

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073022\  
 Data File : PL076762.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2022 11:31  
 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 01:48:19 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... | 3.423  | 2.643  | 57181902 | 139.0E6  | 55.407   | 46.863    |
| 28)                         | SA Decachlor... | 8.917  | 7.753  | 45291727 | 114.5E6  | 51.354   | 44.614    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.887  | 3.136  | 80798898 | 200.4E6  | 56.026   | 47.993    |
| 3)                          | MA gamma-BHC... | 4.223  | 3.461  | 74919374 | 181.6E6  | 55.487   | 47.638    |
| 4)                          | MA Heptachlor   | 4.800  | 3.795  | 71768289 | 173.0E6  | 53.478   | 45.807    |
| 5)                          | MB Aldrin       | 5.140  | 4.070  | 66101931 | 162.8E6  | 55.034   | 46.269    |
| 6)                          | B beta-BHC      | 4.434  | 3.759  | 32514124 | 78185466 | 54.486   | 46.109    |
| 7)                          | B delta-BHC     | 4.679  | 3.984  | 59275046 | 182.0E6  | 53.476   | 47.720    |
| 8)                          | B Heptachlo...  | 5.573  | 4.570  | 61439047 | 145.5E6  | 55.099   | 45.866    |
| 9)                          | A Endosulfan I  | 5.959  | 4.936  | 56268092 | 133.4E6  | 54.466   | 46.100    |
| 10)                         | B gamma-Chl...  | 5.829  | 4.819  | 61048983 | 147.1E6  | 55.060   | 45.970    |
| 11)                         | B alpha-Chl...  | 5.906  | 4.882  | 60579699 | 144.2E6  | 54.757   | 46.201    |
| 12)                         | B 4,4'-DDE      | 6.085  | 5.076  | 54551617 | 138.3E6  | 55.578   | 46.523    |
| 13)                         | MA Dieldrin     | 6.237  | 5.199  | 57326474 | 140.3E6  | 54.469   | 45.204    |
| 14)                         | MA Endrin       | 6.469  | 5.473  | 46846152 | 107.9E6  | 48.768   | 42.975    |
| 15)                         | B Endosulfa...  | 6.697  | 5.768  | 47815119 | 112.7E6  | 53.275   | 47.017    |
| 16)                         | A 4,4'-DDD      | 6.610  | 5.630  | 47269781 | 115.9E6  | 56.702   | 48.914    |
| 17)                         | MA 4,4'-DDT     | 6.921  | 5.879  | 43946337 | 102.3E6  | 48.360   | 42.588    |
| 18)                         | B Endrin al...  | 6.828  | 5.948  | 39349812 | 87080220 | 53.975   | 46.220    |
| 19)                         | B Endosulfa...  | 7.061  | 6.170  | 48366227 | 113.3E6  | 53.782   | 46.047    |
| 20)                         | A Methoxychlor  | 7.402  | 6.457  | 24264699 | 53683762 | 47.952   | 41.046    |
| 21)                         | B Endrin ke...  | 7.550  | 6.672  | 54509779 | 127.3E6  | 53.305   | 46.886    |
| 22)                         | Mirex           | 8.010  | 6.849  | 39830425 | 90495699 | 51.494   | 45.125    |
| 23)                         | Chlordane-1     | 0.000  | 3.637f | 0        | 246553   | N.D.     | 2.729 #   |
| 24)                         | Chlordane-2     | 5.140f | 4.181  | 66101931 | -78283   | 1805.151 | N.D. #    |
| 25)                         | Chlordane-3     | 5.829  | 4.819  | 61048983 | 147.1E6  | 440.630  | 519.698   |
| 26)                         | Chlordane-4     | 5.906  | 4.882  | 60579699 | 144.2E6  | 353.251  | 485.703 # |
| 27)                         | Chlordane-5     | 0.000  | 5.547  | 0        | 153660   | N.D.     | 1.919 #   |
| -----                       |                 |        |        |          |          |          |           |

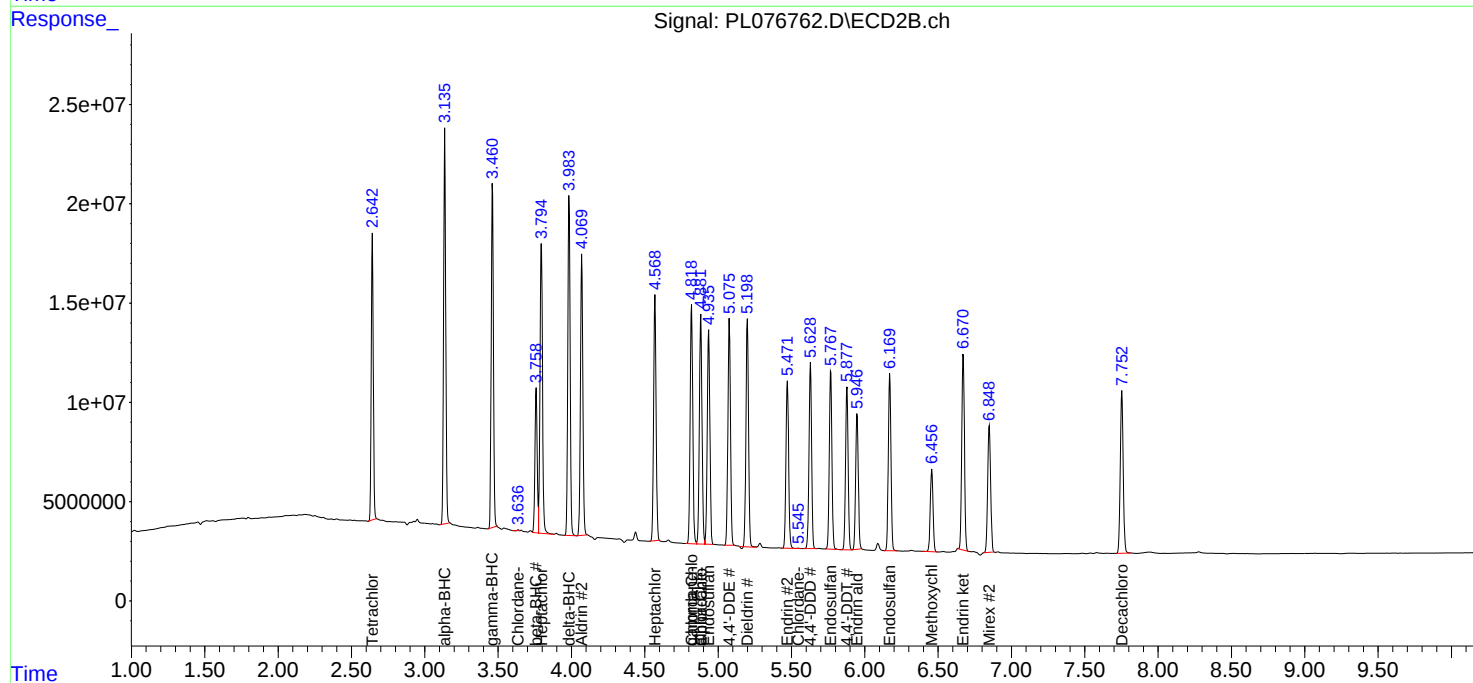
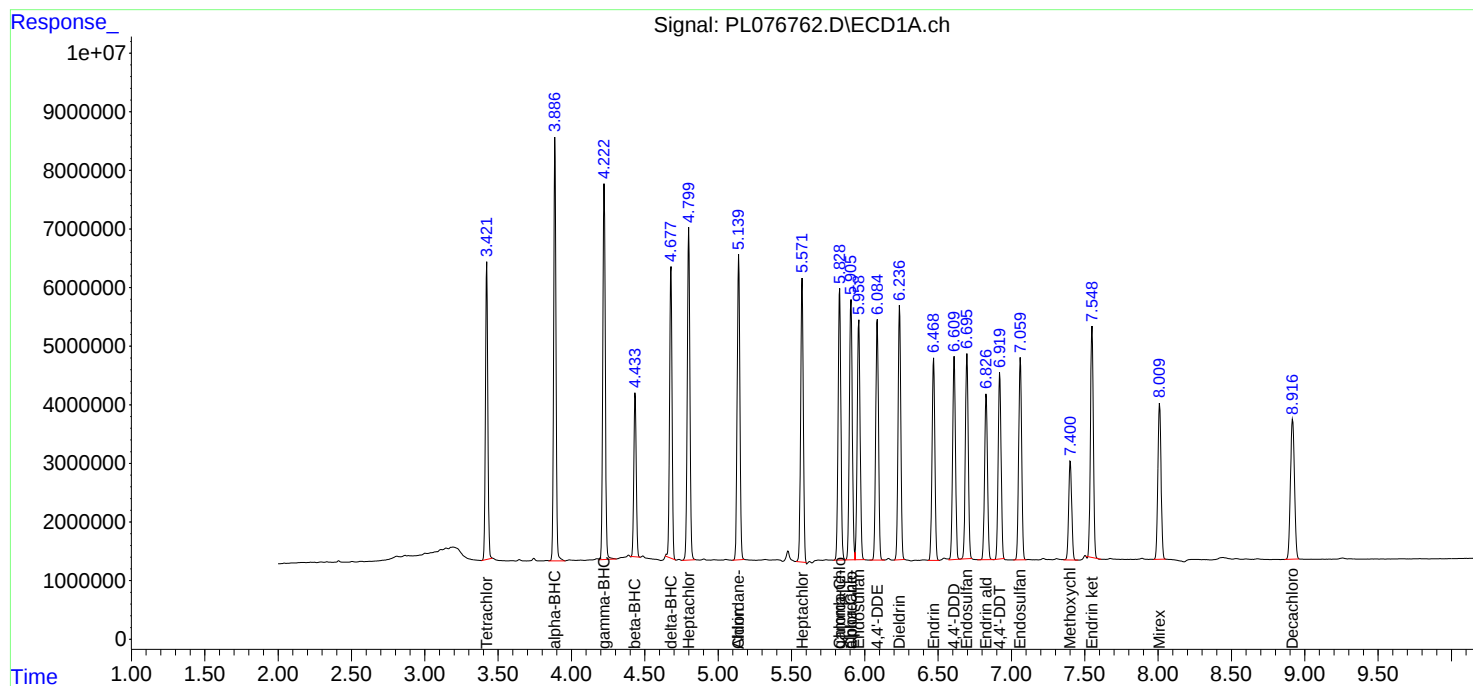
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

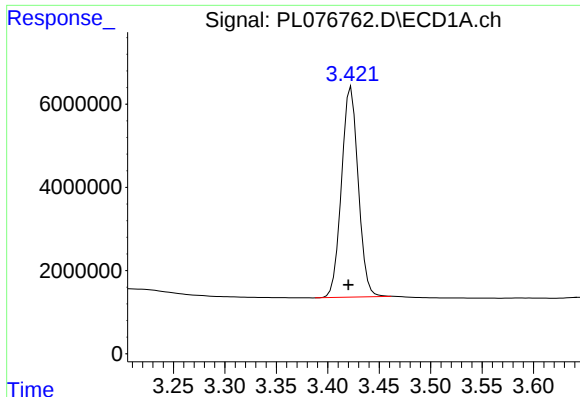
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073022\  
Data File : PL076762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2022 11:31  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 01:48:19 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

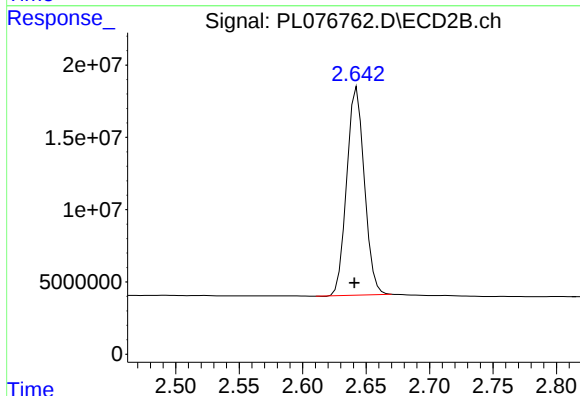




#1 Tetrachloro-m-xylene

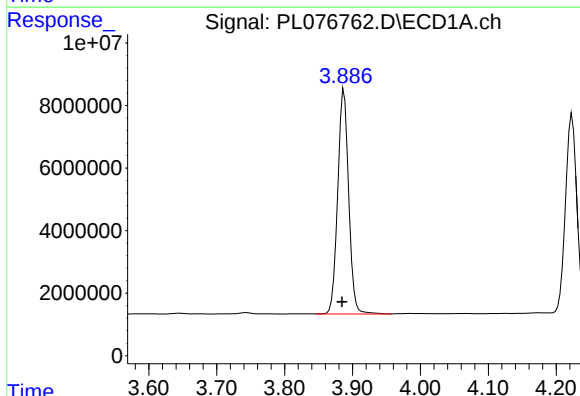
R.T.: 3.423 min  
Delta R.T.: 0.003 min  
Response: 57181902  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



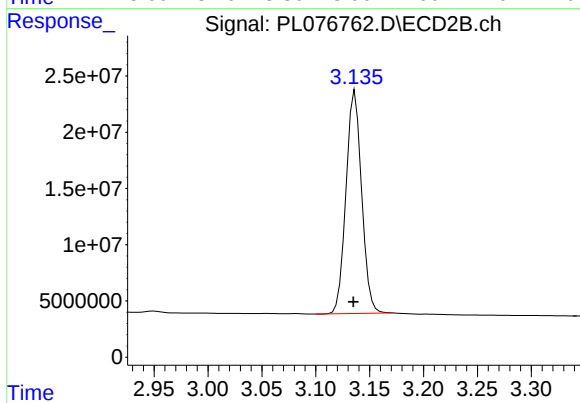
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: 0.002 min  
Response: 139007958  
Conc: 46.86 ng/ml



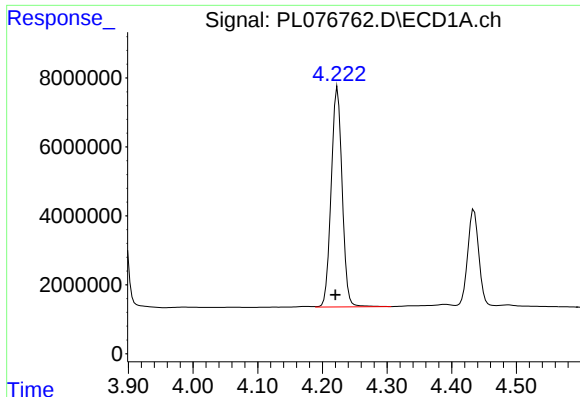
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.003 min  
Response: 80798898  
Conc: 56.03 ng/ml



#2 alpha-BHC

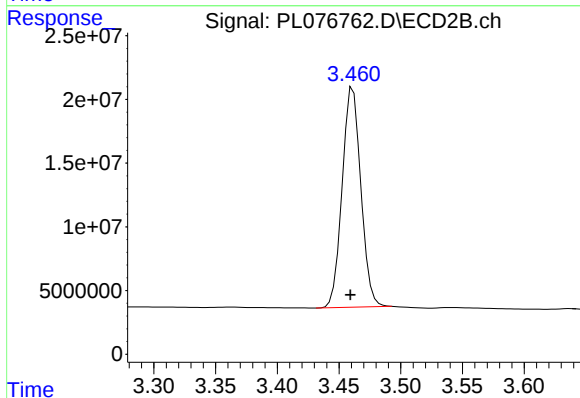
R.T.: 3.136 min  
Delta R.T.: 0.002 min  
Response: 200378542  
Conc: 47.99 ng/ml



#3 gamma-BHC (Lindane)

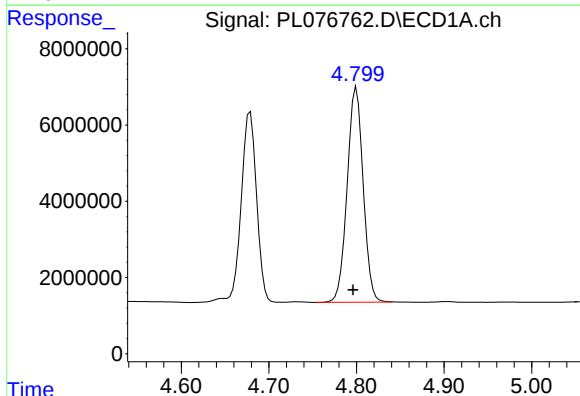
R.T.: 4.223 min  
Delta R.T.: 0.003 min  
Response: 74919374  
Conc: 55.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



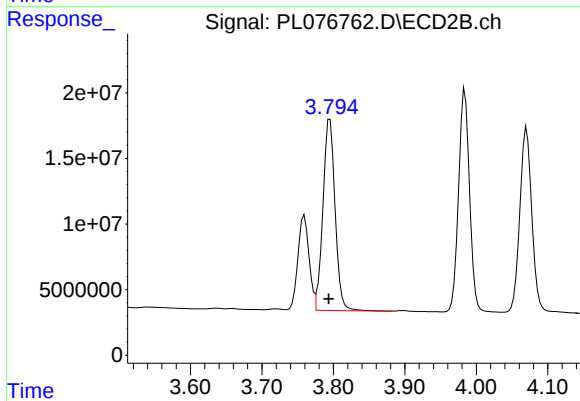
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: 0.002 min  
Response: 181567179  
Conc: 47.64 ng/ml



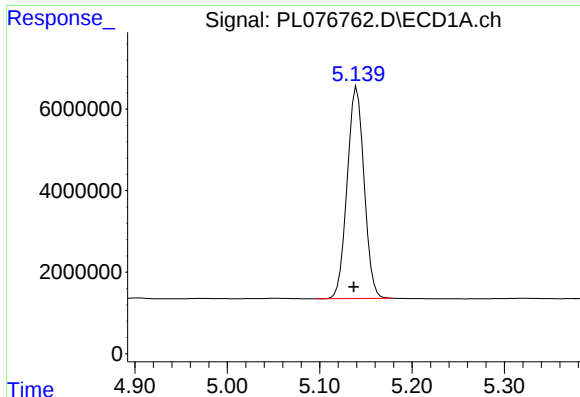
#4 Heptachlor

R.T.: 4.800 min  
Delta R.T.: 0.004 min  
Response: 71768289  
Conc: 53.48 ng/ml



#4 Heptachlor

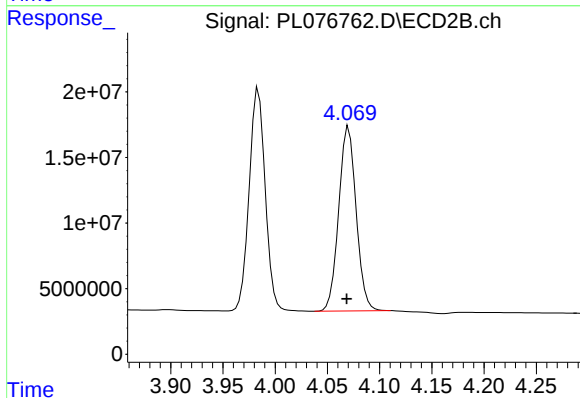
R.T.: 3.795 min  
Delta R.T.: 0.002 min  
Response: 172960168  
Conc: 45.81 ng/ml



#5 Aldrin

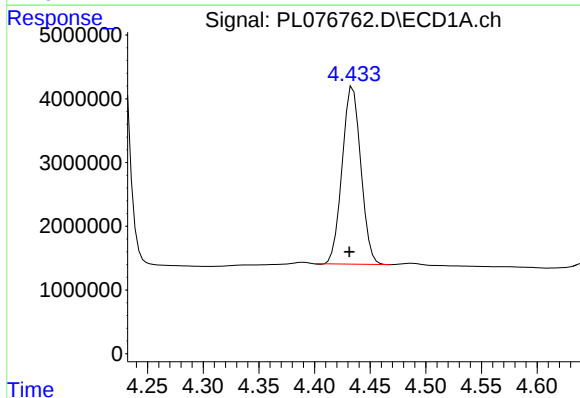
R.T.: 5.140 min  
Delta R.T.: 0.003 min  
Response: 66101931  
Conc: 55.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



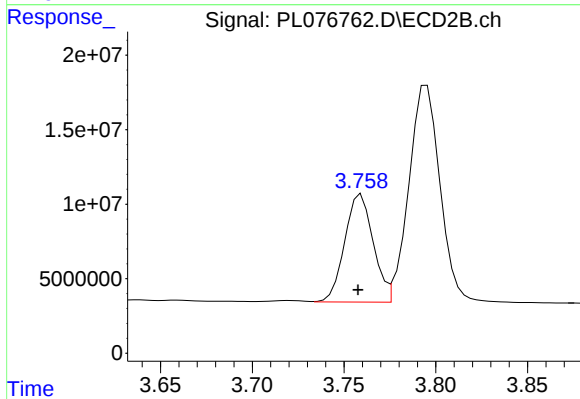
#5 Aldrin

R.T.: 4.070 min  
Delta R.T.: 0.002 min  
Response: 162768691  
Conc: 46.27 ng/ml



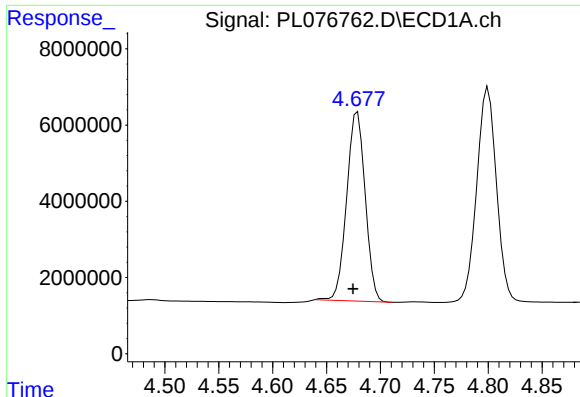
#6 beta-BHC

R.T.: 4.434 min  
Delta R.T.: 0.003 min  
Response: 32514124  
Conc: 54.49 ng/ml



#6 beta-BHC

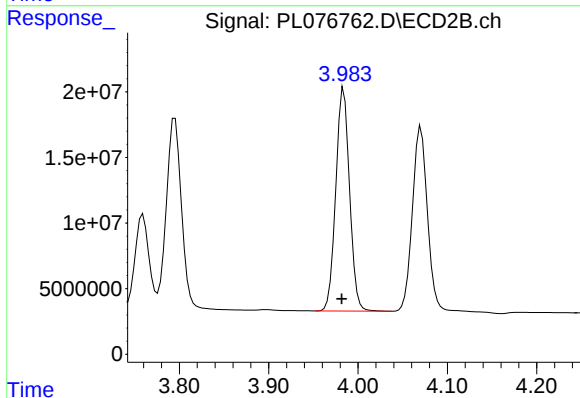
R.T.: 3.759 min  
Delta R.T.: 0.002 min  
Response: 78185466  
Conc: 46.11 ng/ml



#7 delta-BHC

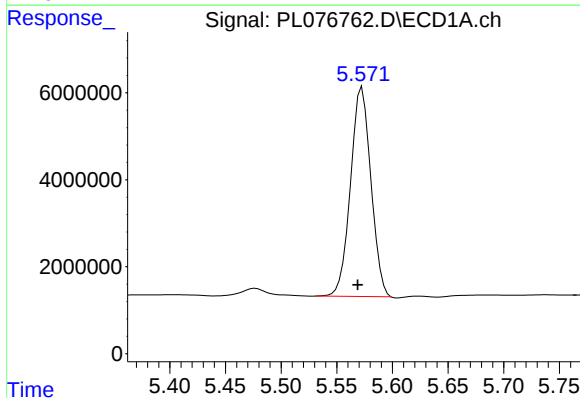
R.T.: 4.679 min  
Delta R.T.: 0.004 min  
Response: 59275046  
Conc: 53.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



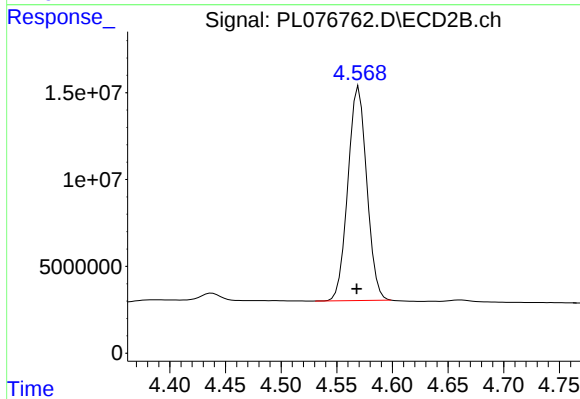
#7 delta-BHC

R.T.: 3.984 min  
Delta R.T.: 0.002 min  
Response: 181974357  
Conc: 47.72 ng/ml



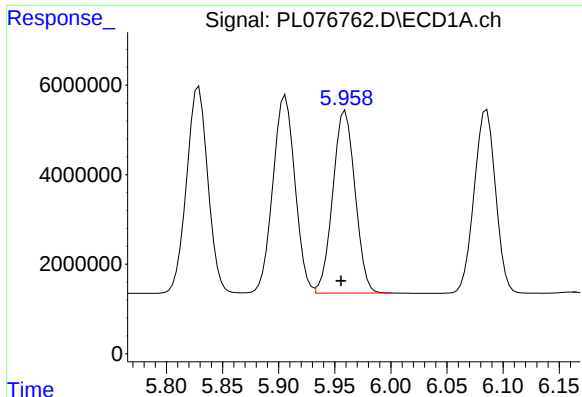
#8 Heptachlor epoxide

R.T.: 5.573 min  
Delta R.T.: 0.004 min  
Response: 61439047  
Conc: 55.10 ng/ml



#8 Heptachlor epoxide

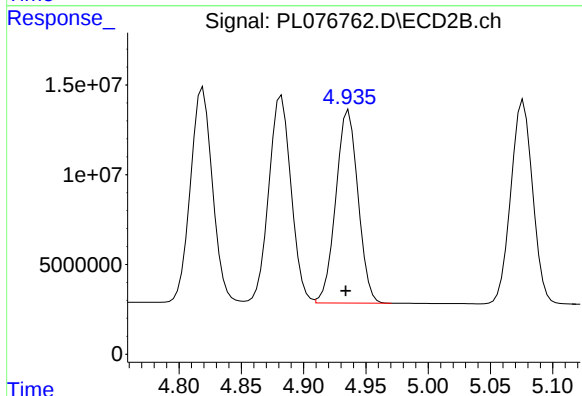
R.T.: 4.570 min  
Delta R.T.: 0.002 min  
Response: 145473778  
Conc: 45.87 ng/ml



#9 Endosulfan I

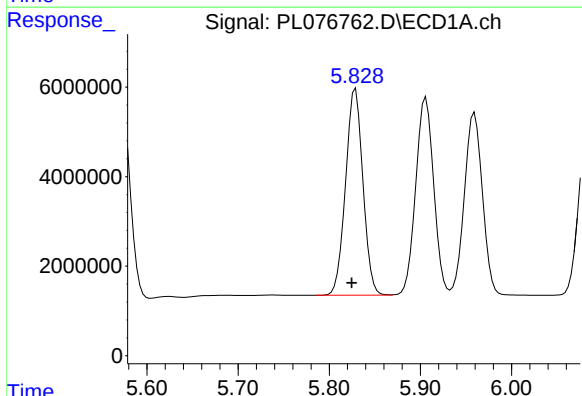
R.T.: 5.959 min  
Delta R.T.: 0.004 min  
Response: 56268092  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



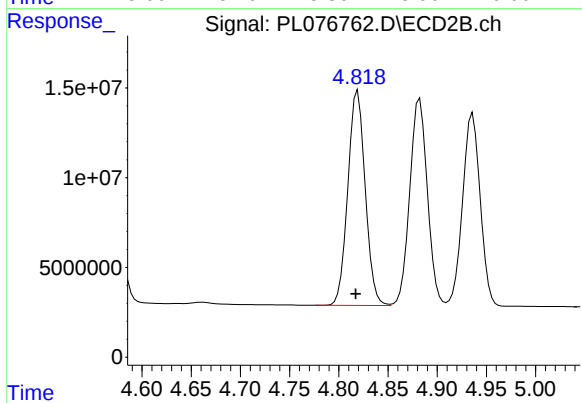
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: 0.002 min  
Response: 133400560  
Conc: 46.10 ng/ml



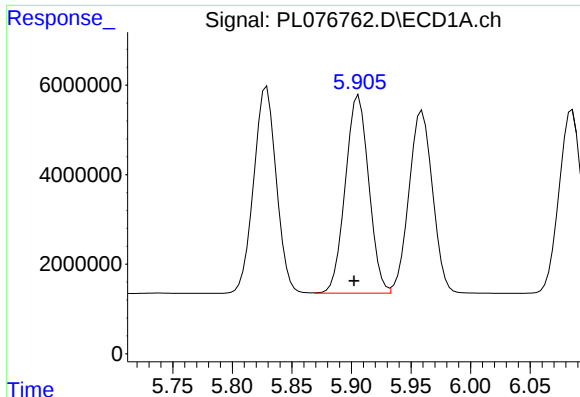
#10 gamma-Chlordane

R.T.: 5.829 min  
Delta R.T.: 0.004 min  
Response: 61048983  
Conc: 55.06 ng/ml



#10 gamma-Chlordane

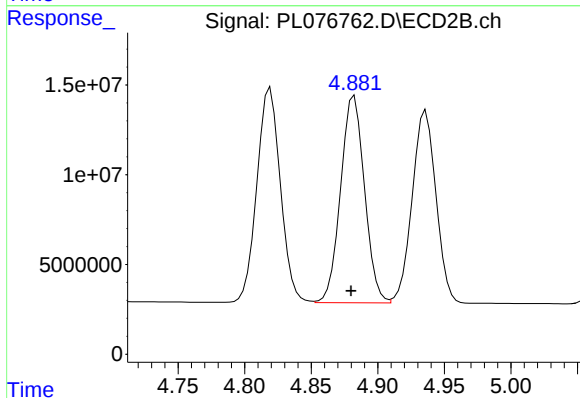
R.T.: 4.819 min  
Delta R.T.: 0.002 min  
Response: 147124183  
Conc: 45.97 ng/ml



#11 alpha-Chlordane

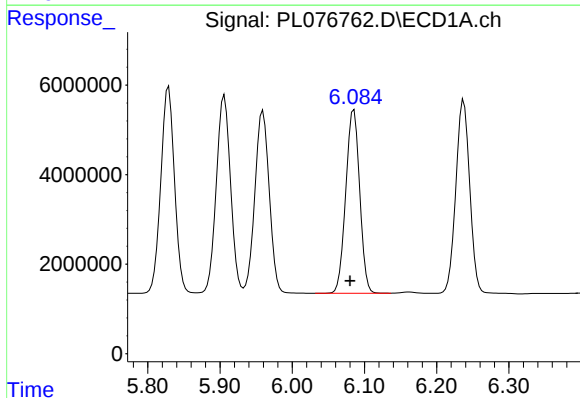
R.T.: 5.906 min  
Delta R.T.: 0.004 min  
Response: 60579699  
Conc: 54.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



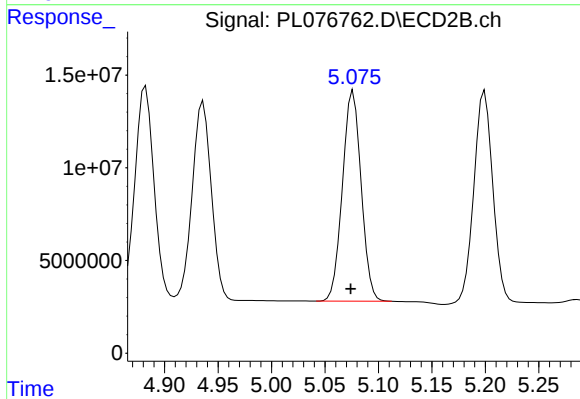
#11 alpha-Chlordane

R.T.: 4.882 min  
Delta R.T.: 0.002 min  
Response: 144188897  
Conc: 46.20 ng/ml



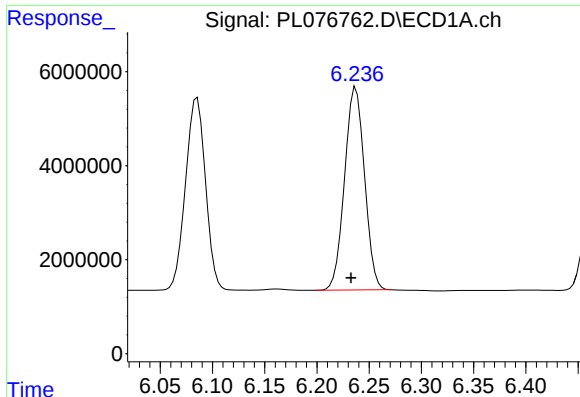
#12 4,4'-DDE

R.T.: 6.085 min  
Delta R.T.: 0.005 min  
Response: 54551617  
Conc: 55.58 ng/ml



#12 4,4'-DDE

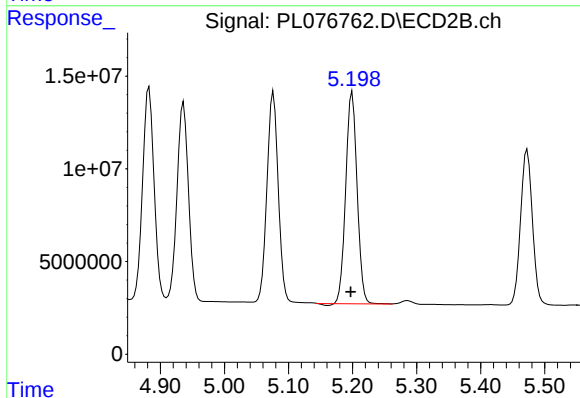
R.T.: 5.076 min  
Delta R.T.: 0.002 min  
Response: 138271317  
Conc: 46.52 ng/ml



#13 Dieldrin

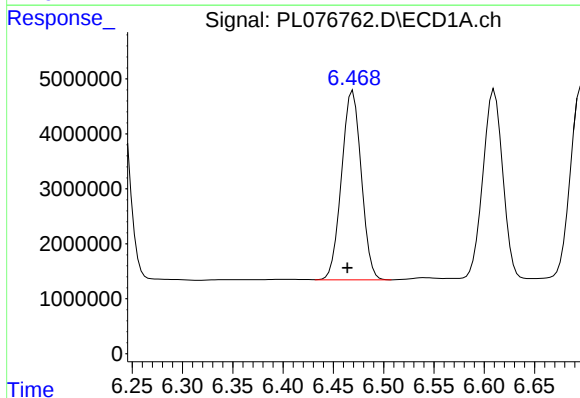
R.T.: 6.237 min  
Delta R.T.: 0.005 min  
Response: 57326474  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



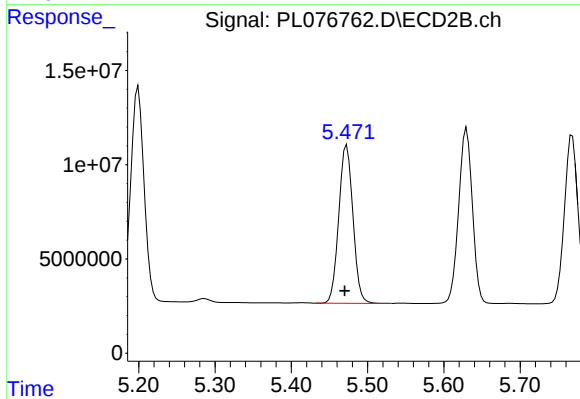
#13 Dieldrin

R.T.: 5.199 min  
Delta R.T.: 0.002 min  
Response: 140269761  
Conc: 45.20 ng/ml



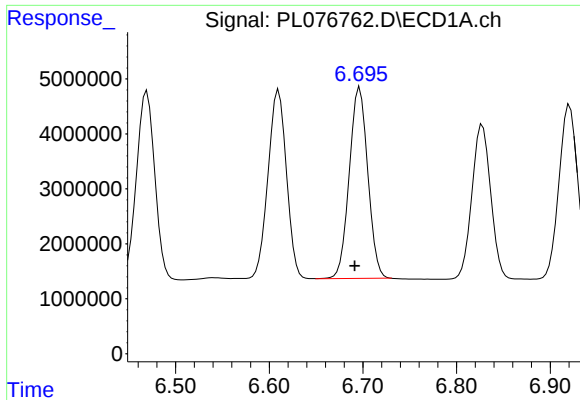
#14 Endrin

R.T.: 6.469 min  
Delta R.T.: 0.005 min  
Response: 46846152  
Conc: 48.77 ng/ml



#14 Endrin

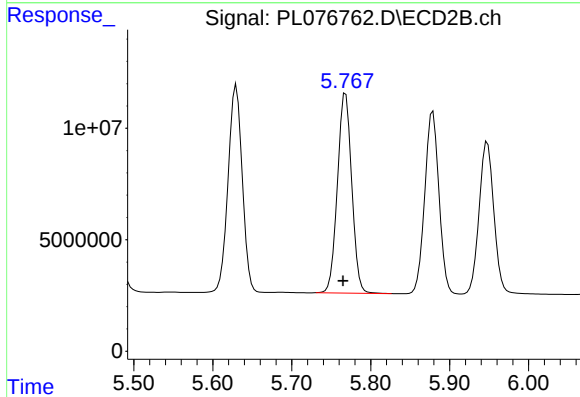
R.T.: 5.473 min  
Delta R.T.: 0.003 min  
Response: 107887201  
Conc: 42.97 ng/ml



#15 Endosulfan II

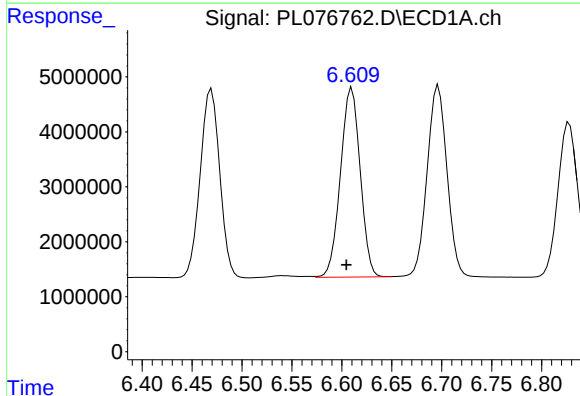
R.T.: 6.697 min  
Delta R.T.: 0.005 min  
Response: 47815119  
Conc: 53.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



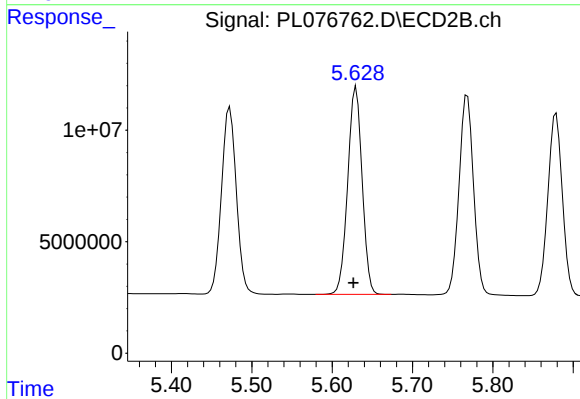
#15 Endosulfan II

R.T.: 5.768 min  
Delta R.T.: 0.003 min  
Response: 112749373  
Conc: 47.02 ng/ml



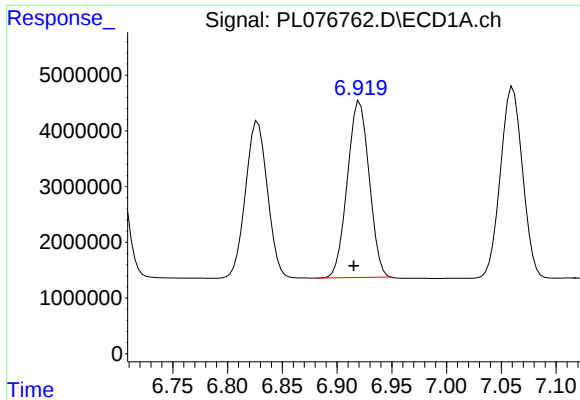
#16 4,4'-DDD

R.T.: 6.610 min  
Delta R.T.: 0.005 min  
Response: 47269781  
Conc: 56.70 ng/ml



#16 4,4'-DDD

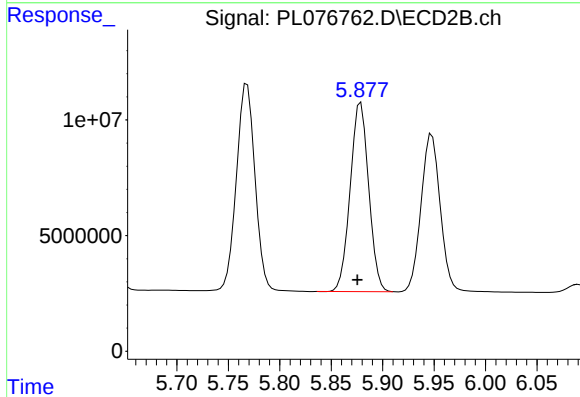
R.T.: 5.630 min  
Delta R.T.: 0.003 min  
Response: 115878061  
Conc: 48.91 ng/ml



#17 4,4'-DDT

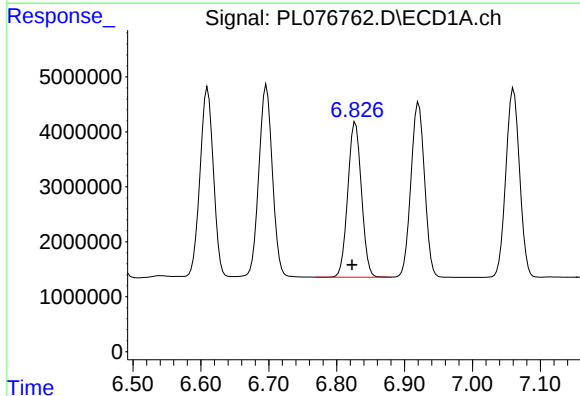
R.T.: 6.921 min  
Delta R.T.: 0.005 min  
Response: 43946337  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



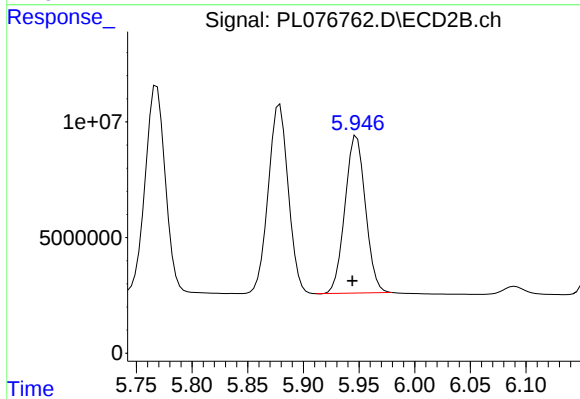
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: 0.004 min  
Response: 102320936  
Conc: 42.59 ng/ml



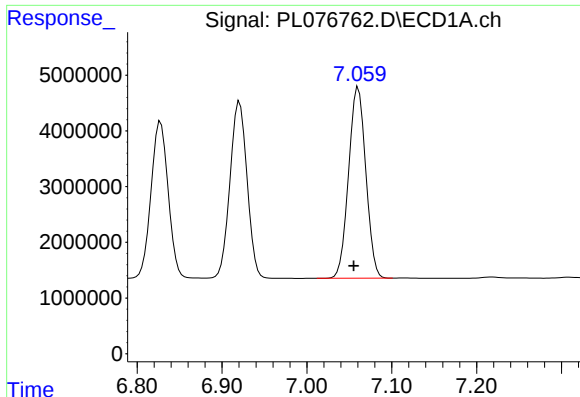
#18 Endrin aldehyde

R.T.: 6.828 min  
Delta R.T.: 0.005 min  
Response: 39349812  
Conc: 53.98 ng/ml



#18 Endrin aldehyde

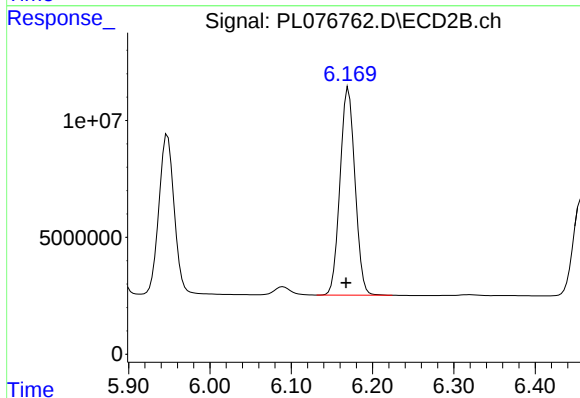
R.T.: 5.948 min  
Delta R.T.: 0.004 min  
Response: 87080220  
Conc: 46.22 ng/ml



#19 Endosulfan Sulfate

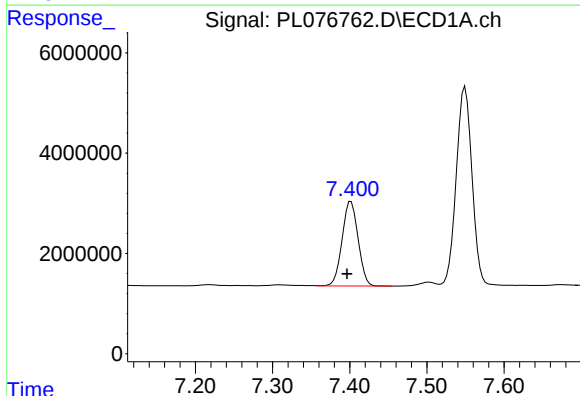
R.T.: 7.061 min  
Delta R.T.: 0.005 min  
Response: 48366227  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



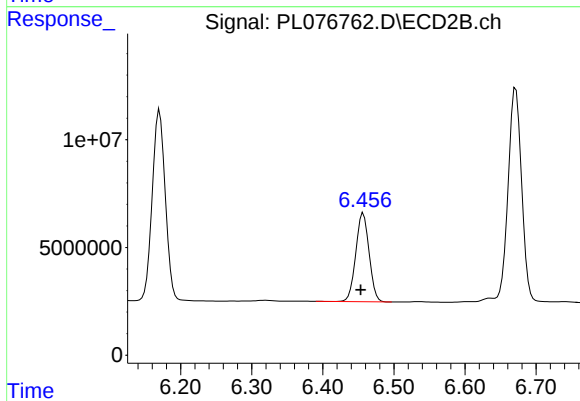
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: 0.003 min  
Response: 113262106  
Conc: 46.05 ng/ml



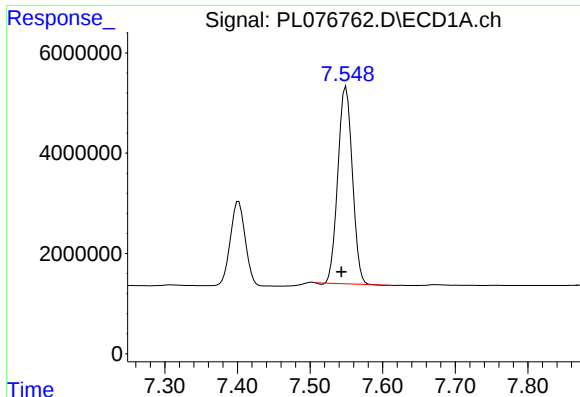
#20 Methoxychlor

R.T.: 7.402 min  
Delta R.T.: 0.005 min  
Response: 24264699  
Conc: 47.95 ng/ml



#20 Methoxychlor

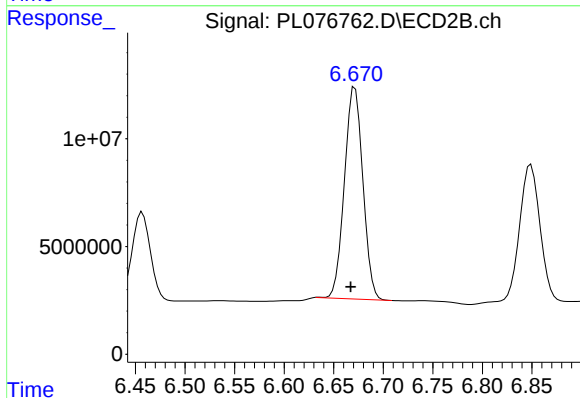
R.T.: 6.457 min  
Delta R.T.: 0.004 min  
Response: 53683762  
Conc: 41.05 ng/ml



#21 Endrin ketone

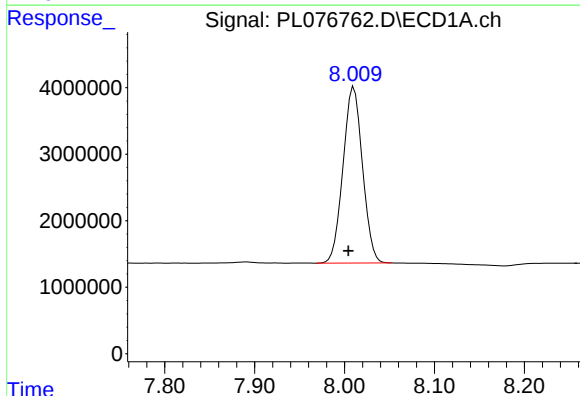
R.T.: 7.550 min  
Delta R.T.: 0.006 min  
Response: 54509779  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



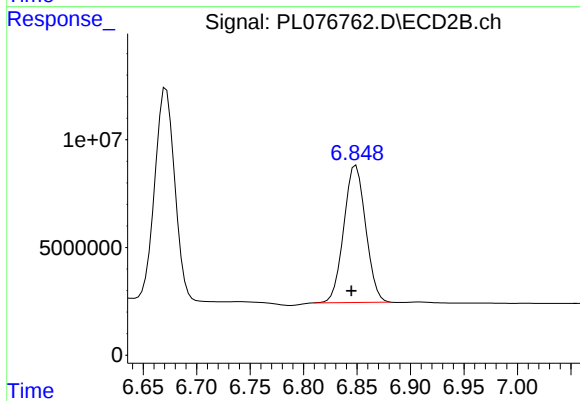
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: 0.004 min  
Response: 127255308  
Conc: 46.89 ng/ml



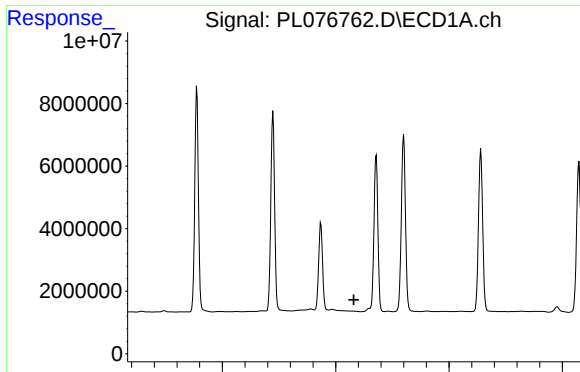
#22 Mirex

R.T.: 8.010 min  
Delta R.T.: 0.006 min  
Response: 39830425  
Conc: 51.49 ng/ml



#22 Mirex

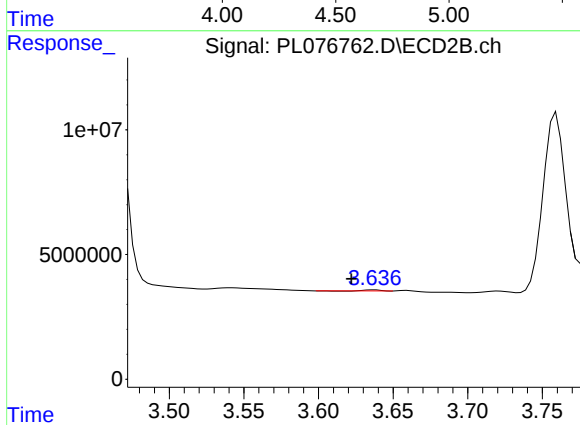
R.T.: 6.849 min  
Delta R.T.: 0.004 min  
Response: 90495699  
Conc: 45.13 ng/ml



#23 Chlordane-1

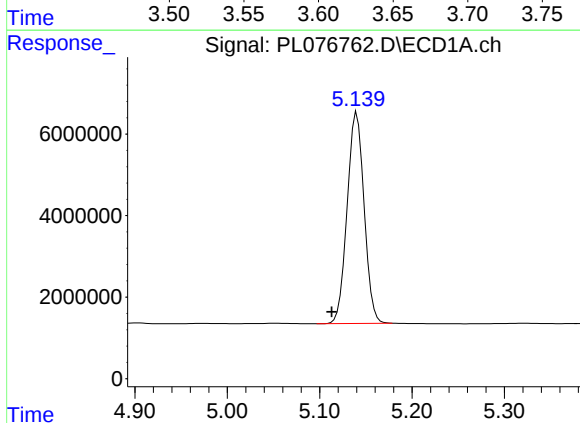
R.T.: 0.000 min  
Exp R.T.: 4.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



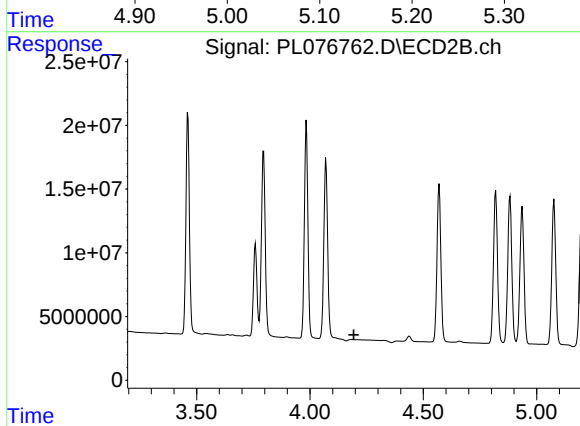
#23 Chlordane-1

R.T.: 3.637 min  
Delta R.T.: 0.015 min  
Response: 246553  
Conc: 2.73 ng/ml



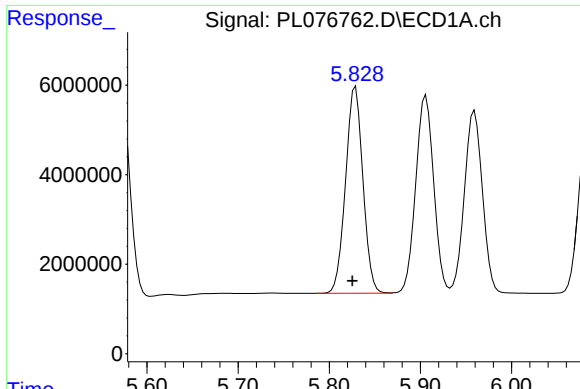
#24 Chlordane-2

R.T.: 5.140 min  
Delta R.T.: 0.027 min  
Response: 66101931  
Conc: 1805.15 ng/ml



#24 Chlordane-2

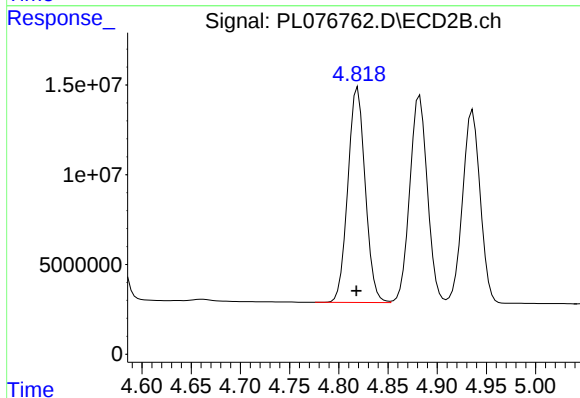
R.T.: 4.181 min  
Delta R.T.: -0.012 min  
Response: -78283  
Conc: N.D.



#25 Chlordane-3

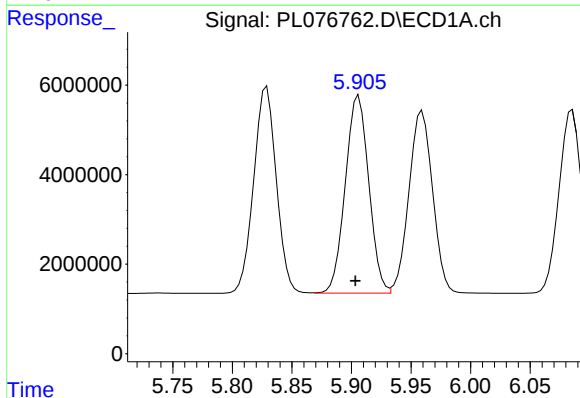
R.T.: 5.829 min  
Delta R.T.: 0.003 min  
Response: 61048983  
Conc: 440.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



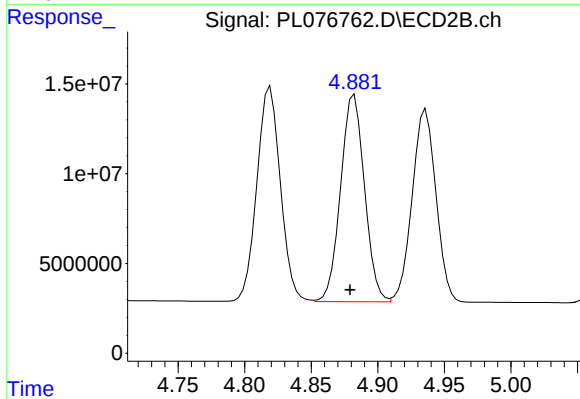
#25 Chlordane-3

R.T.: 4.819 min  
Delta R.T.: 0.001 min  
Response: 147124183  
Conc: 519.70 ng/ml



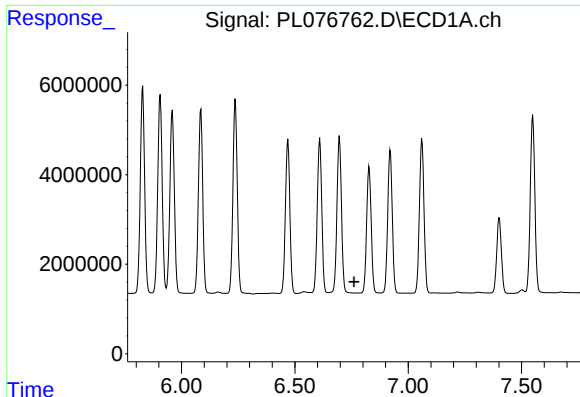
#26 Chlordane-4

R.T.: 5.906 min  
Delta R.T.: 0.003 min  
Response: 60579699  
Conc: 353.25 ng/ml



#26 Chlordane-4

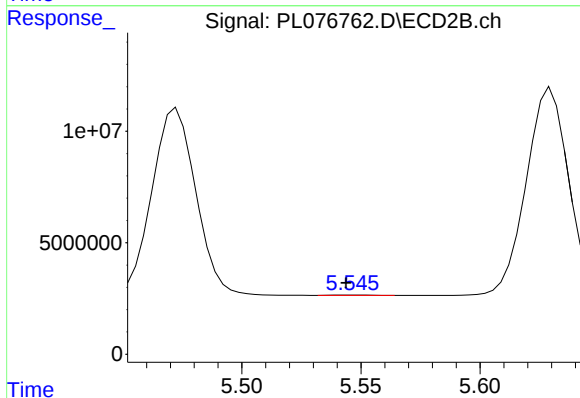
R.T.: 4.882 min  
Delta R.T.: 0.003 min  
Response: 144188897  
Conc: 485.70 ng/ml



#27 Chlordane-5

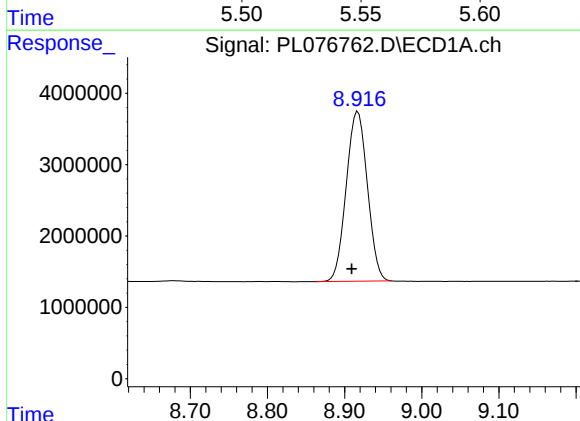
R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



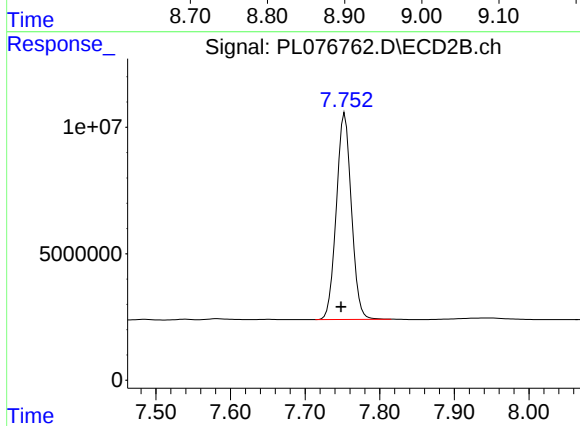
#27 Chlordane-5

R.T.: 5.547 min  
Delta R.T.: 0.003 min  
Response: 153660  
Conc: 1.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.917 min  
Delta R.T.: 0.008 min  
Response: 45291727  
Conc: 51.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: 0.005 min  
Response: 114513474  
Conc: 44.61 ng/ml