

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073022\  
 Data File : PL076780.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2022 18:07  
 Operator : AR\AJ  
 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: Jul 30 01:56:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 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... | 3.422  | 2.641 | 56547415 | 148.7E6  | 54.792   | 50.134    |
| 28)                         | SA Decachlor... | 8.911  | 7.749 | 45369914 | 122.1E6  | 51.443   | 47.582    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.886  | 3.135 | 80129934 | 214.1E6  | 55.563   | 51.289    |
| 3)                          | MA gamma-BHC... | 4.221  | 3.460 | 74655869 | 193.9E6  | 55.292   | 50.868    |
| 4)                          | MA Heptachlor   | 4.798  | 3.794 | 71140554 | 186.1E6  | 53.010   | 49.299    |
| 5)                          | MB Aldrin       | 5.139  | 4.069 | 66025810 | 176.0E6  | 54.970   | 50.020    |
| 6)                          | B beta-BHC      | 4.433  | 3.758 | 32321478 | 83310484 | 54.164   | 49.132    |
| 7)                          | B delta-BHC     | 4.677  | 3.982 | 57998044 | 195.4E6  | 52.324   | 51.247    |
| 8)                          | B Heptachlo...  | 5.571  | 4.568 | 61689967 | 158.0E6  | 55.324   | 49.826    |
| 9)                          | A Endosulfan I  | 5.957  | 4.934 | 56473414 | 144.1E6  | 54.665   | 49.808    |
| 10)                         | B gamma-Chl...  | 5.826  | 4.818 | 60814533 | 159.7E6  | 54.849   | 49.898    |
| 11)                         | B alpha-Chl...  | 5.904  | 4.881 | 60478666 | 155.7E6  | 54.666   | 49.874    |
| 12)                         | B 4,4'-DDE      | 6.082  | 5.075 | 54663397 | 150.0E6  | 55.692   | 50.482    |
| 13)                         | MA Dieldrin     | 6.235  | 5.198 | 57595168 | 151.5E6  | 54.724   | 48.822    |
| 14)                         | MA Endrin       | 6.466  | 5.470 | 45414768 | 115.7E6  | 47.278   | 46.105    |
| 15)                         | B Endosulfa...  | 6.694  | 5.766 | 48382146 | 120.9E6  | 53.906   | 50.429    |
| 16)                         | A 4,4'-DDD      | 6.607  | 5.627 | 48307379 | 127.0E6  | 57.947   | 53.628    |
| 17)                         | MA 4,4'-DDT     | 6.918  | 5.876 | 43390277 | 108.0E6  | 47.748   | 44.934    |
| 18)                         | B Endrin al...  | 6.825  | 5.945 | 39387282 | 94174331 | 54.026   | 49.985    |
| 19)                         | B Endosulfa...  | 7.057  | 6.168 | 48525674 | 121.6E6  | 53.960   | 49.450    |
| 20)                         | A Methoxychlor  | 7.398  | 6.454 | 23690286 | 56629099 | 46.817   | 43.298    |
| 21)                         | B Endrin ke...  | 7.546  | 6.668 | 54895775 | 138.3E6  | 53.682   | 50.942    |
| 22)                         | Mirex           | 8.006  | 6.846 | 39682922 | 96319866 | 51.303   | 48.029    |
| 23)                         | Chlordane-1     | 0.000  | 3.636 | 0        | 99315    | N.D.     | 1.099 #   |
| 24)                         | Chlordane-2     | 5.139f | 4.182 | 66025810 | 2816     | 1803.073 | 0.027 #   |
| 25)                         | Chlordane-3     | 5.826  | 4.818 | 60814533 | 159.7E6  | 438.938  | 564.112 # |
| 26)                         | Chlordane-4     | 5.904  | 4.881 | 60478666 | 155.7E6  | 352.662  | 524.318 # |
| 27)                         | Chlordane-5     | 0.000  | 5.545 | 0        | 226936   | N.D.     | 2.834 #   |
| -----                       |                 |        |       |          |          |          |           |

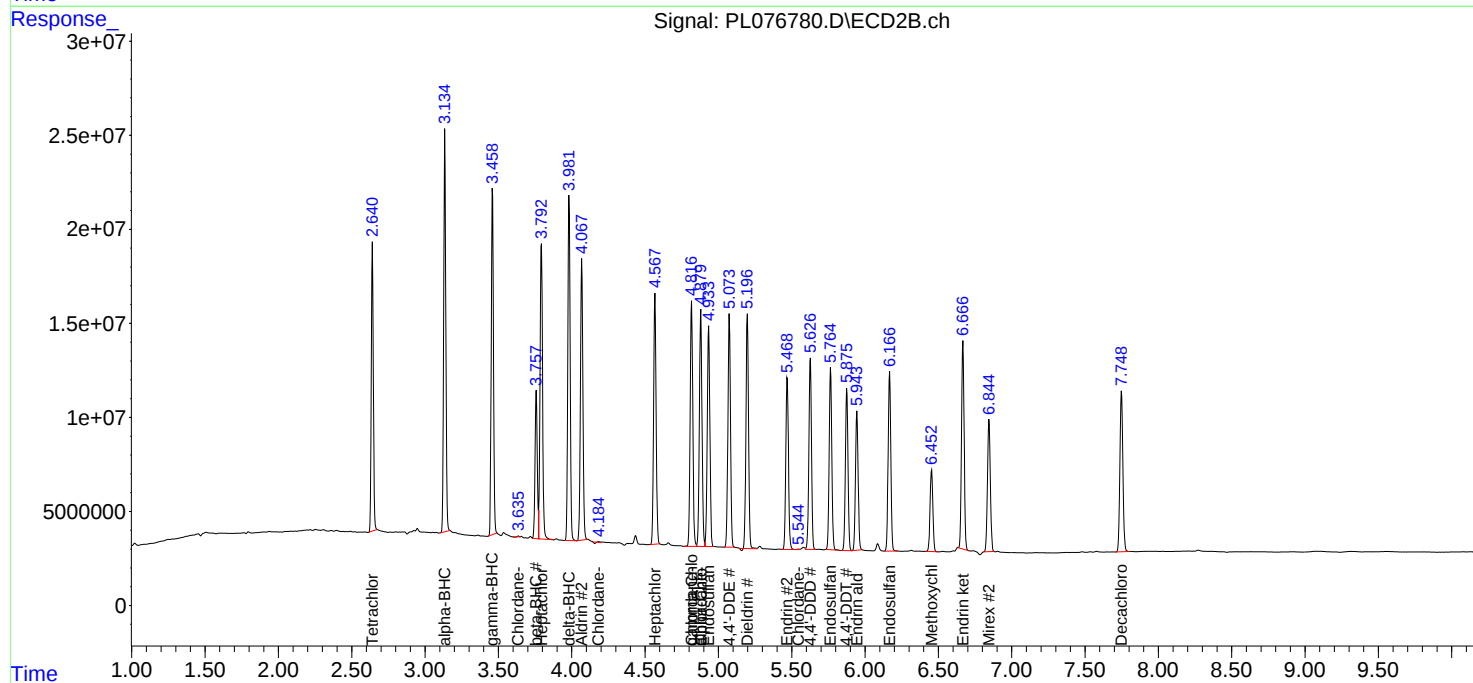
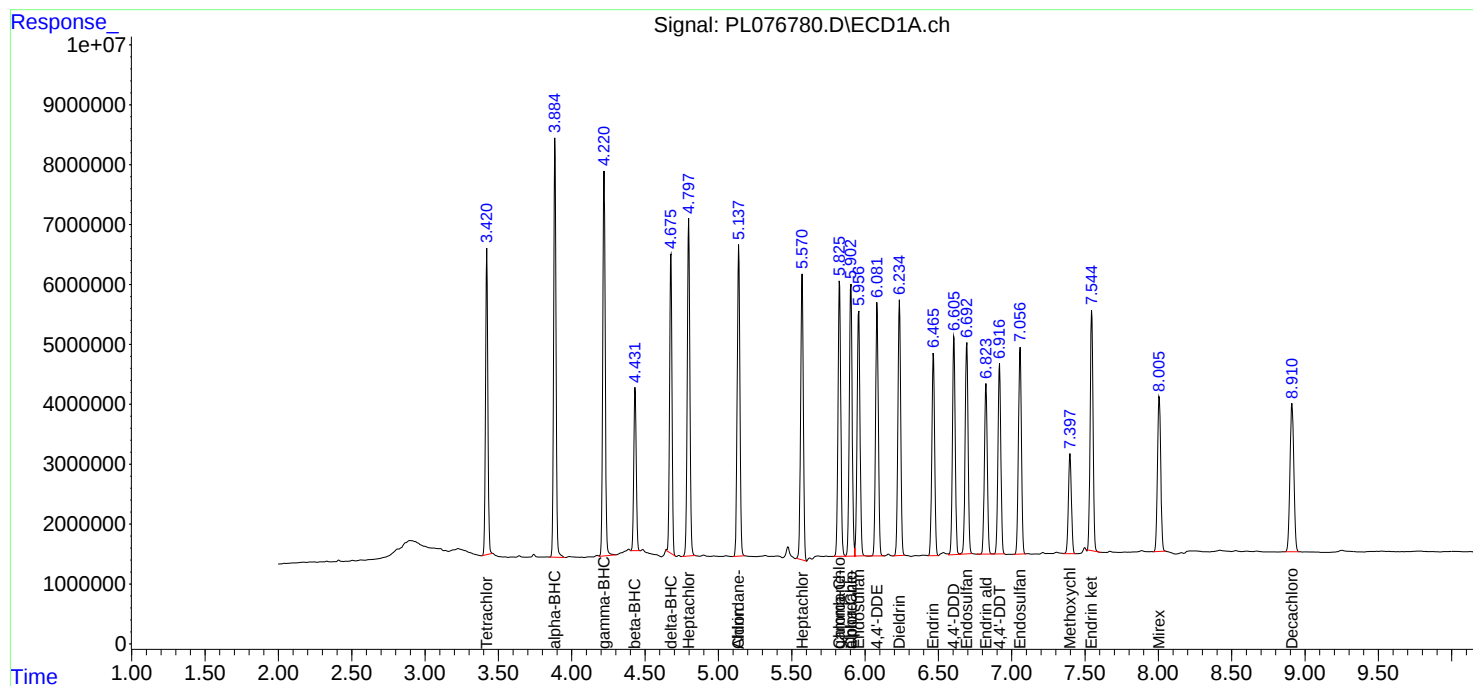
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

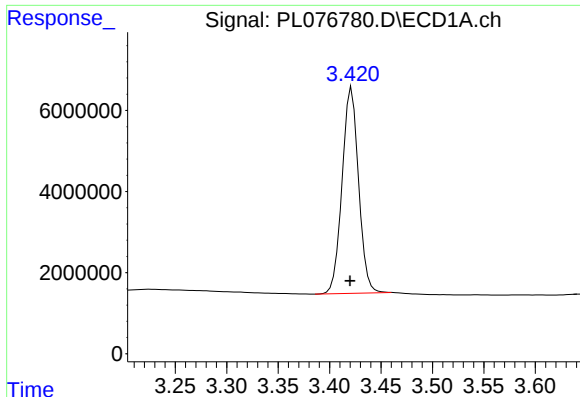
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073022\  
Data File : PL076780.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2022 18:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 01:56:55 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 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

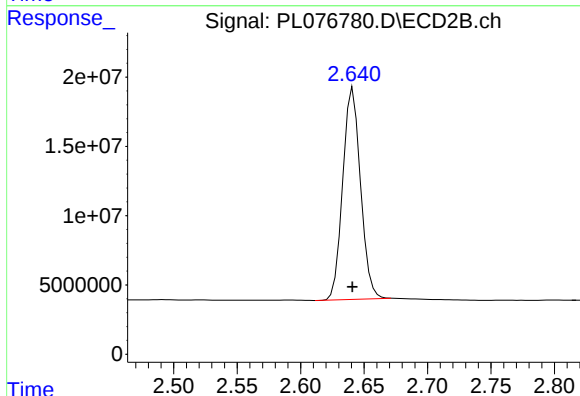




#1 Tetrachloro-m-xylene

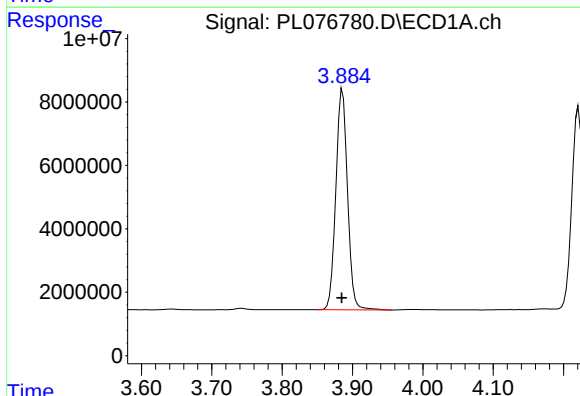
R.T.: 3.422 min  
Delta R.T.: 0.002 min  
Response: 56547415  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



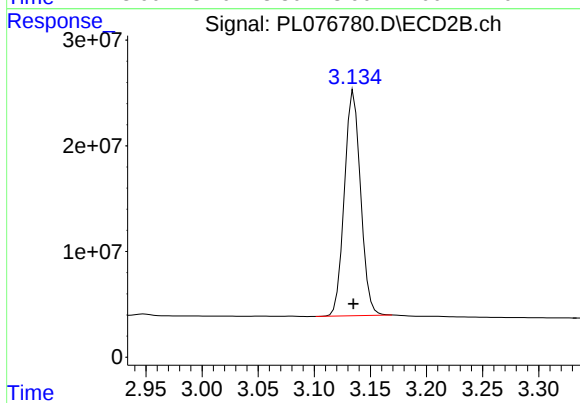
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: 0.000 min  
Response: 148709729  
Conc: 50.13 ng/ml



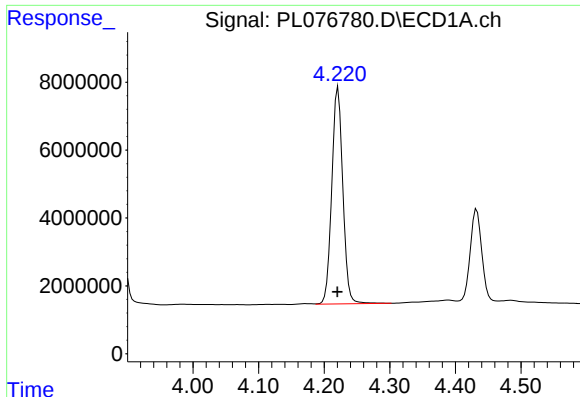
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: 0.001 min  
Response: 80129934  
Conc: 55.56 ng/ml



#2 alpha-BHC

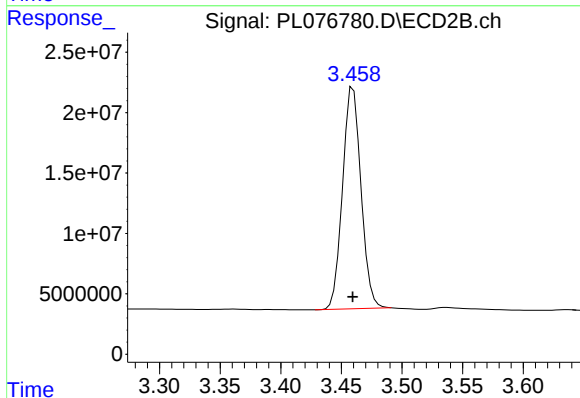
R.T.: 3.135 min  
Delta R.T.: 0.000 min  
Response: 214139790  
Conc: 51.29 ng/ml



#3 gamma-BHC (Lindane)

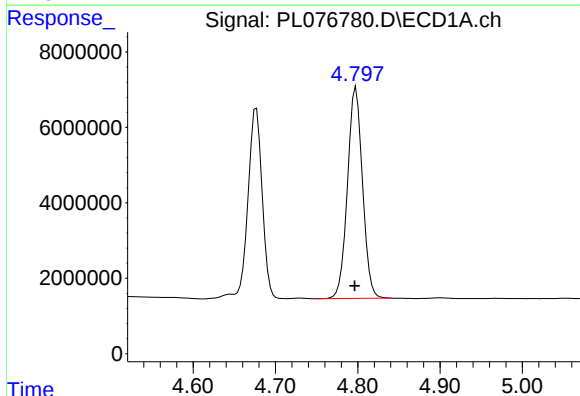
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 74655869  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



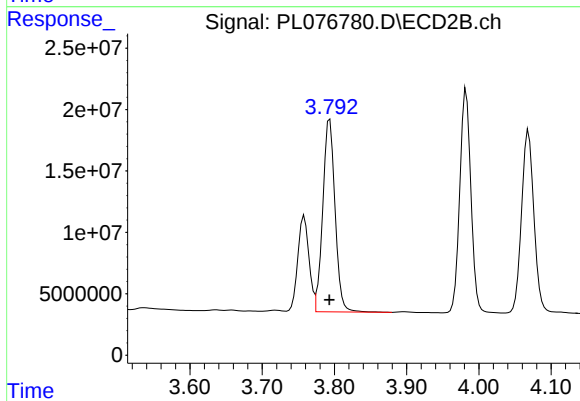
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 193879598  
Conc: 50.87 ng/ml



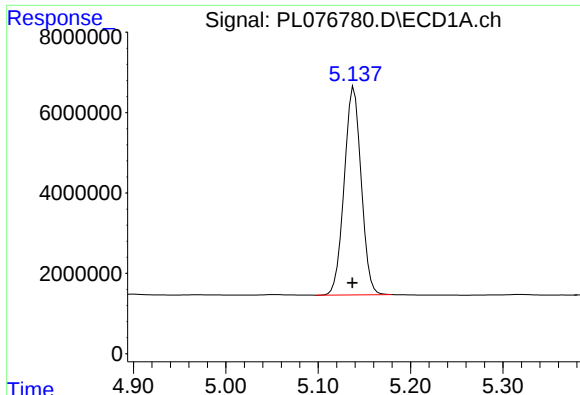
#4 Heptachlor

R.T.: 4.798 min  
Delta R.T.: 0.002 min  
Response: 71140554  
Conc: 53.01 ng/ml



#4 Heptachlor

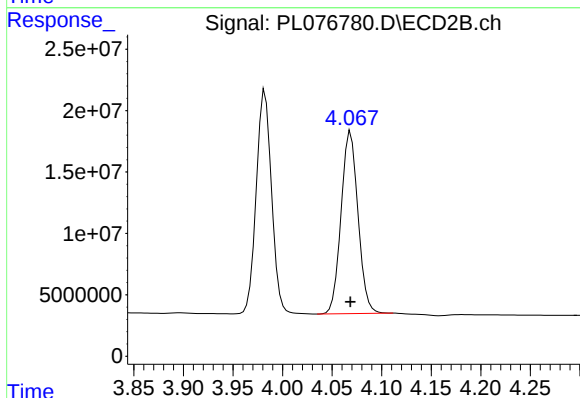
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 186145126  
Conc: 49.30 ng/ml



#5 Aldrin

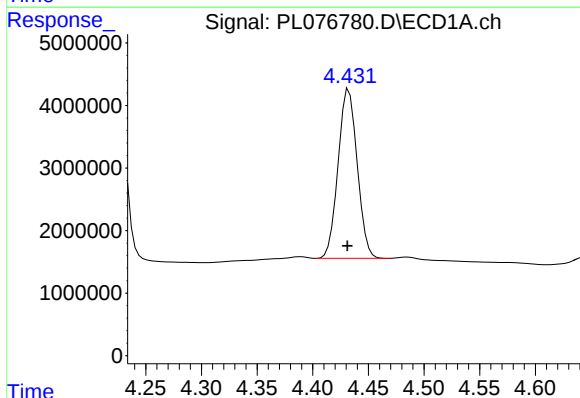
R.T.: 5.139 min  
Delta R.T.: 0.002 min  
Response: 66025810  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



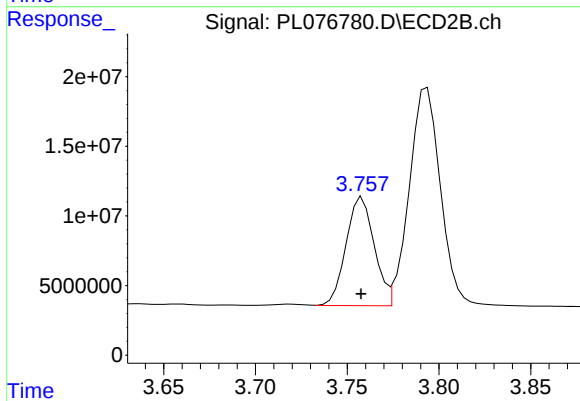
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 175963928  
Conc: 50.02 ng/ml



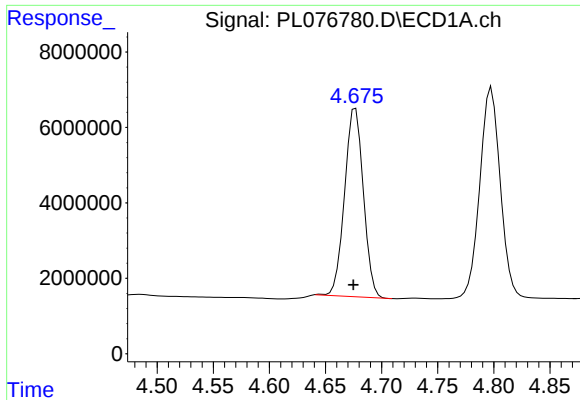
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: 0.001 min  
Response: 32321478  
Conc: 54.16 ng/ml



#6 beta-BHC

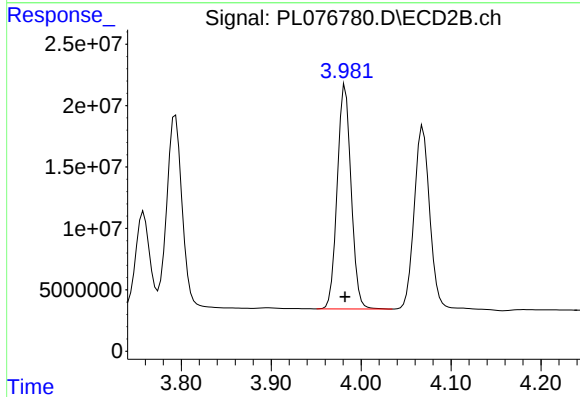
R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 83310484  
Conc: 49.13 ng/ml



#7 delta-BHC

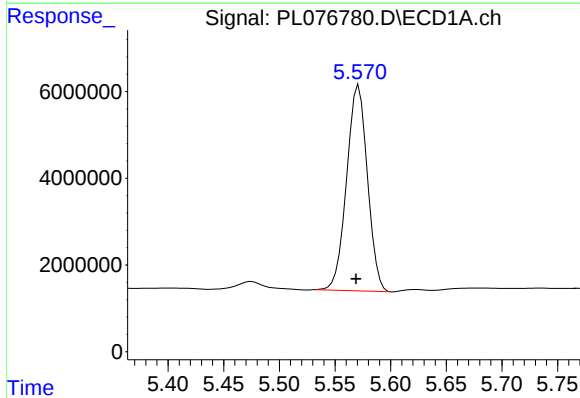
R.T.: 4.677 min  
Delta R.T.: 0.002 min  
Response: 57998044  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



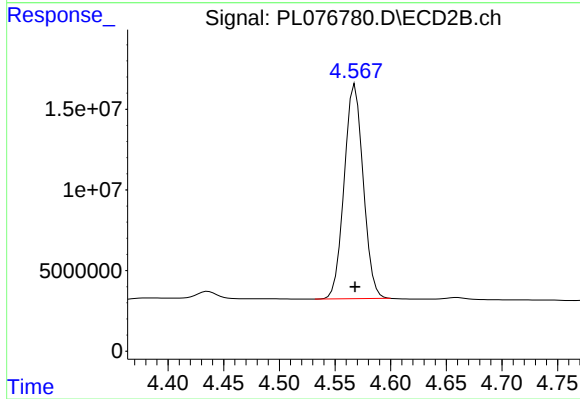
#7 delta-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 195421622  
Conc: 51.25 ng/ml



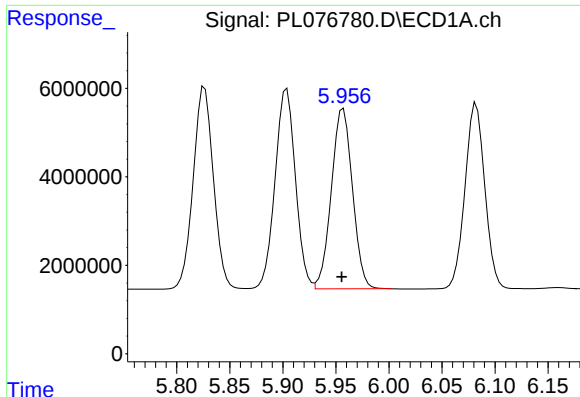
#8 Heptachlor epoxide

R.T.: 5.571 min  
Delta R.T.: 0.002 min  
Response: 61689967  
Conc: 55.32 ng/ml



#8 Heptachlor epoxide

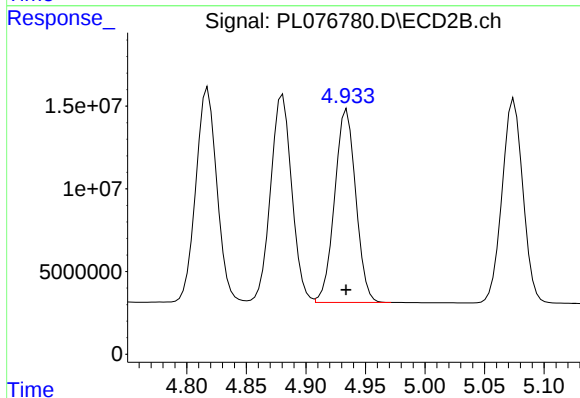
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 158035550  
Conc: 49.83 ng/ml



#9 Endosulfan I

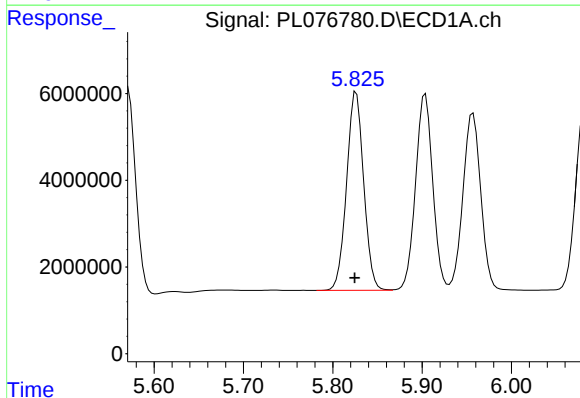
R.T.: 5.957 min  
Delta R.T.: 0.001 min  
Response: 56473414  
Conc: 54.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



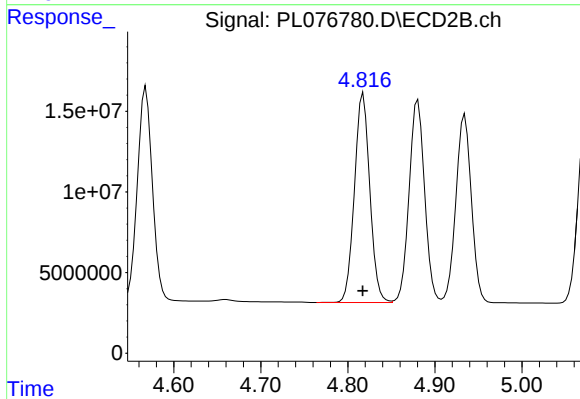
#9 Endosulfan I

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 144129755  
Conc: 49.81 ng/ml



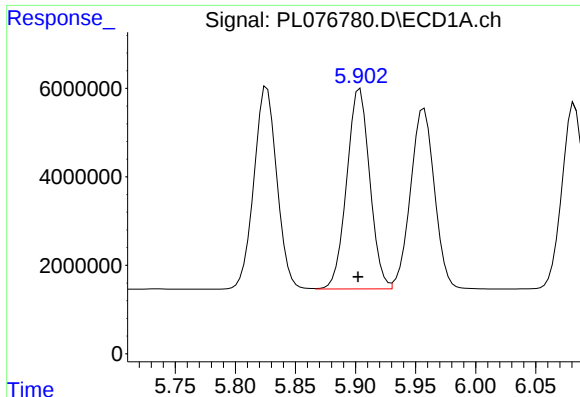
#10 gamma-Chlordane

R.T.: 5.826 min  
Delta R.T.: 0.002 min  
Response: 60814533  
Conc: 54.85 ng/ml



#10 gamma-Chlordane

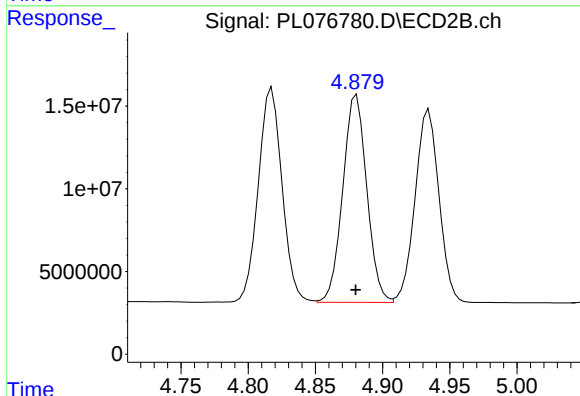
R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 159697609  
Conc: 49.90 ng/ml



#11 alpha-Chlordane

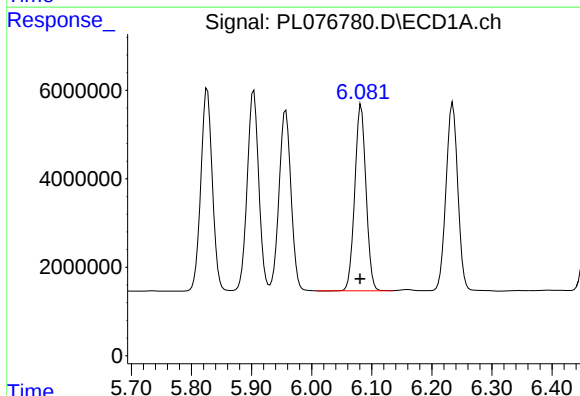
R.T.: 5.904 min  
Delta R.T.: 0.002 min  
Response: 60478666  
Conc: 54.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



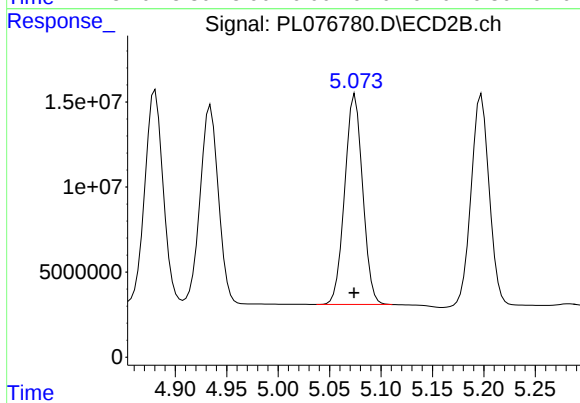
#11 alpha-Chlordane

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 155652320  
Conc: 49.87 ng/ml



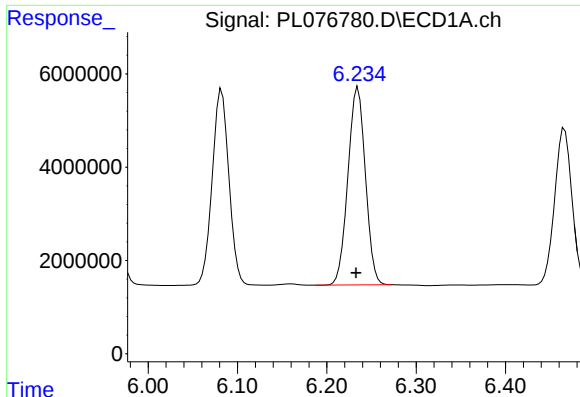
#12 4,4'-DDE

R.T.: 6.082 min  
Delta R.T.: 0.002 min  
Response: 54663397  
Conc: 55.69 ng/ml



#12 4,4'-DDE

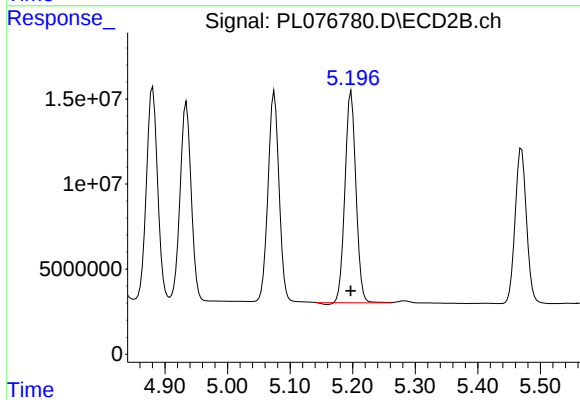
R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 150035651  
Conc: 50.48 ng/ml



#13 Dieldrin

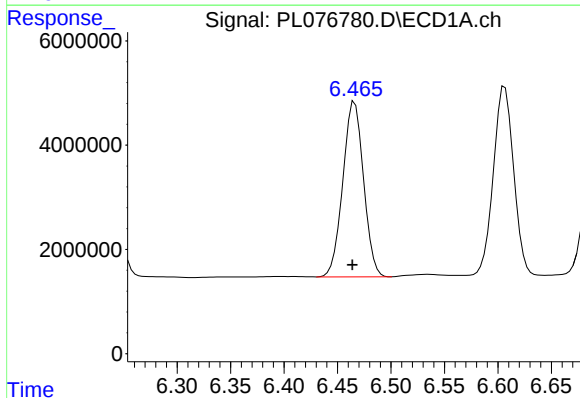
R.T.: 6.235 min  
Delta R.T.: 0.002 min  
Response: 57595168  
Conc: 54.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



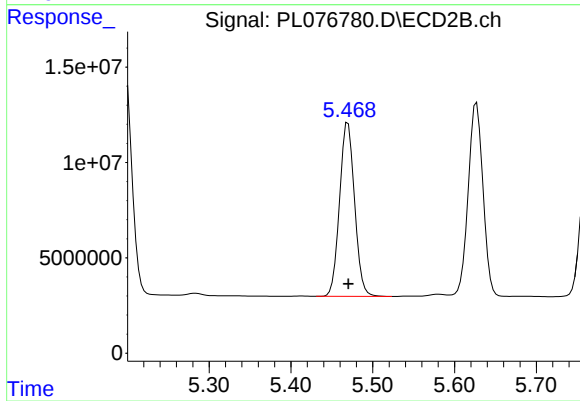
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 151496571  
Conc: 48.82 ng/ml



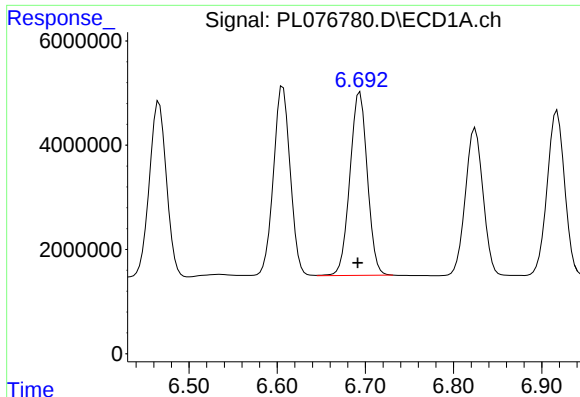
#14 Endrin

R.T.: 6.466 min  
Delta R.T.: 0.002 min  
Response: 45414768  
Conc: 47.28 ng/ml



#14 Endrin

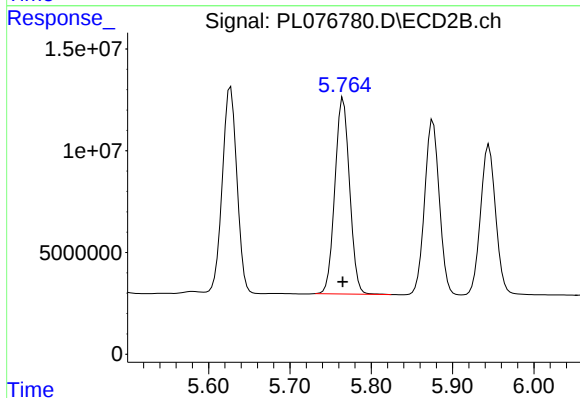
R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 115745041  
Conc: 46.10 ng/ml



#15 Endosulfan II

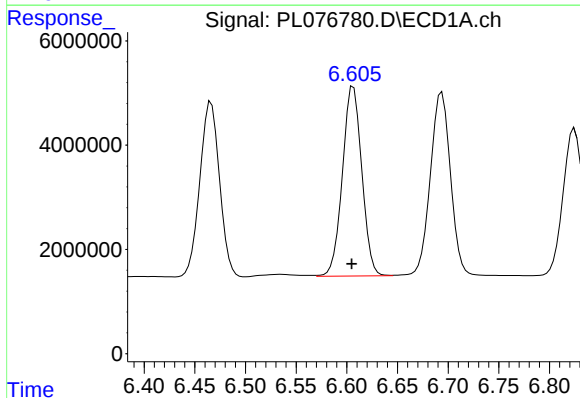
R.T.: 6.694 min  
Delta R.T.: 0.002 min  
Response: 48382146  
Conc: 53.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



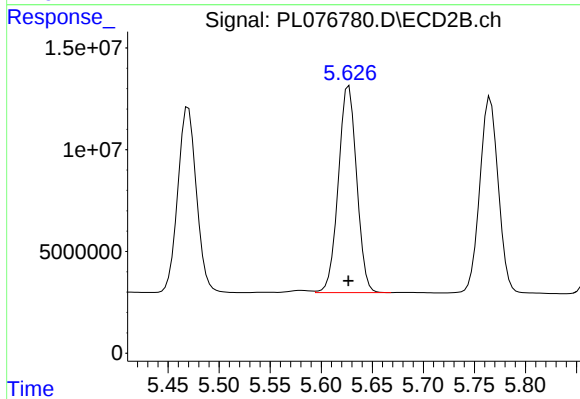
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 120931344  
Conc: 50.43 ng/ml



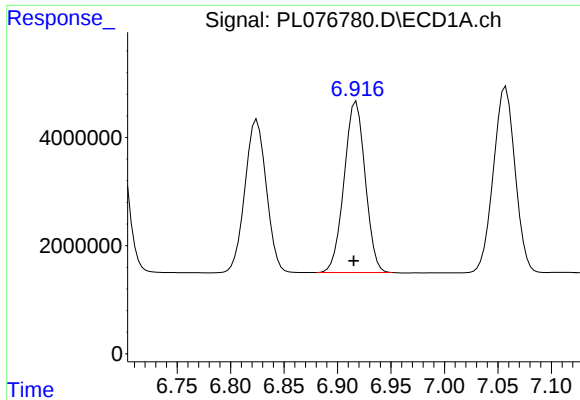
#16 4,4'-DDD

R.T.: 6.607 min  
Delta R.T.: 0.002 min  
Response: 48307379  
Conc: 57.95 ng/ml



#16 4,4'-DDD

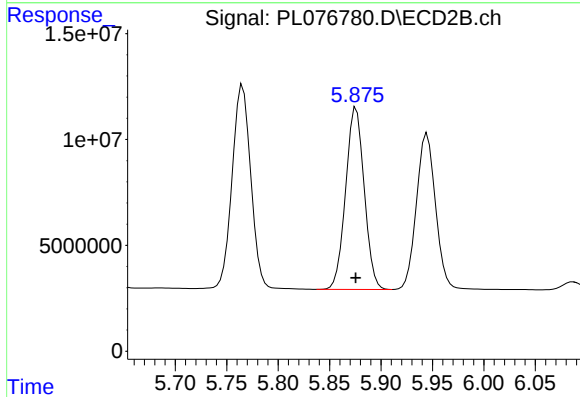
R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 127046153  
Conc: 53.63 ng/ml



#17 4,4'-DDT

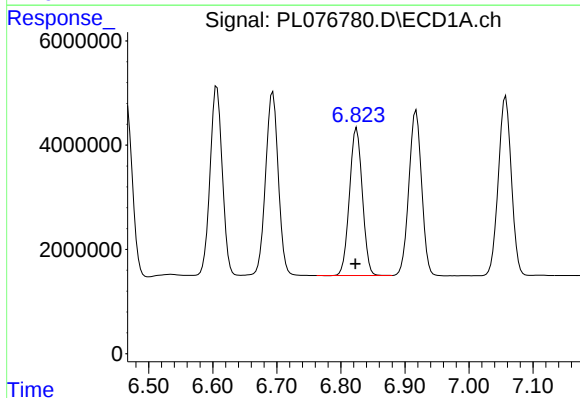
R.T.: 6.918 min  
Delta R.T.: 0.002 min  
Response: 43390277  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



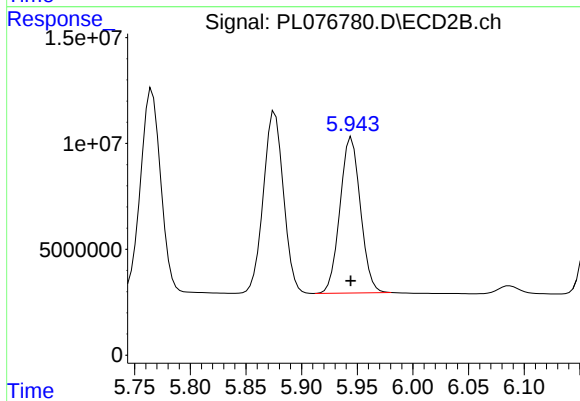
#17 4,4'-DDT

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 107958877  
Conc: 44.93 ng/ml



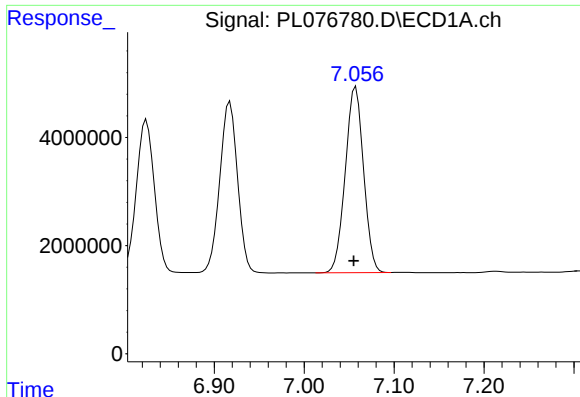
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: 0.002 min  
Response: 39387282  
Conc: 54.03 ng/ml



#18 Endrin aldehyde

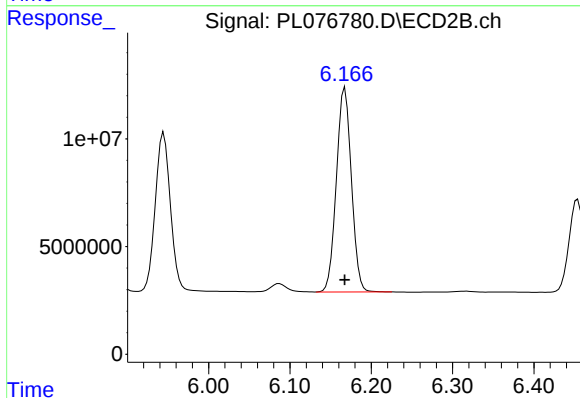
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 94174331  
Conc: 49.99 ng/ml



#19 Endosulfan Sulfate

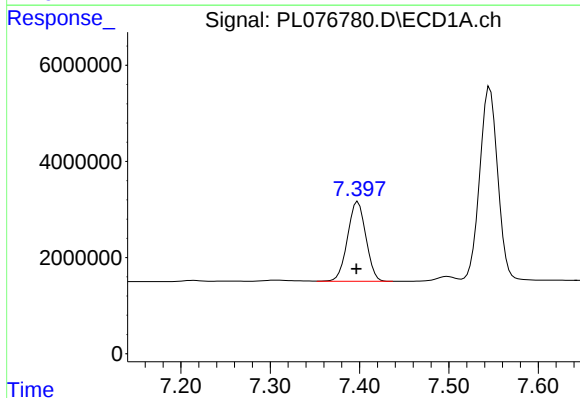
R.T.: 7.057 min  
Delta R.T.: 0.002 min  
Response: 48525674  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



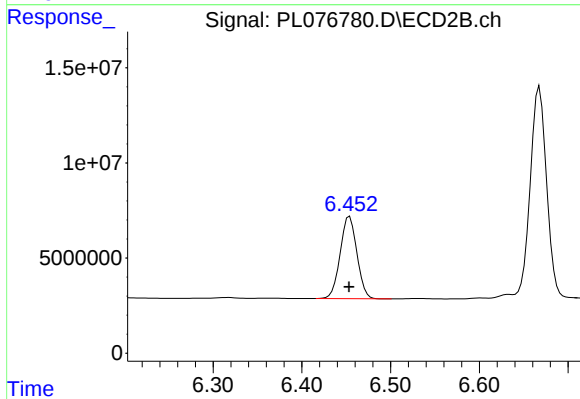
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 121632674  
Conc: 49.45 ng/ml



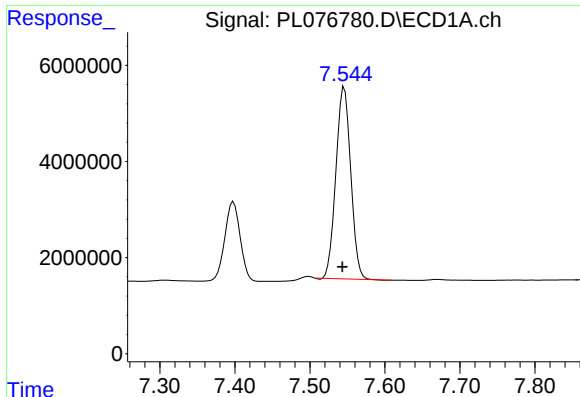
#20 Methoxychlor

R.T.: 7.398 min  
Delta R.T.: 0.002 min  
Response: 23690286  
Conc: 46.82 ng/ml



#20 Methoxychlor

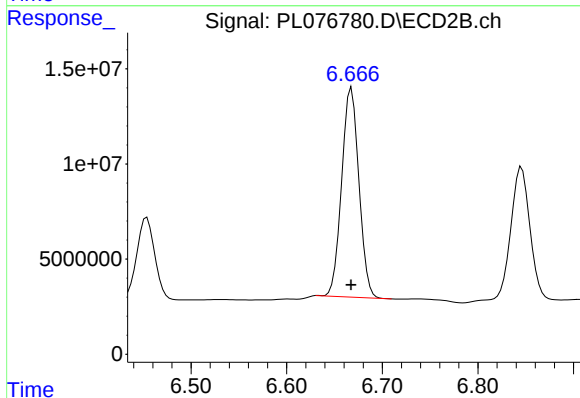
R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 56629099  
Conc: 43.30 ng/ml



#21 Endrin ketone

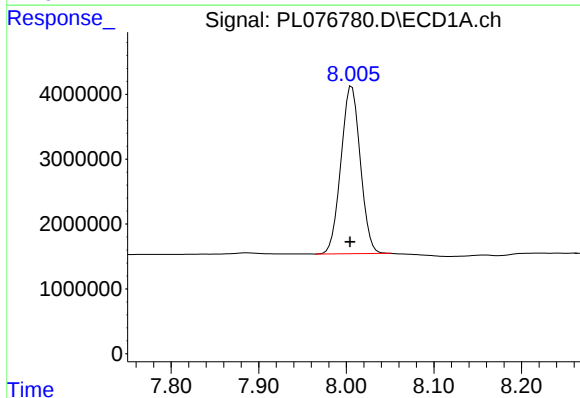
R.T.: 7.546 min  
Delta R.T.: 0.002 min  
Response: 54895775  
Conc: 53.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



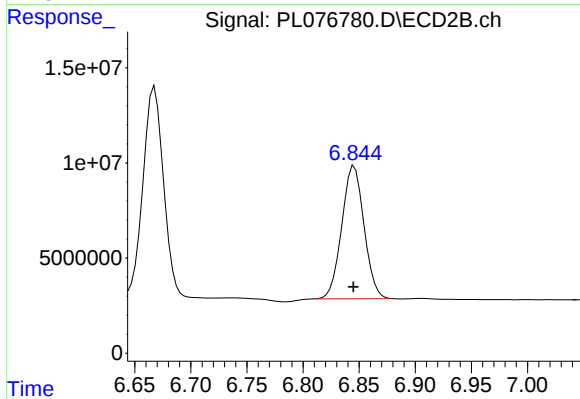
#21 Endrin ketone

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 138263197  
Conc: 50.94 ng/ml



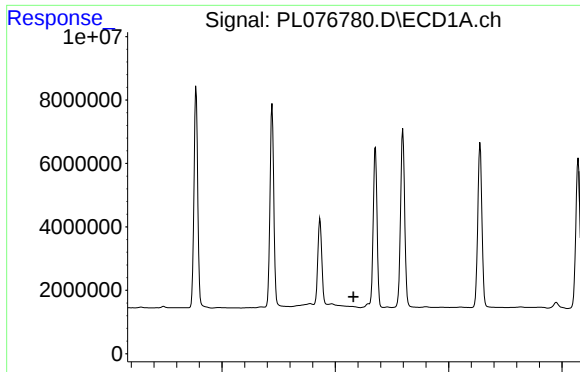
#22 Mirex

R.T.: 8.006 min  
Delta R.T.: 0.002 min  
Response: 39682922  
Conc: 51.30 ng/ml



#22 Mirex

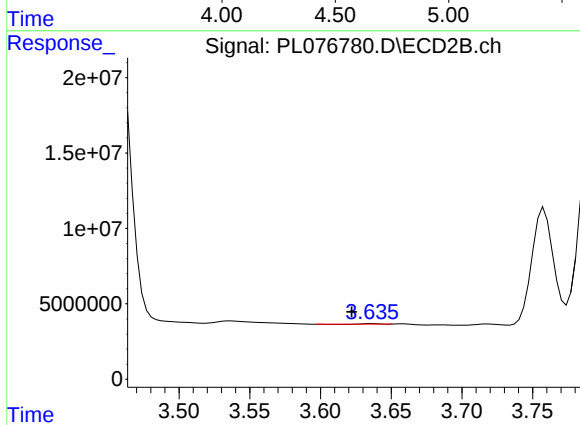
R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 96319866  
Conc: 48.03 ng/ml



#23 Chlordane-1

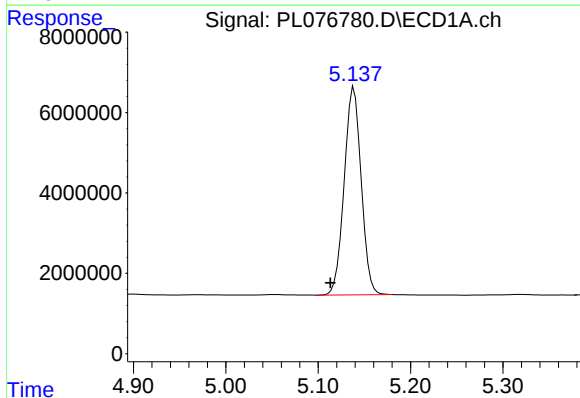
R.T.: 0.000 min  
Exp R.T.: 4.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



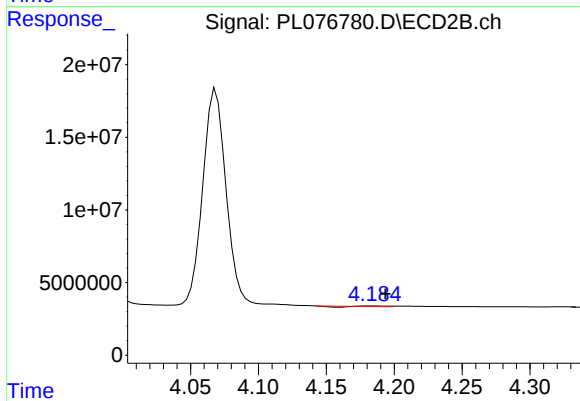
#23 Chlordane-1

R.T.: 3.636 min  
Delta R.T.: 0.014 min  
Response: 99315  
Conc: 1.10 ng/ml



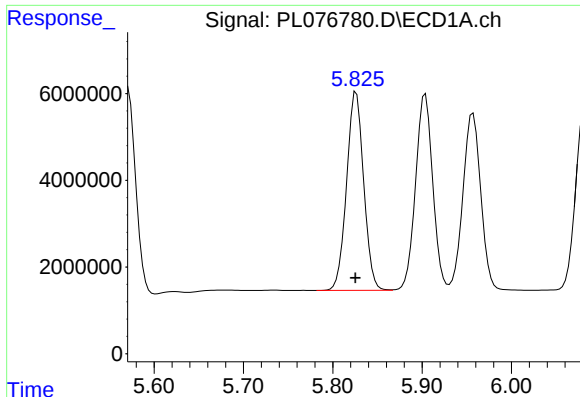
#24 Chlordane-2

R.T.: 5.139 min  
Delta R.T.: 0.026 min  
Response: 66025810  
Conc: 1803.07 ng/ml



#24 Chlordane-2

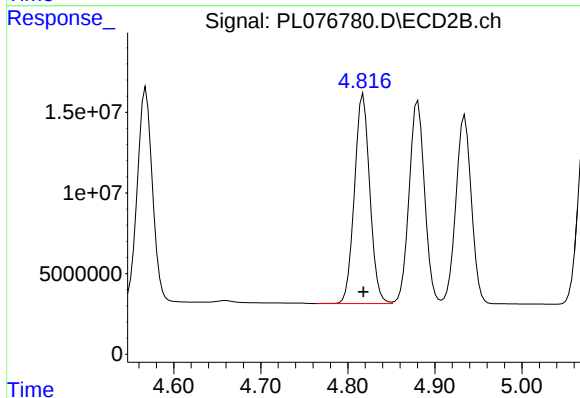
R.T.: 4.182 min  
Delta R.T.: -0.012 min  
Response: 2816  
Conc: 0.03 ng/ml



#25 Chlordane-3

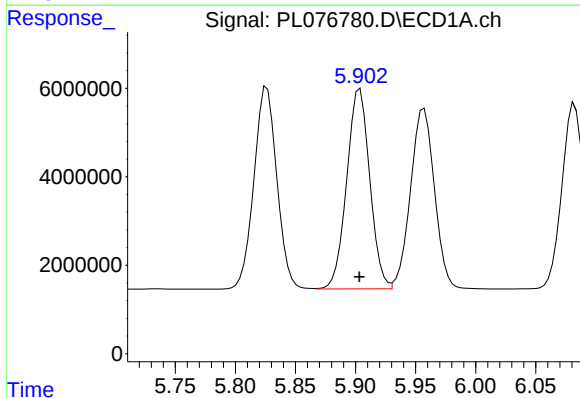
R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 60814533  
Conc: 438.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



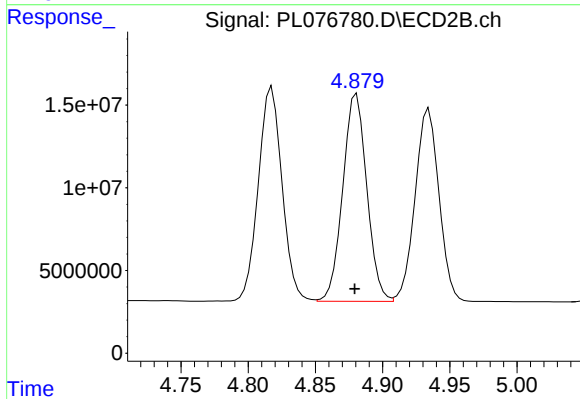
#25 Chlordane-3

R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 159697609  
Conc: 564.11 ng/ml



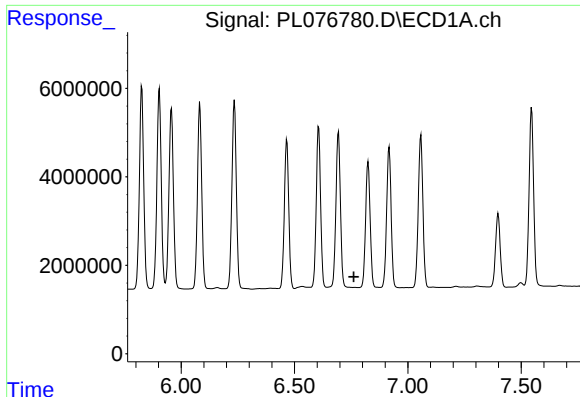
#26 Chlordane-4

R.T.: 5.904 min  
Delta R.T.: 0.000 min  
Response: 60478666  
Conc: 352.66 ng/ml



#26 Chlordane-4

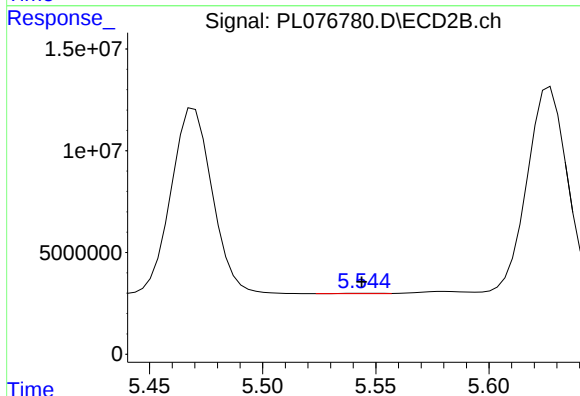
R.T.: 4.881 min  
Delta R.T.: 0.001 min  
Response: 155652320  
Conc: 524.32 ng/ml



#27 Chlordane-5

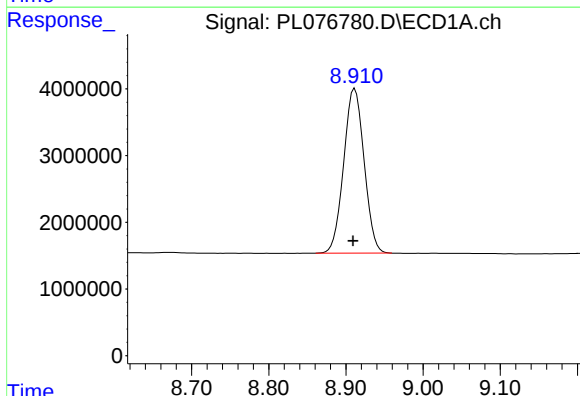
R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



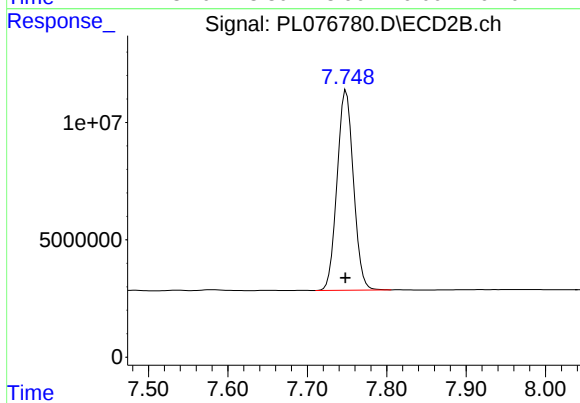
#27 Chlordane-5

R.T.: 5.545 min  
Delta R.T.: 0.001 min  
Response: 226936  
Conc: 2.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.911 min  
Delta R.T.: 0.002 min  
Response: 45369914  
Conc: 51.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: 0.000 min  
Response: 122133380  
Conc: 47.58 ng/ml