
Delta R.T.: 0.008 min  
Response: 119472007  
Conc: 49.39 ng/ml



#14 Endrin

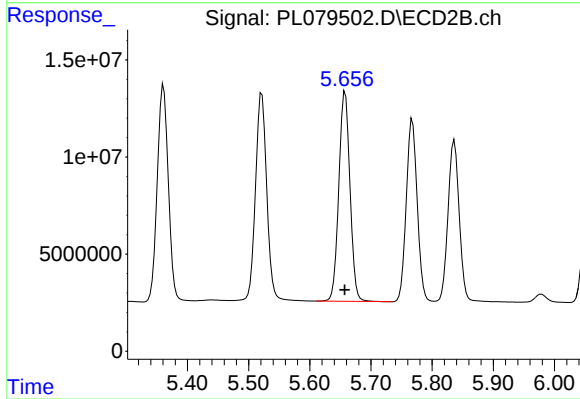
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 140531465  
Conc: 46.46 ng/ml



#15 Endosulfan II

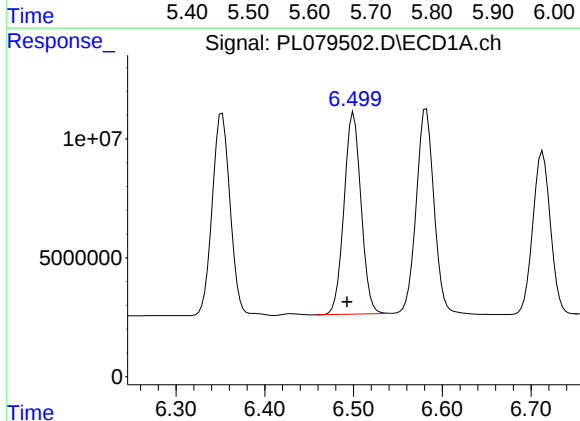
R.T.: 6.582 min  
Delta R.T.: 0.008 min  
Response: 115602610  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



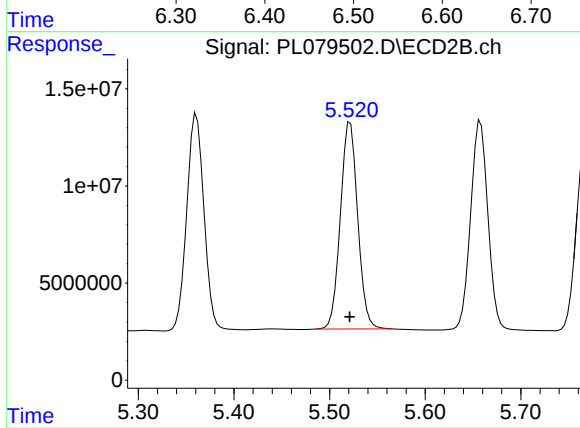
#15 Endosulfan II

R.T.: 5.658 min  
Delta R.T.: 0.001 min  
Response: 136993855  
Conc: 48.96 ng/ml



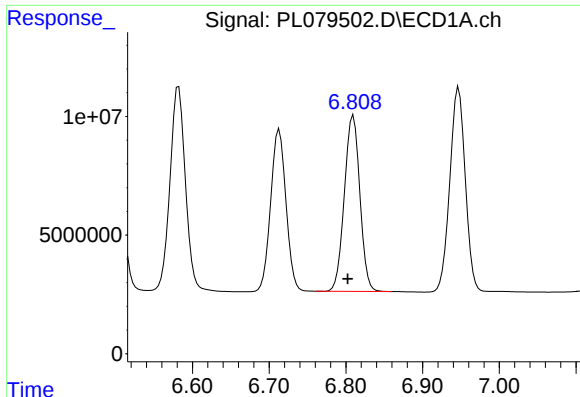
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: 0.007 min  
Response: 112742193  
Conc: 56.82 ng/ml



#16 4,4'-DDD

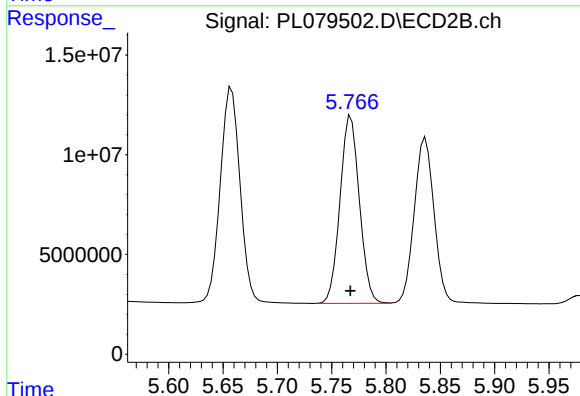
R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 134467556  
Conc: 53.75 ng/ml



#17 4,4'-DDT

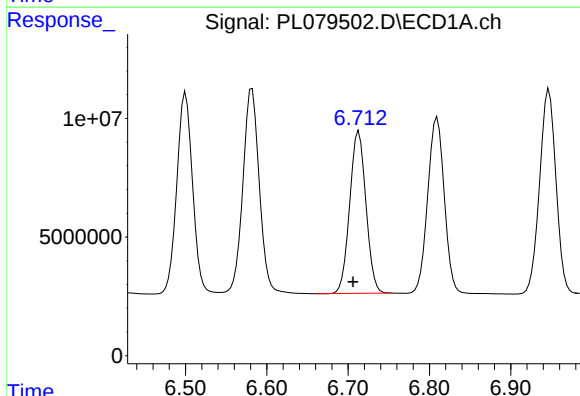
R.T.: 6.810 min  
Delta R.T.: 0.007 min  
Response: 104725197  
Conc: 46.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



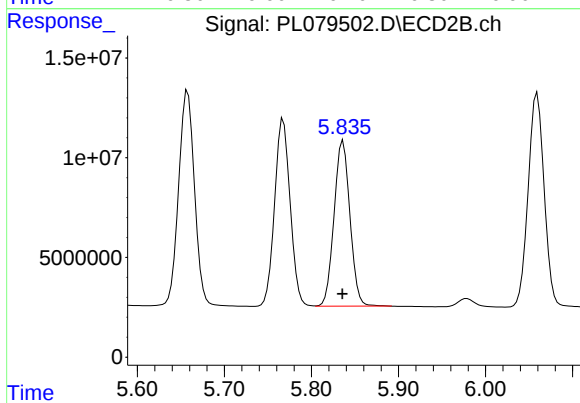
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 116799873  
Conc: 44.69 ng/ml



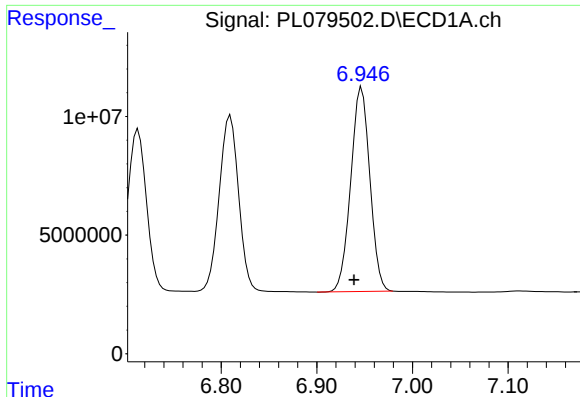
#18 Endrin aldehyde

R.T.: 6.713 min  
Delta R.T.: 0.007 min  
Response: 94594637  
Conc: 52.23 ng/ml



#18 Endrin aldehyde

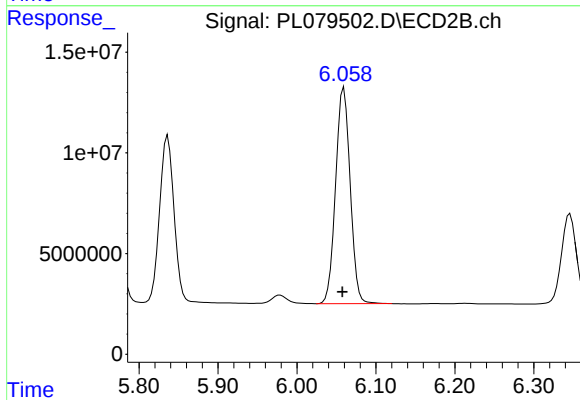
R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 105372832  
Conc: 49.51 ng/ml



#19 Endosulfan Sulfate

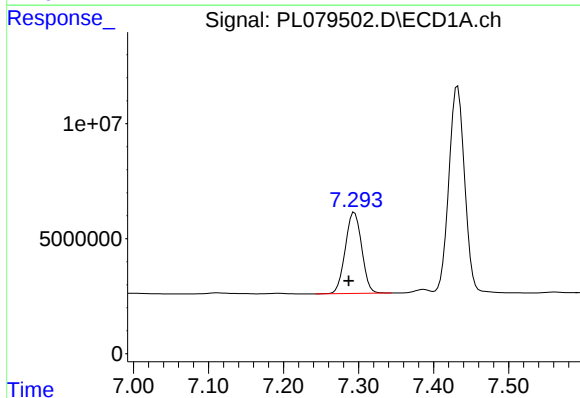
R.T.: 6.947 min  
Delta R.T.: 0.008 min  
Response: 119966650  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



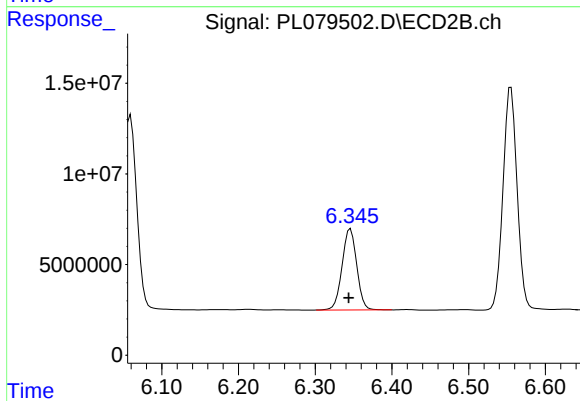
#19 Endosulfan Sulfate

R.T.: 6.059 min  
Delta R.T.: 0.002 min  
Response: 137630630  
Conc: 48.78 ng/ml



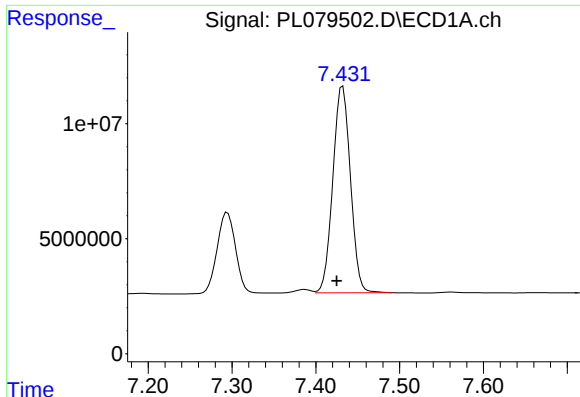
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.008 min  
Response: 53552012  
Conc: 44.39 ng/ml



#20 Methoxychlor

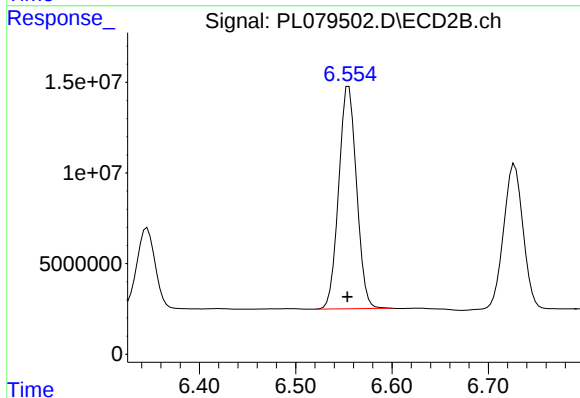
R.T.: 6.346 min  
Delta R.T.: 0.002 min  
Response: 59593876  
Conc: 43.85 ng/ml



#21 Endrin ketone

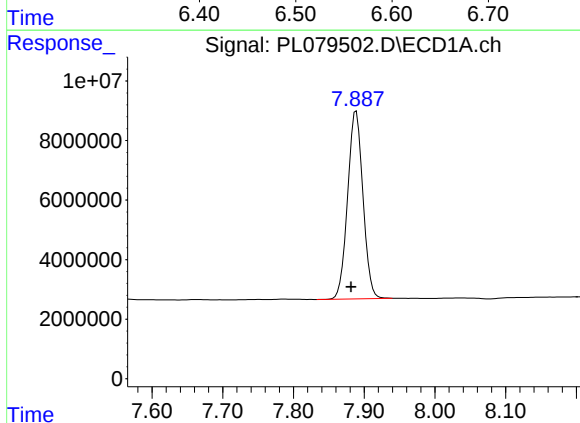
R.T.: 7.432 min  
Delta R.T.: 0.007 min  
Response: 130922437  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



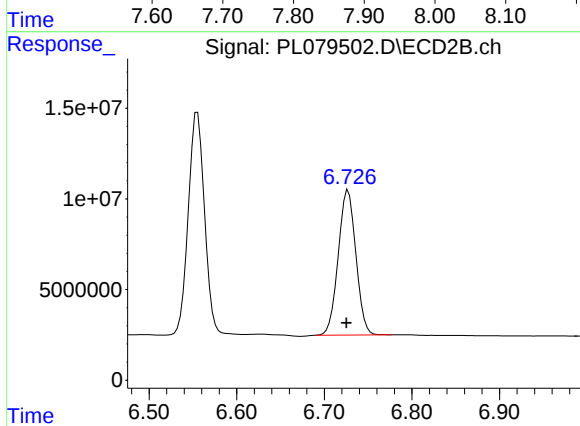
#21 Endrin ketone

R.T.: 6.555 min  
Delta R.T.: 0.002 min  
Response: 157821093  
Conc: 51.24 ng/ml



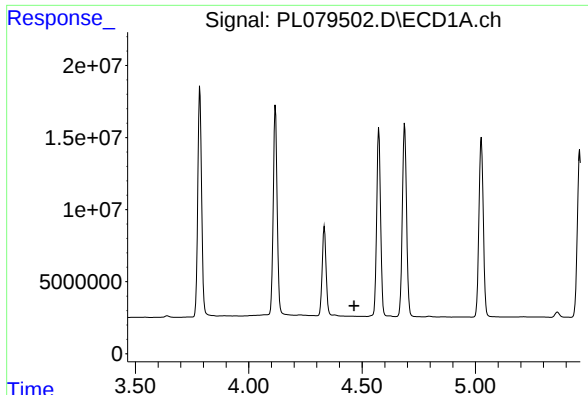
#22 Mirex

R.T.: 7.889 min  
Delta R.T.: 0.007 min  
Response: 94945048  
Conc: 50.13 ng/ml



#22 Mirex

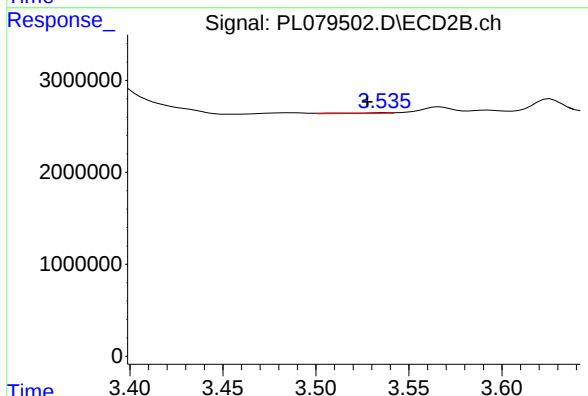
R.T.: 6.727 min  
Delta R.T.: 0.002 min  
Response: 111868117  
Conc: 47.30 ng/ml



#23 Chlordane-1

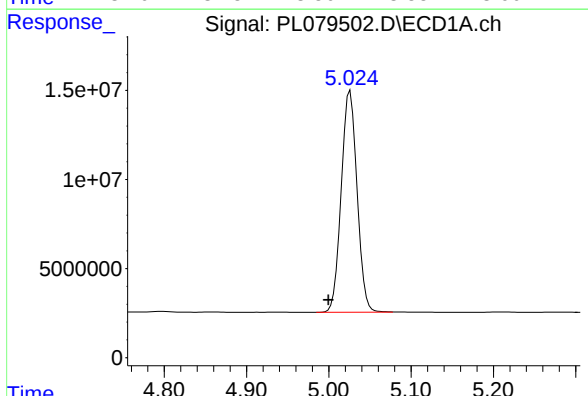
R.T.: 0.000 min  
Exp R.T.: 4.465 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



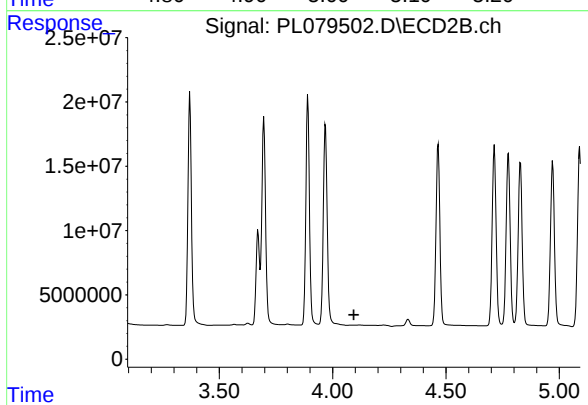
#23 Chlordane-1

R.T.: 3.537 min  
Delta R.T.: 0.010 min  
Response: 116446  
Conc: 1.09 ng/ml



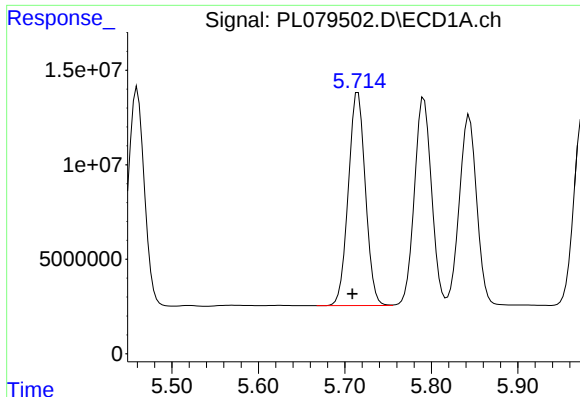
#24 Chlordane-2

R.T.: 5.026 min  
Delta R.T.: 0.027 min  
Response: 166413039  
Conc: 1579.28 ng/ml



#24 Chlordane-2

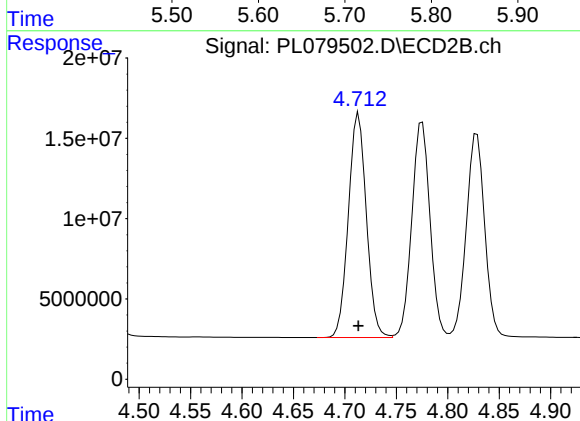
R.T.: 4.083 min  
Delta R.T.: -0.011 min  
Response: -269423  
Conc: N.D.



#25 Chlordane-3

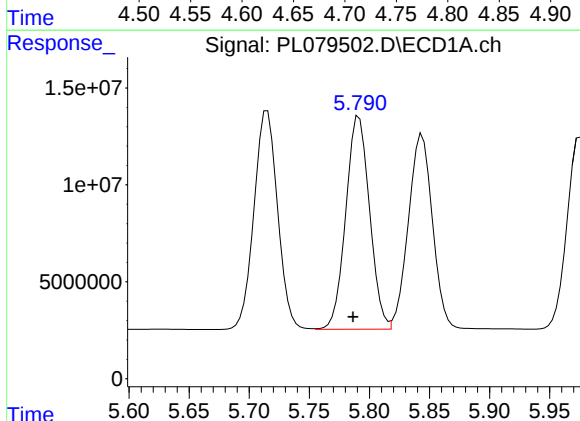
R.T.: 5.715 min  
Delta R.T.: 0.006 min  
Response: 154222318  
Conc: 371.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



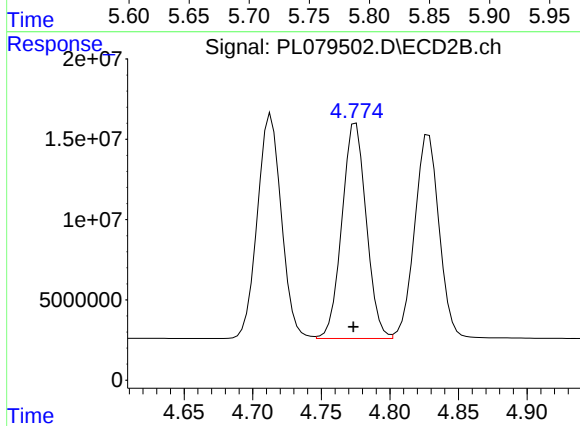
#25 Chlordane-3

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 170145946  
Conc: 508.96 ng/ml



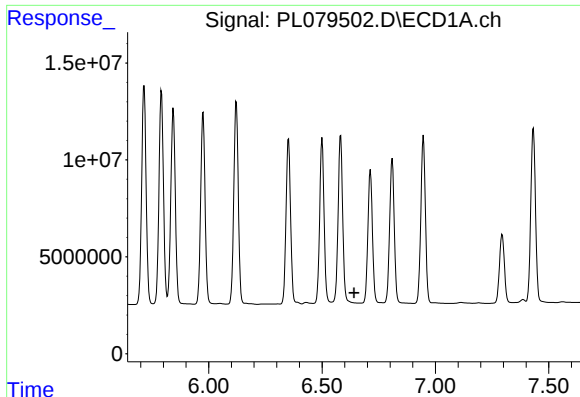
#26 Chlordane-4

R.T.: 5.791 min  
Delta R.T.: 0.005 min  
Response: 151731545  
Conc: 298.22 ng/ml



#26 Chlordane-4

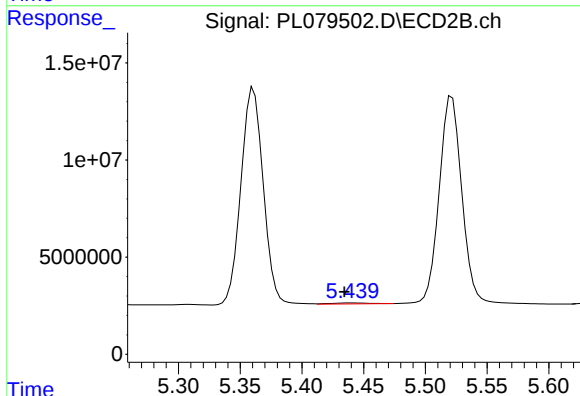
R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 165724471  
Conc: 457.34 ng/ml



#27 Chlordane-5

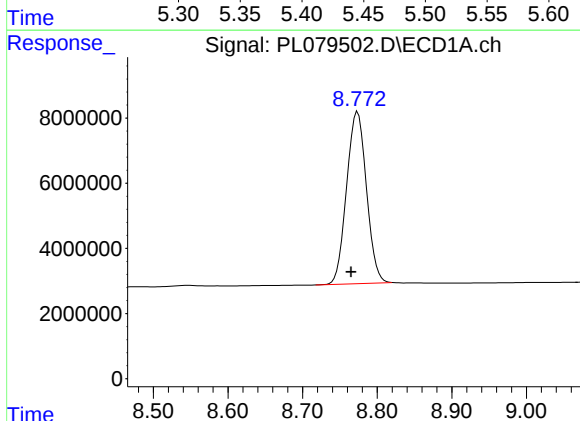
R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



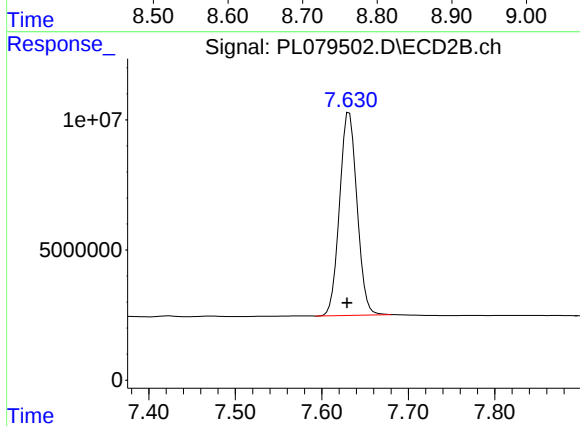
#27 Chlordane-5

R.T.: 5.440 min  
Delta R.T.: 0.006 min  
Response: 963735  
Conc: 10.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.774 min  
Delta R.T.: 0.009 min  
Response: 97661148  
Conc: 50.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.632 min  
Delta R.T.: 0.003 min  
Response: 108875437  
Conc: 46.34 ng/ml