

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102323\  
 Data File : PL086088.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2023 11:28  
 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: Oct 23 21:32:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 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... | 3.355  | 2.622  | 134.5E6  | 41573196 | 45.207   | 44.506    |
| 2)                          | SA Decachlor... | 8.855  | 7.773  | 118.1E6  | 49925809 | 54.206   | 54.092    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.809  | 3.120  | 197.7E6  | 58847175 | 46.069   | 46.773    |
| 3)                          | MA gamma-BHC... | 4.140  | 3.447  | 191.7E6  | 57762846 | 46.379   | 46.834    |
| 4)                          | MA Heptachlor   | 4.728  | 3.783  | 185.9E6  | 56873603 | 48.072   | 48.900    |
| 5)                          | MB Aldrin       | 5.067  | 4.060  | 180.7E6  | 55914579 | 46.625   | 50.001    |
| 6)                          | B beta-BHC      | 4.344  | 3.749  | 82141948 | 25577771 | 49.674   | 49.132    |
| 7)                          | B delta-BHC     | 4.586  | 3.974  | 184.3E6  | 56654594 | 48.066   | 49.309    |
| 8)                          | B Heptachlo...  | 5.497  | 4.565  | 158.0E6  | 52005535 | 45.807   | 51.778    |
| 9)                          | A Endosulfan I  | 5.881  | 4.932  | 151.1E6  | 49051304 | 46.717   | 45.725    |
| 10)                         | B gamma-Chl...  | 5.754  | 4.816  | 163.1E6  | 54472997 | 47.662   | 55.002    |
| 11)                         | B alpha-Chl...  | 5.834  | 4.880  | 162.8E6  | 54006510 | 47.623   | 49.514    |
| 12)                         | B 4,4'-DDE      | 6.017  | 5.079  | 139.1E6  | 46918249 | 49.725   | 57.138    |
| 13)                         | MA Dieldrin     | 6.157  | 5.197  | 154.4E6  | 51589092 | 46.973   | 53.172    |
| 14)                         | MA Endrin       | 6.386  | 5.471  | 133.9E6  | 46418211 | 46.986   | 51.633    |
| 15)                         | B Endosulfa...  | 6.609  | 5.768  | 133.0E6  | 46506753 | 48.273   | 48.906    |
| 16)                         | A 4,4'-DDD      | 6.536  | 5.635  | 110.5E6  | 39637567 | 54.843   | 56.947    |
| 17)                         | MA 4,4'-DDT     | 6.851  | 5.885  | 115.4E6  | 43104457 | 48.962   | 54.511    |
| 18)                         | B Endrin al...  | 6.740  | 5.951  | 98273353 | 37378918 | 48.488   | 50.125    |
| 19)                         | B Endosulfa...  | 6.976  | 6.175  | 123.4E6  | 46129630 | 49.167   | 51.135    |
| 20)                         | A Methoxychlor  | 7.336  | 6.470  | 66719583 | 26234331 | 47.772   | 49.868    |
| 21)                         | B Endrin ke...  | 7.458  | 6.677  | 132.5E6  | 55340967 | 46.011   | 48.147    |
| 22)                         | Mirex           | 7.931  | 6.854  | 106.4E6  | 46274617 | 48.068   | 49.063    |
| 23)                         | Chlordane-1     | 0.000  | 3.594f | 0        | 8659     | N.D.     | 0.266 #   |
| 24)                         | Chlordane-2     | 5.067f | 4.202  | 180.7E6  | 45441    | 1389.803 | 1.168 #   |
| 25)                         | Chlordane-3     | 5.754  | 4.816  | 163.1E6  | 54472997 | 319.624  | 539.082 # |
| 26)                         | Chlordane-4     | 5.834  | 4.880  | 162.8E6  | 54006510 | 256.537  | 466.441 # |
| -----                       |                 |        |        |          |          |          |           |

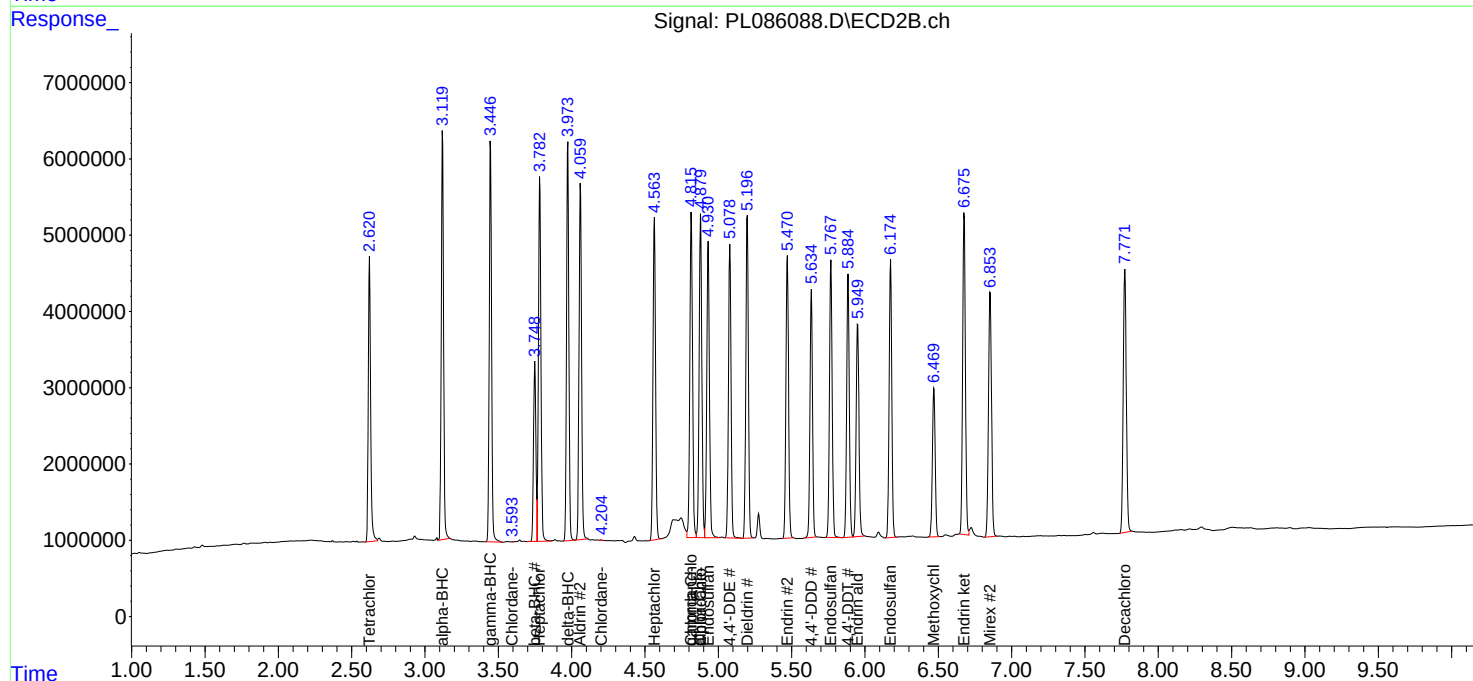
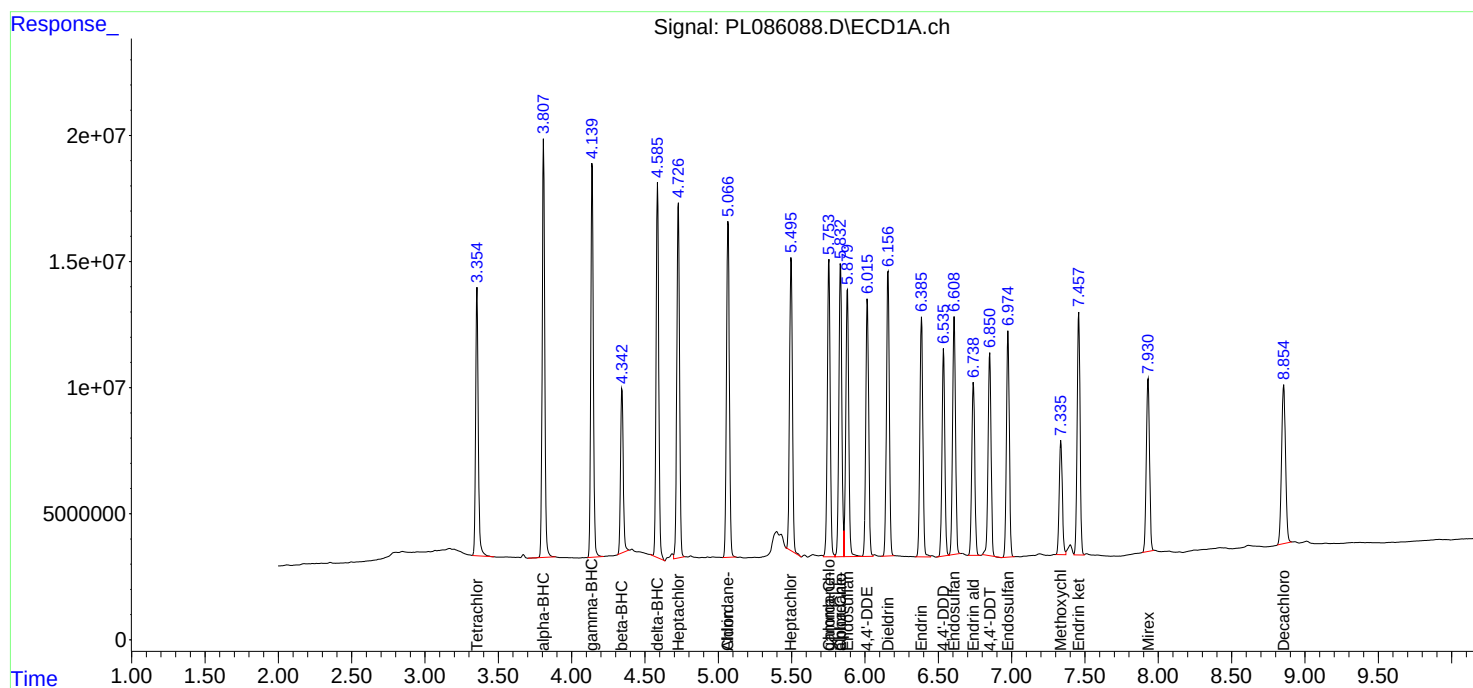
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

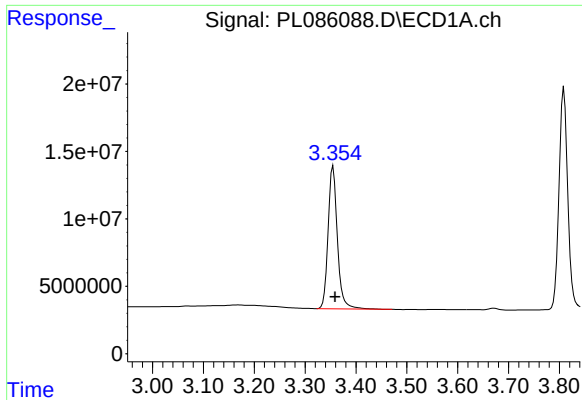
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102323\  
Data File : PL086088.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2023 11:28  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 21:32:25 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
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

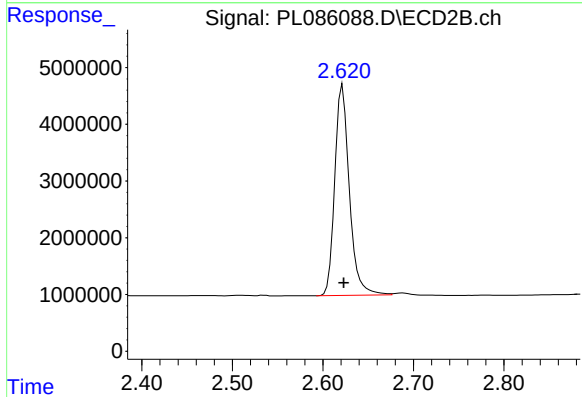




#1 Tetrachloro-m-xylene

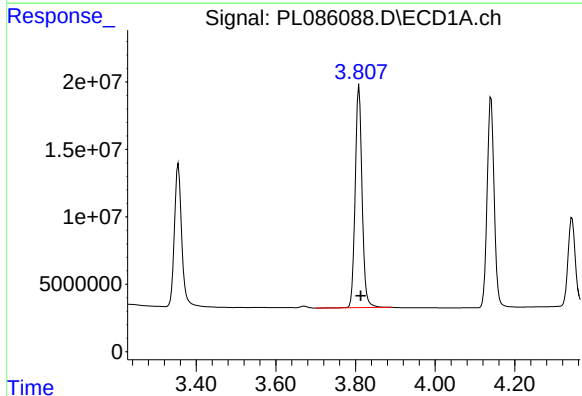
R.T.: 3.355 min  
Delta R.T.: -0.004 min  
Response: 134452347  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



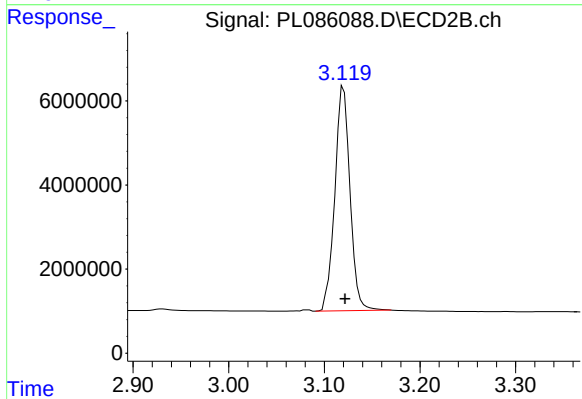
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 41573196  
Conc: 44.51 ng/ml



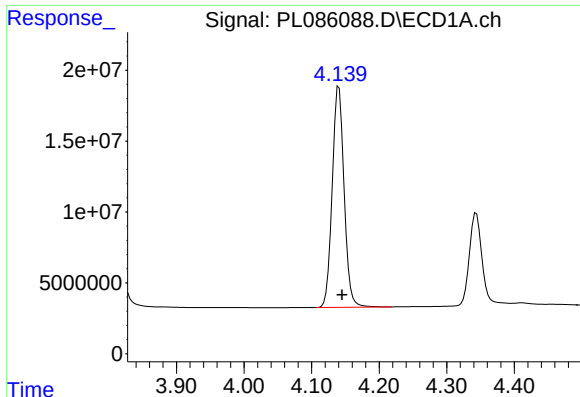
#2 alpha-BHC

R.T.: 3.809 min  
Delta R.T.: -0.004 min  
Response: 197722208  
Conc: 46.07 ng/ml



#2 alpha-BHC

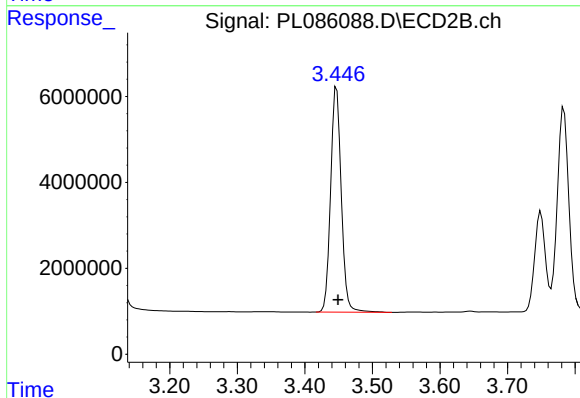
R.T.: 3.120 min  
Delta R.T.: -0.002 min  
Response: 58847175  
Conc: 46.77 ng/ml



#3 gamma-BHC (Lindane)

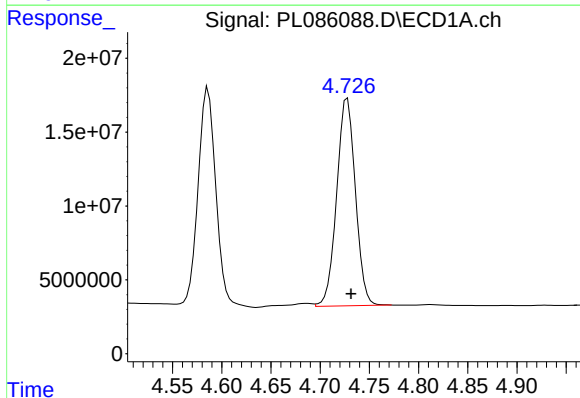
R.T.: 4.140 min  
Delta R.T.: -0.005 min  
Response: 191697642  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



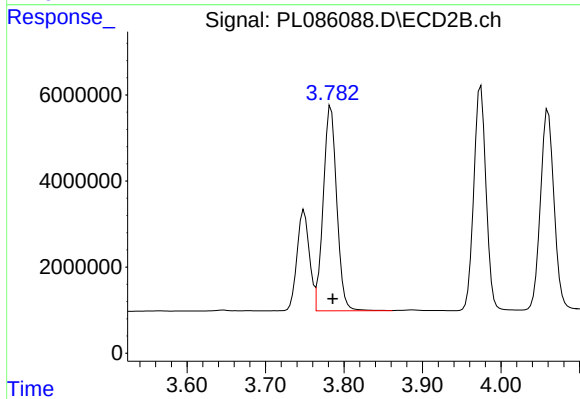
#3 gamma-BHC (Lindane)

R.T.: 3.447 min  
Delta R.T.: -0.002 min  
Response: 57762846  
Conc: 46.83 ng/ml



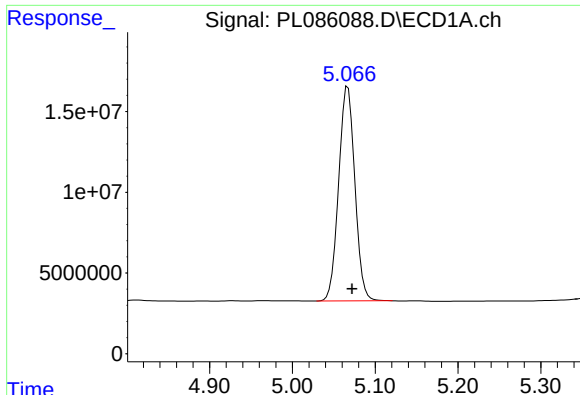
#4 Heptachlor

R.T.: 4.728 min  
Delta R.T.: -0.004 min  
Response: 185923033  
Conc: 48.07 ng/ml



#4 Heptachlor

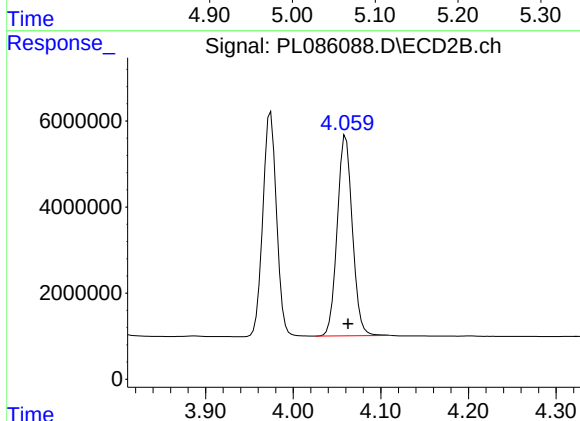
R.T.: 3.783 min  
Delta R.T.: -0.002 min  
Response: 56873603  
Conc: 48.90 ng/ml



#5 Aldrin

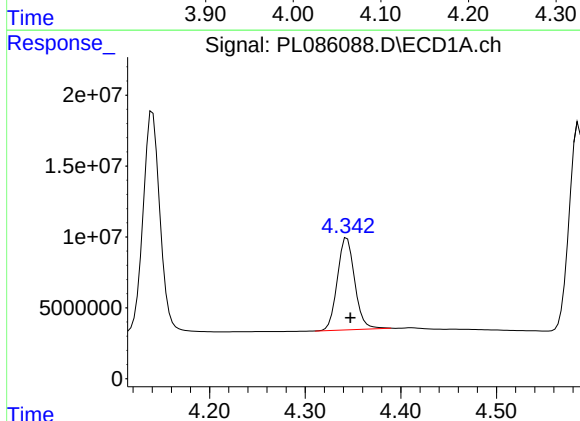
R.T.: 5.067 min  
Delta R.T.: -0.005 min  
Response: 180735419  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



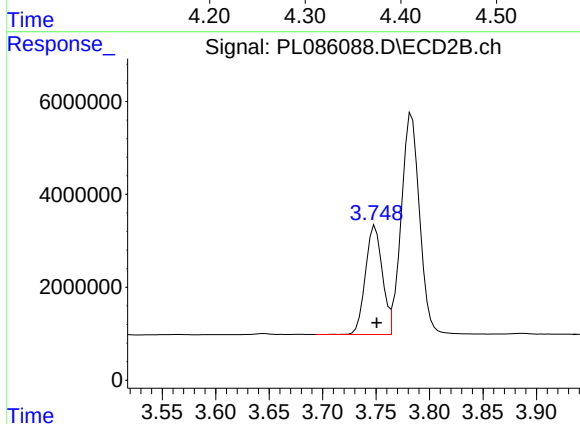
#5 Aldrin

R.T.: 4.060 min  
Delta R.T.: -0.002 min  
Response: 55914579  
Conc: 50.00 ng/ml



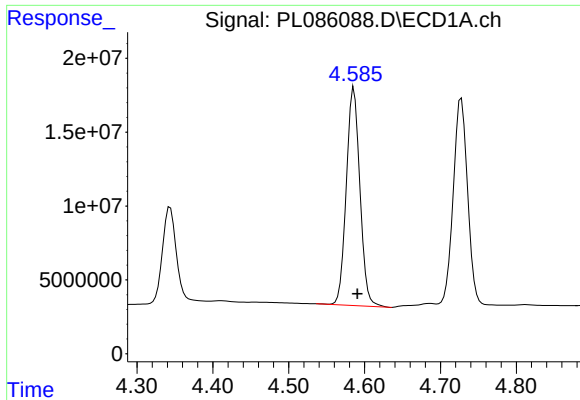
#6 beta-BHC

R.T.: 4.344 min  
Delta R.T.: -0.003 min  
Response: 82141948  
Conc: 49.67 ng/ml



#6 beta-BHC

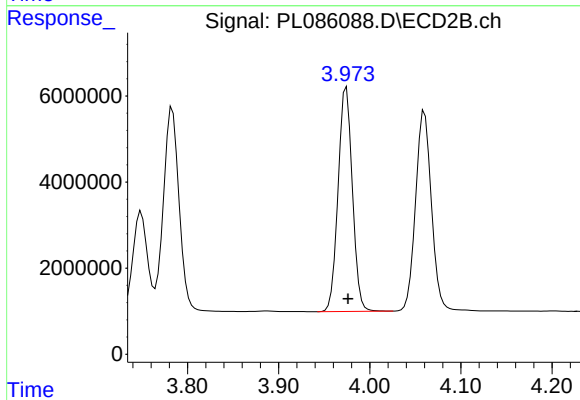
R.T.: 3.749 min  
Delta R.T.: -0.002 min  
Response: 25577771  
Conc: 49.13 ng/ml



#7 delta-BHC

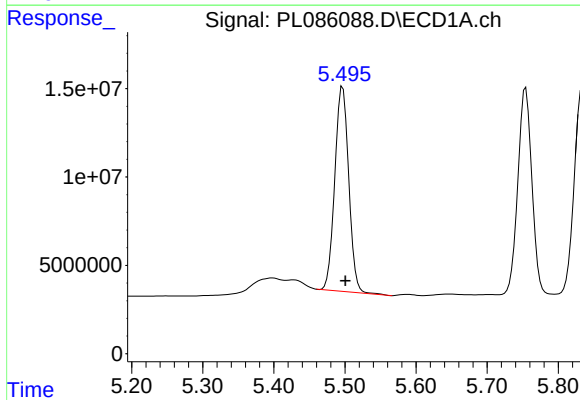
R.T.: 4.586 min  
Delta R.T.: -0.004 min  
Response: 184304955  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



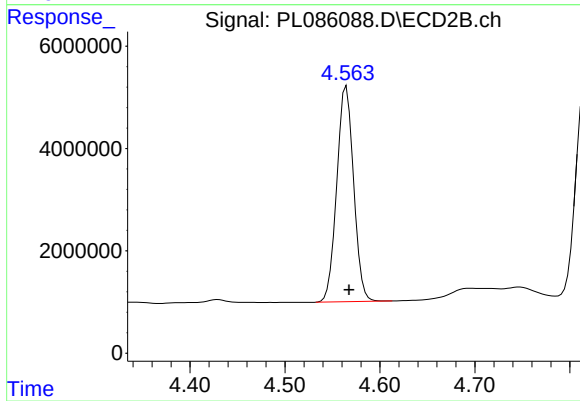
#7 delta-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 56654594  
Conc: 49.31 ng/ml



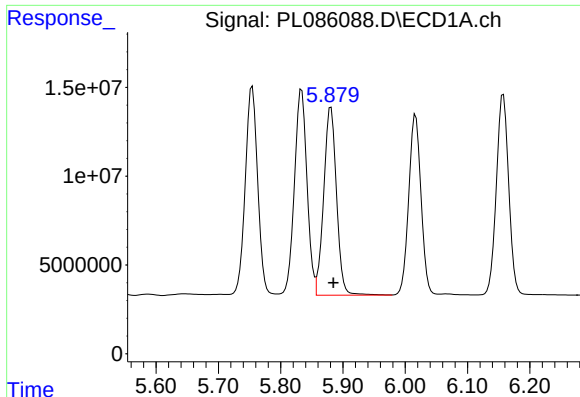
#8 Heptachlor epoxide

R.T.: 5.497 min  
Delta R.T.: -0.004 min  
Response: 158025122  
Conc: 45.81 ng/ml



#8 Heptachlor epoxide

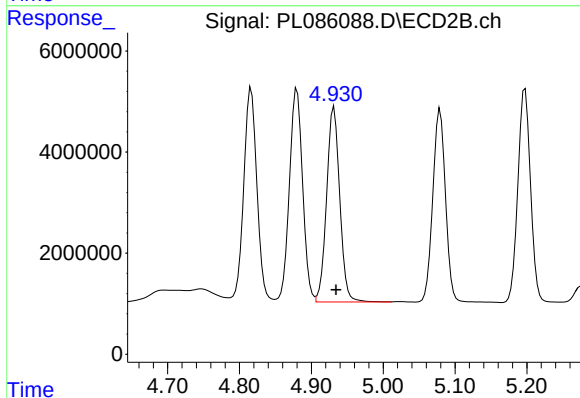
R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 52005535  
Conc: 51.78 ng/ml



#9 Endosulfan I

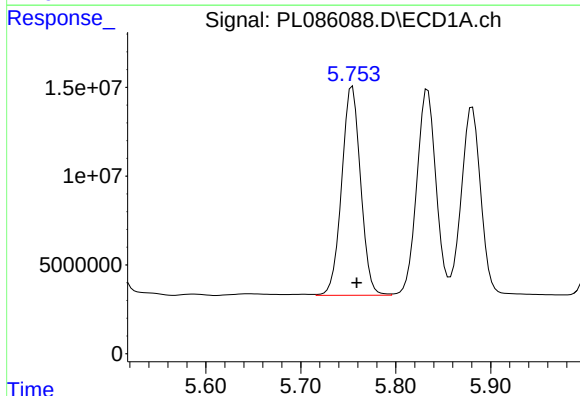
R.T.: 5.881 min  
Delta R.T.: -0.004 min  
Response: 151083413  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



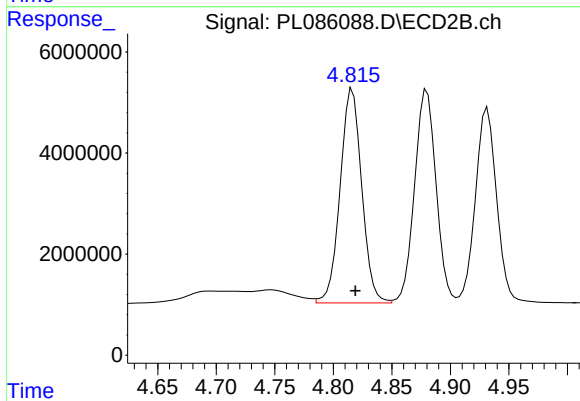
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.003 min  
Response: 49051304  
Conc: 45.73 ng/ml



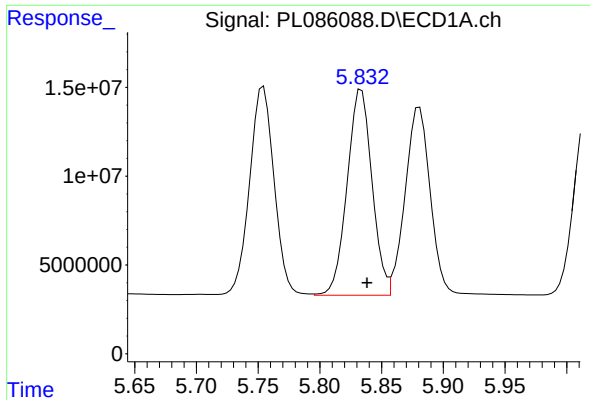
#10 gamma-Chlordane

R.T.: 5.754 min  
Delta R.T.: -0.004 min  
Response: 163072413  
Conc: 47.66 ng/ml



#10 gamma-Chlordane

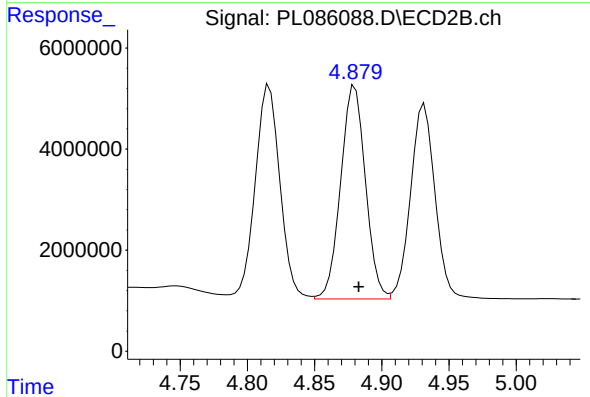
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 54472997  
Conc: 55.00 ng/ml



#11 alpha-Chlordane

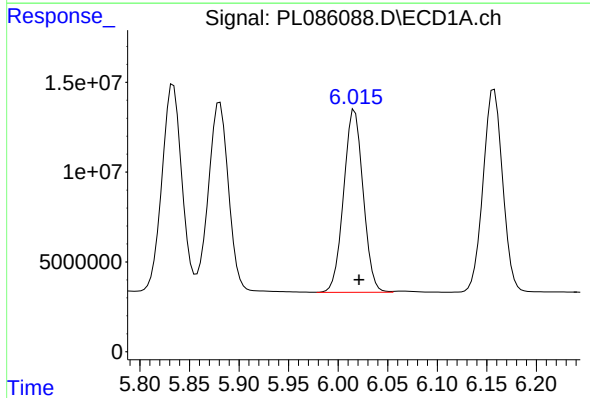
R.T.: 5.834 min  
Delta R.T.: -0.005 min  
Response: 162757560  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



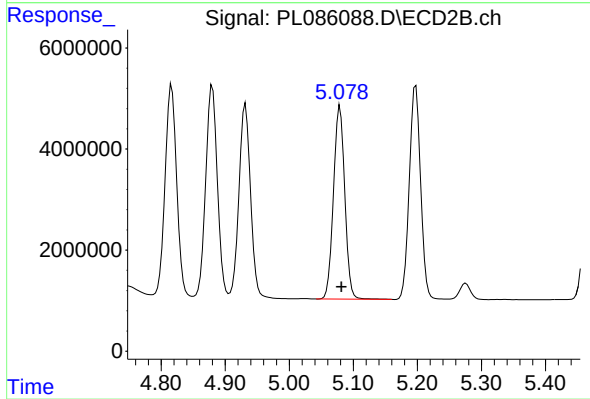
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.003 min  
Response: 54006510  
Conc: 49.51 ng/ml



#12 4,4'-DDE

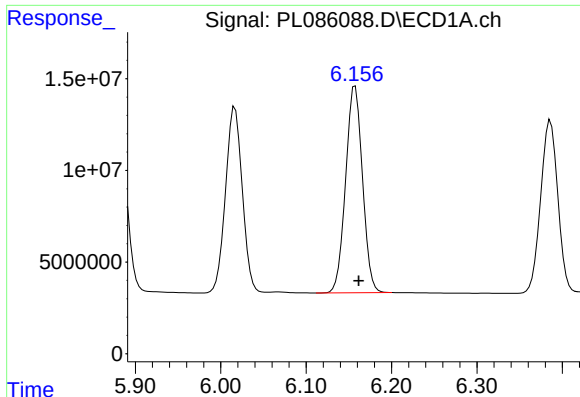
R.T.: 6.017 min  
Delta R.T.: -0.004 min  
Response: 139057162  
Conc: 49.72 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min  
Delta R.T.: -0.002 min  
Response: 46918249  
Conc: 57.14 ng/ml

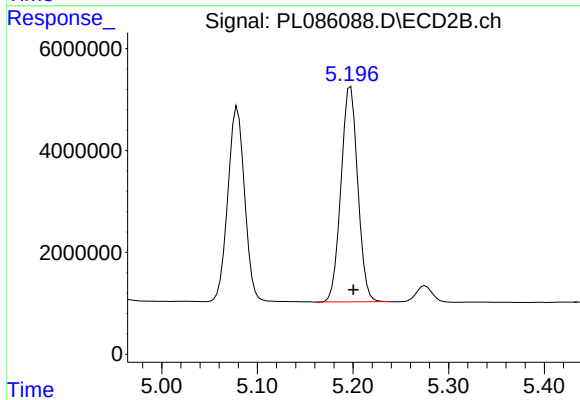




#13 Dieldrin

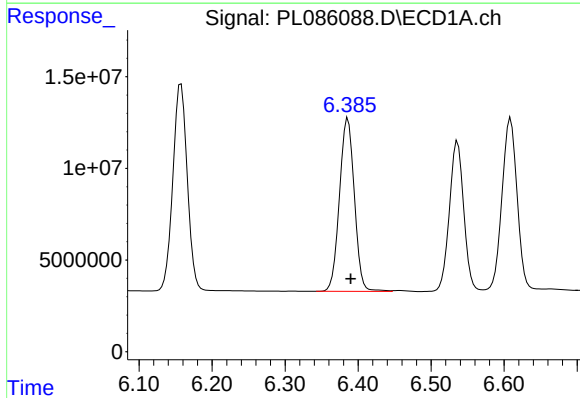
R.T.: 6.157 min  
Delta R.T.: -0.004 min  
Response: 154350885  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



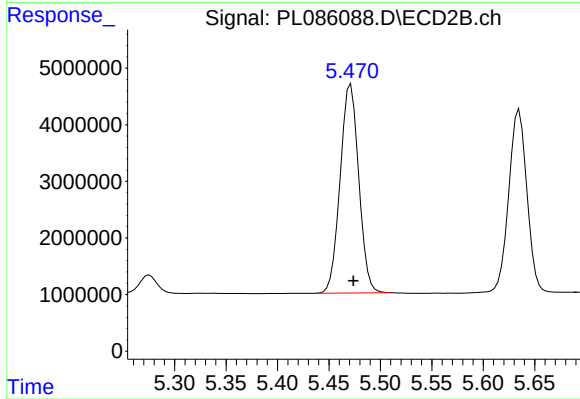
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: -0.003 min  
Response: 51589092  
Conc: 53.17 ng/ml



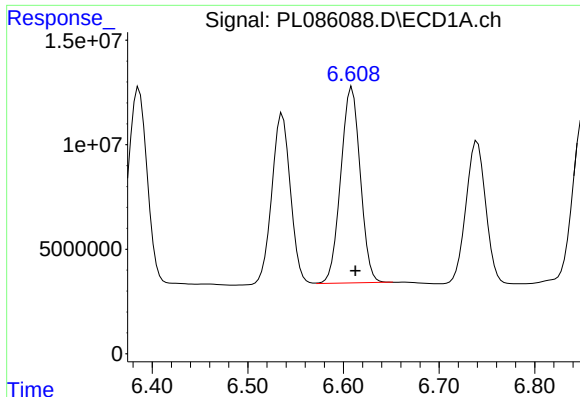
#14 Endrin

R.T.: 6.386 min  
Delta R.T.: -0.004 min  
Response: 133897725  
Conc: 46.99 ng/ml



#14 Endrin

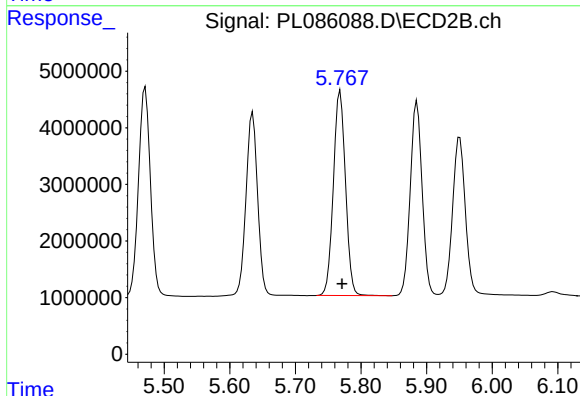
R.T.: 5.471 min  
Delta R.T.: -0.002 min  
Response: 46418211  
Conc: 51.63 ng/ml



#15 Endosulfan II

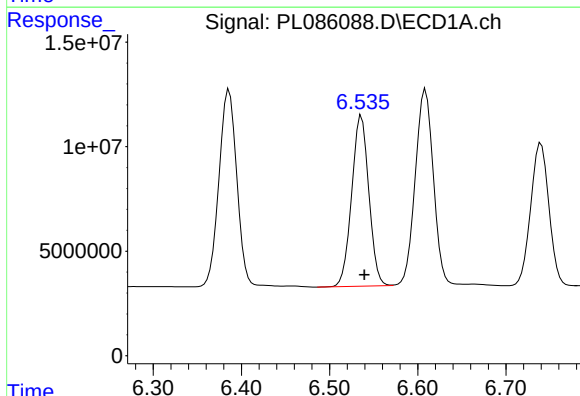
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 133015904  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



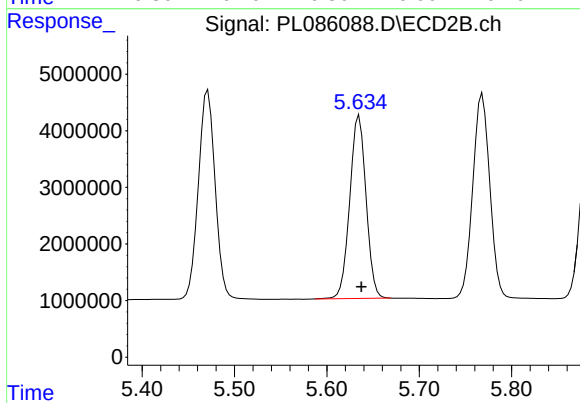
#15 Endosulfan II

R.T.: 5.768 min  
Delta R.T.: -0.003 min  
Response: 46506753  
Conc: 48.91 ng/ml



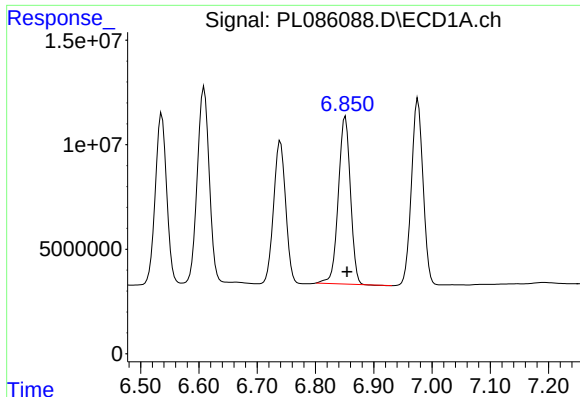
#16 4,4'-DDD

R.T.: 6.536 min  
Delta R.T.: -0.003 min  
Response: 110490381  
Conc: 54.84 ng/ml



#16 4,4'-DDD

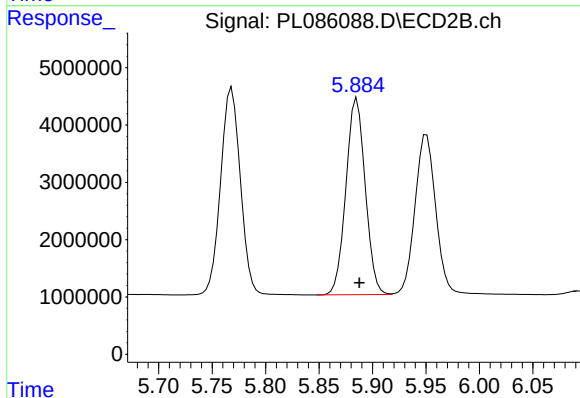
R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 39637567  
Conc: 56.95 ng/ml



#17 4,4'-DDT

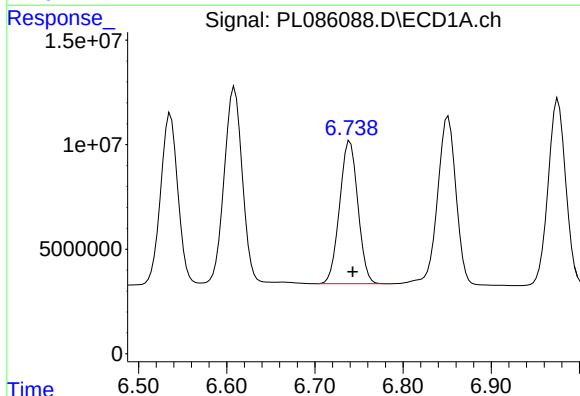
R.T.: 6.851 min  
Delta R.T.: -0.003 min  
Response: 115408140  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



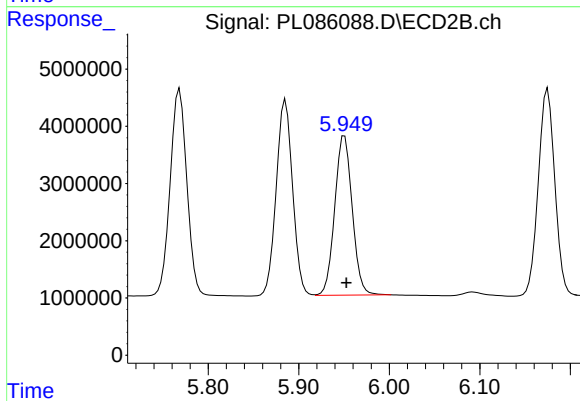
#17 4,4'-DDT

R.T.: 5.885 min  
Delta R.T.: -0.002 min  
Response: 43104457  
Conc: 54.51 ng/ml



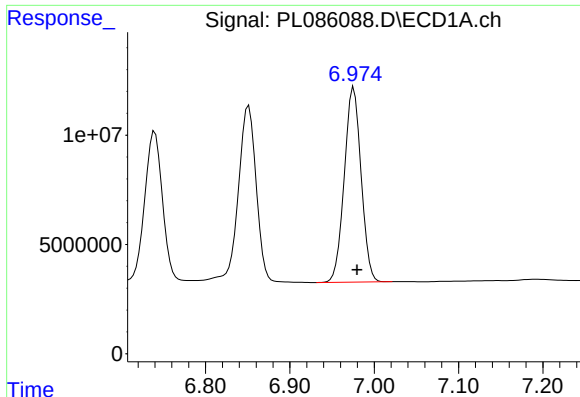
#18 Endrin aldehyde

R.T.: 6.740 min  
Delta R.T.: -0.003 min  
Response: 98273353  
Conc: 48.49 ng/ml



#18 Endrin aldehyde

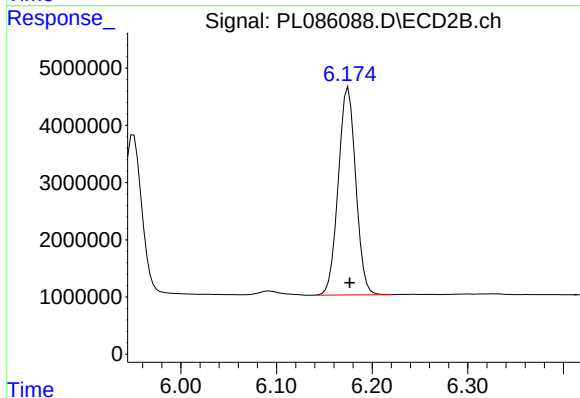
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 37378918  
Conc: 50.13 ng/ml



#19 Endosulfan Sulfate

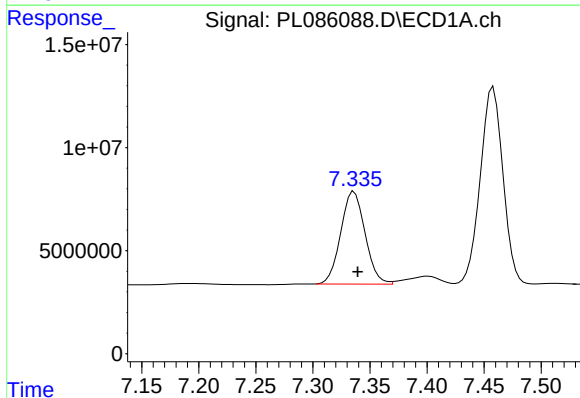
R.T.: 6.976 min  
Delta R.T.: -0.004 min  
Response: 123394283  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



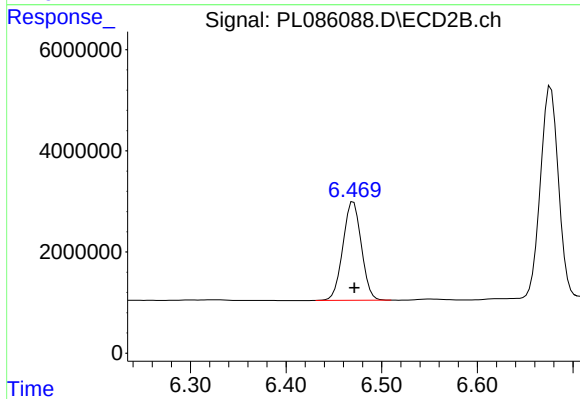
#19 Endosulfan Sulfate

R.T.: 6.175 min  
Delta R.T.: -0.002 min  
Response: 46129630  
Conc: 51.13 ng/ml



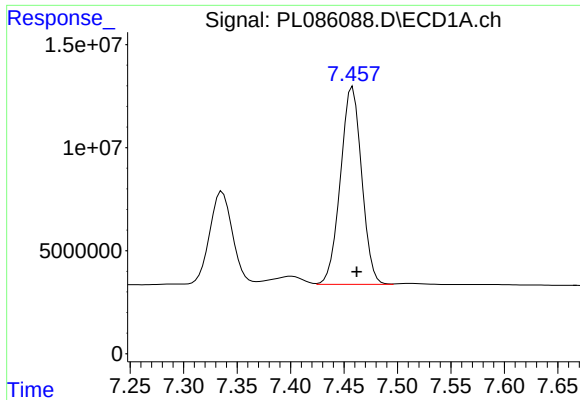
#20 Methoxychlor

R.T.: 7.336 min  
Delta R.T.: -0.003 min  
Response: 66719583  
Conc: 47.77 ng/ml



#20 Methoxychlor

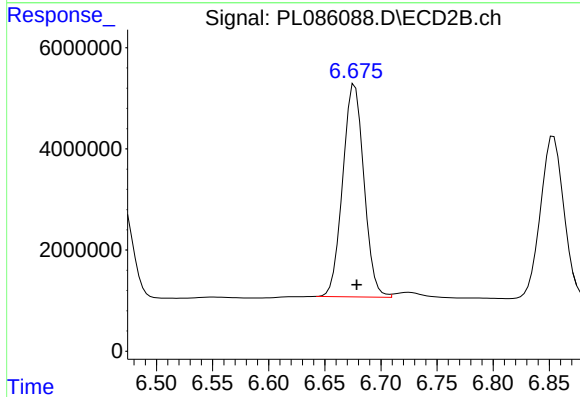
R.T.: 6.470 min  
Delta R.T.: -0.001 min  
Response: 26234331  
Conc: 49.87 ng/ml



#21 Endrin ketone

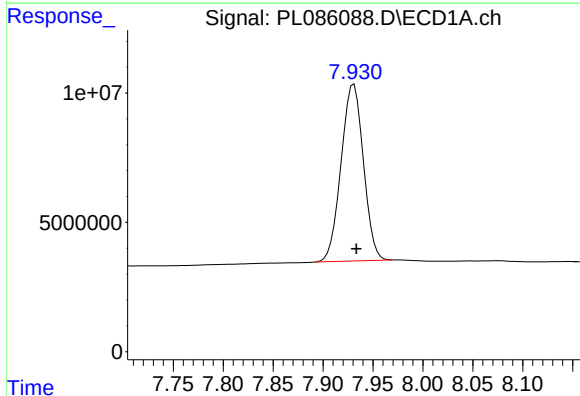
R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 132523218  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



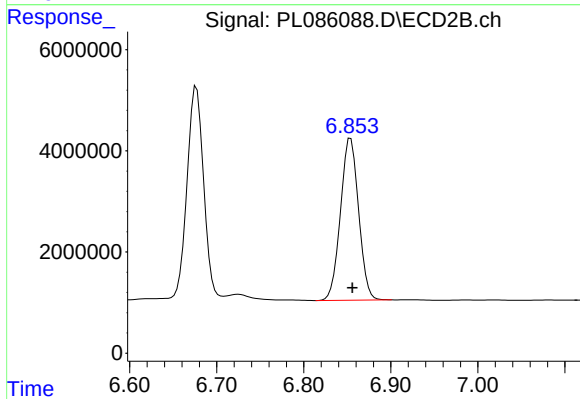
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: -0.002 min  
Response: 55340967  
Conc: 48.15 ng/ml



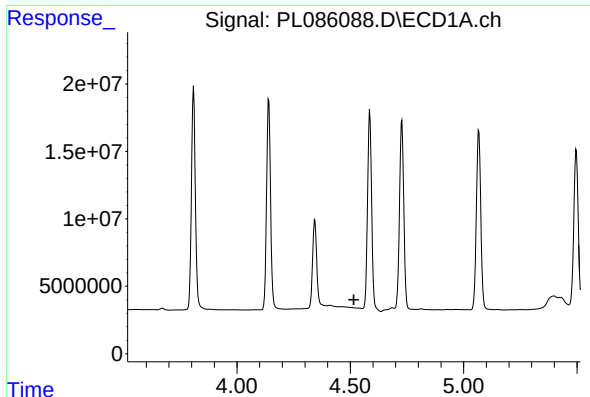
#22 Mirex

R.T.: 7.931 min  
Delta R.T.: -0.003 min  
Response: 106422059  
Conc: 48.07 ng/ml



#22 Mirex

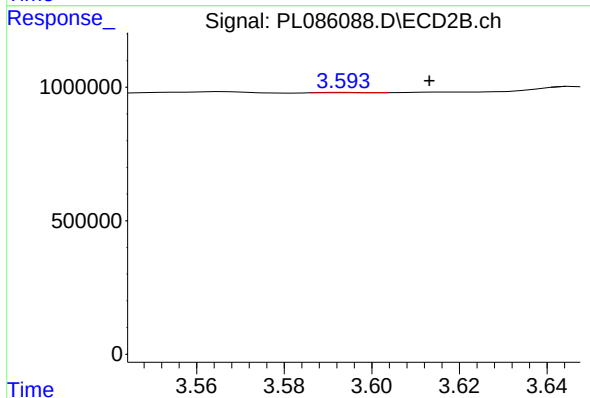
R.T.: 6.854 min  
Delta R.T.: -0.002 min  
Response: 46274617  
Conc: 49.06 ng/ml



#23 Chlordane-1

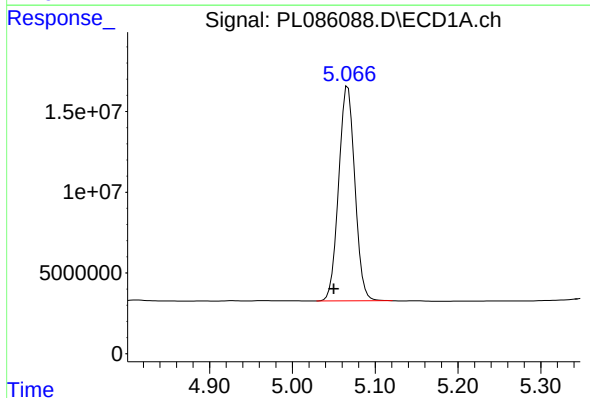
R.T.: 0.000 min  
Exp R.T.: 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



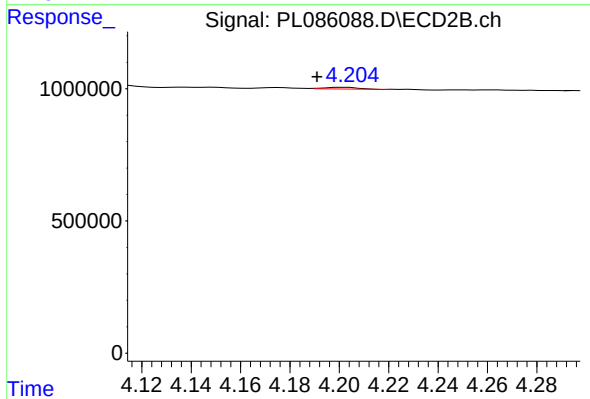
#23 Chlordane-1

R.T.: 3.594 min  
Delta R.T.: -0.019 min  
Response: 8659  
Conc: 0.27 ng/ml



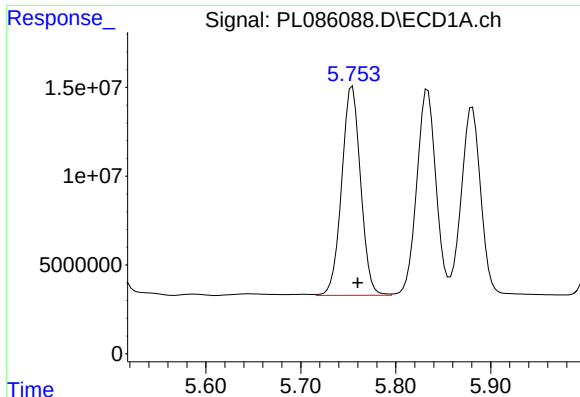
#24 Chlordane-2

R.T.: 5.067 min  
Delta R.T.: 0.017 min  
Response: 180735419  
Conc: 1389.80 ng/ml



#24 Chlordane-2

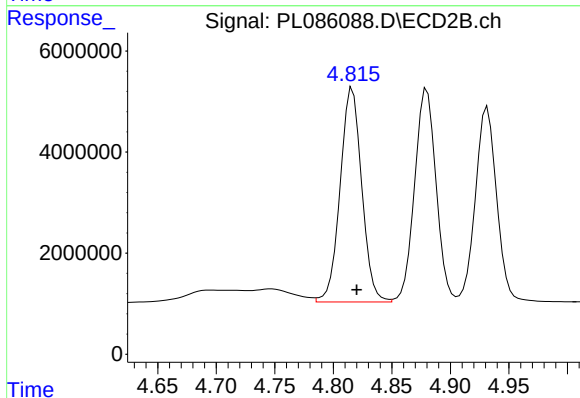
R.T.: 4.202 min  
Delta R.T.: 0.011 min  
Response: 45441  
Conc: 1.17 ng/ml



#25 Chlordane-3

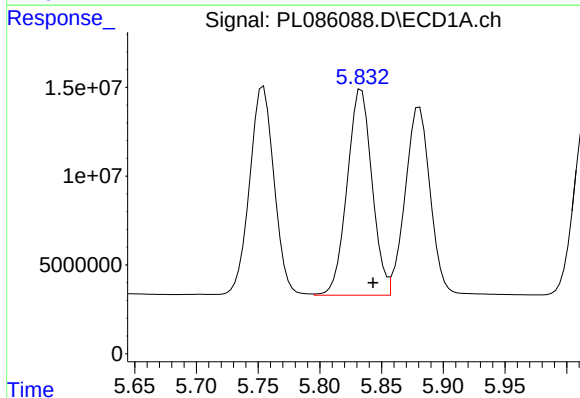
R.T.: 5.754 min  
Delta R.T.: -0.006 min  
Response: 163072413  
Conc: 319.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



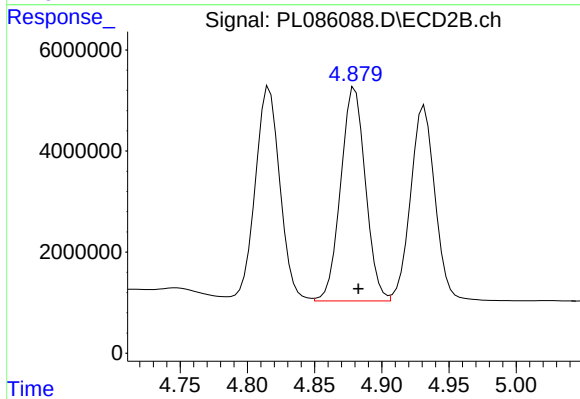
#25 Chlordane-3

R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 54472997  
Conc: 539.08 ng/ml



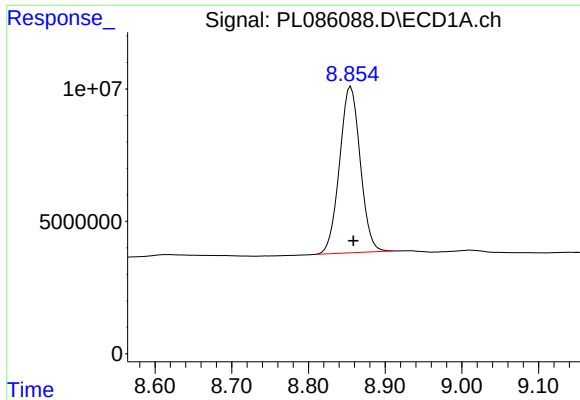
#26 Chlordane-4

R.T.: 5.834 min  
Delta R.T.: -0.009 min  
Response: 162757560  
Conc: 256.54 ng/ml



#26 Chlordane-4

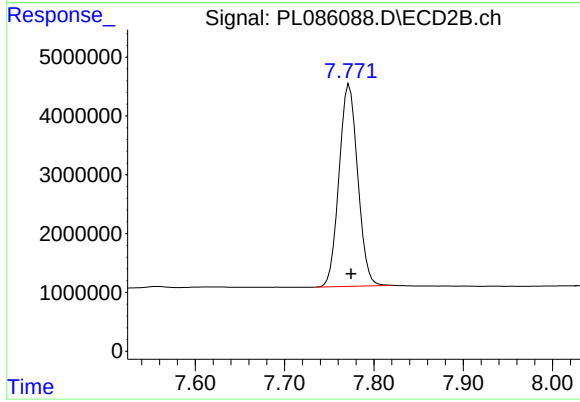
R.T.: 4.880 min  
Delta R.T.: -0.003 min  
Response: 54006510  
Conc: 466.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min  
Delta R.T.: -0.003 min  
Response: 118062692  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.002 min  
Response: 49925809  
Conc: 54.09 ng/ml