

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030520\  
 Data File : PL057099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Mar 2020 18:49  
 Operator : AJ\MA  
 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: Mar 06 03:18:34 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 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... | 3.460 | 3.958  | 421.7E6 | 112.5E6  | 49.485   | 52.720     |
| 28)                         | SA Decachlor... | 8.209 | 8.982  | 418.4E6 | 97119829 | 43.289   | 45.709     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.344  | 734.2E6 | 172.3E6  | 49.544   | 54.542     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.627  | 682.8E6 | 167.2E6  | 49.690   | 53.790     |
| 4)                          | MA Heptachlor   | 4.480 | 5.129  | 663.9E6 | 166.1E6  | 48.876   | 53.378     |
| 5)                          | MB Aldrin       | 4.728 | 5.430  | 646.0E6 | 162.3E6  | 50.028   | 54.292     |
| 6)                          | B beta-BHC      | 4.431 | 4.799  | 264.7E6 | 74583415 | 49.975   | 52.920     |
| 7)                          | B delta-BHC     | 4.635 | 5.013  | 669.3E6 | 145.2E6  | 51.303   | 59.635     |
| 8)                          | B Heptachlo...  | 5.171 | 5.816  | 595.1E6 | 150.2E6  | 49.184   | 54.193     |
| 9)                          | A Endosulfan I  | 5.510 | 6.170  | 550.7E6 | 144.0E6  | 48.576   | 51.566     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.049  | 608.0E6 | 159.1E6  | 48.951   | 53.156     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.120  | 601.5E6 | 158.3E6  | 48.957   | 52.522     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.279  | 572.1E6 | 146.7E6  | 48.823   | 51.693     |
| 13)                         | MA Dieldrin     | 5.753 | 6.426  | 593.2E6 | 151.6E6  | 48.516   | 51.515     |
| 14)                         | MA Endrin       | 6.010 | 6.642  | 502.3E6 | 126.1E6  | 46.170   | 48.915     |
| 15)                         | B Endosulfa...  | 6.283 | 6.852  | 502.4E6 | 130.7E6  | 46.517   | 46.594     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.768  | 472.8E6 | 122.7E6  | 48.838   | 50.375     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.065  | 437.4E6 | 114.6E6  | 44.705   | 46.587     |
| 18)                         | B Endrin al...  | 6.451 | 6.976  | 414.2E6 | 111.2E6  | 46.296   | 48.002     |
| 19)                         | B Endosulfa...  | 6.664 | 7.199  | 465.7E6 | 123.3E6  | 46.634   | 49.173     |
| 20)                         | A Methoxychlor  | 6.922 | 7.525  | 227.5E6 | 60419518 | 45.633   | 48.362     |
| 21)                         | B Endrin ke...  | 7.155 | 7.667  | 530.3E6 | 131.3E6  | 46.964   | 47.913     |
| 22)                         | Mirex           | 7.342 | 8.117  | 363.7E6 | 90423281 | 44.880   | 47.165     |
| 24)                         | Chlordane-2     | 0.000 | 5.430f | 0       | 162.3E6  | N.D.     | 1700.167 # |
| 25)                         | Chlordane-3     | 5.398 | 6.049  | 608.0E6 | 159.1E6  | 563.687  | 419.879 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.120  | 601.5E6 | 158.3E6  | 654.512  | 345.286 #  |
| 27)                         | Chlordane-5     | 6.283 | 0.000  | 502.4E6 | 0        | 1383.056 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

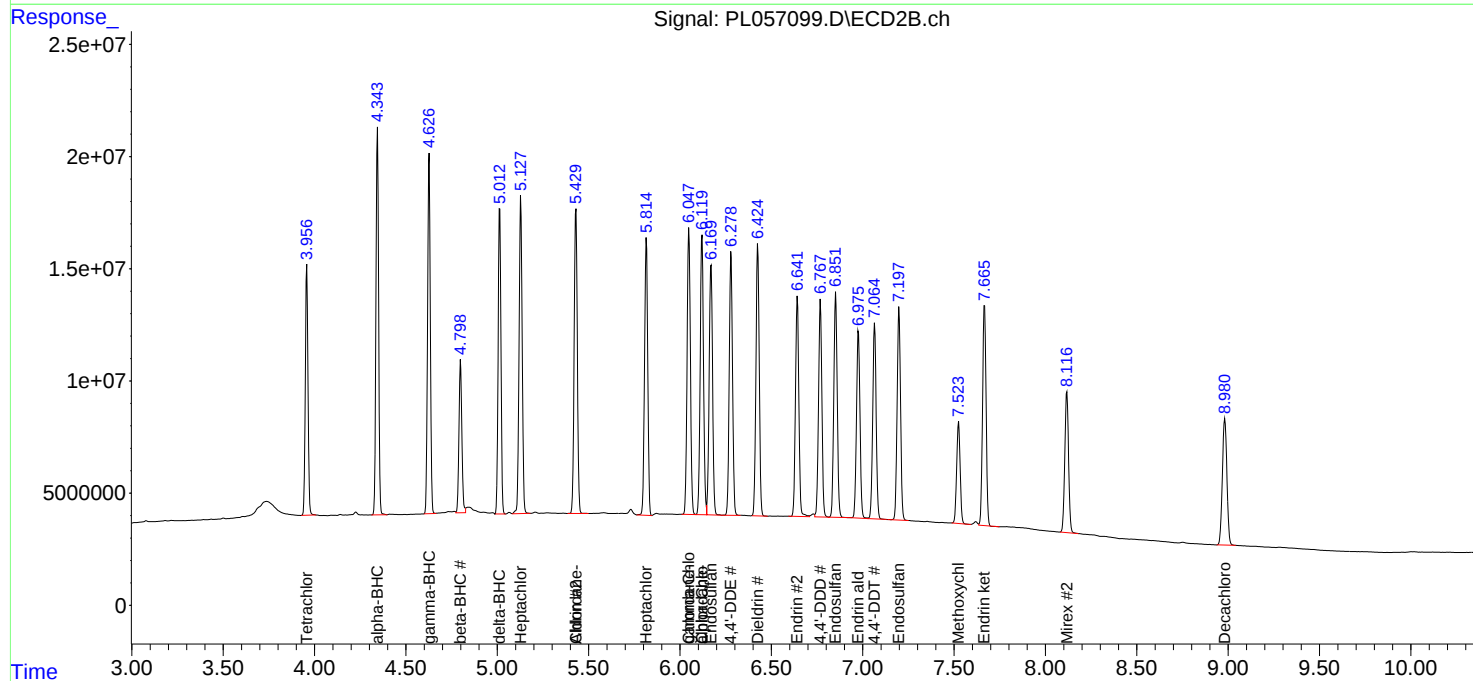
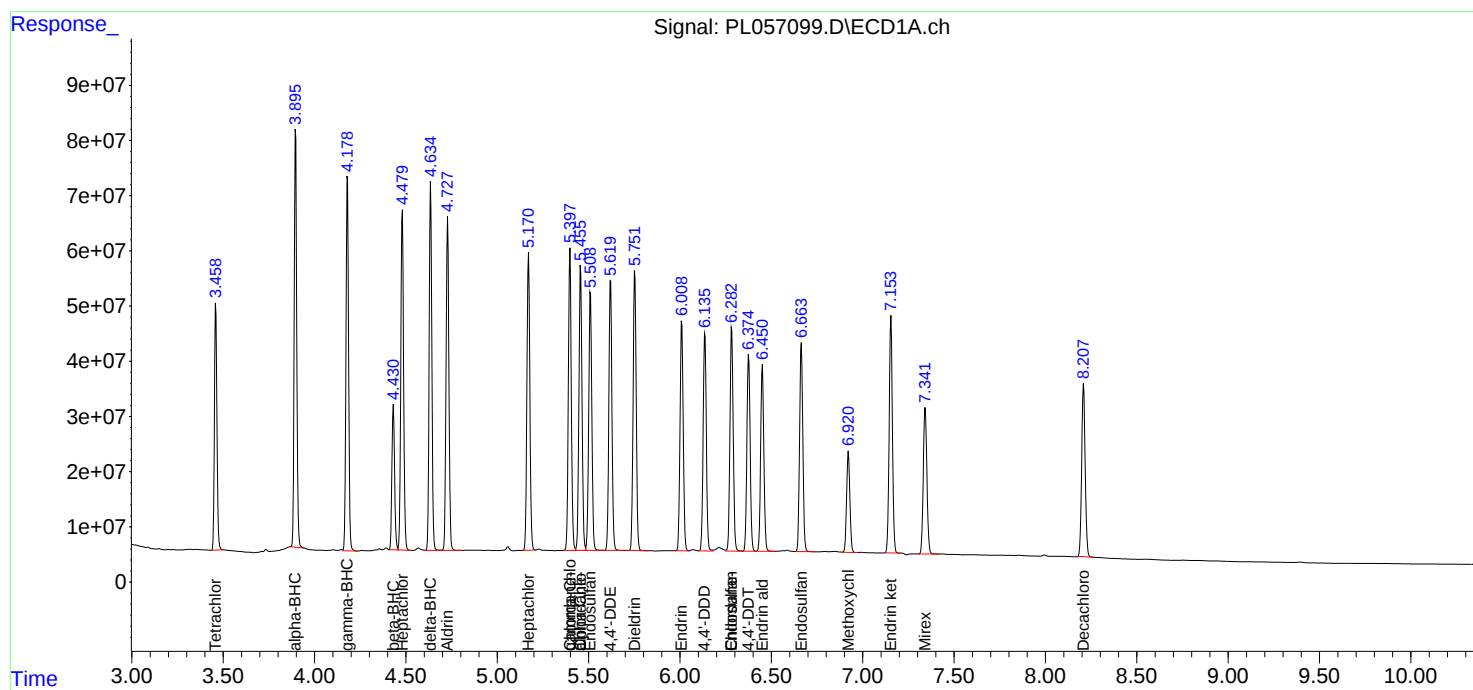
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

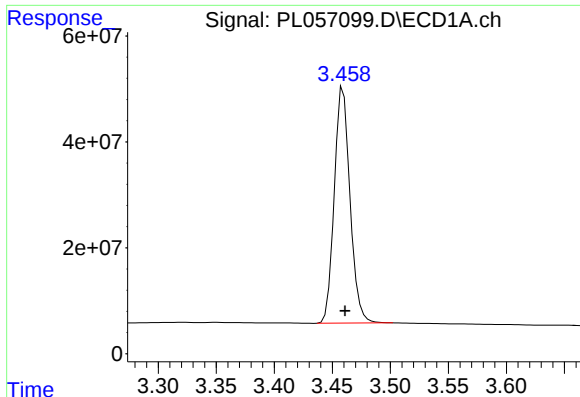
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030520\  
Data File : PL057099.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Mar 2020 18:49  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 06 03:18:34 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 04 03:55:01 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

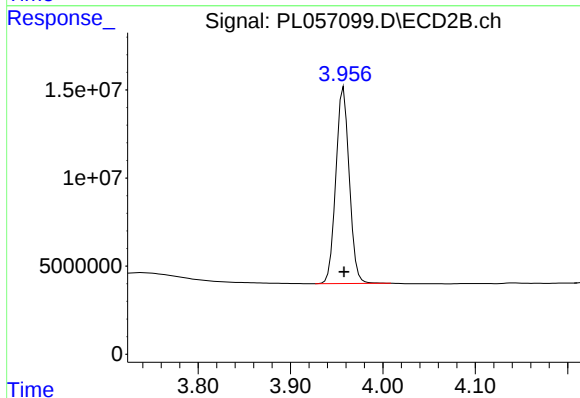




#1 Tetrachloro-m-xylene

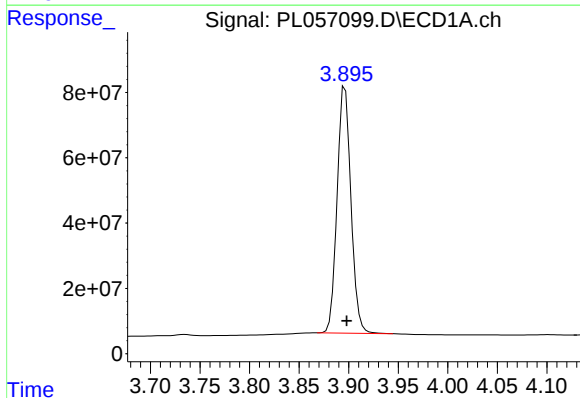
R.T.: 3.460 min  
Delta R.T.: -0.001 min  
Response: 421728109  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



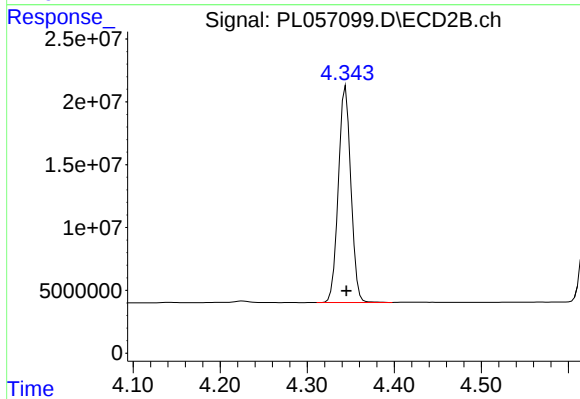
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 112478393  
Conc: 52.72 ng/ml



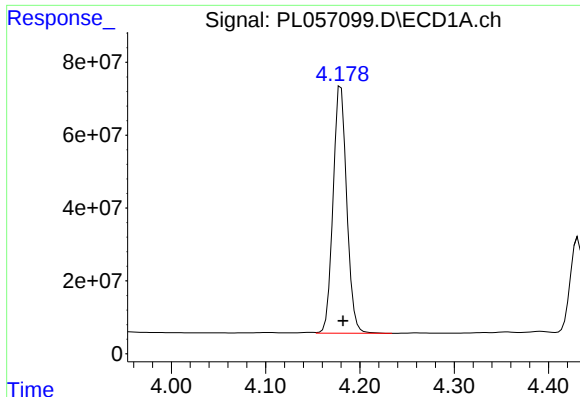
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 734234772  
Conc: 49.54 ng/ml



#2 alpha-BHC

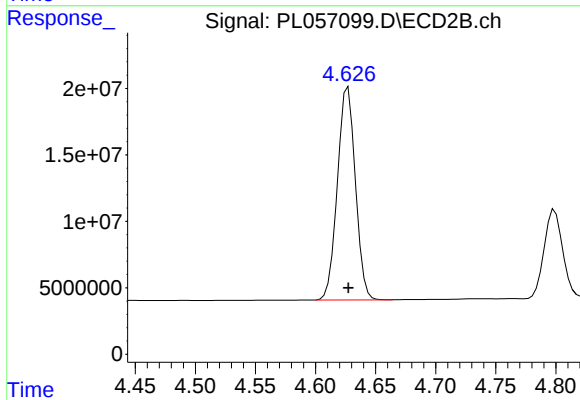
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 172296886  
Conc: 54.54 ng/ml



#3 gamma-BHC (Lindane)

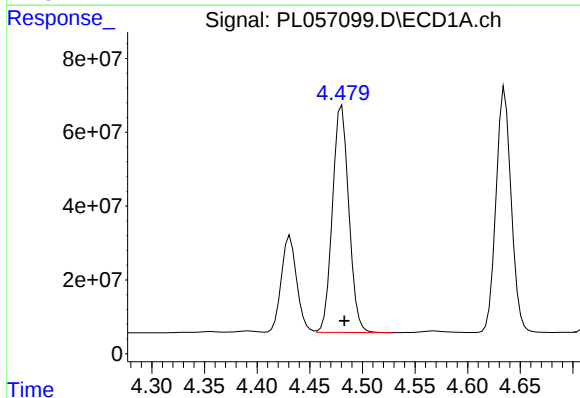
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 682774096  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



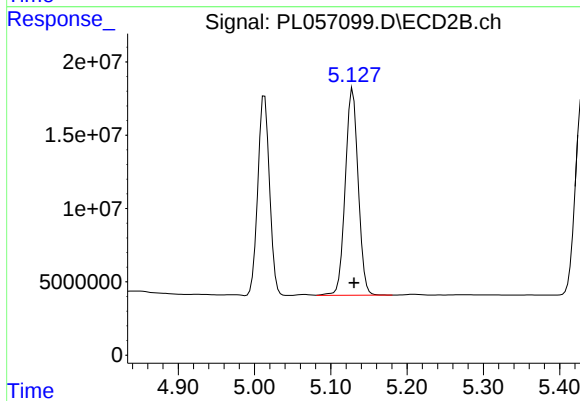
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 167218062  
Conc: 53.79 ng/ml



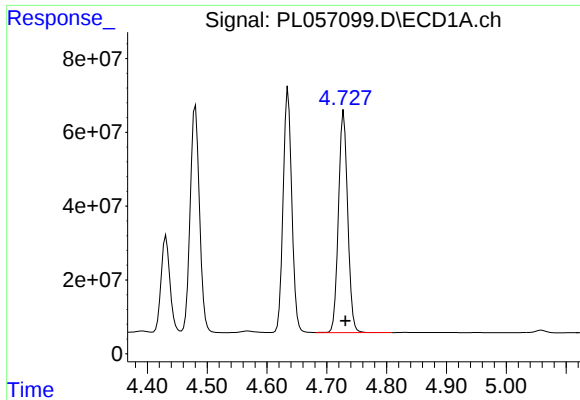
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: -0.003 min  
Response: 663933330  
Conc: 48.88 ng/ml



#4 Heptachlor

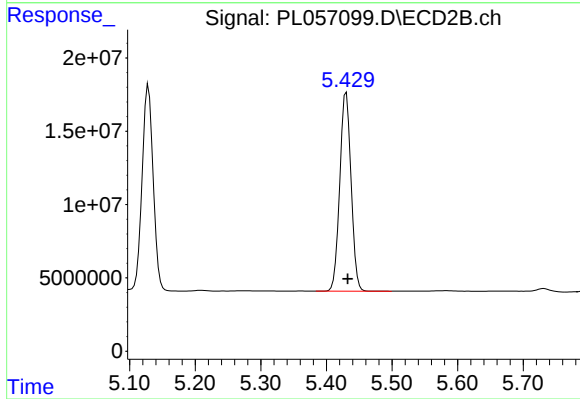
R.T.: 5.129 min  
Delta R.T.: -0.002 min  
Response: 166131942  
Conc: 53.38 ng/ml



#5 Aldrin

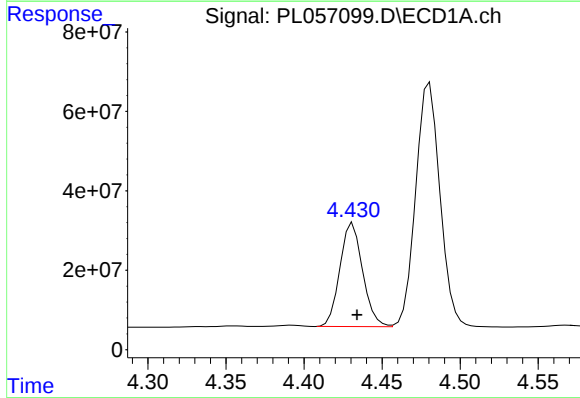
R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 646001035  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



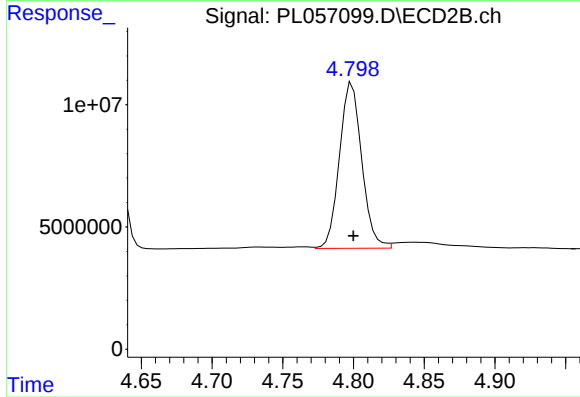
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: -0.002 min  
Response: 162288152  
Conc: 54.29 ng/ml



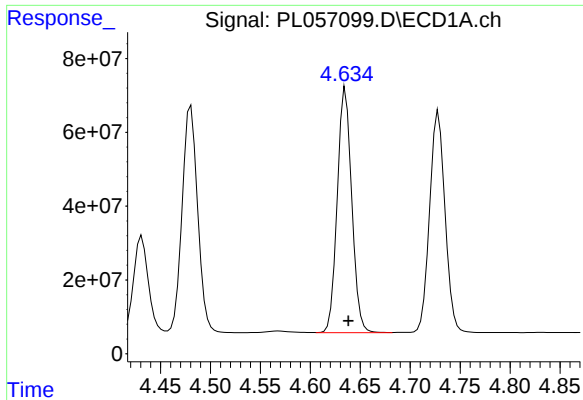
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.003 min  
Response: 264727959  
Conc: 49.98 ng/ml



#6 beta-BHC

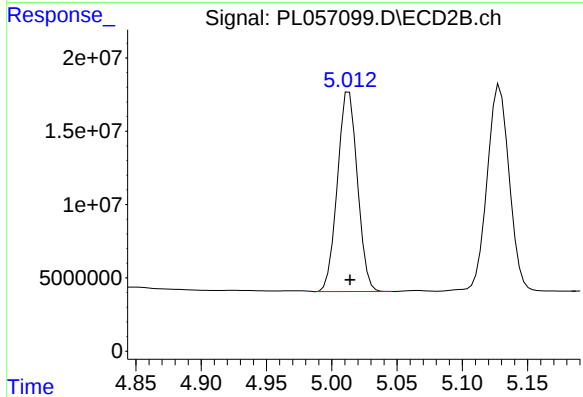
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 74583415  
Conc: 52.92 ng/ml



#7 delta-BHC

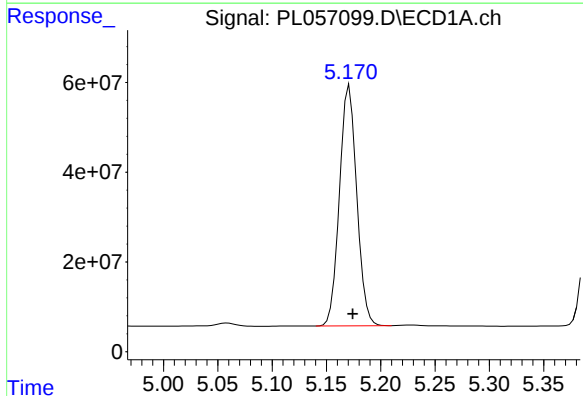
R.T.: 4.635 min  
Delta R.T.: -0.003 min  
Response: 669310810  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



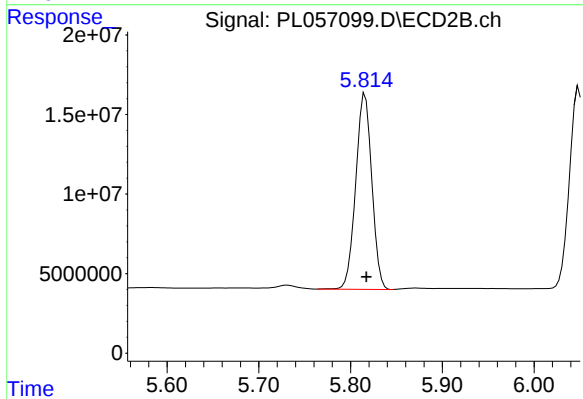
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 145198873  
Conc: 59.63 ng/ml



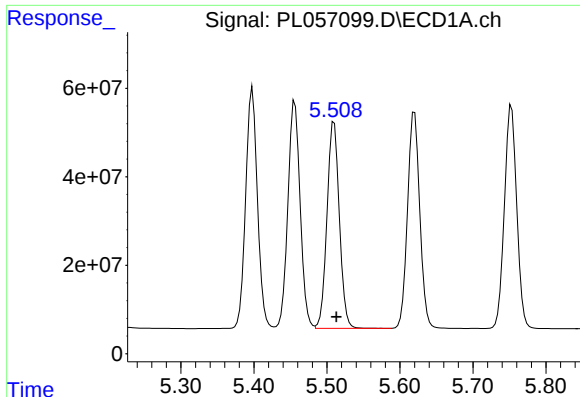
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: -0.003 min  
Response: 595125542  
Conc: 49.18 ng/ml



#8 Heptachlor epoxide

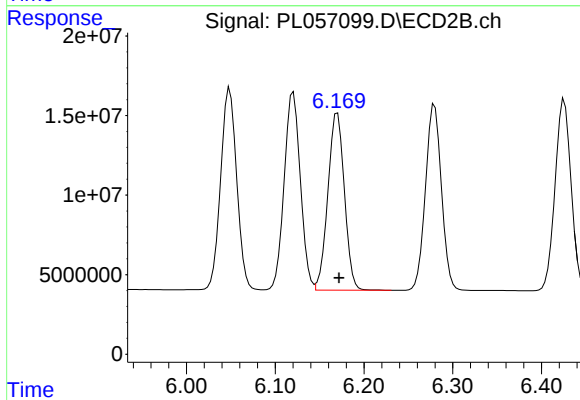
R.T.: 5.816 min  
Delta R.T.: -0.001 min  
Response: 150172738  
Conc: 54.19 ng/ml



#9 Endosulfan I

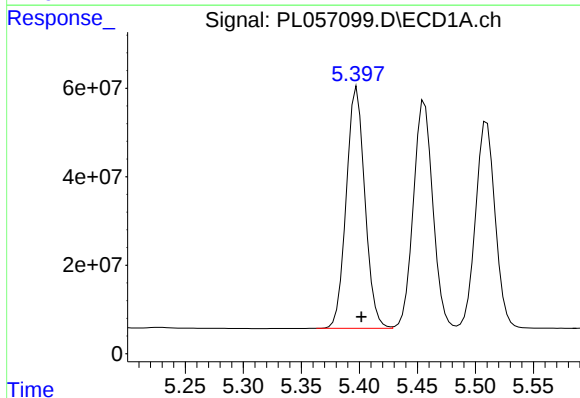
R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 550657114  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



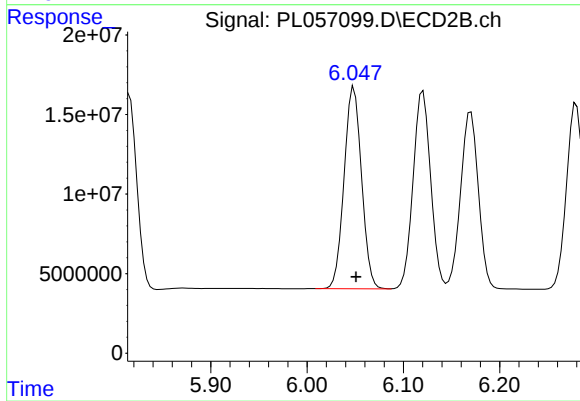
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: -0.002 min  
Response: 144045627  
Conc: 51.57 ng/ml



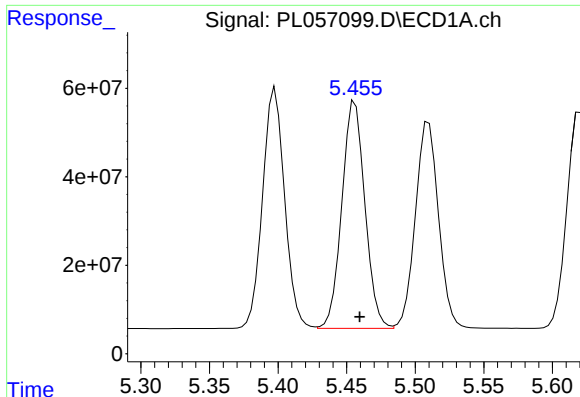
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: -0.004 min  
Response: 608010353  
Conc: 48.95 ng/ml



#10 gamma-Chlordane

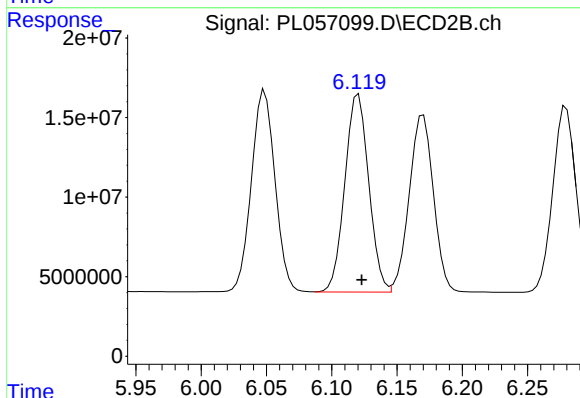
R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 159129302  
Conc: 53.16 ng/ml



#11 alpha-Chlordane

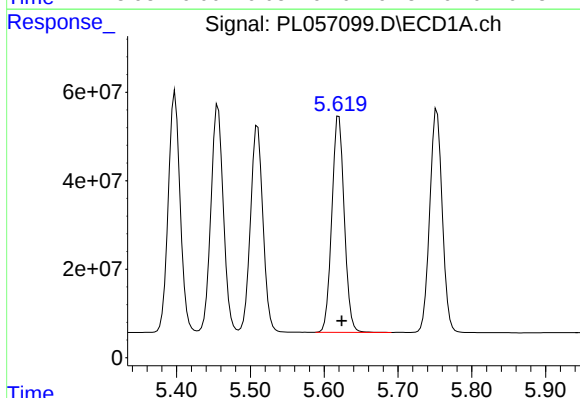
R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 601491973  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



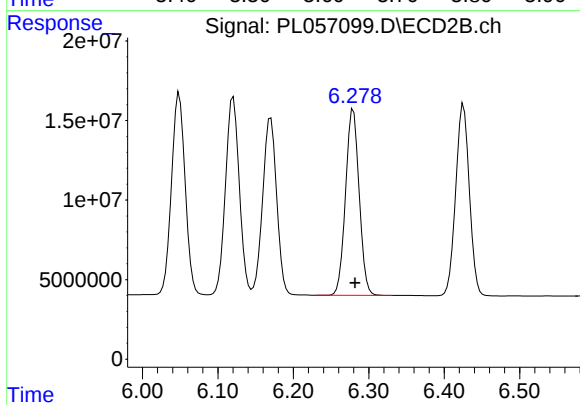
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 158325923  
Conc: 52.52 ng/ml



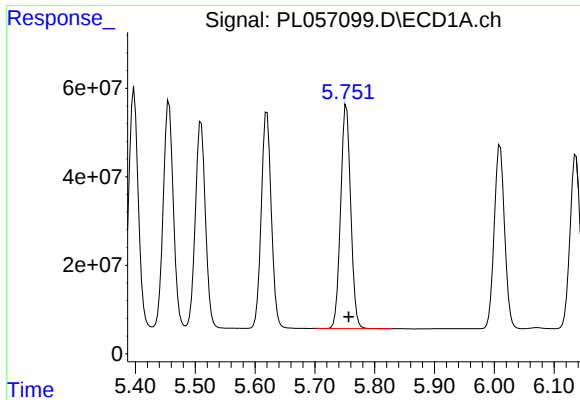
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: -0.004 min  
Response: 572104329  
Conc: 48.82 ng/ml



#12 4,4'-DDE

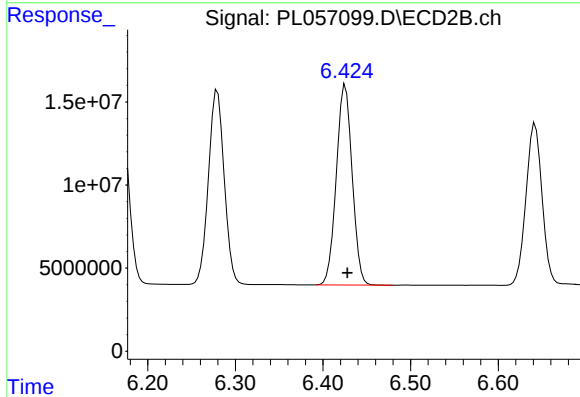
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 146700005  
Conc: 51.69 ng/ml



#13 Dieldrin

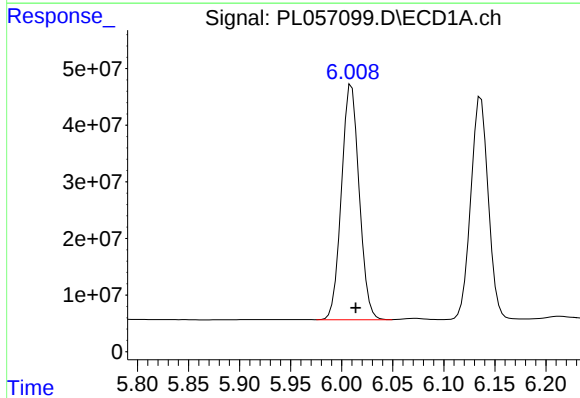
R.T.: 5.753 min  
Delta R.T.: -0.004 min  
Response: 593189173  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



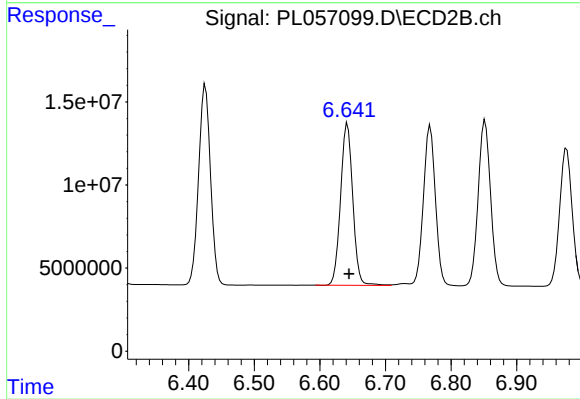
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: -0.002 min  
Response: 151622136  
Conc: 51.52 ng/ml



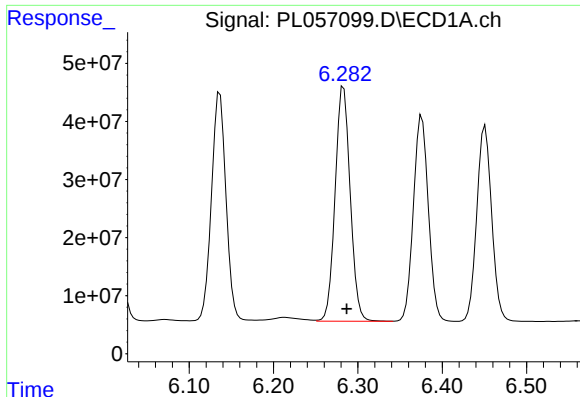
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.004 min  
Response: 502309073  
Conc: 46.17 ng/ml



#14 Endrin

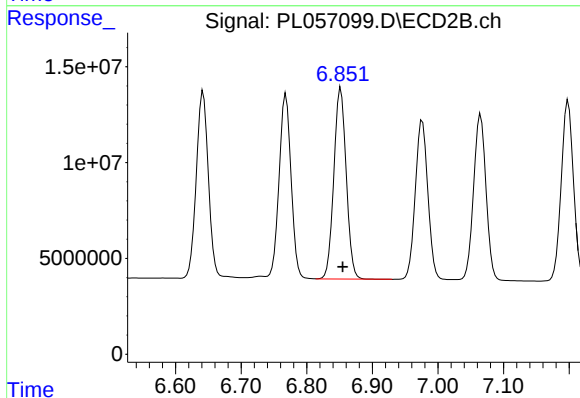
R.T.: 6.642 min  
Delta R.T.: -0.003 min  
Response: 126142250  
Conc: 48.92 ng/ml



#15 Endosulfan II

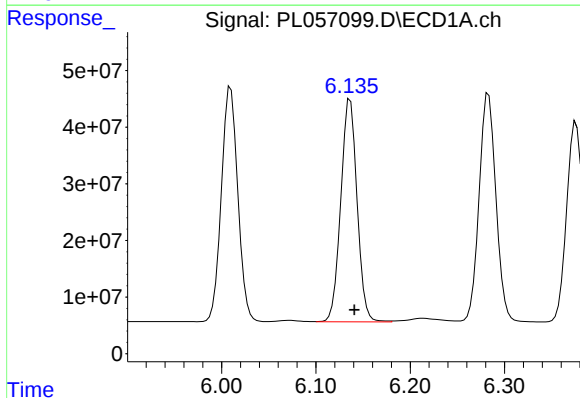
R.T.: 6.283 min  
Delta R.T.: -0.004 min  
Response: 502359934  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



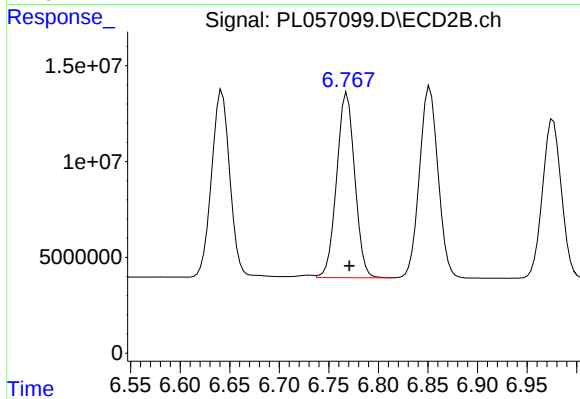
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: -0.003 min  
Response: 130744150  
Conc: 46.59 ng/ml



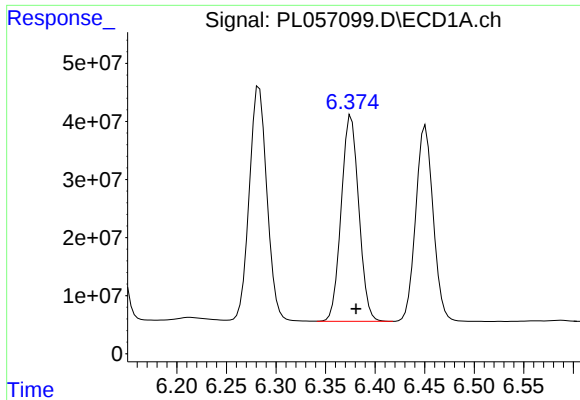
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 472787399  
Conc: 48.84 ng/ml



#16 4,4'-DDD

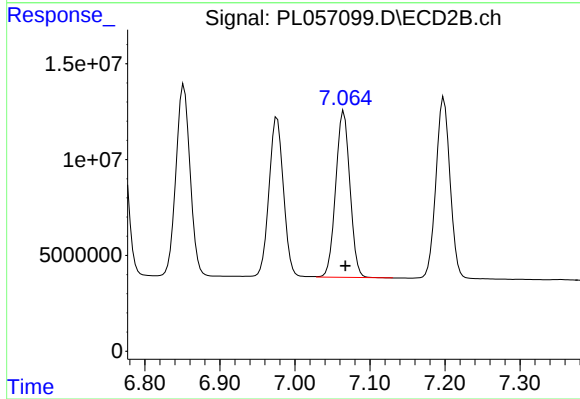
R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 122714216  
Conc: 50.37 ng/ml



#17 4,4'-DDT

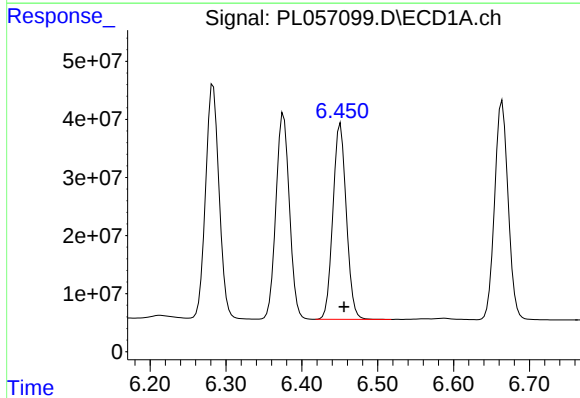
R.T.: 6.376 min  
Delta R.T.: -0.005 min  
Response: 437448139  
Conc: 44.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



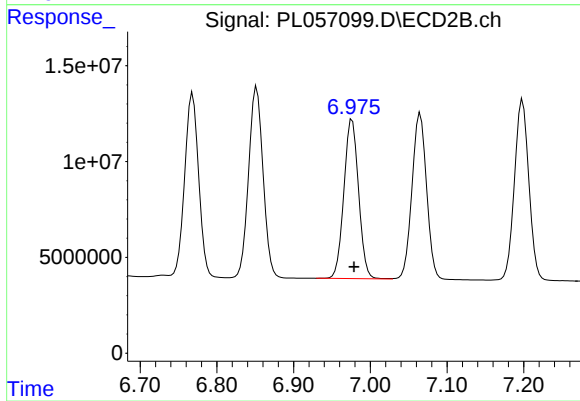
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 114601325  
Conc: 46.59 ng/ml



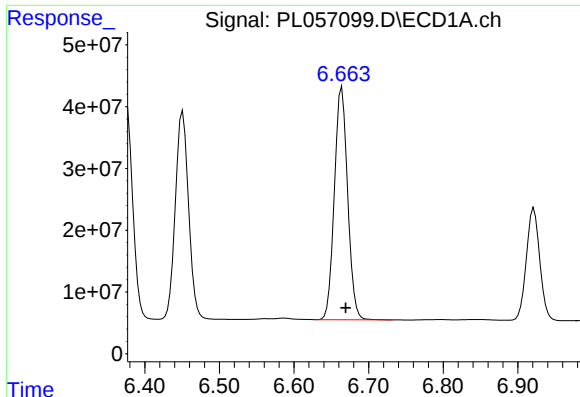
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: -0.005 min  
Response: 414177937  
Conc: 46.30 ng/ml



#18 Endrin aldehyde

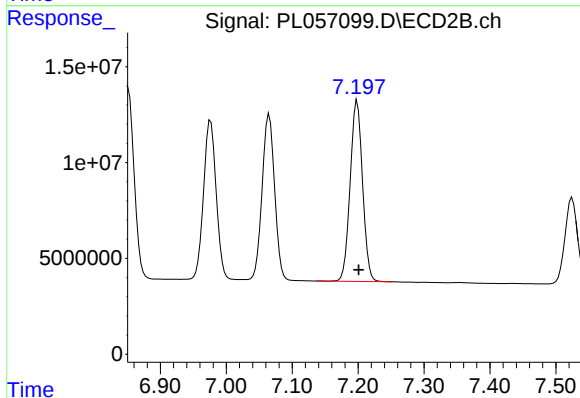
R.T.: 6.976 min  
Delta R.T.: -0.003 min  
Response: 111234390  
Conc: 48.00 ng/ml



#19 Endosulfan Sulfate

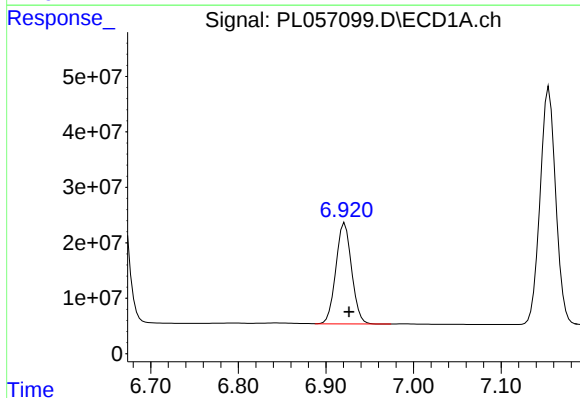
R.T.: 6.664 min  
Delta R.T.: -0.005 min  
Response: 465740351  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



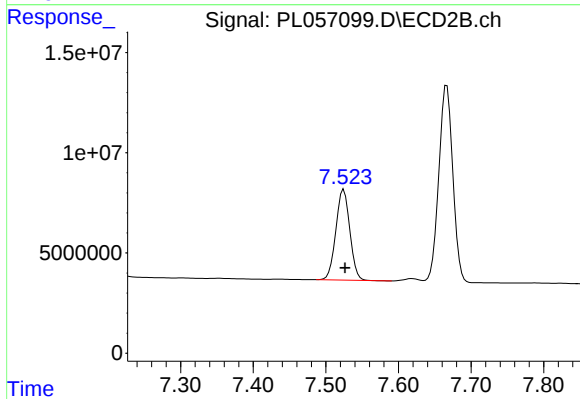
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: -0.002 min  
Response: 123319496  
Conc: 49.17 ng/ml



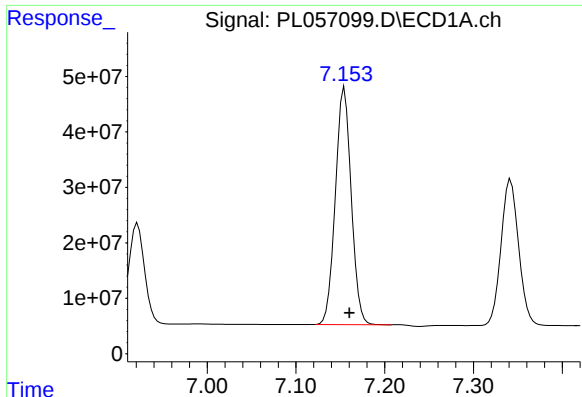
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: -0.005 min  
Response: 227534924  
Conc: 45.63 ng/ml



#20 Methoxychlor

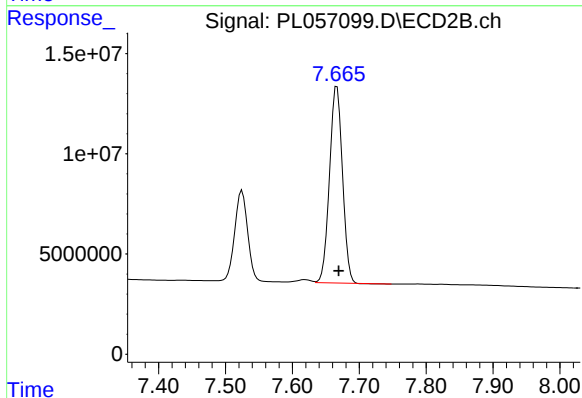
R.T.: 7.525 min  
Delta R.T.: -0.002 min  
Response: 60419518  
Conc: 48.36 ng/ml



#21 Endrin ketone

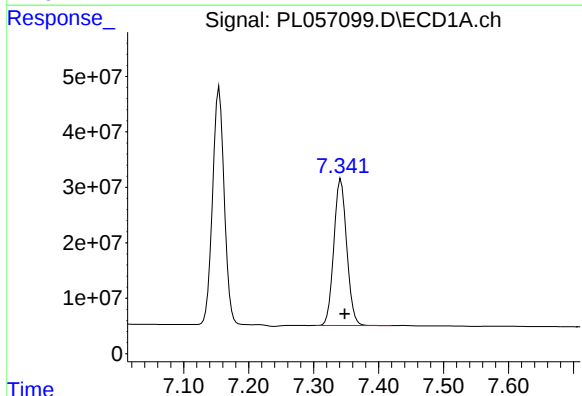
R.T.: 7.155 min  
Delta R.T.: -0.006 min  
Response: 530347898  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



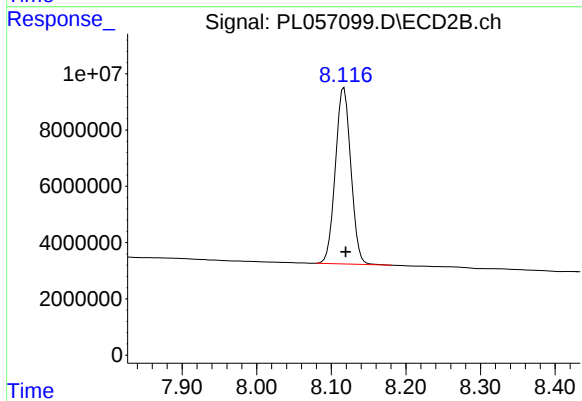
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.003 min  
Response: 131302109  
Conc: 47.91 ng/ml



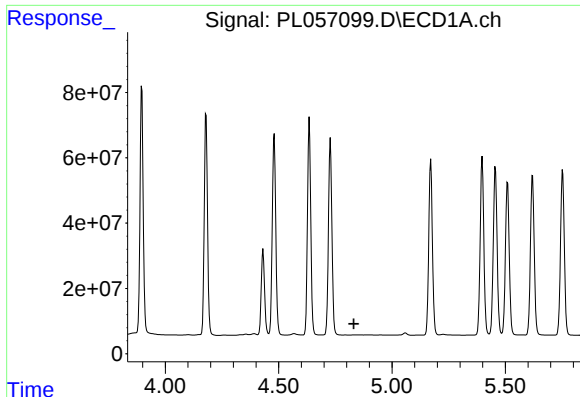
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: -0.006 min  
Response: 363678141  
Conc: 44.88 ng/ml



#22 Mirex

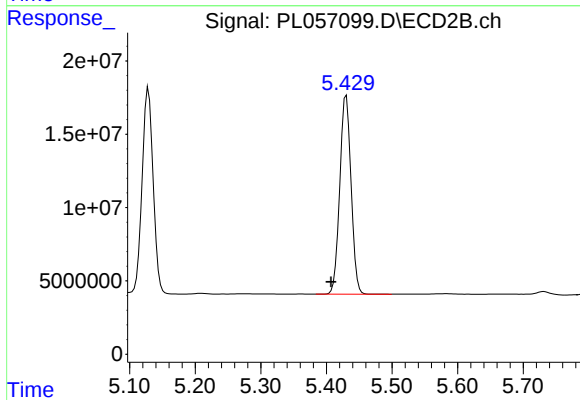
R.T.: 8.117 min  
Delta R.T.: -0.002 min  
Response: 90423281  
Conc: 47.17 ng/ml



#24 Chlordane-2

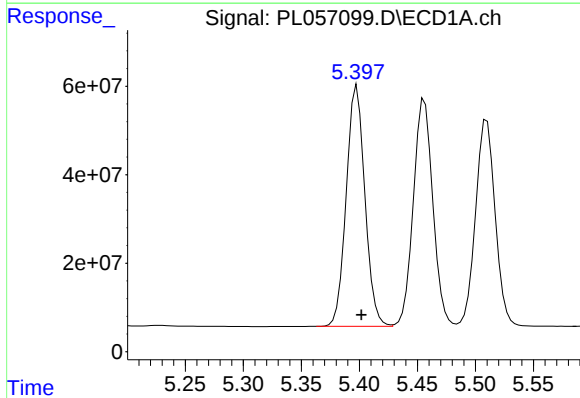
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



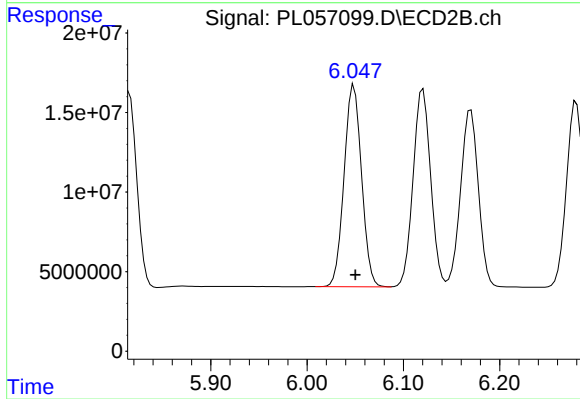
#24 Chlordane-2

R.T.: 5.430 min  
Delta R.T.: 0.023 min  
Response: 162288152  
Conc: 1700.17 ng/ml



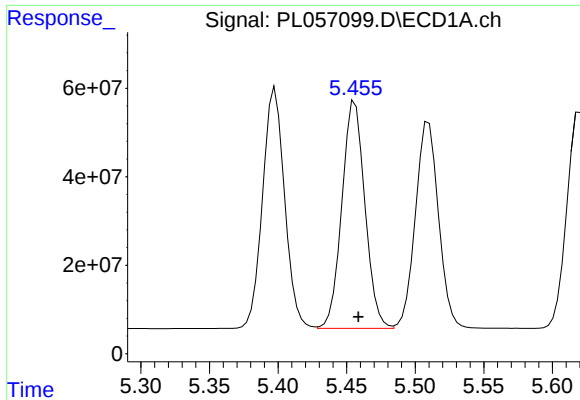
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: -0.004 min  
Response: 608010353  
Conc: 563.69 ng/ml



#25 Chlordane-3

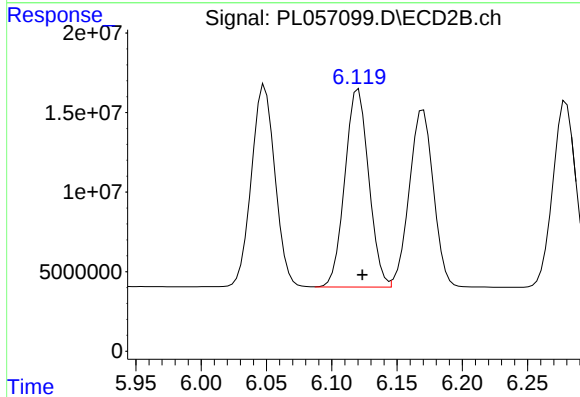
R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 159129302  
Conc: 419.88 ng/ml



#26 Chlordane-4

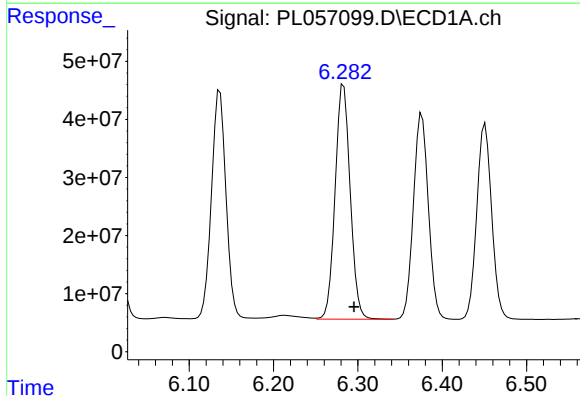
R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 601491973  
Conc: 654.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



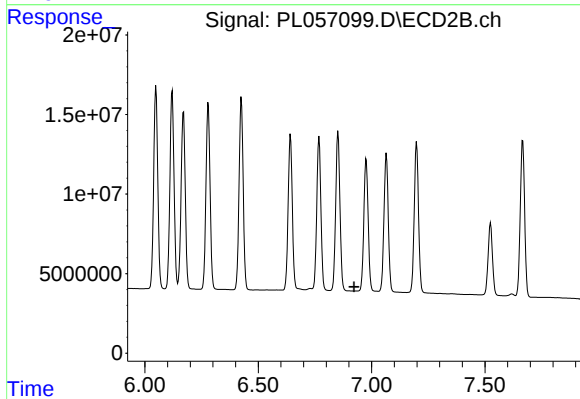
#26 Chlordane-4

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 158325923  
Conc: 345.29 ng/ml



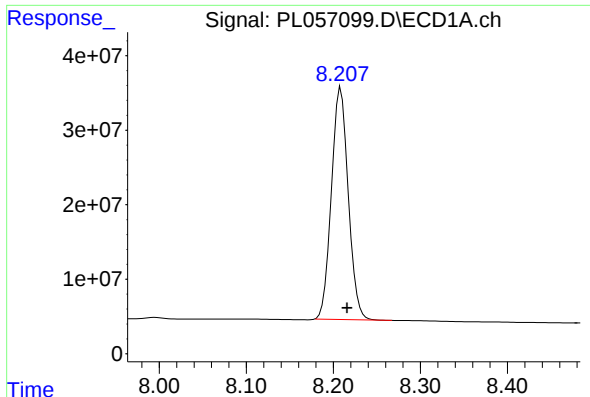
#27 Chlordane-5

R.T.: 6.283 min  
Delta R.T.: -0.012 min  
Response: 502359934  
Conc: 1383.06 ng/ml



#27 Chlordane-5

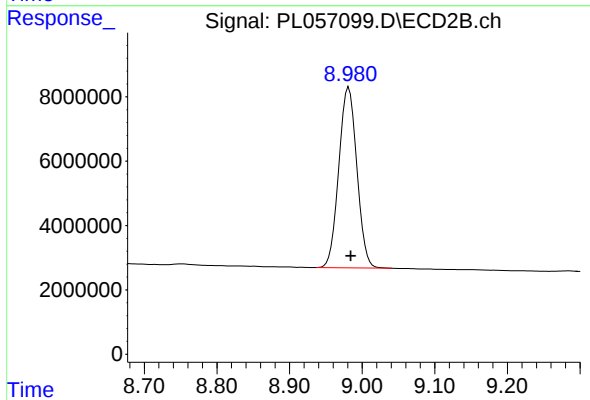
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: -0.007 min  
Response: 418396680  
Conc: 43.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: -0.003 min  
Response: 97119829  
Conc: 45.71 ng/ml