

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040620\  
 Data File : PL057819.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2020 17:54  
 Operator : AJ\MA  
 Sample : PB128065BL  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 01:09:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.457  | 3.956  | 196.9E6 | 41969571 | 19.531   | 19.340     |
| 28)                         | SA Decachlor... | 8.204  | 8.977  | 185.4E6 | 44475097 | 17.988   | 19.910     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.894  | 4.343  | 837.5E6 | 155.2E6  | 48.208   | 47.274     |
| 3)                          | MA gamma-BHC... | 4.178  | 4.625  | 751.6E6 | 150.8E6  | 51.709   | 46.415     |
| 4)                          | MA Heptachlor   | 4.478  | 5.127  | 789.5E6 | 162.0E6  | 49.250   | 48.275     |
| 5)                          | MB Aldrin       | 4.725  | 5.428  | 738.7E6 | 157.0E6  | 50.168   | 48.485     |
| 6)                          | B beta-BHC      | 4.429  | 4.799  | 329.2E6 | 71201260 | 52.121   | 51.276     |
| 7)                          | B delta-BHC     | 4.633  | 5.013  | 730.9E6 | 136.5E6  | 48.158   | 54.394     |
| 8)                          | B Heptachlo...  | 5.168  | 5.813  | 663.8E6 | 146.1E6  | 49.394   | 54.090     |
| 9)                          | A Endosulfan I  | 5.507  | 6.168  | 607.4E6 | 142.4E6  | 49.554   | 47.768     |
| 10)                         | B gamma-Chl...  | 5.395  | 6.047  | 663.1E6 | 156.9E6  | 48.826   | 48.433     |
| 11)                         | B alpha-Chl...  | 5.453  | 6.119  | 636.9E6 | 154.4E6  | 47.829   | 47.184     |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.278  | 639.9E6 | 143.8E6  | 48.850   | 48.560     |
| 13)                         | MA Dieldrin     | 5.749  | 6.423  | 636.1E6 | 146.0E6  | 48.894   | 47.793     |
| 14)                         | MA Endrin       | 6.006  | 6.640  | 531.2E6 | 113.2E6  | 45.504   | 45.293     |
| 15)                         | B Endosulfa...  | 6.280  | 6.851  | 503.1E6 | 116.0E6  | 45.475   | 44.736     |
| 16)                         | A 4,4'-DDD      | 6.132  | 6.767  | 481.7E6 | 109.9E6  | 48.199   | 48.156     |
| 17)                         | MA 4,4'-DDT     | 6.372  | 7.063  | 459.3E6 | 100.4E6  | 45.250   | 45.083     |
| 18)                         | B Endrin al...  | 6.447  | 6.974  | 429.4E6 | 103.0E6  | 45.930   | 46.354     |
| 19)                         | B Endosulfa...  | 6.661  | 7.196  | 482.2E6 | 112.1E6  | 47.460   | 47.249     |
| 20)                         | A Methoxychlor  | 6.917  | 7.522  | 232.8E6 | 55037856 | 42.230   | 43.268     |
| 21)                         | B Endrin ke...  | 7.150  | 7.664  | 534.6E6 | 118.6E6  | 48.017   | 47.982     |
| 22)                         | Mirex           | 7.338  | 8.114  | 374.9E6 | 87997884 | 45.732   | 47.861     |
| 23)                         | Chlordane-1     | 4.354f | 0.000  | 2890120 | 0        | 7.814    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829  | 5.428f | 2826683 | 157.0E6  | 7.002    | 1504.457 # |
| 25)                         | Chlordane-3     | 5.395  | 6.047  | 663.1E6 | 156.9E6  | 542.373  | 362.669 #  |
| 26)                         | Chlordane-4     | 5.453  | 6.119  | 636.9E6 | 154.4E6  | 612.254  | 294.135 #  |
| 27)                         | Chlordane-5     | 6.280  | 0.000  | 503.1E6 | 0        | 1329.858 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

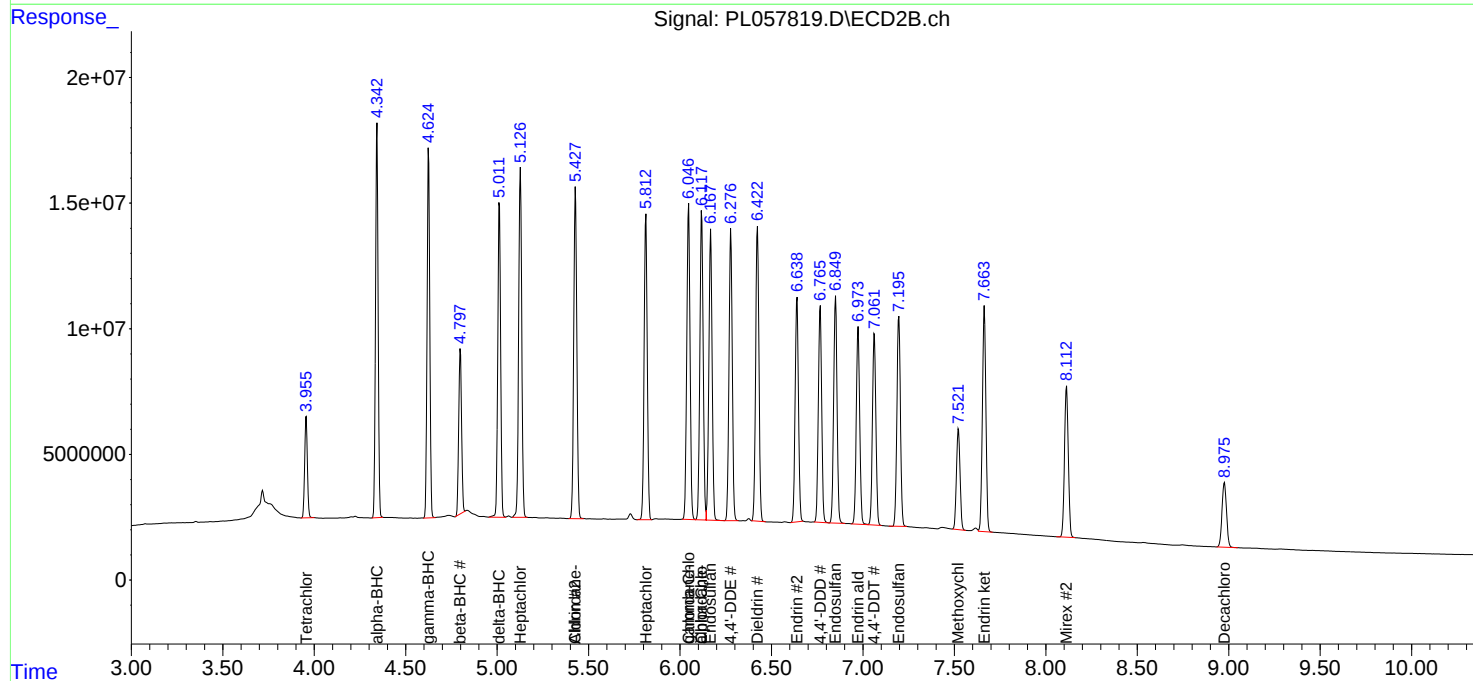
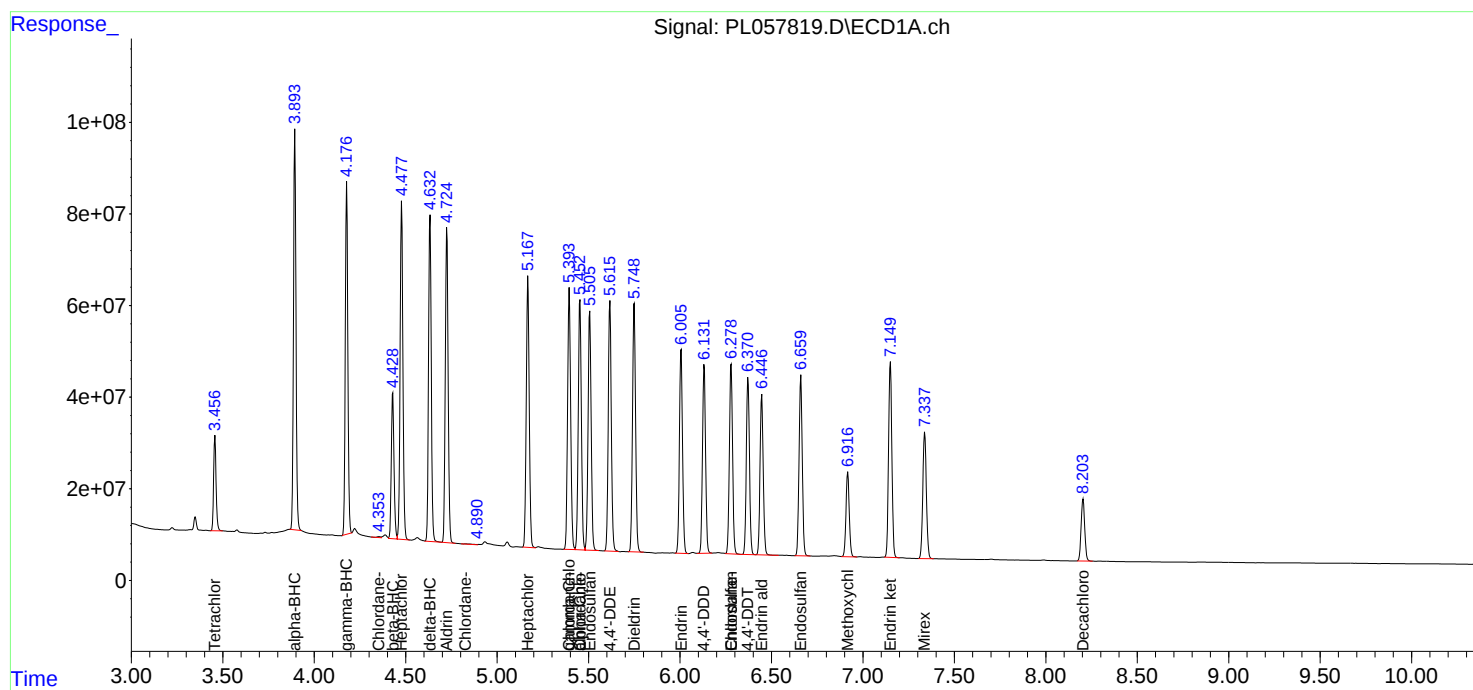
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

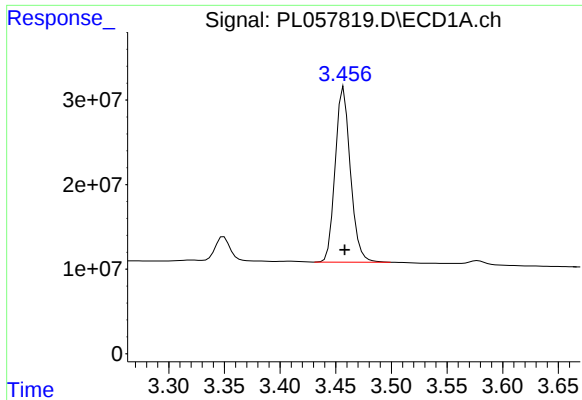
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040620\  
Data File : PL057819.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Apr 2020 17:54  
Operator : AJ\MA  
Sample : PB128065BL  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 01:09:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
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

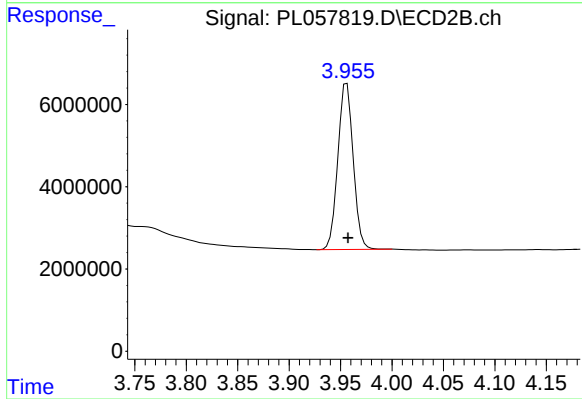




#1 Tetrachloro-m-xylene

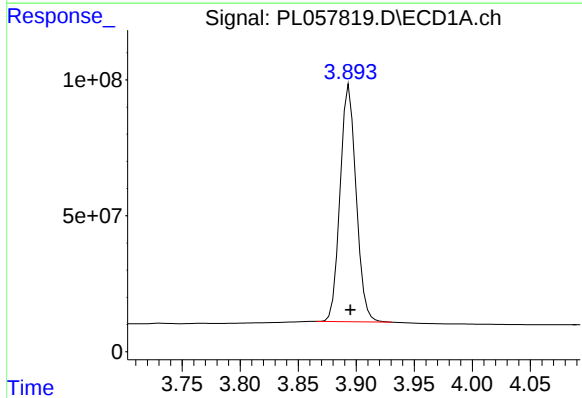
R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 196893503  
Conc: 19.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



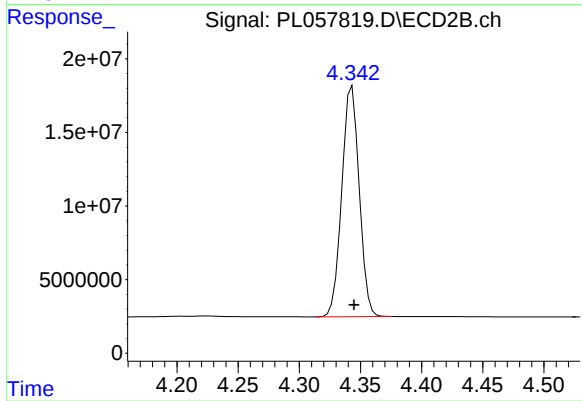
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 41969571  
Conc: 19.34 ng/ml



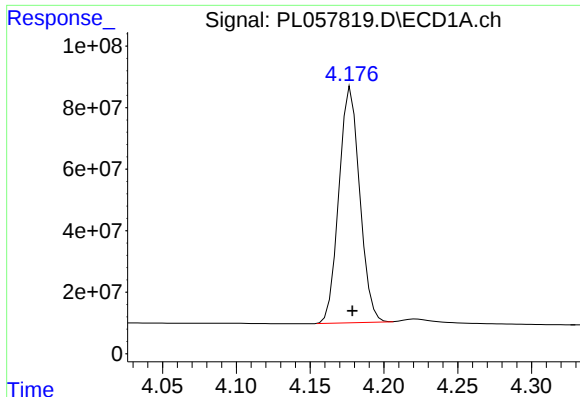
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 837470329  
Conc: 48.21 ng/ml



#2 alpha-BHC

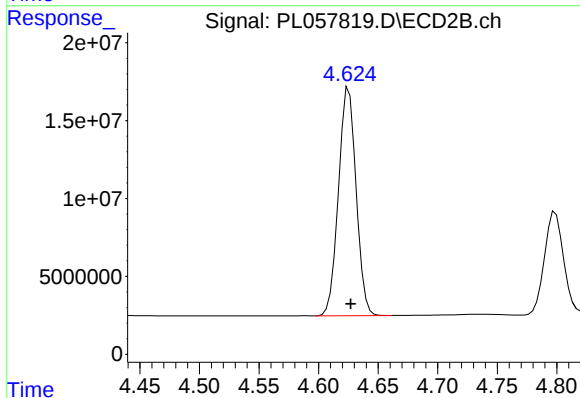
R.T.: 4.343 min  
Delta R.T.: -0.001 min  
Response: 155231080  
Conc: 47.27 ng/ml



#3 gamma-BHC (Lindane)

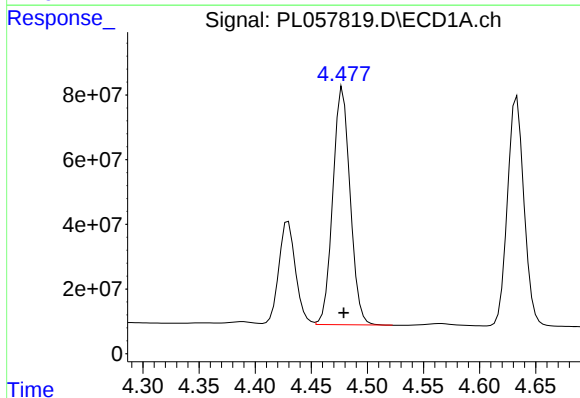
R.T.: 4.178 min  
Delta R.T.: -0.001 min  
Response: 751604626  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



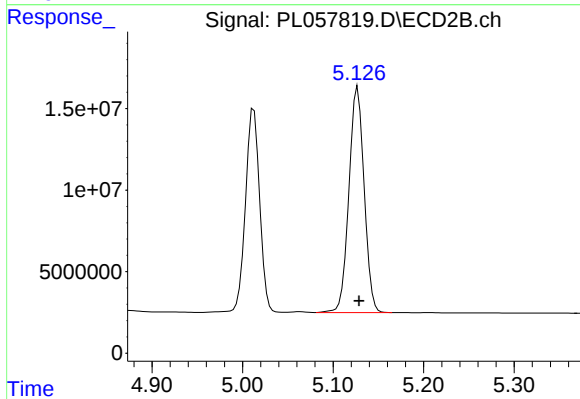
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.001 min  
Response: 150783111  
Conc: 46.42 ng/ml



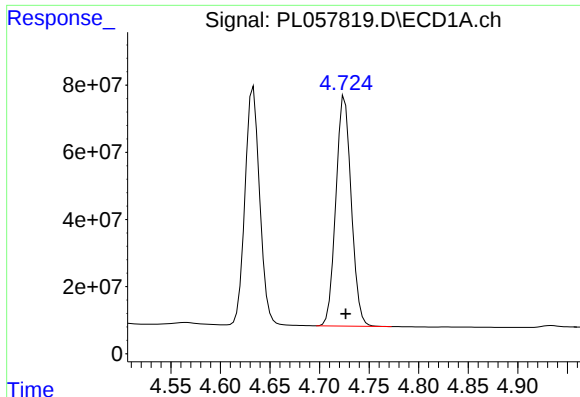
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 789490255  
Conc: 49.25 ng/ml



#4 Heptachlor

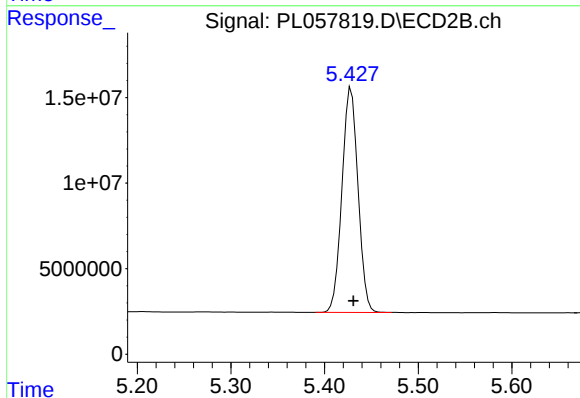
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 162018978  
Conc: 48.28 ng/ml



#5 Aldrin

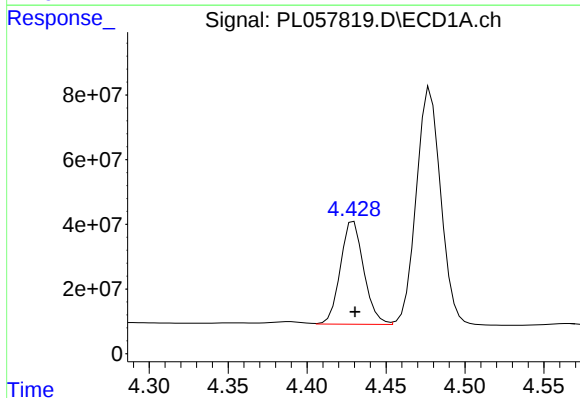
R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 738720107  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



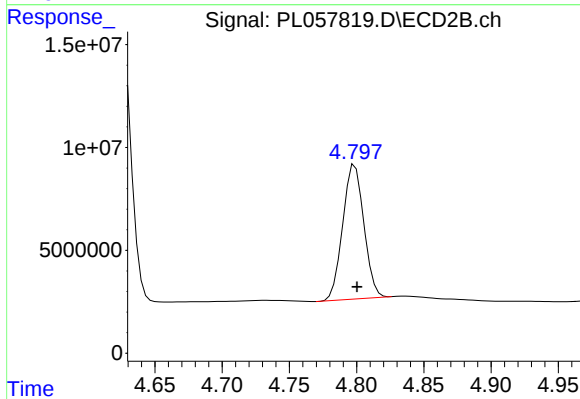
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.002 min  
Response: 157003028  
Conc: 48.48 ng/ml



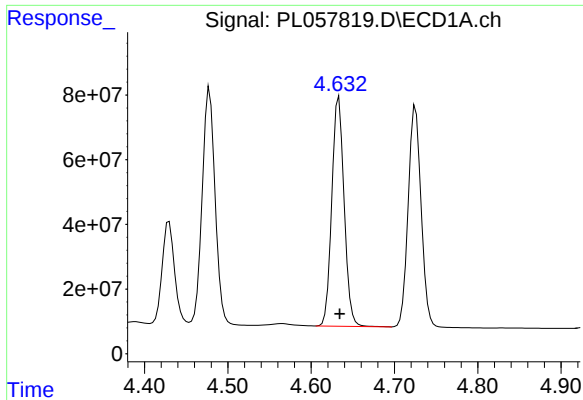
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 329161297  
Conc: 52.12 ng/ml



#6 beta-BHC

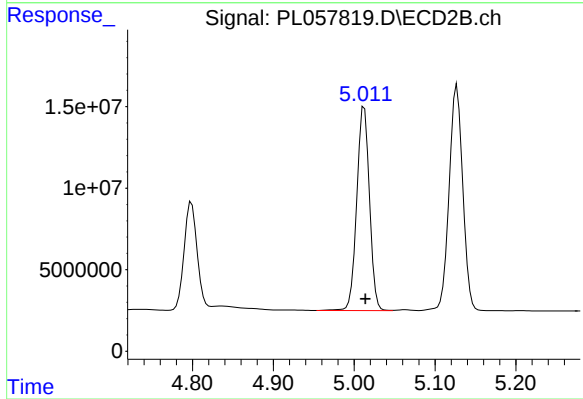
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 71201260  
Conc: 51.28 ng/ml



#7 delta-BHC

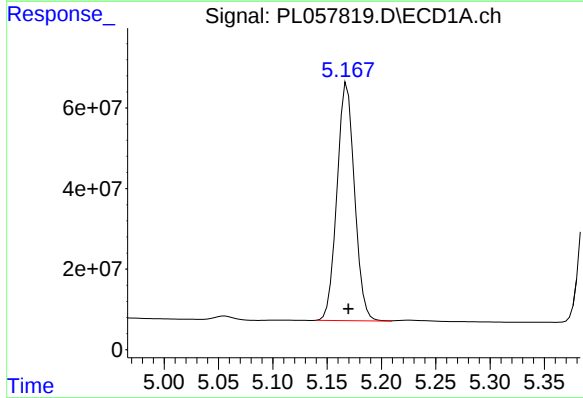
R.T.: 4.633 min  
Delta R.T.: -0.001 min  
Response: 730859298  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



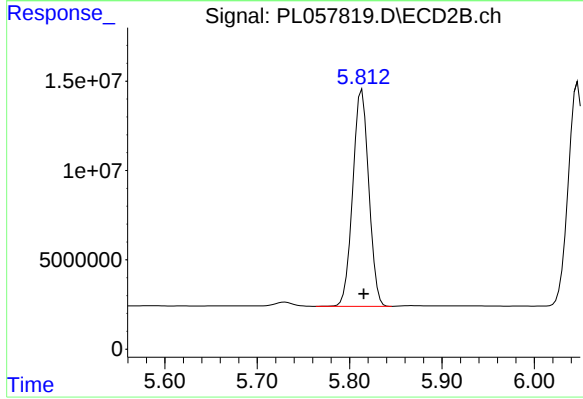
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: -0.002 min  
Response: 136457937  
Conc: 54.39 ng/ml



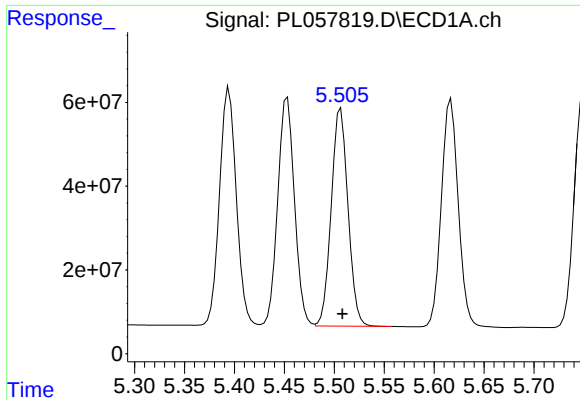
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.001 min  
Response: 663848284  
Conc: 49.39 ng/ml



#8 Heptachlor epoxide

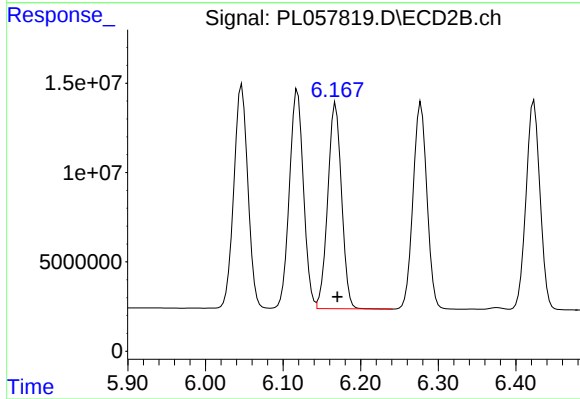
R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 146061394  
Conc: 54.09 ng/ml



#9 Endosulfan I

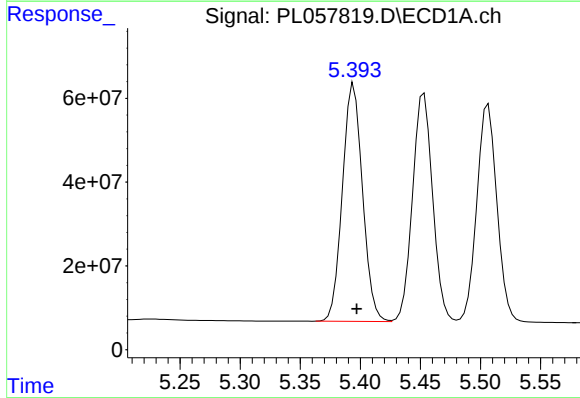
R.T.: 5.507 min  
Delta R.T.: -0.002 min  
Response: 607360439  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



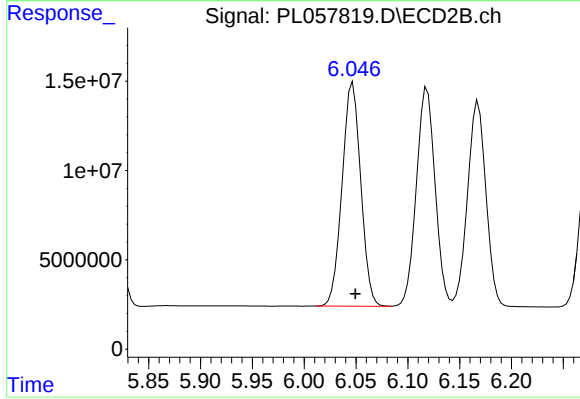
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 142433862  
Conc: 47.77 ng/ml



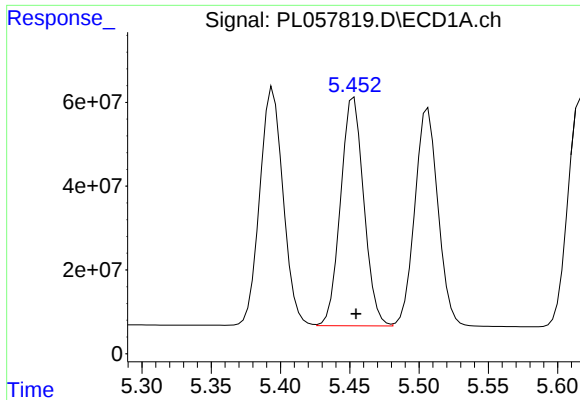
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: -0.002 min  
Response: 663112532  
Conc: 48.83 ng/ml



#10 gamma-Chlordane

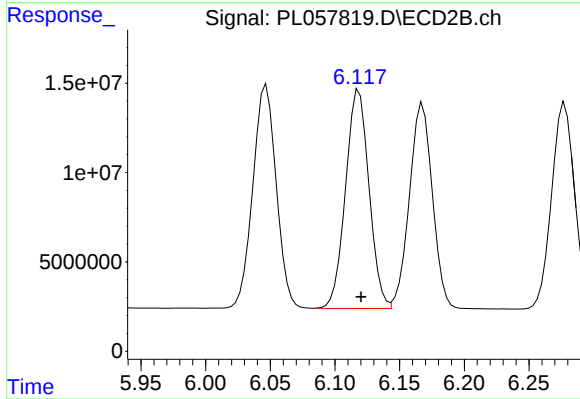
R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 156917303  
Conc: 48.43 ng/ml



#11 alpha-Chlordane

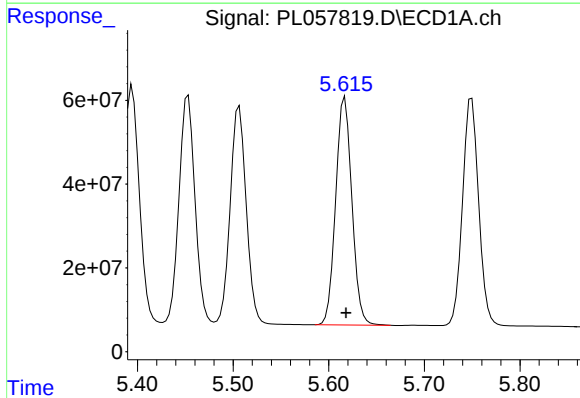
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 636872227  
Conc: 47.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



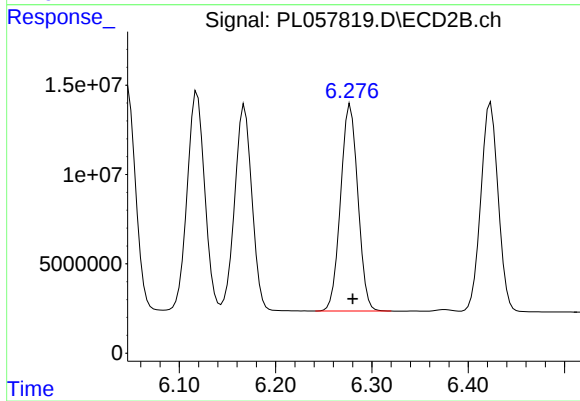
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 154402626  
Conc: 47.18 ng/ml



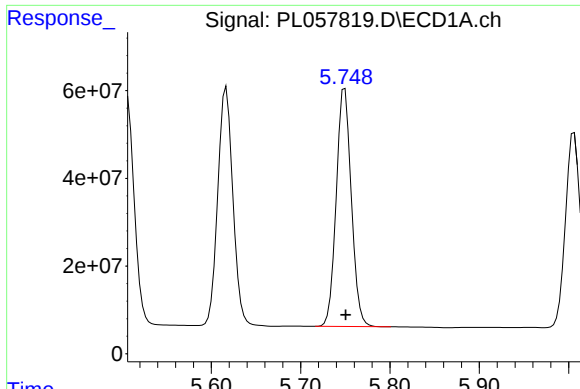
#12 4,4'-DDE

R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 639933571  
Conc: 48.85 ng/ml



#12 4,4'-DDE

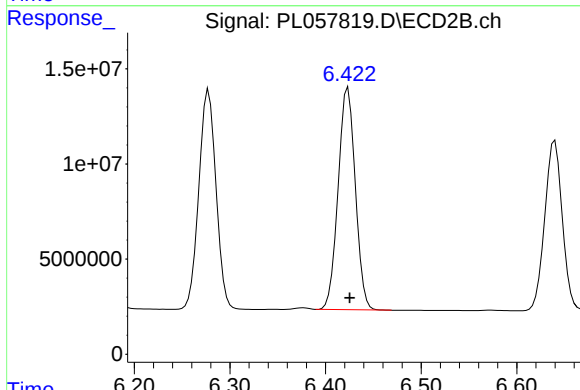
R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 143770070  
Conc: 48.56 ng/ml



#13 Dieldrin

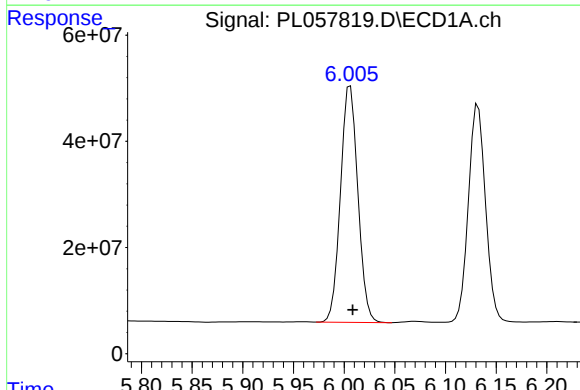
R.T.: 5.749 min  
Delta R.T.: -0.001 min  
Response: 636066253  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



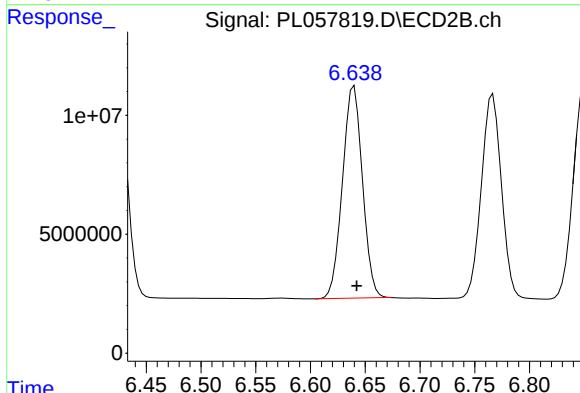
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.002 min  
Response: 146037570  
Conc: 47.79 ng/ml



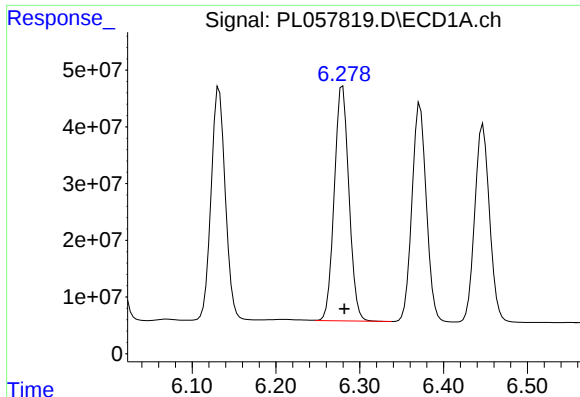
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.002 min  
Response: 531162132  
Conc: 45.50 ng/ml



#14 Endrin

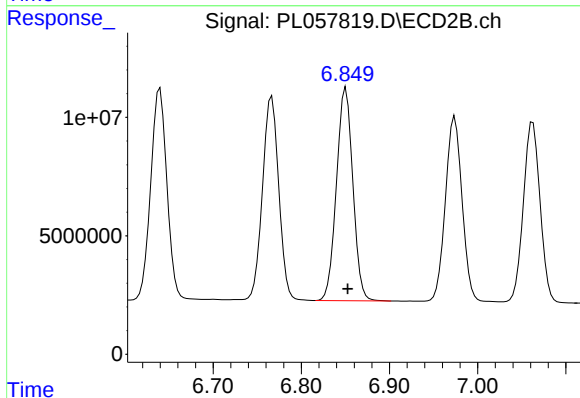
R.T.: 6.640 min  
Delta R.T.: -0.003 min  
Response: 113165850  
Conc: 45.29 ng/ml



#15 Endosulfan II

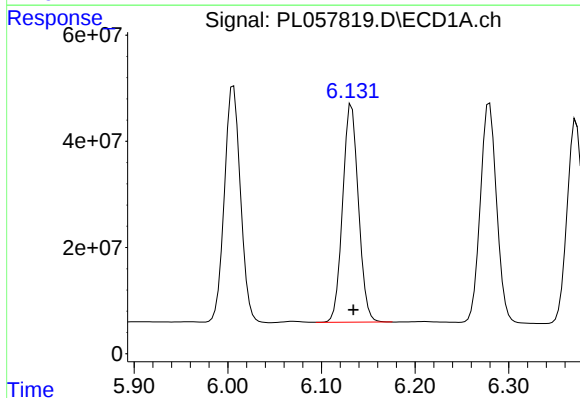
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 503052196  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



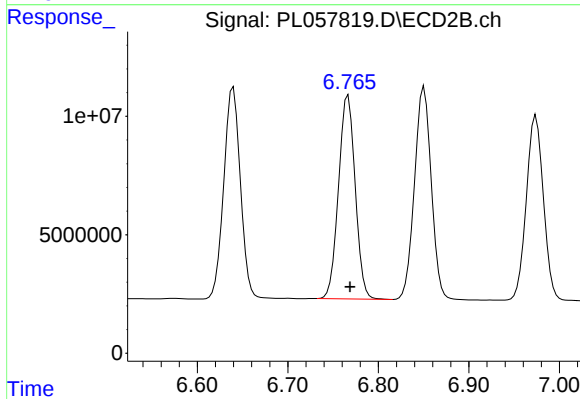
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 116030044  
Conc: 44.74 ng/ml



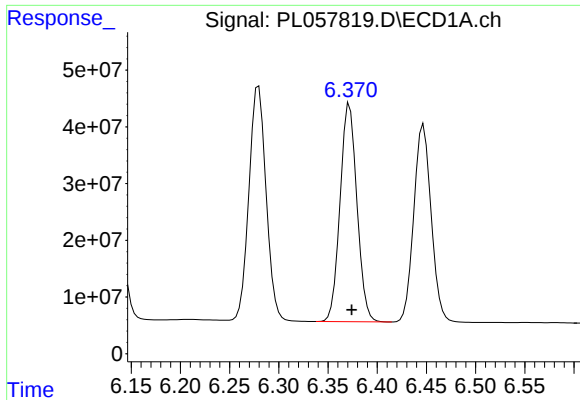
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 481728006  
Conc: 48.20 ng/ml



#16 4,4'-DDD

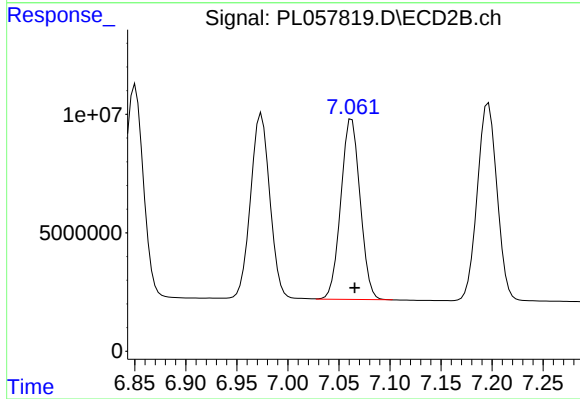
R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 109899942  
Conc: 48.16 ng/ml



#17 4,4'-DDT

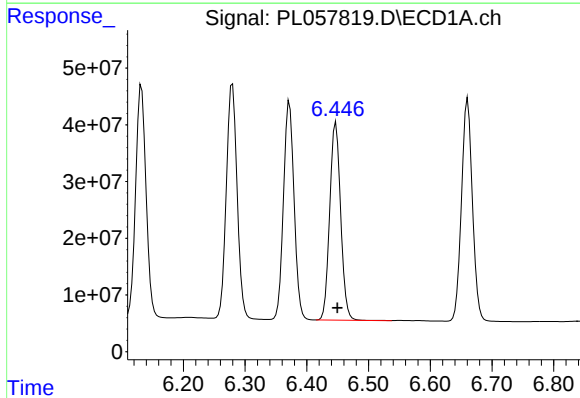
R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 459266157  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



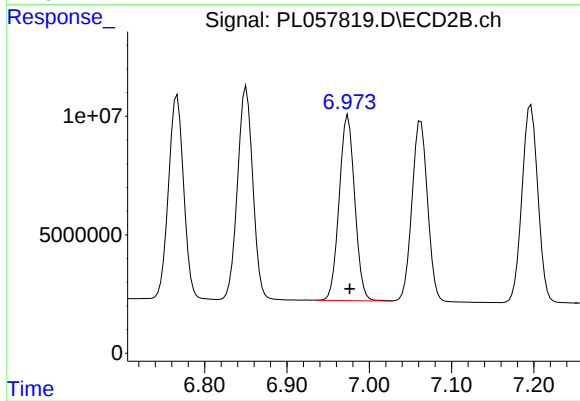
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.003 min  
Response: 100417140  
Conc: 45.08 ng/ml



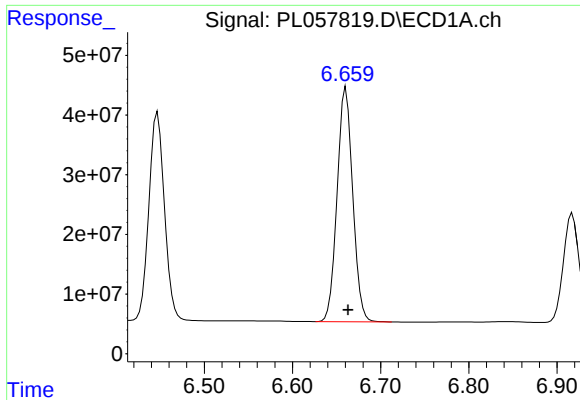
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 429424613  
Conc: 45.93 ng/ml



#18 Endrin aldehyde

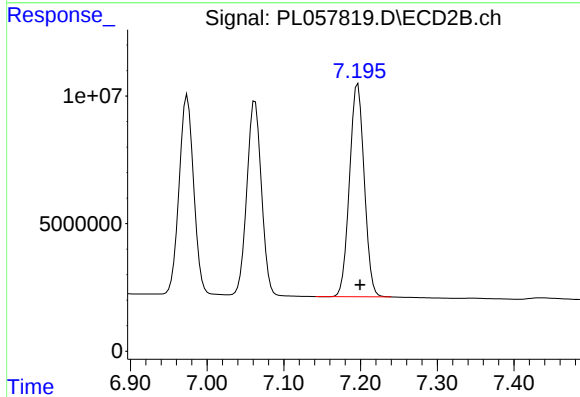
R.T.: 6.974 min  
Delta R.T.: -0.002 min  
Response: 102982225  
Conc: 46.35 ng/ml



#19 Endosulfan Sulfate

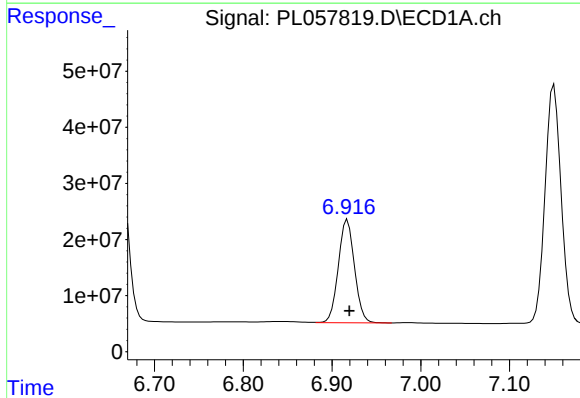
R.T.: 6.661 min  
Delta R.T.: -0.002 min  
Response: 482183409  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



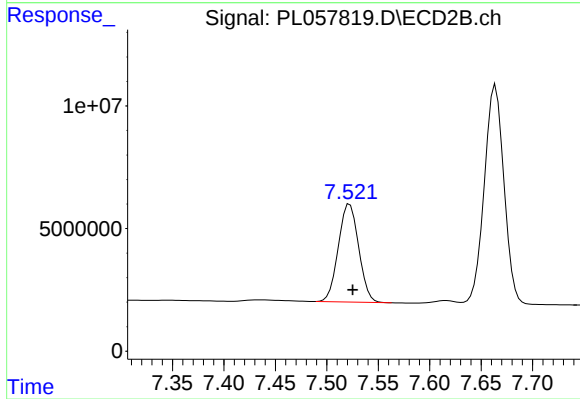
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.003 min  
Response: 112124334  
Conc: 47.25 ng/ml



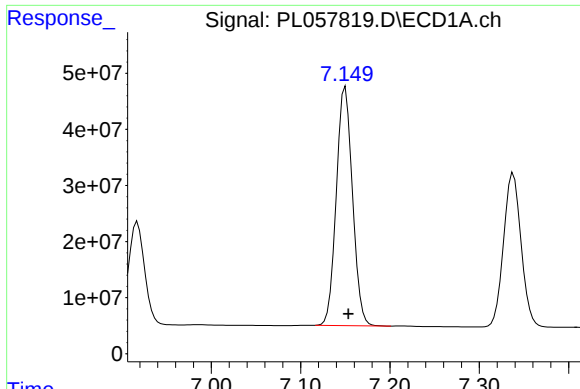
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.002 min  
Response: 232800056  
Conc: 42.23 ng/ml



#20 Methoxychlor

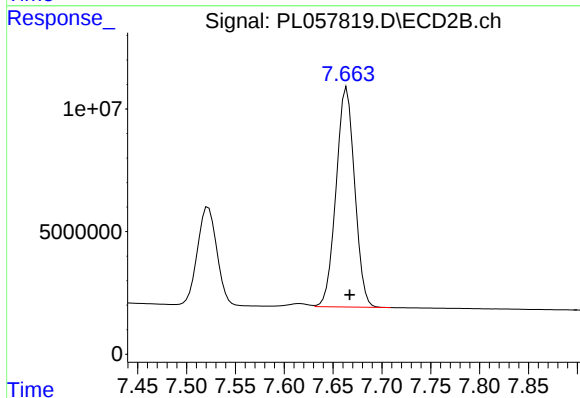
R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 55037856  
Conc: 43.27 ng/ml



#21 Endrin ketone

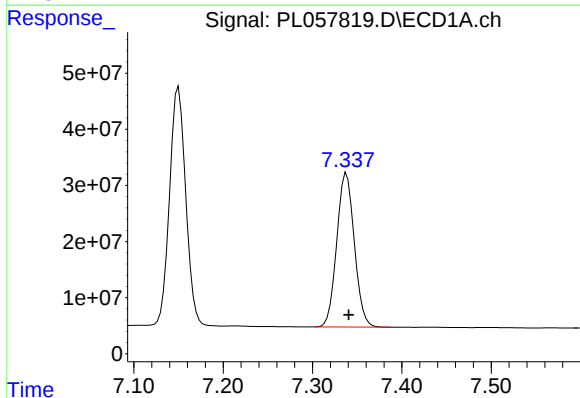
R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 534563422  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



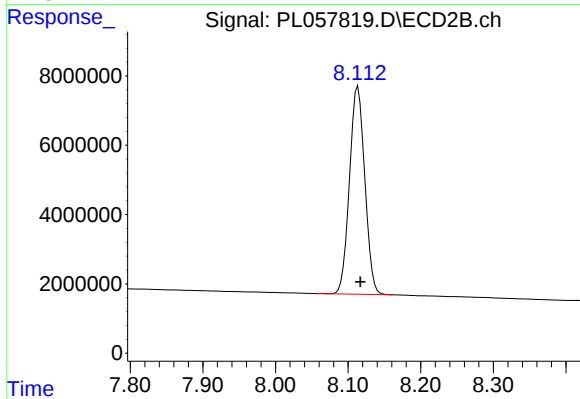
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.003 min  
Response: 118611472  
Conc: 47.98 ng/ml



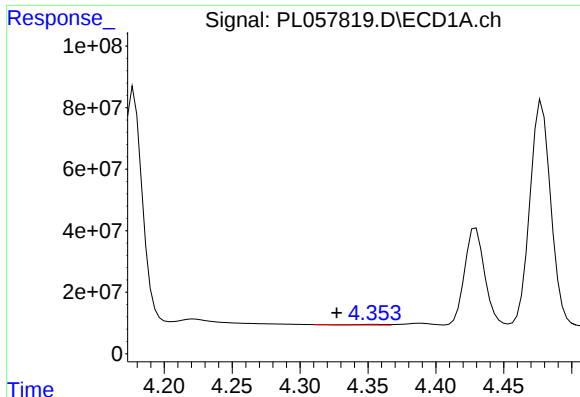
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.002 min  
Response: 374870288  
Conc: 45.73 ng/ml



#22 Mirex

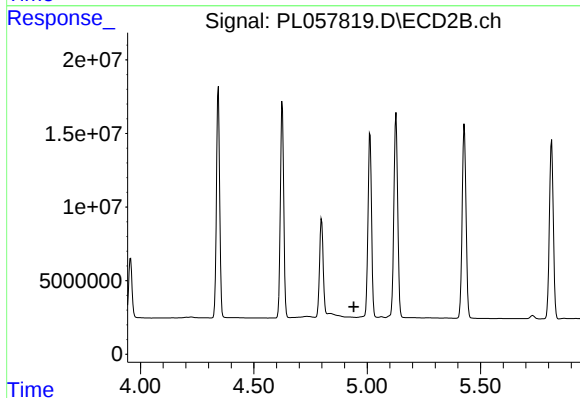
R.T.: 8.114 min  
Delta R.T.: -0.003 min  
Response: 87997884  
Conc: 47.86 ng/ml



#23 Chlordane-1

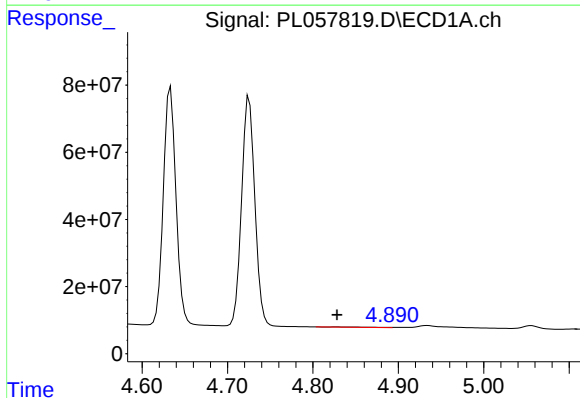
R.T.: 4.354 min  
Delta R.T.: 0.028 min  
Response: 2890120  
Conc: 7.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



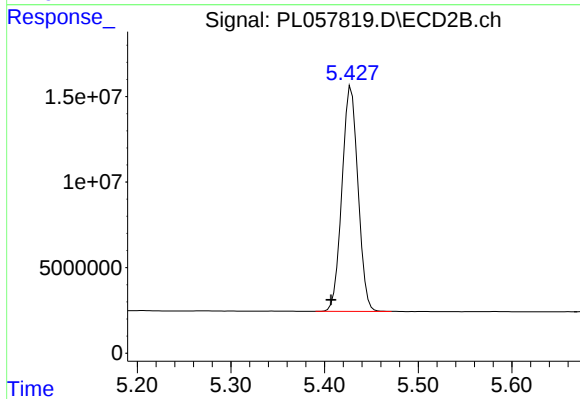
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



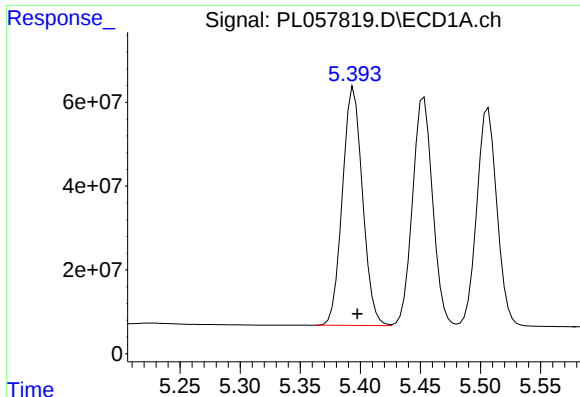
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 2826683  
Conc: 7.00 ng/ml



#24 Chlordane-2

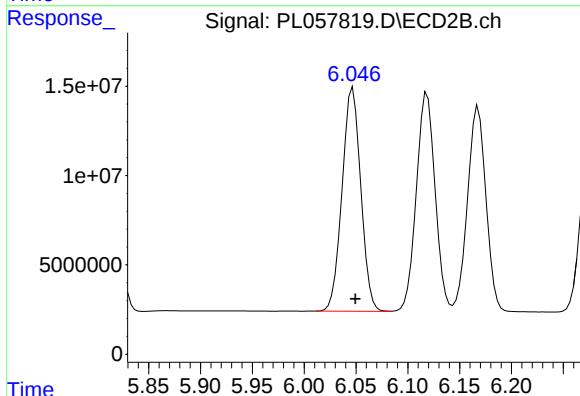
R.T.: 5.428 min  
Delta R.T.: 0.021 min  
Response: 157003028  
Conc: 1504.46 ng/ml



#25 Chlordane-3

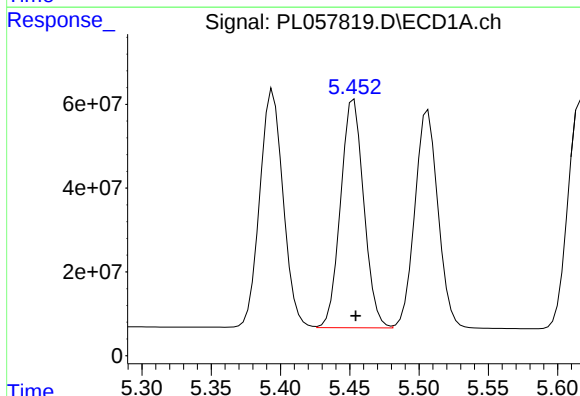
R.T.: 5.395 min  
Delta R.T.: -0.003 min  
Response: 663112532  
Conc: 542.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



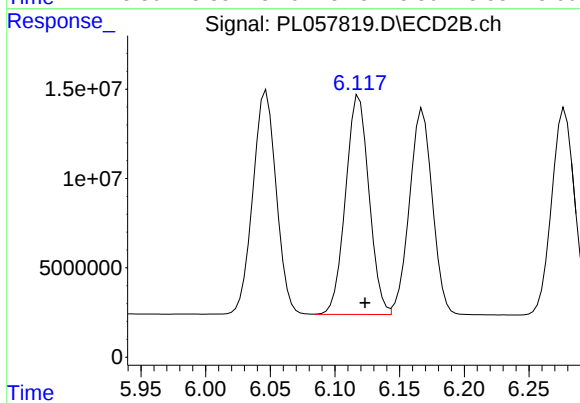
#25 Chlordane-3

R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 156917303  
Conc: 362.67 ng/ml



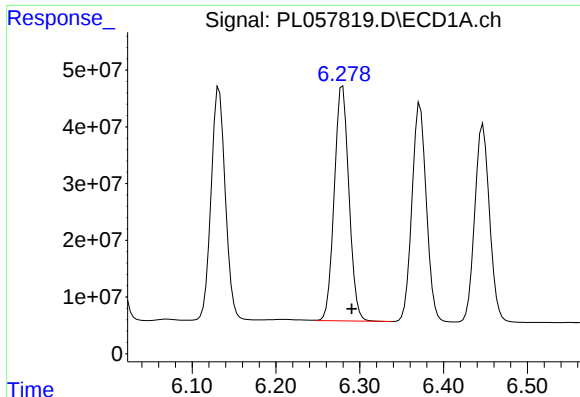
#26 Chlordane-4

R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 636872227  
Conc: 612.25 ng/ml



#26 Chlordane-4

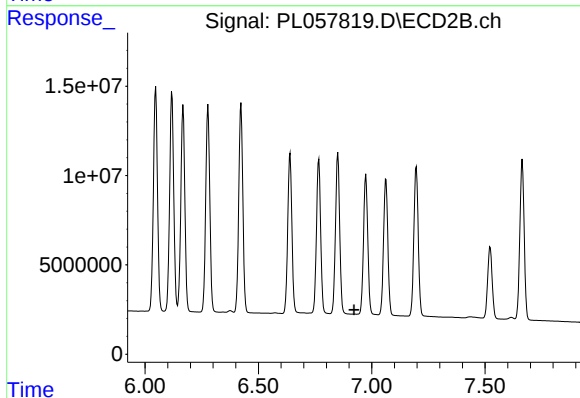
R.T.: 6.119 min  
Delta R.T.: -0.005 min  
Response: 154402626  
Conc: 294.14 ng/ml



#27 Chlordane-5

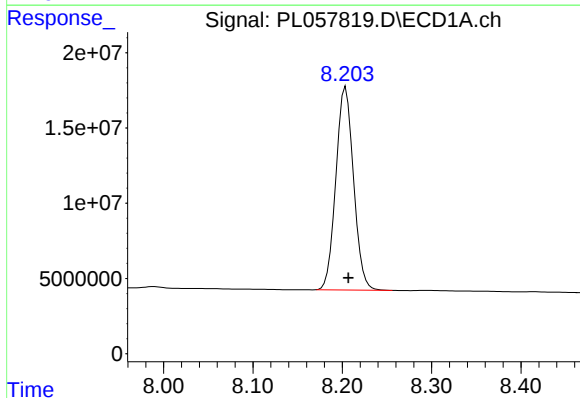
R.T.: 6.280 min  
Delta R.T.: -0.011 min  
Response: 503052196  
Conc: 1329.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



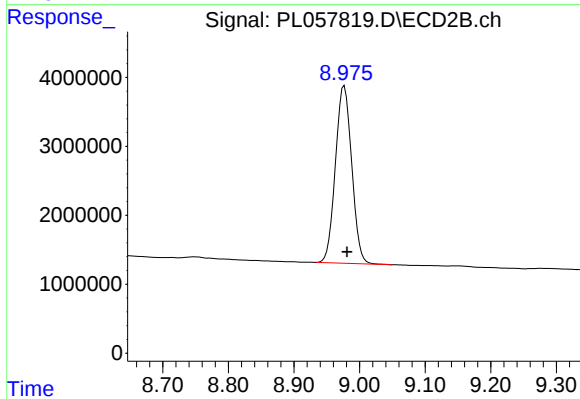
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 185431947  
Conc: 17.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.004 min  
Response: 44475097  
Conc: 19.91 ng/ml