

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033120\  
 Data File : PL057700.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2020 18:21  
 Operator : AJ\MA  
 Sample : L1762-25MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 05:27:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.459 | 3.957  | 209.0E6 | 44634915 | 22.548   | 20.573     |
| 28)                         | SA Decachlor... | 8.205 | 8.979  | 176.8E6 | 39023297 | 16.713   | 17.599     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.344  | 982.0E6 | 185.0E6  | 61.647   | 57.592     |
| 3)                          | MA gamma-BHC... | 4.179 | 4.627  | 884.7E6 | 169.7E6  | 61.551   | 54.074     |
| 4)                          | MA Heptachlor   | 4.479 | 5.128  | 923.6E6 | 184.0E6  | 62.187   | 58.442     |
| 5)                          | MB Aldrin       | 4.727 | 5.430  | 854.3E6 | 177.7E6  | 61.932   | 58.243     |
| 6)                          | B beta-BHC      | 4.431 | 4.800  | 390.8E6 | 85534190 | 66.479   | 59.302     |
| 7)                          | B delta-BHC     | 4.634 | 5.013  | 876.0E6 | 151.0E6  | 62.415   | 57.533     |
| 8)                          | B Heptachlo...  | 5.170 | 5.815  | 792.5E6 | 165.8E6  | 61.836   | 60.748     |
| 9)                          | A Endosulfan I  | 5.508 | 6.169  | 731.0E6 | 158.6E6  | 61.485   | 55.749     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.048  | 802.0E6 | 175.5E6  | 61.504   | 56.940     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.119  | 772.8E6 | 171.4E6  | 59.800   | 55.057     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.279  | 767.5E6 | 160.0E6  | 61.621   | 56.272     |
| 13)                         | MA Dieldrin     | 5.751 | 6.424  | 772.5E6 | 166.7E6  | 61.249   | 56.344     |
| 14)                         | MA Endrin       | 6.008 | 6.641  | 658.1E6 | 137.8E6  | 57.570   | 57.121     |
| 15)                         | B Endosulfa...  | 6.282 | 6.851  | 576.4E6 | 132.6E6  | 53.069   | 50.465     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.767  | 550.2E6 | 122.1E6  | 56.131   | 53.476     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.064  | 528.2E6 | 115.4E6  | 52.965   | 50.677     |
| 18)                         | B Endrin al...  | 6.449 | 6.975  | 477.4E6 | 114.2E6  | 51.693   | 51.370     |
| 19)                         | B Endosulfa...  | 6.662 | 7.198  | 572.9E6 | 126.6E6  | 57.046   | 51.919     |
| 20)                         | A Methoxychlor  | 6.919 | 7.524  | 269.5E6 | 62798690 | 50.229   | 48.285     |
| 21)                         | B Endrin ke...  | 7.152 | 7.666  | 582.7E6 | 131.2E6  | 51.556   | 50.689     |
| 22)                         | Mirex           | 7.339 | 8.115  | 411.3E6 | 93583112 | 50.788   | 49.008     |
| 23)                         | Chlordane-1     | 4.329 | 0.000  | 2225257 | 0        | 6.856    | N.D. #     |
| 24)                         | Chlordane-2     | 4.830 | 5.430f | 976971  | 177.7E6  | 2.689    | 1885.399 # |
| 25)                         | Chlordane-3     | 5.396 | 6.048  | 802.0E6 | 175.5E6  | 711.212  | 462.806 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.119  | 772.8E6 | 171.4E6  | 806.088  | 374.431 #  |
| 27)                         | Chlordane-5     | 6.282 | 0.000  | 576.4E6 | 0        | 1584.074 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

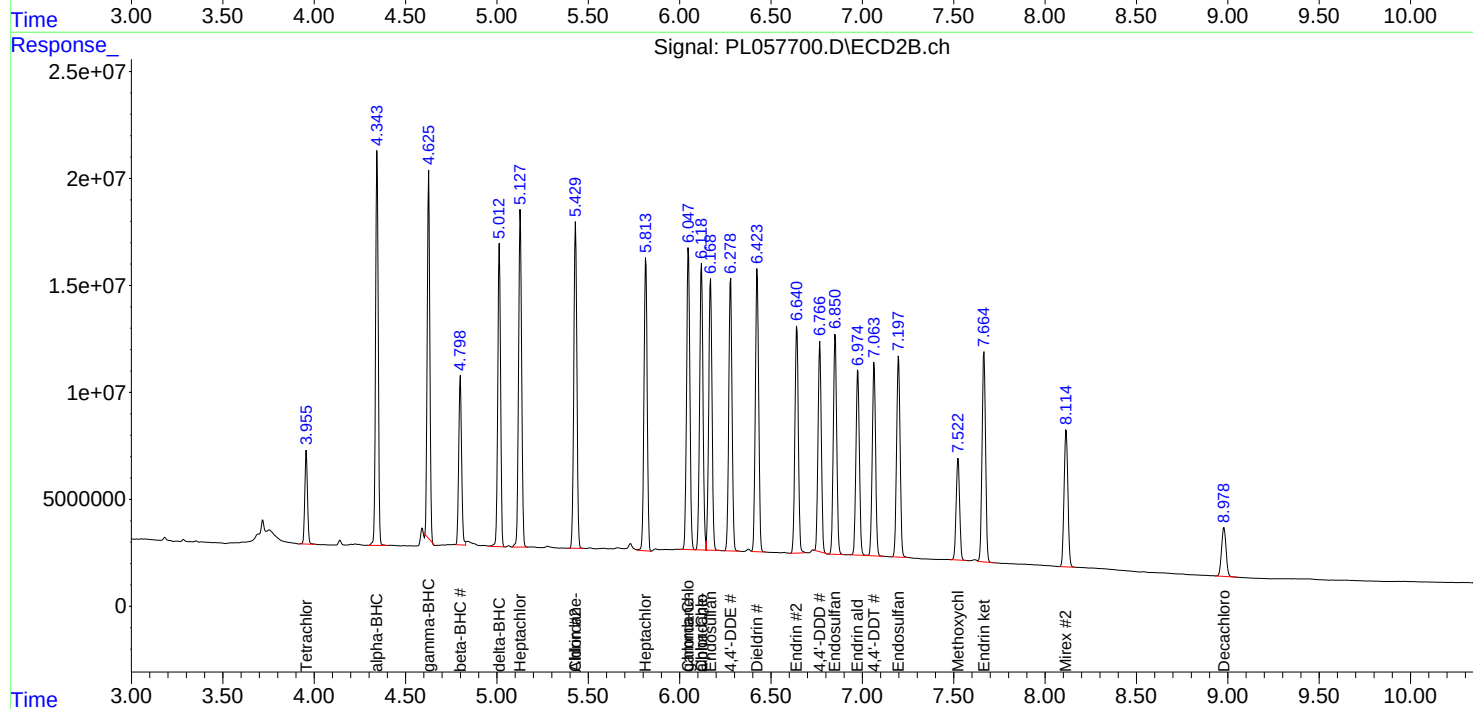
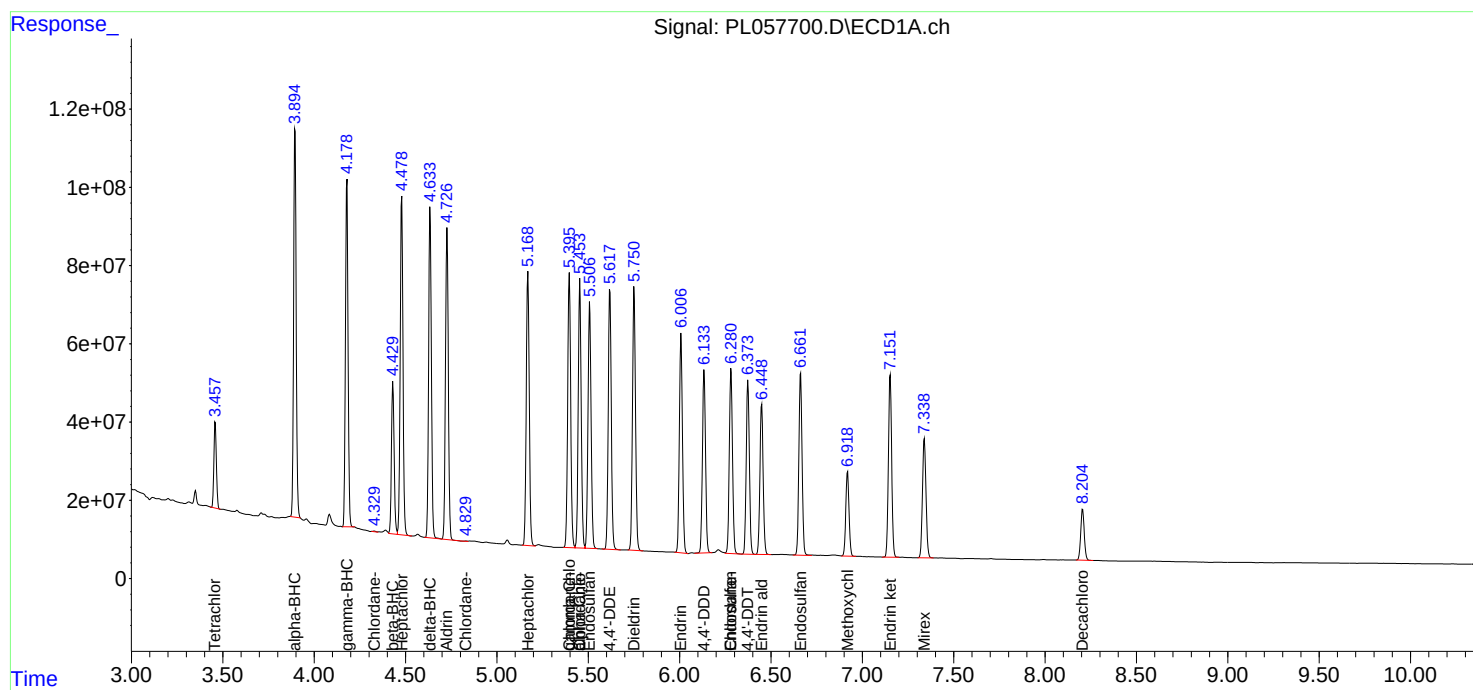
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

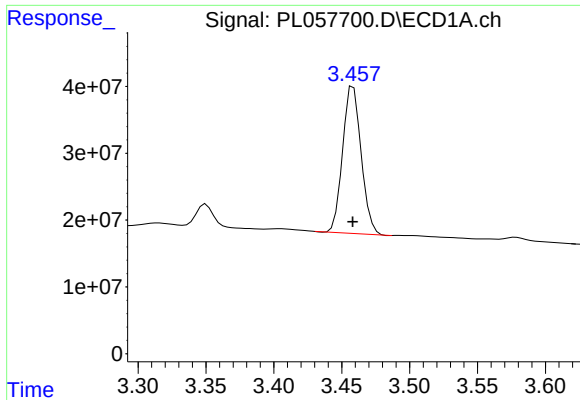
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033120\  
Data File : PL057700.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2020 18:21  
Operator : AJ\MA  
Sample : L1762-25MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 05:27:54 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

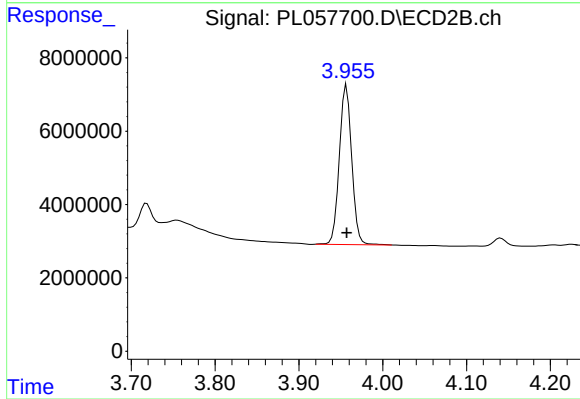




#1 Tetrachloro-m-xylene

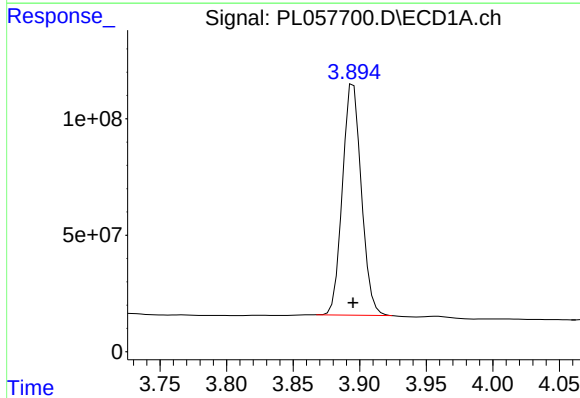
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 209008905  
Conc: 22.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



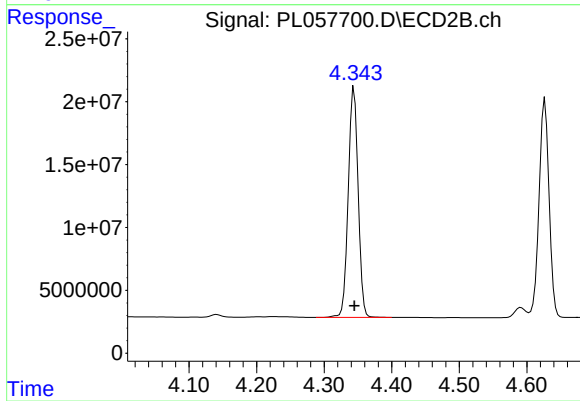
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 44634915  
Conc: 20.57 ng/ml



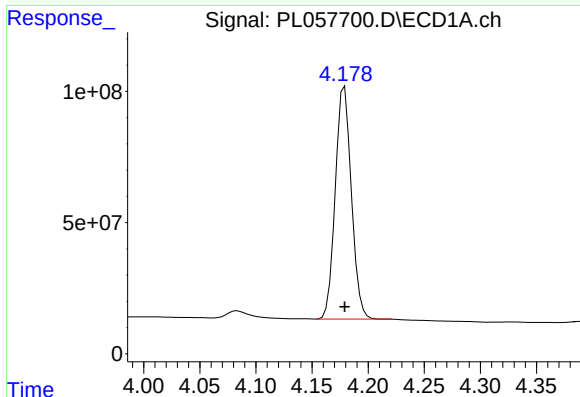
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 982005267  
Conc: 61.65 ng/ml



#2 alpha-BHC

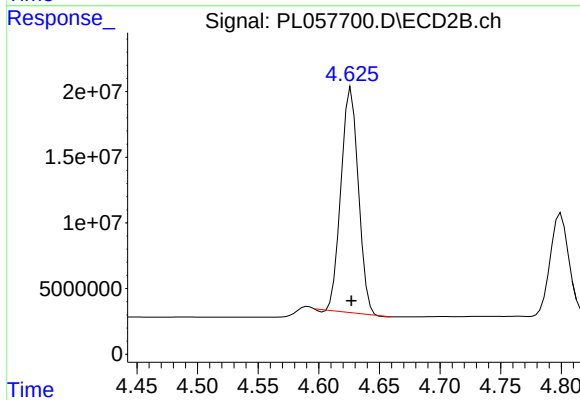
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 184988090  
Conc: 57.59 ng/ml



#3 gamma-BHC (Lindane)

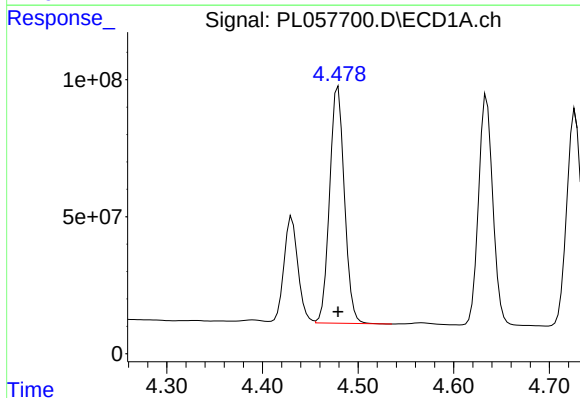
R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 884658700  
Conc: 61.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



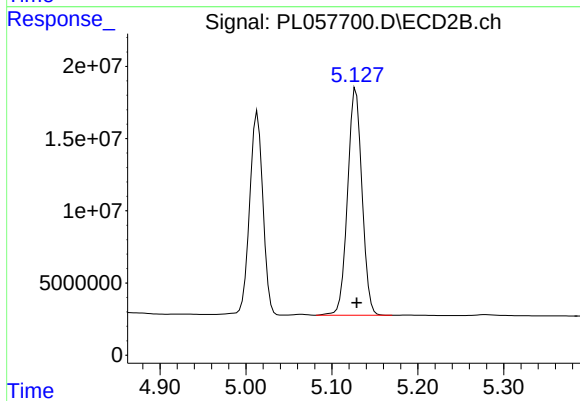
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 169653146  
Conc: 54.07 ng/ml



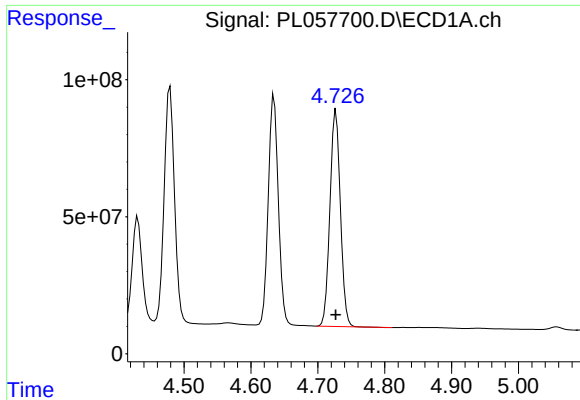
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 923620365  
Conc: 62.19 ng/ml



#4 Heptachlor

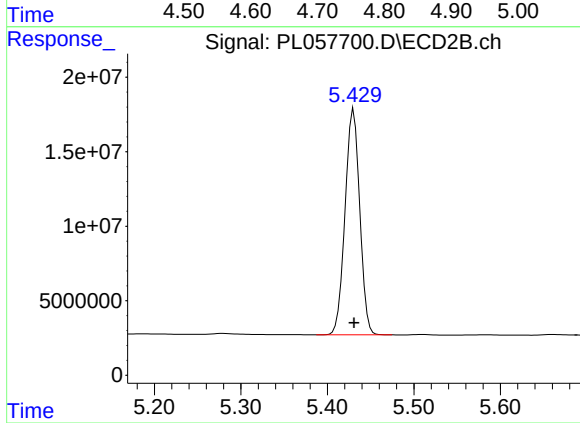
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 183958379  
Conc: 58.44 ng/ml



#5 Aldrin

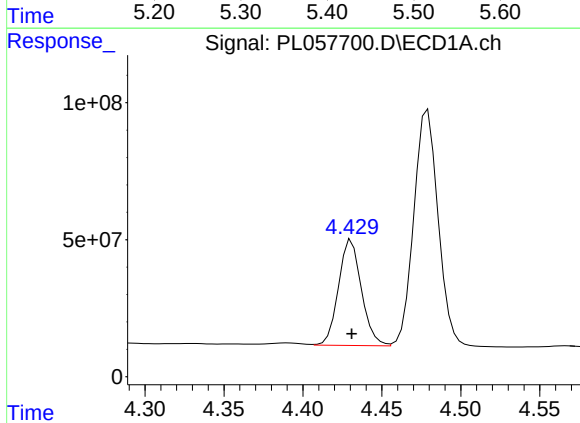
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 854302892  
Conc: 61.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



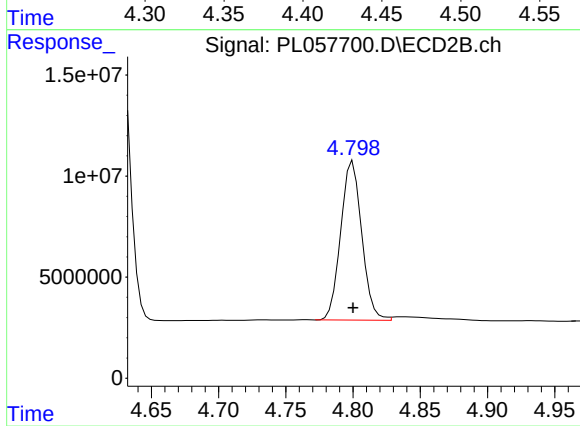
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 177682197  
Conc: 58.24 ng/ml



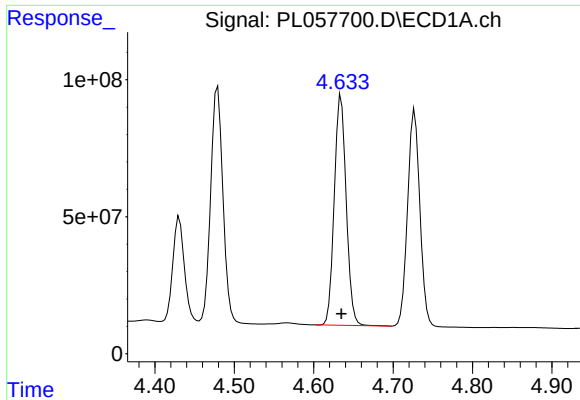
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 390837364  
Conc: 66.48 ng/ml



#6 beta-BHC

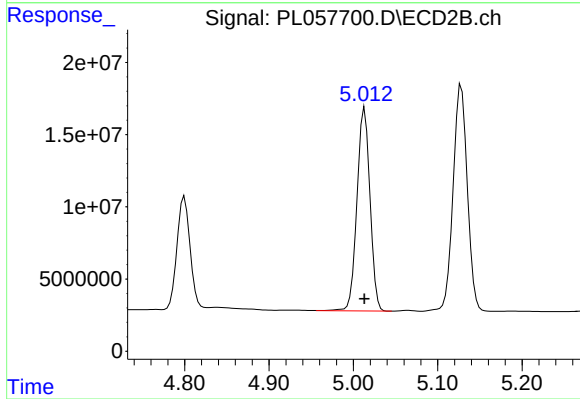
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 85534190  
Conc: 59.30 ng/ml



#7 delta-BHC

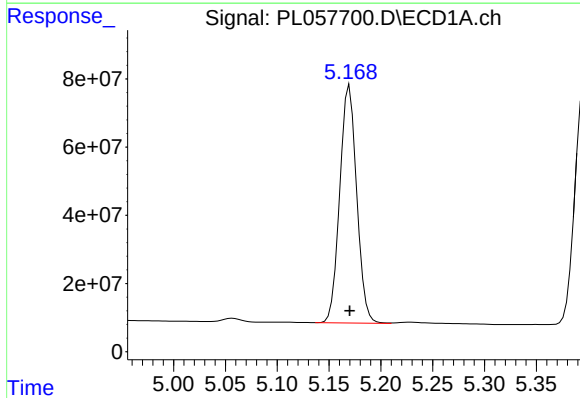
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 876009667  
Conc: 62.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



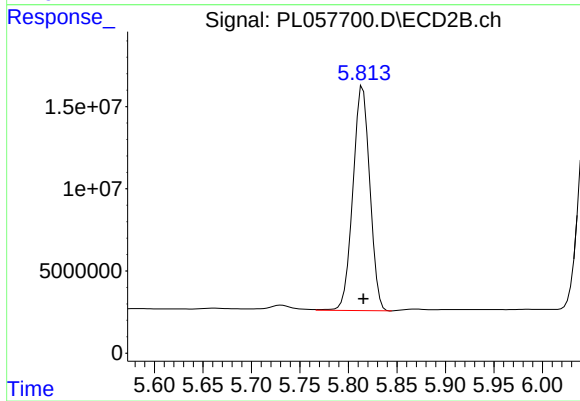
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 151035208  
Conc: 57.53 ng/ml



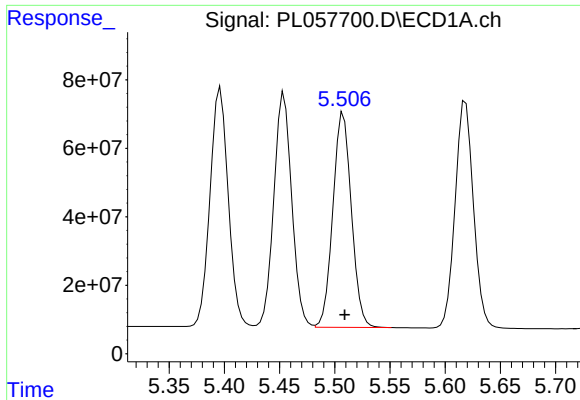
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 792482883  
Conc: 61.84 ng/ml



#8 Heptachlor epoxide

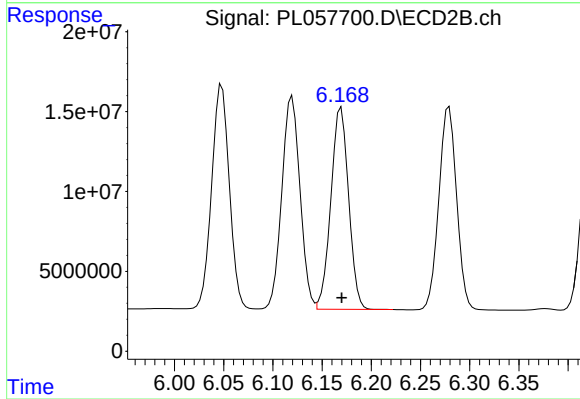
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 165761387  
Conc: 60.75 ng/ml



#9 Endosulfan I

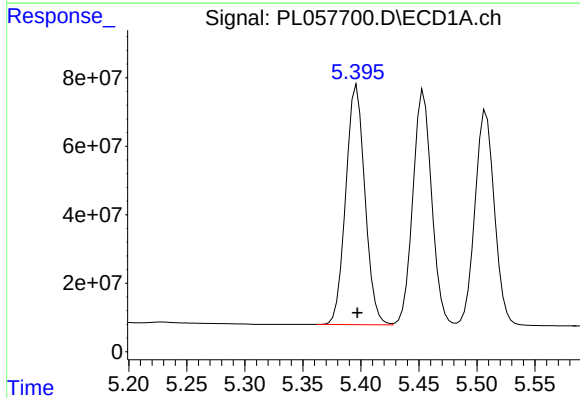
R.T.: 5.508 min  
Delta R.T.: -0.001 min  
Response: 731047099  
Conc: 61.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



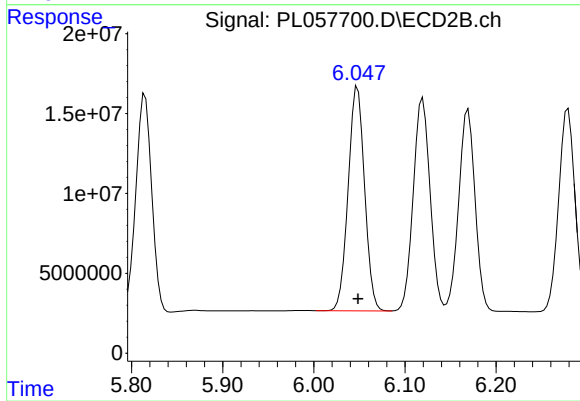
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 158623257  
Conc: 55.75 ng/ml



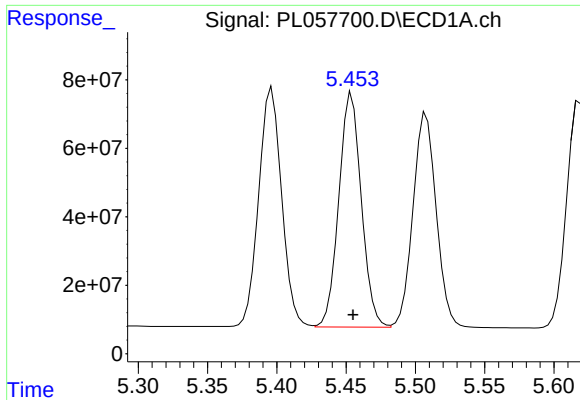
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 802020622  
Conc: 61.50 ng/ml



#10 gamma-Chlordane

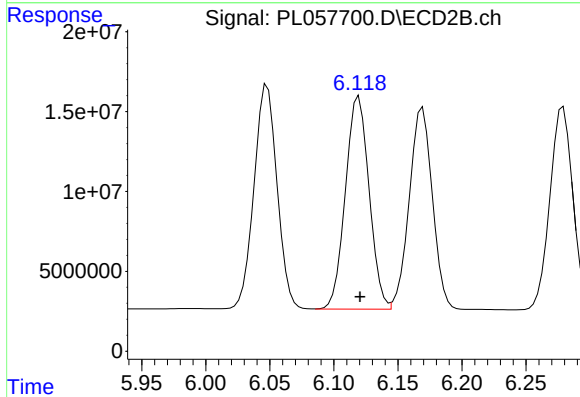
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 175495650  
Conc: 56.94 ng/ml



#11 alpha-Chlordane

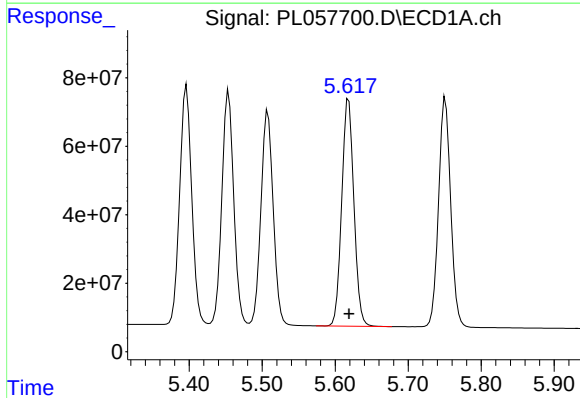
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 772772383  
Conc: 59.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



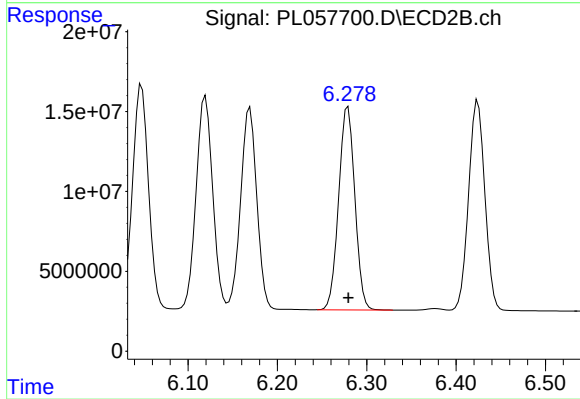
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 171375285  
Conc: 55.06 ng/ml



#12 4,4'-DDE

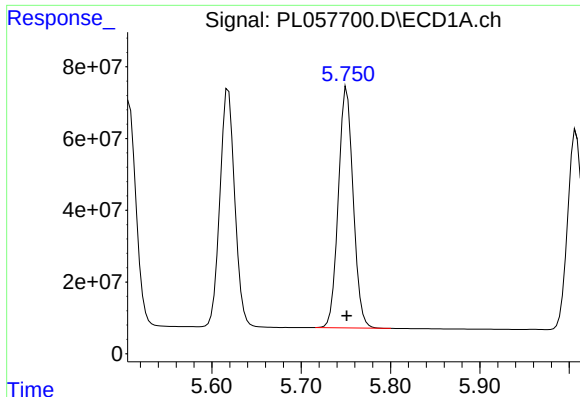
R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 767524863  
Conc: 61.62 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 159951326  
Conc: 56.27 ng/ml

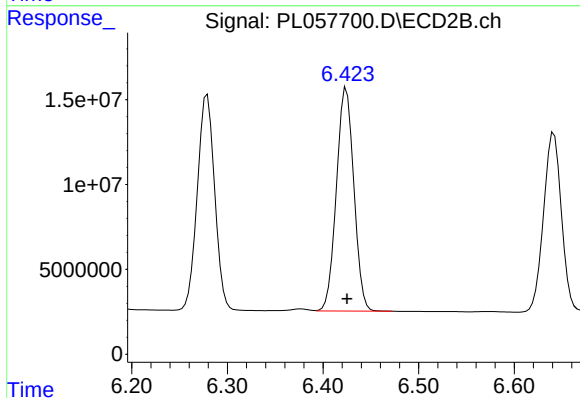




#13 Dieldrin

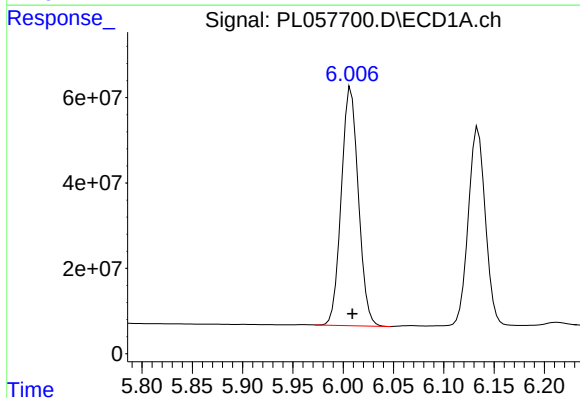
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 772507602  
Conc: 61.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



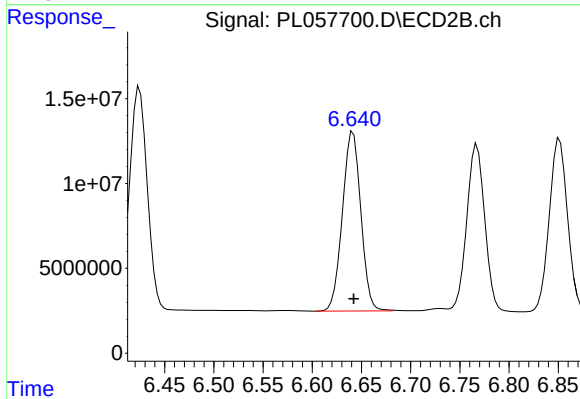
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 166665155  
Conc: 56.34 ng/ml



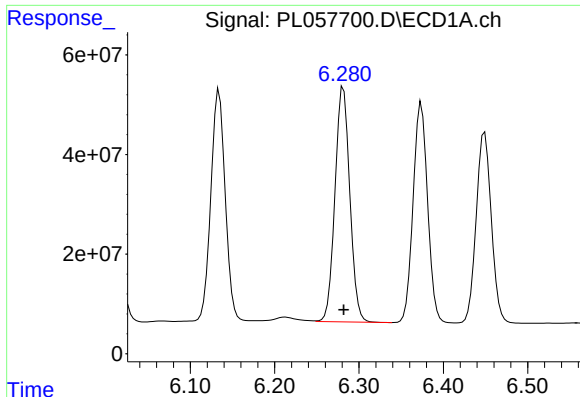
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 658100949  
Conc: 57.57 ng/ml



#14 Endrin

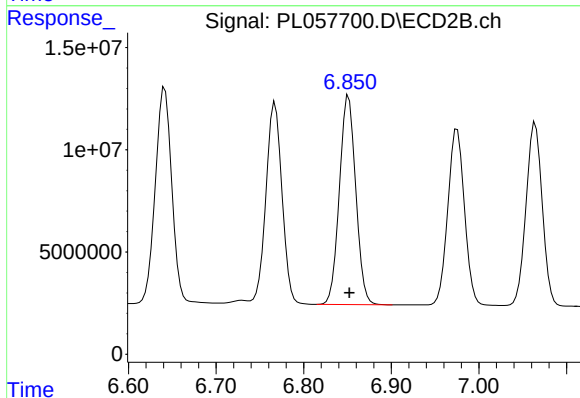
R.T.: 6.641 min  
Delta R.T.: 0.000 min  
Response: 137819914  
Conc: 57.12 ng/ml



#15 Endosulfan II

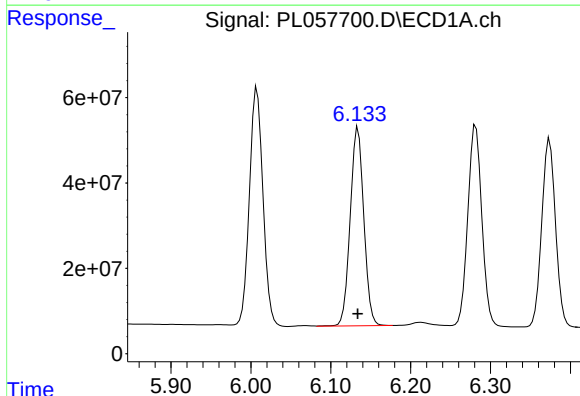
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 576377722  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



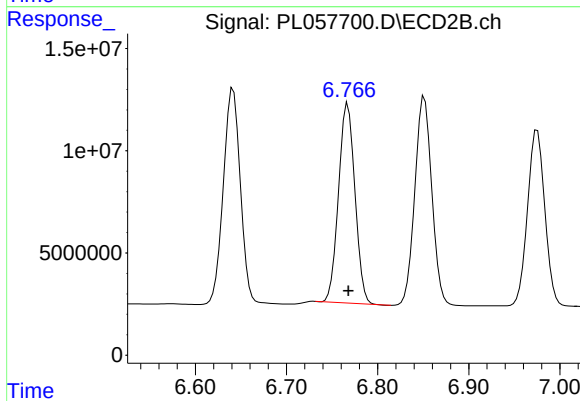
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 132564311  
Conc: 50.47 ng/ml



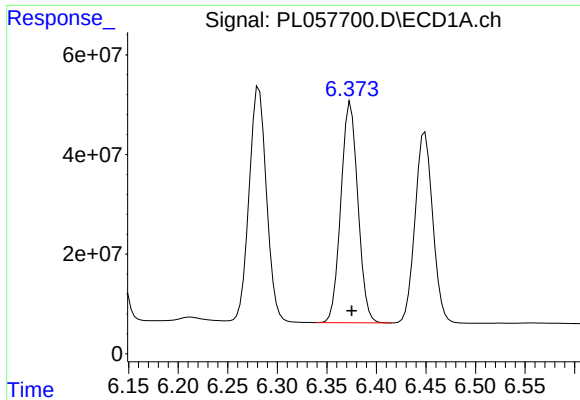
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 550156682  
Conc: 56.13 ng/ml



#16 4,4'-DDD

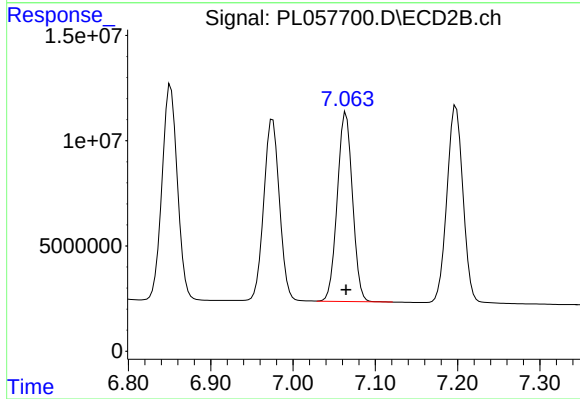
R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 122124849  
Conc: 53.48 ng/ml



#17 4,4'-DDT

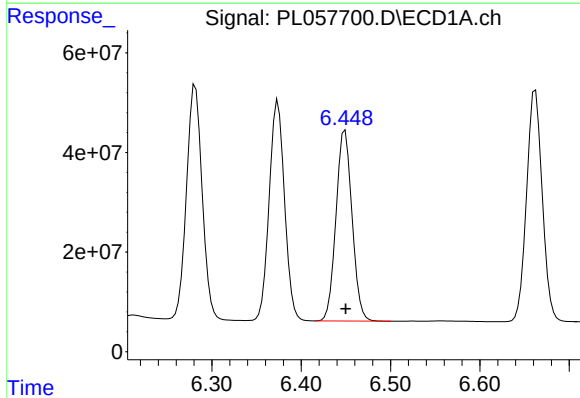
R.T.: 6.374 min  
Delta R.T.: -0.001 min  
Response: 528211336  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



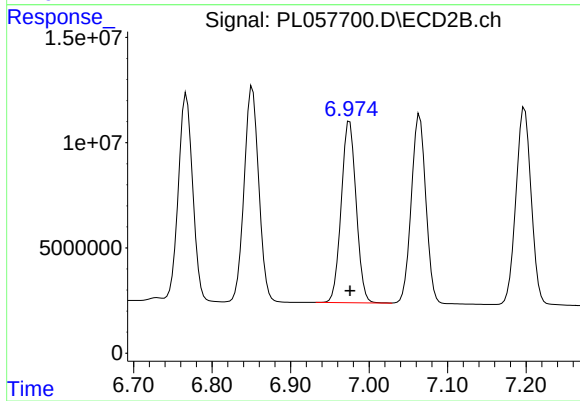
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 115425185  
Conc: 50.68 ng/ml



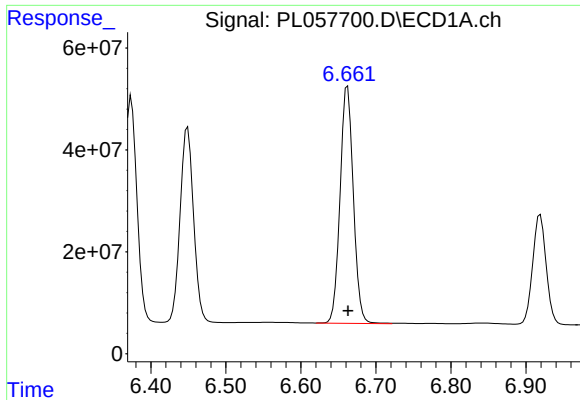
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 477395255  
Conc: 51.69 ng/ml



#18 Endrin aldehyde

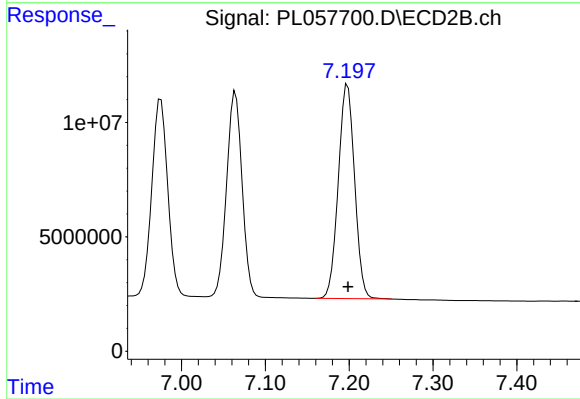
R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 114199891  
Conc: 51.37 ng/ml



#19 Endosulfan Sulfate

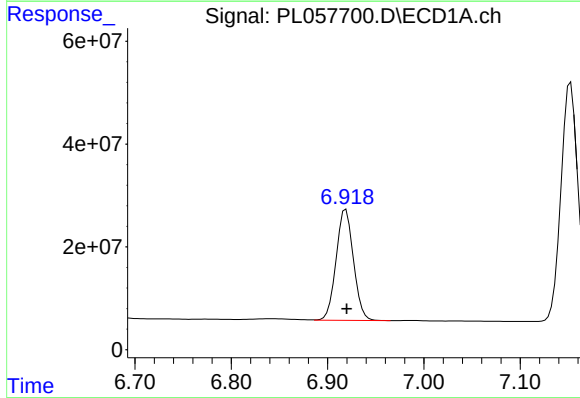
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 572888767  
Conc: 57.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



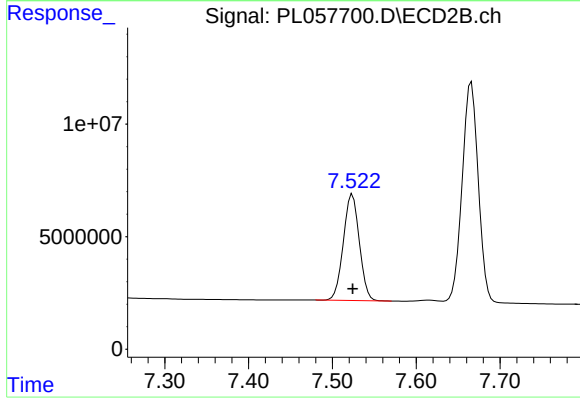
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 126633809  
Conc: 51.92 ng/ml



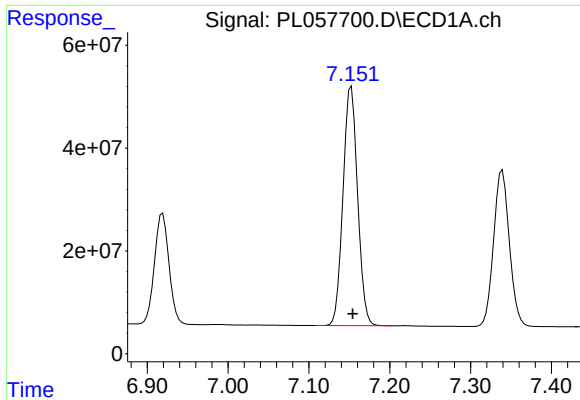
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 269520058  
Conc: 50.23 ng/ml



#20 Methoxychlor

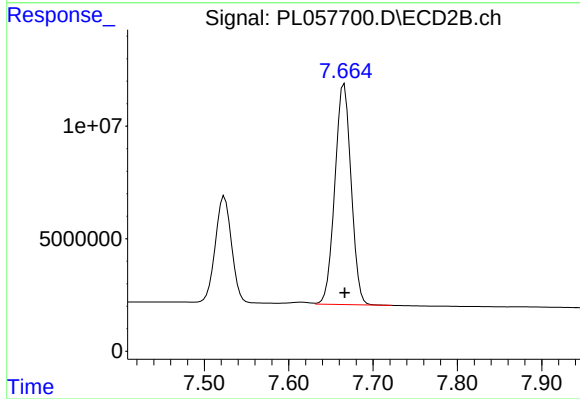
R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 62798690  
Conc: 48.28 ng/ml



#21 Endrin ketone

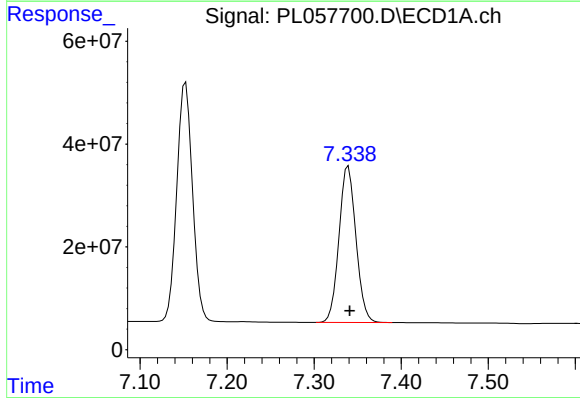
R.T.: 7.152 min  
Delta R.T.: -0.002 min  
Response: 582717083  
Conc: 51.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



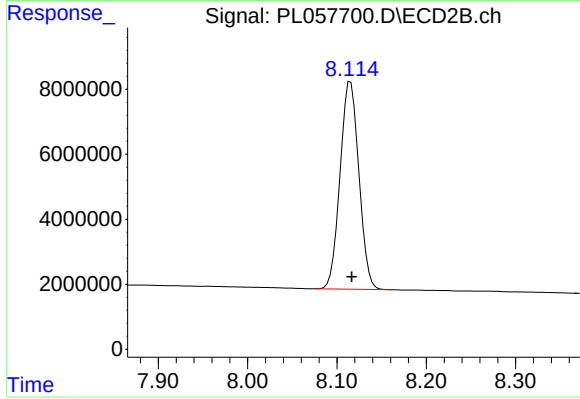
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 131214984  
Conc: 50.69 ng/ml



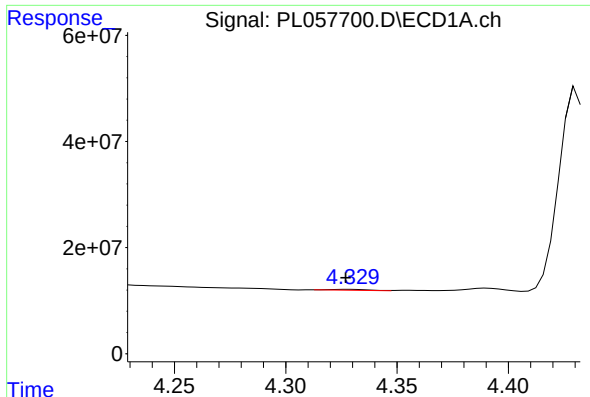
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.002 min  
Response: 411349462  
Conc: 50.79 ng/ml



#22 Mirex

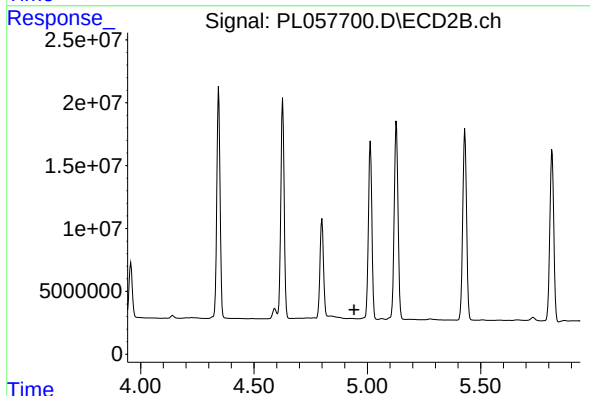
R.T.: 8.115 min  
Delta R.T.: -0.001 min  
Response: 93583112  
Conc: 49.01 ng/ml



#23 Chlordane-1

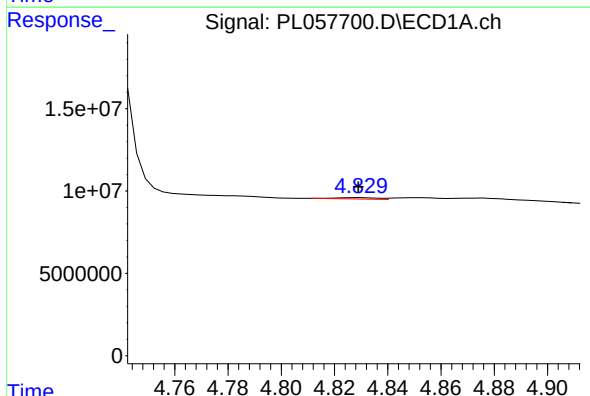
R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 2225257  
Conc: 6.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



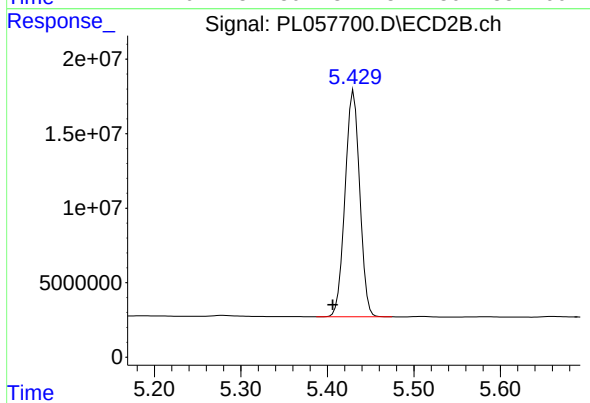
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



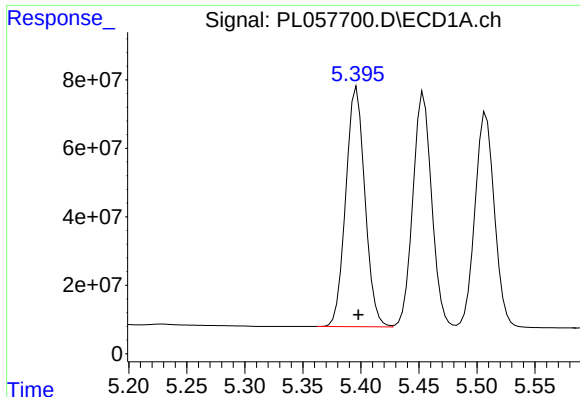
#24 Chlordane-2

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 976971  
Conc: 2.69 ng/ml



#24 Chlordane-2

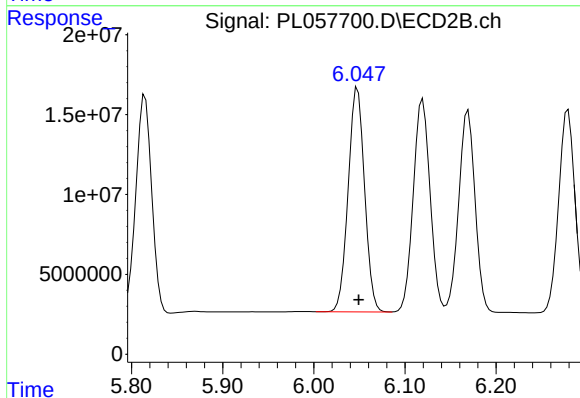
R.T.: 5.430 min  
Delta R.T.: 0.024 min  
Response: 177682197  
Conc: 1885.40 ng/ml



#25 Chlordane-3

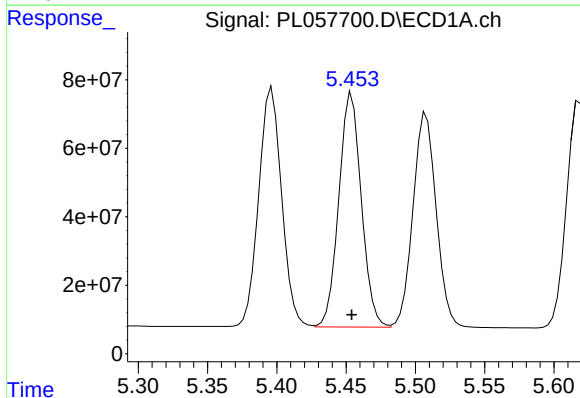
R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 802020622  
Conc: 711.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



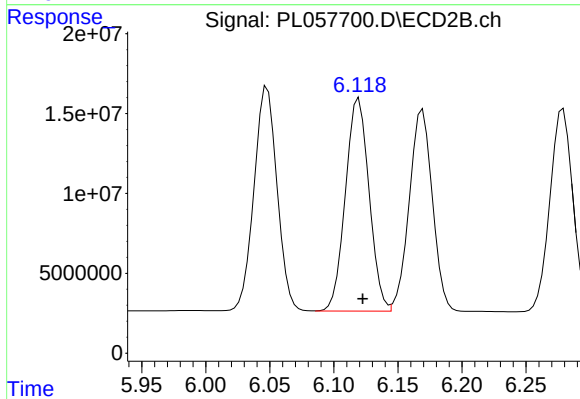
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: -0.001 min  
Response: 175495650  
Conc: 462.81 ng/ml



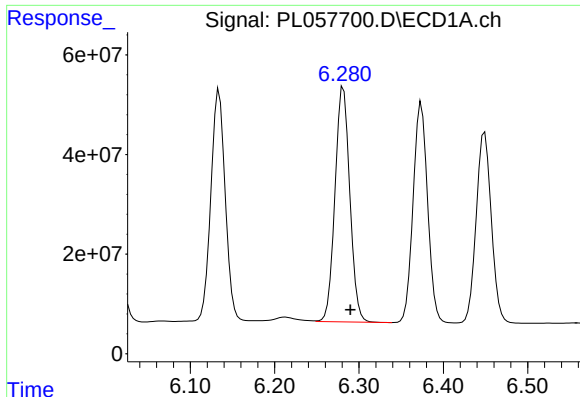
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 772772383  
Conc: 806.09 ng/ml



#26 Chlordane-4

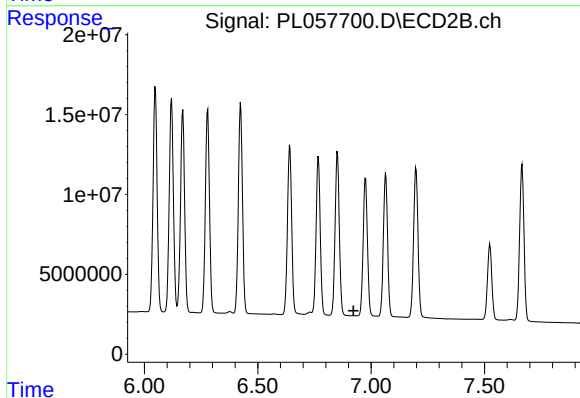
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 171375285  
Conc: 374.43 ng/ml



#27 Chlordane-5

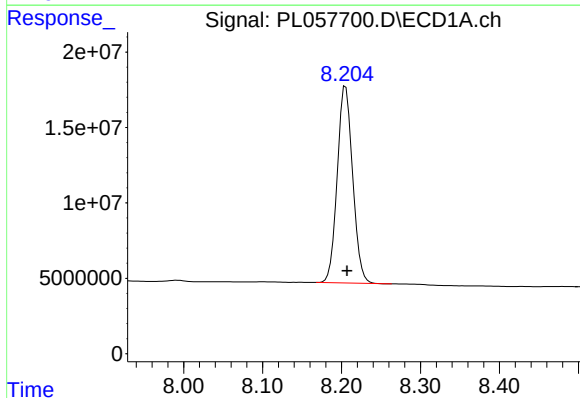
R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 576377722  
Conc: 1584.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



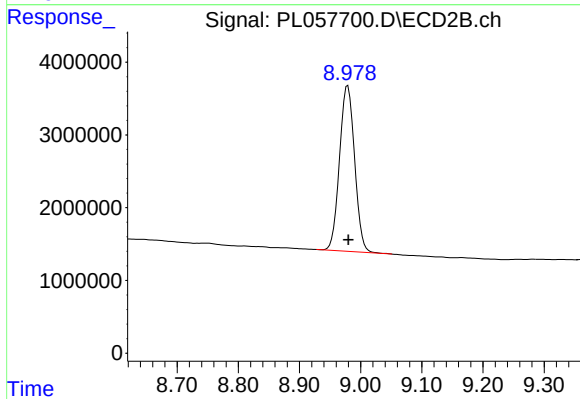
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 176841215  
Conc: 16.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.001 min  
Response: 39023297  
Conc: 17.60 ng/ml