

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
 Data File : PL078417.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2022 16:24  
 Operator : AR\AJ  
 Sample : N5160-01MSD 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 04:52:51 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... | 3.412  | 2.621  | 2440426  | 9104942  | 1.477   | 3.445 #   |
| 28)                         | SA Decachlor... | 8.910  | 7.716  | 4787123  | 5448155  | 3.101   | 2.506     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.878  | 3.113  | 14136261 | 30623174 | 5.621   | 7.357 #   |
| 3)                          | MA gamma-BHC... | 4.214  | 3.436  | 14317903 | 23461831 | 6.140   | 6.733     |
| 4)                          | MA Heptachlor   | 4.789  | 3.767  | 13167668 | 25125232 | 5.924   | 7.035     |
| 5)                          | MB Aldrin       | 5.130  | 4.041  | 15202090 | 47608936 | 7.259   | 13.995 #  |
| 6)                          | B beta-BHC      | 4.428  | 3.737  | 13890942 | 9339538  | 13.966  | 6.335 #   |
| 7)                          | B delta-BHC     | 4.671  | 3.959  | 12672771 | 35874946 | 6.895   | 9.705 #   |
| 8)                          | B Heptachlo...  | 5.563  | 4.540  | 18743820 | 20376387 | 12.311  | 6.915 #   |
| 9)                          | A Endosulfan I  | 5.949  | 4.907  | 10976962 | 12945908 | 6.539   | 4.694 #   |
| 10)                         | B gamma-Chl...  | 5.819  | 4.789  | 29544092 | 44215593 | 16.581  | 14.771    |
| 11)                         | B alpha-Chl...  | 5.896  | 4.851  | 31533900 | 45461428 | 17.609  | 15.787    |
| 12)                         | B 4,4'-DDE      | 6.072  | 5.046  | 10275783 | 27592218 | 6.097   | 9.652 #   |
| 13)                         | MA Dieldrin     | 6.227  | 5.169  | 13213796 | 35196826 | 7.680   | 12.012 #  |
| 14)                         | MA Endrin       | 6.458  | 5.441  | 6950473  | 21254619 | 4.658   | 9.228 #   |
| 15)                         | B Endosulfa...  | 6.687  | 5.738  | 10137053 | 25060291 | 7.562   | 10.237 #  |
| 16)                         | A 4,4'-DDD      | 6.599  | 5.599  | 7293892  | 13201234 | 5.924   | 5.927     |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.847  | 13847722 | 23876444 | 9.459   | 10.519    |
| 18)                         | B Endrin al...  | 6.818  | 5.917  | 6727277  | 12565793 | 5.878   | 6.791     |
| 19)                         | B Endosulfa...  | 7.052  | 6.140  | 7508774  | 15162920 | 5.264   | 6.299     |
| 20)                         | A Methoxychlor  | 7.394  | 6.425  | 3674997  | 12488235 | 4.850   | 9.888 #   |
| 21)                         | B Endrin ke...  | 7.541  | 6.639  | 8435571  | 17401062 | 5.407   | 6.568     |
| 22)                         | Mirex           | 7.999  | 6.814  | 3730131  | 11410612 | 3.158   | 5.931 #   |
| 23)                         | Chlordane-1     | 4.574  | 3.596  | 2594669  | 10374958 | 41.016  | 108.248 # |
| 24)                         | Chlordane-2     | 5.130f | 4.146f | 15202090 | 34419443 | 215.836 | 341.493 # |
| 25)                         | Chlordane-3     | 5.819  | 4.789  | 29544092 | 44215593 | 113.640 | 144.515 # |
| 26)                         | Chlordane-4     | 5.896  | 4.851  | 31533900 | 45461428 | 98.737  | 140.784 # |
| 27)                         | Chlordane-5     | 6.756  | 5.516  | 2777340  | 1567941  | 54.694  | 18.375 #  |
| -----                       |                 |        |        |          |          |         |           |

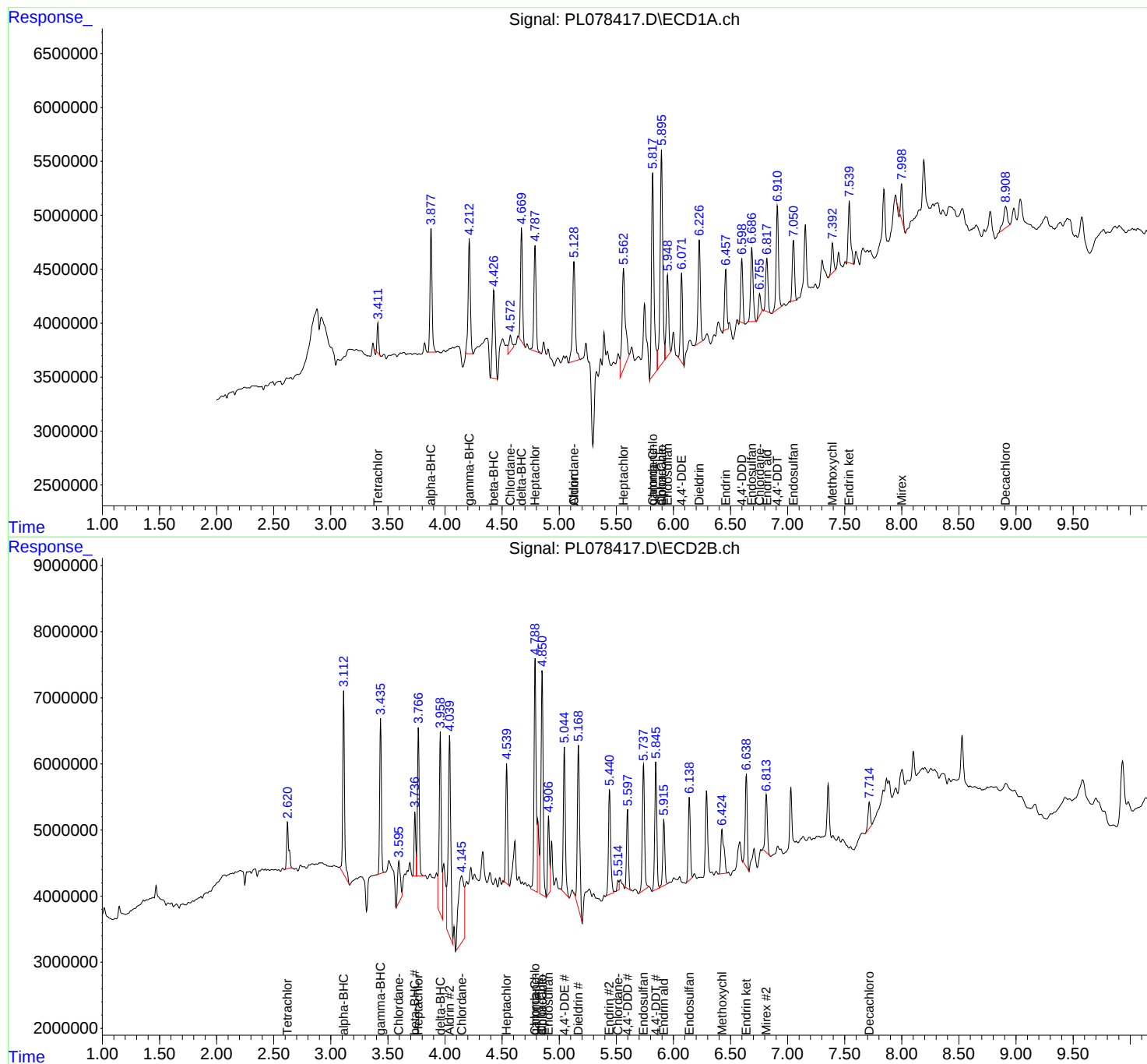
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

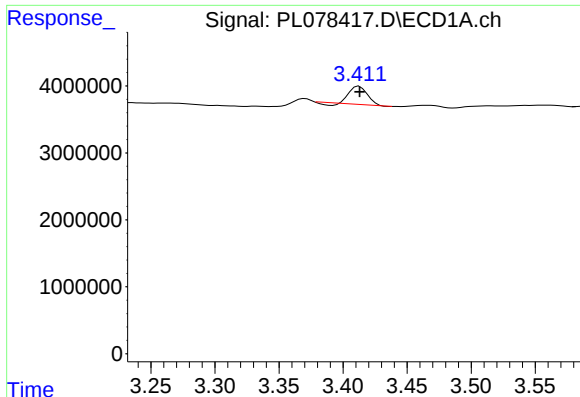
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
Data File : PL078417.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2022 16:24  
Operator : AR\AJ  
Sample : N5160-01MSD 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 04:52:51 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

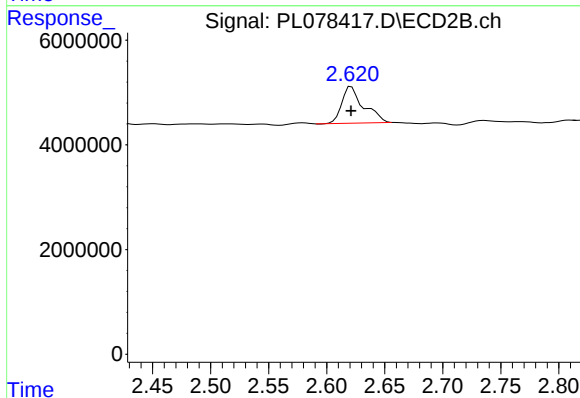




#1 Tetrachloro-m-xylene

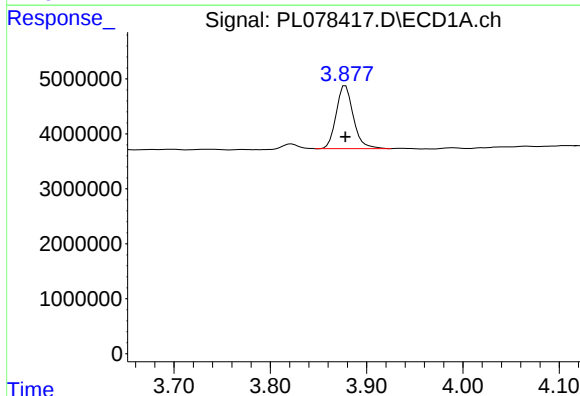
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 2440426  
Conc: 1.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



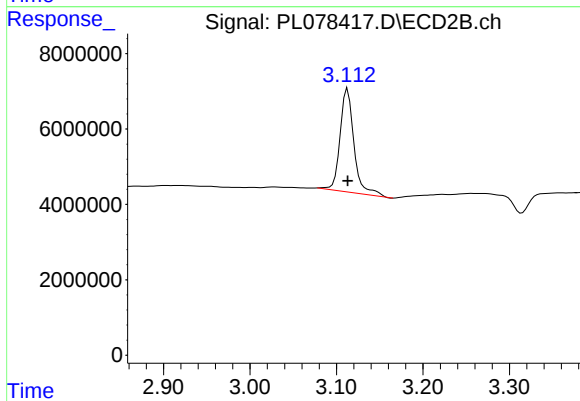
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: 0.000 min  
Response: 9104942  
Conc: 3.44 ng/ml



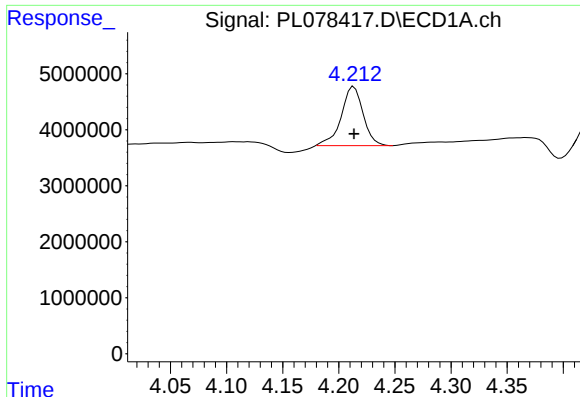
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 14136261  
Conc: 5.62 ng/ml



#2 alpha-BHC

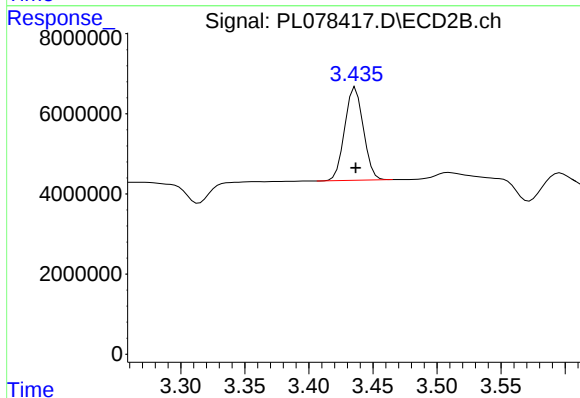
R.T.: 3.113 min  
Delta R.T.: 0.000 min  
Response: 30623174  
Conc: 7.36 ng/ml



#3 gamma-BHC (Lindane)

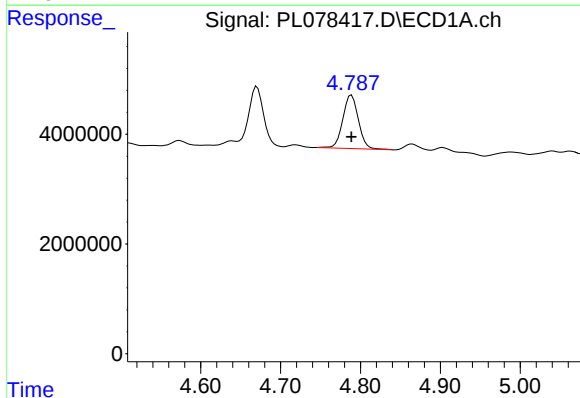
R.T.: 4.214 min  
Delta R.T.: 0.000 min  
Response: 14317903  
Conc: 6.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



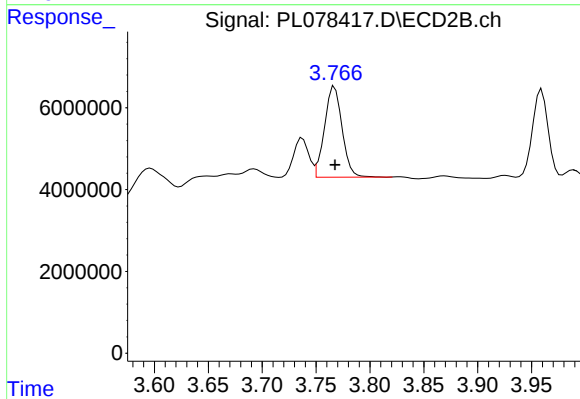
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 23461831  
Conc: 6.73 ng/ml



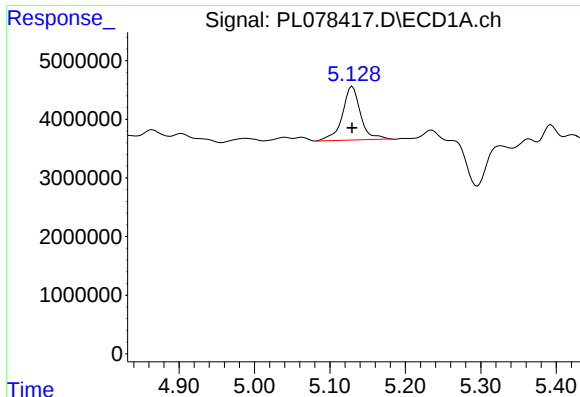
#4 Heptachlor

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 13167668  
Conc: 5.92 ng/ml



#4 Heptachlor

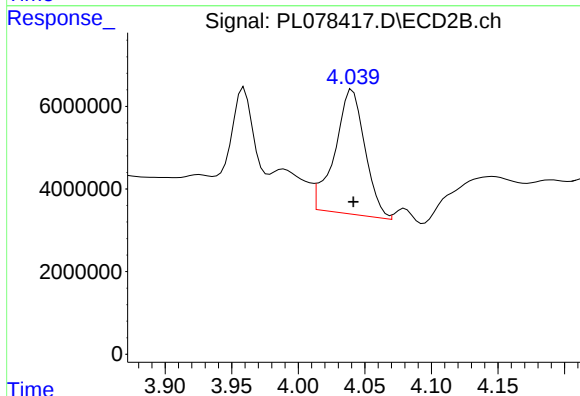
R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 25125232  
Conc: 7.04 ng/ml



#5 Aldrin

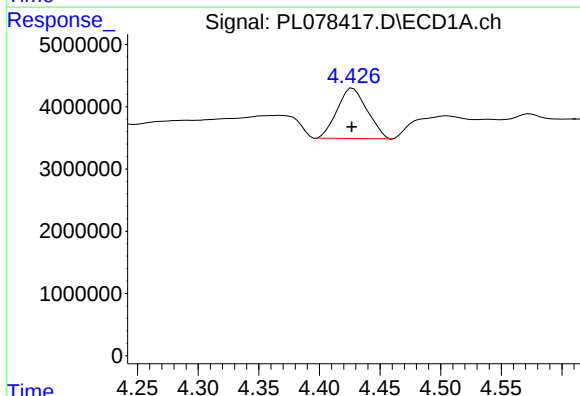
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 15202090  
Conc: 7.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



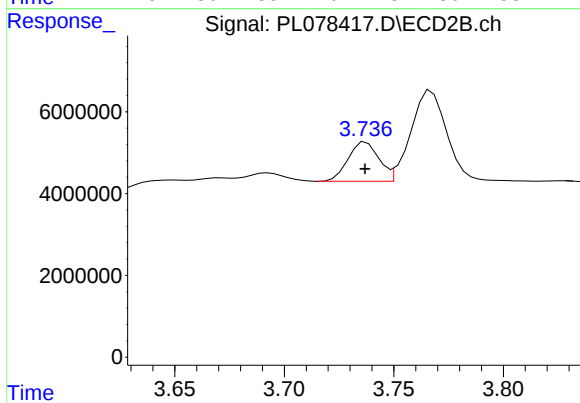
#5 Aldrin

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 47608936  
Conc: 13.99 ng/ml



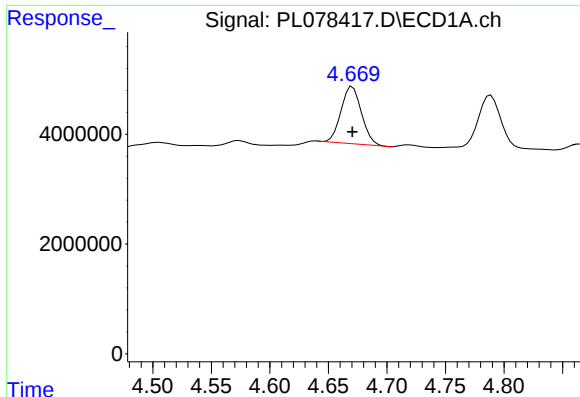
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 13890942  
Conc: 13.97 ng/ml



#6 beta-BHC

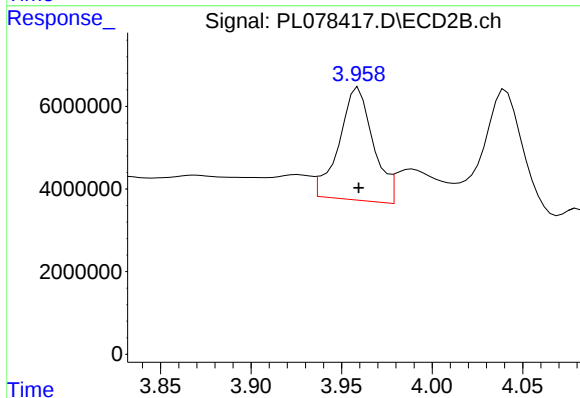
R.T.: 3.737 min  
Delta R.T.: 0.000 min  
Response: 9339538  
Conc: 6.34 ng/ml



#7 delta-BHC

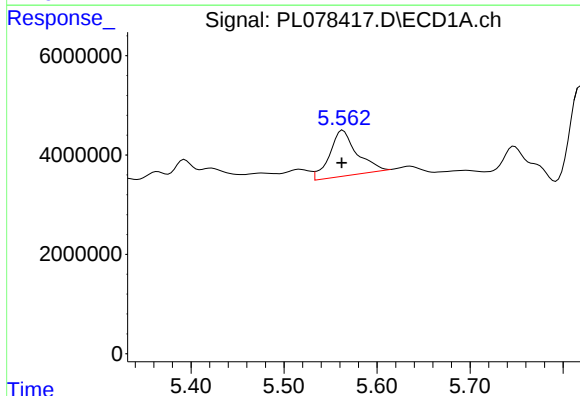
R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 12672771  
Conc: 6.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



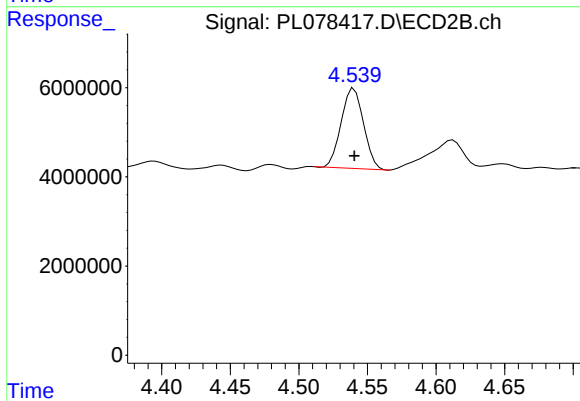
#7 delta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 35874946  
Conc: 9.70 ng/ml



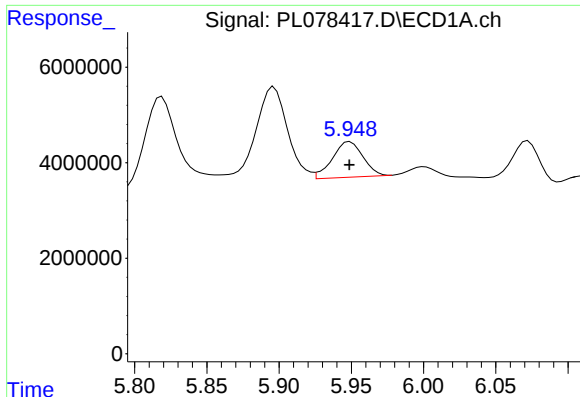
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: 0.001 min  
Response: 18743820  
Conc: 12.31 ng/ml



#8 Heptachlor epoxide

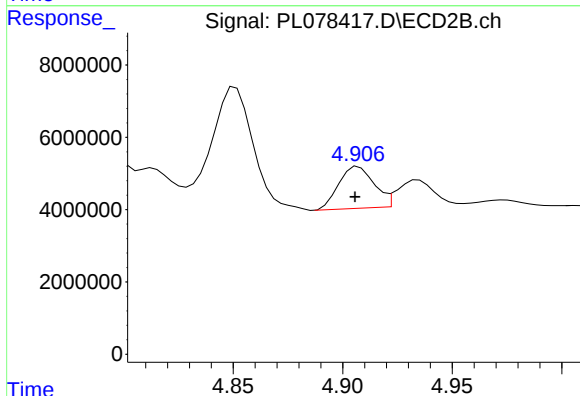
R.T.: 4.540 min  
Delta R.T.: 0.000 min  
Response: 20376387  
Conc: 6.92 ng/ml



#9 Endosulfan I

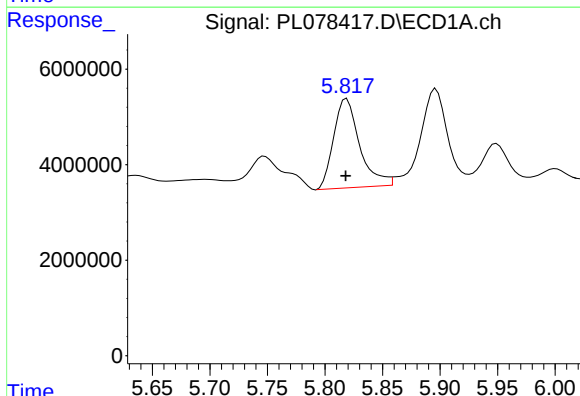
R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 10976962  
Conc: 6.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



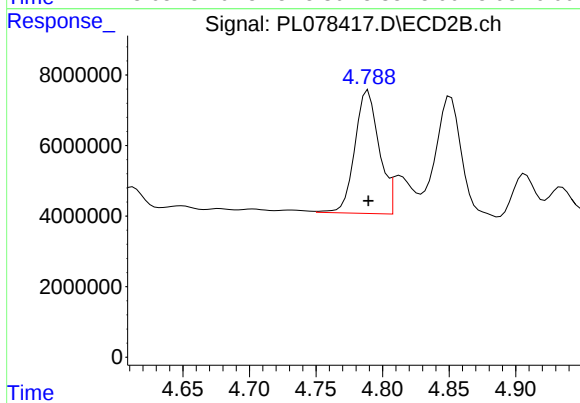
#9 Endosulfan I

R.T.: 4.907 min  
Delta R.T.: 0.002 min  
Response: 12945908  
Conc: 4.69 ng/ml



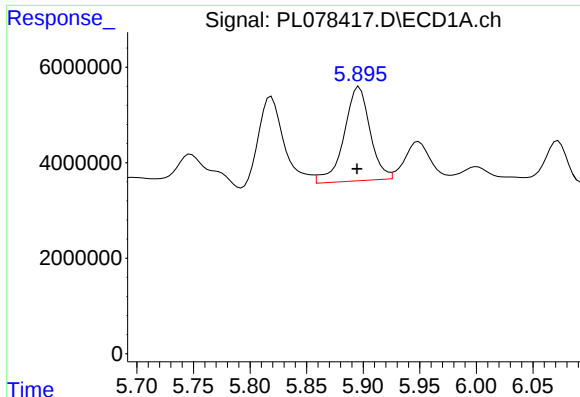
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 29544092  
Conc: 16.58 ng/ml



#10 gamma-Chlordane

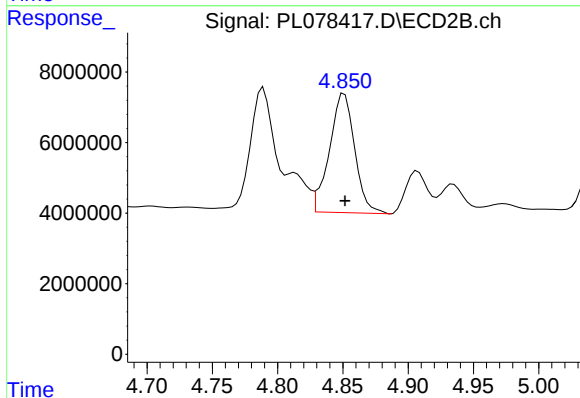
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 44215593  
Conc: 14.77 ng/ml



#11 alpha-Chlordane

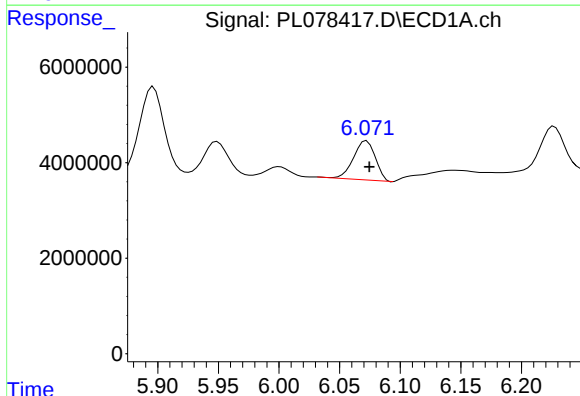
R.T.: 5.896 min  
Delta R.T.: 0.002 min  
Response: 31533900  
Conc: 17.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



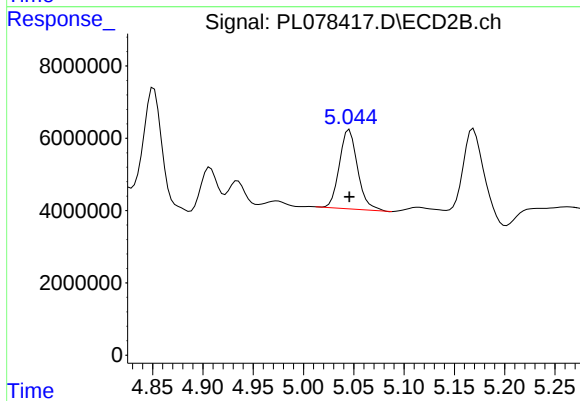
#11 alpha-Chlordane

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 45461428  
Conc: 15.79 ng/ml



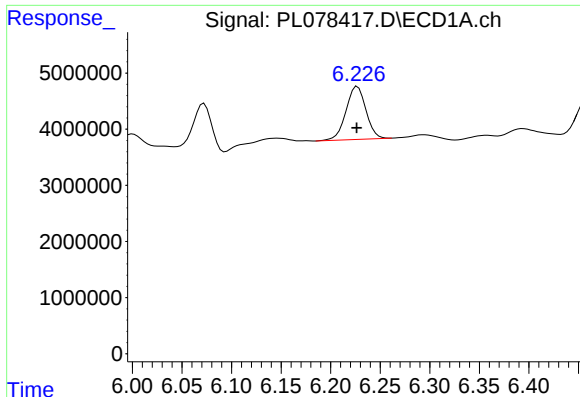
#12 4,4'-DDE

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 10275783  
Conc: 6.10 ng/ml



#12 4,4'-DDE

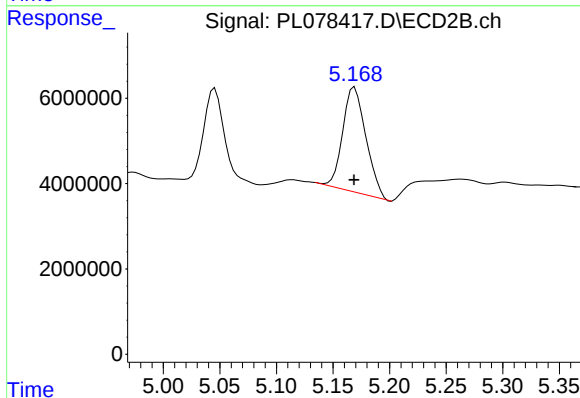
R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 27592218  
Conc: 9.65 ng/ml



#13 Dieldrin

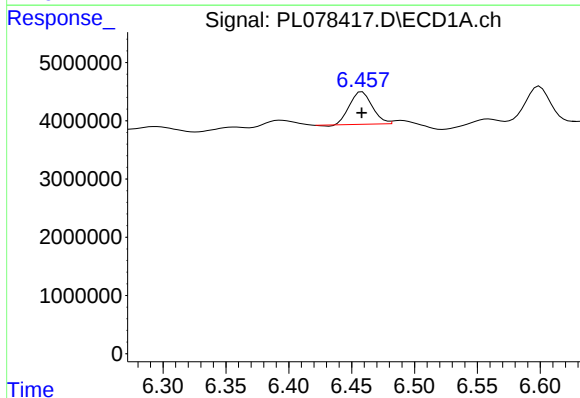
R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 13213796  
Conc: 7.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



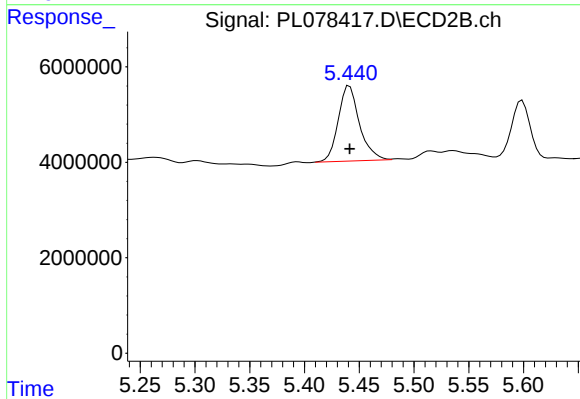
#13 Dieldrin

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 35196826  
Conc: 12.01 ng/ml



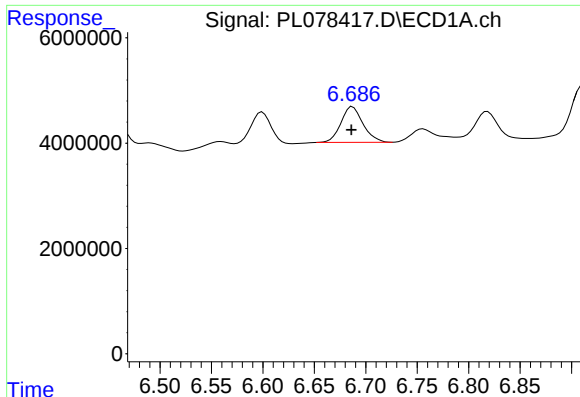
#14 Endrin

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 6950473  
Conc: 4.66 ng/ml



#14 Endrin

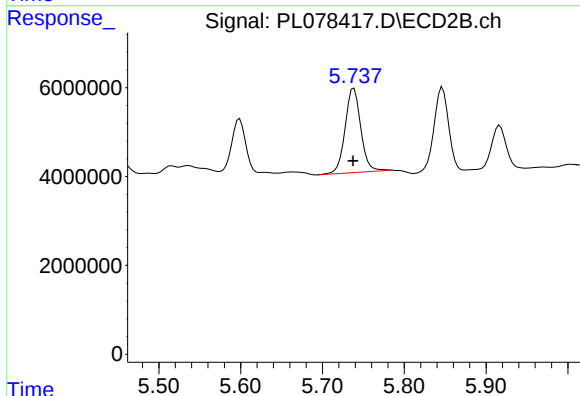
R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 21254619  
Conc: 9.23 ng/ml



#15 Endosulfan II

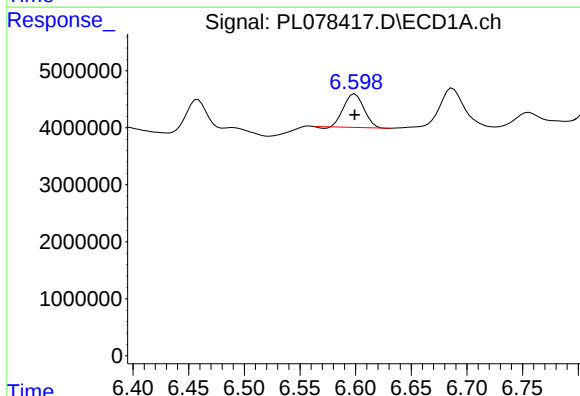
R.T.: 6.687 min  
Delta R.T.: 0.001 min  
Response: 10137053  
Conc: 7.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



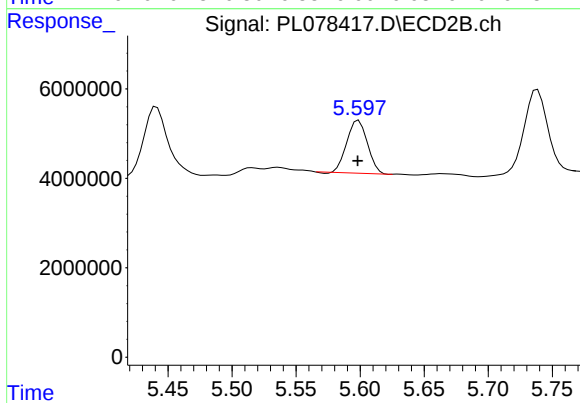
#15 Endosulfan II

R.T.: 5.738 min  
Delta R.T.: 0.001 min  
Response: 25060291  
Conc: 10.24 ng/ml



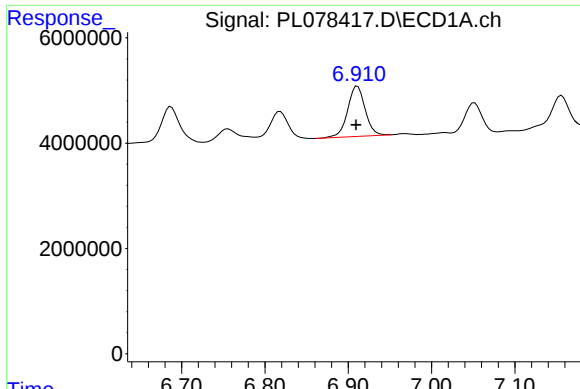
#16 4,4'-DDD

R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 7293892  
Conc: 5.92 ng/ml



#16 4,4'-DDD

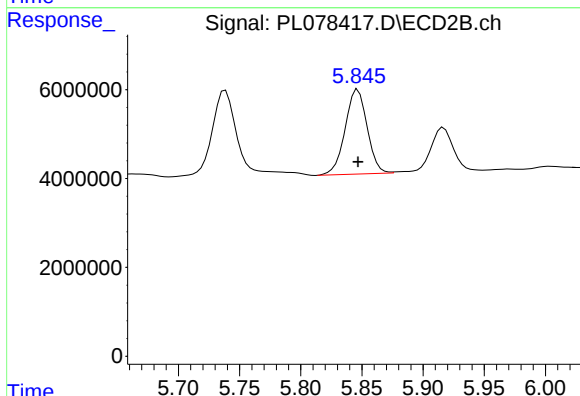
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 13201234  
Conc: 5.93 ng/ml



#17 4,4'-DDT

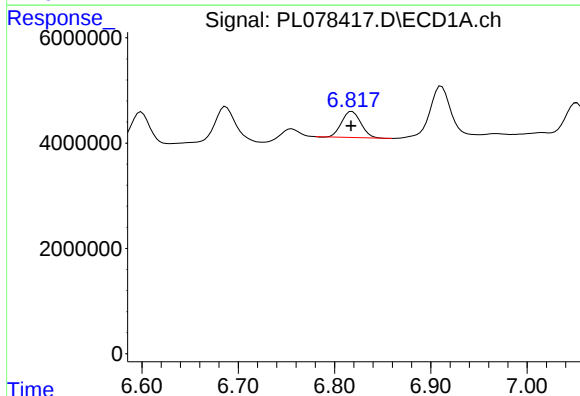
R.T.: 6.911 min  
Delta R.T.: 0.002 min  
Response: 13847722  
Conc: 9.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



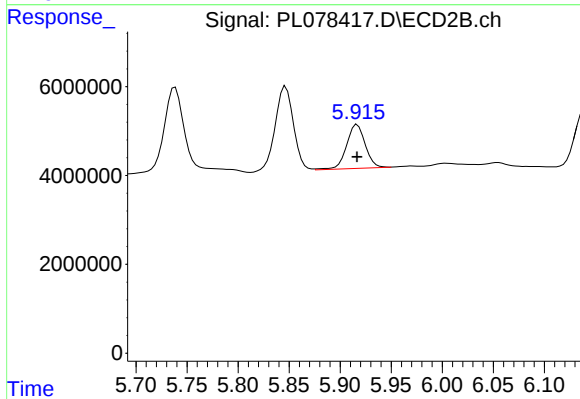
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 23876444  
Conc: 10.52 ng/ml



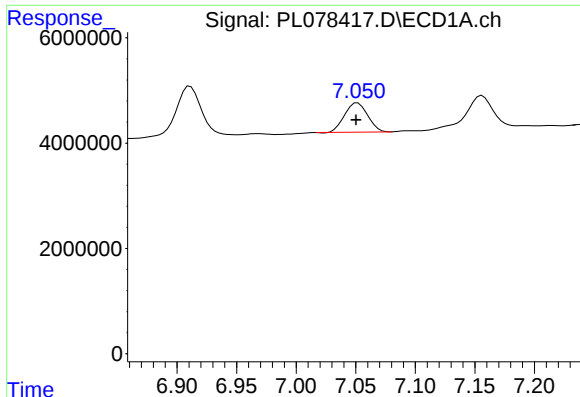
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: 0.001 min  
Response: 6727277  
Conc: 5.88 ng/ml



#18 Endrin aldehyde

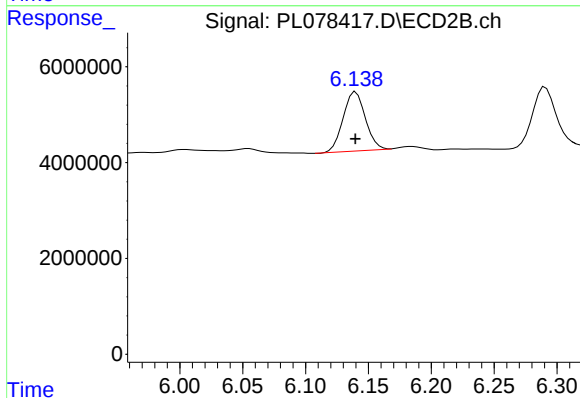
R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 12565793  
Conc: 6.79 ng/ml



#19 Endosulfan Sulfate

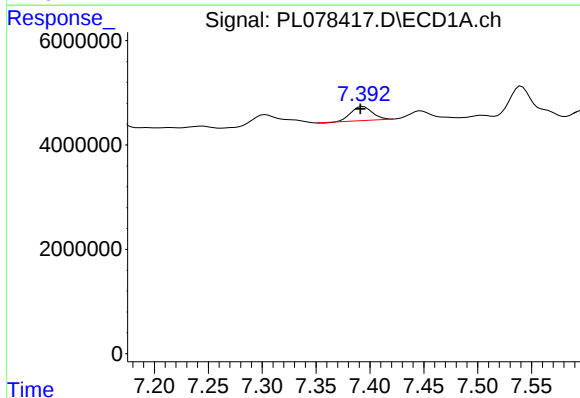
R.T.: 7.052 min  
Delta R.T.: 0.001 min  
Response: 7508774  
Conc: 5.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



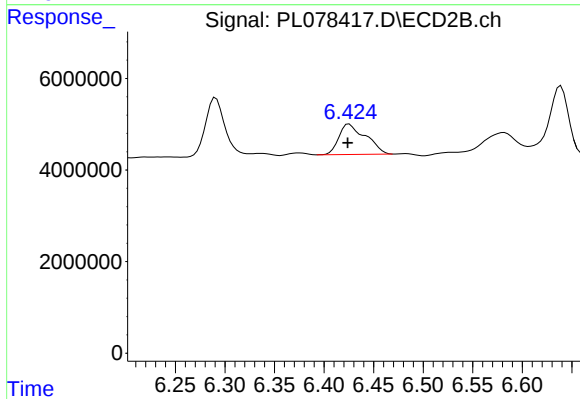
#19 Endosulfan Sulfate

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 15162920  
Conc: 6.30 ng/ml



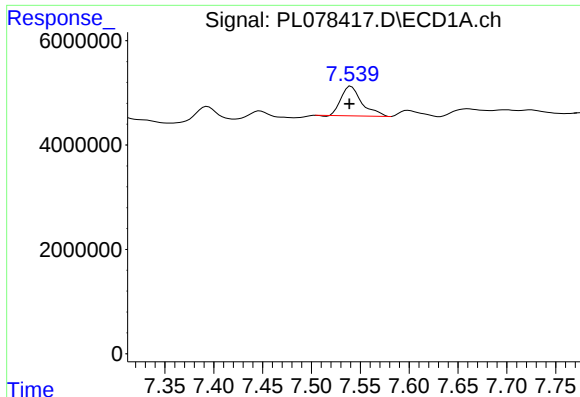
#20 Methoxychlor

R.T.: 7.394 min  
Delta R.T.: 0.003 min  
Response: 3674997  
Conc: 4.85 ng/ml



#20 Methoxychlor

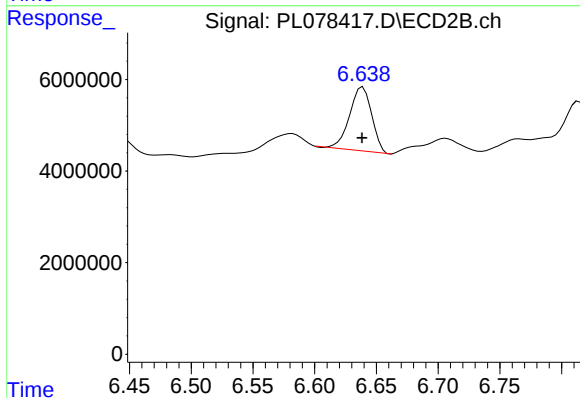
R.T.: 6.425 min  
Delta R.T.: 0.002 min  
Response: 12488235  
Conc: 9.89 ng/ml



#21 Endrin ketone

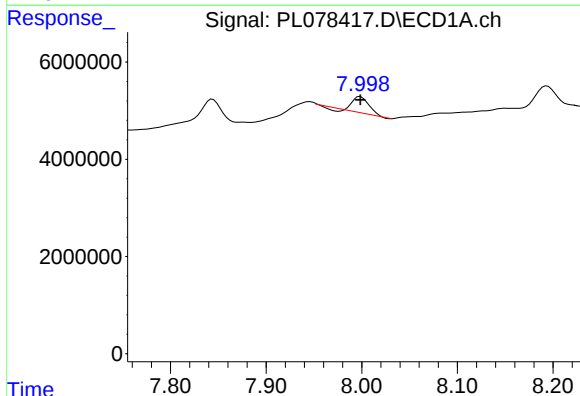
R.T.: 7.541 min  
Delta R.T.: 0.002 min  
Response: 8435571  
Conc: 5.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



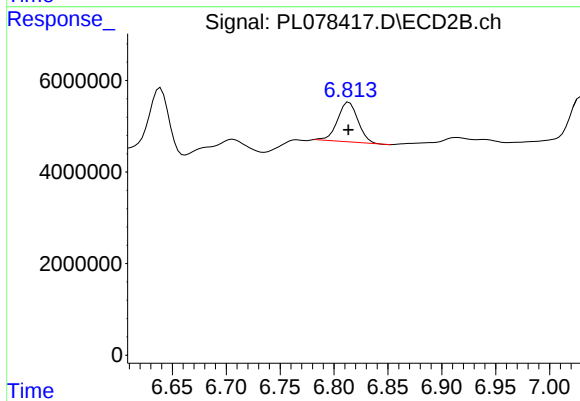
#21 Endrin ketone

R.T.: 6.639 min  
Delta R.T.: 0.000 min  
Response: 17401062  
Conc: 6.57 ng/ml



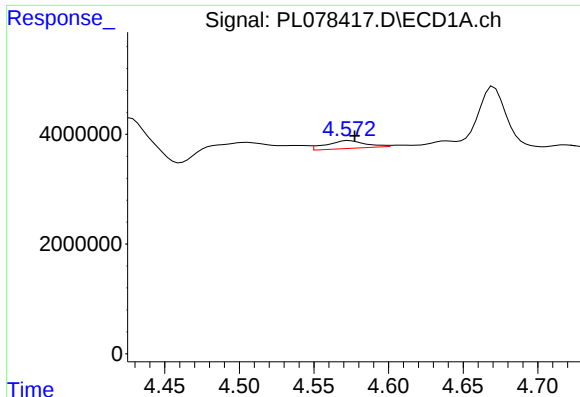
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 3730131  
Conc: 3.16 ng/ml



#22 Mirex

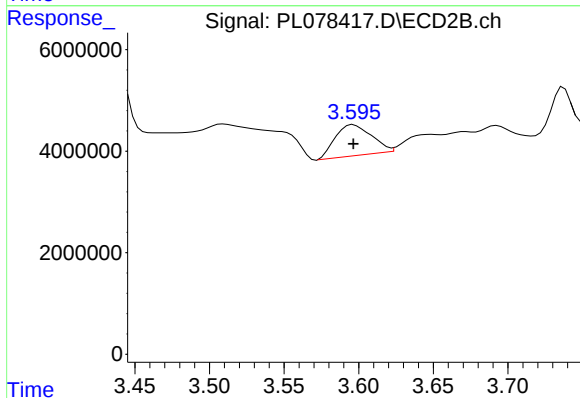
R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 11410612  
Conc: 5.93 ng/ml



#23 Chlordane-1

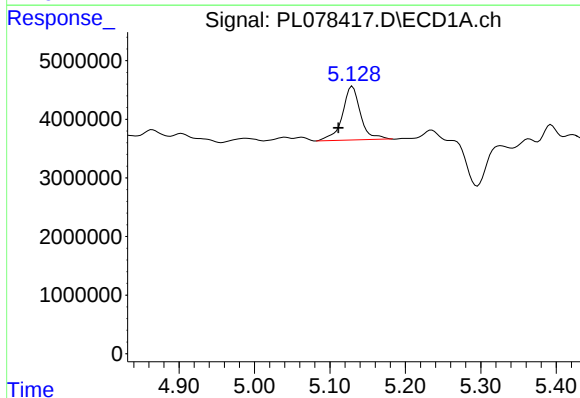
R.T.: 4.574 min  
Delta R.T.: -0.004 min  
Response: 2594669  
Conc: 41.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



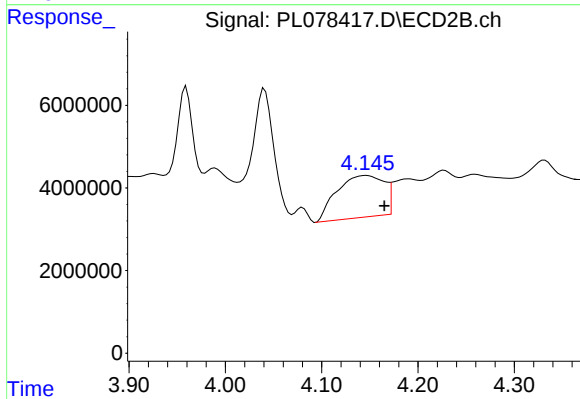
#23 Chlordane-1

R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 10374958  
Conc: 108.25 ng/ml



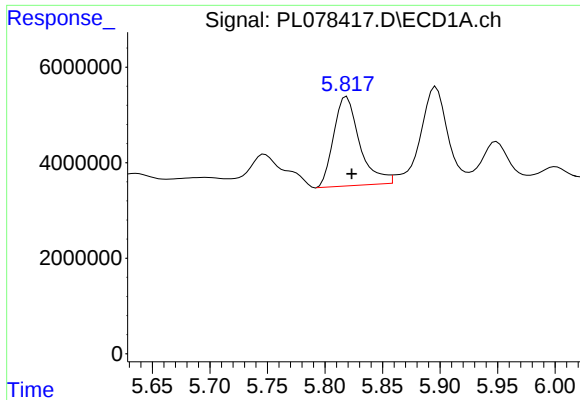
#24 Chlordane-2

R.T.: 5.130 min  
Delta R.T.: 0.019 min  
Response: 15202090  
Conc: 215.84 ng/ml



#24 Chlordane-2

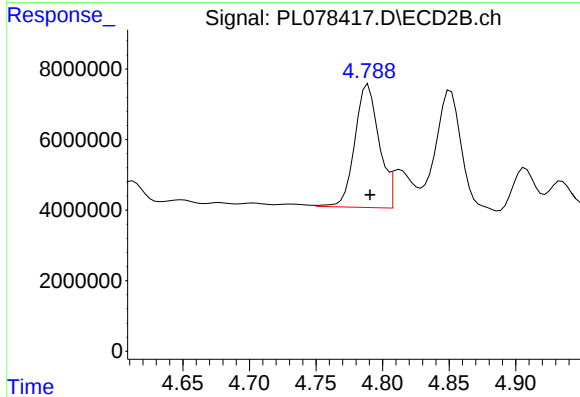
R.T.: 4.146 min  
Delta R.T.: -0.019 min  
Response: 34419443  
Conc: 341.49 ng/ml



#25 Chlordane-3

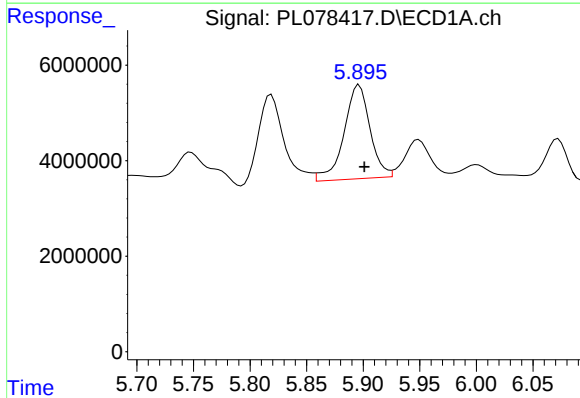
R.T.: 5.819 min  
Delta R.T.: -0.004 min  
Response: 29544092  
Conc: 113.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



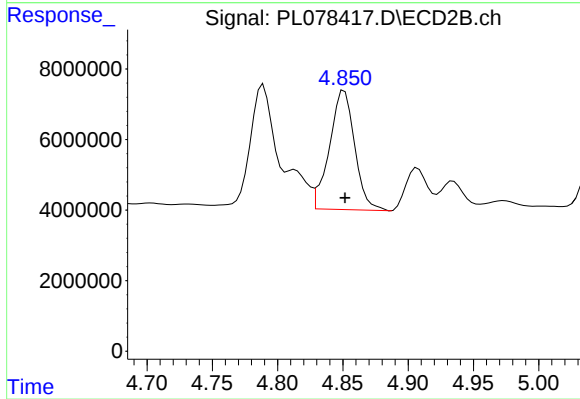
#25 Chlordane-3

R.T.: 4.789 min  
Delta R.T.: -0.002 min  
Response: 44215593  
Conc: 144.51 ng/ml



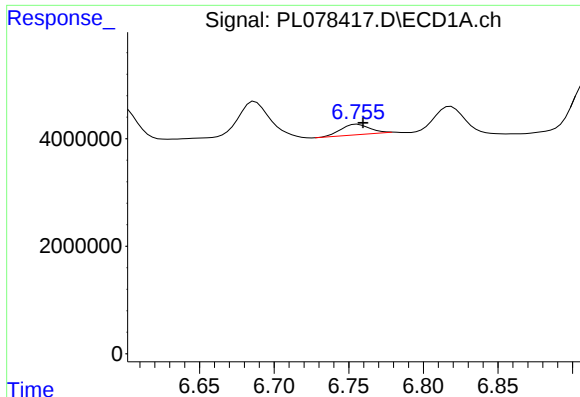
#26 Chlordane-4

R.T.: 5.896 min  
Delta R.T.: -0.005 min  
Response: 31533900  
Conc: 98.74 ng/ml



#26 Chlordane-4

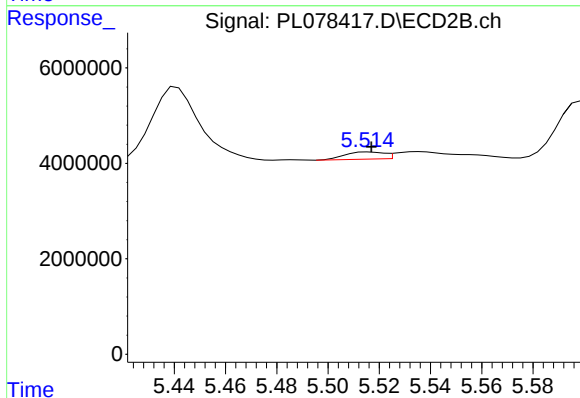
R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 45461428  
Conc: 140.78 ng/ml



#27 Chlordane-5

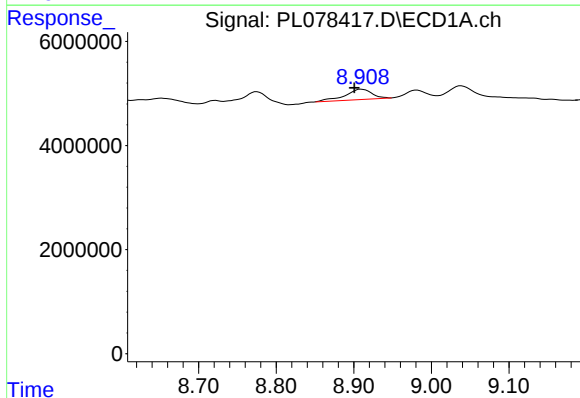
R.T.: 6.756 min  
Delta R.T.: -0.004 min  
Response: 2777340  
Conc: 54.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



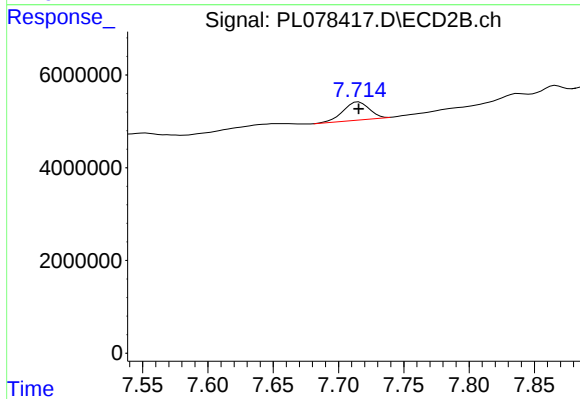
#27 Chlordane-5

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 1567941  
Conc: 18.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: 0.009 min  
Response: 4787123  
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.716 min  
Delta R.T.: 0.000 min  
Response: 5448155  
Conc: 2.51 ng/ml