

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059957.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 14:47  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 17:51:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.464 | 4.011  | 108.3E6  | 143.2E6  | 56.016   | 54.051     |
| 28)                         | SA Decachlor... | 8.225 | 9.098  | 66928488 | 89664718 | 40.684   | 42.873     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.901 | 4.400  | 160.7E6  | 211.9E6  | 55.907   | 54.887     |
| 3)                          | MA gamma-BHC... | 4.185 | 4.685  | 139.9E6  | 197.2E6  | 56.648   | 54.369     |
| 4)                          | MA Heptachlor   | 4.487 | 5.197  | 125.9E6  | 179.3E6  | 56.140   | 53.301     |
| 5)                          | MB Aldrin       | 4.736 | 5.503  | 109.1E6  | 160.7E6  | 55.273   | 51.592     |
| 6)                          | B beta-BHC      | 4.435 | 4.855  | 56125719 | 82788124 | 54.958   | 54.760     |
| 7)                          | B delta-BHC     | 4.640 | 5.073  | 126.5E6  | 178.4E6  | 56.897   | 57.251     |
| 8)                          | B Heptachlo...  | 5.179 | 5.890  | 100.3E6  | 153.2E6  | 54.619   | 56.877     |
| 9)                          | A Endosulfan I  | 5.518 | 6.248  | 90898243 | 132.3E6  | 54.033   | 49.609     |
| 10)                         | B gamma-Chl...  | 5.407 | 6.125  | 98414103 | 142.7E6  | 54.248   | 49.846     |
| 11)                         | B alpha-Chl...  | 5.465 | 6.197  | 97308967 | 143.1E6  | 53.962   | 50.036     |
| 12)                         | B 4,4'-DDE      | 5.630 | 6.355  | 88882854 | 129.2E6  | 53.372   | 48.276     |
| 13)                         | MA Dieldrin     | 5.761 | 6.505  | 93624846 | 133.5E6  | 53.059   | 48.254     |
| 14)                         | MA Endrin       | 6.018 | 6.724  | 79938849 | 105.2E6  | 54.919   | 49.439     |
| 15)                         | B Endosulfa...  | 6.291 | 6.933  | 83279413 | 115.0E6  | 49.864   | 45.768     |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.846  | 76319964 | 106.9E6  | 49.995   | 46.587     |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.146  | 66389054 | 90576423 | 51.062   | 46.000     |
| 18)                         | B Endrin al...  | 6.459 | 7.057  | 70217619 | 98224535 | 49.221   | 45.226     |
| 19)                         | B Endosulfa...  | 6.673 | 7.281  | 78653393 | 102.6E6  | 47.848   | 43.878     |
| 20)                         | A Methoxychlor  | 6.934 | 7.606  | 36982093 | 51803587 | 49.442   | 45.632     |
| 21)                         | B Endrin ke...  | 7.163 | 7.753  | 85829559 | 110.8E6  | 45.733   | 42.919     |
| 22)                         | Mirex           | 7.353 | 8.209  | 63638301 | 79294820 | 44.731   | 42.903     |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0        | 160.7E6  | N.D.     | 1402.531 # |
| 25)                         | Chlordane-3     | 5.407 | 6.125  | 98414103 | 142.7E6  | 581.934  | 368.913 #  |
| 26)                         | Chlordane-4     | 5.465 | 6.197  | 97308967 | 143.1E6  | 697.458  | 309.065 #  |
| 27)                         | Chlordane-5     | 6.291 | 0.000  | 83279413 | 0        | 1467.725 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

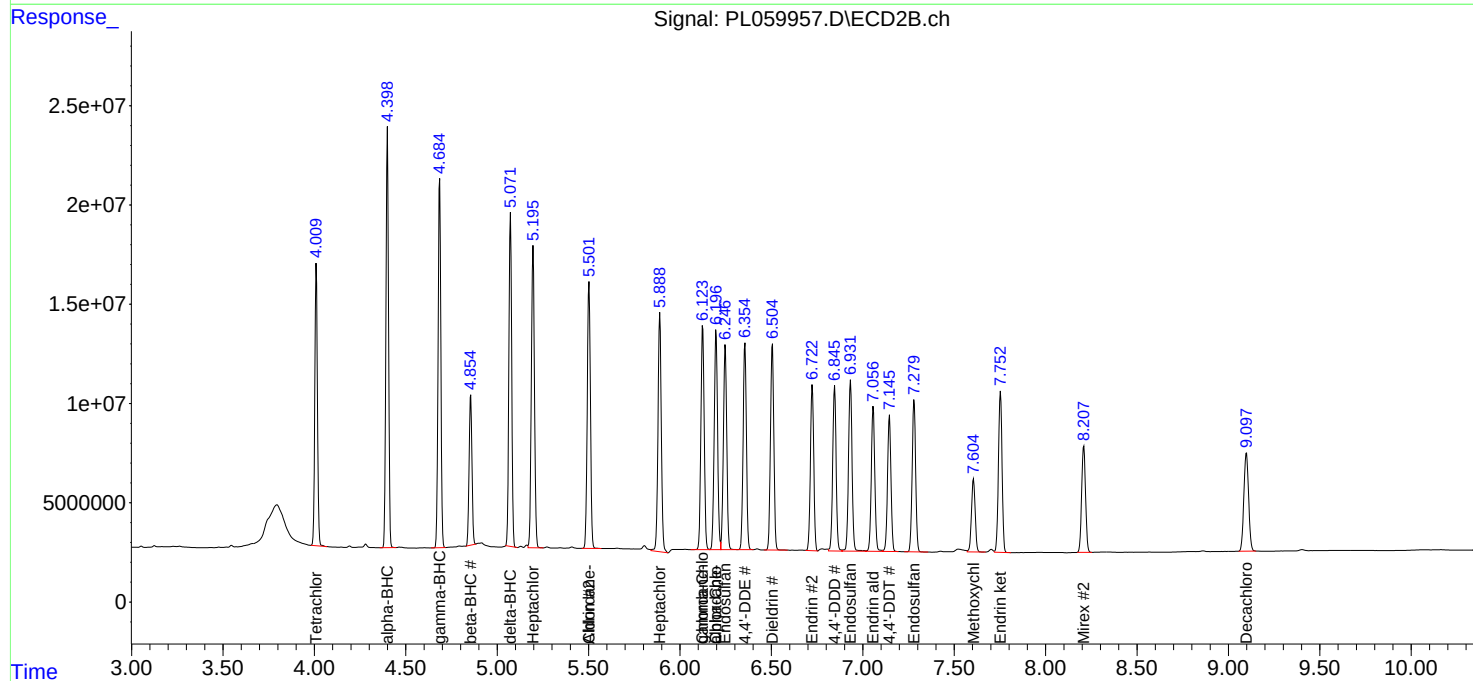
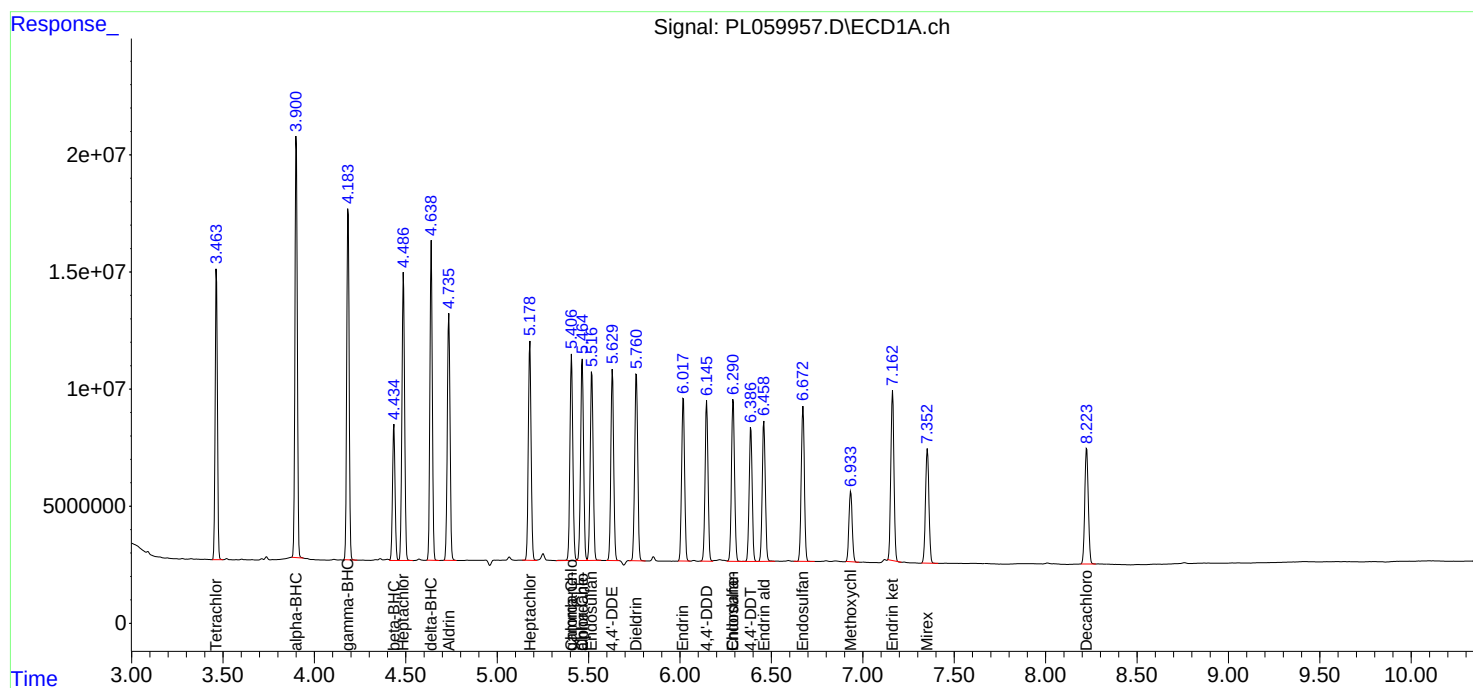
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

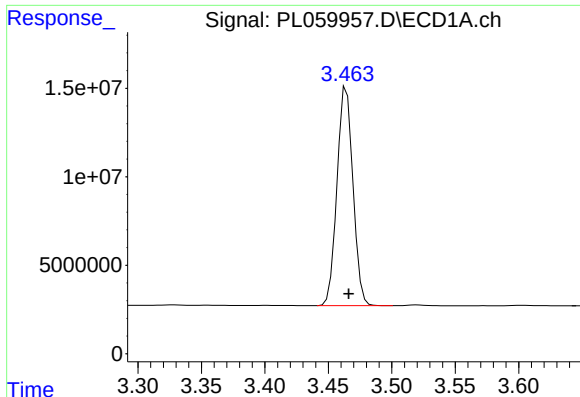
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
Data File : PL059957.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 14:47  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 17:51:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

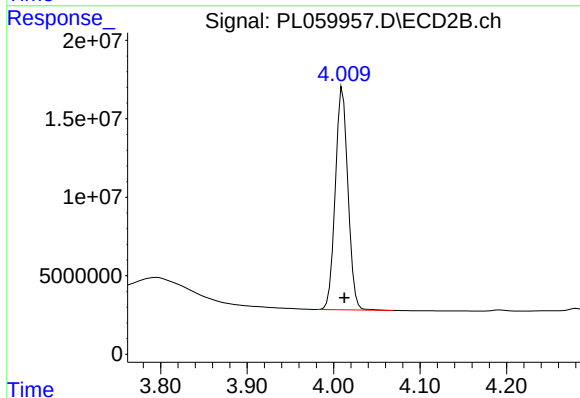




#1 Tetrachloro-m-xylene

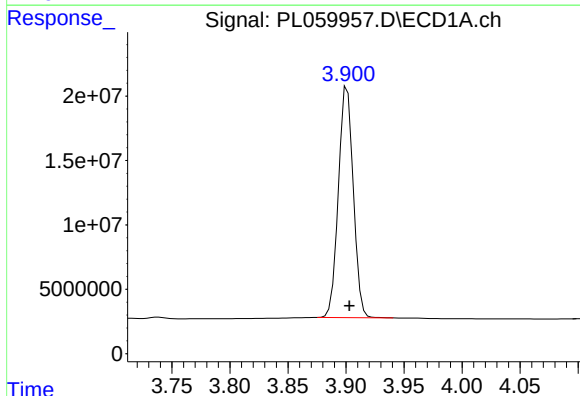
R.T.: 3.464 min  
Delta R.T.: -0.002 min  
Response: 108348122  
Conc: 56.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



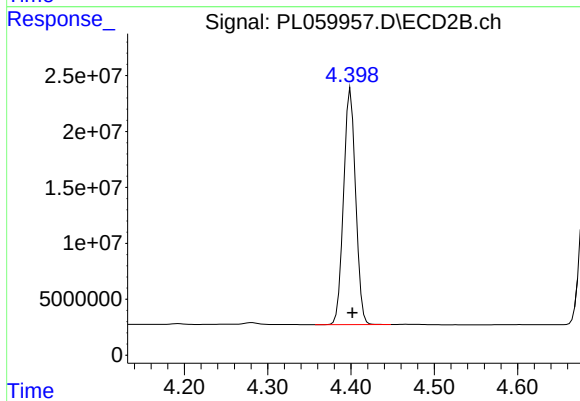
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.002 min  
Response: 143246835  
Conc: 54.05 ng/ml



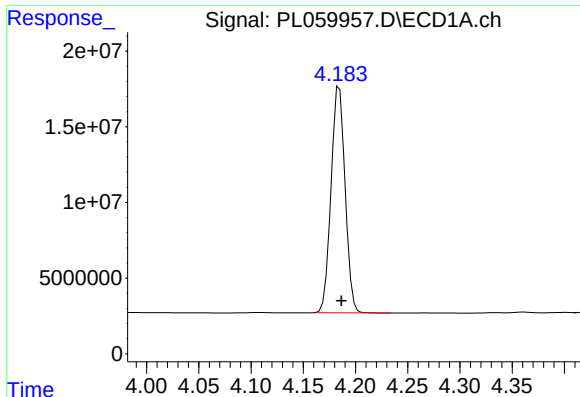
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: -0.002 min  
Response: 160693006  
Conc: 55.91 ng/ml



#2 alpha-BHC

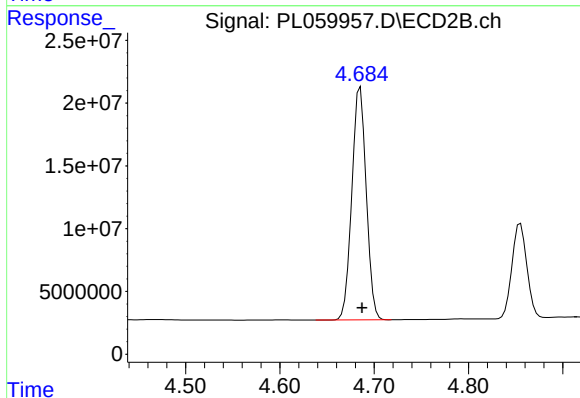
R.T.: 4.400 min  
Delta R.T.: -0.002 min  
Response: 211894925  
Conc: 54.89 ng/ml



#3 gamma-BHC (Lindane)

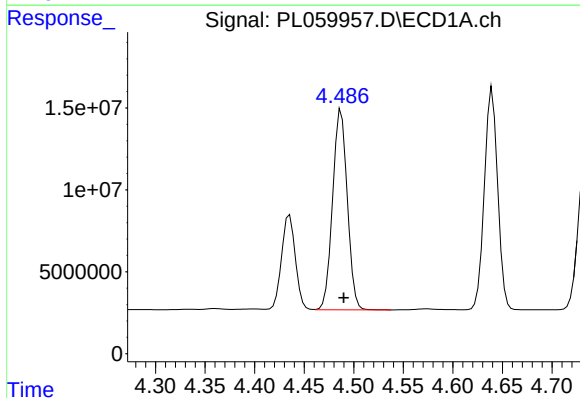
R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 139897831  
Conc: 56.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



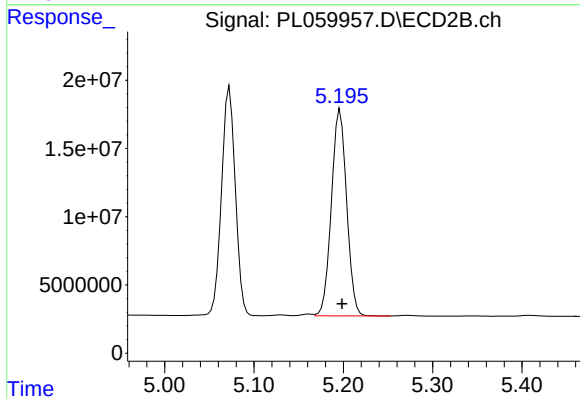
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: -0.002 min  
Response: 197194183  
Conc: 54.37 ng/ml



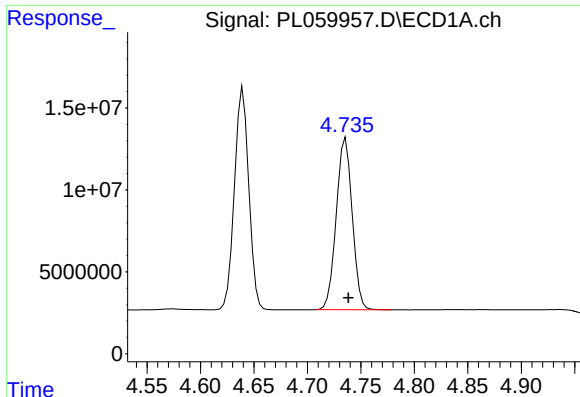
#4 Heptachlor

R.T.: 4.487 min  
Delta R.T.: -0.002 min  
Response: 125907766  
Conc: 56.14 ng/ml



#4 Heptachlor

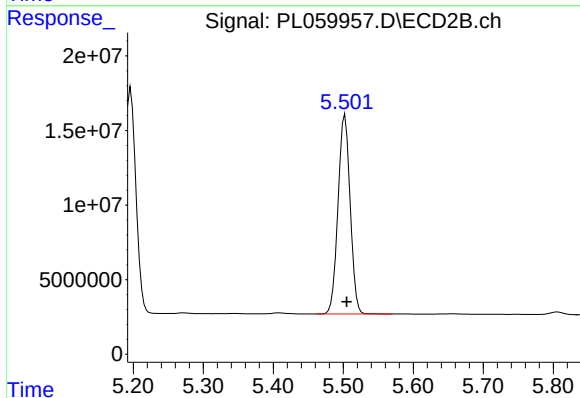
R.T.: 5.197 min  
Delta R.T.: -0.002 min  
Response: 179310402  
Conc: 53.30 ng/ml



#5 Aldrin

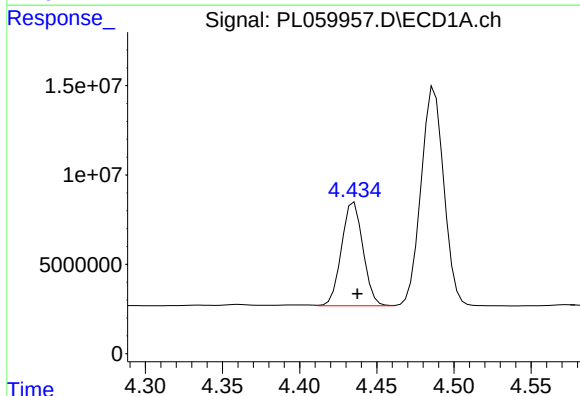
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 109067108  
Conc: 55.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



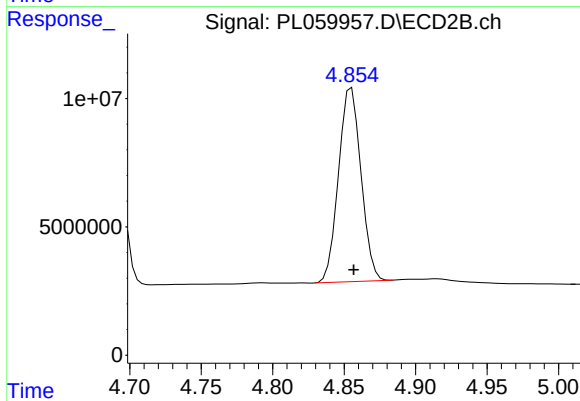
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 160695254  
Conc: 51.59 ng/ml



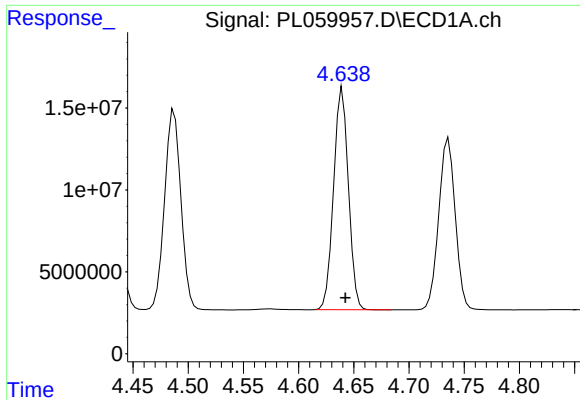
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 56125719  
Conc: 54.96 ng/ml



#6 beta-BHC

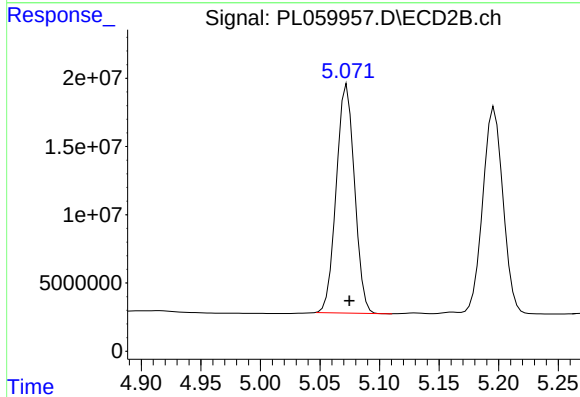
R.T.: 4.855 min  
Delta R.T.: -0.002 min  
Response: 82788124  
Conc: 54.76 ng/ml



#7 delta-BHC

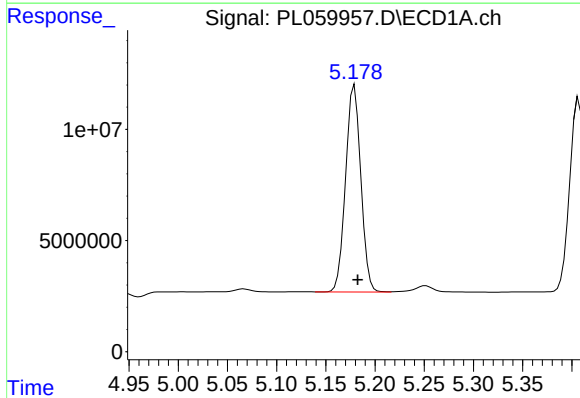
R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 126484550  
Conc: 56.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



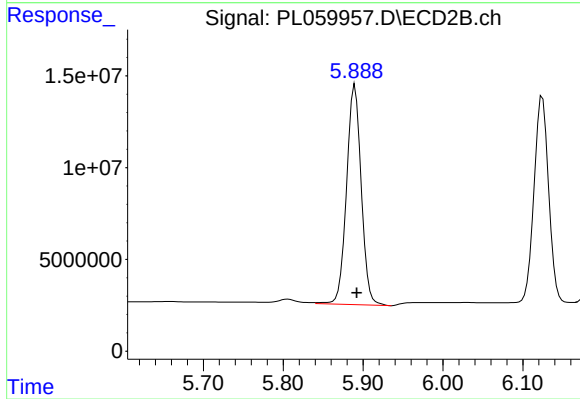
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 178375560  
Conc: 57.25 ng/ml



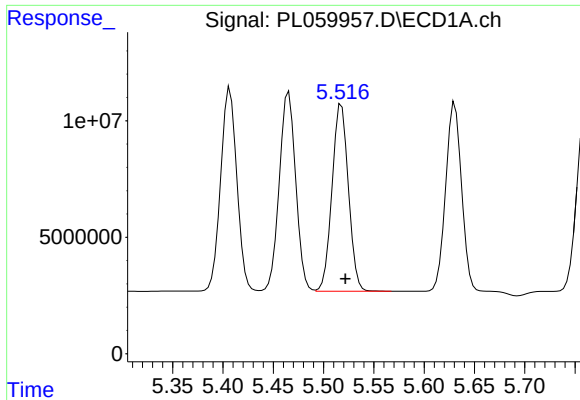
#8 Heptachlor epoxide

R.T.: 5.179 min  
Delta R.T.: -0.003 min  
Response: 100253820  
Conc: 54.62 ng/ml



#8 Heptachlor epoxide

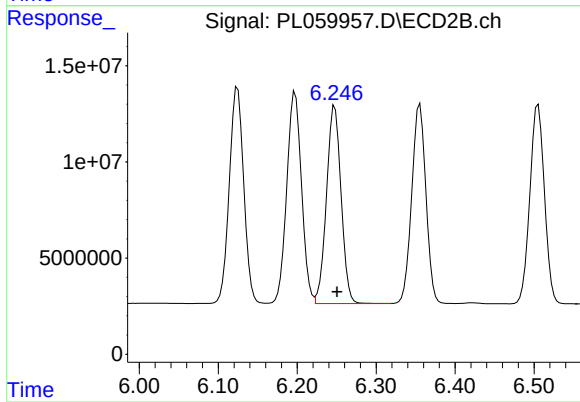
R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 153181754  
Conc: 56.88 ng/ml



#9 Endosulfan I

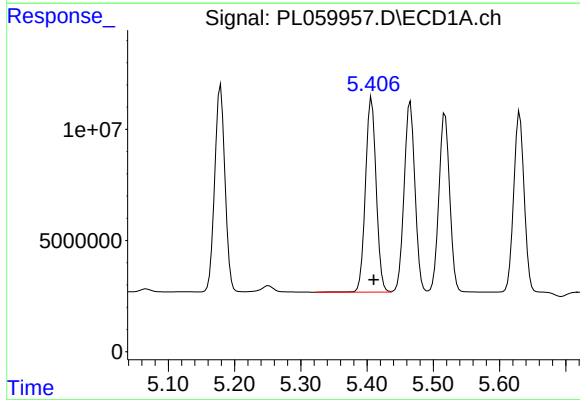
R.T.: 5.518 min  
Delta R.T.: -0.004 min  
Response: 90898243  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



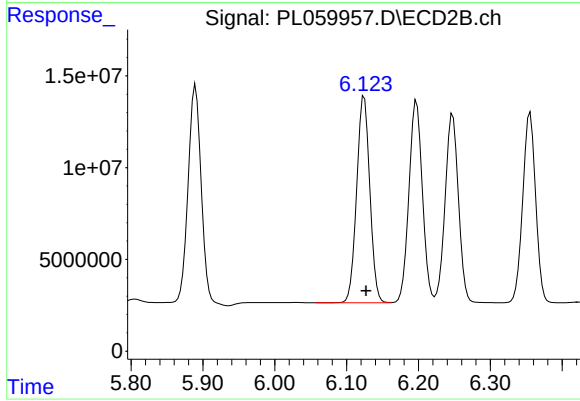
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 132324010  
Conc: 49.61 ng/ml



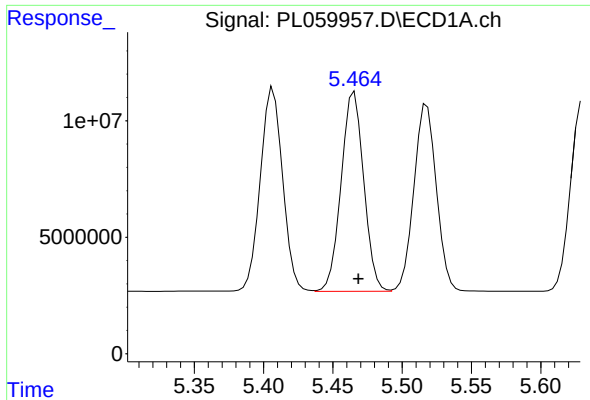
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 98414103  
Conc: 54.25 ng/ml



#10 gamma-Chlordane

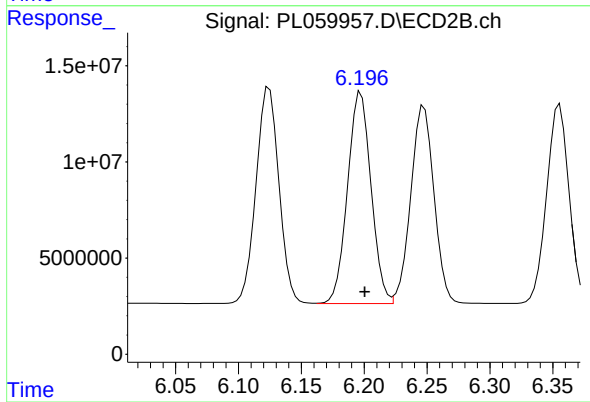
R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 142738926  
Conc: 49.85 ng/ml



#11 alpha-Chlordane

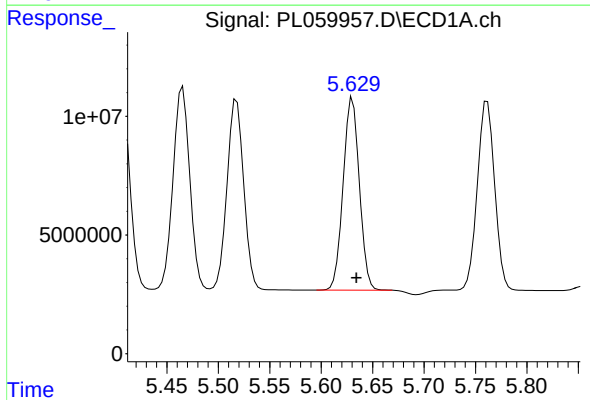
R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 97308967  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



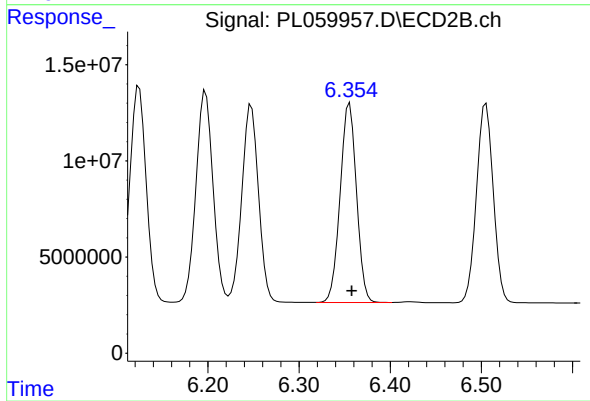
#11 alpha-Chlordane

R.T.: 6.197 min  
Delta R.T.: -0.003 min  
Response: 143065819  
Conc: 50.04 ng/ml



#12 4,4'-DDE

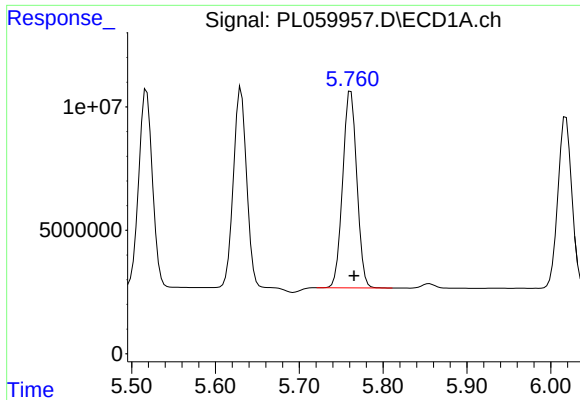
R.T.: 5.630 min  
Delta R.T.: -0.004 min  
Response: 88882854  
Conc: 53.37 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: -0.002 min  
Response: 129218849  
Conc: 48.28 ng/ml

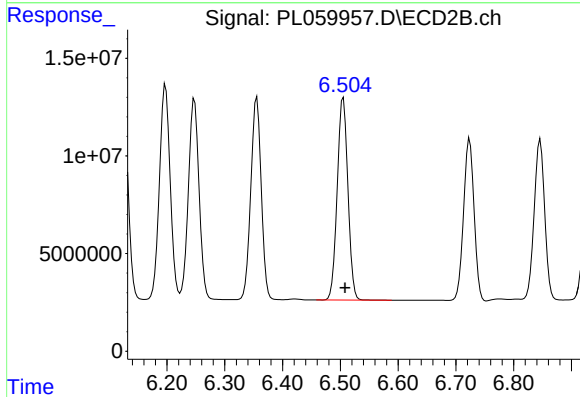




#13 Dieldrin

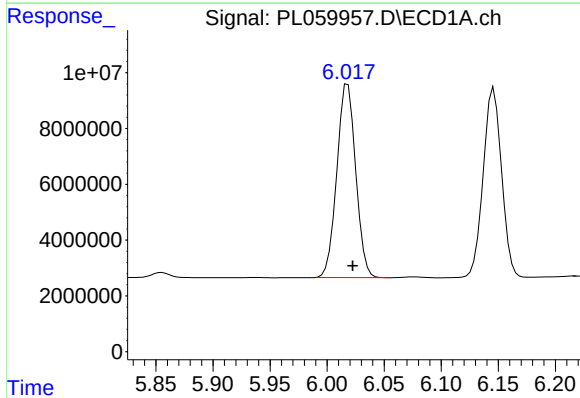
R.T.: 5.761 min  
Delta R.T.: -0.004 min  
Response: 93624846  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



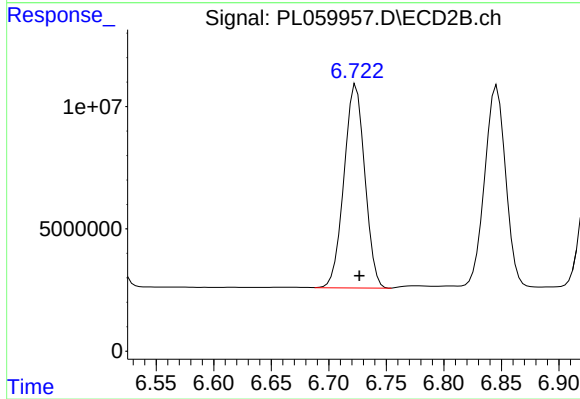
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 133480822  
Conc: 48.25 ng/ml



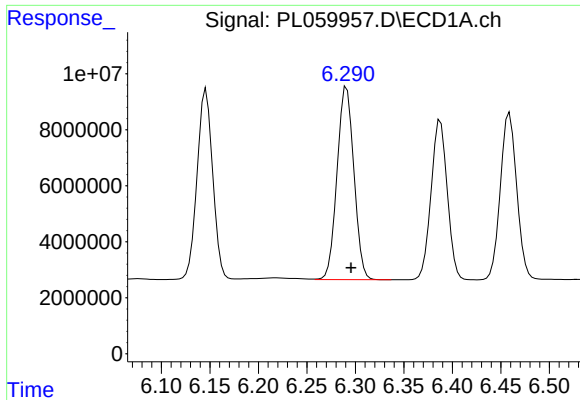
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: -0.004 min  
Response: 79938849  
Conc: 54.92 ng/ml



#14 Endrin

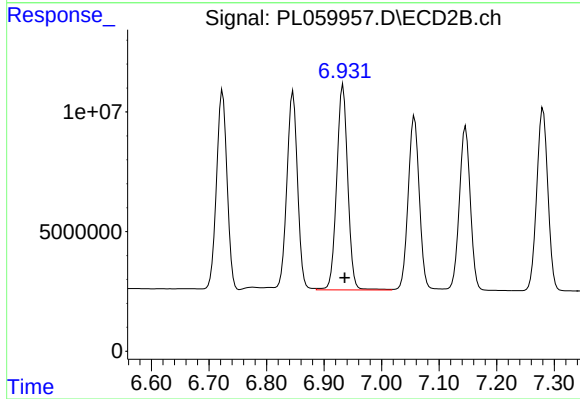
R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 105211427  
Conc: 49.44 ng/ml



#15 Endosulfan II

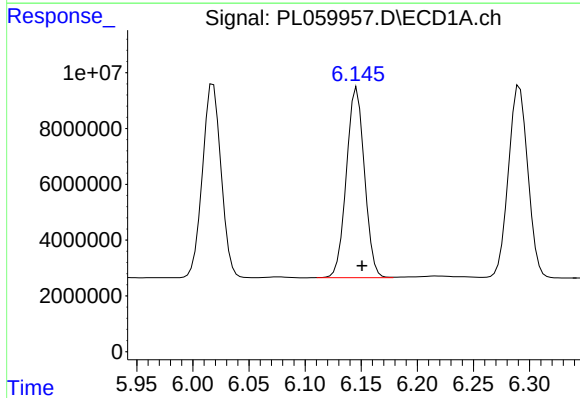
R.T.: 6.291 min  
Delta R.T.: -0.005 min  
Response: 83279413  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



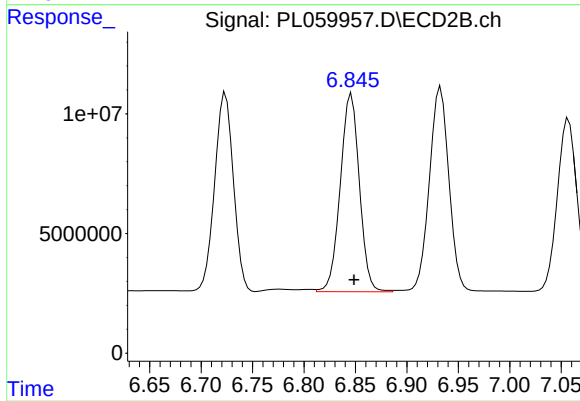
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 114950614  
Conc: 45.77 ng/ml



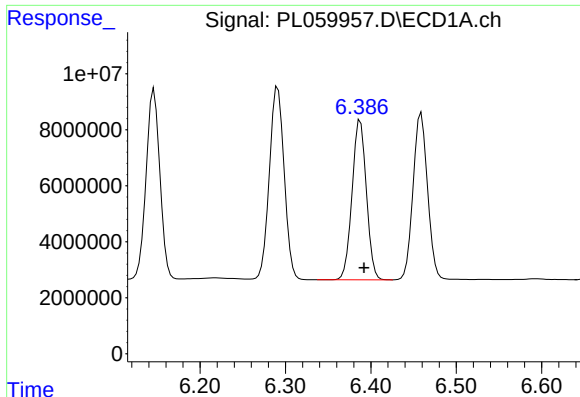
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 76319964  
Conc: 50.00 ng/ml



#16 4,4'-DDD

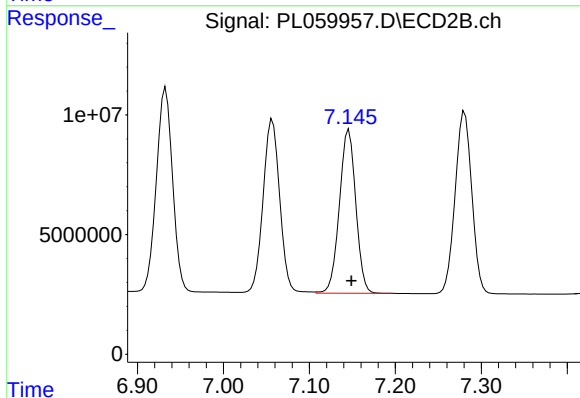
R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 106941226  
Conc: 46.59 ng/ml



#17 4,4'-DDT

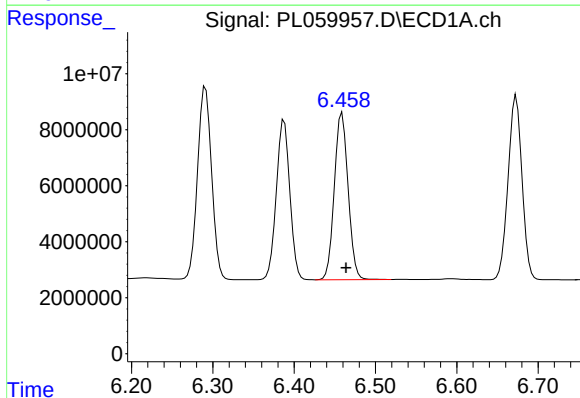
R.T.: 6.388 min  
Delta R.T.: -0.004 min  
Response: 66389054  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



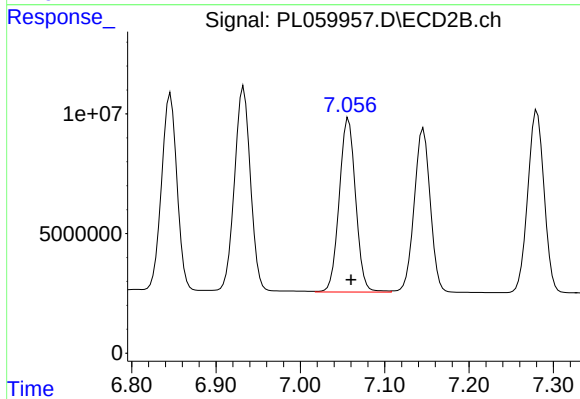
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 90576423  
Conc: 46.00 ng/ml



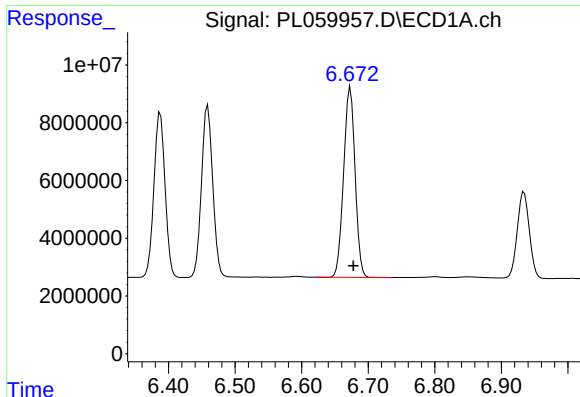
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 70217619  
Conc: 49.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min  
Delta R.T.: -0.003 min  
Response: 98224535  
Conc: 45.23 ng/ml



#19 Endosulfan Sulfate

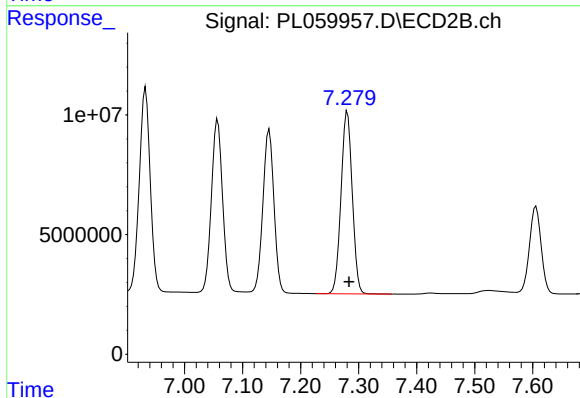
R.T.: 6.673 min

Delta R.T.: -0.005 min

Response: 78653393

Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



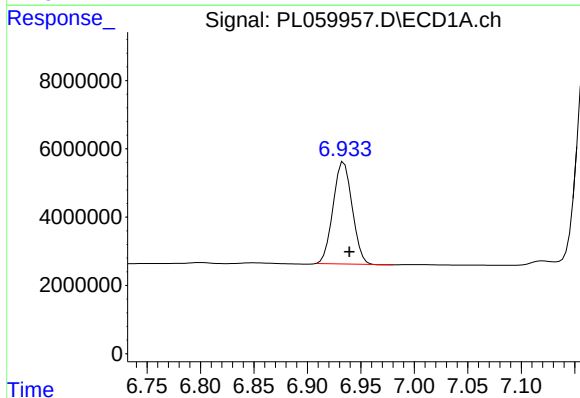
#19 Endosulfan Sulfate

R.T.: 7.281 min

Delta R.T.: -0.003 min

Response: 102627207

Conc: 43.88 ng/ml



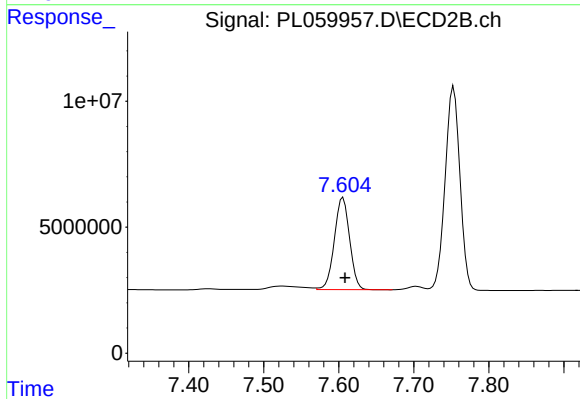
#20 Methoxychlor

R.T.: 6.934 min

Delta R.T.: -0.005 min

Response: 36982093

Conc: 49.44 ng/ml



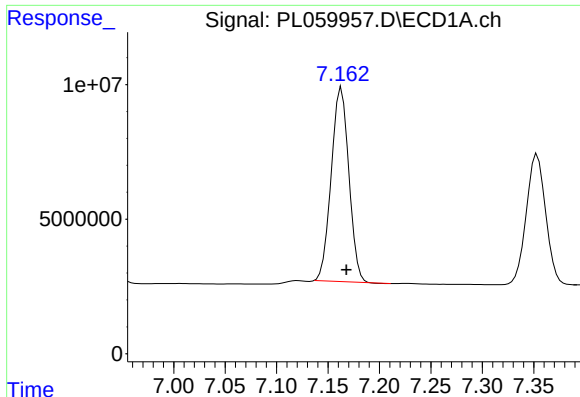
#20 Methoxychlor

R.T.: 7.606 min

Delta R.T.: -0.003 min

Response: 51803587

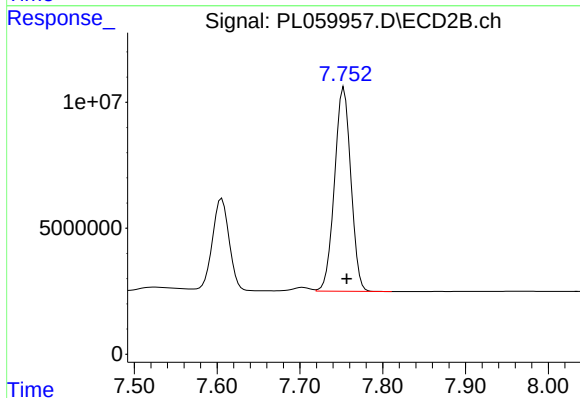
Conc: 45.63 ng/ml



#21 Endrin ketone

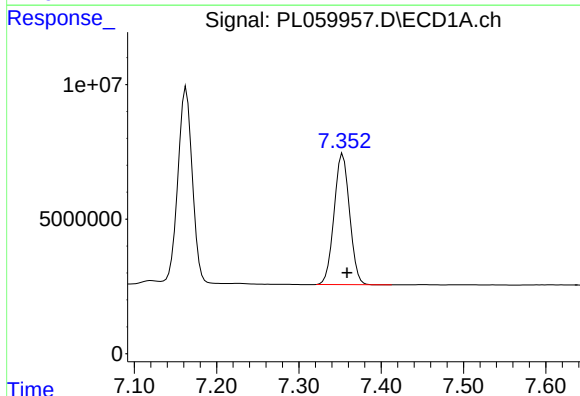
R.T.: 7.163 min  
Delta R.T.: -0.005 min  
Response: 85829559  
Conc: 45.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



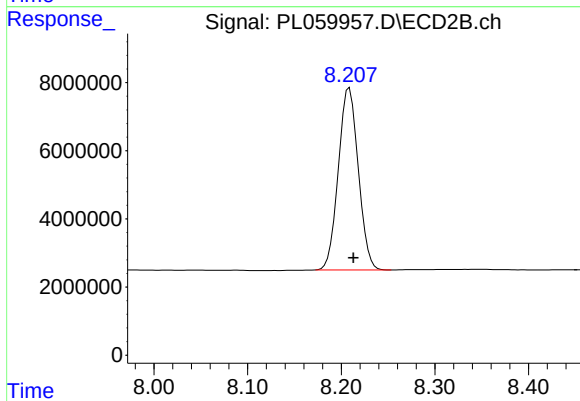
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.003 min  
Response: 110846784  
Conc: 42.92 ng/ml



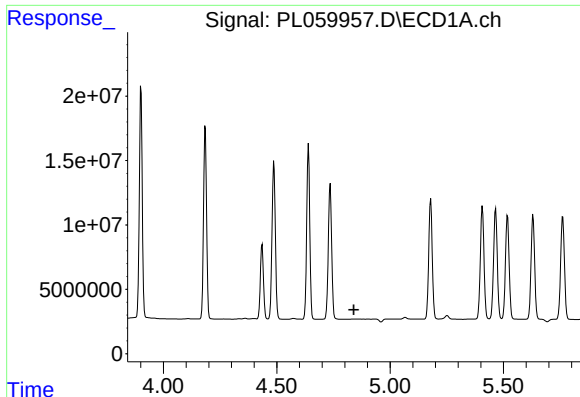
#22 Mirex

R.T.: 7.353 min  
Delta R.T.: -0.005 min  
Response: 63638301  
Conc: 44.73 ng/ml



#22 Mirex

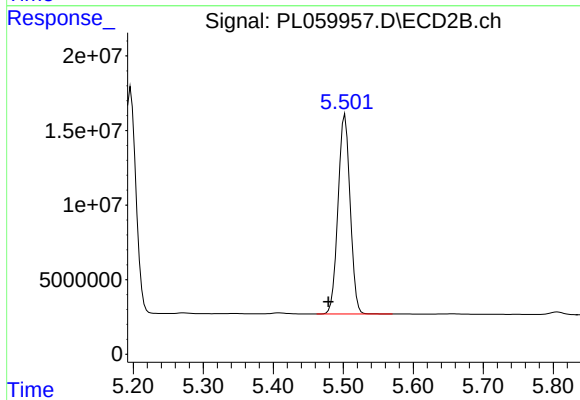
R.T.: 8.209 min  
Delta R.T.: -0.004 min  
Response: 79294820  
Conc: 42.90 ng/ml



#24 Chlordane-2

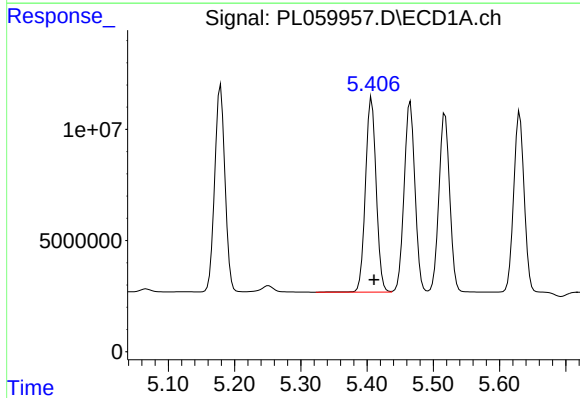
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



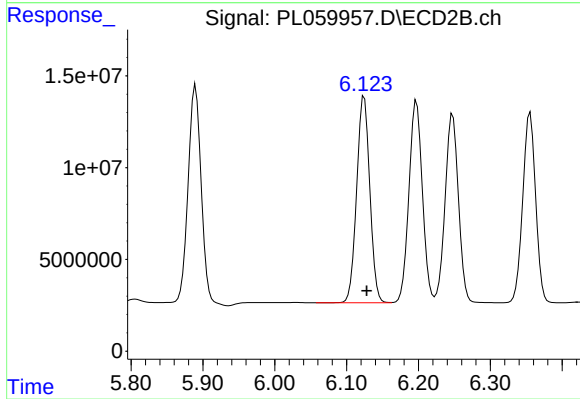
#24 Chlordane-2

R.T.: 5.503 min  
Delta R.T.: 0.024 min  
Response: 160695254  
Conc: 1402.53 ng/ml



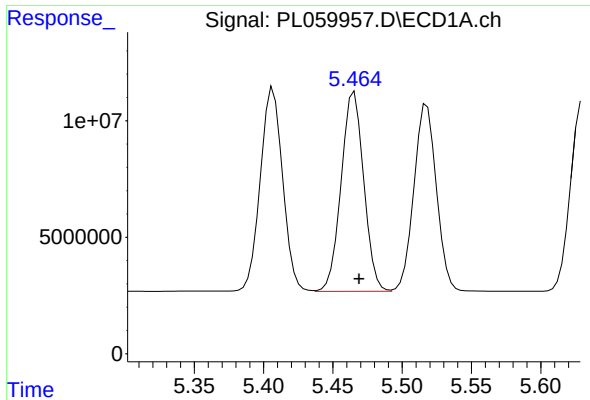
#25 Chlordane-3

R.T.: 5.407 min  
Delta R.T.: -0.004 min  
Response: 98414103  
Conc: 581.93 ng/ml



#25 Chlordane-3

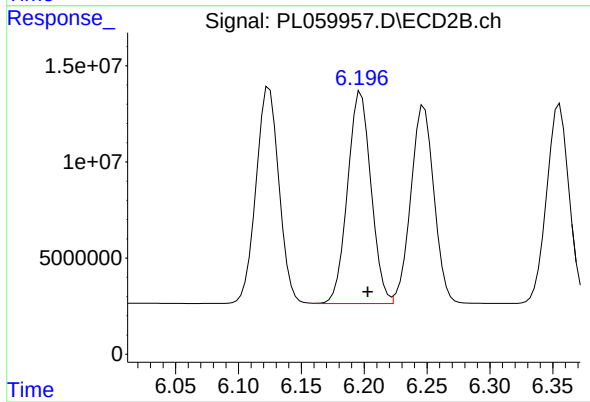
R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 142738926  
Conc: 368.91 ng/ml



#26 Chlordane-4

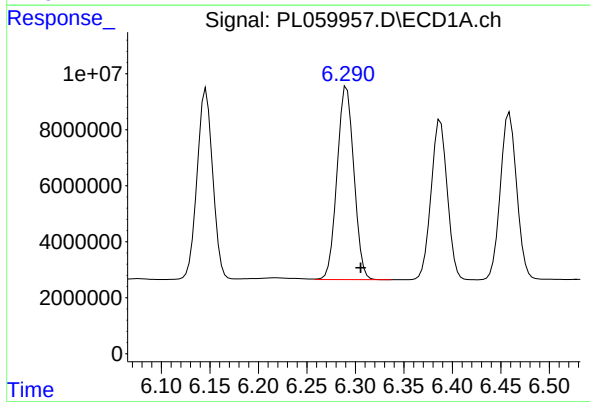
R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 97308967  
Conc: 697.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



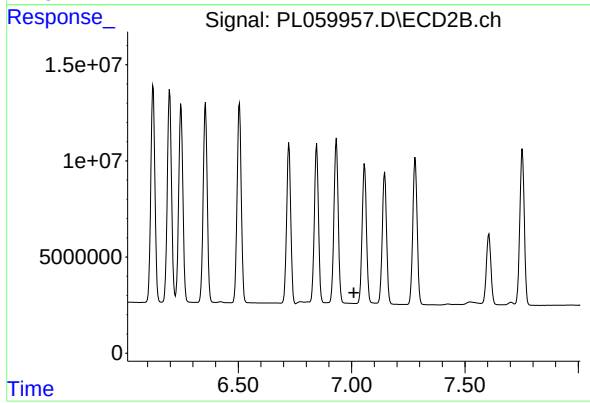
#26 Chlordane-4

R.T.: 6.197 min  
Delta R.T.: -0.005 min  
Response: 143065819  
Conc: 309.06 ng/ml



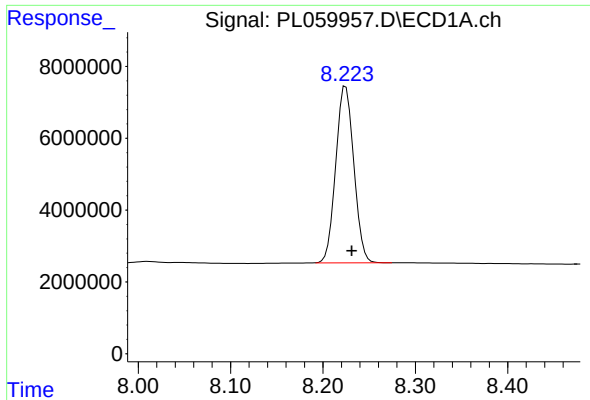
#27 Chlordane-5

R.T.: 6.291 min  
Delta R.T.: -0.015 min  
Response: 83279413  
Conc: 1467.73 ng/ml



#27 Chlordane-5

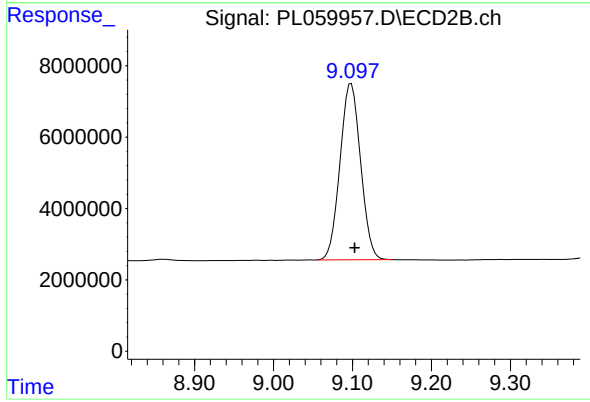
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.225 min  
Delta R.T.: -0.006 min  
Response: 66928488  
Conc: 40.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.004 min  
Response: 89664718  
Conc: 42.87 ng/ml