

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011320\  
 Data File : PL055704.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jan 2020 15:33  
 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: Jan 13 16:25:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 10 00:58:33 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... | 3.491 | 3.968  | 456.5E6 | 133.8E6  | 49.397   | 50.510     |
| 28)                         | SA Decachlor... | 8.236 | 8.955  | 402.5E6 | 96866490 | 45.839   | 46.591     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.929 | 4.352  | 782.2E6 | 202.9E6  | 49.487   | 51.170     |
| 3)                          | MA gamma-BHC... | 4.212 | 4.631  | 730.3E6 | 187.8E6  | 49.438   | 50.508     |
| 4)                          | MA Heptachlor   | 4.513 | 5.131  | 678.2E6 | 154.1E6  | 47.412   | 48.570     |
| 5)                          | MB Aldrin       | 4.762 | 5.431  | 691.8E6 | 157.3E6  | 49.313   | 50.425     |
| 6)                          | B beta-BHC      | 4.461 | 4.799  | 295.0E6 | 74609427 | 48.268   | 48.869     |
| 7)                          | B delta-BHC     | 4.665 | 5.013  | 701.3E6 | 169.0E6  | 49.066   | 55.072     |
| 8)                          | B Heptachlo...  | 5.203 | 5.812  | 642.3E6 | 143.3E6  | 48.389   | 48.786     |
| 9)                          | A Endosulfan I  | 5.542 | 6.164  | 589.6E6 | 131.0E6  | 47.720   | 49.472     |
| 10)                         | B gamma-Chl...  | 5.429 | 6.042  | 646.2E6 | 140.5E6  | 48.270   | 49.921     |
| 11)                         | B alpha-Chl...  | 5.488 | 6.114  | 630.0E6 | 139.4E6  | 47.978   | 49.588     |
| 12)                         | B 4,4'-DDE      | 5.650 | 6.269  | 582.4E6 | 132.9E6  | 46.837   | 50.038     |
| 13)                         | MA Dieldrin     | 5.784 | 6.418  | 618.4E6 | 136.0E6  | 47.173   | 49.723     |
| 14)                         | MA Endrin       | 6.042 | 6.634  | 534.2E6 | 109.8E6  | 46.263   | 48.677     |
| 15)                         | B Endosulfa...  | 6.313 | 6.841  | 526.7E6 | 115.2E6  | 48.830   | 47.938     |
| 16)                         | A 4,4'-DDD      | 6.165 | 6.754  | 480.0E6 | 106.1E6  | 50.652   | 51.206     |
| 17)                         | MA 4,4'-DDT     | 6.405 | 7.049  | 437.6E6 | 95137929 | 50.957   | 48.251     |
| 18)                         | B Endrin al...  | 6.481 | 6.964  | 435.4E6 | 98148534 | 46.128   | 48.336     |
| 19)                         | B Endosulfa...  | 6.694 | 7.184  | 479.6E6 | 106.5E6  | 49.026   | 47.878     |
| 20)                         | A Methoxychlor  | 6.948 | 7.502  | 208.2E6 | 48172288 | 48.493   | 46.017     |
| 21)                         | B Endrin ke...  | 7.184 | 7.651  | 526.3E6 | 116.0E6  | 46.431   | 48.737     |
| 22)                         | Mirex           | 7.374 | 8.100  | 343.0E6 | 77833170 | 50.089   | 47.473     |
| 24)                         | Chlordane-2     | 0.000 | 5.431f | 0       | 157.3E6  | N.D.     | 1640.289 # |
| 25)                         | Chlordane-3     | 5.429 | 6.042  | 646.2E6 | 140.5E6  | 549.009  | 411.529 #  |
| 26)                         | Chlordane-4     | 5.488 | 6.114  | 630.0E6 | 139.4E6  | 645.203  | 347.476 #  |
| 27)                         | Chlordane-5     | 6.313 | 0.000  | 526.7E6 | 0        | 1463.264 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

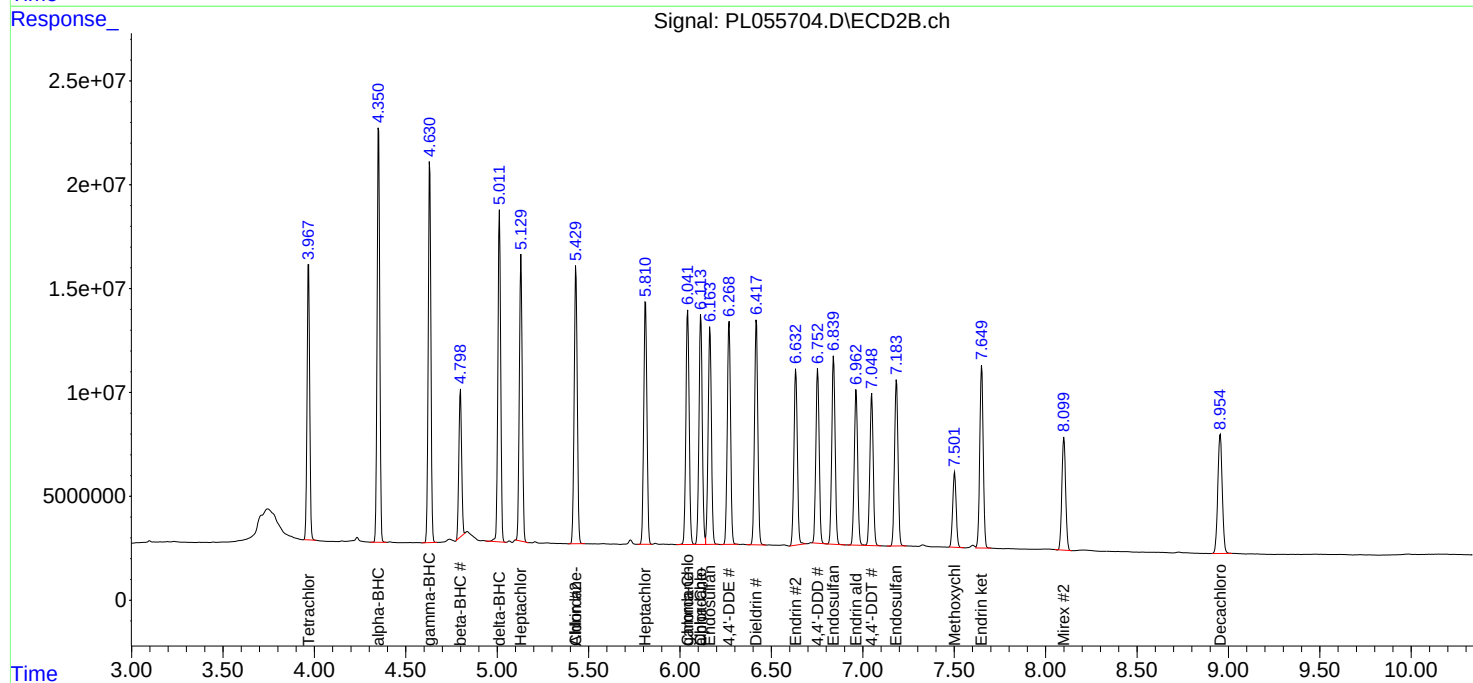
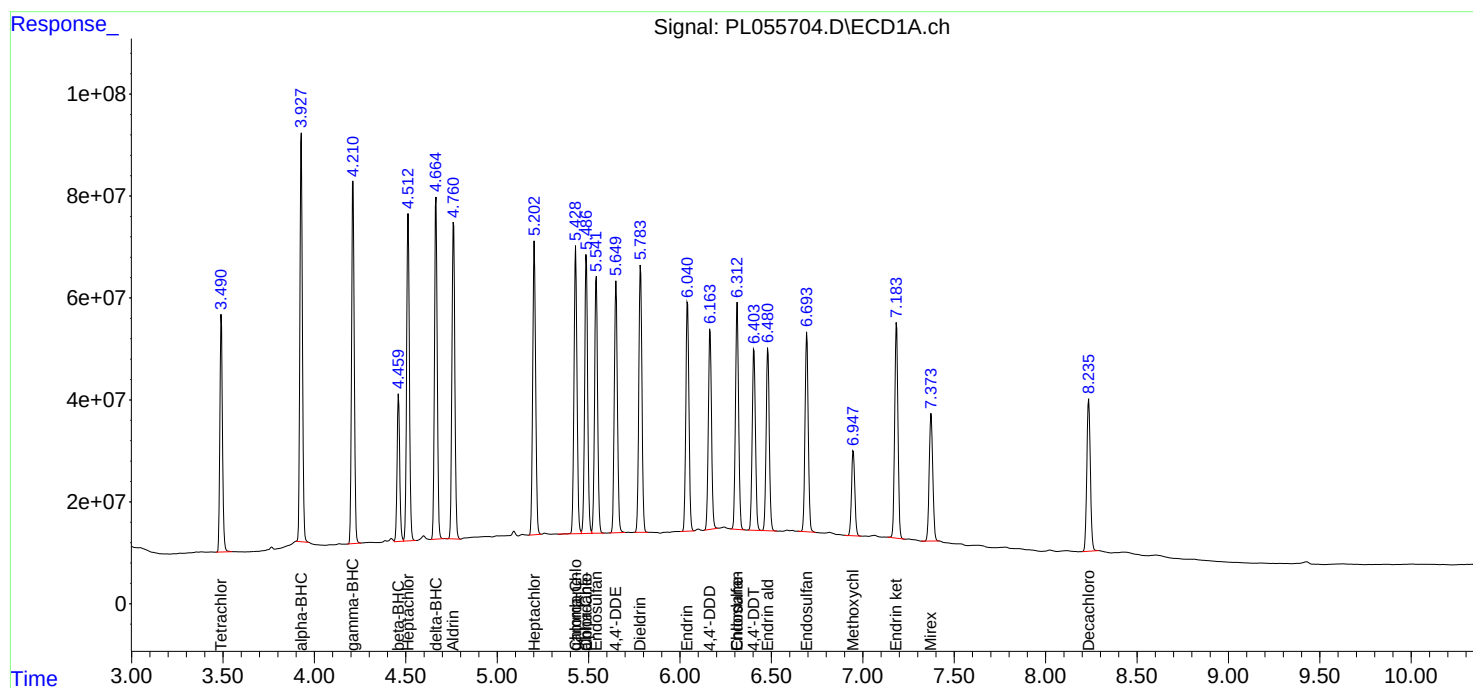
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

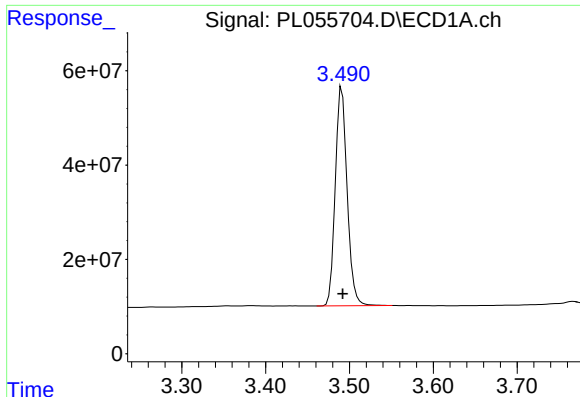
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011320\  
Data File : PL055704.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jan 2020 15:33  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 13 16:25:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 10 00:58:33 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

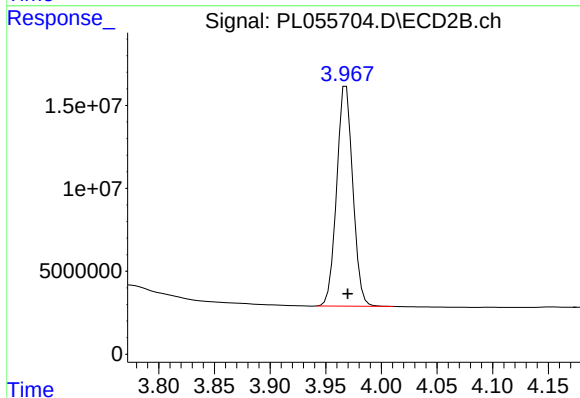




#1 Tetrachloro-m-xylene

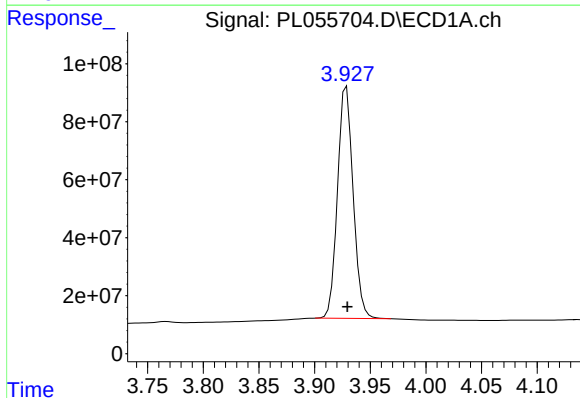
R.T.: 3.491 min  
Delta R.T.: 0.000 min  
Response: 456460781  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



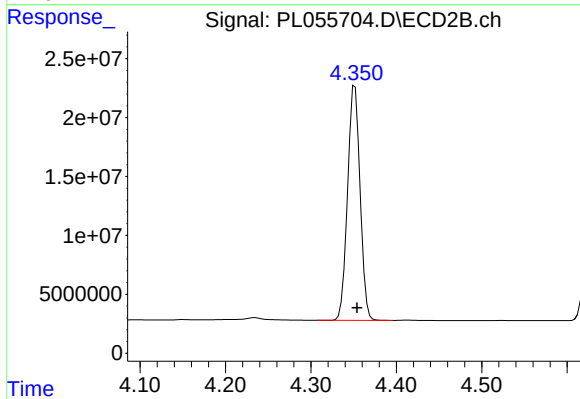
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: -0.001 min  
Response: 133807425  
Conc: 50.51 ng/ml



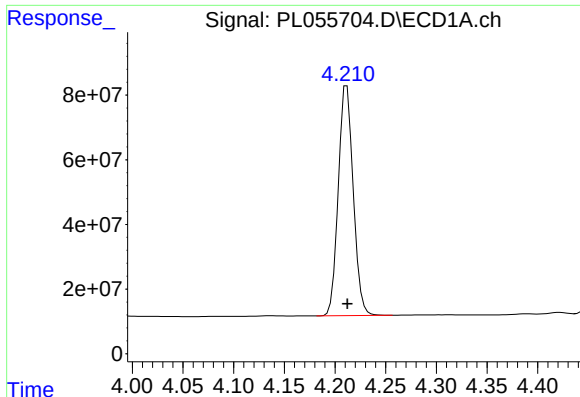
#2 alpha-BHC

R.T.: 3.929 min  
Delta R.T.: 0.000 min  
Response: 782176582  
Conc: 49.49 ng/ml



#2 alpha-BHC

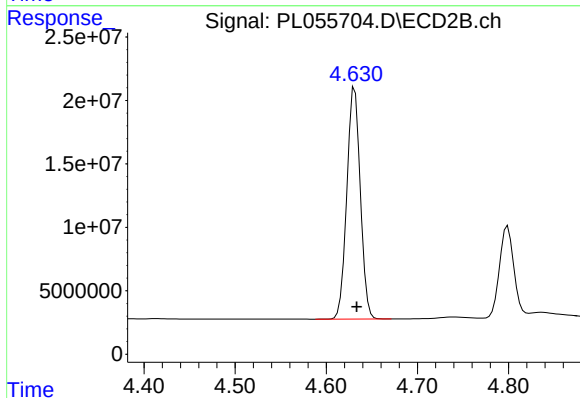
R.T.: 4.352 min  
Delta R.T.: -0.002 min  
Response: 202858522  
Conc: 51.17 ng/ml



#3 gamma-BHC (Lindane)

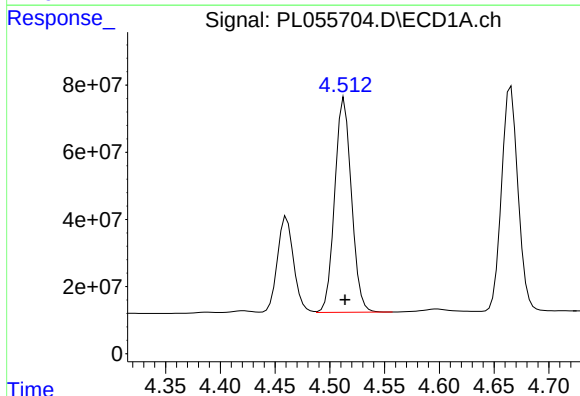
R.T.: 4.212 min  
Delta R.T.: 0.000 min  
Response: 730273837  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



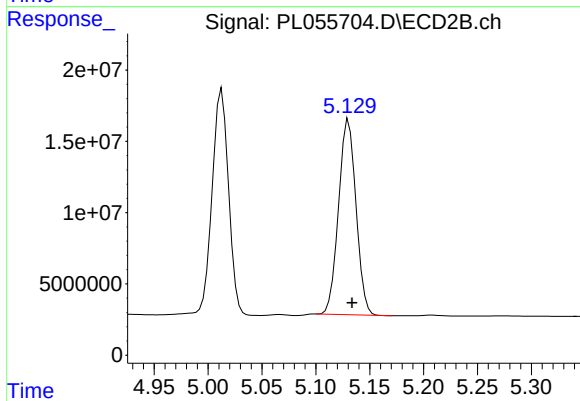
#3 gamma-BHC (Lindane)

R.T.: 4.631 min  
Delta R.T.: -0.002 min  
Response: 187776876  
Conc: 50.51 ng/ml



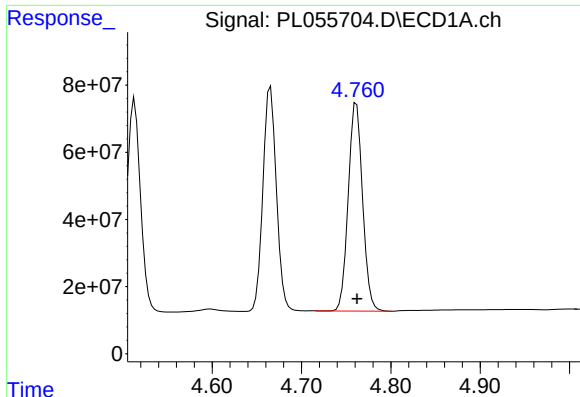
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 678212833  
Conc: 47.41 ng/ml



#4 Heptachlor

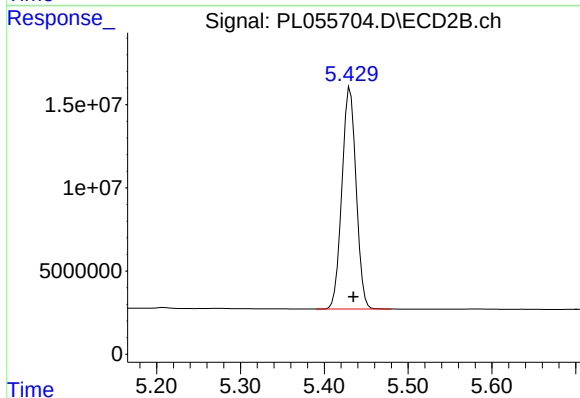
R.T.: 5.131 min  
Delta R.T.: -0.003 min  
Response: 154100577  
Conc: 48.57 ng/ml



#5 Aldrin

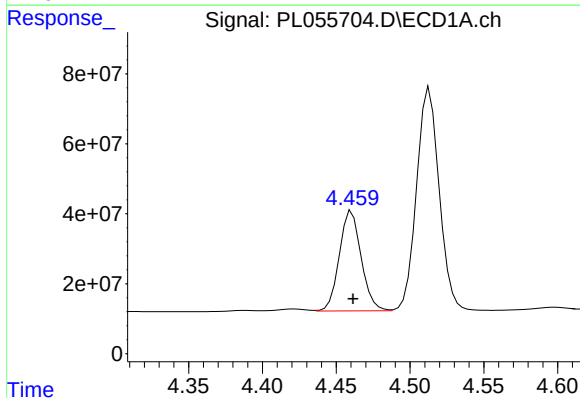
R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 691802506  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



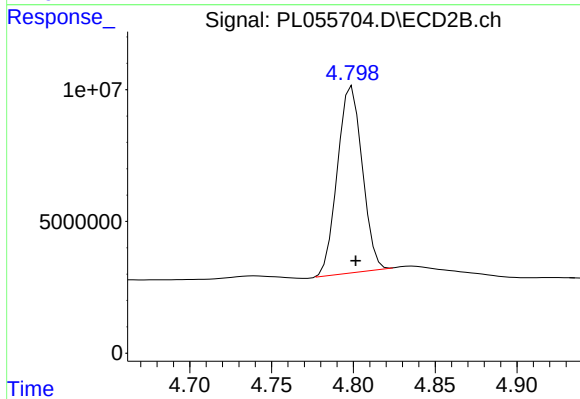
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: -0.004 min  
Response: 157270769  
Conc: 50.42 ng/ml



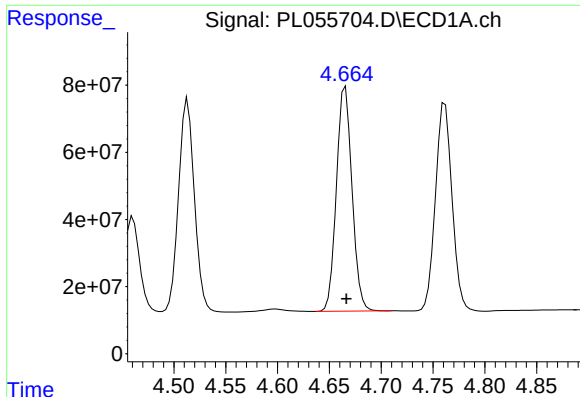
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 294989327  
Conc: 48.27 ng/ml



#6 beta-BHC

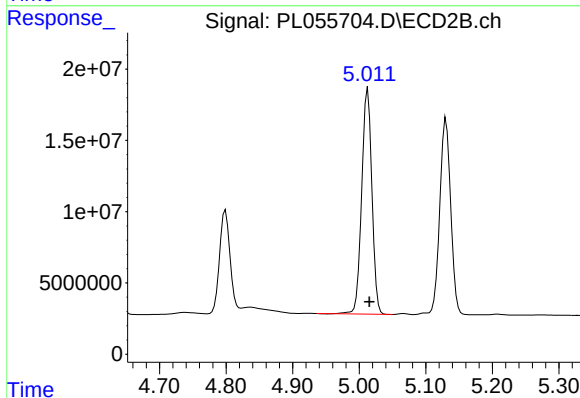
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 74609427  
Conc: 48.87 ng/ml



#7 delta-BHC

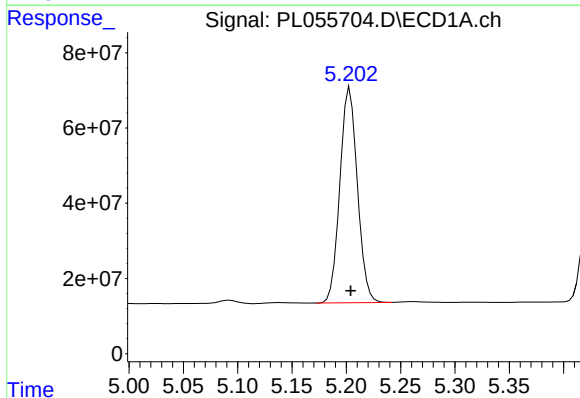
R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 701343436  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



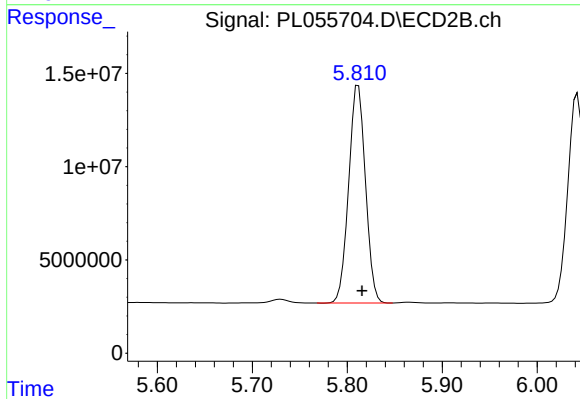
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: -0.003 min  
Response: 169038448  
Conc: 55.07 ng/ml



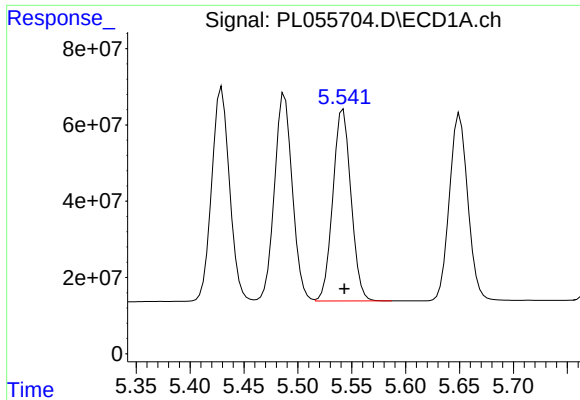
#8 Heptachlor epoxide

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 642303825  
Conc: 48.39 ng/ml



#8 Heptachlor epoxide

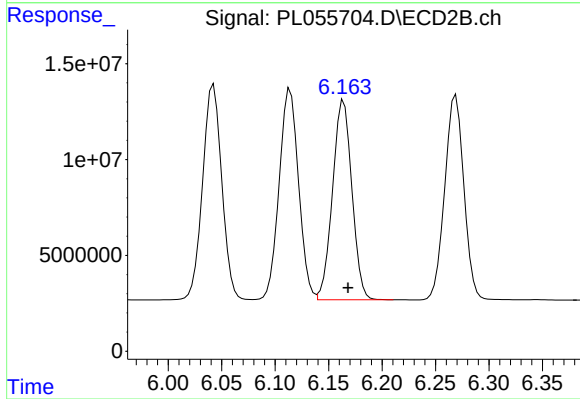
R.T.: 5.812 min  
Delta R.T.: -0.004 min  
Response: 143347660  
Conc: 48.79 ng/ml



#9 Endosulfan I

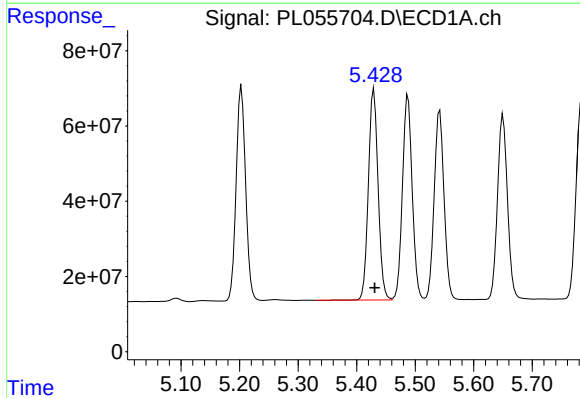
R.T.: 5.542 min  
Delta R.T.: -0.001 min  
Response: 589607145  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



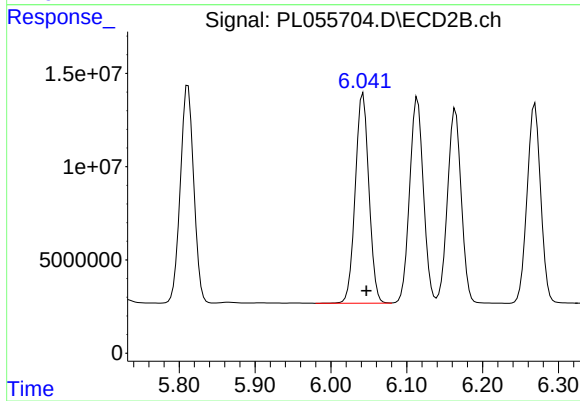
#9 Endosulfan I

R.T.: 6.164 min  
Delta R.T.: -0.004 min  
Response: 130985369  
Conc: 49.47 ng/ml



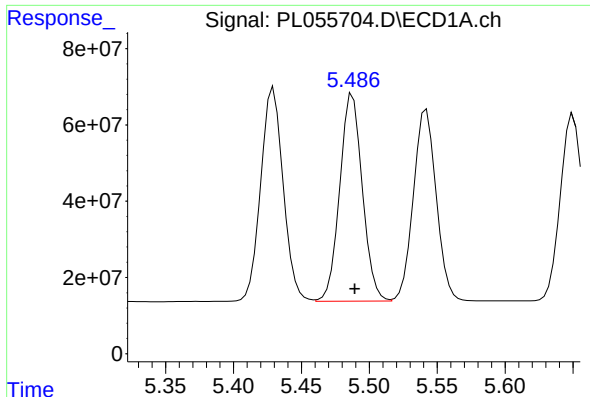
#10 gamma-Chlordane

R.T.: 5.429 min  
Delta R.T.: -0.001 min  
Response: 646230482  
Conc: 48.27 ng/ml



#10 gamma-Chlordane

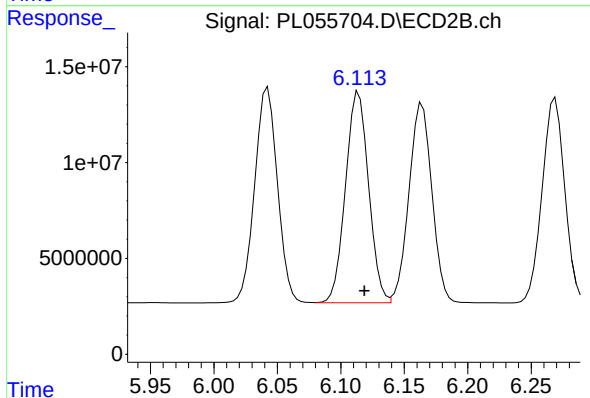
R.T.: 6.042 min  
Delta R.T.: -0.004 min  
Response: 140545376  
Conc: 49.92 ng/ml



#11 alpha-Chlordane

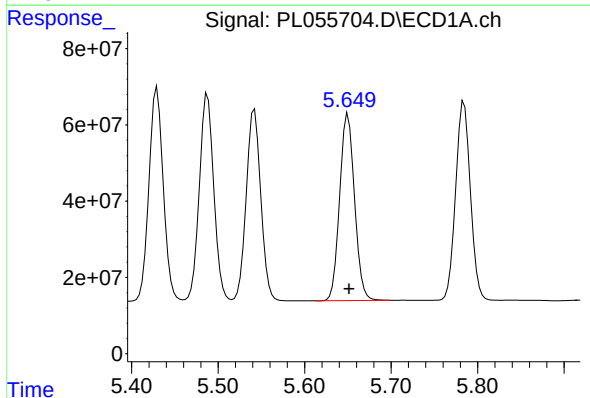
R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 629961374  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



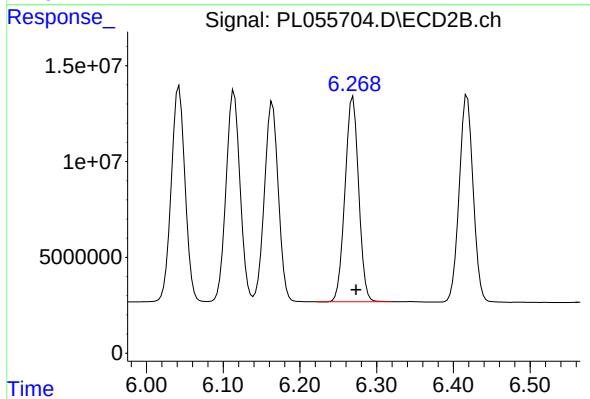
#11 alpha-Chlordane

R.T.: 6.114 min  
Delta R.T.: -0.004 min  
Response: 139378806  
Conc: 49.59 ng/ml



#12 4,4'-DDE

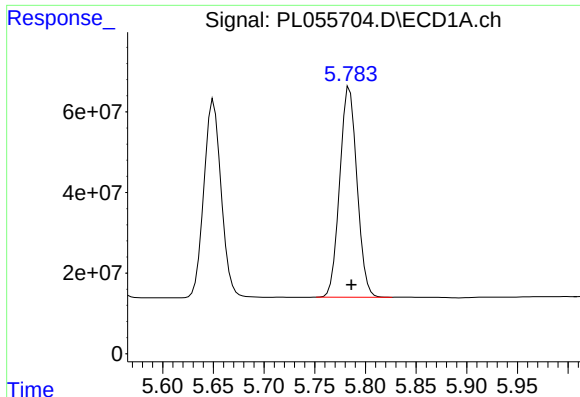
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 582385483  
Conc: 46.84 ng/ml



#12 4,4'-DDE

R.T.: 6.269 min  
Delta R.T.: -0.004 min  
Response: 132941160  
Conc: 50.04 ng/ml

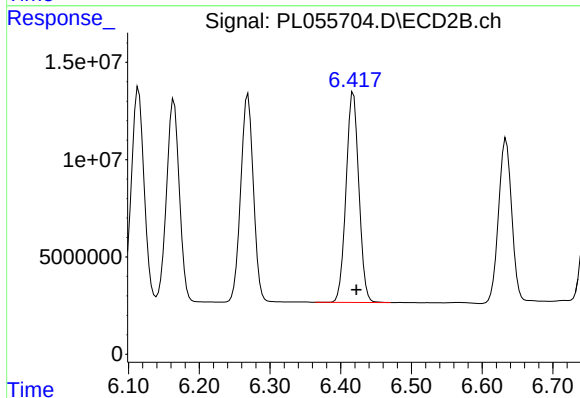




#13 Dieldrin

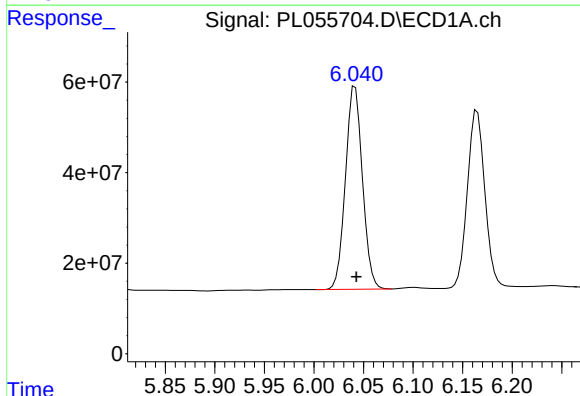
R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 618371648  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



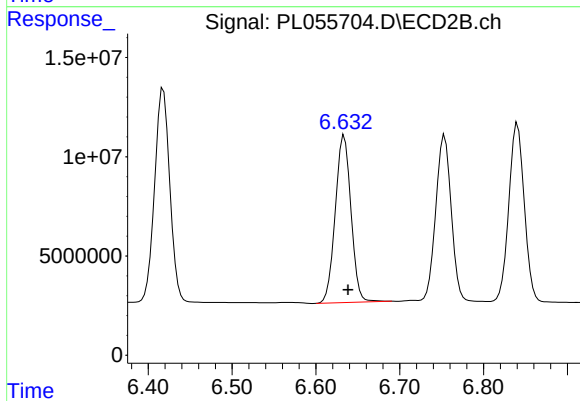
#13 Dieldrin

R.T.: 6.418 min  
Delta R.T.: -0.004 min  
Response: 135961062  
Conc: 49.72 ng/ml



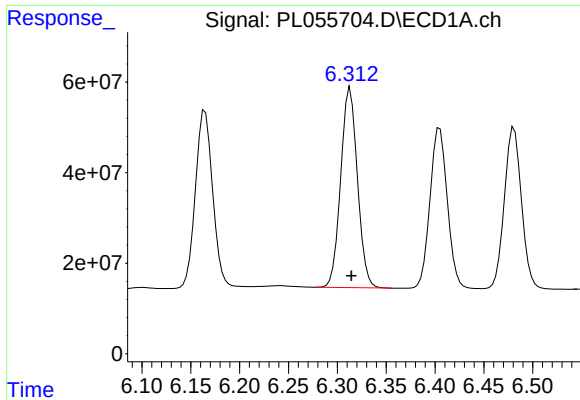
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: -0.001 min  
Response: 534241287  
Conc: 46.26 ng/ml



#14 Endrin

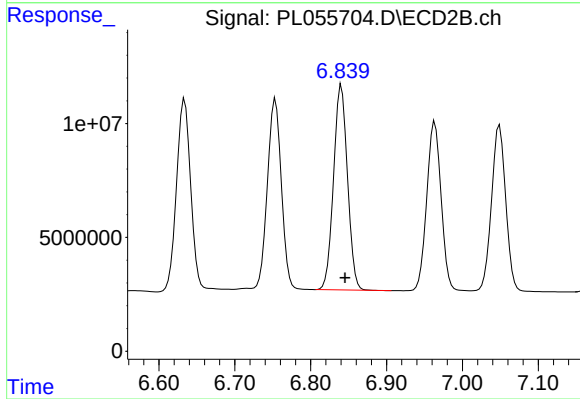
R.T.: 6.634 min  
Delta R.T.: -0.004 min  
Response: 109767954  
Conc: 48.68 ng/ml



#15 Endosulfan II

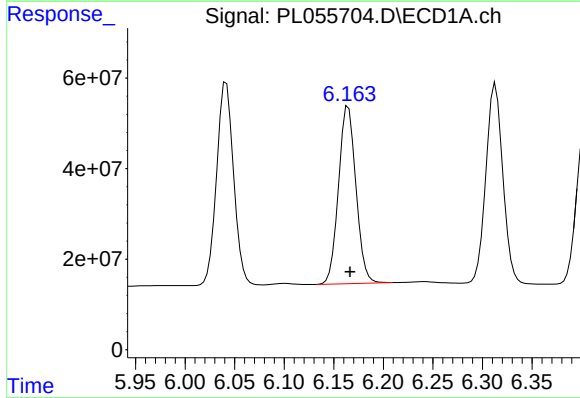
R.T.: 6.313 min  
Delta R.T.: -0.001 min  
Response: 526742449  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



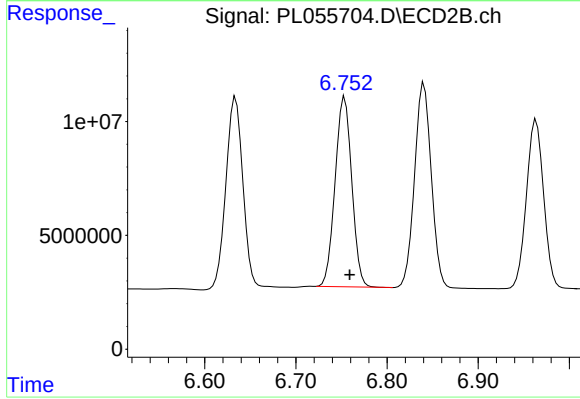
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: -0.005 min  
Response: 115166342  
Conc: 47.94 ng/ml



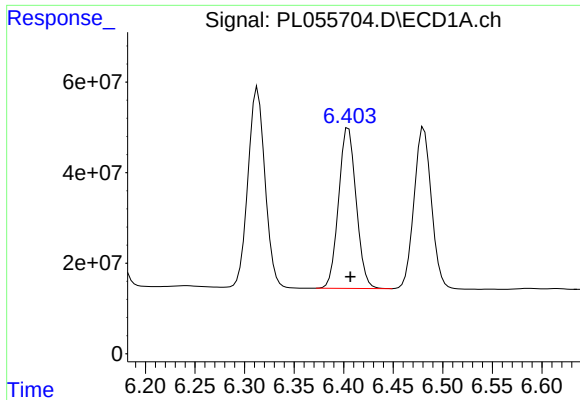
#16 4,4'-DDD

R.T.: 6.165 min  
Delta R.T.: -0.002 min  
Response: 480028384  
Conc: 50.65 ng/ml



#16 4,4'-DDD

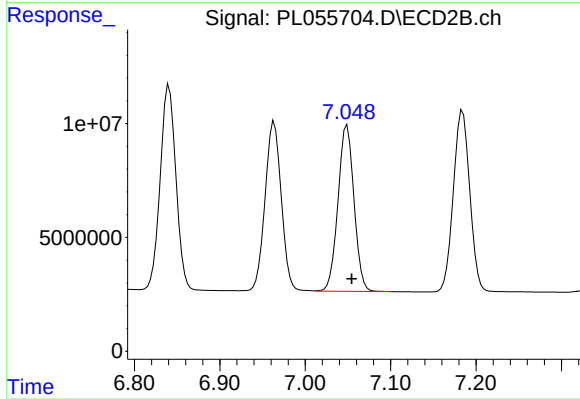
R.T.: 6.754 min  
Delta R.T.: -0.005 min  
Response: 106106854  
Conc: 51.21 ng/ml



#17 4,4'-DDT

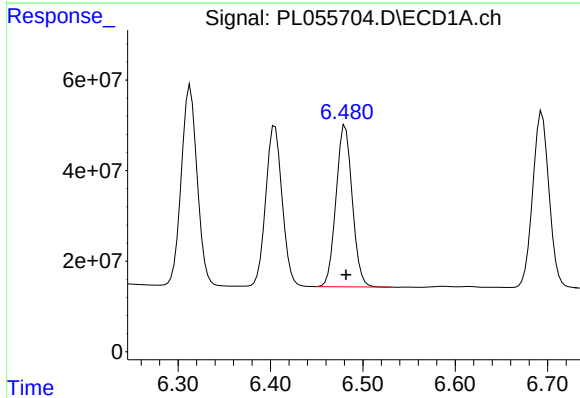
R.T.: 6.405 min  
Delta R.T.: -0.002 min  
Response: 437618688  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



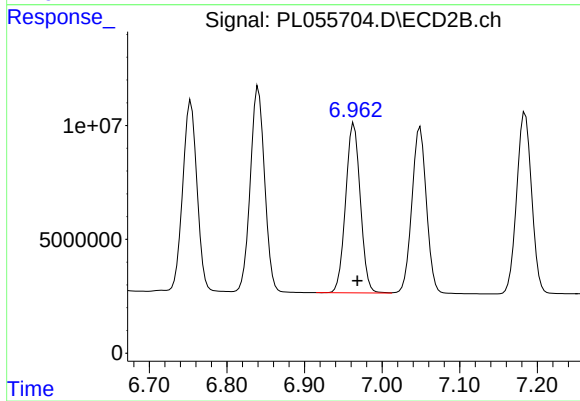
#17 4,4'-DDT

R.T.: 7.049 min  
Delta R.T.: -0.005 min  
Response: 95137929  
Conc: 48.25 ng/ml



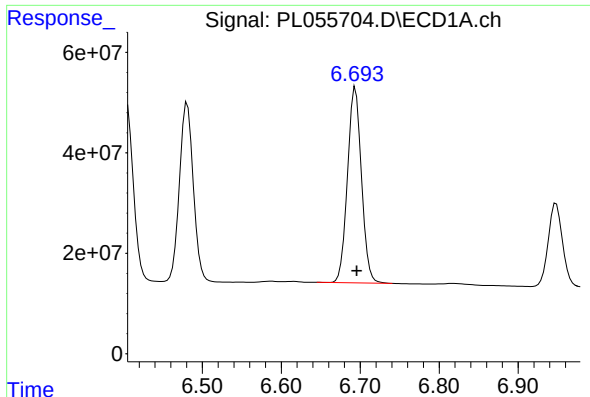
#18 Endrin aldehyde

R.T.: 6.481 min  
Delta R.T.: -0.001 min  
Response: 435408683  
Conc: 46.13 ng/ml



#18 Endrin aldehyde

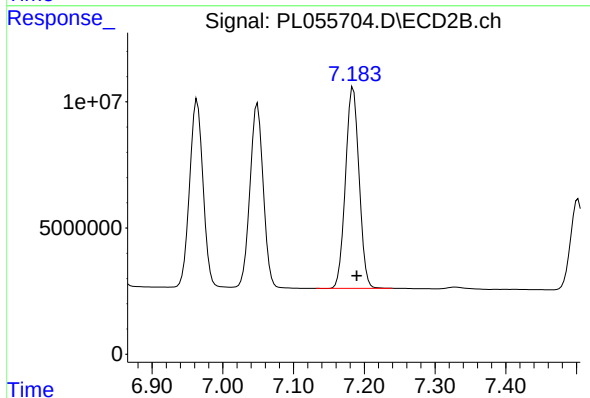
R.T.: 6.964 min  
Delta R.T.: -0.005 min  
Response: 98148534  
Conc: 48.34 ng/ml



#19 Endosulfan Sulfate

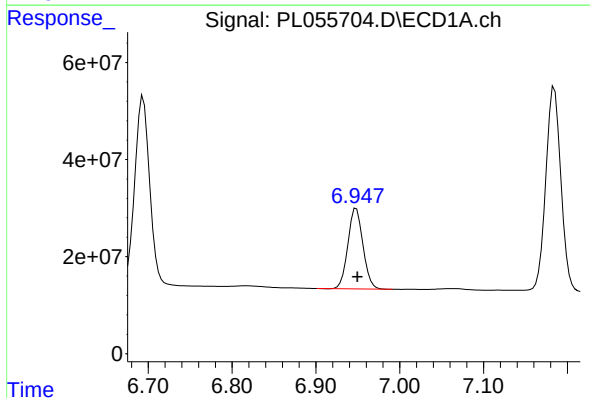
R.T.: 6.694 min  
Delta R.T.: -0.002 min  
Response: 479581772  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



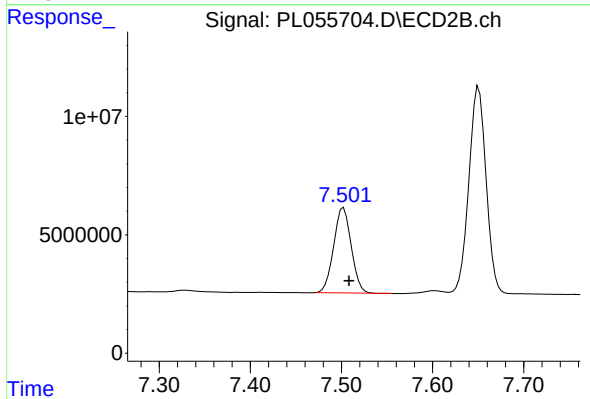
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 106519110  
Conc: 47.88 ng/ml



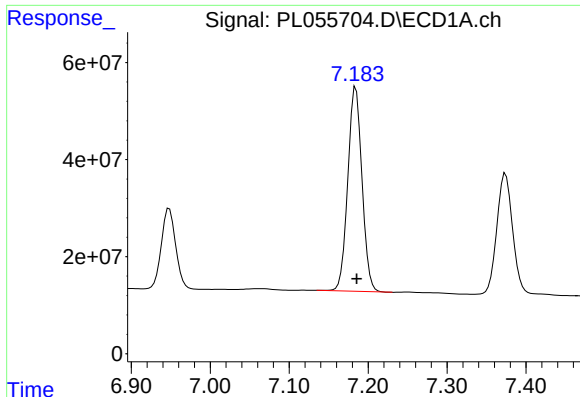
#20 Methoxychlor

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 208174887  
Conc: 48.49 ng/ml



#20 Methoxychlor

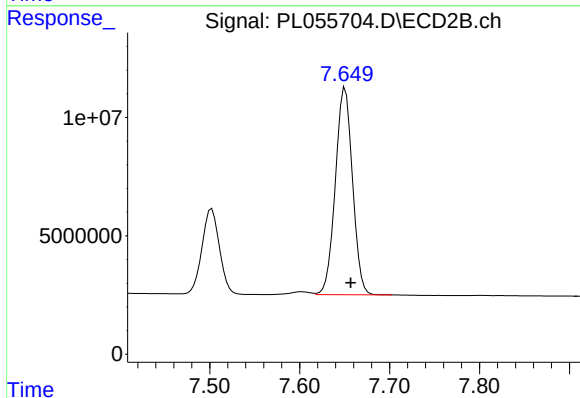
R.T.: 7.502 min  
Delta R.T.: -0.006 min  
Response: 48172288  
Conc: 46.02 ng/ml



#21 Endrin ketone

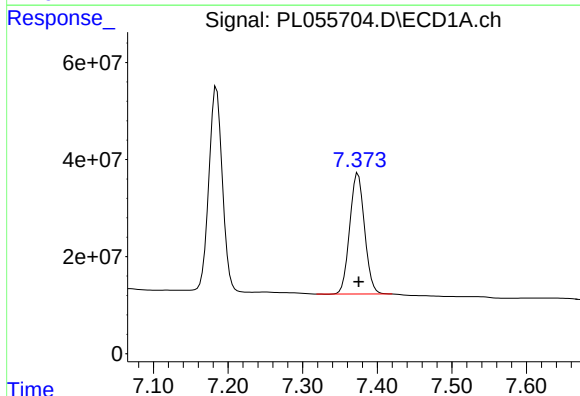
R.T.: 7.184 min  
Delta R.T.: -0.001 min  
Response: 526319211  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



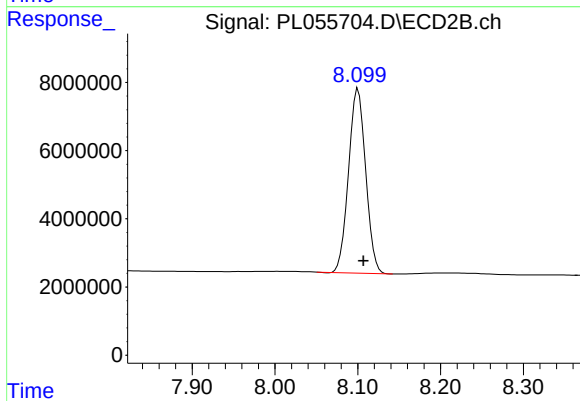
#21 Endrin ketone

R.T.: 7.651 min  
Delta R.T.: -0.006 min  
Response: 116046161  
Conc: 48.74 ng/ml



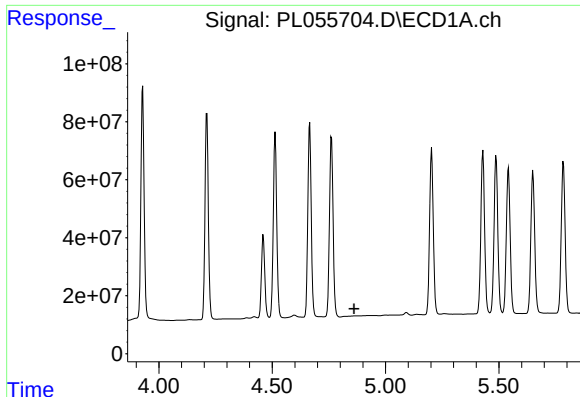
#22 Mirex

R.T.: 7.374 min  
Delta R.T.: 0.000 min  
Response: 342970719  
Conc: 50.09 ng/ml



#22 Mirex

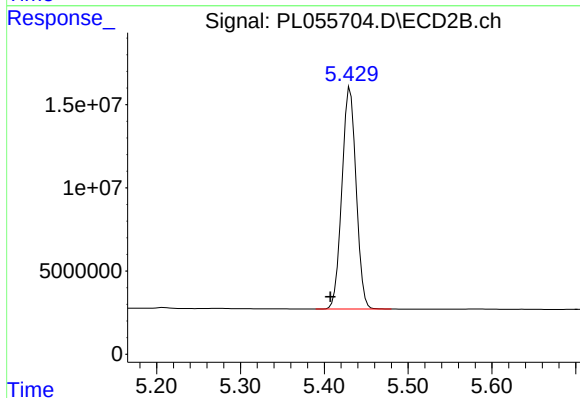
R.T.: 8.100 min  
Delta R.T.: -0.006 min  
Response: 77833170  
Conc: 47.47 ng/ml



#24 Chlordane-2

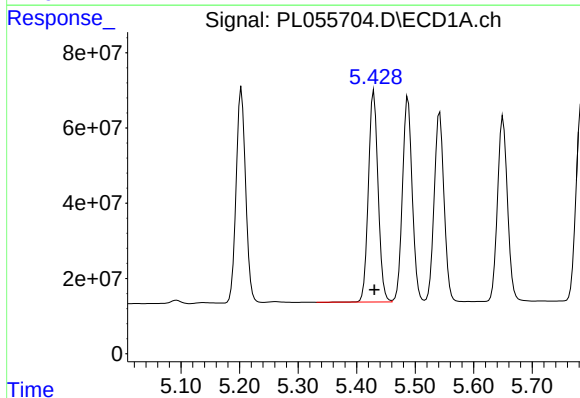
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



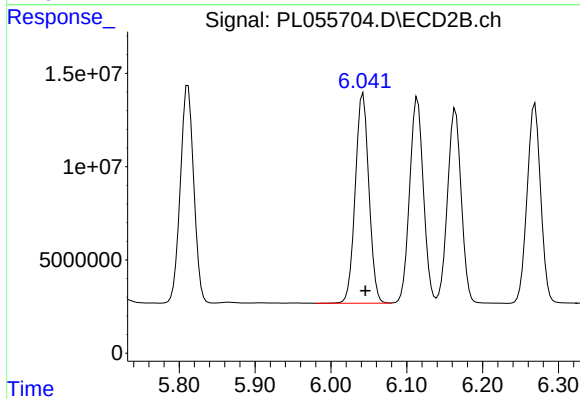
#24 Chlordane-2

R.T.: 5.431 min  
Delta R.T.: 0.023 min  
Response: 157270769  
Conc: 1640.29 ng/ml



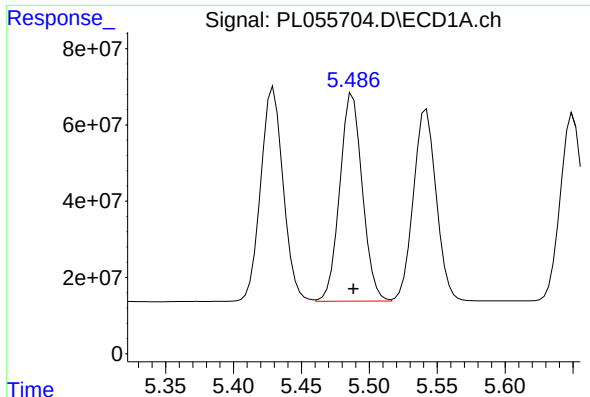
#25 Chlordane-3

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 646230482  
Conc: 549.01 ng/ml



#25 Chlordane-3

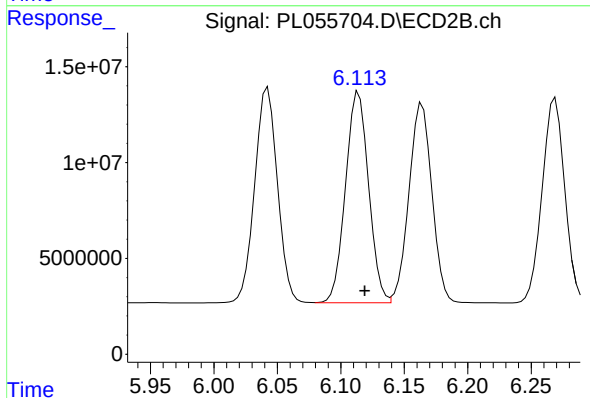
R.T.: 6.042 min  
Delta R.T.: -0.003 min  
Response: 140545376  
Conc: 411.53 ng/ml



#26 Chlordane-4

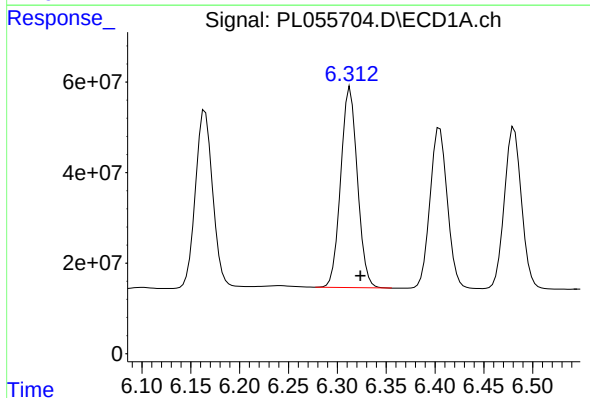
R.T.: 5.488 min  
Delta R.T.: 0.000 min  
Response: 629961374  
Conc: 645.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



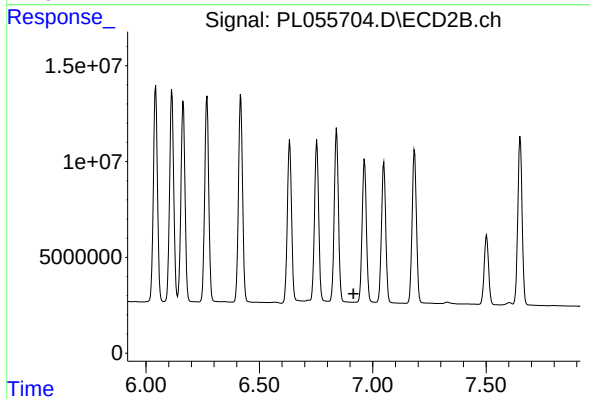
#26 Chlordane-4

R.T.: 6.114 min  
Delta R.T.: -0.005 min  
Response: 139378806  
Conc: 347.48 ng/ml



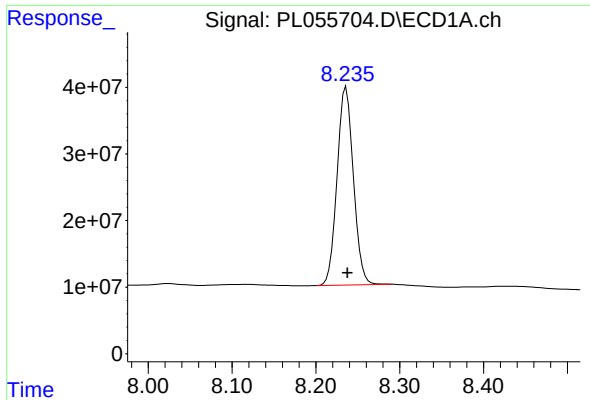
#27 Chlordane-5

R.T.: 6.313 min  
Delta R.T.: -0.010 min  
Response: 526742449  
Conc: 1463.26 ng/ml



#27 Chlordane-5

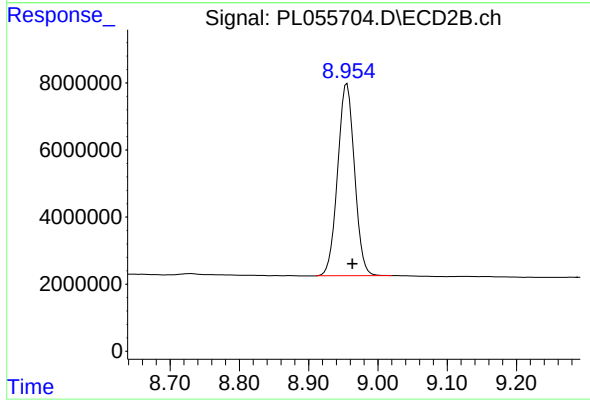
R.T.: 0.000 min  
Exp R.T.: 6.915 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 402549999  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.955 min  
Delta R.T.: -0.008 min  
Response: 96866490  
Conc: 46.59 ng/ml