

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091322\  
 Data File : PL077708.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2022 14:18  
 Operator : AR\AJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 01:39:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 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  | 2.624  | 77139615 | 176.6E6  | 48.122  | 59.491   |
| 28)                         | SA Decachlor... | 8.915  | 7.729  | 61605332 | 113.7E6  | 47.666  | 45.280   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.889  | 3.102f | 2231377  | 597313   | 0.940   | 0.132 #  |
| 3)                          | MA gamma-BHC... | 4.240f | 0.000  | 807076   | 0        | 0.365   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.799  | 3.774  | 41159313 | 80917852 | 18.590  | 20.431   |
| 5)                          | MB Aldrin       | 5.117f | 4.069f | 31844548 | 6798632  | 16.023  | 1.792 #  |
| 6)                          | B beta-BHC      | 4.443  | 3.736  | 2085647  | 28185    | 2.146   | 0.017 #  |
| 7)                          | B delta-BHC     | 4.679  | 3.957  | 967953   | 7192006  | 0.471   | 1.772 #  |
| 8)                          | A Heptachlo...  | 5.561  | 0.000  | 23345582 | 0        | 13.392  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.956  | 4.907  | 332344   | 17608543 | 0.206   | 5.581 #  |
| 10)                         | B gamma-Chl...  | 5.829  | 4.798  | 122.0E6  | 166.2E6  | 69.675  | 48.755 # |
| 11)                         | B alpha-Chl...  | 5.907  | 4.859  | 145.5E6  | 176.2E6  | 84.227  | 53.197 # |
| 12)                         | B 4,4'-DDE      | 6.068  | 5.080f | 792717   | 777479   | 0.498   | 0.239 #  |
| 13)                         | MA Dieldrin     | 6.230  | 5.158f | 6884033  | 5720717  | 4.265   | 1.725 #  |
| 14)                         | MA Endrin       | 6.489f | 5.469f | 709611   | 14227855 | 0.513   | 4.990 #  |
| 15)                         | B Endosulfa...  | 6.704  | 5.749  | 1430018  | 50470449 | 1.035   | 19.153 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.853  | 0        | 90707    | N.D.    | 0.034 #  |
| 18)                         | B Endrin al...  | 6.812  | 5.936  | 239476   | 564237   | 0.226   | 0.273    |
| 19)                         | B Endosulfa...  | 0.000  | 6.155  | 0        | 2157822  | N.D.    | 0.802 #  |
| 21)                         | B Endrin ke...  | 7.564f | 0.000  | 1143354  | 0        | 0.827   | N.D. #   |
| 23)                         | Chlordane-1     | 4.583  | 3.602  | 31652183 | 53723240 | 509.137 | 494.400  |
| 24)                         | Chlordane-2     | 5.117  | 4.173  | 31844548 | 56426062 | 477.613 | 471.043  |
| 25)                         | Chlordane-3     | 5.829  | 4.798  | 122.0E6  | 166.2E6  | 495.377 | 483.079  |
| 26)                         | Chlordane-4     | 5.907  | 4.859  | 145.5E6  | 176.2E6  | 488.918 | 485.557  |
| 27)                         | Chlordane-5     | 6.766  | 5.524  | 23880326 | 45944826 | 480.845 | 488.295  |
| -----                       |                 |        |        |          |          |         |          |

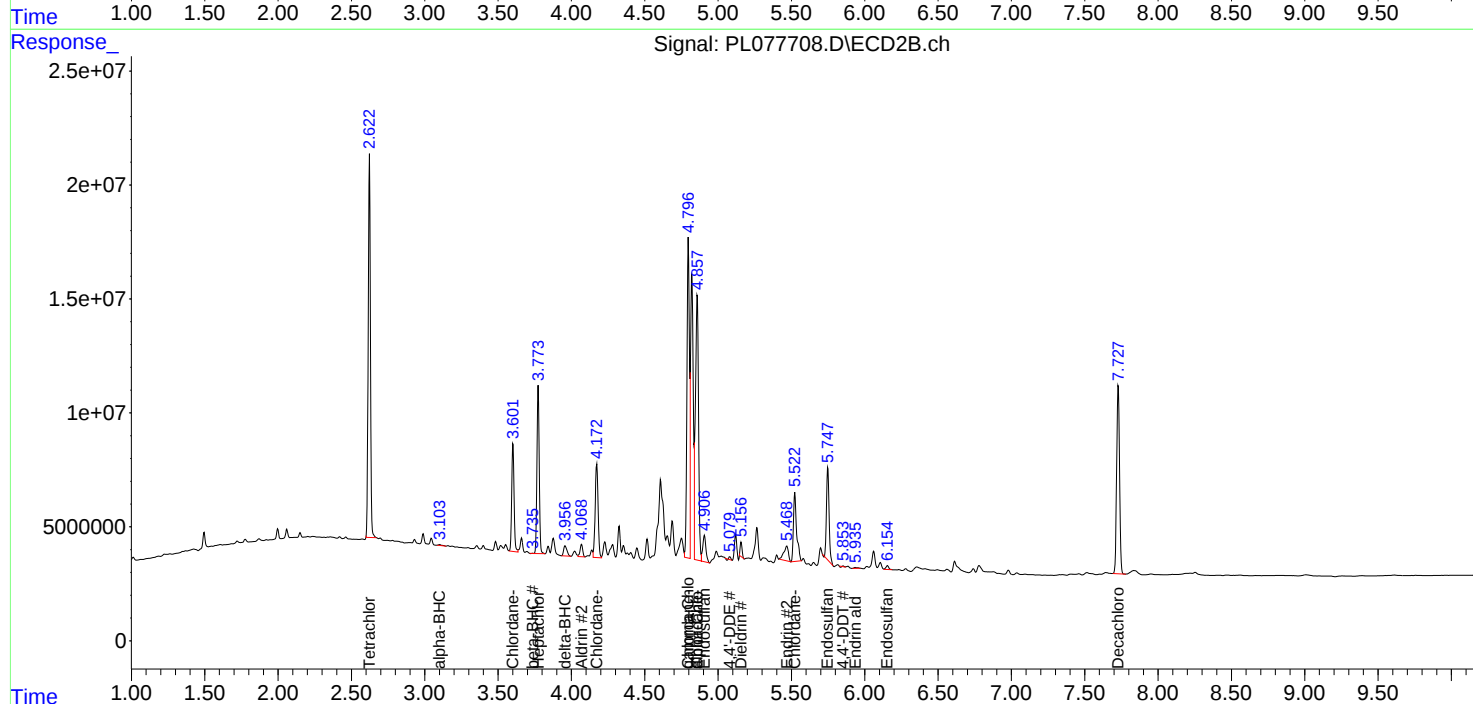
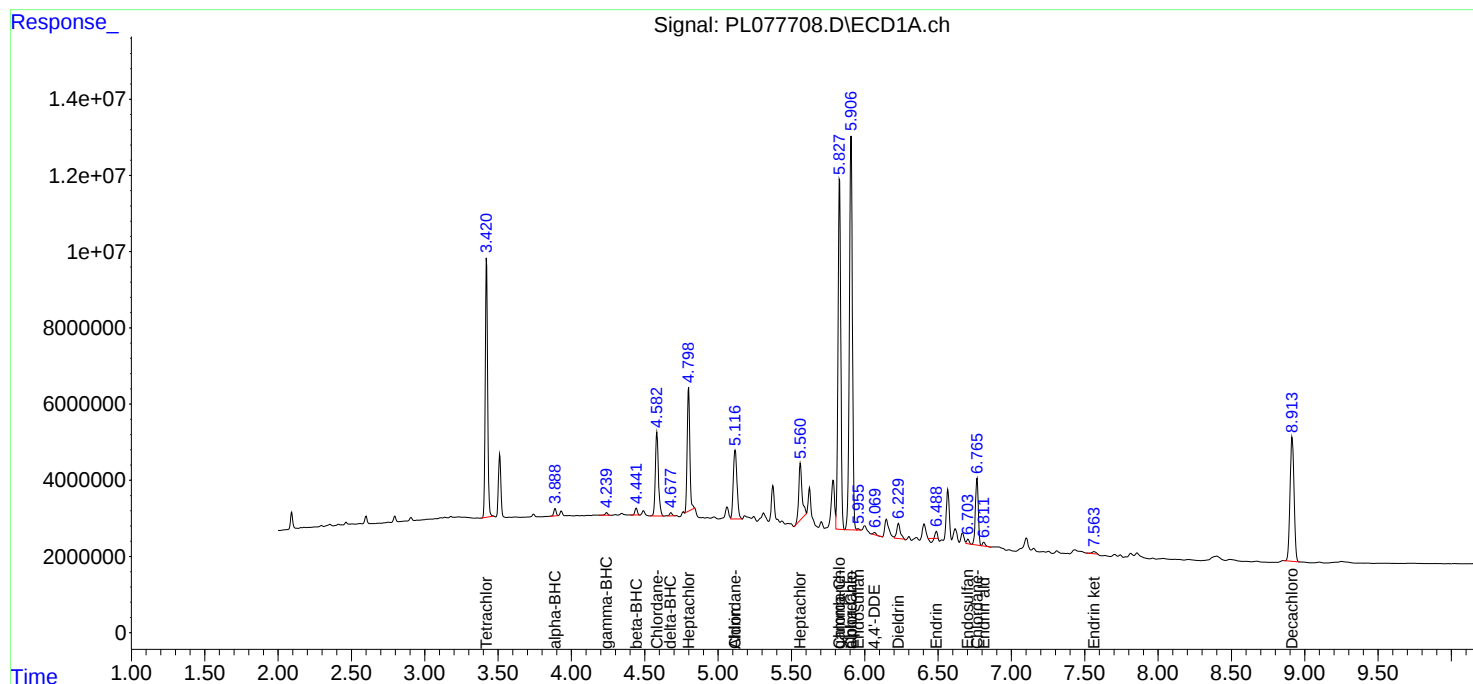
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

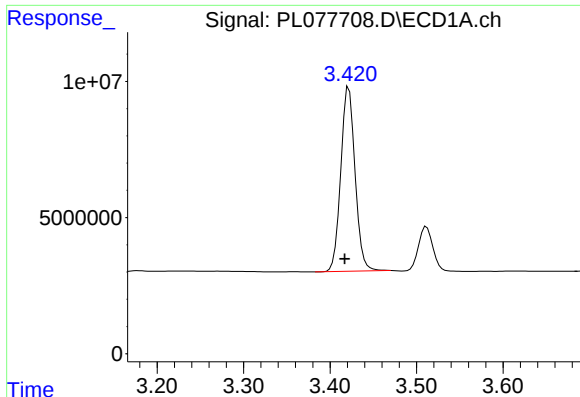
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091322\  
Data File : PL077708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2022 14:18  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 01:39:41 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 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

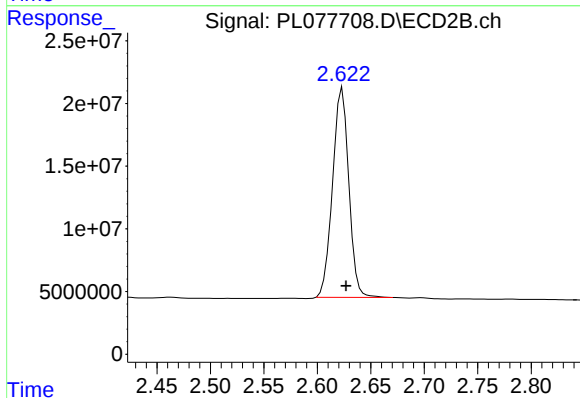




#1 Tetrachloro-m-xylene

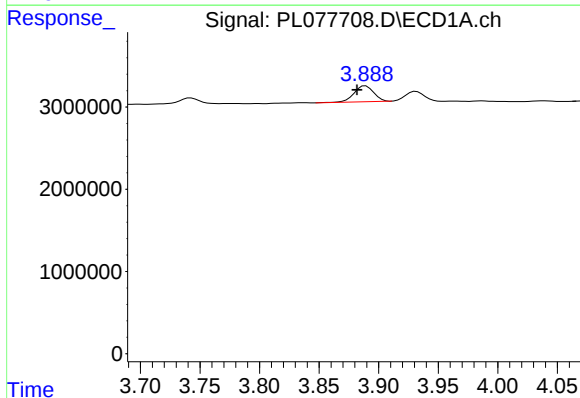
R.T.: 3.422 min  
Delta R.T.: 0.005 min  
Response: 77139615  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



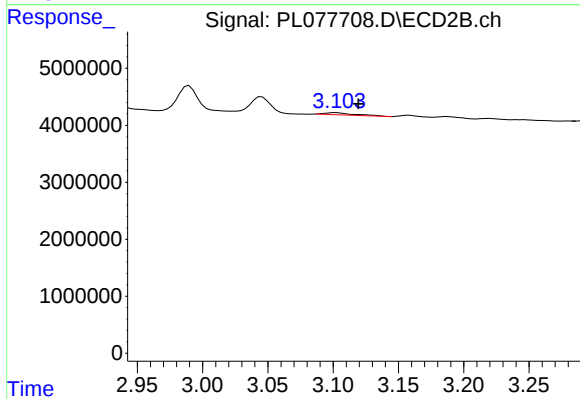
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.003 min  
Response: 176613150  
Conc: 59.49 ng/ml



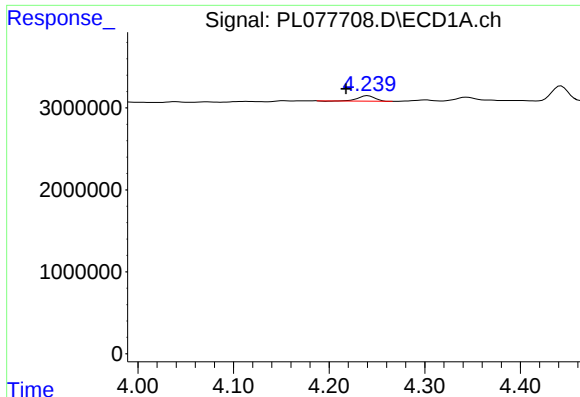
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.007 min  
Response: 2231377  
Conc: 0.94 ng/ml



#2 alpha-BHC

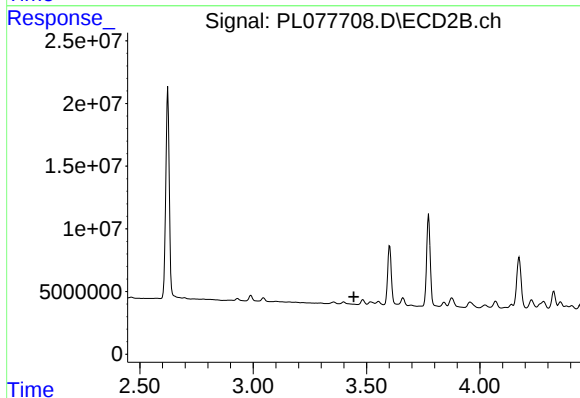
R.T.: 3.102 min  
Delta R.T.: -0.017 min  
Response: 597313  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

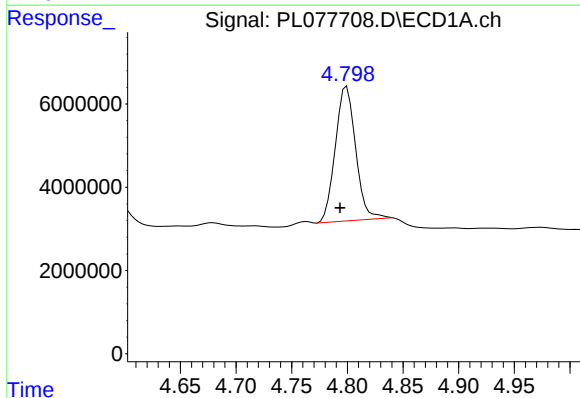
R.T.: 4.240 min  
Delta R.T.: 0.023 min  
Response: 807076  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



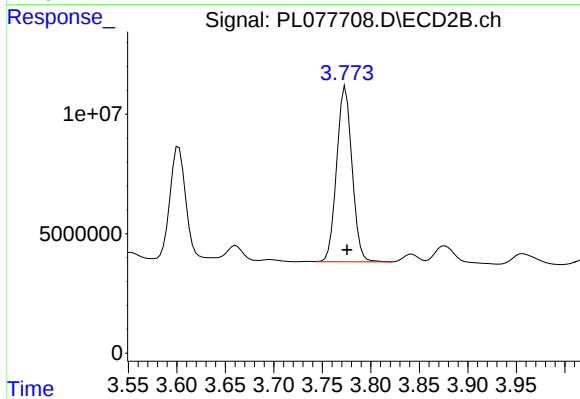
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.443 min  
Response: 0  
Conc: N.D.



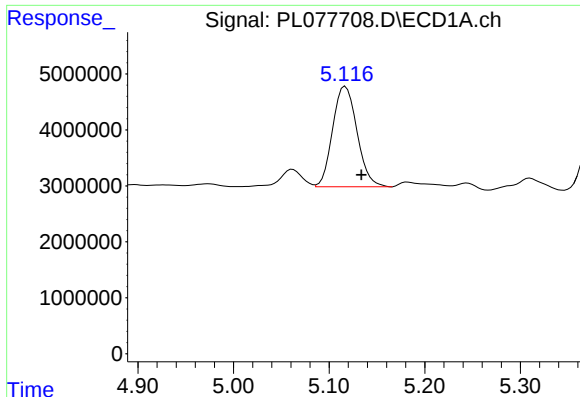
#4 Heptachlor

R.T.: 4.799 min  
Delta R.T.: 0.006 min  
Response: 41159313  
Conc: 18.59 ng/ml



#4 Heptachlor

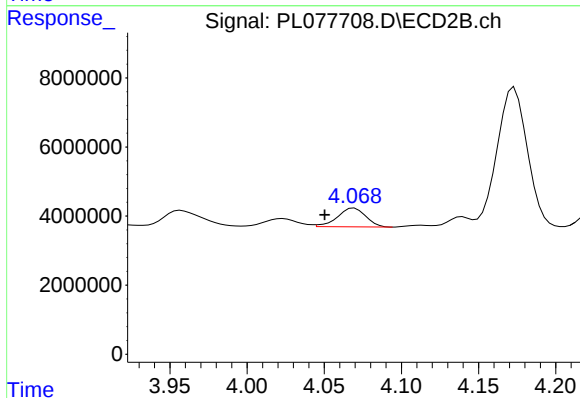
R.T.: 3.774 min  
Delta R.T.: -0.002 min  
Response: 80917852  
Conc: 20.43 ng/ml



#5 Aldrin

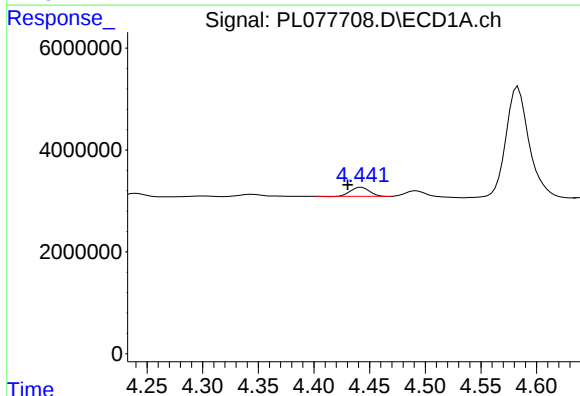
R.T.: 5.117 min  
Delta R.T.: -0.017 min  
Response: 31844548  
Conc: 16.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



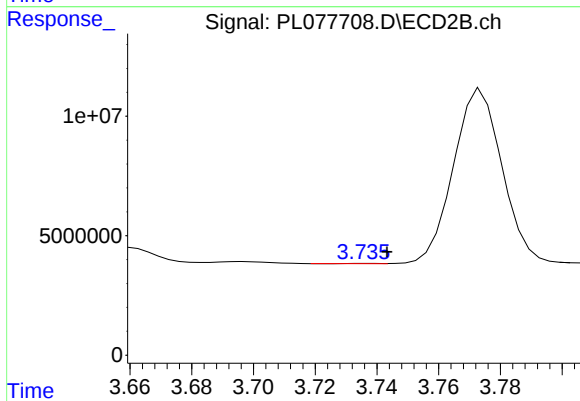
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.019 min  
Response: 6798632  
Conc: 1.79 ng/ml



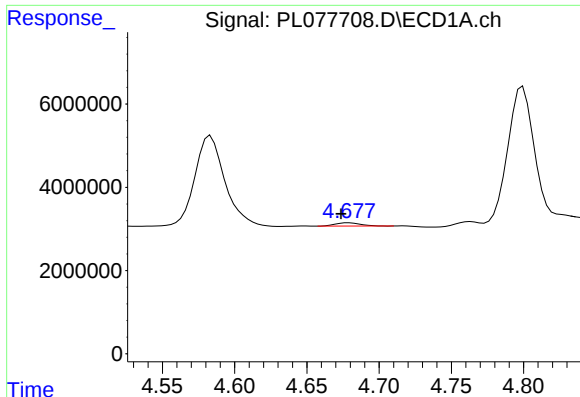
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.012 min  
Response: 2085647  
Conc: 2.15 ng/ml



#6 beta-BHC

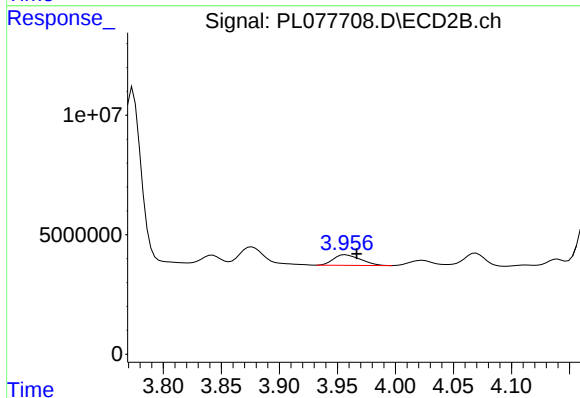
R.T.: 3.736 min  
Delta R.T.: -0.007 min  
Response: 28185  
Conc: 0.02 ng/ml



#7 delta-BHC

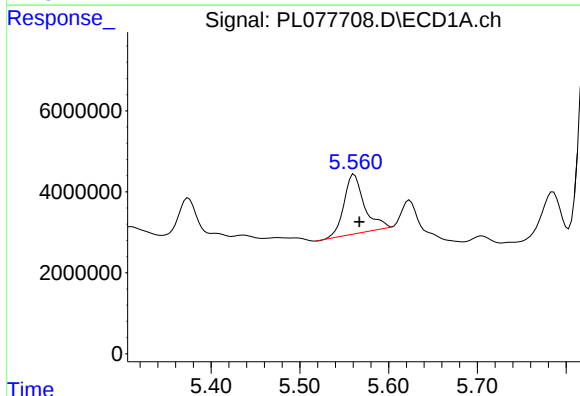
R.T.: 4.679 min  
Delta R.T.: 0.005 min  
Response: 967953  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



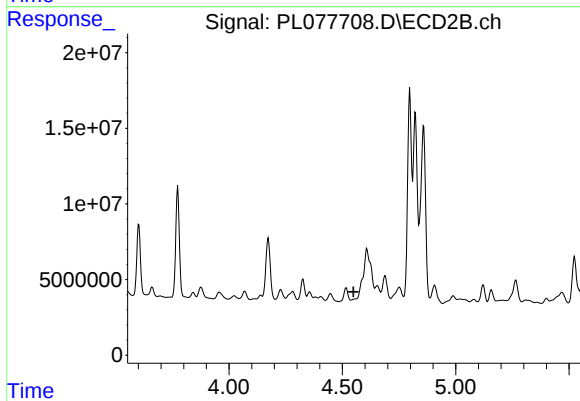
#7 delta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.009 min  
Response: 7192006  
Conc: 1.77 ng/ml



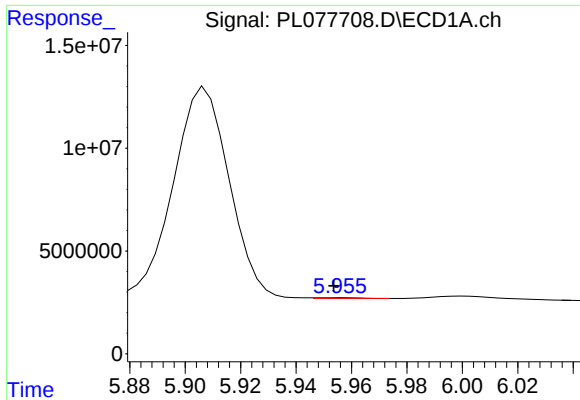
#8 Heptachlor epoxide

R.T.: 5.561 min  
Delta R.T.: -0.006 min  
Response: 23345582  
Conc: 13.39 ng/ml



#8 Heptachlor epoxide

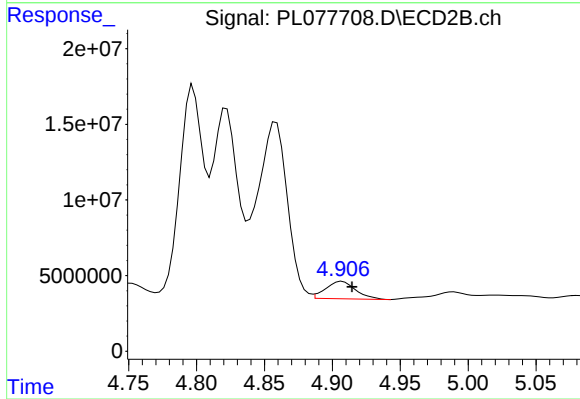
R.T.: 0.000 min  
Exp R.T. : 4.549 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

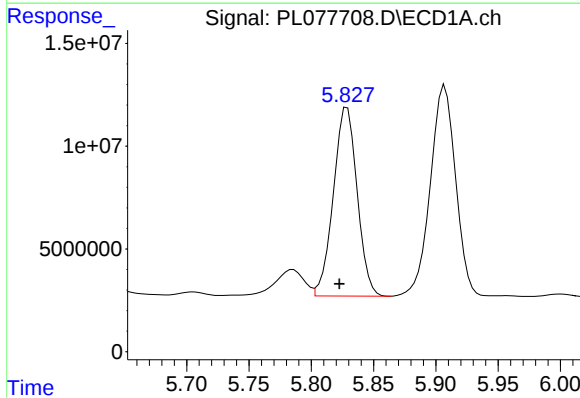
R.T.: 5.956 min  
Delta R.T.: 0.003 min  
Response: 332344  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



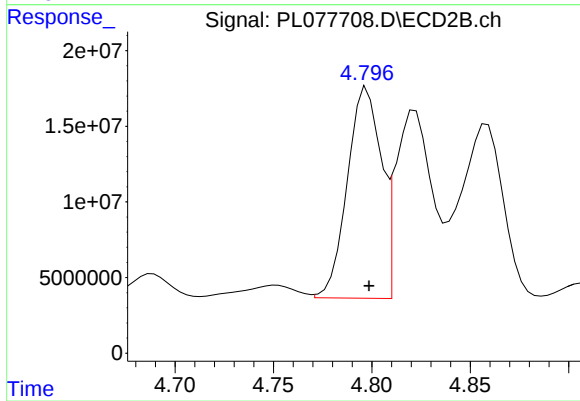
#9 Endosulfan I

R.T.: 4.907 min  
Delta R.T.: -0.007 min  
Response: 17608543  
Conc: 5.58 ng/ml



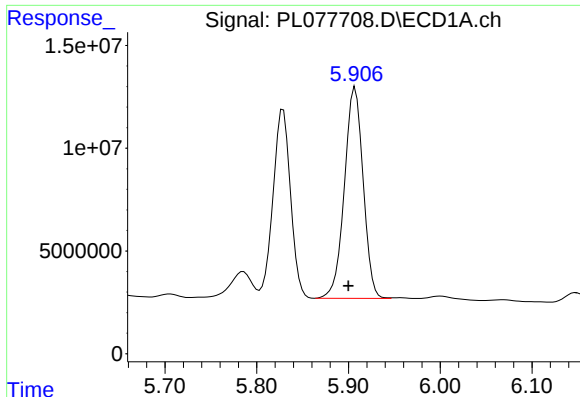
#10 gamma-Chlordane

R.T.: 5.829 min  
Delta R.T.: 0.006 min  
Response: 121992610  
Conc: 69.67 ng/ml



#10 gamma-Chlordane

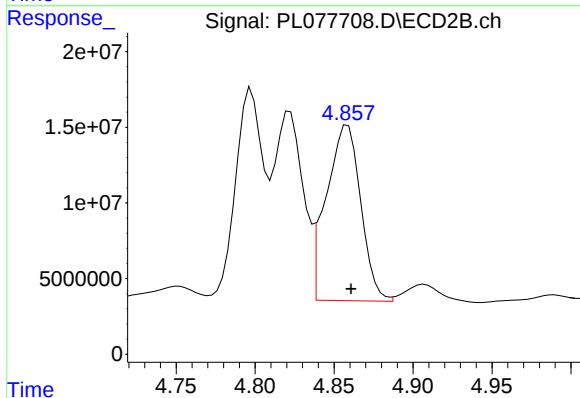
R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 166173236  
Conc: 48.76 ng/ml



#11 alpha-Chlordane

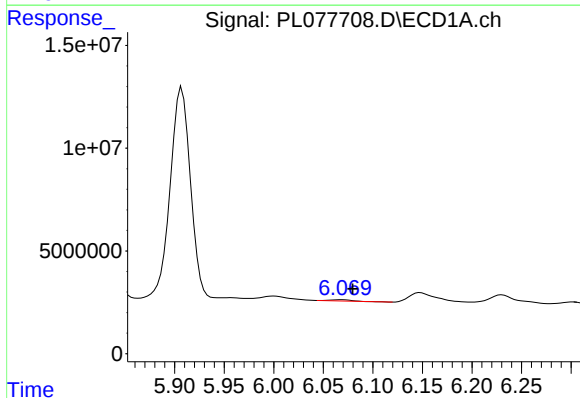
R.T.: 5.907 min  
Delta R.T.: 0.007 min  
Response: 145487550  
Conc: 84.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



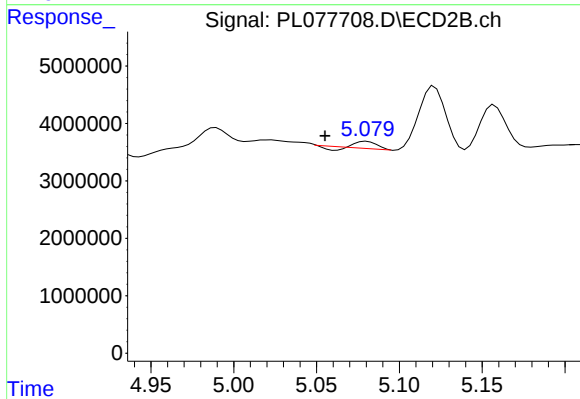
#11 alpha-Chlordane

R.T.: 4.859 min  
Delta R.T.: -0.002 min  
Response: 176168849  
Conc: 53.20 ng/ml



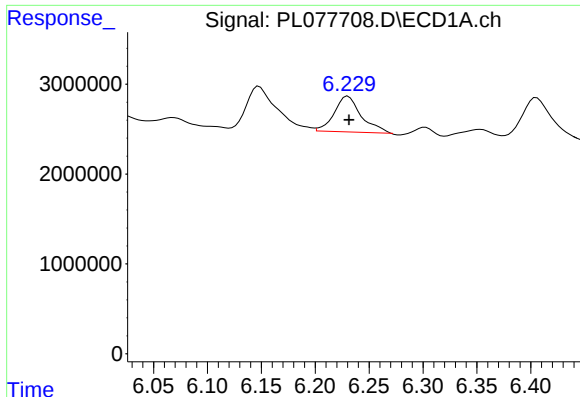
#12 4,4'-DDE

R.T.: 6.068 min  
Delta R.T.: -0.011 min  
Response: 792717  
Conc: 0.50 ng/ml



#12 4,4'-DDE

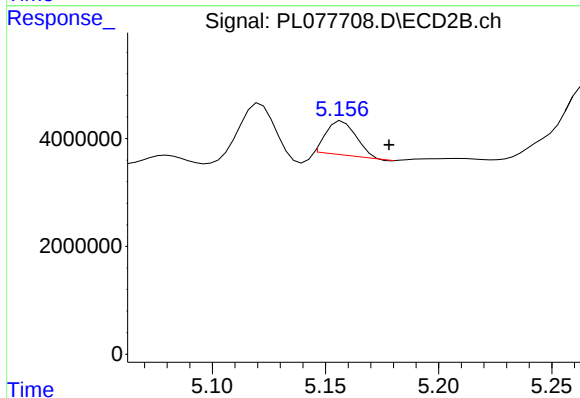
R.T.: 5.080 min  
Delta R.T.: 0.025 min  
Response: 777479  
Conc: 0.24 ng/ml



#13 Dieldrin

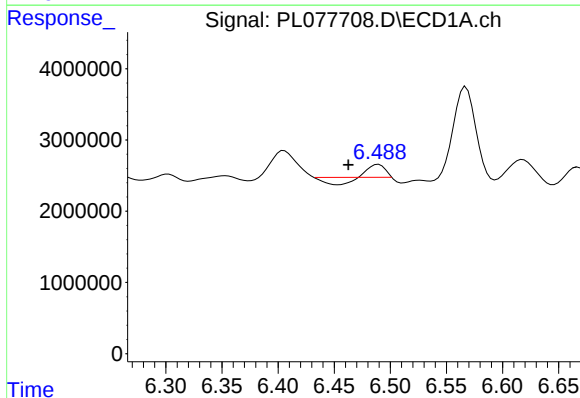
R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 6884033  
Conc: 4.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



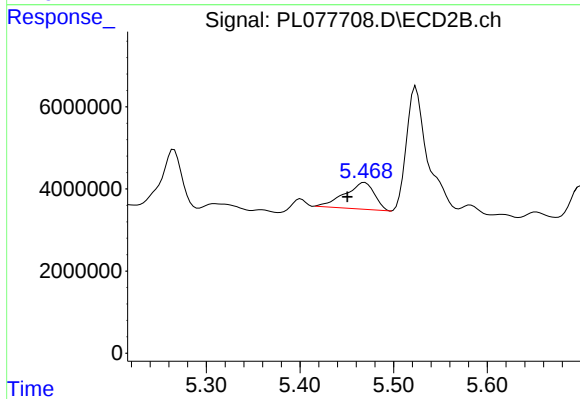
#13 Dieldrin

R.T.: 5.158 min  
Delta R.T.: -0.021 min  
Response: 5720717  
Conc: 1.73 ng/ml



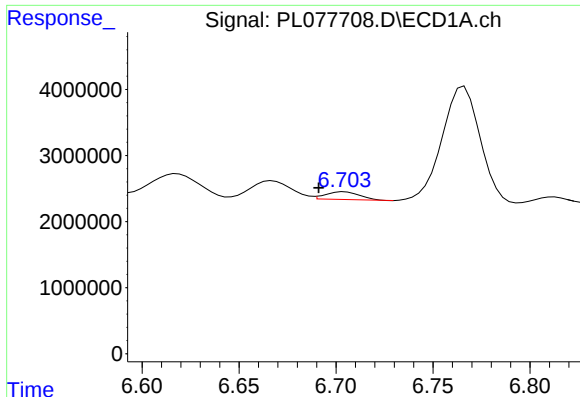
#14 Endrin

R.T.: 6.489 min  
Delta R.T.: 0.027 min  
Response: 709611  
Conc: 0.51 ng/ml



#14 Endrin

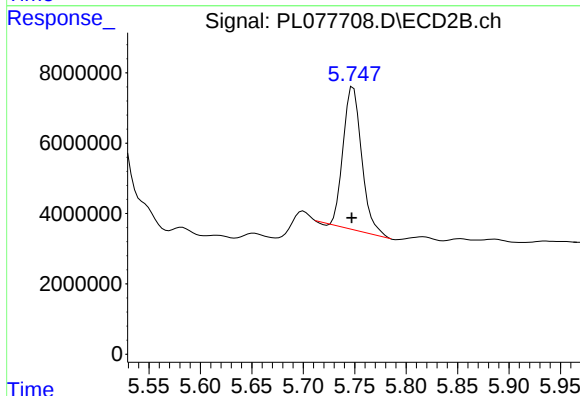
R.T.: 5.469 min  
Delta R.T.: 0.019 min  
Response: 14227855  
Conc: 4.99 ng/ml



#15 Endosulfan II

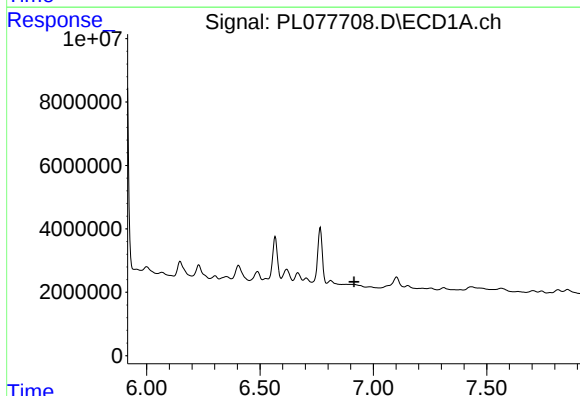
R.T.: 6.704 min  
Delta R.T.: 0.013 min  
Response: 1430018  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



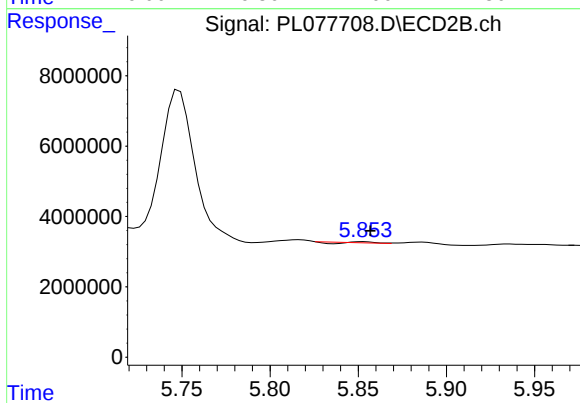
#15 Endosulfan II

R.T.: 5.749 min  
Delta R.T.: 0.001 min  
Response: 50470449  
Conc: 19.15 ng/ml



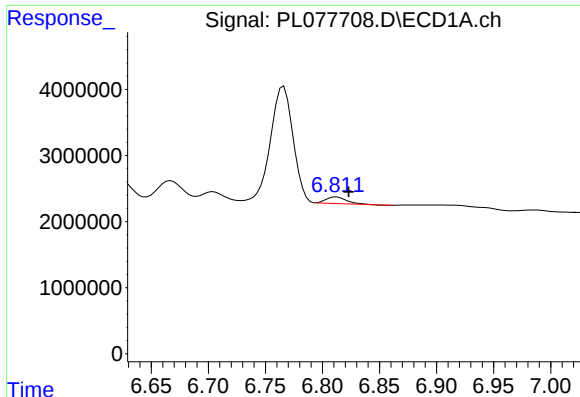
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.915 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

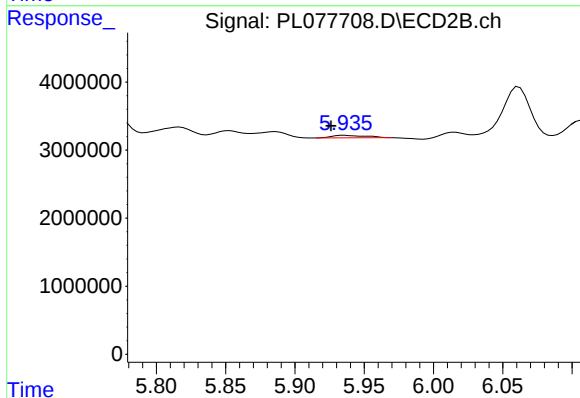
R.T.: 5.853 min  
Delta R.T.: -0.004 min  
Response: 90707  
Conc: 0.03 ng/ml



#18 Endrin aldehyde

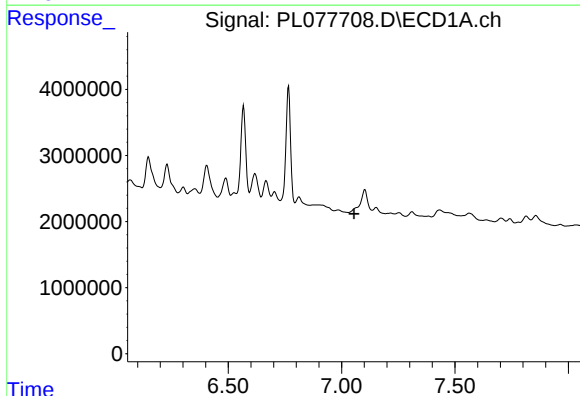
R.T.: 6.812 min  
Delta R.T.: -0.011 min  
Response: 239476  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



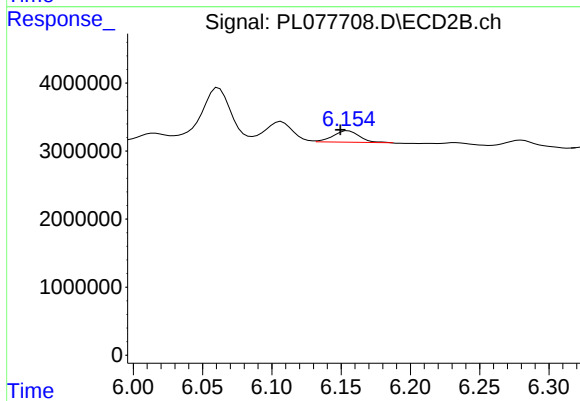
#18 Endrin aldehyde

R.T.: 5.936 min  
Delta R.T.: 0.010 min  
Response: 564237  
Conc: 0.27 ng/ml



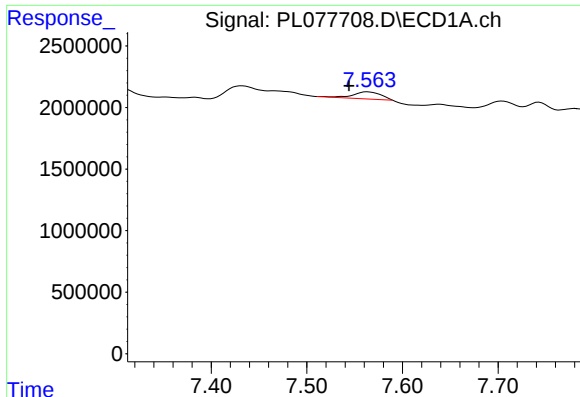
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.055 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

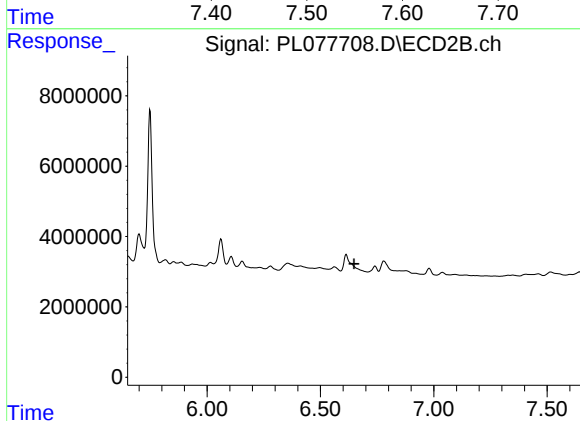
R.T.: 6.155 min  
Delta R.T.: 0.006 min  
Response: 2157822  
Conc: 0.80 ng/ml



#21 Endrin ketone

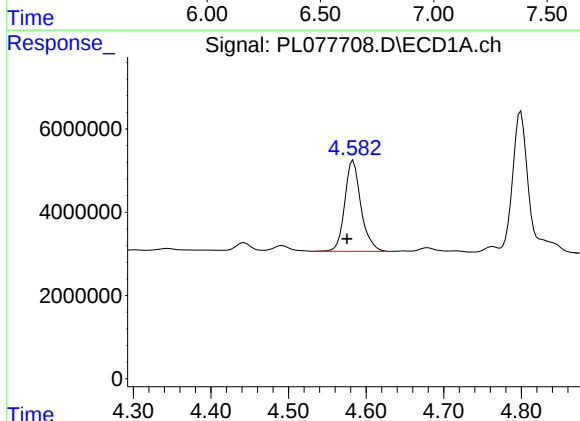
R.T.: 7.564 min  
Delta R.T.: 0.019 min  
Response: 1143354  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



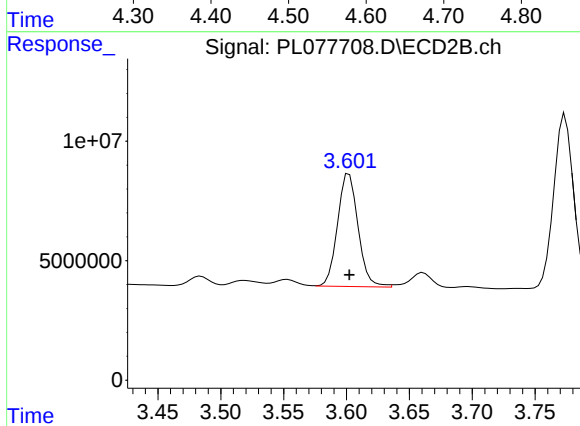
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



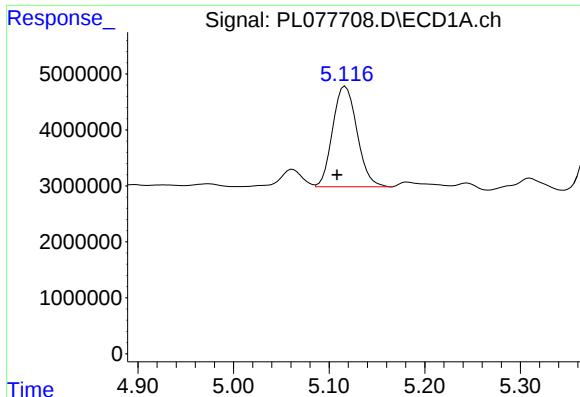
#23 Chlordane-1

R.T.: 4.583 min  
Delta R.T.: 0.008 min  
Response: 31652183  
Conc: 509.14 ng/ml



#23 Chlordane-1

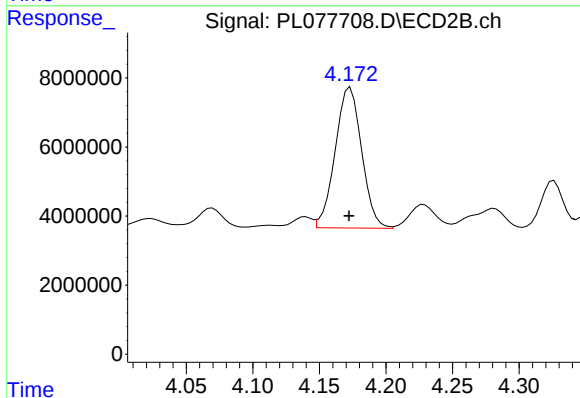
R.T.: 3.602 min  
Delta R.T.: 0.000 min  
Response: 53723240  
Conc: 494.40 ng/ml



#24 Chlordane-2

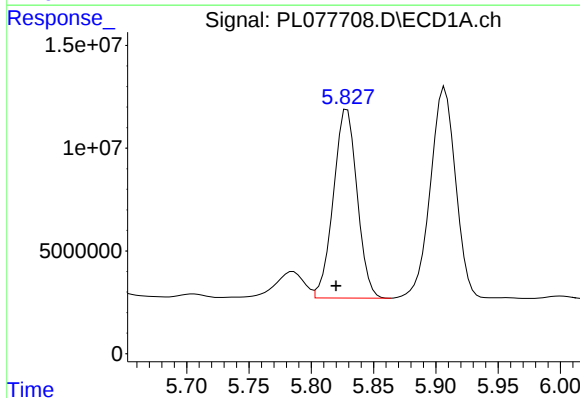
R.T.: 5.117 min  
Delta R.T.: 0.009 min  
Response: 31844548  
Conc: 477.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



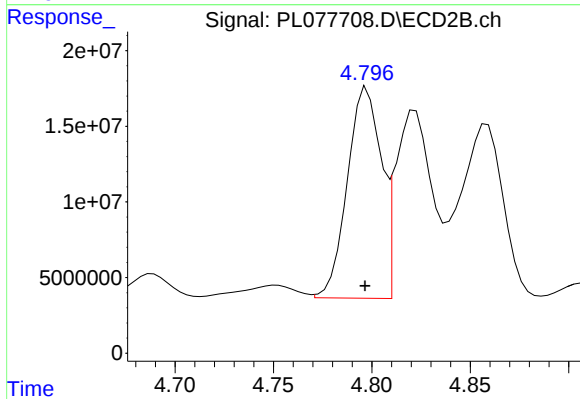
#24 Chlordane-2

R.T.: 4.173 min  
Delta R.T.: 0.000 min  
Response: 56426062  
Conc: 471.04 ng/ml



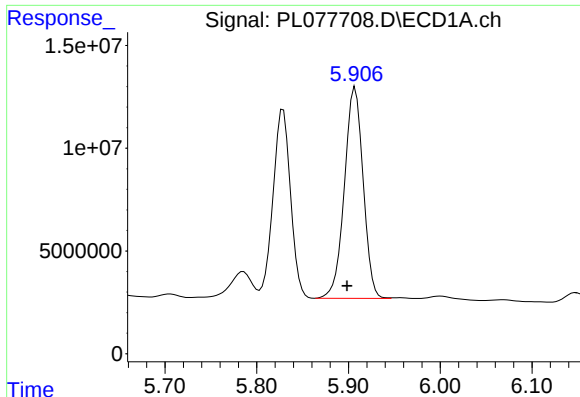
#25 Chlordane-3

R.T.: 5.829 min  
Delta R.T.: 0.009 min  
Response: 121992610  
Conc: 495.38 ng/ml



#25 Chlordane-3

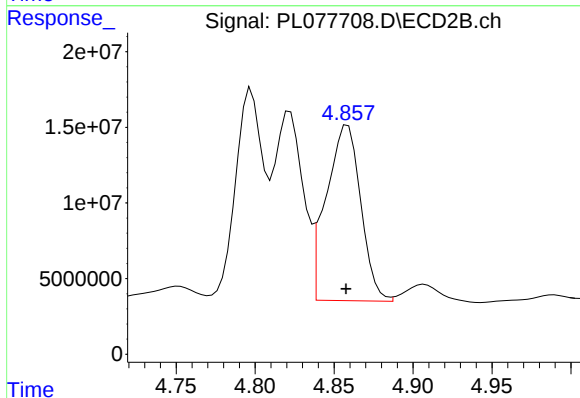
R.T.: 4.798 min  
Delta R.T.: 0.001 min  
Response: 166173236  
Conc: 483.08 ng/ml



#26 Chlordane-4

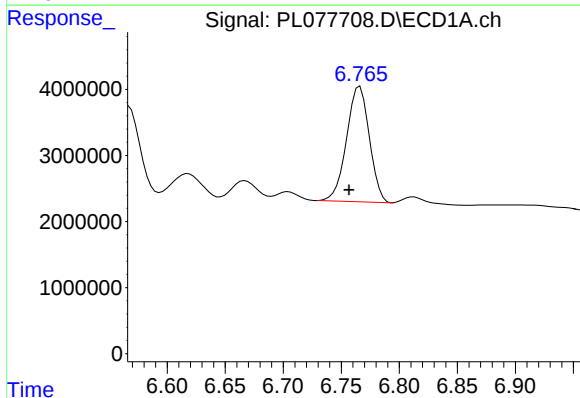
R.T.: 5.907 min  
Delta R.T.: 0.009 min  
Response: 145487550  
Conc: 488.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



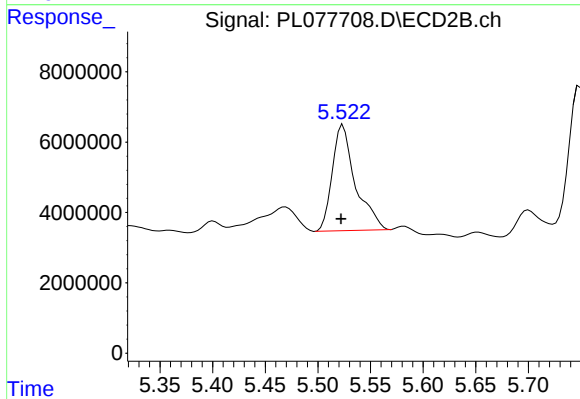
#26 Chlordane-4

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 176168849  
Conc: 485.56 ng/ml



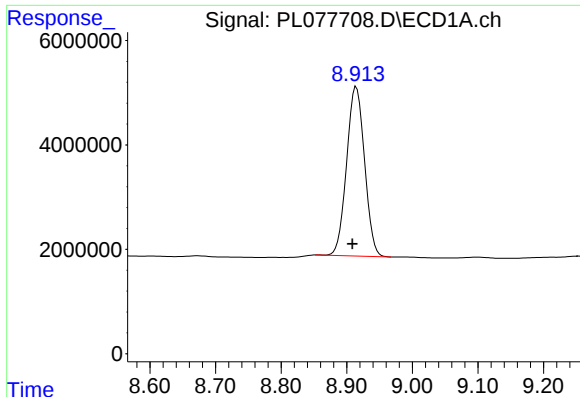
#27 Chlordane-5

R.T.: 6.766 min  
Delta R.T.: 0.009 min  
Response: 23880326  
Conc: 480.84 ng/ml



#27 Chlordane-5

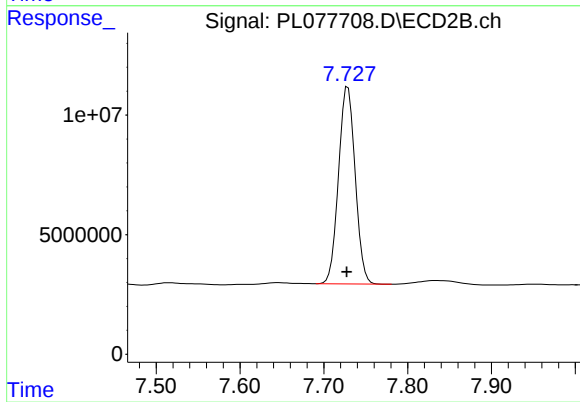
R.T.: 5.524 min  
Delta R.T.: 0.002 min  
Response: 45944826  
Conc: 488.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.915 min  
Delta R.T.: 0.006 min  
Response: 61605332  
Conc: 47.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.729 min  
Delta R.T.: 0.001 min  
Response: 113662212  
Conc: 45.28 ng/ml