

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060120\  
 Data File : PL059040.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jun 2020 20:00  
 Operator : AJ\MA  
 Sample : PB129208BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 02 01:05:24 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 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... | 3.528  | 4.077  | 34173087 | 53041731 | 18.637   | 19.584     |
| 28)                         | SA Decachlor... | 8.307  | 9.189  | 31573170 | 42595156 | 18.687   | 16.158     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.970  | 4.470  | 129.7E6  | 188.6E6  | 47.694   | 46.990     |
| 3)                          | MA gamma-BHC... | 4.256  | 4.757  | 115.5E6  | 179.3E6  | 48.951   | 47.313     |
| 4)                          | MA Heptachlor   | 4.562  | 5.271  | 109.2E6  | 173.0E6  | 48.576   | 45.178     |
| 5)                          | MB Aldrin       | 4.814  | 5.579  | 95455813 | 160.7E6  | 49.306   | 47.096     |
| 6)                          | B beta-BHC      | 4.506  | 4.925  | 48083540 | 80531891 | 46.785   | 46.281     |
| 7)                          | B delta-BHC     | 4.713  | 5.145  | 69629457 | 110.1E6  | 32.474   | 30.184     |
| 8)                          | B Heptachlo...  | 5.258  | 5.967  | 90461689 | 150.7E6  | 49.014   | 45.681     |
| 9)                          | A Endosulfan I  | 5.599  | 6.327  | 83503548 | 140.1E6  | 49.192   | 47.662     |
| 10)                         | B gamma-Chl...  | 5.486  | 6.202  | 88747450 | 152.4E6  | 48.407   | 46.024     |
| 11)                         | B alpha-Chl...  | 5.545  | 6.276  | 88829003 | 152.3E6  | 48.546   | 46.888     |
| 12)                         | B 4,4'-DDE      | 5.709  | 6.430  | 81937750 | 141.8E6  | 49.898   | 49.700     |
| 13)                         | MA Dieldrin     | 5.843  | 6.584  | 86902887 | 146.2E6  | 49.508   | 48.265     |
| 14)                         | MA Endrin       | 6.101  | 6.803  | 76224309 | 118.6E6  | 48.635   | 47.514     |
| 15)                         | B Endosulfa...  | 6.374  | 7.011  | 81039368 | 129.4E6  | 48.641   | 46.170     |
| 16)                         | A 4,4'-DDD      | 6.225  | 6.921  | 71947255 | 118.3E6  | 50.827   | 49.580     |
| 17)                         | MA 4,4'-DDT     | 6.468  | 7.221  | 63632976 | 102.6E6  | 43.746   | 43.139     |
| 18)                         | B Endrin al...  | 6.542  | 7.136  | 68603606 | 111.9E6  | 48.613   | 47.429     |
| 19)                         | B Endosulfa...  | 6.755  | 7.358  | 72996527 | 113.1E6  | 44.743   | 43.033     |
| 20)                         | A Methoxychlor  | 7.014  | 7.677  | 38150758 | 58841978 | 44.724   | 42.191     |
| 21)                         | B Endrin ke...  | 7.248  | 7.832  | 91898345 | 134.0E6  | 49.832   | 48.357     |
| 22)                         | Mirex           | 7.442  | 8.290  | 62339693 | 85257443 | 40.306   | 38.901     |
| 24)                         | Chlordane-2     | 0.000  | 5.579f | 0        | 160.7E6  | N.D.     | 1574.690 # |
| 25)                         | Chlordane-3     | 5.486  | 6.202  | 88747450 | 152.4E6  | 591.745  | 400.449 #  |
| 26)                         | Chlordane-4     | 5.545  | 6.276  | 88829003 | 152.3E6  | 723.150  | 334.458 #  |
| 27)                         | Chlordane-5     | 6.374f | 7.079  | 81039368 | 1243247  | 1533.479 | 15.693 #   |
| -----                       |                 |        |        |          |          |          |            |

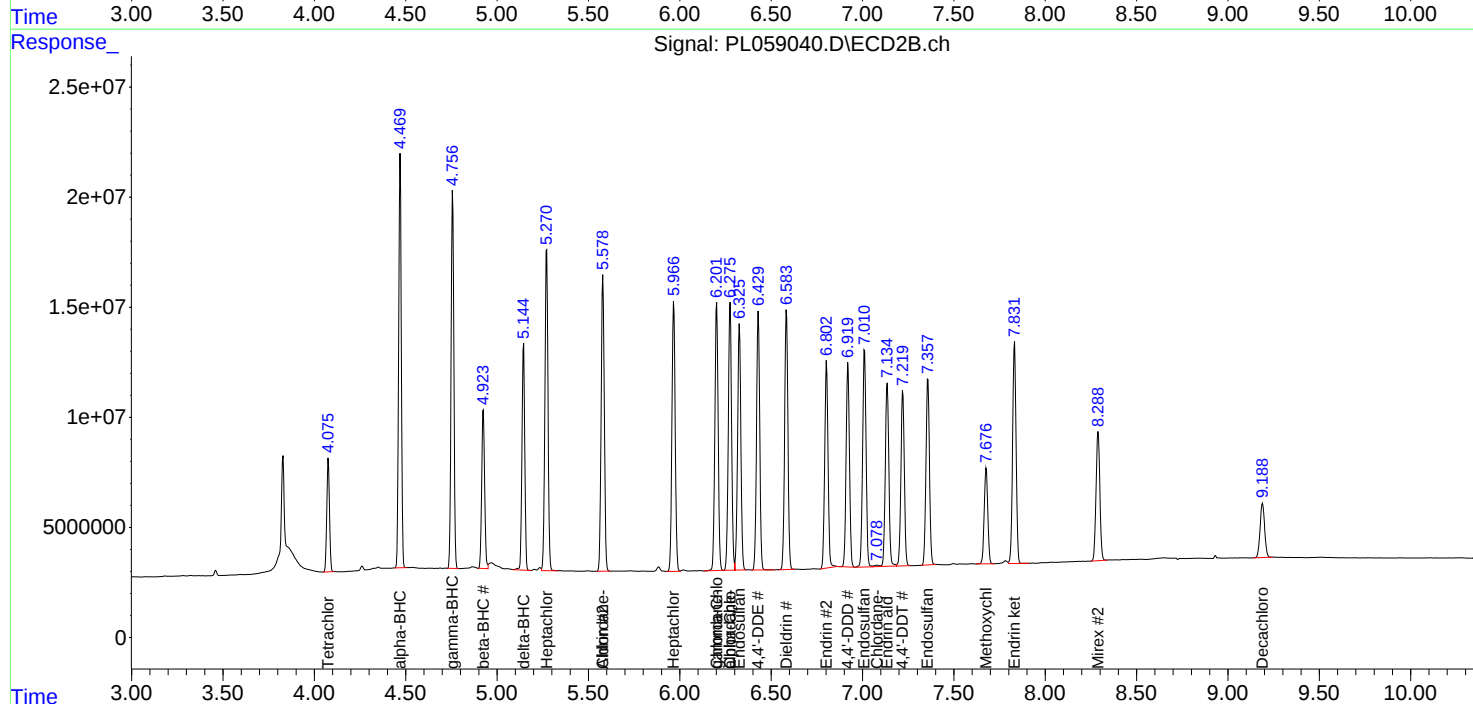
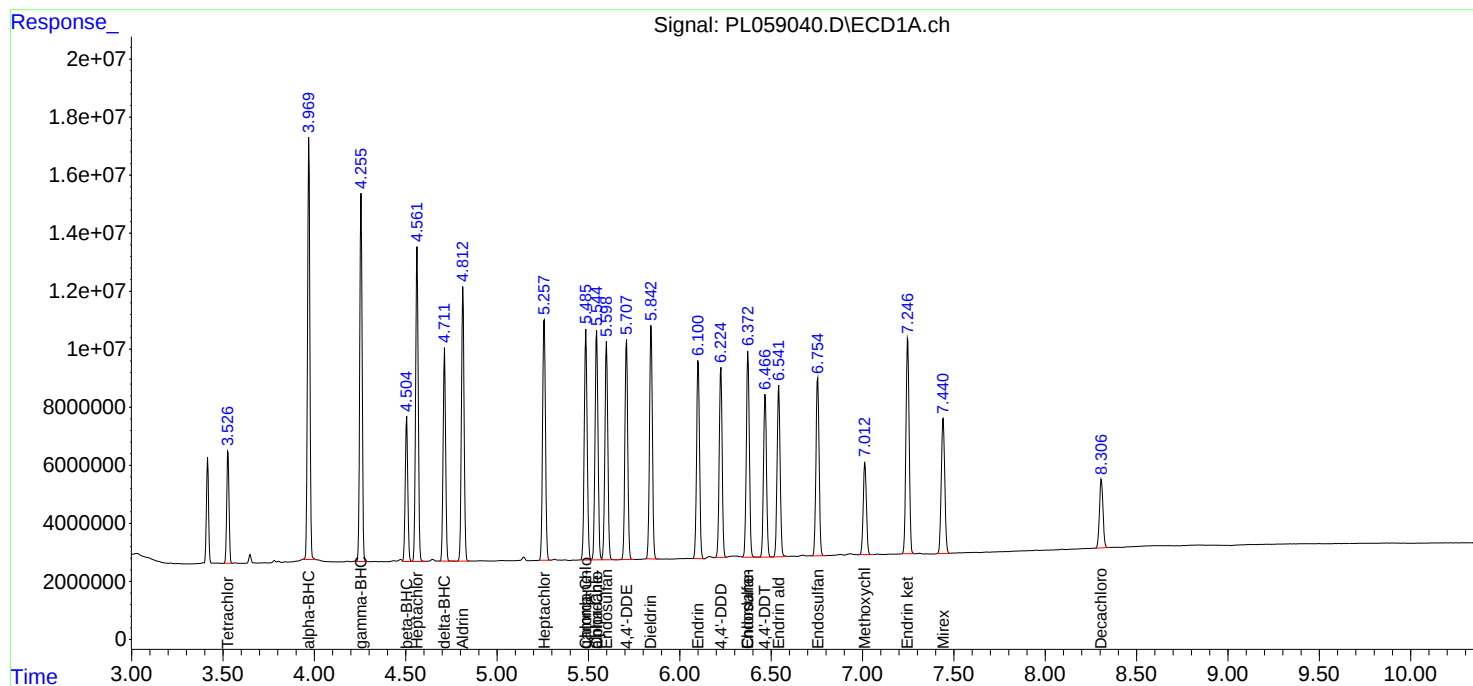
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

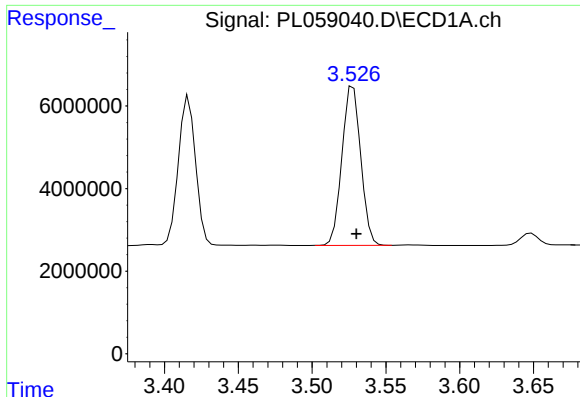
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060120\  
Data File : PL059040.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jun 2020 20:00  
Operator : AJ\MA  
Sample : PB129208BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 02 01:05:24 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 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

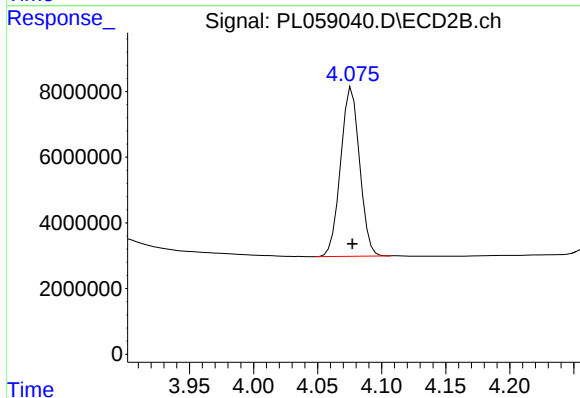




#1 Tetrachloro-m-xylene

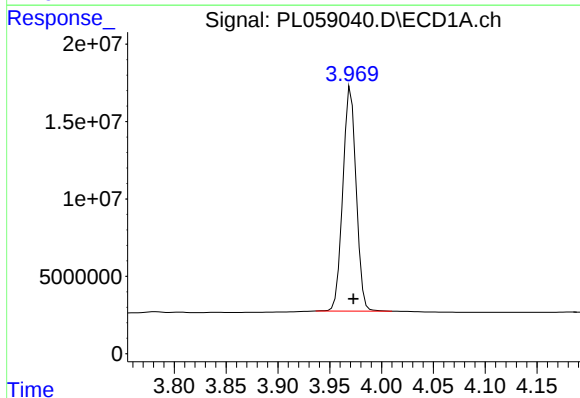
R.T.: 3.528 min  
Delta R.T.: -0.002 min  
Response: 34173087  
Conc: 18.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



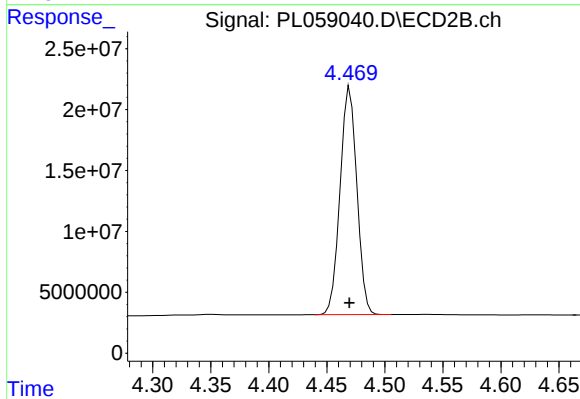
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: 0.000 min  
Response: 53041731  
Conc: 19.58 ng/ml



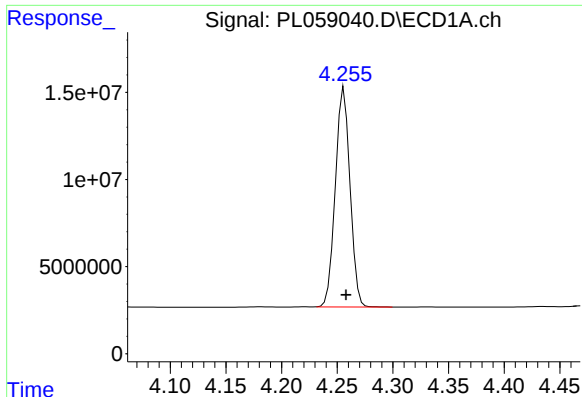
#2 alpha-BHC

R.T.: 3.970 min  
Delta R.T.: -0.002 min  
Response: 129672403  
Conc: 47.69 ng/ml



#2 alpha-BHC

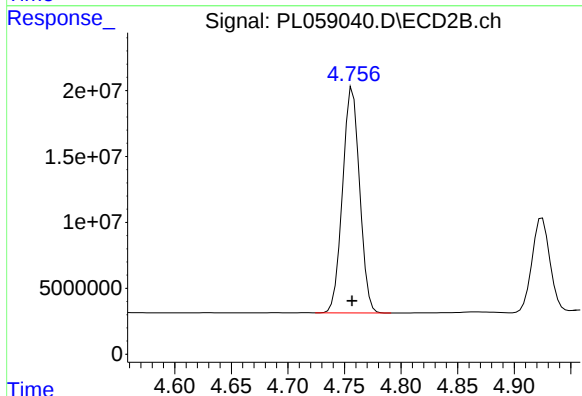
R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 188581693  
Conc: 46.99 ng/ml



#3 gamma-BHC (Lindane)

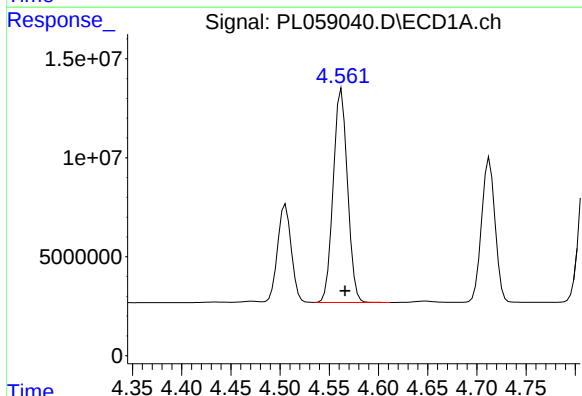
R.T.: 4.256 min  
Delta R.T.: -0.002 min  
Response: 115535810  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



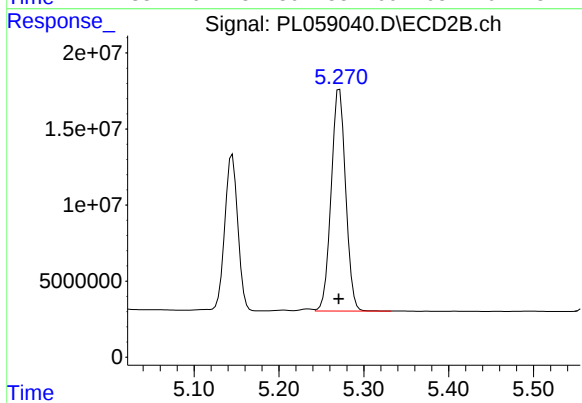
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 179309168  
Conc: 47.31 ng/ml



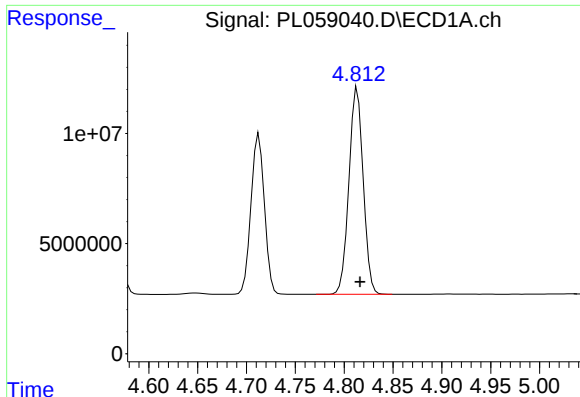
#4 Heptachlor

R.T.: 4.562 min  
Delta R.T.: -0.003 min  
Response: 109221398  
Conc: 48.58 ng/ml



#4 Heptachlor

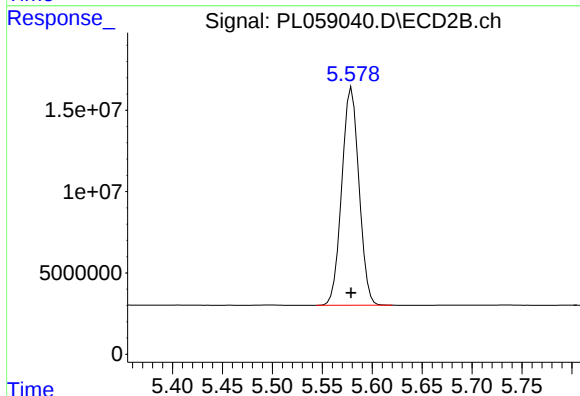
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 173049866  
Conc: 45.18 ng/ml



#5 Aldrin

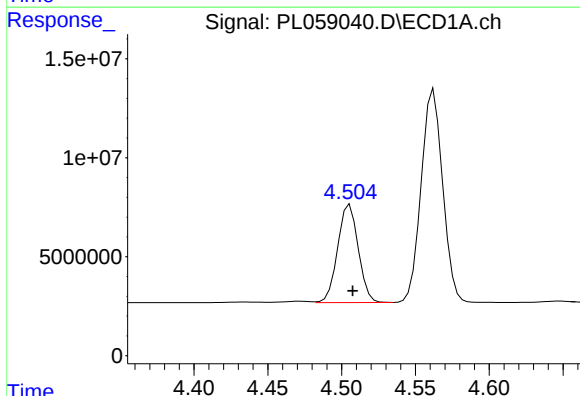
R.T.: 4.814 min  
Delta R.T.: -0.003 min  
Response: 95455813  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



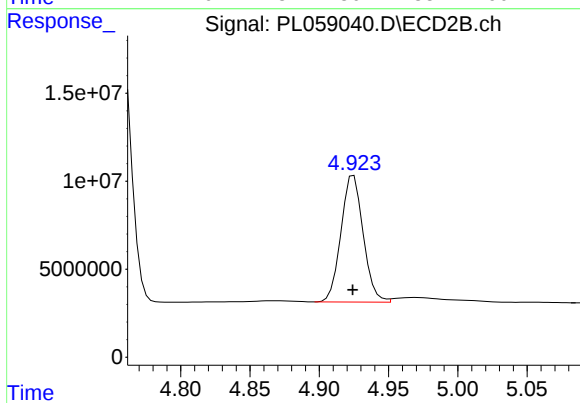
#5 Aldrin

R.T.: 5.579 min  
Delta R.T.: 0.000 min  
Response: 160652110  
Conc: 47.10 ng/ml



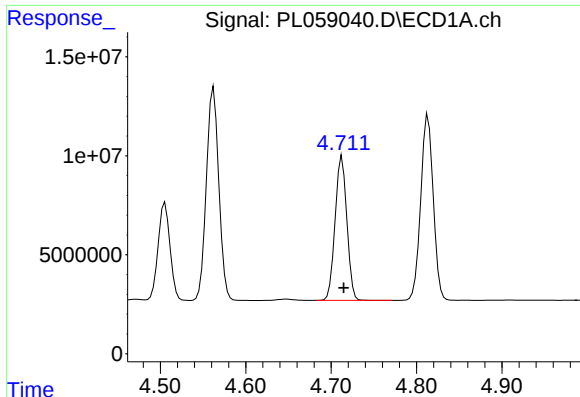
#6 beta-BHC

R.T.: 4.506 min  
Delta R.T.: -0.002 min  
Response: 48083540  
Conc: 46.78 ng/ml



#6 beta-BHC

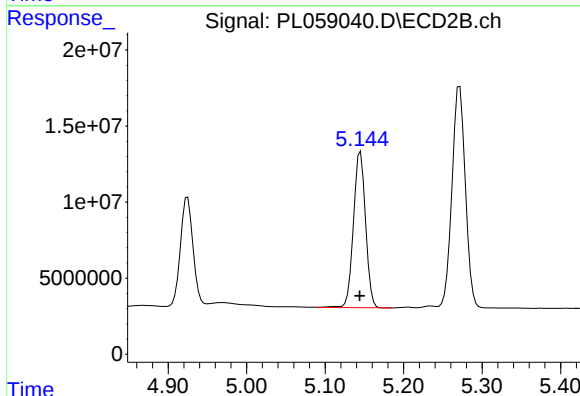
R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 80531891  
Conc: 46.28 ng/ml



#7 delta-BHC

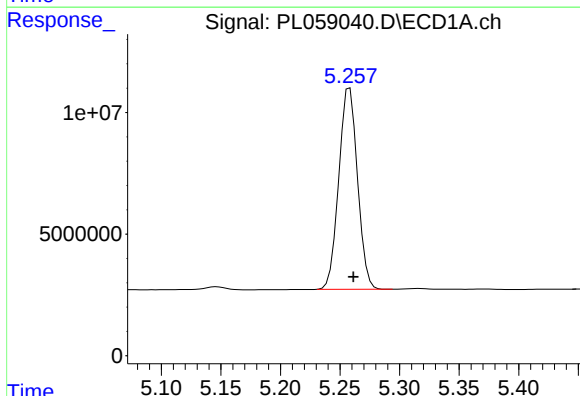
R.T.: 4.713 min  
Delta R.T.: -0.002 min  
Response: 69629457  
Conc: 32.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



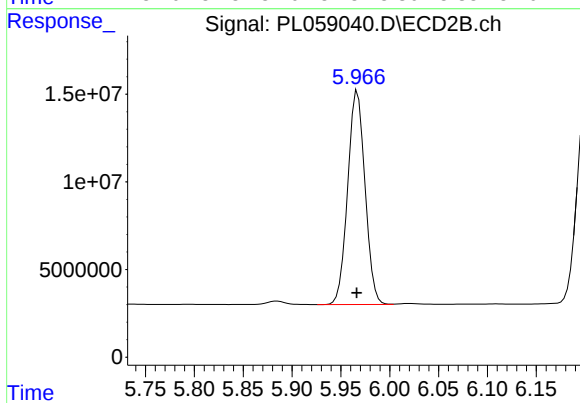
#7 delta-BHC

R.T.: 5.145 min  
Delta R.T.: 0.001 min  
Response: 110086122  
Conc: 30.18 ng/ml



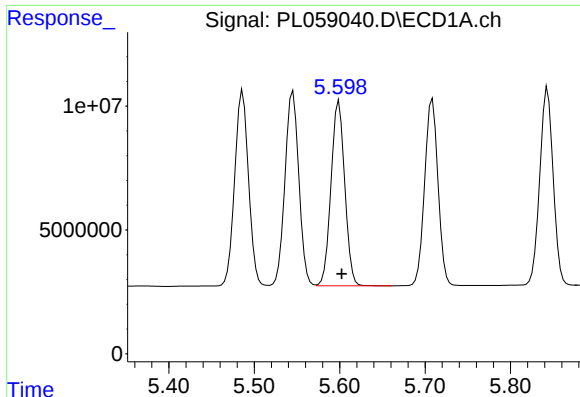
#8 Heptachlor epoxide

R.T.: 5.258 min  
Delta R.T.: -0.003 min  
Response: 90461689  
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

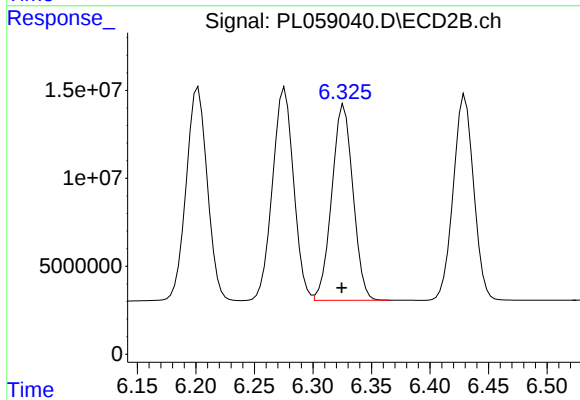
R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 150665294  
Conc: 45.68 ng/ml



#9 Endosulfan I

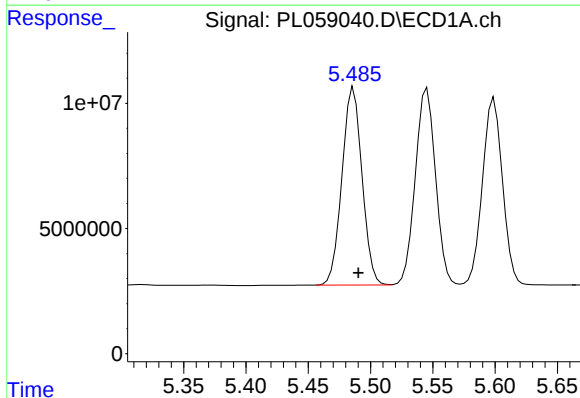
R.T.: 5.599 min  
Delta R.T.: -0.003 min  
Response: 83503548  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



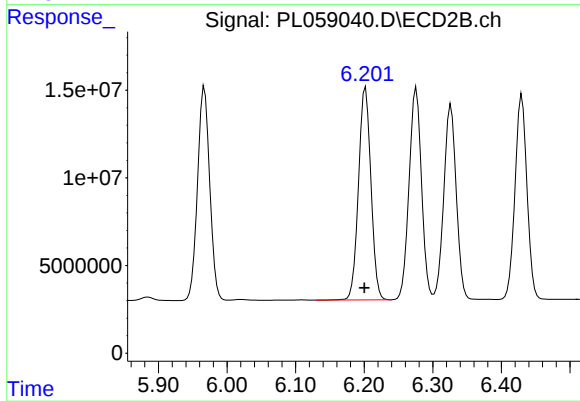
#9 Endosulfan I

R.T.: 6.327 min  
Delta R.T.: 0.002 min  
Response: 140114299  
Conc: 47.66 ng/ml



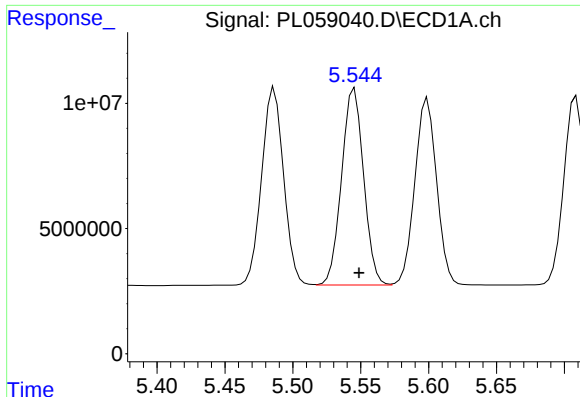
#10 gamma-Chlordane

R.T.: 5.486 min  
Delta R.T.: -0.004 min  
Response: 88747450  
Conc: 48.41 ng/ml



#10 gamma-Chlordane

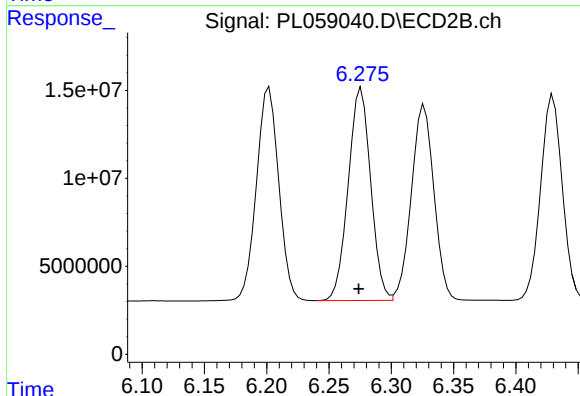
R.T.: 6.202 min  
Delta R.T.: 0.002 min  
Response: 152438605  
Conc: 46.02 ng/ml



#11 alpha-Chlordane

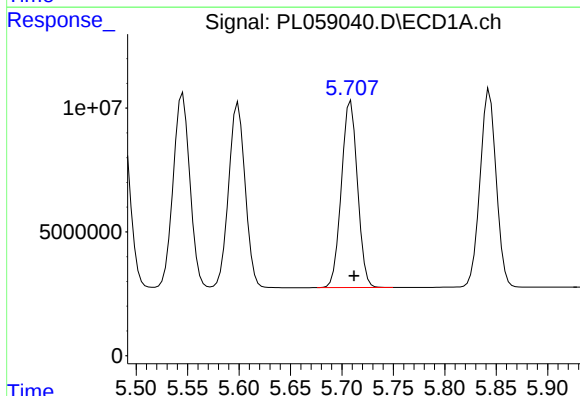
R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 88829003  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



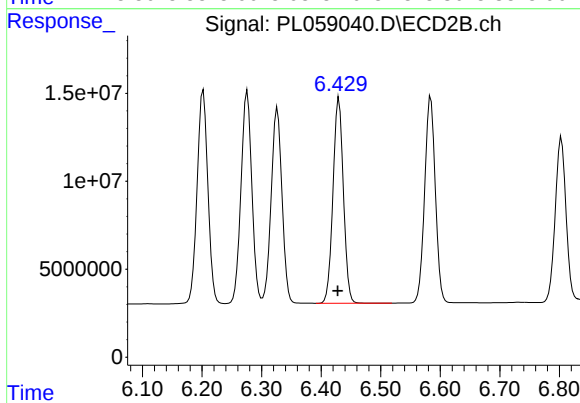
#11 alpha-Chlordane

R.T.: 6.276 min  
Delta R.T.: 0.002 min  
Response: 152298753  
Conc: 46.89 ng/ml



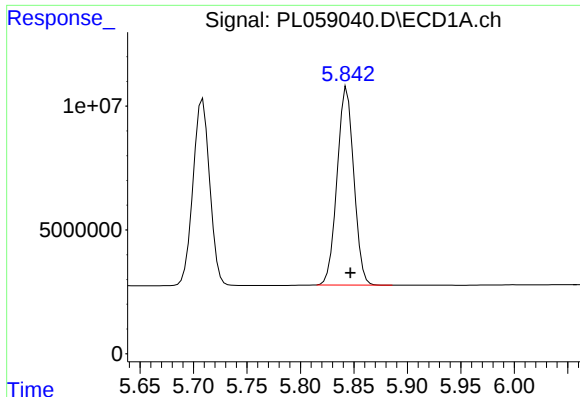
#12 4,4'-DDE

R.T.: 5.709 min  
Delta R.T.: -0.003 min  
Response: 81937750  
Conc: 49.90 ng/ml



#12 4,4'-DDE

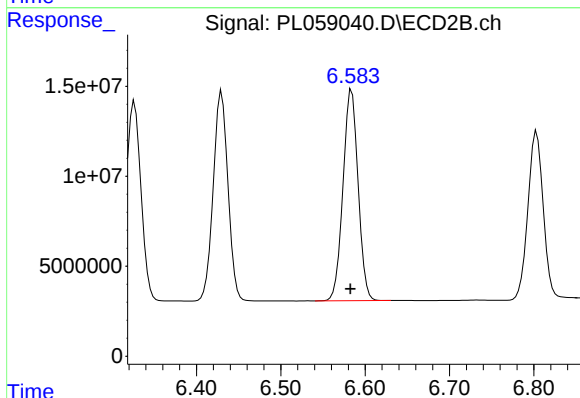
R.T.: 6.430 min  
Delta R.T.: 0.002 min  
Response: 141840214  
Conc: 49.70 ng/ml



#13 Dieldrin

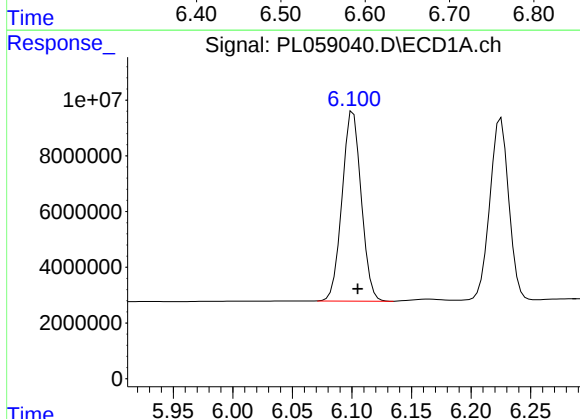
R.T.: 5.843 min  
Delta R.T.: -0.003 min  
Response: 86902887  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



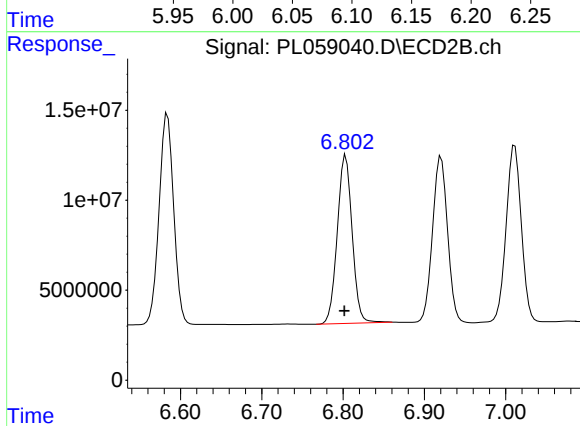
#13 Dieldrin

R.T.: 6.584 min  
Delta R.T.: 0.002 min  
Response: 146198789  
Conc: 48.27 ng/ml



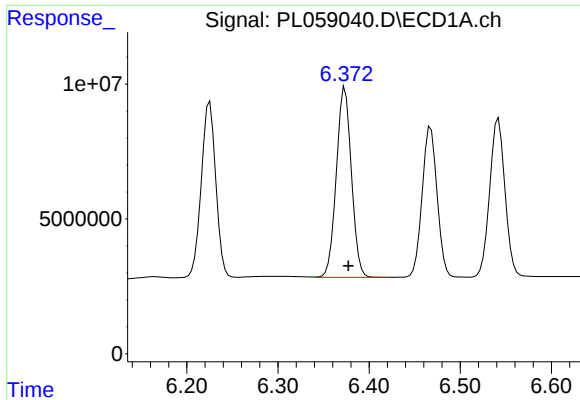
#14 Endrin

R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 76224309  
Conc: 48.63 ng/ml



#14 Endrin

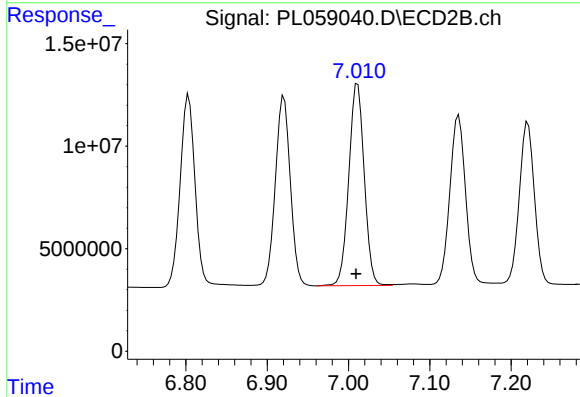
R.T.: 6.803 min  
Delta R.T.: 0.002 min  
Response: 118562978  
Conc: 47.51 ng/ml



#15 Endosulfan II

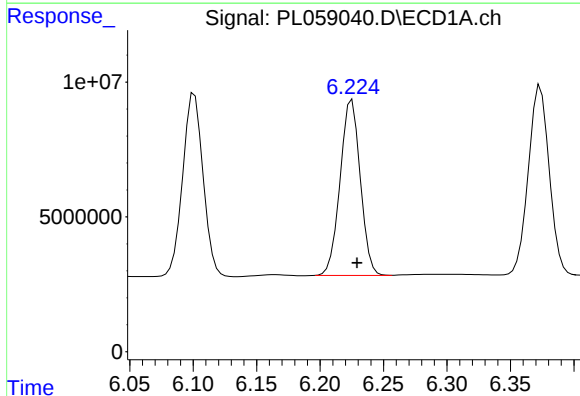
R.T.: 6.374 min  
Delta R.T.: -0.004 min  
Response: 81039368  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



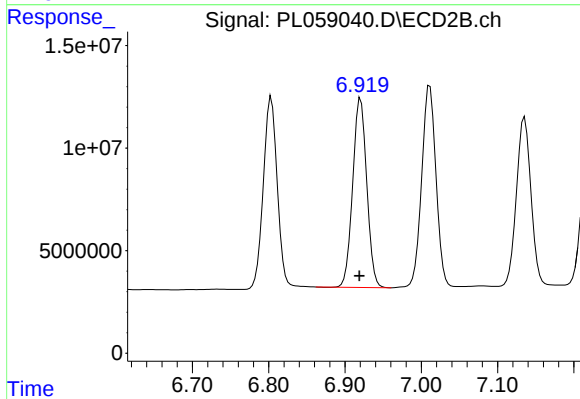
#15 Endosulfan II

R.T.: 7.011 min  
Delta R.T.: 0.002 min  
Response: 129415857  
Conc: 46.17 ng/ml



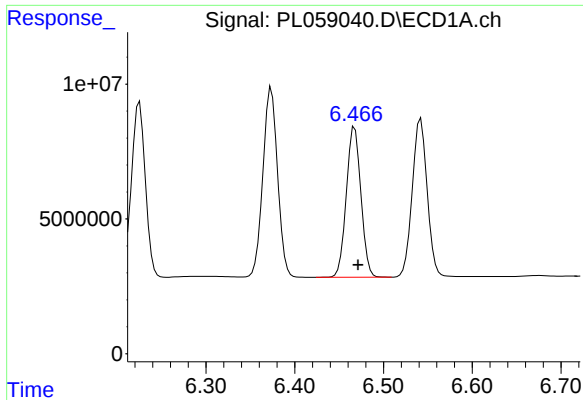
#16 4,4'-DDD

R.T.: 6.225 min  
Delta R.T.: -0.004 min  
Response: 71947255  
Conc: 50.83 ng/ml



#16 4,4'-DDD

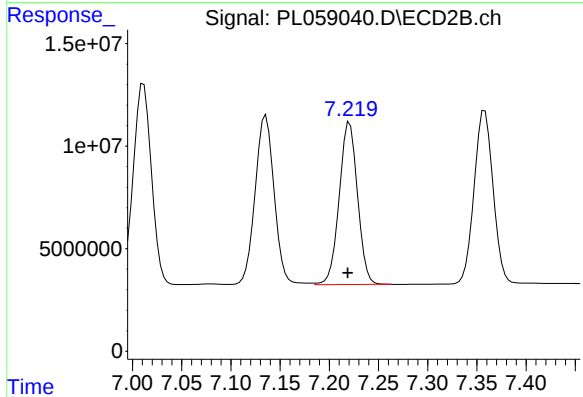
R.T.: 6.921 min  
Delta R.T.: 0.002 min  
Response: 118291436  
Conc: 49.58 ng/ml



#17 4,4'-DDT

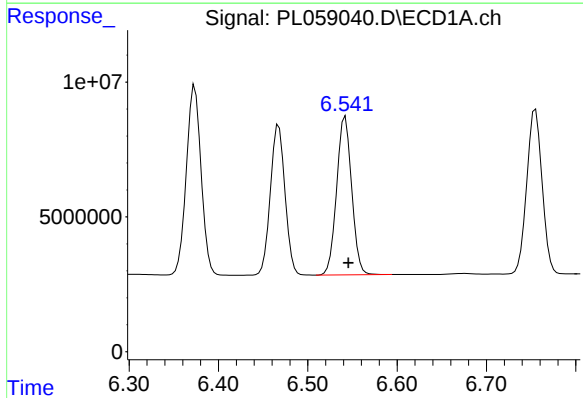
R.T.: 6.468 min  
Delta R.T.: -0.004 min  
Response: 63632976  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



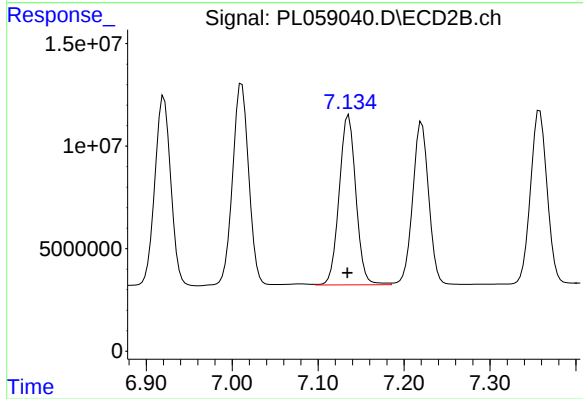
#17 4,4'-DDT

R.T.: 7.221 min  
Delta R.T.: 0.002 min  
Response: 102587911  
Conc: 43.14 ng/ml



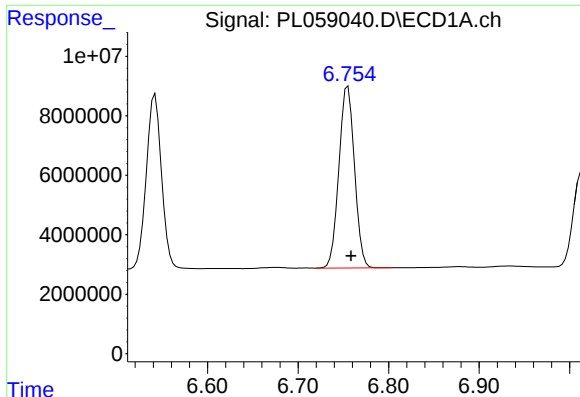
#18 Endrin aldehyde

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 68603606  
Conc: 48.61 ng/ml



#18 Endrin aldehyde

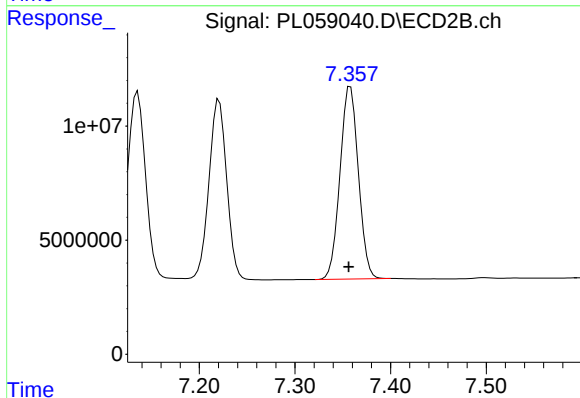
R.T.: 7.136 min  
Delta R.T.: 0.002 min  
Response: 111913844  
Conc: 47.43 ng/ml



#19 Endosulfan Sulfate

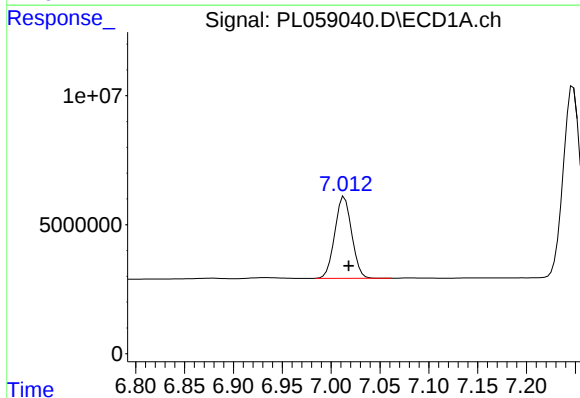
R.T.: 6.755 min  
Delta R.T.: -0.003 min  
Response: 72996527  
Conc: 44.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



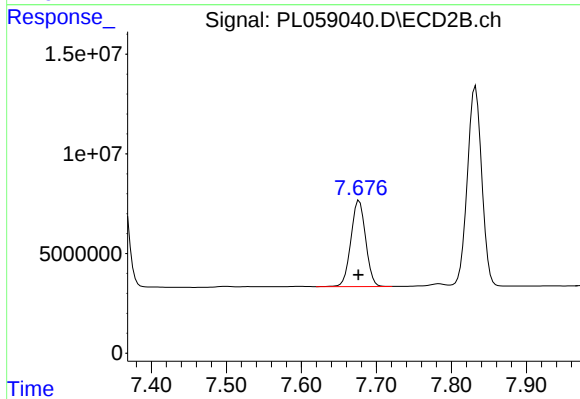
#19 Endosulfan Sulfate

R.T.: 7.358 min  
Delta R.T.: 0.002 min  
Response: 113087159  
Conc: 43.03 ng/ml



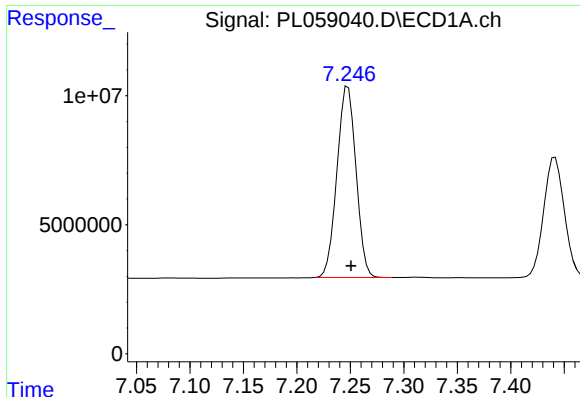
#20 Methoxychlor

R.T.: 7.014 min  
Delta R.T.: -0.005 min  
Response: 38150758  
Conc: 44.72 ng/ml



#20 Methoxychlor

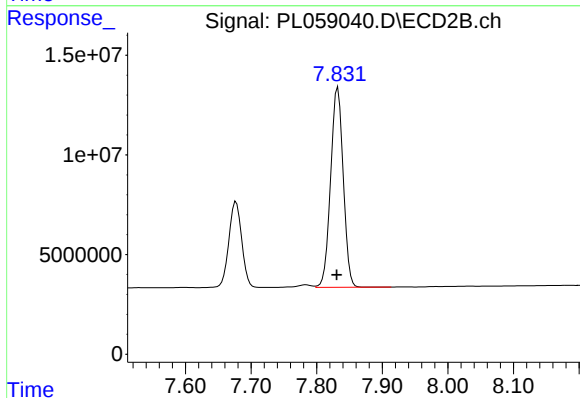
R.T.: 7.677 min  
Delta R.T.: 0.001 min  
Response: 58841978  
Conc: 42.19 ng/ml



#21 Endrin ketone

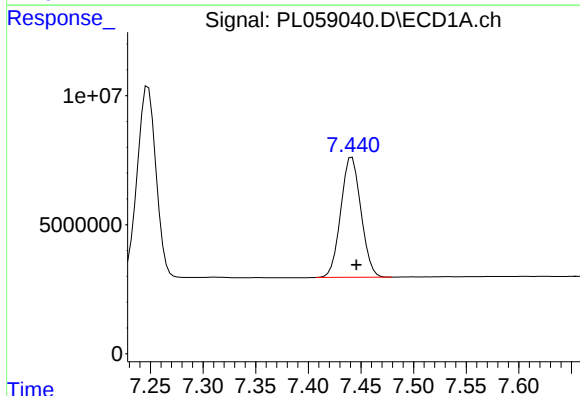
R.T.: 7.248 min  
Delta R.T.: -0.003 min  
Response: 91898345  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



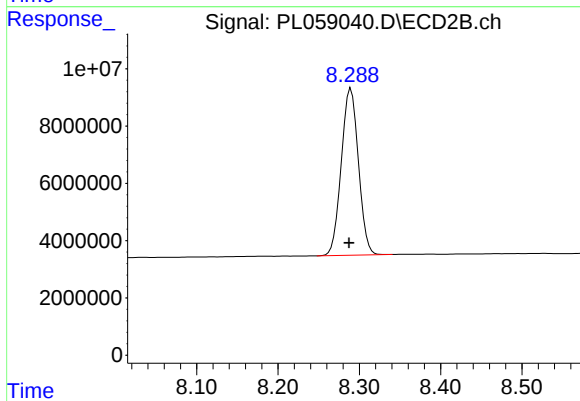
#21 Endrin ketone

R.T.: 7.832 min  
Delta R.T.: 0.002 min  
Response: 133963830  
Conc: 48.36 ng/ml



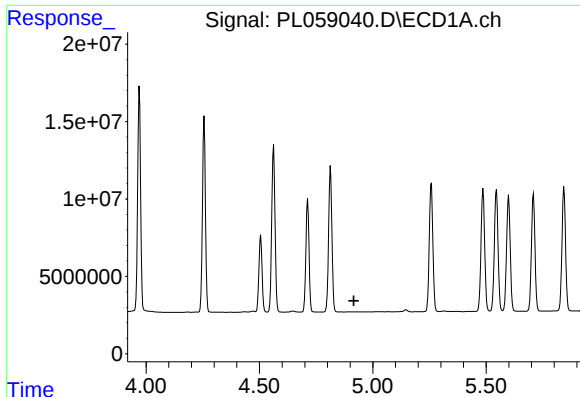
#22 Mirex

R.T.: 7.442 min  
Delta R.T.: -0.004 min  
Response: 62339693  
Conc: 40.31 ng/ml



#22 Mirex

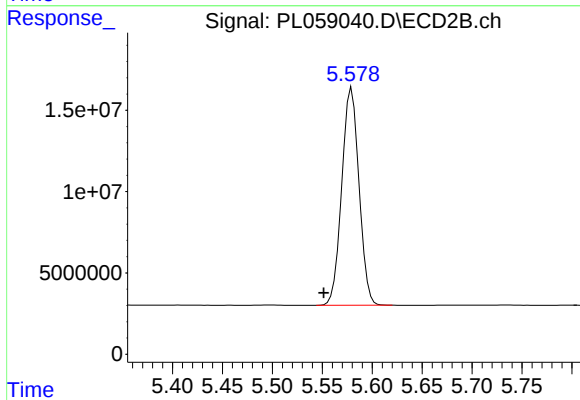
R.T.: 8.290 min  
Delta R.T.: 0.002 min  
Response: 85257443  
Conc: 38.90 ng/ml



#24 Chlordane-2

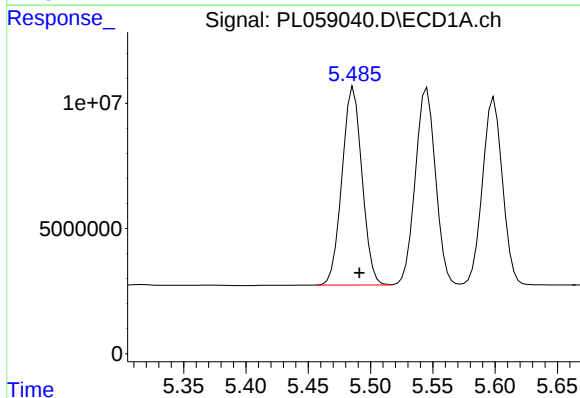
R.T.: 0.000 min  
Exp R.T.: 4.917 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



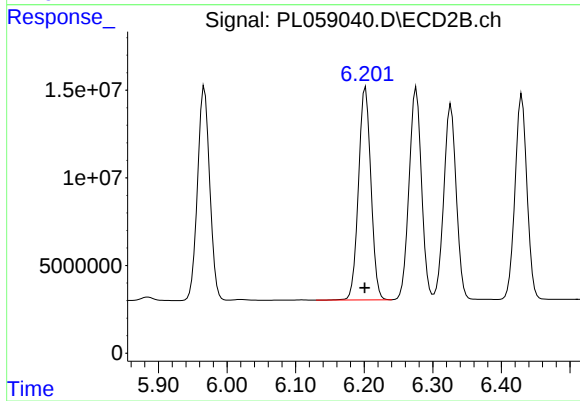
#24 Chlordane-2

R.T.: 5.579 min  
Delta R.T.: 0.028 min  
Response: 160652110  
Conc: 1574.69 ng/ml



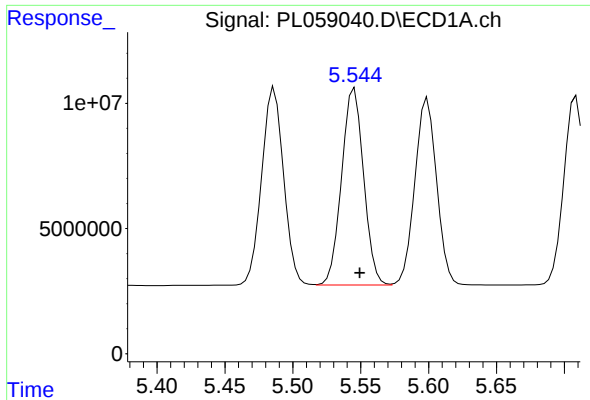
#25 Chlordane-3

R.T.: 5.486 min  
Delta R.T.: -0.005 min  
Response: 88747450  
Conc: 591.75 ng/ml



#25 Chlordane-3

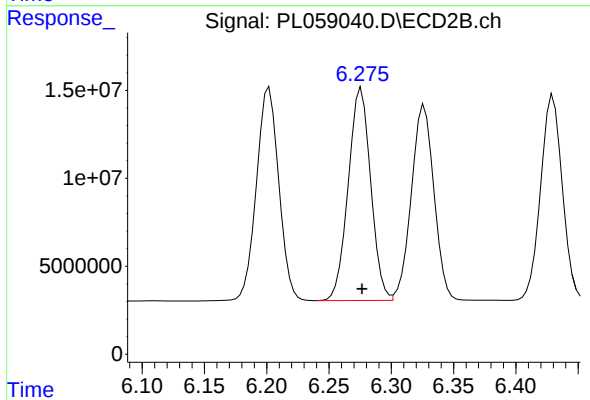
R.T.: 6.202 min  
Delta R.T.: 0.001 min  
Response: 152438605  
Conc: 400.45 ng/ml



#26 Chlordane-4

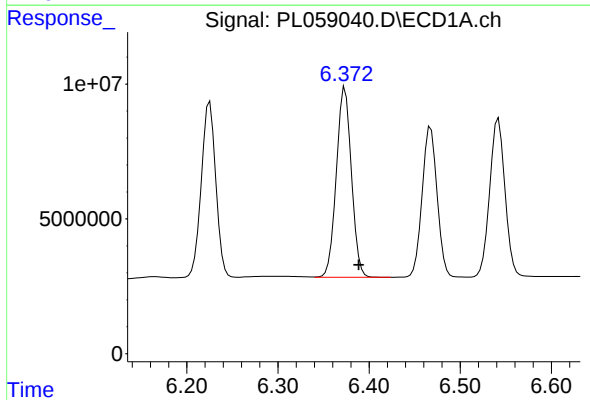
R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 88829003  
Conc: 723.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



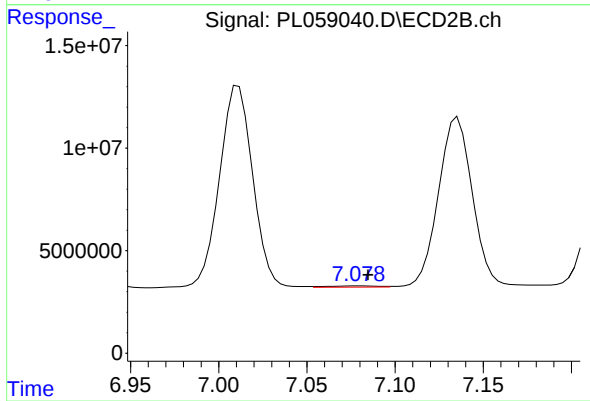
#26 Chlordane-4

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 152298753  
Conc: 334.46 ng/ml



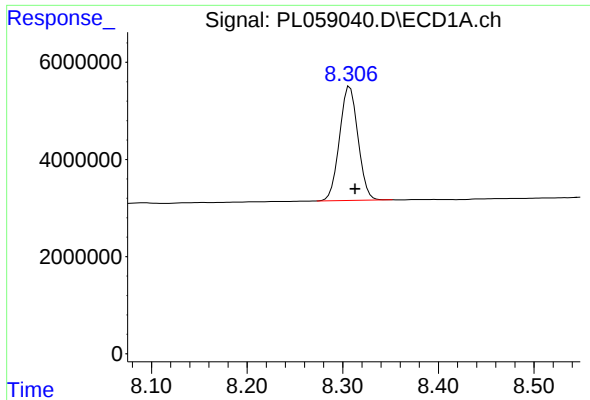
#27 Chlordane-5

R.T.: 6.374 min  
Delta R.T.: -0.015 min  
Response: 81039368  
Conc: 1533.48 ng/ml



#27 Chlordane-5

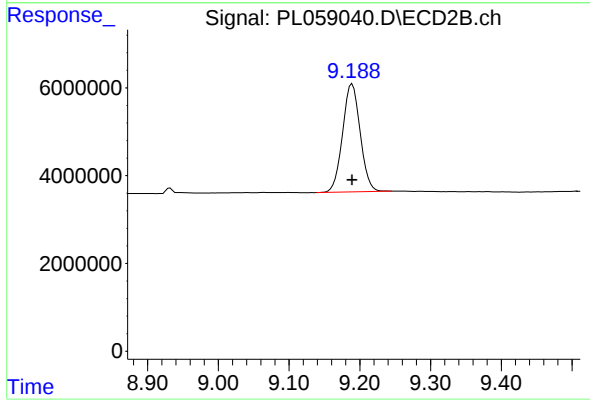
R.T.: 7.079 min  
Delta R.T.: -0.006 min  
Response: 1243247  
Conc: 15.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.307 min  
Delta R.T.: -0.006 min  
Response: 31573170  
Conc: 18.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.189 min  
Delta R.T.: 0.000 min  
Response: 42595156  
Conc: 16.16 ng/ml