

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090122\  
 Data File : PL077454.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Sep 2022 17:55  
 Operator : AR\AJ  
 Sample : PB147409BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 02 01:15:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 05:36:06 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... | 3.417  | 2.630  | 23168606 | 48490553 | 17.027   | 15.778    |
| 28)                         | SA Decachlor... | 8.906  | 7.730  | 21365323 | 40067386 | 18.232   | 14.359    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 3.123  | 102.8E6  | 217.3E6  | 55.490   | 49.757    |
| 3)                          | MA gamma-BHC... | 4.217  | 3.447  | 95645417 | 198.6E6  | 54.639   | 50.845    |
| 4)                          | MA Heptachlor   | 4.794  | 3.779  | 95434447 | 193.0E6  | 55.150   | 49.509    |
| 5)                          | MB Aldrin       | 5.133  | 4.053  | 85154453 | 183.3E6  | 54.253   | 49.536    |
| 6)                          | B beta-BHC      | 4.430  | 3.746  | 40274486 | 81653223 | 54.196   | 49.512    |
| 7)                          | B delta-BHC     | 4.674  | 3.969  | 86538818 | 196.3E6  | 56.007   | 49.296    |
| 8)                          | B Heptachlo...  | 5.566  | 4.553  | 77681264 | 166.4E6  | 57.718   | 50.146    |
| 9)                          | A Endosulfan I  | 5.952  | 4.918  | 69423910 | 154.8E6  | 52.720   | 50.155    |
| 10)                         | B gamma-Chl...  | 5.822  | 4.802  | 74897365 | 166.1E6  | 53.410   | 49.678    |
| 11)                         | B alpha-Chl...  | 5.899  | 4.864  | 74023682 | 162.6E6  | 52.622   | 49.660    |
| 12)                         | B 4,4'-DDE      | 6.079  | 5.059  | 68734193 | 162.4E6  | 52.948   | 50.272    |
| 13)                         | MA Dieldrin     | 6.230  | 5.181  | 69691795 | 163.4E6  | 52.171   | 49.767    |
| 14)                         | MA Endrin       | 6.462  | 5.453  | 60406181 | 141.7E6  | 51.203   | 51.828    |
| 15)                         | B Endosulfa...  | 6.689  | 5.749  | 57290704 | 127.0E6  | 52.291   | 46.821    |
| 16)                         | A 4,4'-DDD      | 6.603  | 5.611  | 53881005 | 130.8E6  | 52.749   | 48.935    |
| 17)                         | MA 4,4'-DDT     | 6.913  | 5.859  | 57713577 | 124.3E6  | 51.666   | 47.181    |
| 18)                         | B Endrin al...  | 6.820  | 5.928  | 46604632 | 94701915 | 51.054   | 45.259    |
| 19)                         | B Endosulfa...  | 7.053  | 6.151  | 57143633 | 121.7E6  | 51.690   | 45.368    |
| 20)                         | A Methoxychlor  | 7.394  | 6.437  | 30476939 | 63444198 | 50.606   | 44.972    |
| 21)                         | B Endrin ke...  | 7.542  | 6.651  | 62130788 | 127.9E6  | 50.930   | 44.391    |
| 22)                         | Mirex           | 8.001  | 6.827  | 47802787 | 96807073 | 51.958   | 45.198    |
| 24)                         | Chlordane-2     | 5.133f | 4.197f | 85154453 | 256676   | 1841.478 | 2.396 #   |
| 25)                         | Chlordane-3     | 5.822  | 4.802  | 74897365 | 166.1E6  | 421.068  | 543.942 # |
| 26)                         | Chlordane-4     | 5.899  | 4.864  | 74023682 | 162.6E6  | 340.307  | 513.685 # |
| -----                       |                 |        |        |          |          |          |           |

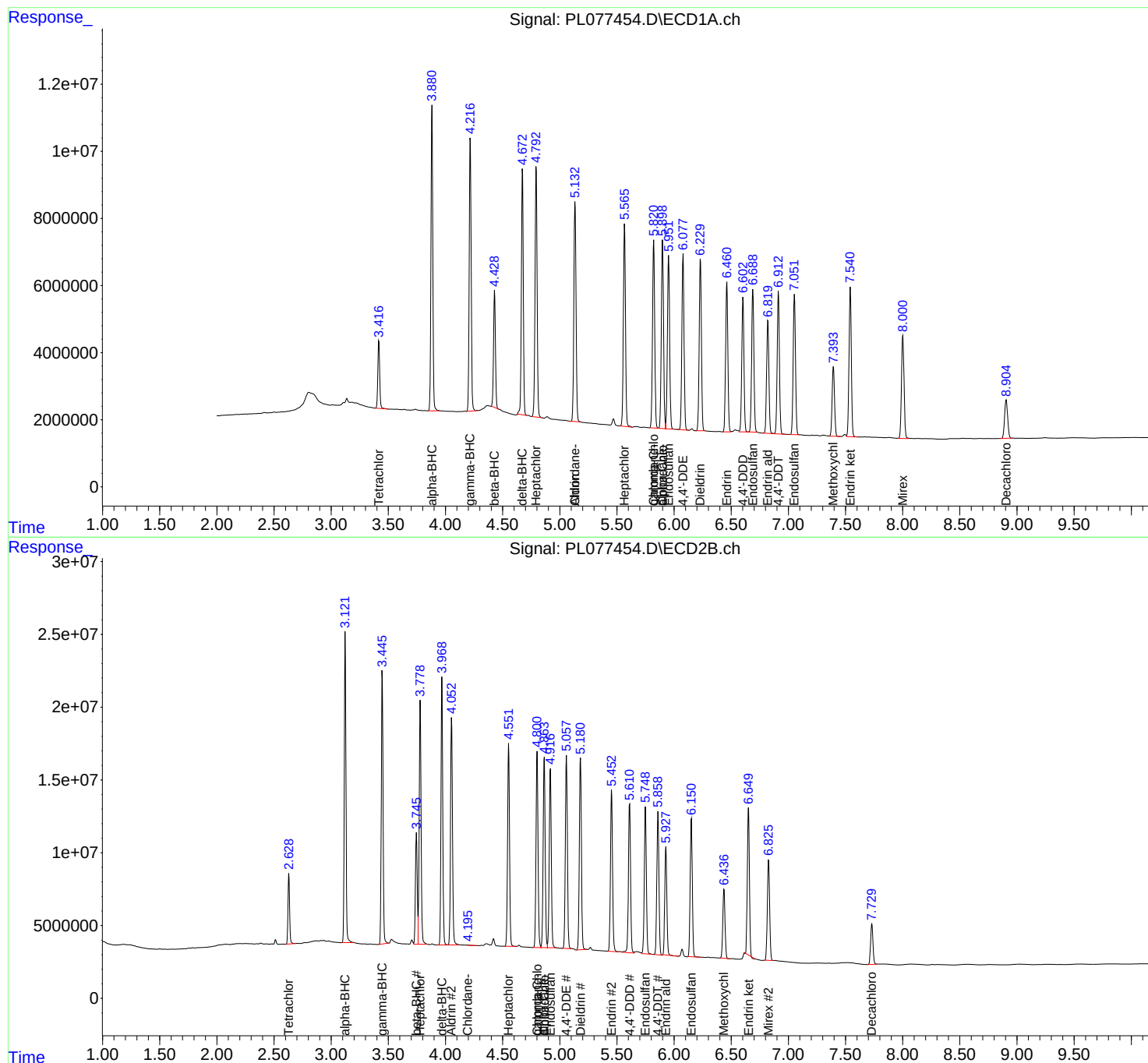
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

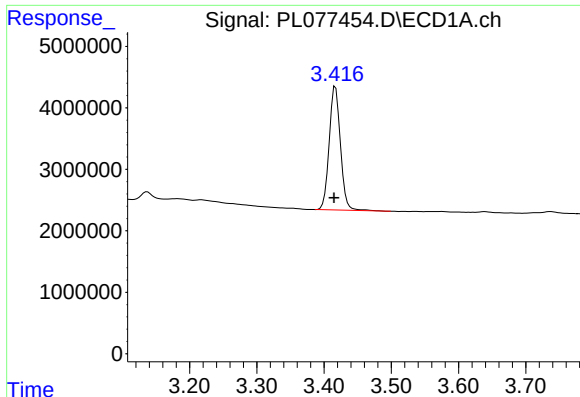
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090122\  
Data File : PL077454.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Sep 2022 17:55  
Operator : AR\AJ  
Sample : PB147409BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 02 01:15:44 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 23 05:36:06 2022  
Response via : Initial Calibration  
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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

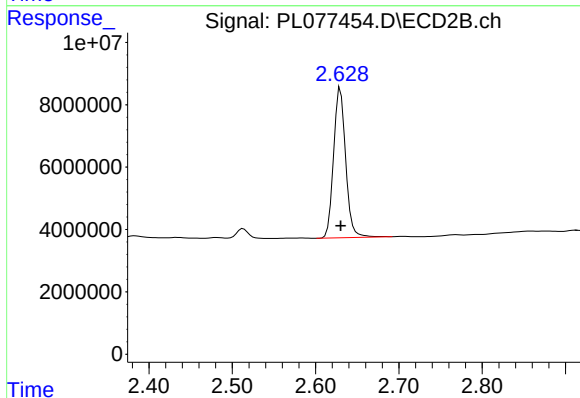




#1 Tetrachloro-m-xylene

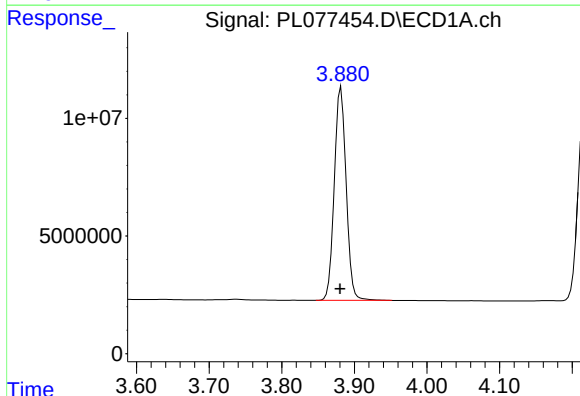
R.T.: 3.417 min  
Delta R.T.: 0.002 min  
Response: 23168606  
Conc: 17.03 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



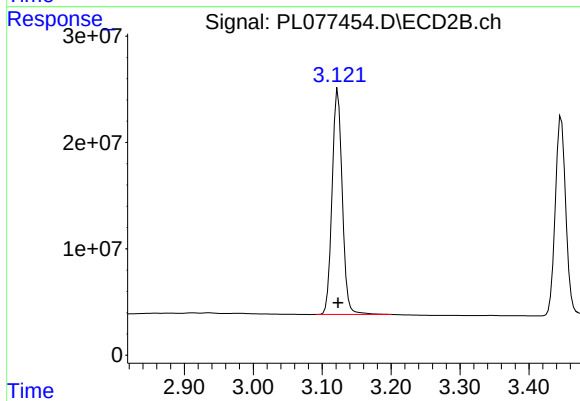
#1 Tetrachloro-m-xylene

R.T.: 2.630 min  
Delta R.T.: 0.000 min  
Response: 48490553  
Conc: 15.78 ng/ml



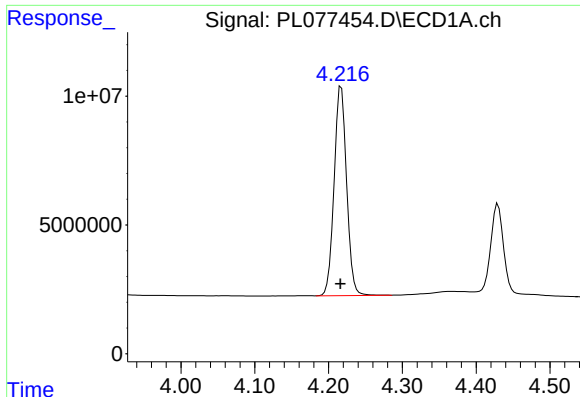
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: 0.001 min  
Response: 102795612  
Conc: 55.49 ng/ml



#2 alpha-BHC

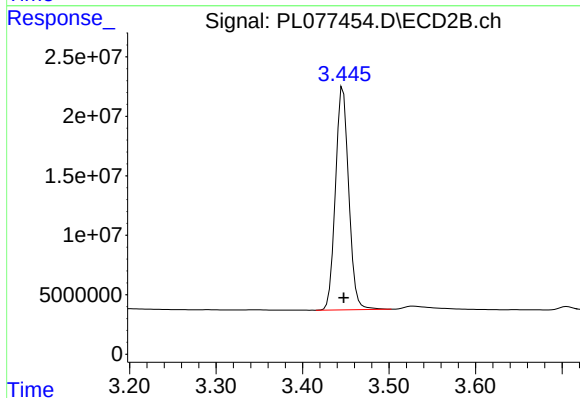
R.T.: 3.123 min  
Delta R.T.: 0.000 min  
Response: 217263174  
Conc: 49.76 ng/ml



#3 gamma-BHC (Lindane)

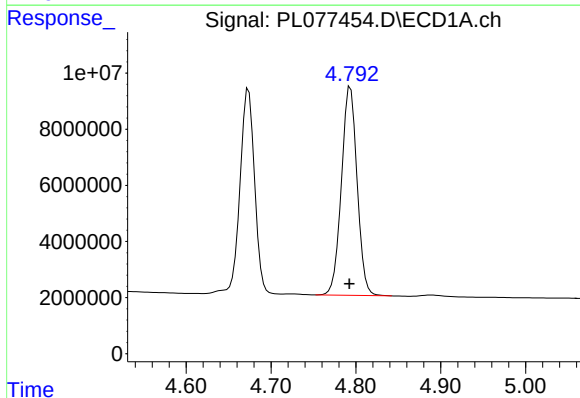
R.T.: 4.217 min  
Delta R.T.: 0.001 min  
Response: 95645417  
Conc: 54.64 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



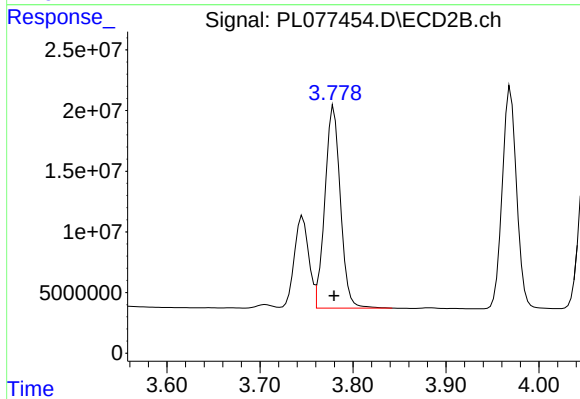
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: 0.000 min  
Response: 198630103  
Conc: 50.85 ng/ml



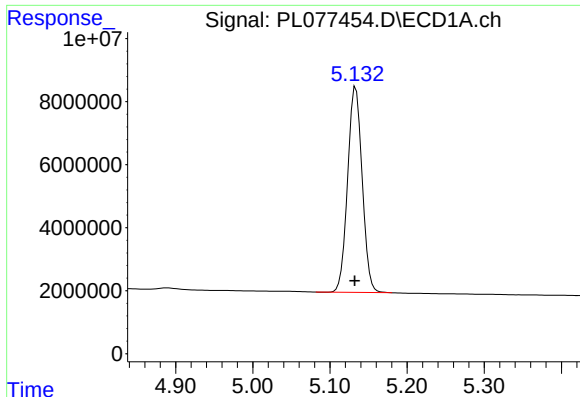
#4 Heptachlor

R.T.: 4.794 min  
Delta R.T.: 0.001 min  
Response: 95434447  
Conc: 55.15 ng/ml



#4 Heptachlor

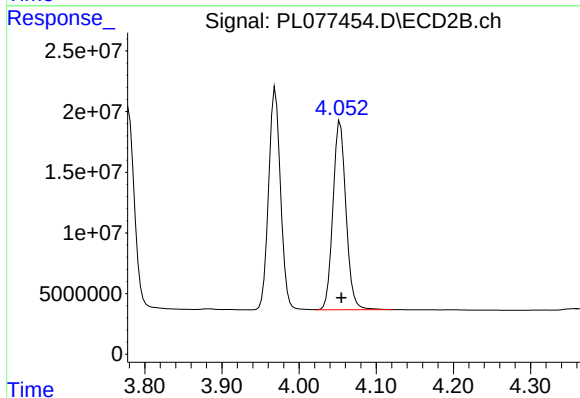
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 193008005  
Conc: 49.51 ng/ml



#5 Aldrin

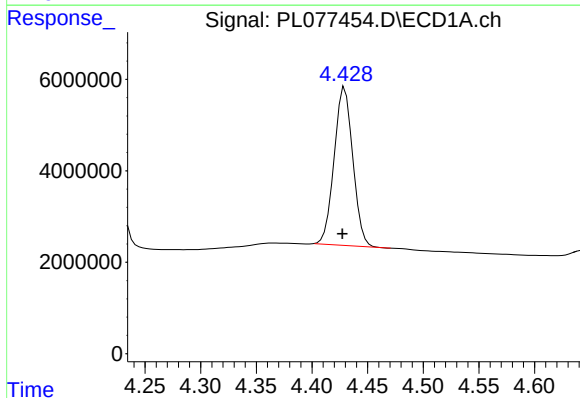
R.T.: 5.133 min  
Delta R.T.: 0.001 min  
Response: 85154453  
Conc: 54.25 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



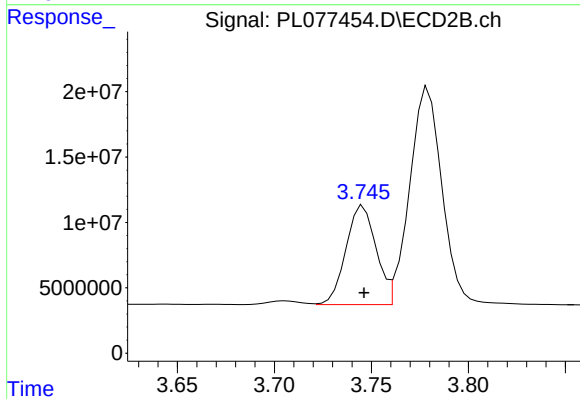
#5 Aldrin

R.T.: 4.053 min  
Delta R.T.: -0.001 min  
Response: 183337803  
Conc: 49.54 ng/ml



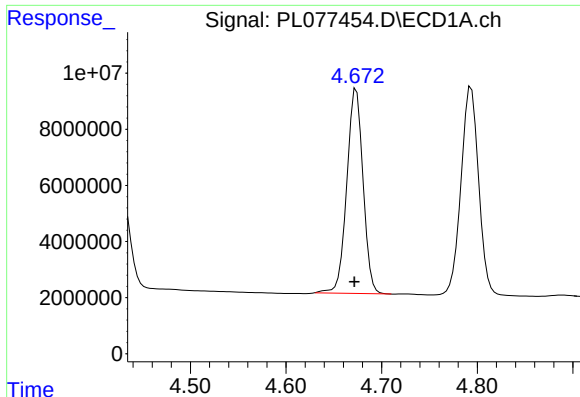
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.002 min  
Response: 40274486  
Conc: 54.20 ng/ml



#6 beta-BHC

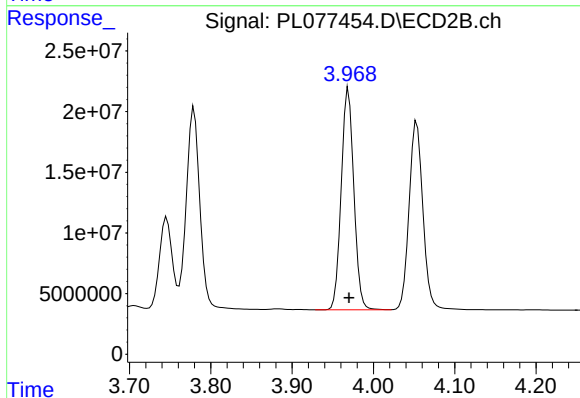
R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 81653223  
Conc: 49.51 ng/ml



#7 delta-BHC

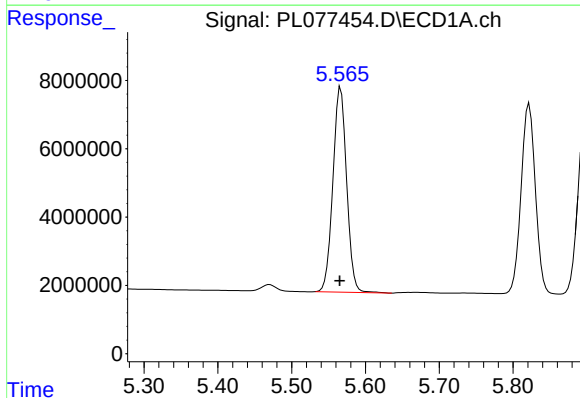
R.T.: 4.674 min  
Delta R.T.: 0.002 min  
Response: 86538818  
Conc: 56.01 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



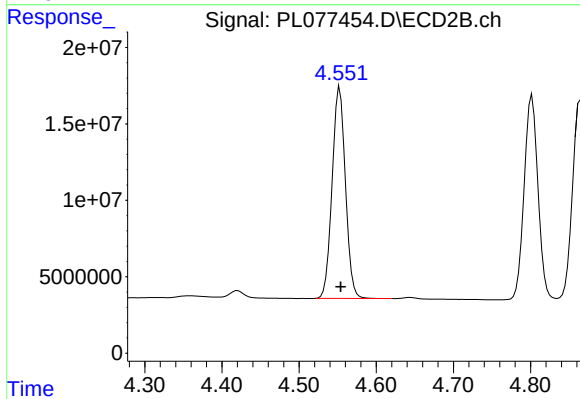
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 196283679  
Conc: 49.30 ng/ml



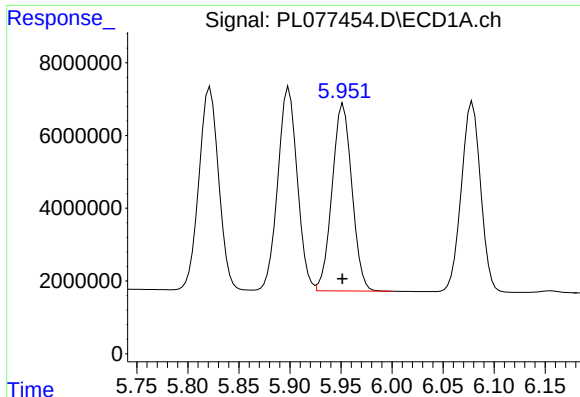
#8 Heptachlor epoxide

R.T.: 5.566 min  
Delta R.T.: 0.002 min  
Response: 77681264  
Conc: 57.72 ng/ml



#8 Heptachlor epoxide

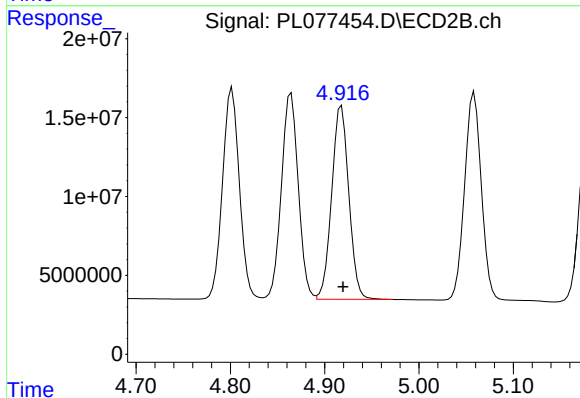
R.T.: 4.553 min  
Delta R.T.: -0.001 min  
Response: 166424384  
Conc: 50.15 ng/ml



#9 Endosulfan I

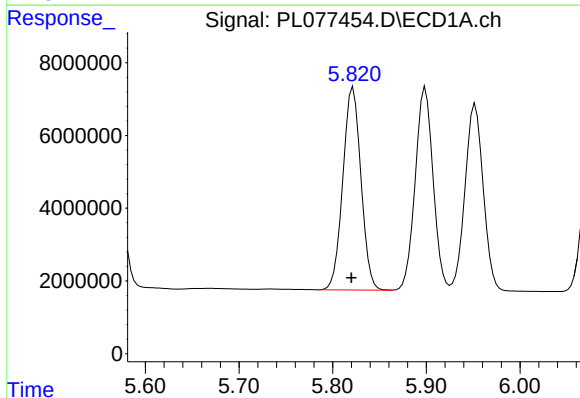
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 69423910  
Conc: 52.72 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



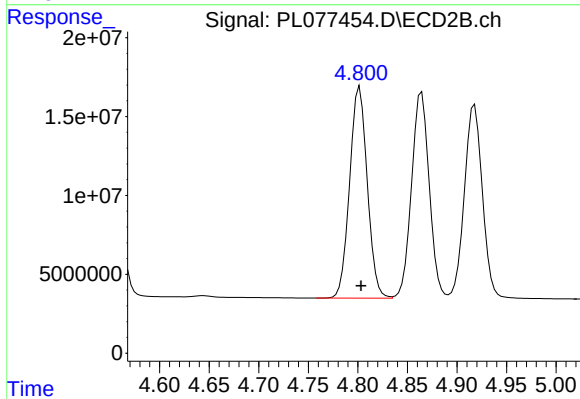
#9 Endosulfan I

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 154811607  
Conc: 50.15 ng/ml



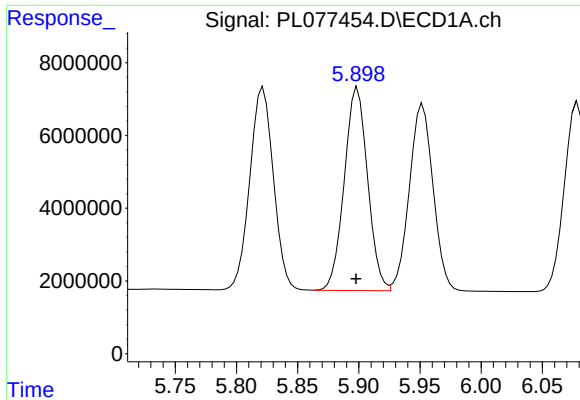
#10 gamma-Chlordane

R.T.: 5.822 min  
Delta R.T.: 0.002 min  
Response: 74897365  
Conc: 53.41 ng/ml



#10 gamma-Chlordane

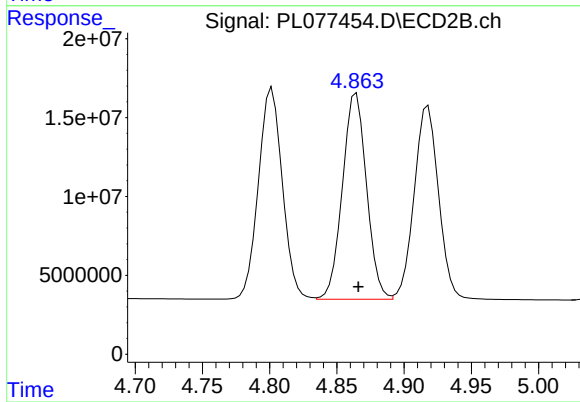
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 166090357  
Conc: 49.68 ng/ml



#11 alpha-Chlordane

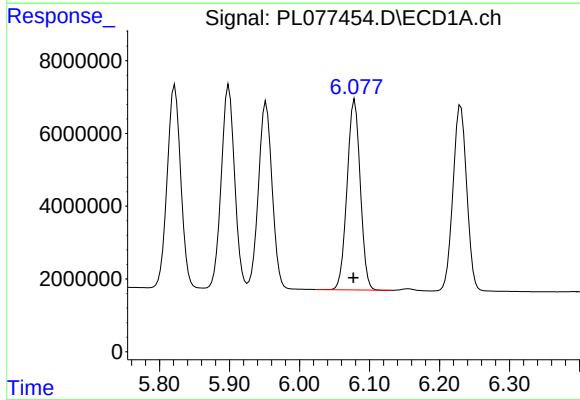
R.T.: 5.899 min  
Delta R.T.: 0.001 min  
Response: 74023682  
Conc: 52.62 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



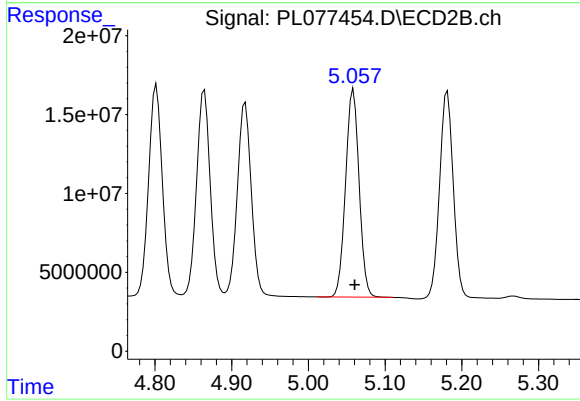
#11 alpha-Chlordane

R.T.: 4.864 min  
Delta R.T.: -0.002 min  
Response: 162566678  
Conc: 49.66 ng/ml



#12 4,4'-DDE

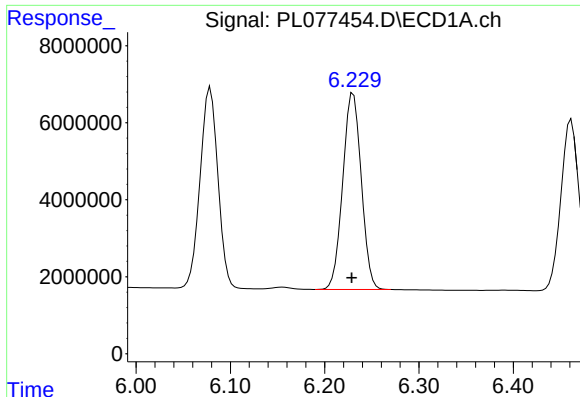
R.T.: 6.079 min  
Delta R.T.: 0.002 min  
Response: 68734193  
Conc: 52.95 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min  
Delta R.T.: -0.002 min  
Response: 162379188  
Conc: 50.27 ng/ml

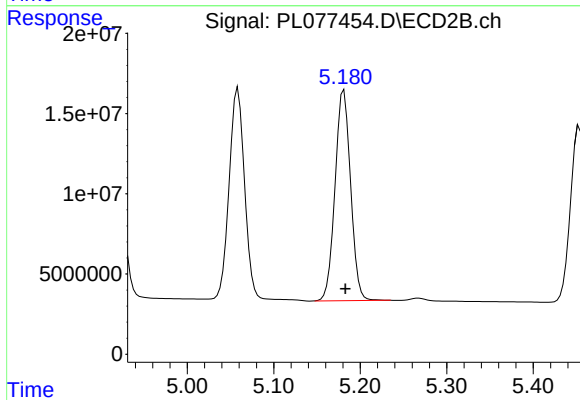




#13 Dieldrin

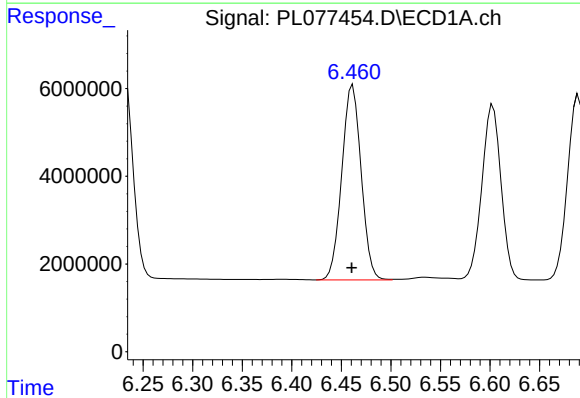
R.T.: 6.230 min  
Delta R.T.: 0.001 min  
Response: 69691795  
Conc: 52.17 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



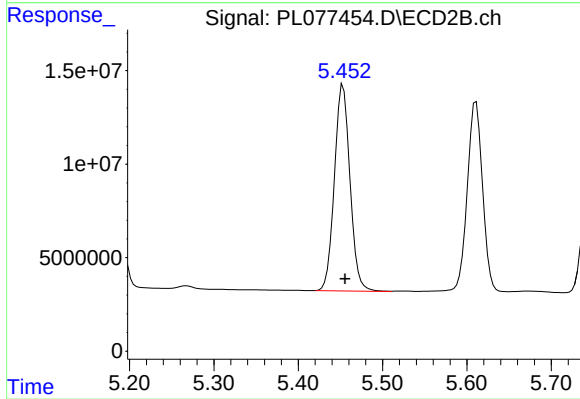
#13 Dieldrin

R.T.: 5.181 min  
Delta R.T.: -0.002 min  
Response: 163424862  
Conc: 49.77 ng/ml



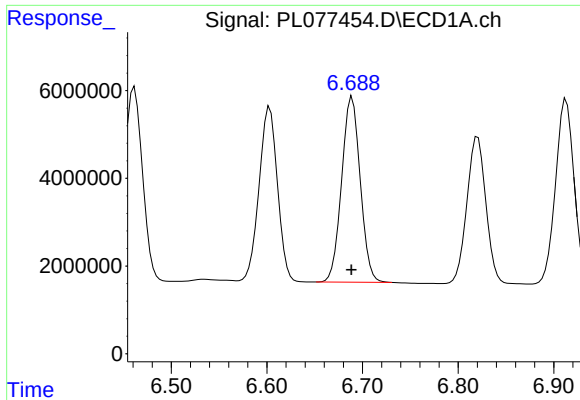
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: 0.001 min  
Response: 60406181  
Conc: 51.20 ng/ml



#14 Endrin

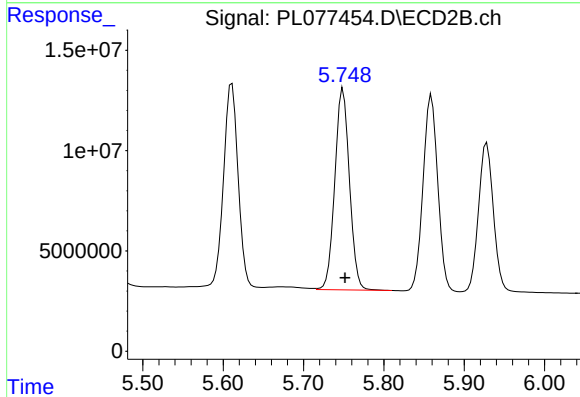
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 141691970  
Conc: 51.83 ng/ml



#15 Endosulfan II

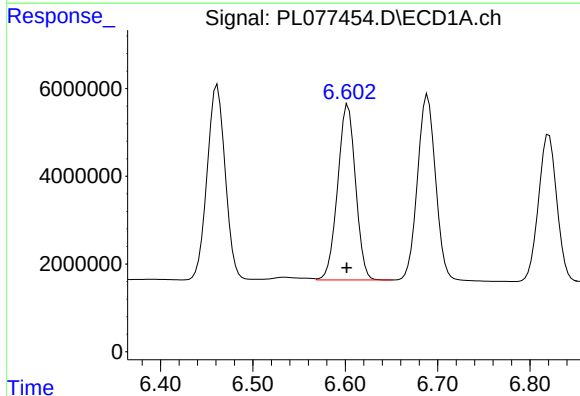
R.T.: 6.689 min  
Delta R.T.: 0.000 min  
Response: 57290704  
Conc: 52.29 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



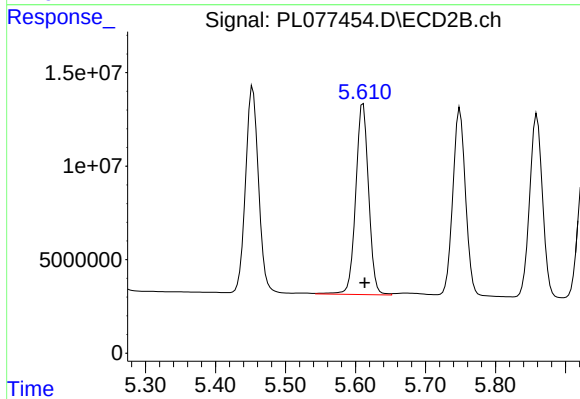
#15 Endosulfan II

R.T.: 5.749 min  
Delta R.T.: -0.003 min  
Response: 126980845  
Conc: 46.82 ng/ml



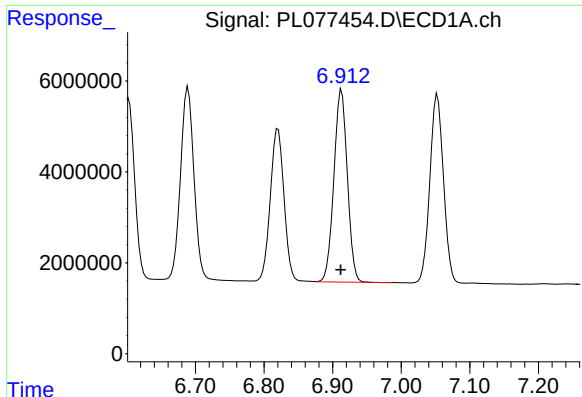
#16 4,4'-DDD

R.T.: 6.603 min  
Delta R.T.: 0.001 min  
Response: 53881005  
Conc: 52.75 ng/ml



#16 4,4'-DDD

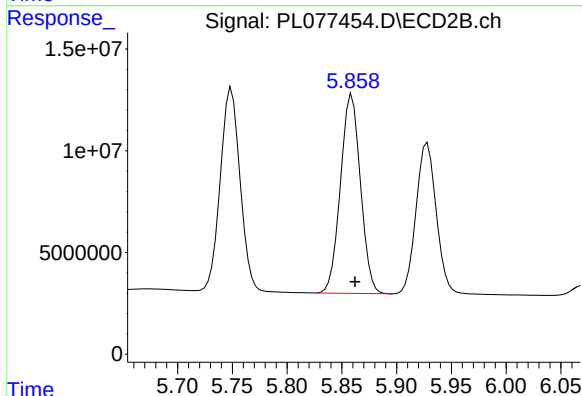
R.T.: 5.611 min  
Delta R.T.: -0.002 min  
Response: 130843349  
Conc: 48.93 ng/ml



#17 4,4'-DDT

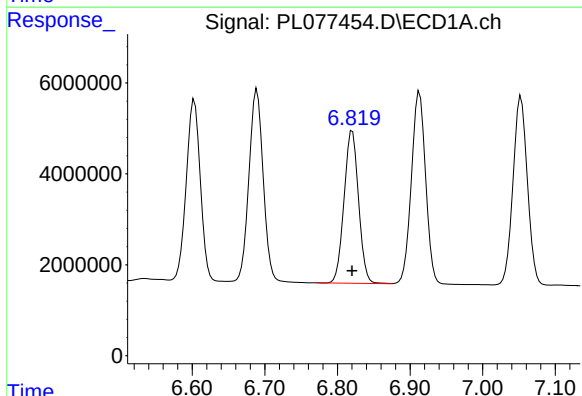
R.T.: 6.913 min  
Delta R.T.: 0.001 min  
Response: 57713577  
Conc: 51.67 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



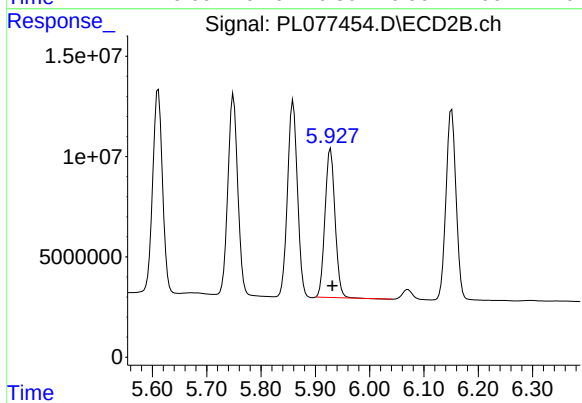
#17 4,4'-DDT

R.T.: 5.859 min  
Delta R.T.: -0.003 min  
Response: 124282422  
Conc: 47.18 ng/ml



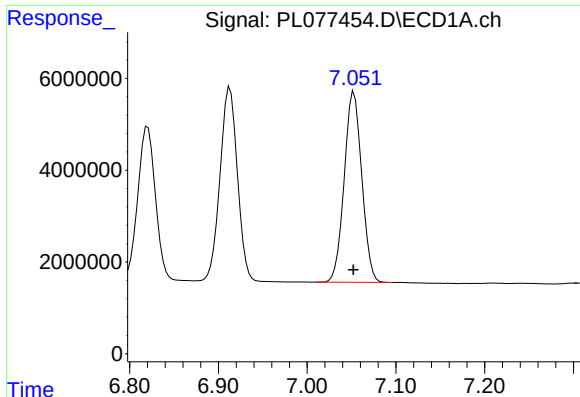
#18 Endrin aldehyde

R.T.: 6.820 min  
Delta R.T.: 0.000 min  
Response: 46604632  
Conc: 51.05 ng/ml



#18 Endrin aldehyde

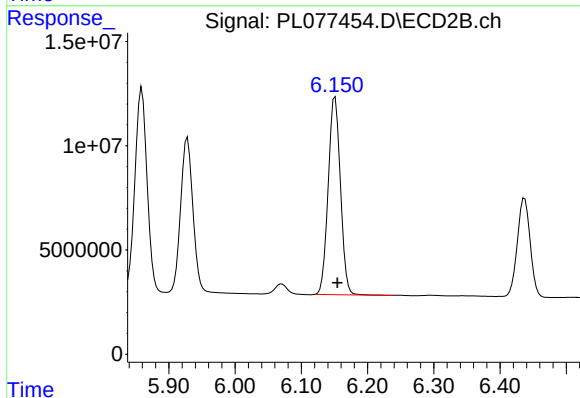
R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 94701915  
Conc: 45.26 ng/ml



#19 Endosulfan Sulfate

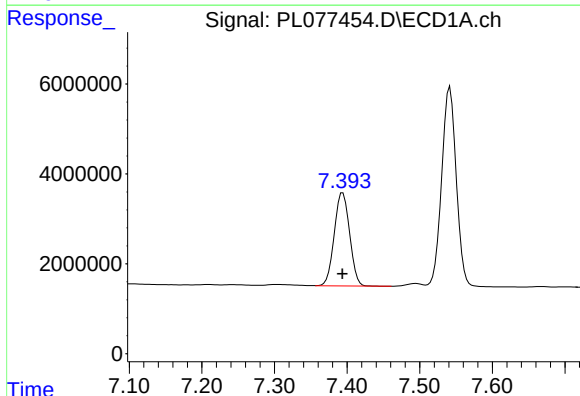
R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 57143633  
Conc: 51.69 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



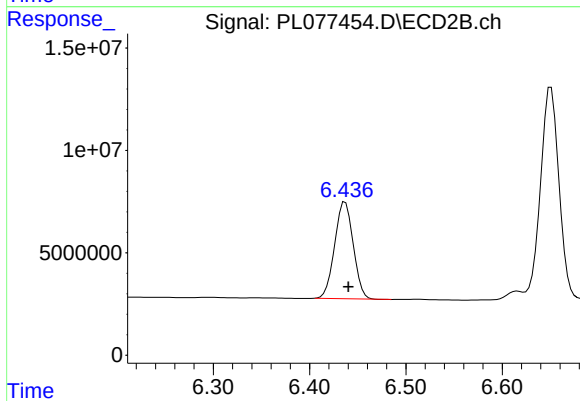
#19 Endosulfan Sulfate

R.T.: 6.151 min  
Delta R.T.: -0.003 min  
Response: 121697503  
Conc: 45.37 ng/ml



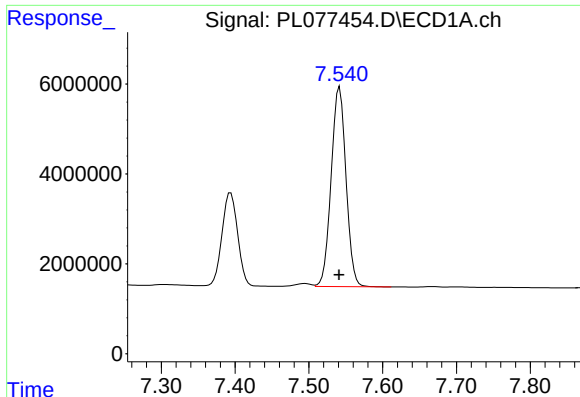
#20 Methoxychlor

R.T.: 7.394 min  
Delta R.T.: 0.000 min  
Response: 30476939  
Conc: 50.61 ng/ml



#20 Methoxychlor

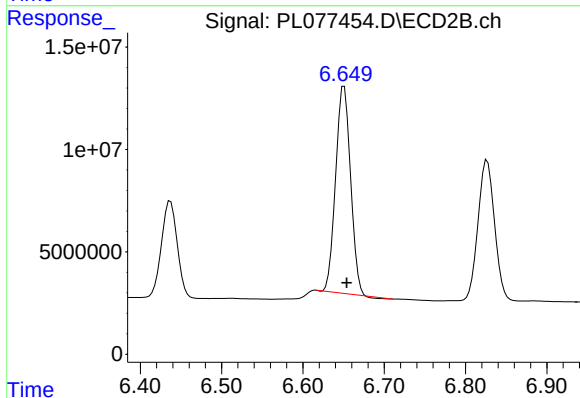
R.T.: 6.437 min  
Delta R.T.: -0.003 min  
Response: 63444198  
Conc: 44.97 ng/ml



#21 Endrin ketone

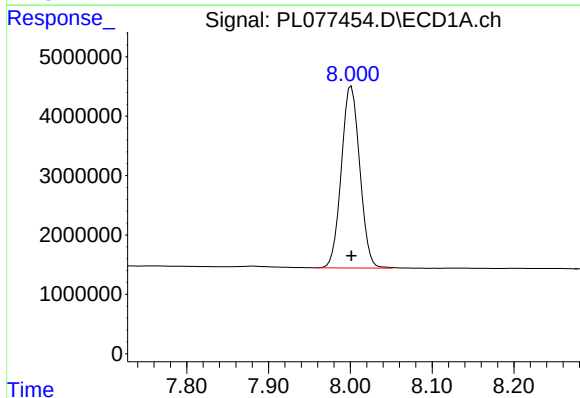
R.T.: 7.542 min  
Delta R.T.: 0.000 min  
Response: 62130788  
Conc: 50.93 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



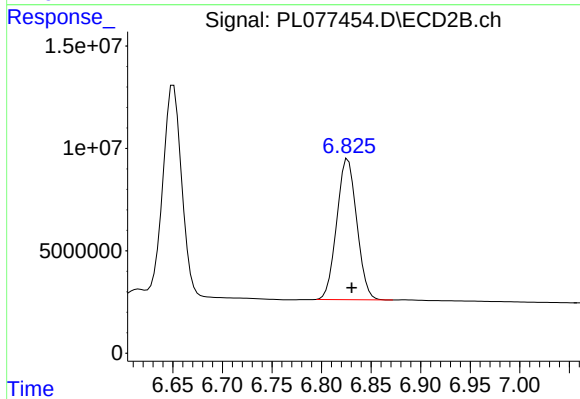
#21 Endrin ketone

R.T.: 6.651 min  
Delta R.T.: -0.003 min  
Response: 127881799  
Conc: 44.39 ng/ml



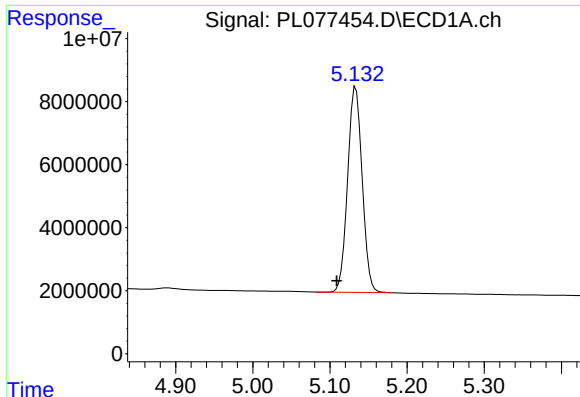
#22 Mirex

R.T.: 8.001 min  
Delta R.T.: 0.000 min  
Response: 47802787  
Conc: 51.96 ng/ml



#22 Mirex

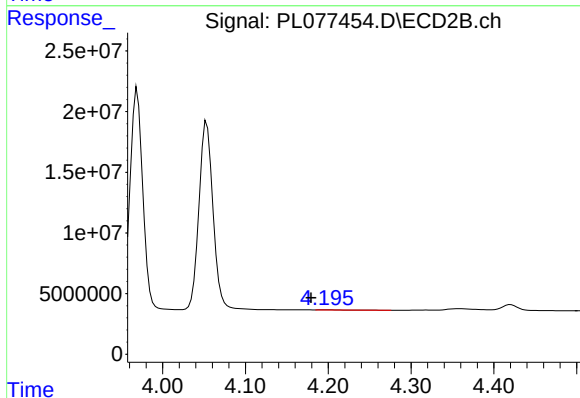
R.T.: 6.827 min  
Delta R.T.: -0.004 min  
Response: 96807073  
Conc: 45.20 ng/ml



#24 Chlordane-2

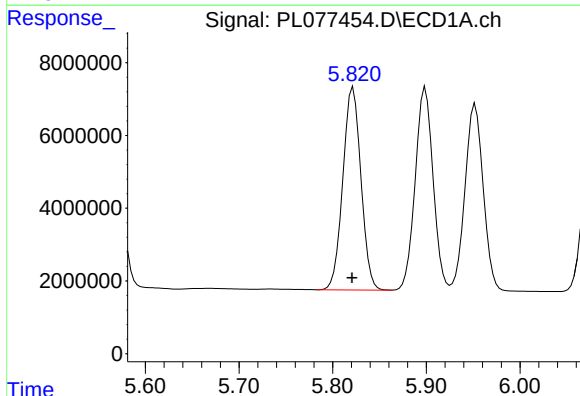
R.T.: 5.133 min  
Delta R.T.: 0.025 min  
Response: 85154453  
Conc: 1841.48 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



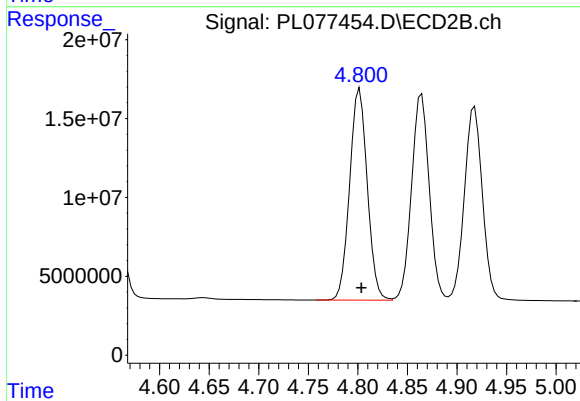
#24 Chlordane-2

R.T.: 4.197 min  
Delta R.T.: 0.017 min  
Response: 256676  
Conc: 2.40 ng/ml



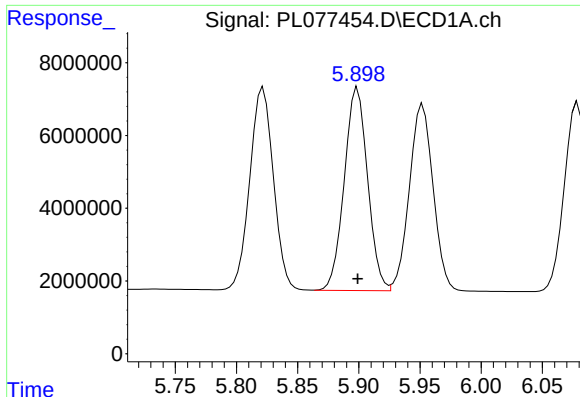
#25 Chlordane-3

R.T.: 5.822 min  
Delta R.T.: 0.001 min  
Response: 74897365  
Conc: 421.07 ng/ml



#25 Chlordane-3

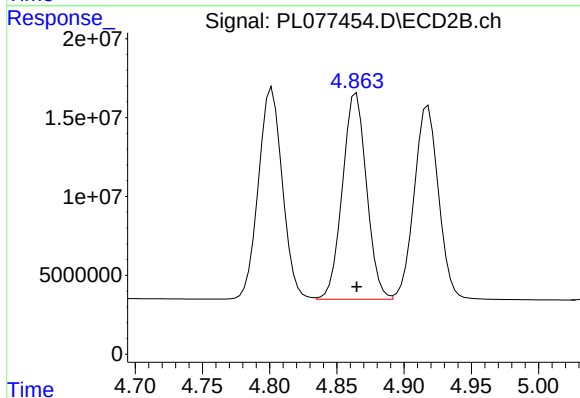
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 166090357  
Conc: 543.94 ng/ml



#26 Chlordane-4

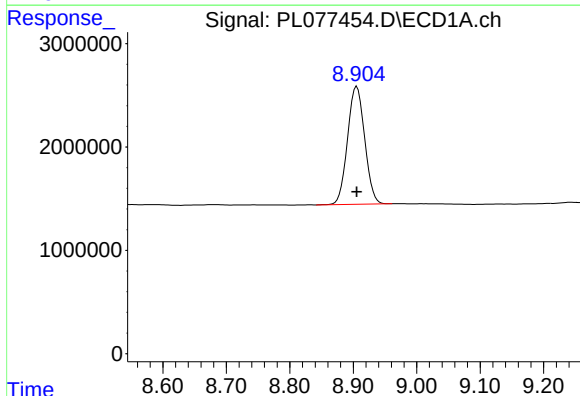
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 74023682  
Conc: 340.31 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



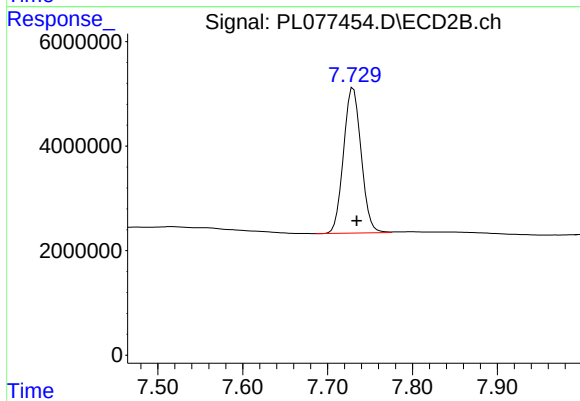
#26 Chlordane-4

R.T.: 4.864 min  
Delta R.T.: 0.000 min  
Response: 162566678  
Conc: 513.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min  
Delta R.T.: 0.000 min  
Response: 21365323  
Conc: 18.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.730 min  
Delta R.T.: -0.004 min  
Response: 40067386  
Conc: 14.36 ng/ml