

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
 Data File : PL059199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2020 15:06  
 Operator : AJ\MA  
 Sample : PB129422BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 15:35:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.520  | 4.071  | 35661099 | 52792039 | 20.651   | 20.290     |
| 28)                         | SA Decachlor... | 8.293  | 9.182  | 33502967 | 46588336 | 20.374   | 19.653     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.961  | 4.464  | 131.8E6  | 186.2E6  | 52.631   | 48.437     |
| 3)                          | MA gamma-BHC... | 4.246  | 4.751  | 115.1E6  | 176.1E6  | 52.498   | 48.251     |
| 4)                          | MA Heptachlor   | 4.552  | 5.266  | 106.9E6  | 167.9E6  | 51.363   | 48.689     |
| 5)                          | MB Aldrin       | 4.802  | 5.573  | 92914541 | 153.4E6  | 52.168   | 48.748     |
| 6)                          | B beta-BHC      | 4.495  | 4.919  | 47497332 | 75965699 | 49.986   | 50.235     |
| 7)                          | B delta-BHC     | 4.702  | 5.139  | 84399344 | 134.3E6  | 42.409   | 47.863     |
| 8)                          | B Heptachlo...  | 5.246  | 5.961  | 87801092 | 145.1E6  | 51.401   | 52.385     |
| 9)                          | A Endosulfan I  | 5.587  | 6.320  | 80494328 | 133.4E6  | 51.459   | 47.665     |
| 10)                         | B gamma-Chl...  | 5.474  | 6.196  | 86099504 | 144.0E6  | 51.419   | 48.110     |
| 11)                         | B alpha-Chl...  | 5.533  | 6.269  | 85497687 | 144.4E6  | 51.250   | 47.511     |
| 12)                         | B 4,4'-DDE      | 5.696  | 6.423  | 78576959 | 132.8E6  | 51.672   | 47.704     |
| 13)                         | MA Dieldrin     | 5.830  | 6.578  | 82828416 | 137.6E6  | 50.821   | 47.136     |
| 14)                         | MA Endrin       | 6.088  | 6.797  | 70766336 | 108.7E6  | 46.706   | 43.658     |
| 15)                         | B Endosulfa...  | 6.360  | 7.005  | 77929866 | 122.9E6  | 50.421   | 47.184     |
| 16)                         | A 4,4'-DDD      | 6.212  | 6.914  | 69590478 | 112.2E6  | 52.641   | 48.339     |
| 17)                         | MA 4,4'-DDT     | 6.454  | 7.214  | 62127637 | 101.0E6  | 49.251   | 44.340     |
| 18)                         | B Endrin al...  | 6.529  | 7.129  | 66172911 | 106.2E6  | 50.257   | 46.450     |
| 19)                         | B Endosulfa...  | 6.742  | 7.352  | 73158908 | 113.0E6  | 49.108   | 45.095     |
| 20)                         | A Methoxychlor  | 7.000  | 7.672  | 36843051 | 57876115 | 47.964   | 43.891     |
| 21)                         | B Endrin ke...  | 7.234  | 7.826  | 90119414 | 128.6E6  | 51.901   | 49.023     |
| 22)                         | Mirex           | 7.428  | 8.283  | 67447043 | 93880783 | 48.869   | 47.589     |
| 23)                         | Chlordane-1     | 4.423f | 0.000  | 574232   | 0        | 11.416   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.573f | 0        | 153.4E6  | N.D.     | 1607.987 # |
| 25)                         | Chlordane-3     | 5.474  | 6.196  | 86099504 | 144.0E6  | 582.666  | 383.881 #  |
| 26)                         | Chlordane-4     | 5.533  | 6.269  | 85497687 | 144.4E6  | 712.706  | 317.329 #  |
| 27)                         | Chlordane-5     | 6.360  | 0.000  | 77929866 | 0        | 1566.015 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

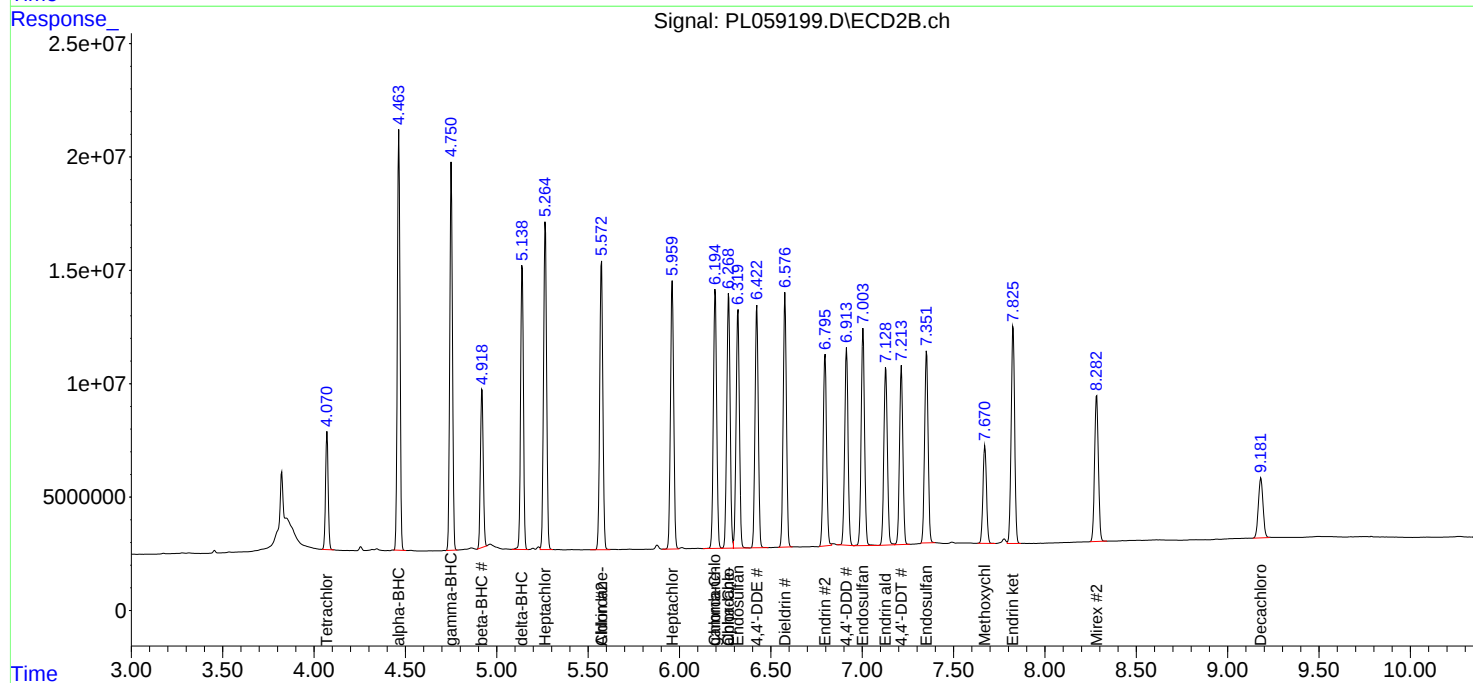
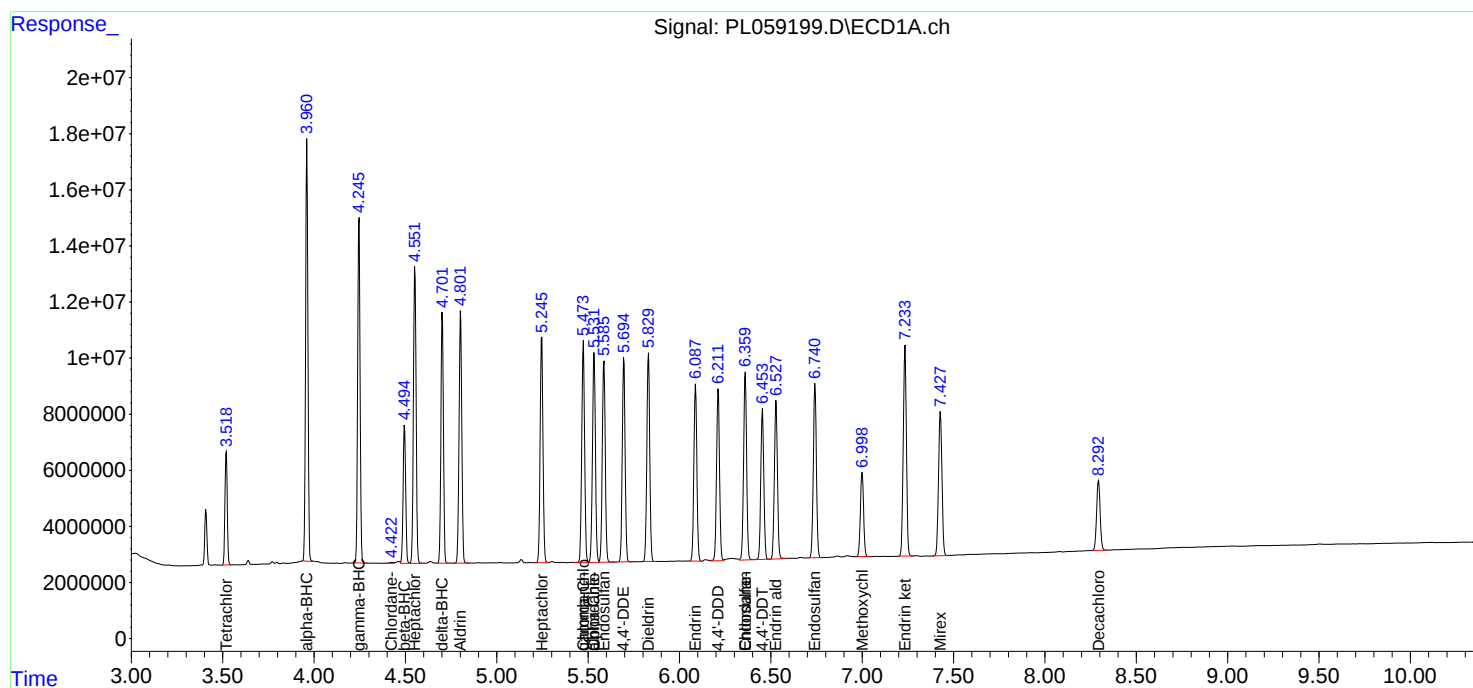
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

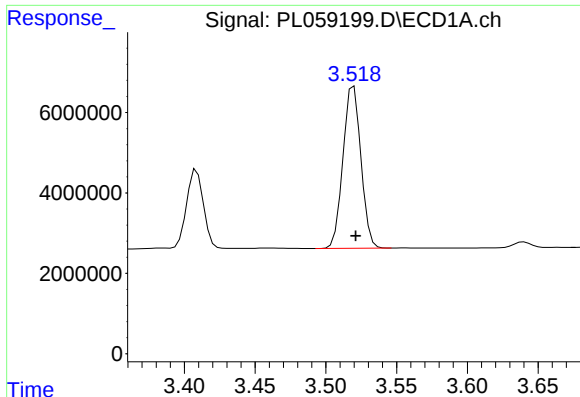
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
Data File : PL059199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jun 2020 15:06  
Operator : AJ\MA  
Sample : PB129422BSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 09 15:35:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 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

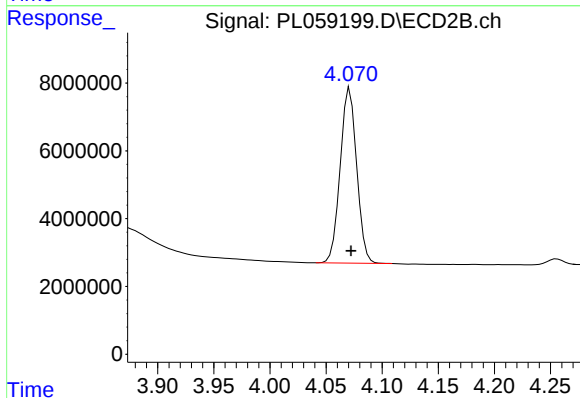




#1 Tetrachloro-m-xylene

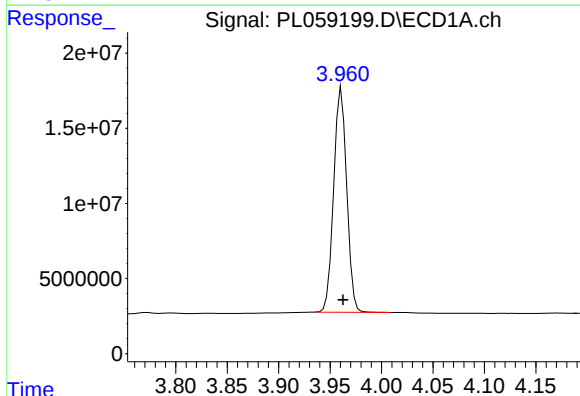
R.T.: 3.520 min  
Delta R.T.: -0.001 min  
Response: 35661099  
Conc: 20.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



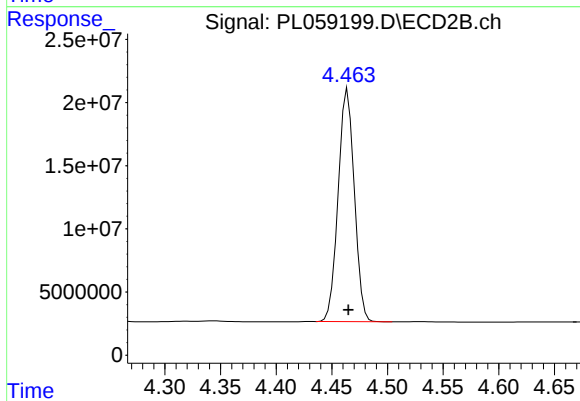
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: -0.001 min  
Response: 52792039  
Conc: 20.29 ng/ml



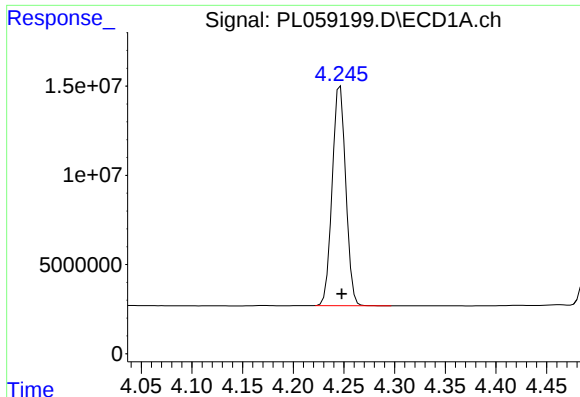
#2 alpha-BHC

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 131753659  
Conc: 52.63 ng/ml



#2 alpha-BHC

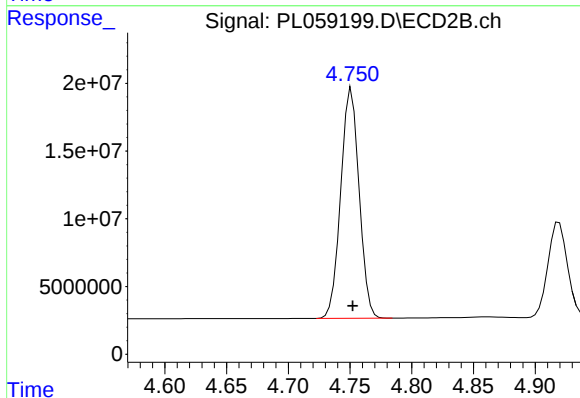
R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 186174084  
Conc: 48.44 ng/ml



#3 gamma-BHC (Lindane)

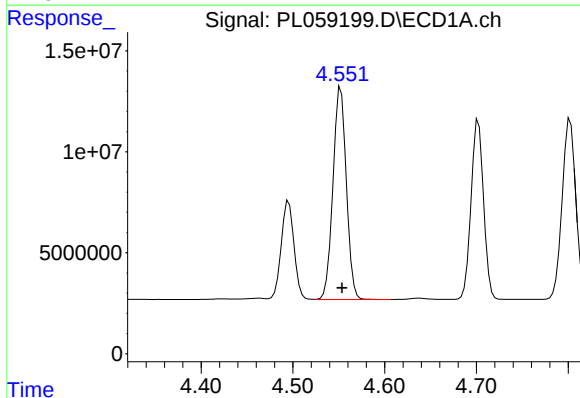
R.T.: 4.246 min  
Delta R.T.: -0.001 min  
Response: 115132842  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



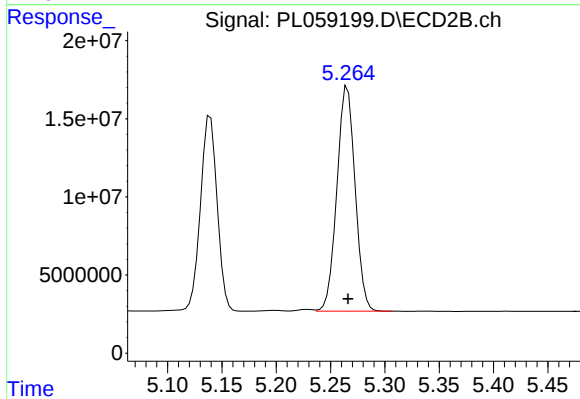
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 176079802  
Conc: 48.25 ng/ml



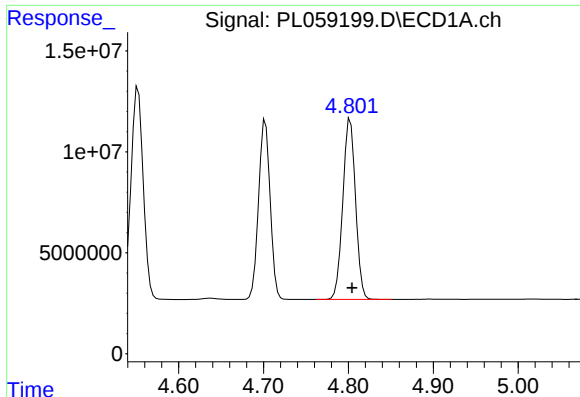
#4 Heptachlor

R.T.: 4.552 min  
Delta R.T.: -0.001 min  
Response: 106869783  
Conc: 51.36 ng/ml



#4 Heptachlor

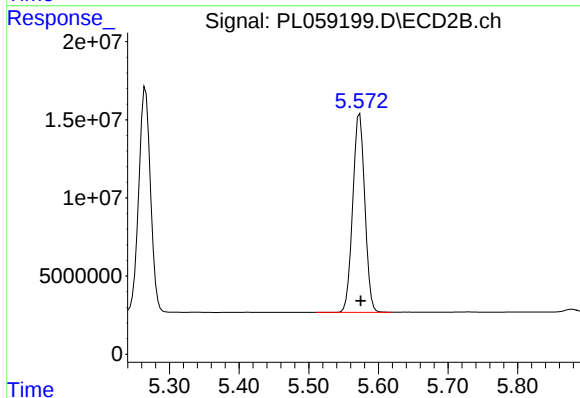
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 167865015  
Conc: 48.69 ng/ml



#5 Aldrin

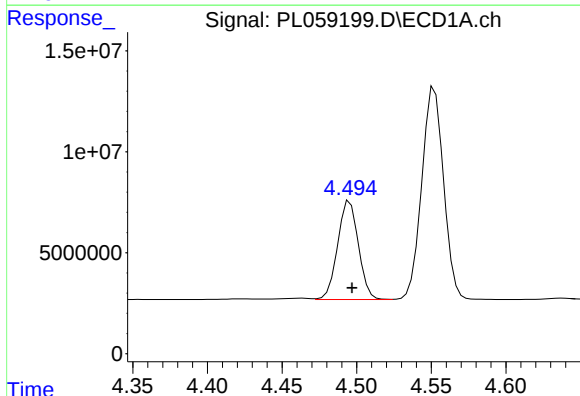
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 92914541  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



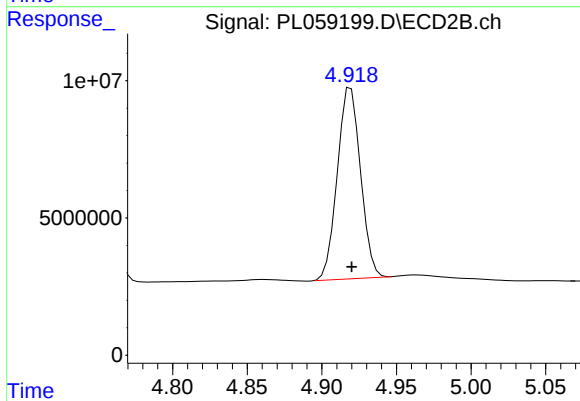
#5 Aldrin

R.T.: 5.573 min  
Delta R.T.: -0.001 min  
Response: 153417965  
Conc: 48.75 ng/ml



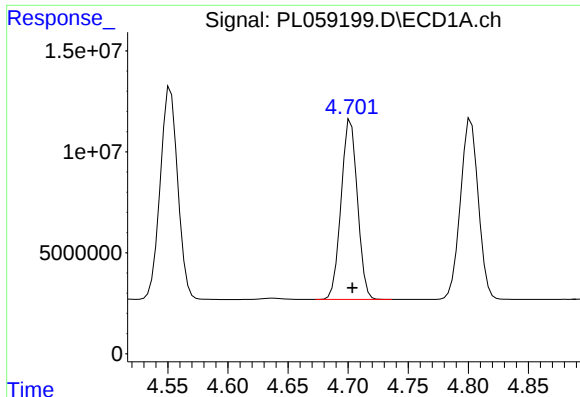
#6 beta-BHC

R.T.: 4.495 min  
Delta R.T.: -0.002 min  
Response: 47497332  
Conc: 49.99 ng/ml



#6 beta-BHC

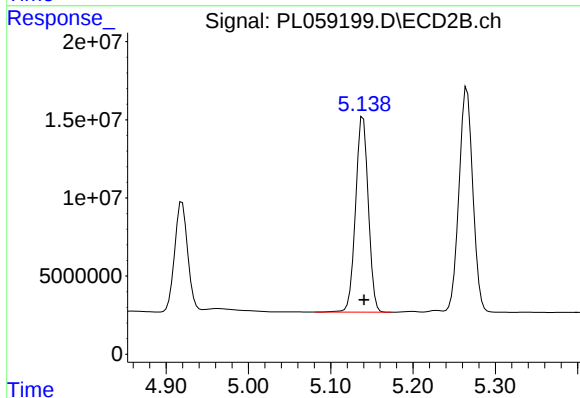
R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 75965699  
Conc: 50.23 ng/ml



#7 delta-BHC

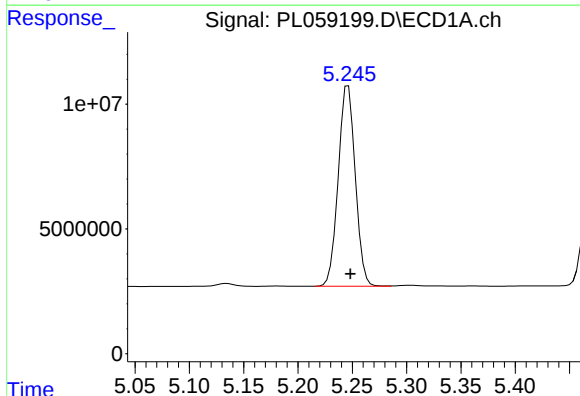
R.T.: 4.702 min  
Delta R.T.: -0.001 min  
Response: 84399344  
Conc: 42.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



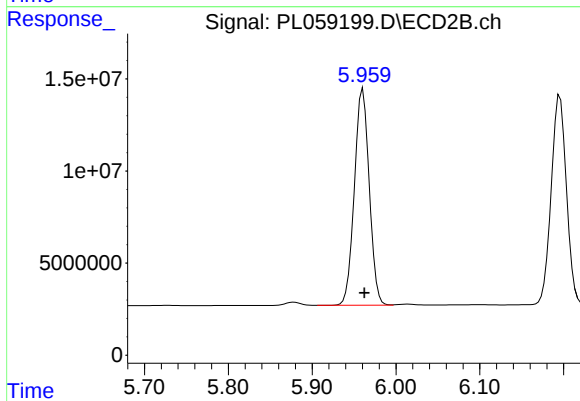
#7 delta-BHC

R.T.: 5.139 min  
Delta R.T.: -0.001 min  
Response: 134264444  
Conc: 47.86 ng/ml



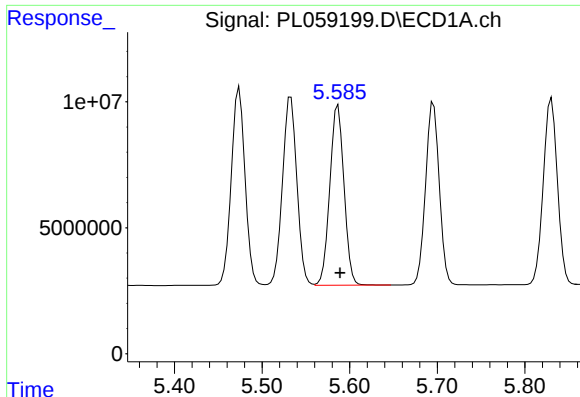
#8 Heptachlor epoxide

R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 87801092  
Conc: 51.40 ng/ml



#8 Heptachlor epoxide

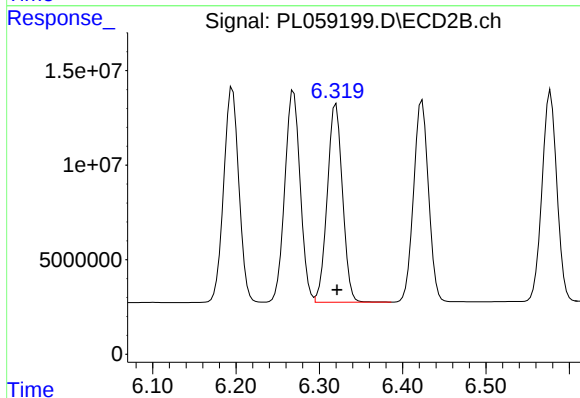
R.T.: 5.961 min  
Delta R.T.: -0.002 min  
Response: 145105437  
Conc: 52.38 ng/ml



#9 Endosulfan I

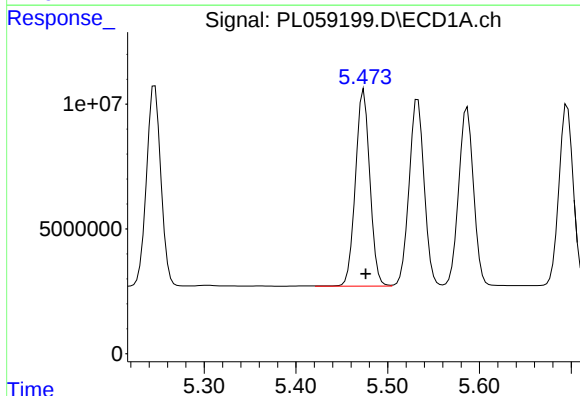
R.T.: 5.587 min  
Delta R.T.: -0.002 min  
Response: 80494328  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



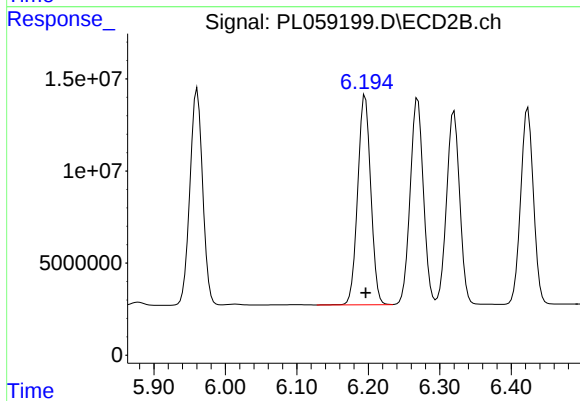
#9 Endosulfan I

R.T.: 6.320 min  
Delta R.T.: -0.001 min  
Response: 133380027  
Conc: 47.67 ng/ml



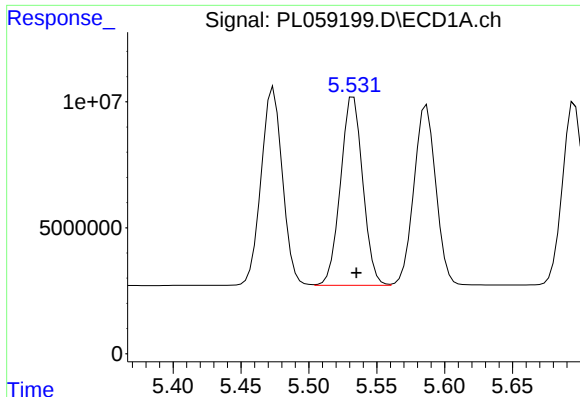
#10 gamma-Chlordane

R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 86099504  
Conc: 51.42 ng/ml



#10 gamma-Chlordane

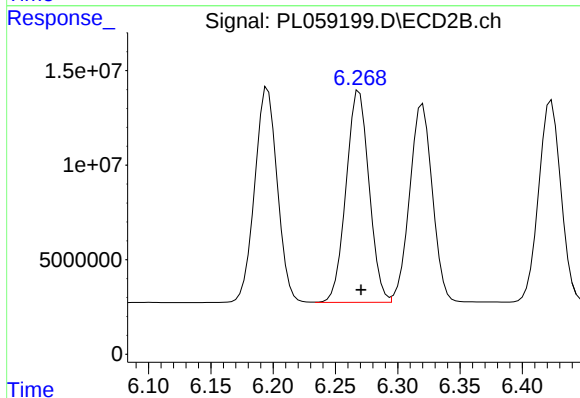
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 143951458  
Conc: 48.11 ng/ml



#11 alpha-Chlordane

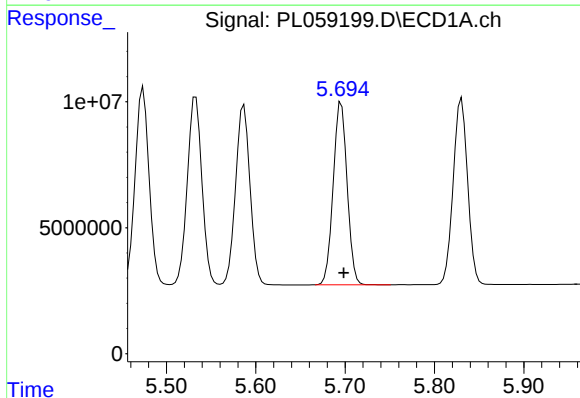
R.T.: 5.533 min  
Delta R.T.: -0.002 min  
Response: 85497687  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



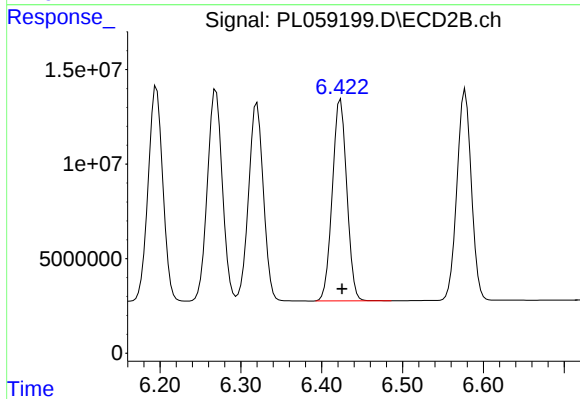
#11 alpha-Chlordane

R.T.: 6.269 min  
Delta R.T.: -0.002 min  
Response: 144399340  
Conc: 47.51 ng/ml



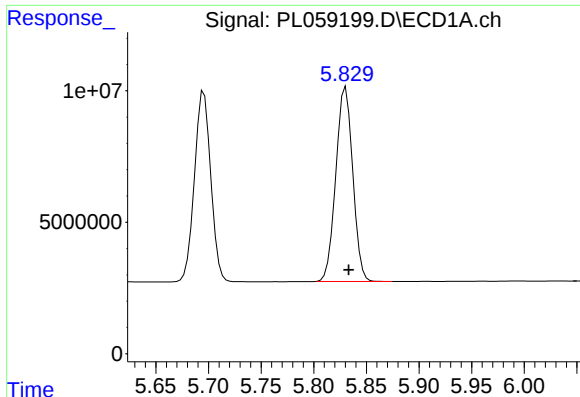
#12 4,4'-DDE

R.T.: 5.696 min  
Delta R.T.: -0.003 min  
Response: 78576959  
Conc: 51.67 ng/ml



#12 4,4'-DDE

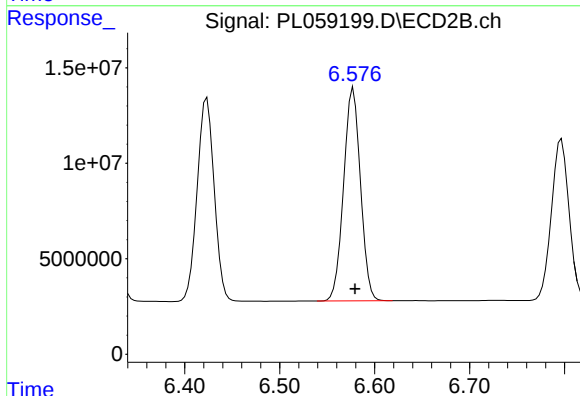
R.T.: 6.423 min  
Delta R.T.: -0.002 min  
Response: 132788366  
Conc: 47.70 ng/ml



#13 Dieldrin

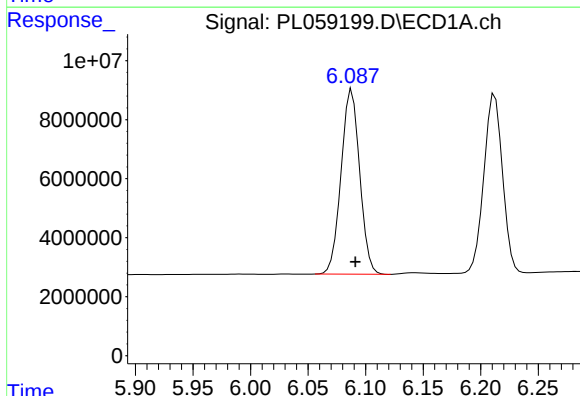
R.T.: 5.830 min  
Delta R.T.: -0.003 min  
Response: 82828416  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



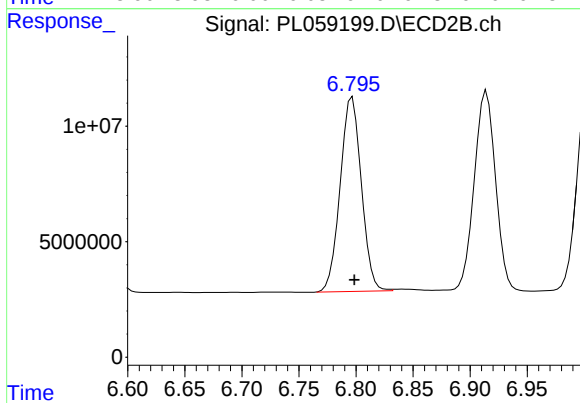
#13 Dieldrin

R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 137614070  
Conc: 47.14 ng/ml



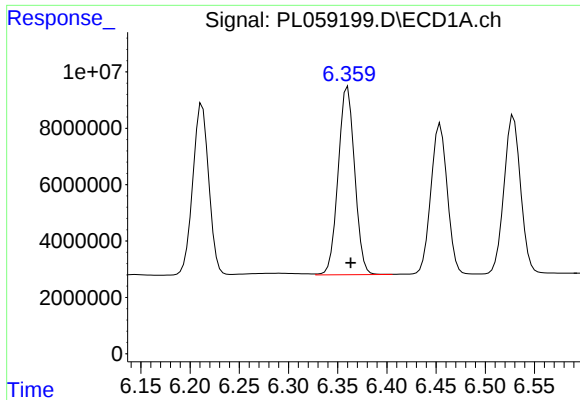
#14 Endrin

R.T.: 6.088 min  
Delta R.T.: -0.003 min  
Response: 70766336  
Conc: 46.71 ng/ml



#14 Endrin

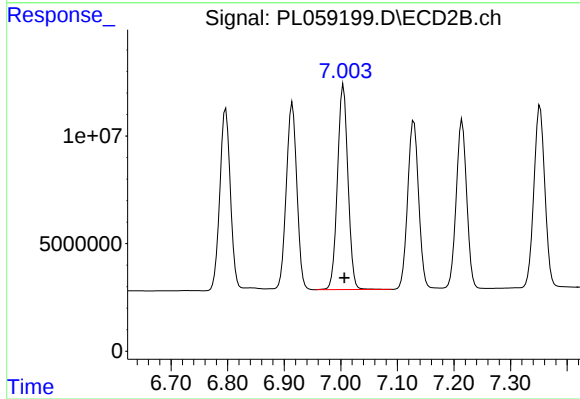
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 108723172  
Conc: 43.66 ng/ml



#15 Endosulfan II

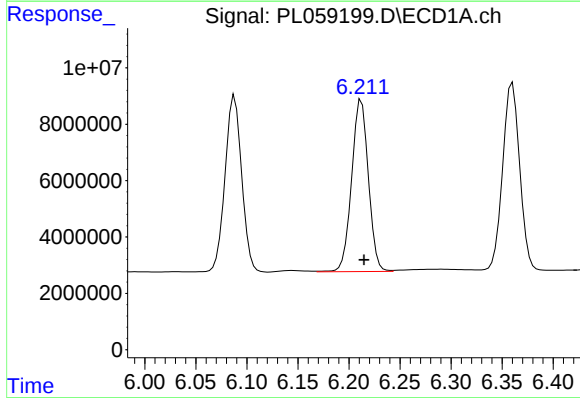
R.T.: 6.360 min  
Delta R.T.: -0.003 min  
Response: 77929866  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



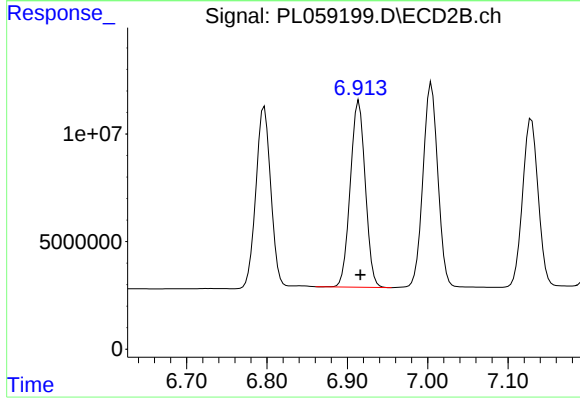
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: -0.001 min  
Response: 122911633  
Conc: 47.18 ng/ml



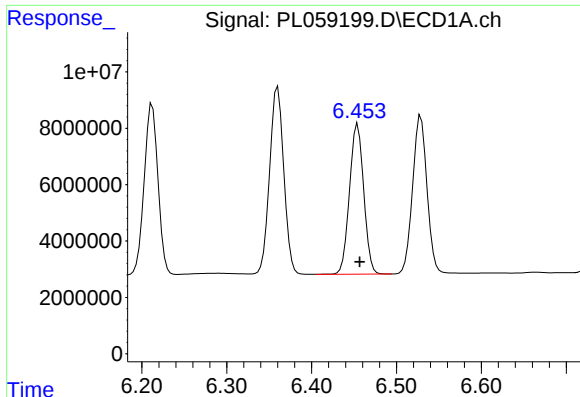
#16 4,4'-DDD

R.T.: 6.212 min  
Delta R.T.: -0.003 min  
Response: 69590478  
Conc: 52.64 ng/ml



#16 4,4'-DDD

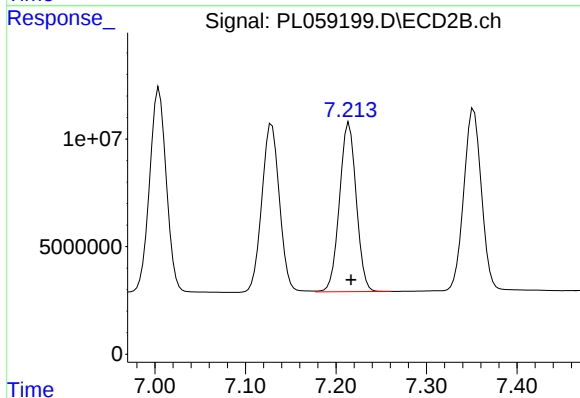
R.T.: 6.914 min  
Delta R.T.: -0.002 min  
Response: 112193541  
Conc: 48.34 ng/ml



#17 4,4'-DDT

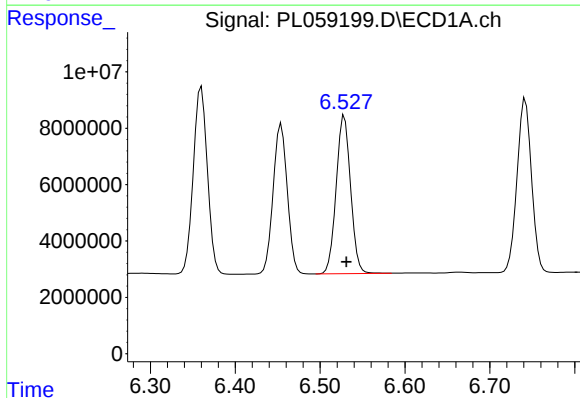
R.T.: 6.454 min  
Delta R.T.: -0.002 min  
Response: 62127637  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



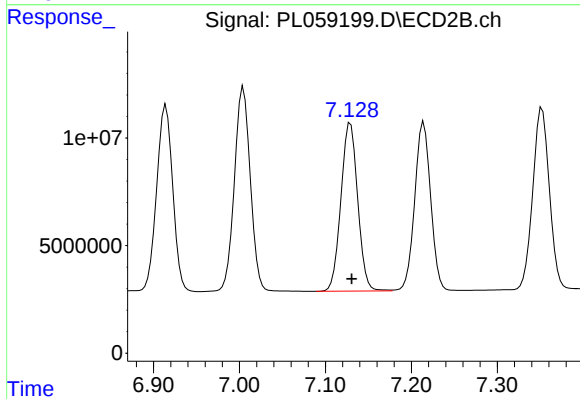
#17 4,4'-DDT

R.T.: 7.214 min  
Delta R.T.: -0.002 min  
Response: 100969458  
Conc: 44.34 ng/ml



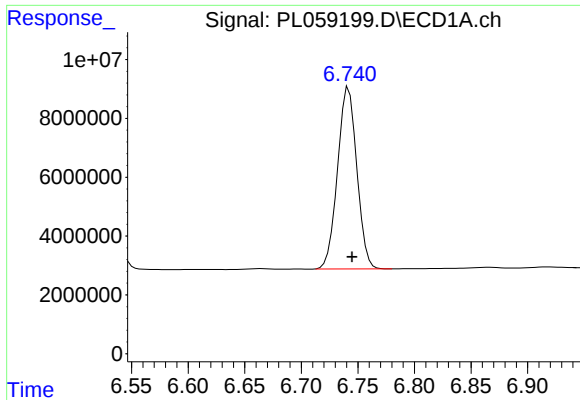
#18 Endrin aldehyde

R.T.: 6.529 min  
Delta R.T.: -0.002 min  
Response: 66172911  
Conc: 50.26 ng/ml



#18 Endrin aldehyde

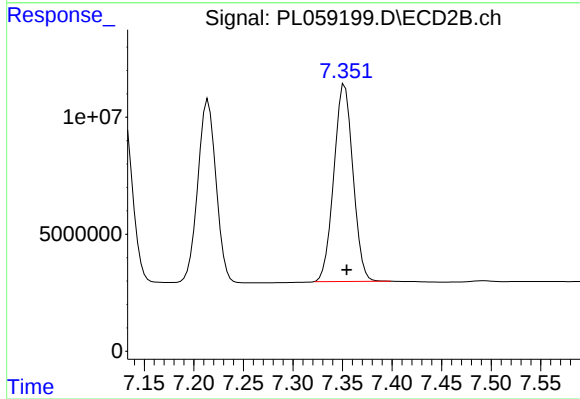
R.T.: 7.129 min  
Delta R.T.: -0.002 min  
Response: 106188623  
Conc: 46.45 ng/ml



#19 Endosulfan Sulfate

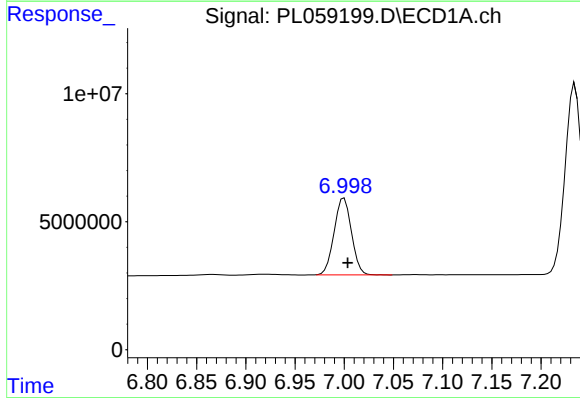
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 73158908  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



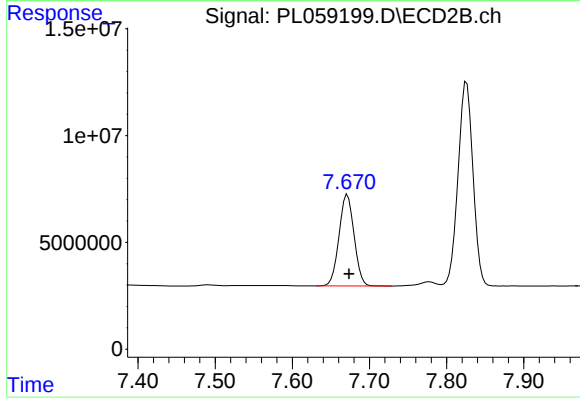
#19 Endosulfan Sulfate

R.T.: 7.352 min  
Delta R.T.: -0.002 min  
Response: 112990730  
Conc: 45.09 ng/ml



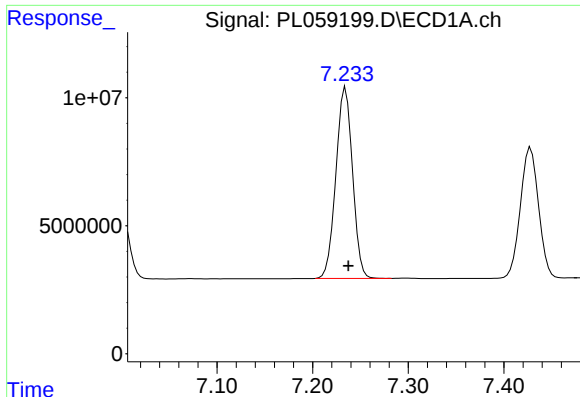
#20 Methoxychlor

R.T.: 7.000 min  
Delta R.T.: -0.004 min  
Response: 36843051  
Conc: 47.96 ng/ml



#20 Methoxychlor

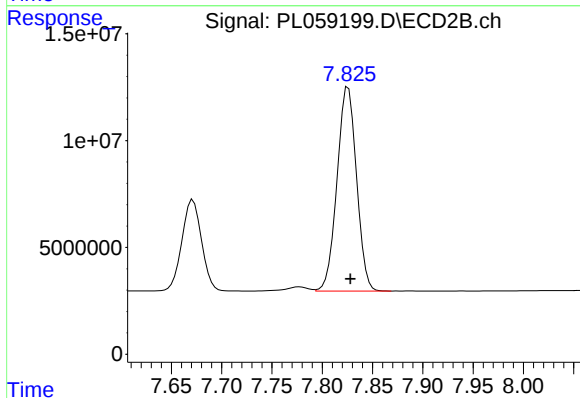
R.T.: 7.672 min  
Delta R.T.: -0.002 min  
Response: 57876115  
Conc: 43.89 ng/ml



#21 Endrin ketone

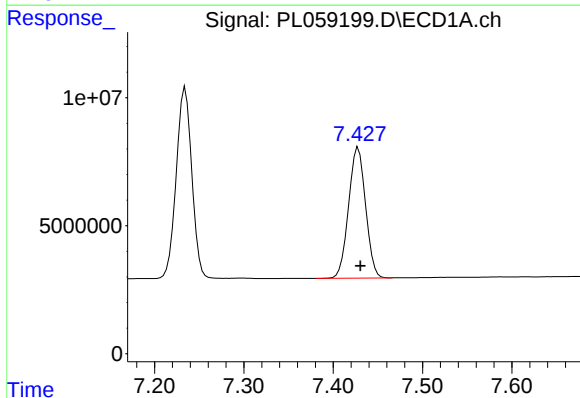
R.T.: 7.234 min  
Delta R.T.: -0.003 min  
Response: 90119414  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



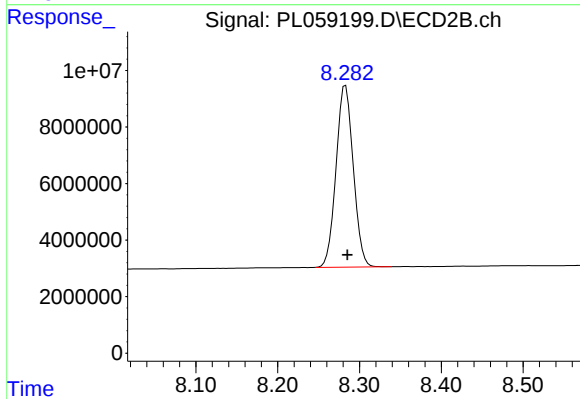
#21 Endrin ketone

R.T.: 7.826 min  
Delta R.T.: -0.002 min  
Response: 128622304  
Conc: 49.02 ng/ml



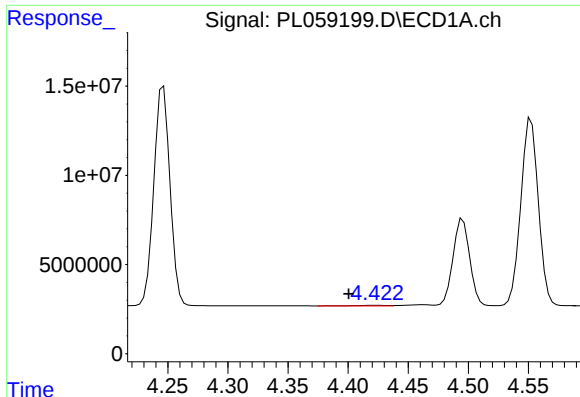
#22 Mirex

R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 67447043  
Conc: 48.87 ng/ml



#22 Mirex

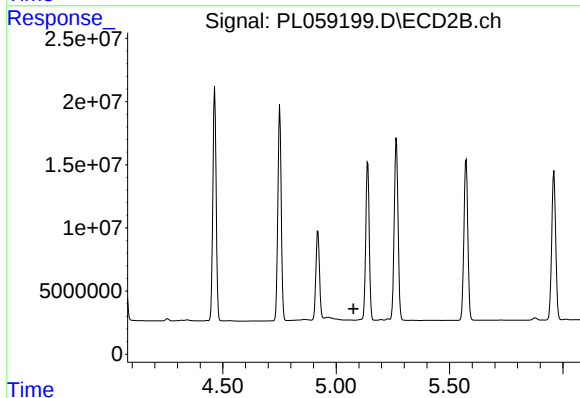
R.T.: 8.283 min  
Delta R.T.: -0.002 min  
Response: 93880783  
Conc: 47.59 ng/ml



#23 Chlordane-1

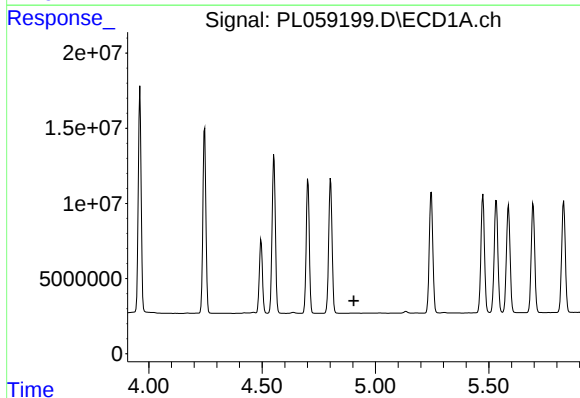
R.T.: 4.423 min  
Delta R.T.: 0.023 min  
Response: 574232  
Conc: 11.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



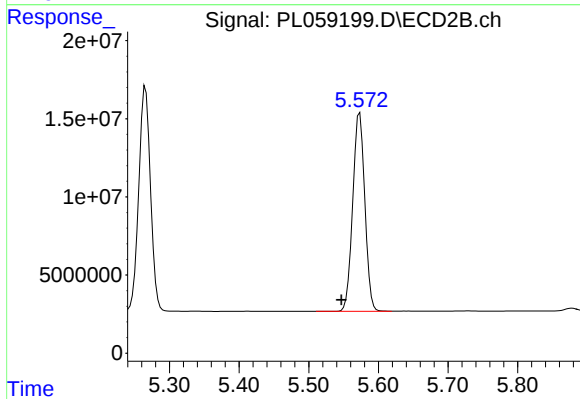
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



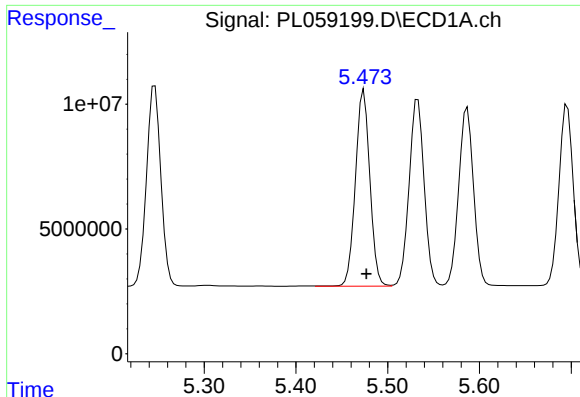
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

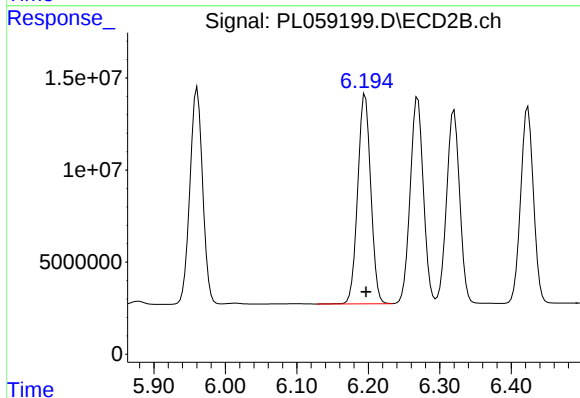
R.T.: 5.573 min  
Delta R.T.: 0.026 min  
Response: 153417965  
Conc: 1607.99 ng/ml



#25 Chlordane-3

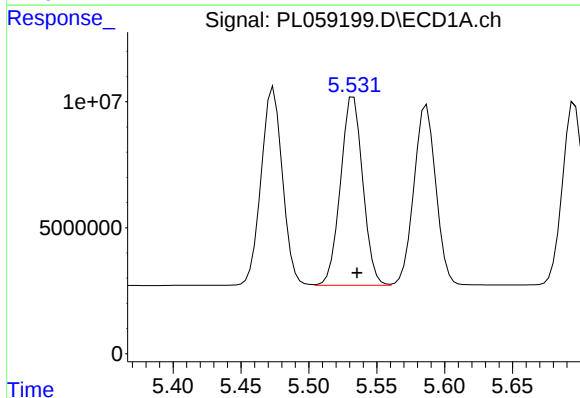
R.T.: 5.474 min  
Delta R.T.: -0.003 min  
Response: 86099504  
Conc: 582.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



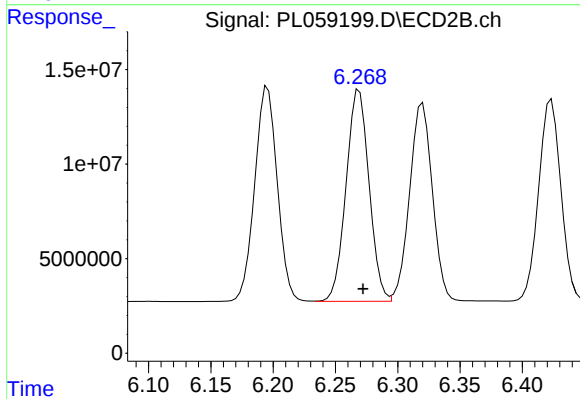
#25 Chlordane-3

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 143951458  
Conc: 383.88 ng/ml



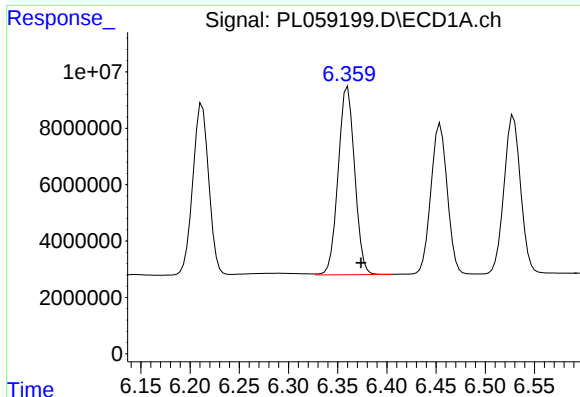
#26 Chlordane-4

R.T.: 5.533 min  
Delta R.T.: -0.003 min  
Response: 85497687  
Conc: 712.71 ng/ml



#26 Chlordane-4

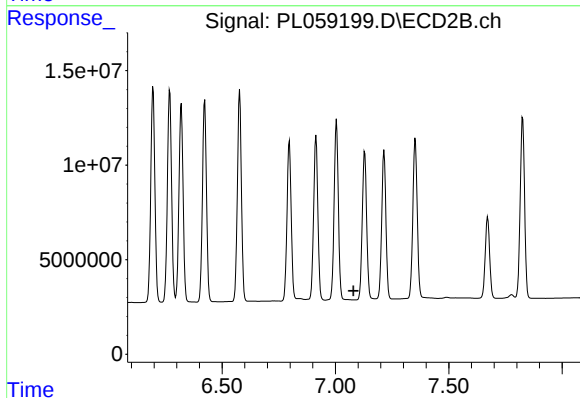
R.T.: 6.269 min  
Delta R.T.: -0.003 min  
Response: 144399340  
Conc: 317.33 ng/ml



#27 Chlordane-5

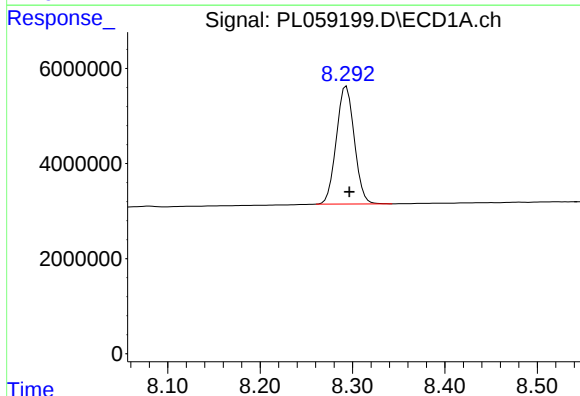
R.T.: 6.360 min  
Delta R.T.: -0.014 min  
Response: 77929866  
Conc: 1566.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



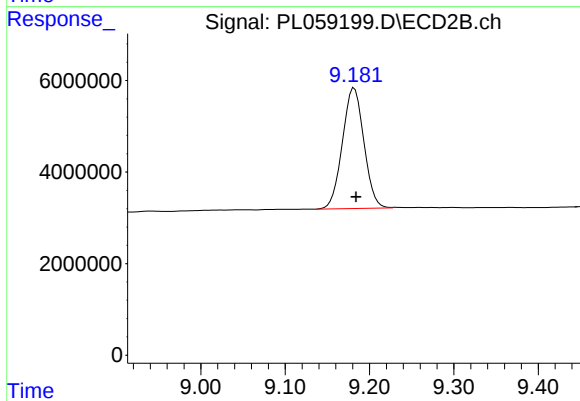
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.080 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.293 min  
Delta R.T.: -0.003 min  
Response: 33502967  
Conc: 20.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: -0.002 min  
Response: 46588336  
Conc: 19.65 ng/ml