

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
 Data File : PL078413.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2022 13:45  
 Operator : AR\AJ  
 Sample : N5162-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 04:49:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 2022  
 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... | 3.414  | 2.621  | 21056287 | 36635179 | 12.741  | 13.860    |
| 28)                         | SA Decachlor... | 8.904  | 7.717  | 19018554 | 26106477 | 12.319  | 12.009    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.894f | 3.131f | 935122   | 86706    | 0.372   | 0.021 #   |
| 3)                          | MA gamma-BHC... | 4.213  | 3.427  | 489415   | 661348   | 0.210   | 0.190     |
| 4)                          | MA Heptachlor   | 4.783  | 3.761  | 414450   | 17630250 | 0.186   | 4.936 #   |
| 5)                          | MB Aldrin       | 5.105f | 4.058f | 22866078 | 960873   | 10.918  | 0.282 #   |
| 6)                          | B beta-BHC      | 4.420  | 3.761f | 1024150  | 17630250 | 1.030   | 11.959 #  |
| 7)                          | B delta-BHC     | 0.000  | 3.942f | 0        | 9292153  | N.D.    | 2.514 #   |
| 8)                          | B Heptachlo...  | 5.546f | 4.540  | 87107    | 737175   | 0.057   | 0.250 #   |
| 9)                          | A Endosulfan I  | 5.954  | 4.923f | 328788   | 1228628  | 0.196   | 0.445 #   |
| 10)                         | B gamma-Chl...  | 5.819  | 4.790  | 7101494  | 9324846  | 3.986   | 3.115     |
| 11)                         | B alpha-Chl...  | 5.897  | 4.851  | 14663180 | 17968537 | 8.188   | 6.240     |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.046  | 27085940 | 49241887 | 16.071  | 17.225    |
| 13)                         | MA Dieldrin     | 6.245f | 5.177  | 164921   | 644665   | 0.096   | 0.220 #   |
| 14)                         | MA Endrin       | 0.000  | 5.458f | 0        | 6257145  | N.D.    | 2.716 #   |
| 15)                         | B Endosulfa...  | 6.706f | 5.740  | 1102948  | 2841163  | 0.823   | 1.161 #   |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.600  | 1324418  | 786345   | 1.076   | 0.353 #   |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.847  | 22310549 | 38948198 | 15.240  | 17.158    |
| 18)                         | B Endrin al...  | 6.831  | 5.939f | 46409    | 727985   | 0.041   | 0.393 #   |
| 19)                         | B Endosulfa...  | 7.060  | 6.135  | -10488   | 628701   | N.D.    | 0.261     |
| 20)                         | A Methoxychlor  | 7.385  | 0.000  | 104333   | 0        | 0.138   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.568f | 0.000  | 549044   | 0        | 0.352   | N.D. #    |
| 22)                         | Mirex           | 7.999  | 6.828f | 197411   | 301901   | 0.167   | 0.157     |
| 23)                         | Chlordane-1     | 4.574  | 3.597  | 2591315  | 12120731 | 40.963  | 126.463 # |
| 24)                         | Chlordane-2     | 5.105  | 4.169  | 22866078 | 6952830  | 324.648 | 68.983 #  |
| 25)                         | Chlordane-3     | 5.819  | 4.790  | 7101494  | 9324846  | 27.316  | 30.477    |
| 26)                         | Chlordane-4     | 5.897  | 4.851  | 14663180 | 17968537 | 45.912  | 55.645    |
| 27)                         | Chlordane-5     | 6.756  | 5.518  | 1581566  | 2264071  | 31.146  | 26.533    |
| -----                       |                 |        |        |          |          |         |           |

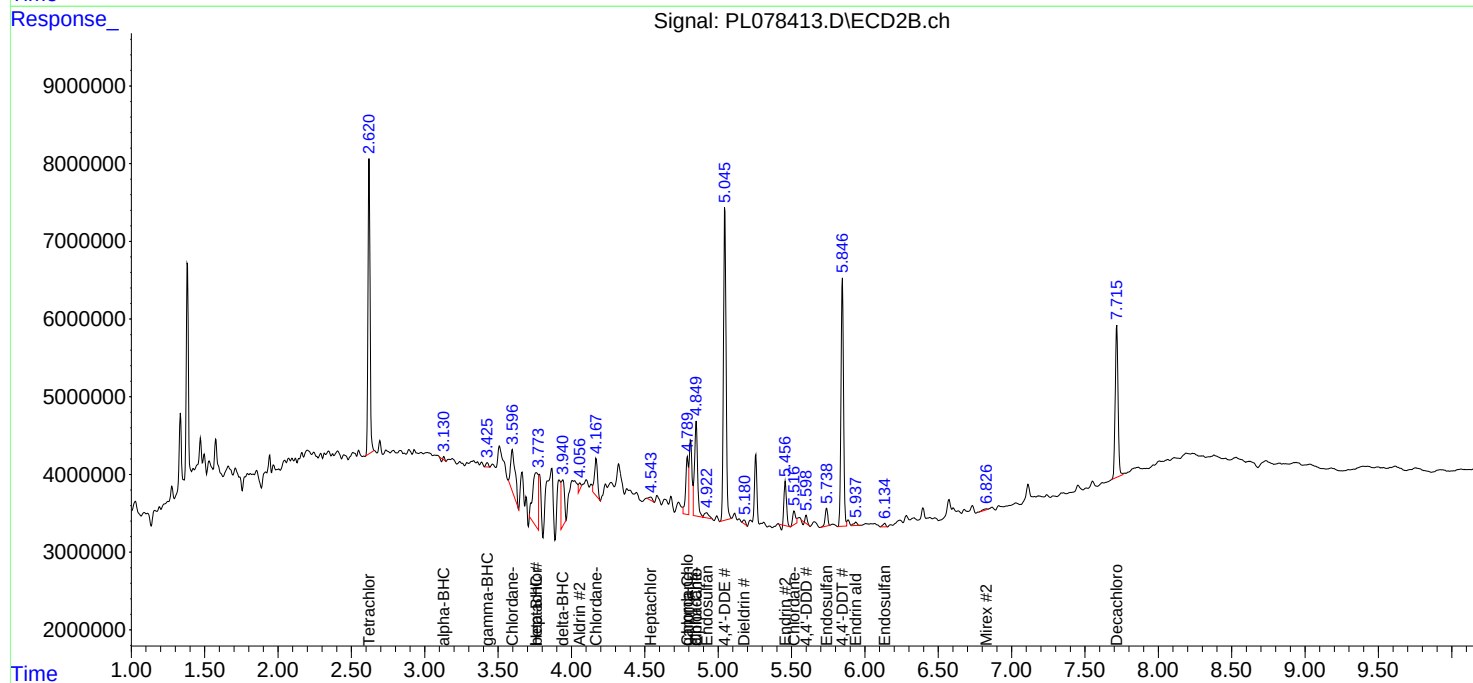
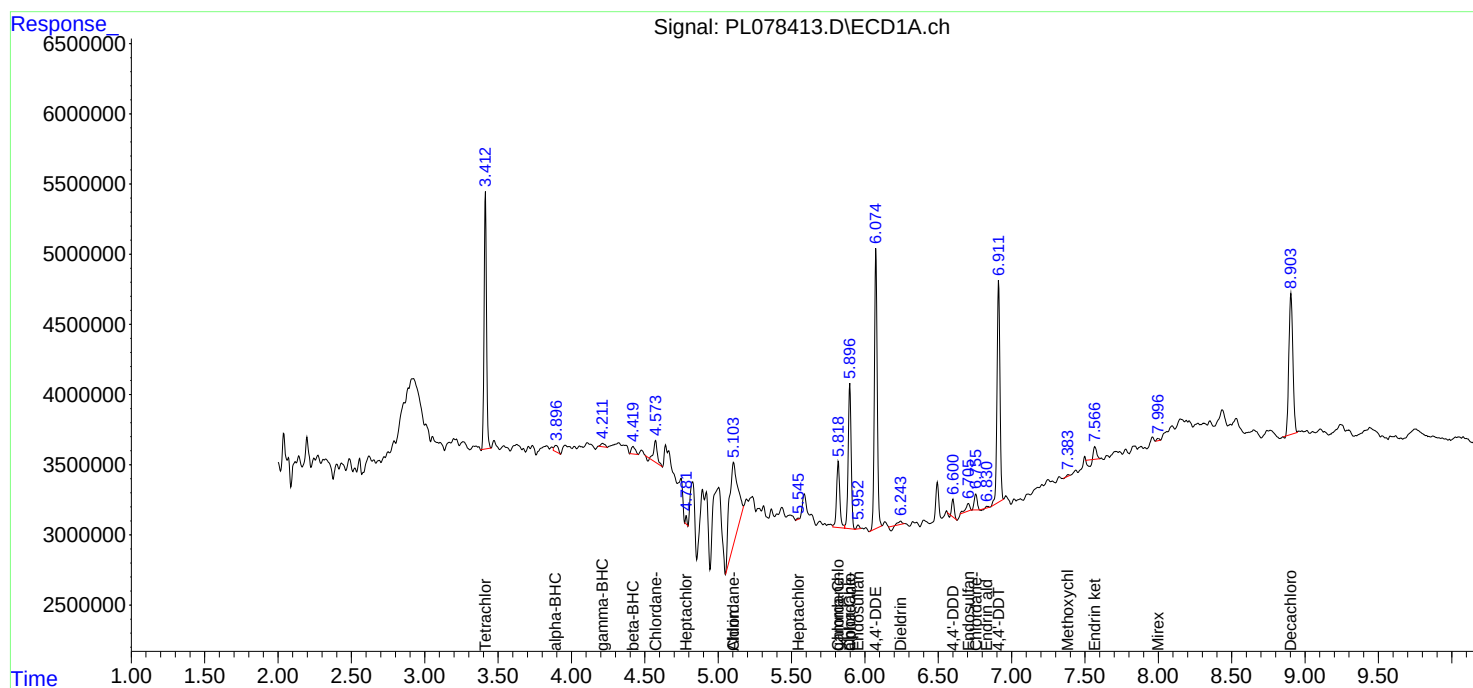
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

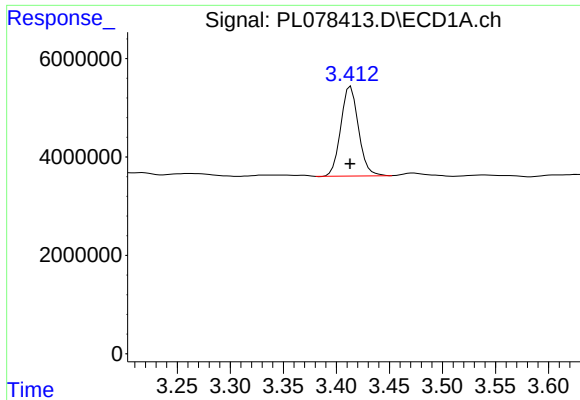
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
Data File : PL078413.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2022 13:45  
Operator : AR\AJ  
Sample : N5162-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 04:49:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 12 15:30:54 2022  
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

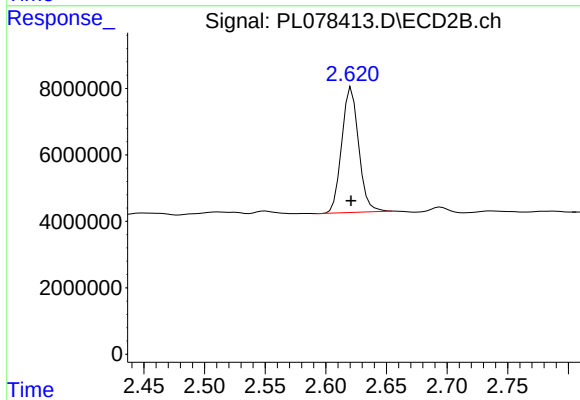




#1 Tetrachloro-m-xylene

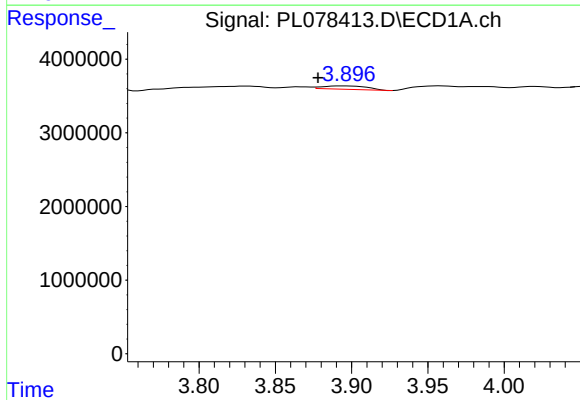
R.T.: 3.414 min  
Delta R.T.: 0.000 min  
Response: 21056287  
Conc: 12.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



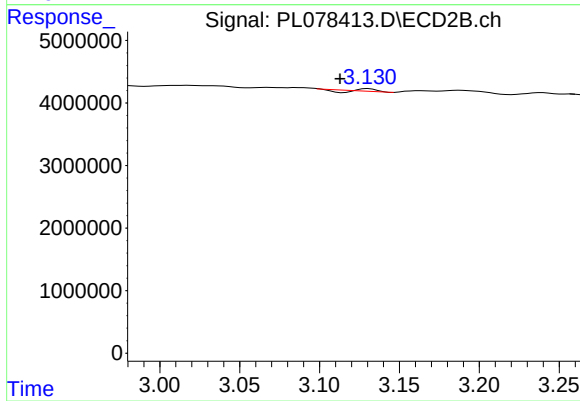
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: 0.000 min  
Response: 36635179  
Conc: 13.86 ng/ml



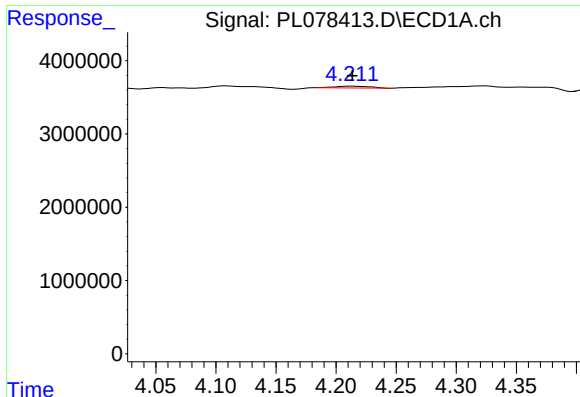
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.016 min  
Response: 935122  
Conc: 0.37 ng/ml



#2 alpha-BHC

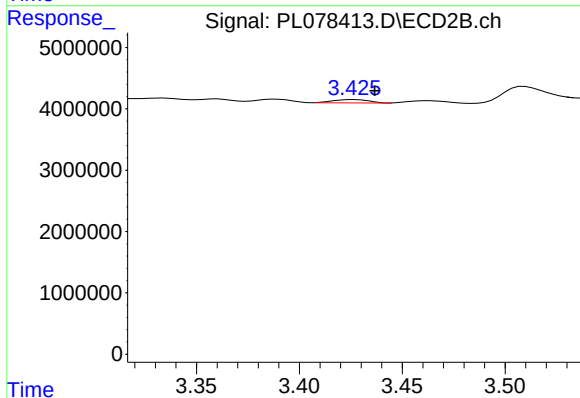
R.T.: 3.131 min  
Delta R.T.: 0.018 min  
Response: 86706  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

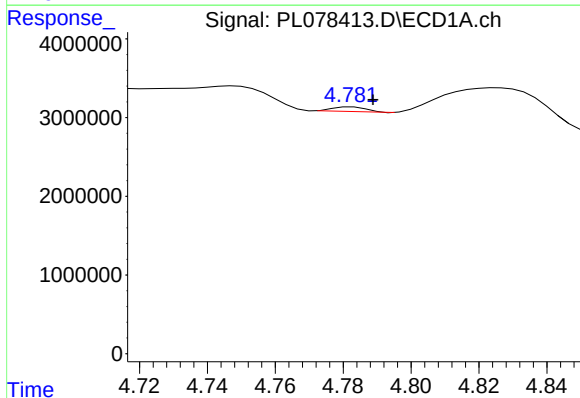
R.T.: 4.213 min  
Delta R.T.: 0.000 min  
Response: 489415  
Conc: 0.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



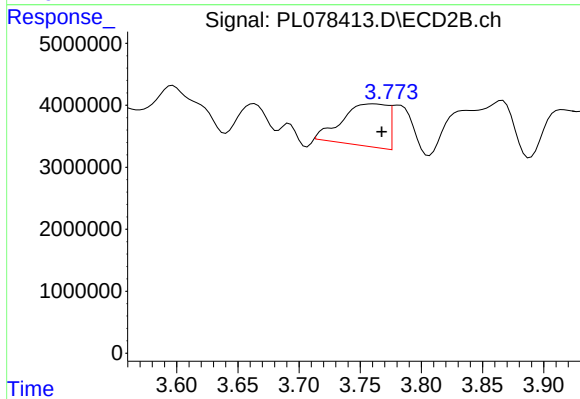
#3 gamma-BHC (Lindane)

R.T.: 3.427 min  
Delta R.T.: -0.010 min  
Response: 661348  
Conc: 0.19 ng/ml



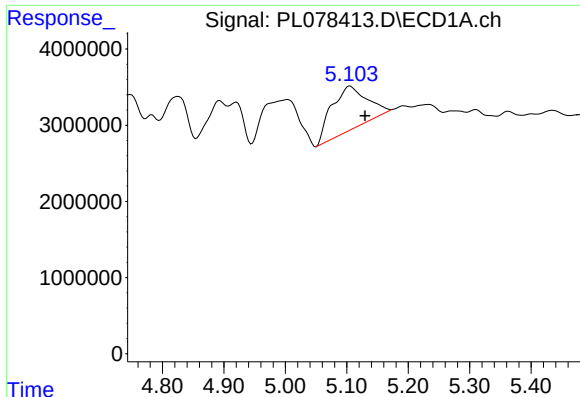
#4 Heptachlor

R.T.: 4.783 min  
Delta R.T.: -0.006 min  
Response: 414450  
Conc: 0.19 ng/ml



#4 Heptachlor

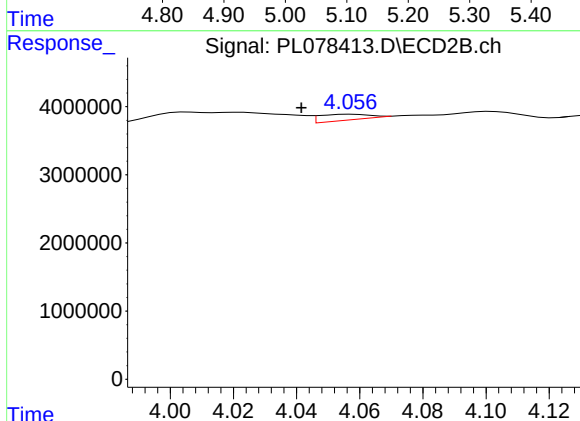
R.T.: 3.761 min  
Delta R.T.: -0.007 min  
Response: 17630250  
Conc: 4.94 ng/ml



#5 Aldrin

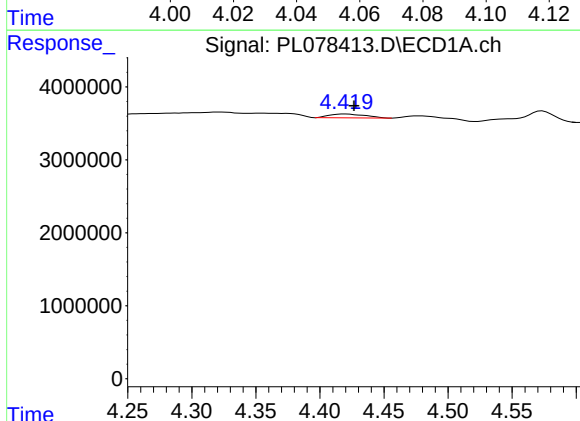
R.T.: 5.105 min  
Delta R.T.: -0.024 min  
Response: 22866078  
Conc: 10.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



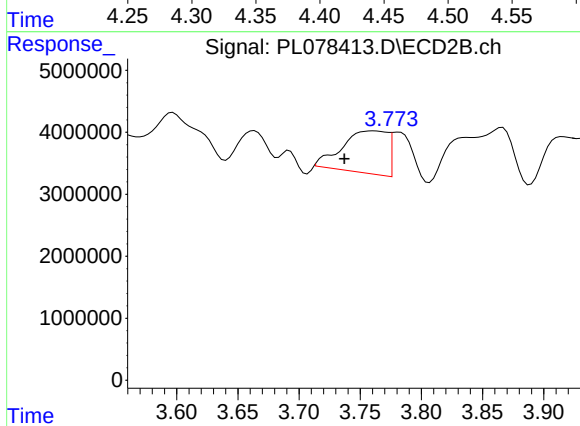
#5 Aldrin

R.T.: 4.058 min  
Delta R.T.: 0.016 min  
Response: 960873  
Conc: 0.28 ng/ml



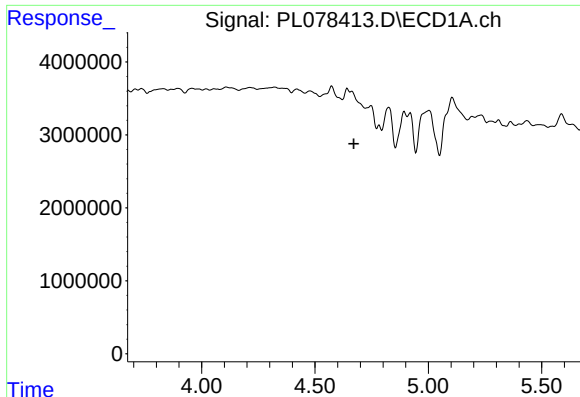
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: -0.007 min  
Response: 1024150  
Conc: 1.03 ng/ml



#6 beta-BHC

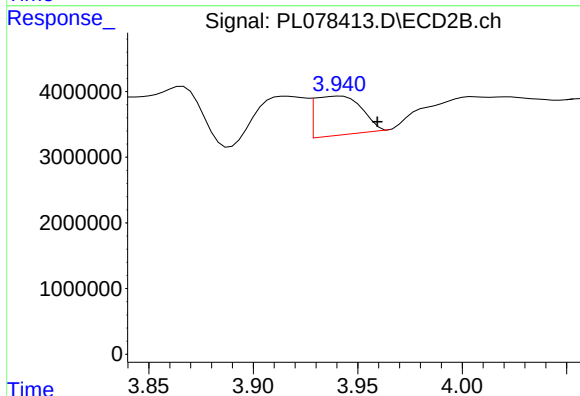
R.T.: 3.761 min  
Delta R.T.: 0.024 min  
Response: 17630250  
Conc: 11.96 ng/ml



#7 delta-BHC

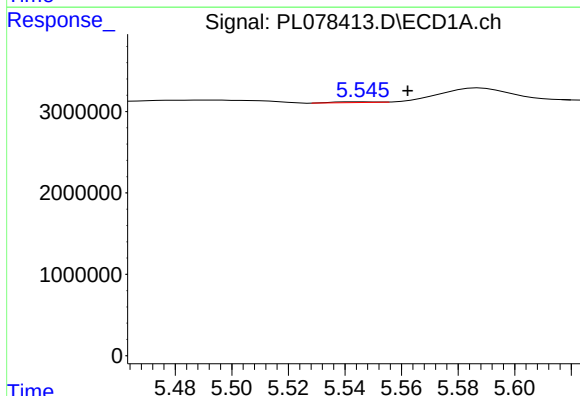
R.T.: 0.000 min  
Exp R.T.: 4.670 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



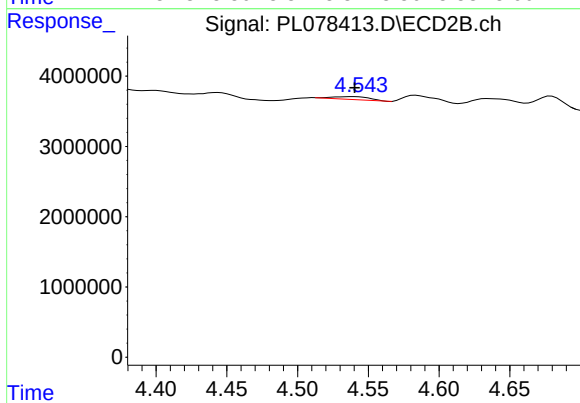
#7 delta-BHC

R.T.: 3.942 min  
Delta R.T.: -0.018 min  
Response: 9292153  
Conc: 2.51 ng/ml



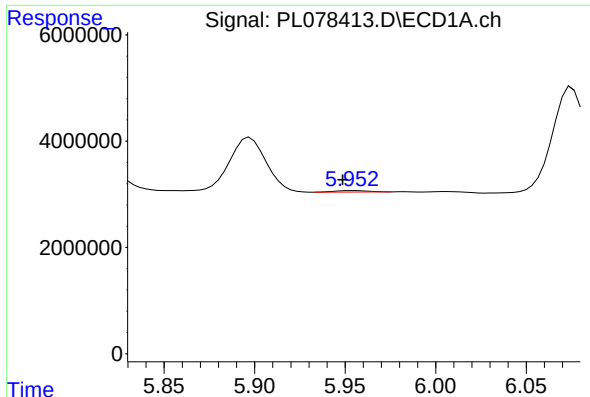
#8 Heptachlor epoxide

R.T.: 5.546 min  
Delta R.T.: -0.016 min  
Response: 87107  
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

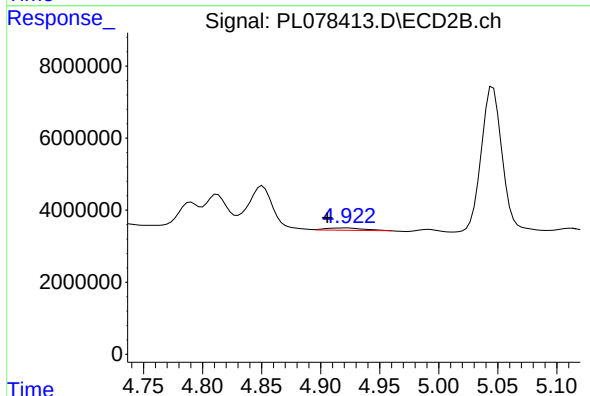
R.T.: 4.540 min  
Delta R.T.: 0.000 min  
Response: 737175  
Conc: 0.25 ng/ml



#9 Endosulfan I

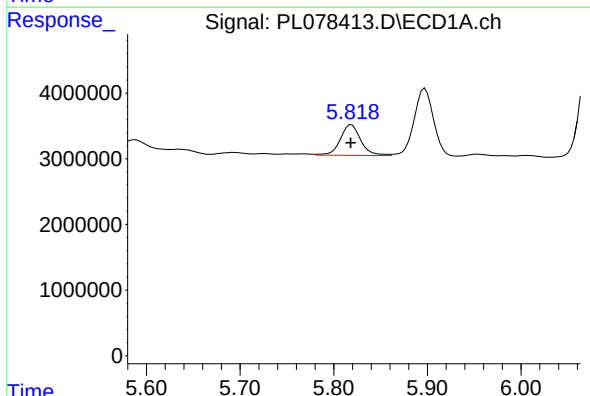
R.T.: 5.954 min  
Delta R.T.: 0.005 min  
Response: 328788  
Conc: 0.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



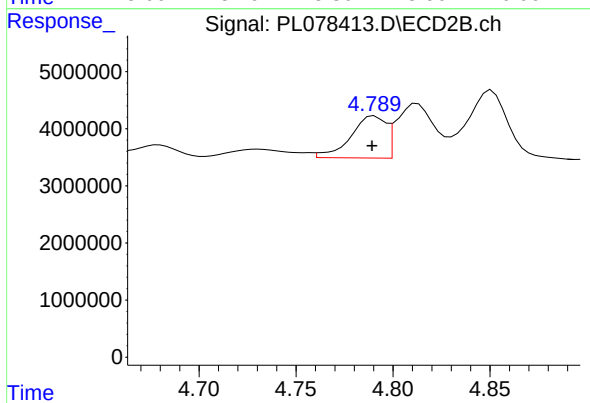
#9 Endosulfan I

R.T.: 4.923 min  
Delta R.T.: 0.017 min  
Response: 1228628  
Conc: 0.45 ng/ml



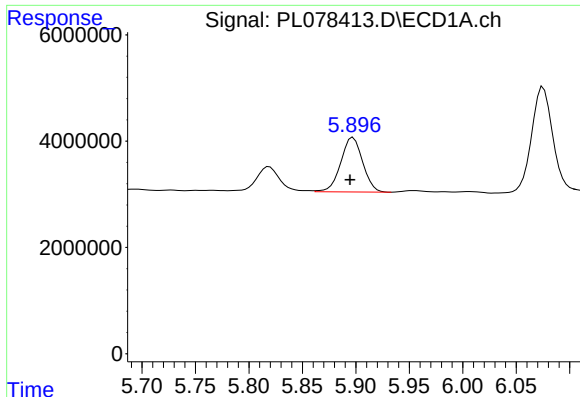
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 7101494  
Conc: 3.99 ng/ml



#10 gamma-Chlordane

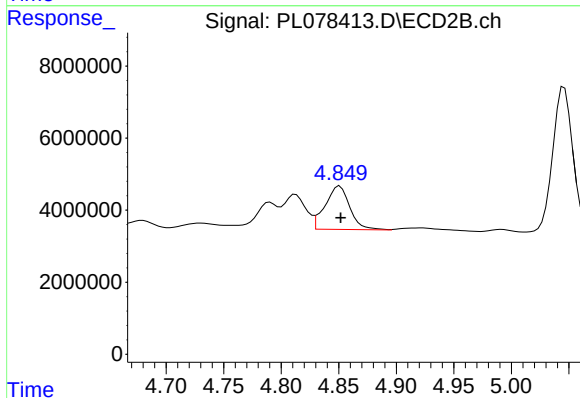
R.T.: 4.790 min  
Delta R.T.: 0.001 min  
Response: 9324846  
Conc: 3.12 ng/ml



#11 alpha-Chlordane

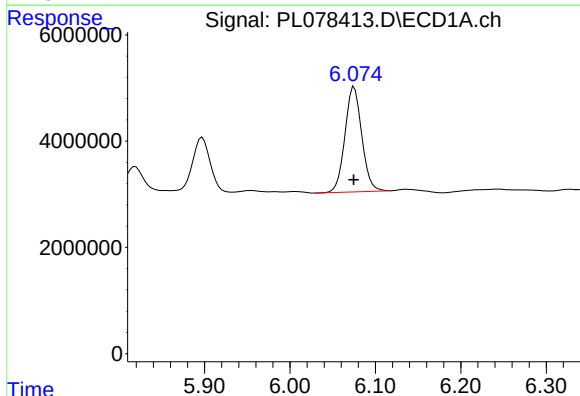
R.T.: 5.897 min  
Delta R.T.: 0.003 min  
Response: 14663180  
Conc: 8.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



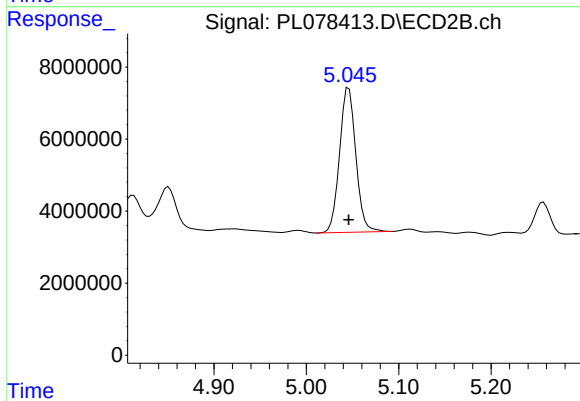
#11 alpha-Chlordane

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 17968537  
Conc: 6.24 ng/ml



#12 4,4'-DDE

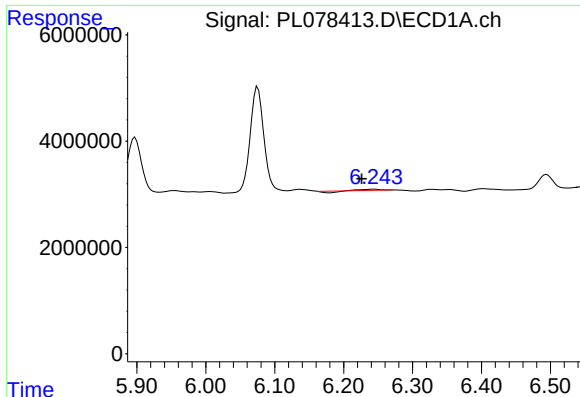
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 27085940  
Conc: 16.07 ng/ml



#12 4,4'-DDE

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 49241887  
Conc: 17.23 ng/ml

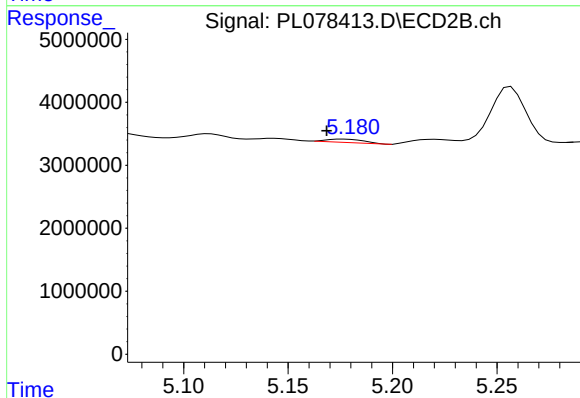




#13 Dieldrin

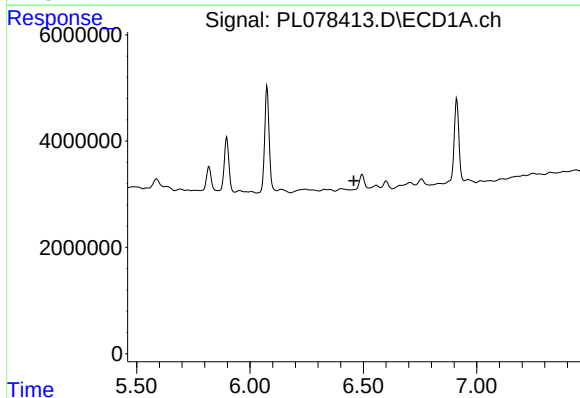
R.T.: 6.245 min  
Delta R.T.: 0.018 min  
Response: 164921  
Conc: 0.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



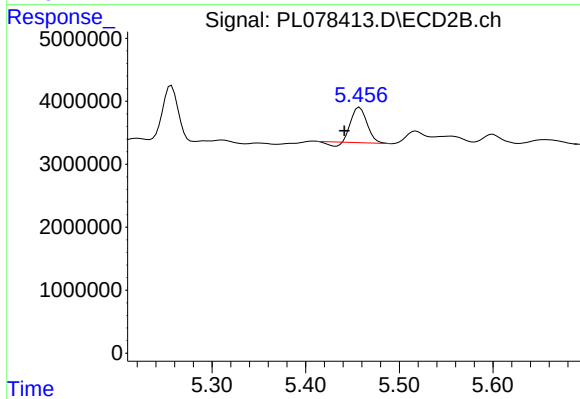
#13 Dieldrin

R.T.: 5.177 min  
Delta R.T.: 0.008 min  
Response: 644665  
Conc: 0.22 ng/ml



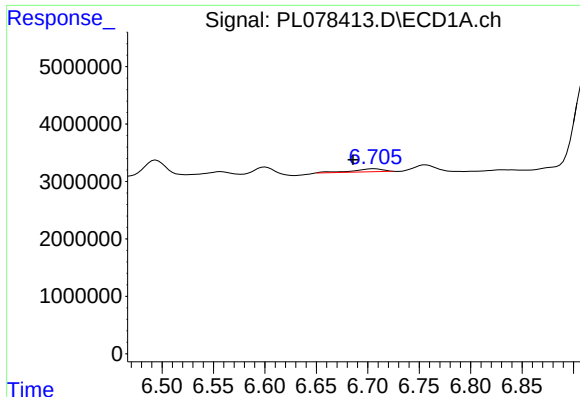
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.458 min  
Response: 0  
Conc: N.D.



#14 Endrin

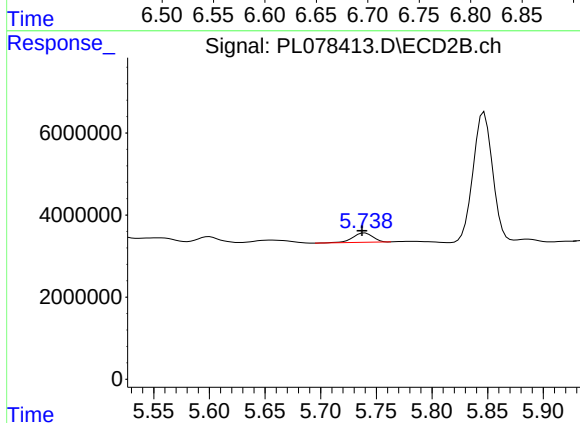
R.T.: 5.458 min  
Delta R.T.: 0.016 min  
Response: 6257145  
Conc: 2.72 ng/ml



#15 Endosulfan II

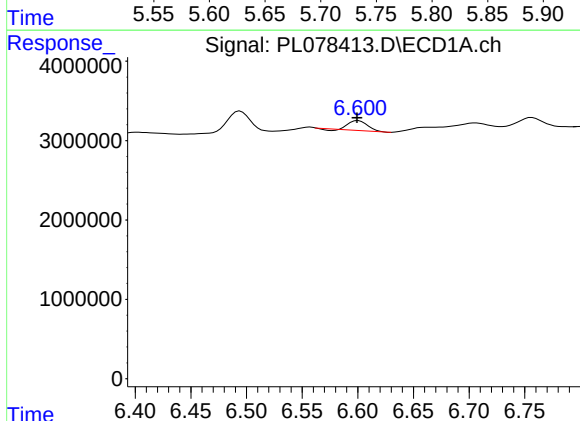
R.T.: 6.706 min  
Delta R.T.: 0.020 min  
Response: 1102948  
Conc: 0.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



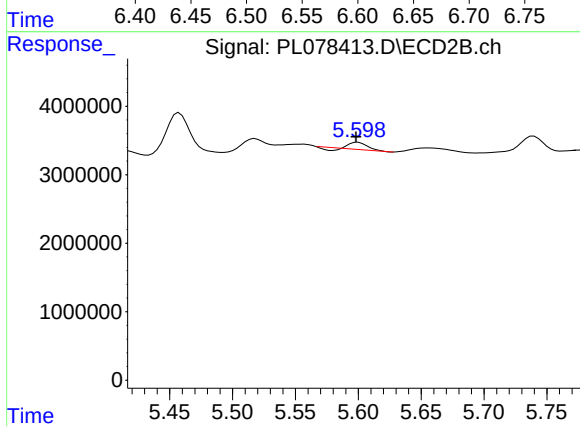
#15 Endosulfan II

R.T.: 5.740 min  
Delta R.T.: 0.002 min  
Response: 2841163  
Conc: 1.16 ng/ml



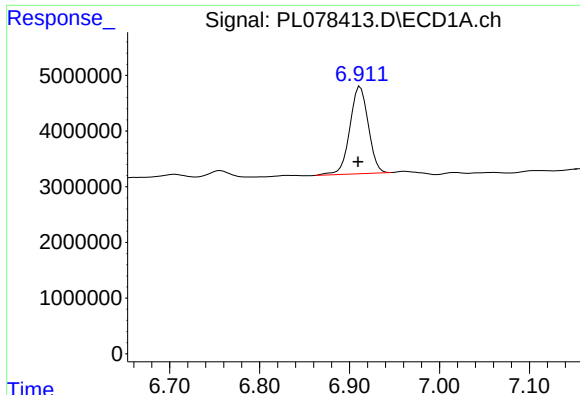
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: 0.001 min  
Response: 1324418  
Conc: 1.08 ng/ml



#16 4,4'-DDD

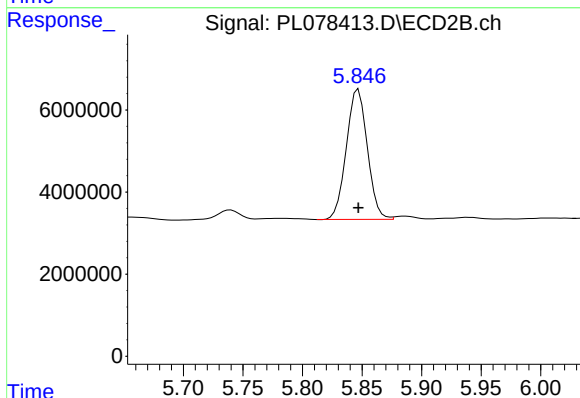
R.T.: 5.600 min  
Delta R.T.: 0.002 min  
Response: 786345  
Conc: 0.35 ng/ml



#17 4,4'-DDT

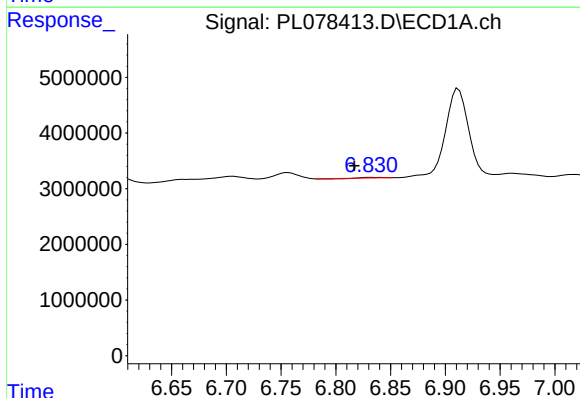
R.T.: 6.912 min  
Delta R.T.: 0.003 min  
Response: 22310549  
Conc: 15.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



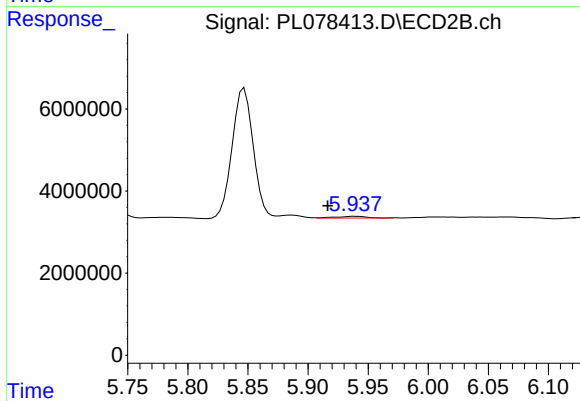
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 38948198  
Conc: 17.16 ng/ml



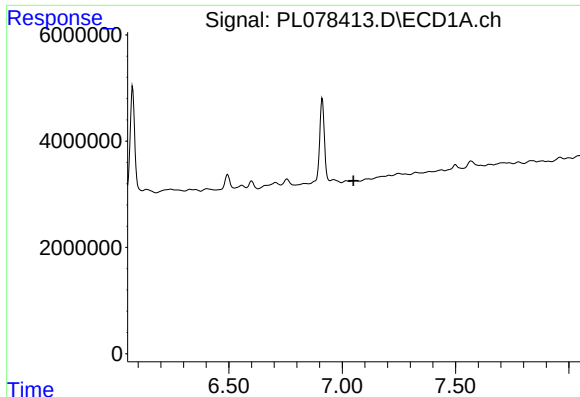
#18 Endrin aldehyde

R.T.: 6.831 min  
Delta R.T.: 0.014 min  
Response: 46409  
Conc: 0.04 ng/ml



#18 Endrin aldehyde

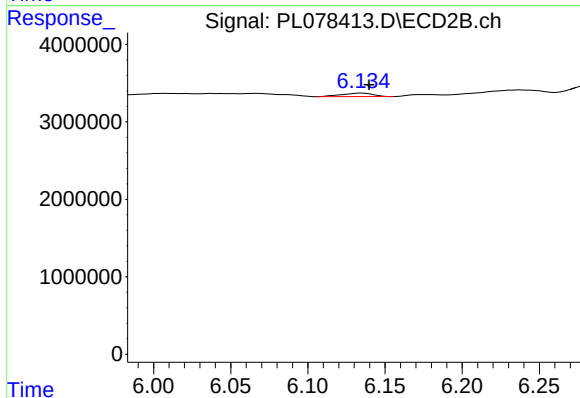
R.T.: 5.939 min  
Delta R.T.: 0.023 min  
Response: 727985  
Conc: 0.39 ng/ml



#19 Endosulfan Sulfate

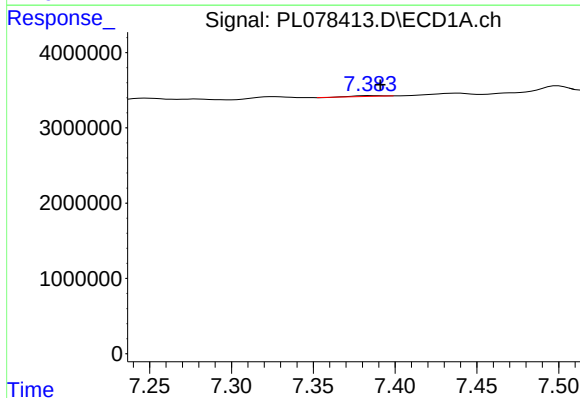
R.T.: 7.060 min  
Delta R.T.: 0.010 min  
Response: -10488  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



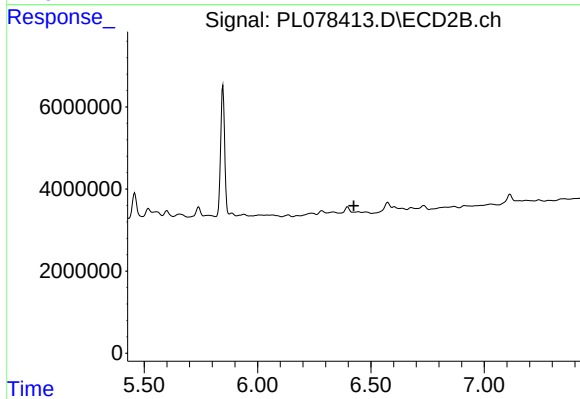
#19 Endosulfan Sulfate

R.T.: 6.135 min  
Delta R.T.: -0.004 min  
Response: 628701  
Conc: 0.26 ng/ml



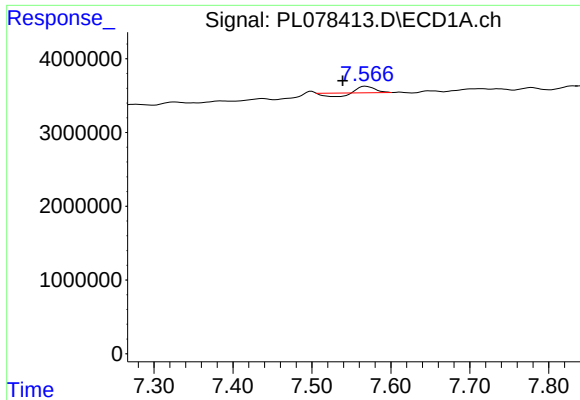
#20 Methoxychlor

R.T.: 7.385 min  
Delta R.T.: -0.006 min  
Response: 104333  
Conc: 0.14 ng/ml



#20 Methoxychlor

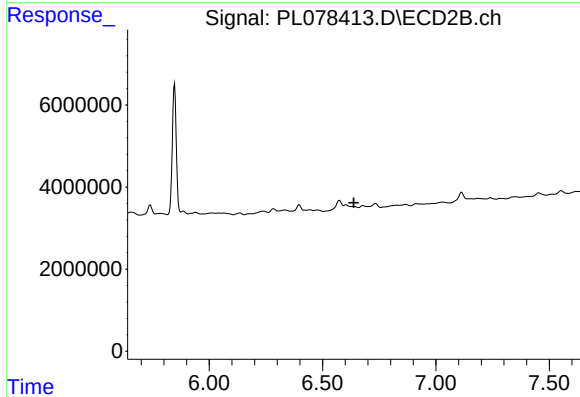
R.T.: 0.000 min  
Exp R.T. : 6.424 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

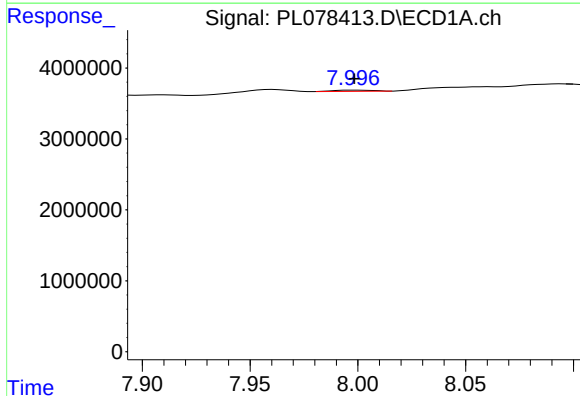
R.T.: 7.568 min  
Delta R.T.: 0.029 min  
Response: 549044  
Conc: 0.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



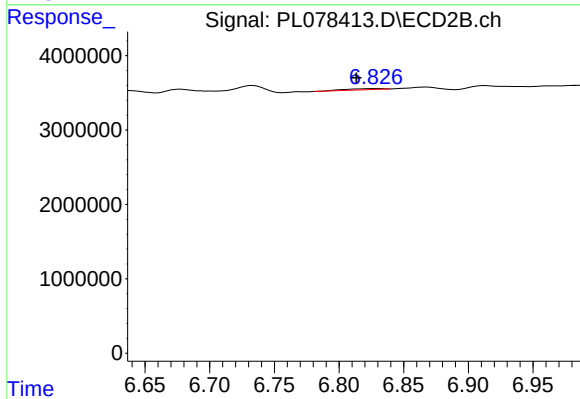
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.638 min  
Response: 0  
Conc: N.D.



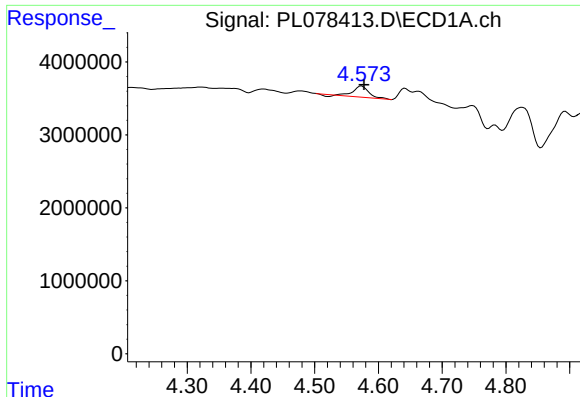
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 197411  
Conc: 0.17 ng/ml



#22 Mirex

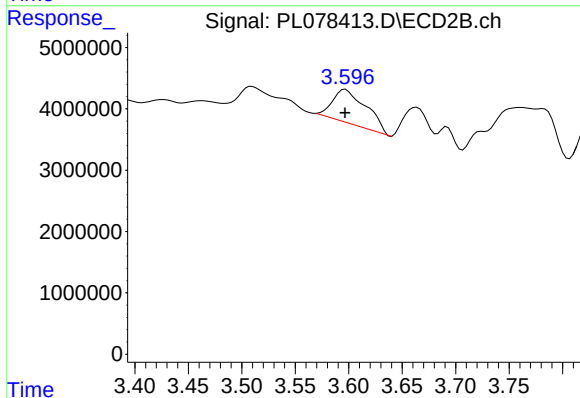
R.T.: 6.828 min  
Delta R.T.: 0.015 min  
Response: 301901  
Conc: 0.16 ng/ml



#23 Chlordane-1

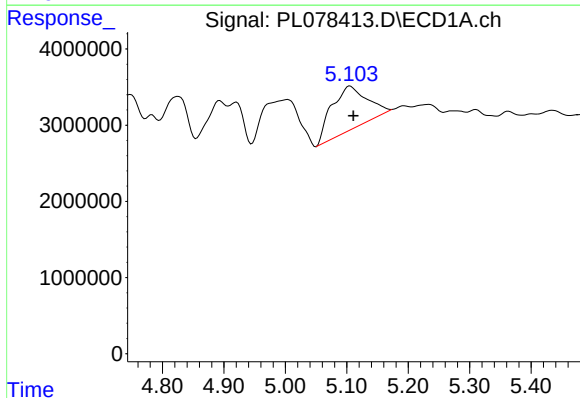
R.T.: 4.574 min  
Delta R.T.: -0.003 min  
Response: 2591315  
Conc: 40.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



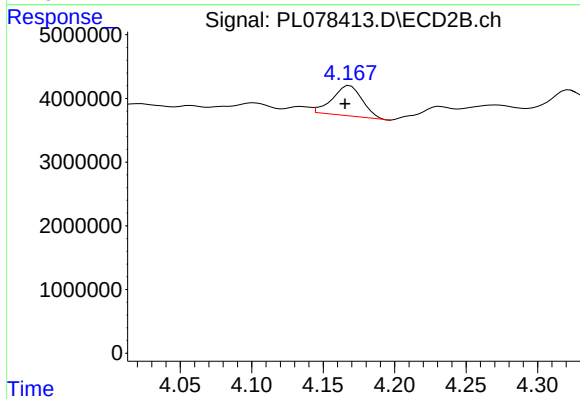
#23 Chlordane-1

R.T.: 3.597 min  
Delta R.T.: 0.000 min  
Response: 12120731  
Conc: 126.46 ng/ml



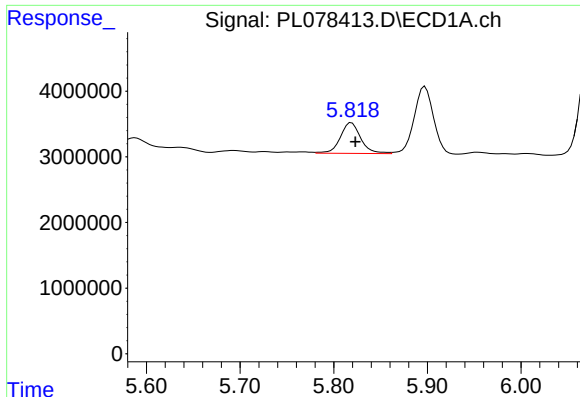
#24 Chlordane-2

R.T.: 5.105 min  
Delta R.T.: -0.006 min  
Response: 22866078  
Conc: 324.65 ng/ml



#24 Chlordane-2

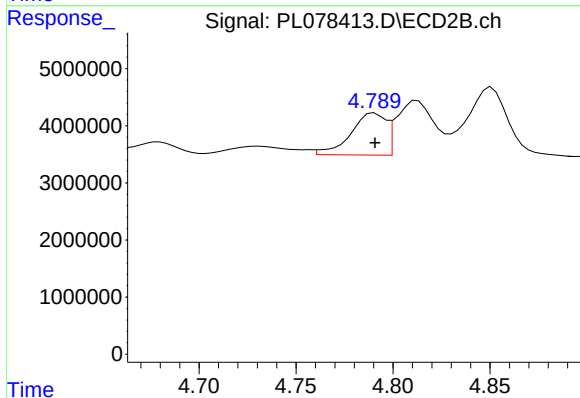
R.T.: 4.169 min  
Delta R.T.: 0.003 min  
Response: 6952830  
Conc: 68.98 ng/ml



#25 Chlordane-3

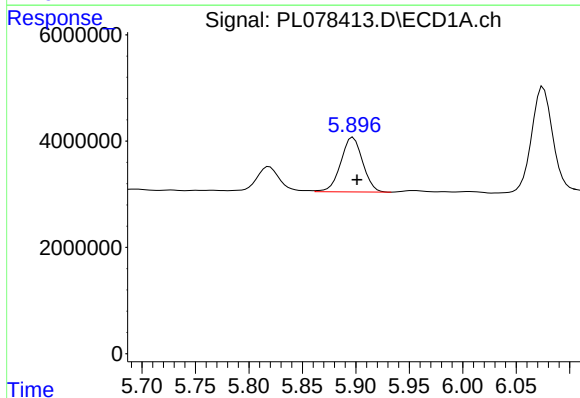
R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 7101494  
Conc: 27.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



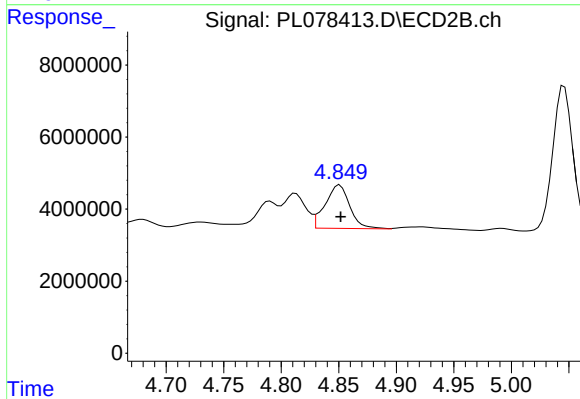
#25 Chlordane-3

R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 9324846  
Conc: 30.48 ng/ml



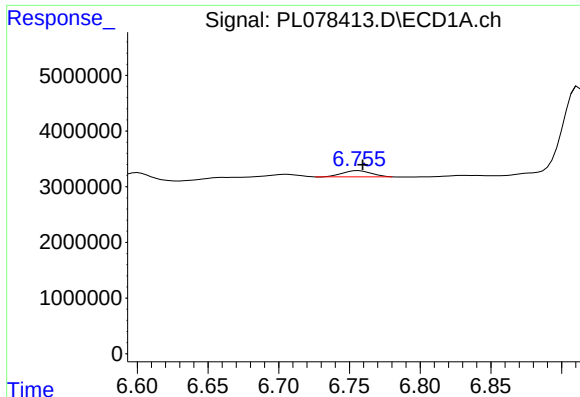
#26 Chlordane-4

R.T.: 5.897 min  
Delta R.T.: -0.004 min  
Response: 14663180  
Conc: 45.91 ng/ml



#26 Chlordane-4

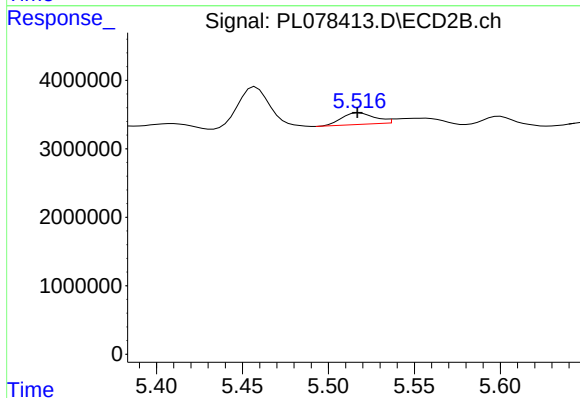
R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 17968537  
Conc: 55.64 ng/ml



#27 Chlordane-5

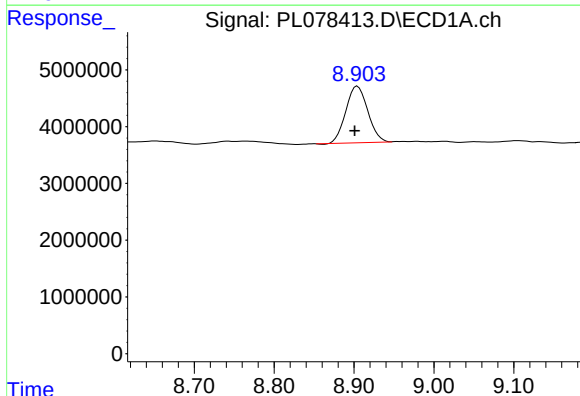
R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 1581566  
Conc: 31.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



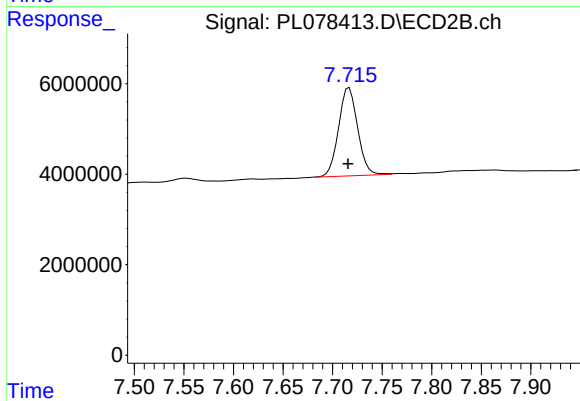
#27 Chlordane-5

R.T.: 5.518 min  
Delta R.T.: 0.001 min  
Response: 2264071  
Conc: 26.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.904 min  
Delta R.T.: 0.003 min  
Response: 19018554  
Conc: 12.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.717 min  
Delta R.T.: 0.001 min  
Response: 26106477  
Conc: 12.01 ng/ml