

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051823\  
 Data File : PL082785.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2023 11:12  
 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: May 18 21:05:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320  | 2.640  | 139.0E6  | 114.9E6  | 52.019   | 49.615     |
| 28)                         | SA Decachlor... | 8.741  | 7.749  | 102.9E6  | 111.0E6  | 53.893   | 48.619     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.769  | 3.137  | 214.5E6  | 169.3E6  | 53.900   | 49.743     |
| 3)                          | MA gamma-BHC... | 4.098  | 3.463  | 201.4E6  | 152.6E6  | 53.874   | 47.458     |
| 4)                          | MA Heptachlor   | 4.676  | 3.794  | 202.0E6  | 163.2E6  | 55.278   | 47.670     |
| 5)                          | MB Aldrin       | 5.013  | 4.071  | 180.8E6  | 158.4E6  | 54.818   | 50.278     |
| 6)                          | B beta-BHC      | 4.302  | 3.764  | 88385893 | 60603287 | 51.824   | 44.417     |
| 7)                          | B delta-BHC     | 4.543  | 3.989  | 187.9E6  | 155.4E6  | 52.239   | 50.656     |
| 8)                          | B Heptachlo...  | 5.439  | 4.572  | 166.0E6  | 138.0E6  | 54.435   | 47.892     |
| 9)                          | A Endosulfan I  | 5.820  | 4.940  | 152.0E6  | 129.8E6  | 54.835   | 48.609     |
| 10)                         | B gamma-Chl...  | 5.694  | 4.821  | 169.3E6  | 142.3E6  | 56.288   | 49.030     |
| 11)                         | B alpha-Chl...  | 5.772  | 4.884  | 162.9E6  | 142.1E6  | 54.575   | 48.957     |
| 12)                         | B 4,4'-DDE      | 5.950  | 5.075  | 141.0E6  | 116.2E6  | 55.471   | 50.523     |
| 13)                         | MA Dieldrin     | 6.095  | 5.204  | 151.1E6  | 122.8E6  | 54.749   | 45.493     |
| 14)                         | MA Endrin       | 6.322  | 5.478  | 133.7E6  | 107.1E6  | 55.151   | 43.806     |
| 15)                         | B Endosulfa...  | 6.544  | 5.775  | 143.0E6  | 110.3E6  | 58.733   | 48.932     |
| 16)                         | A 4,4'-DDD      | 6.466  | 5.630  | 111.7E6  | 93870920 | 55.099   | 50.188     |
| 17)                         | MA 4,4'-DDT     | 6.778  | 5.878  | 128.9E6  | 108.7E6  | 56.356   | 51.452     |
| 18)                         | B Endrin al...  | 6.675  | 5.955  | 100.4E6  | 92909883 | 53.272   | 49.648     |
| 19)                         | B Endosulfa...  | 6.909  | 6.178  | 128.4E6  | 116.5E6  | 54.122   | 49.471     |
| 20)                         | A Methoxychlor  | 7.259  | 6.458  | 67610457 | 53013990 | 55.403   | 43.747     |
| 21)                         | B Endrin ke...  | 7.388  | 6.682  | 131.0E6  | 106.8E6  | 54.721   | 42.087     |
| 22)                         | Mirex           | 7.853  | 6.854  | 102.2E6  | 94503704 | 52.240   | 41.013     |
| 23)                         | Chlordane-1     | 0.000  | 3.607f | 0        | 421506   | N.D.     | 4.753 #    |
| 24)                         | Chlordane-2     | 5.013f | 4.214  | 180.8E6  | 13389749 | 1518.371 | 119.399 #  |
| 25)                         | Chlordane-3     | 5.694  | 4.821  | 169.3E6  | 142.3E6  | 392.054  | 500.790 #  |
| 26)                         | Chlordane-4     | 5.772  | 4.884  | 162.9E6  | 142.1E6  | 313.293  | 476.246 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.775  | 0        | 110.3E6  | N.D.     | 1117.369 # |
| -----                       |                 |        |        |          |          |          |            |

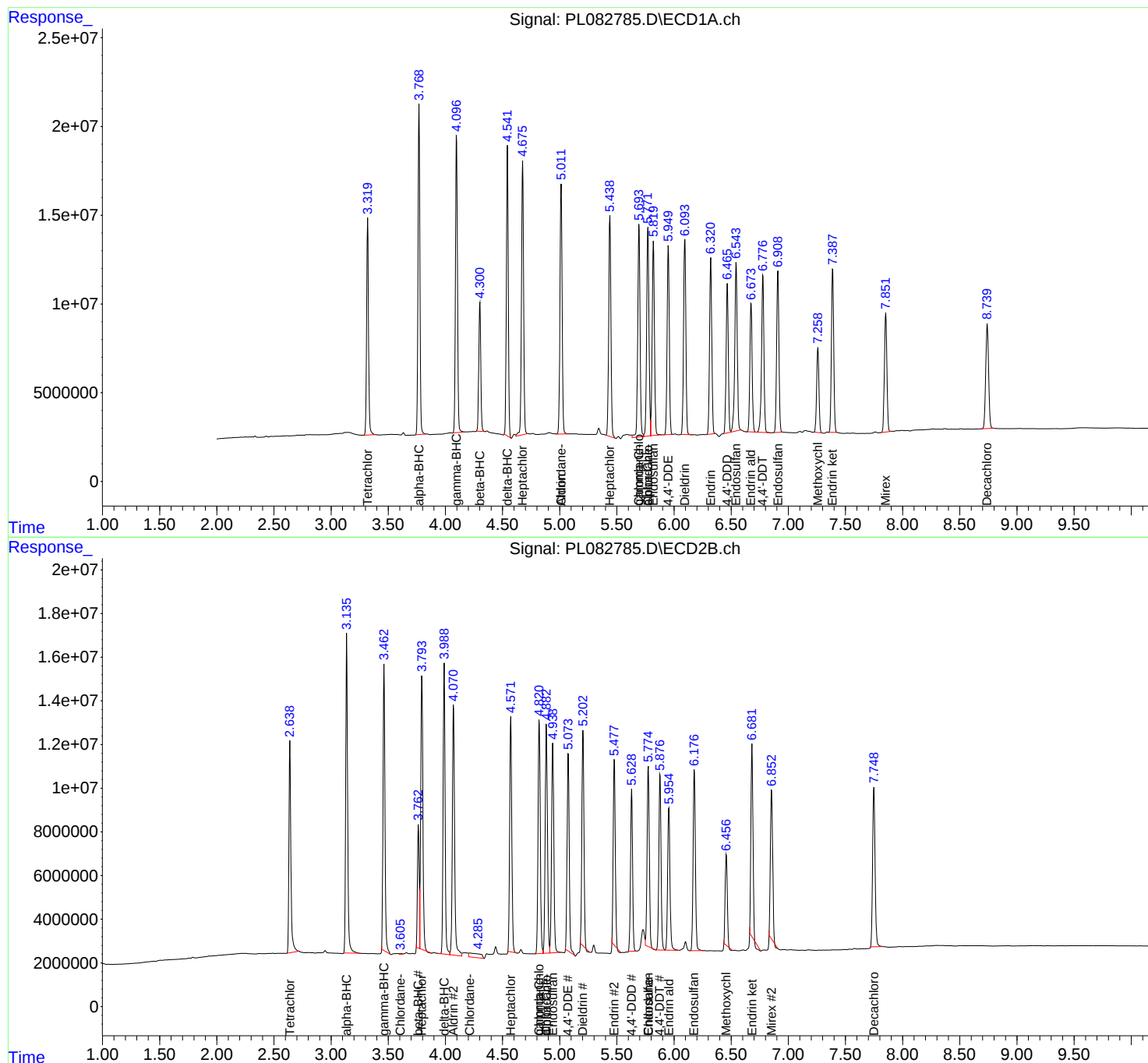
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

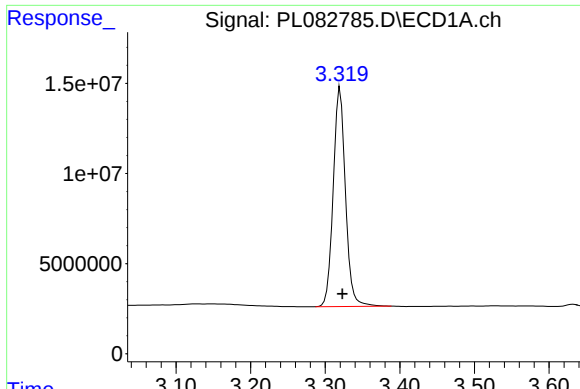
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051823\  
Data File : PL082785.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2023 11:12  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 21:05:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

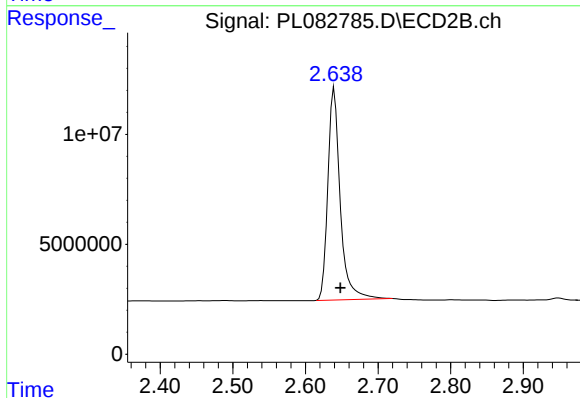




#1 Tetrachloro-m-xylene

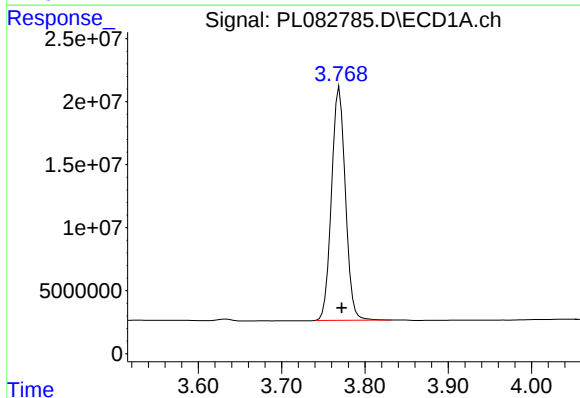
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 138954965  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



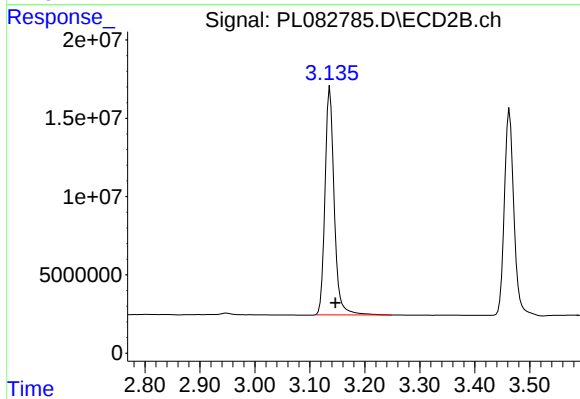
#1 Tetrachloro-m-xylene

R.T.: 2.640 min  
Delta R.T.: -0.008 min  
Response: 114945398  
Conc: 49.62 ng/ml



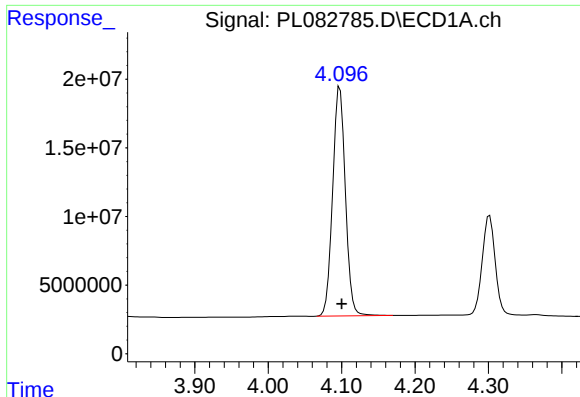
#2 alpha-BHC

R.T.: 3.769 min  
Delta R.T.: -0.003 min  
Response: 214536852  
Conc: 53.90 ng/ml



#2 alpha-BHC

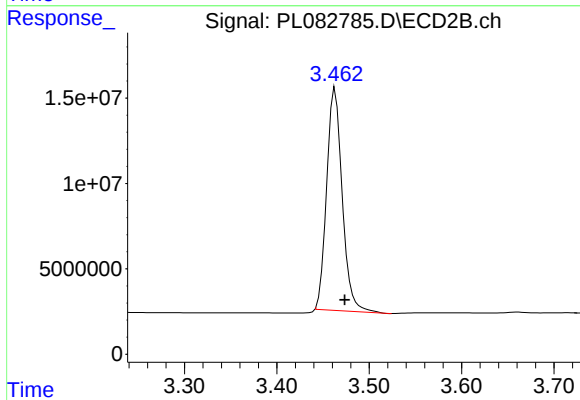
R.T.: 3.137 min  
Delta R.T.: -0.010 min  
Response: 169298340  
Conc: 49.74 ng/ml



#3 gamma-BHC (Lindane)

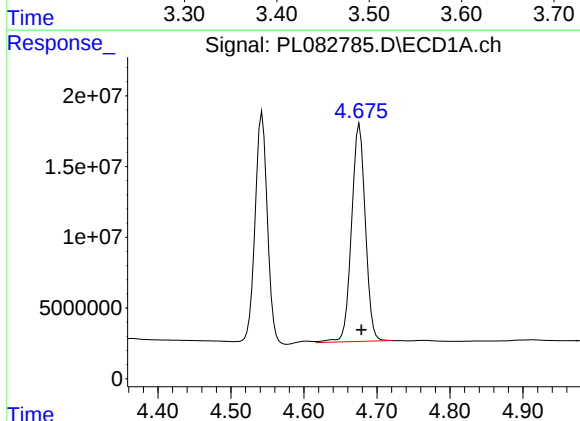
R.T.: 4.098 min  
Delta R.T.: -0.003 min  
Response: 201429765  
Conc: 53.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



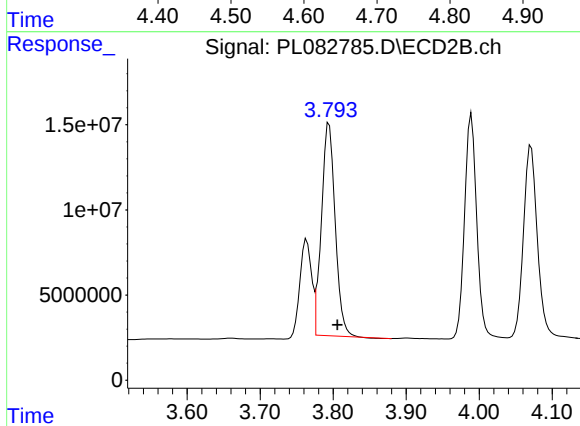
#3 gamma-BHC (Lindane)

R.T.: 3.463 min  
Delta R.T.: -0.010 min  
Response: 152591587  
Conc: 47.46 ng/ml



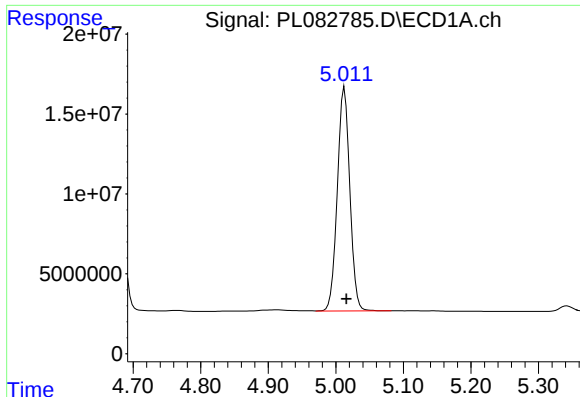
#4 Heptachlor

R.T.: 4.676 min  
Delta R.T.: -0.003 min  
Response: 201982823  
Conc: 55.28 ng/ml



#4 Heptachlor

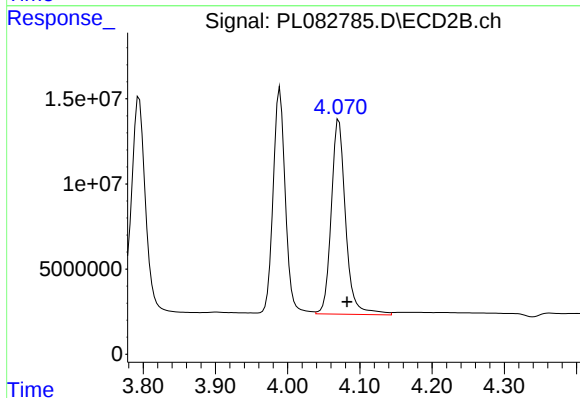
R.T.: 3.794 min  
Delta R.T.: -0.011 min  
Response: 163186281  
Conc: 47.67 ng/ml



#5 Aldrin

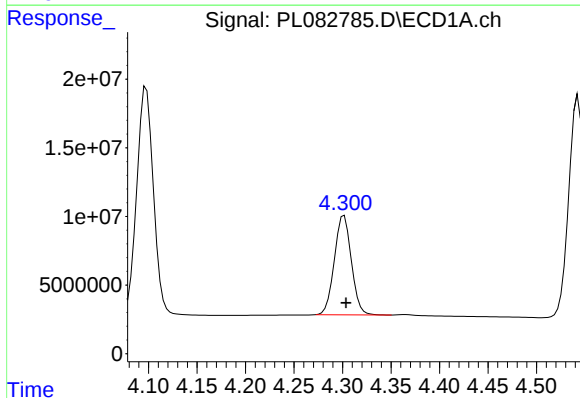
R.T.: 5.013 min  
Delta R.T.: -0.003 min  
Response: 180765856  
Conc: 54.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



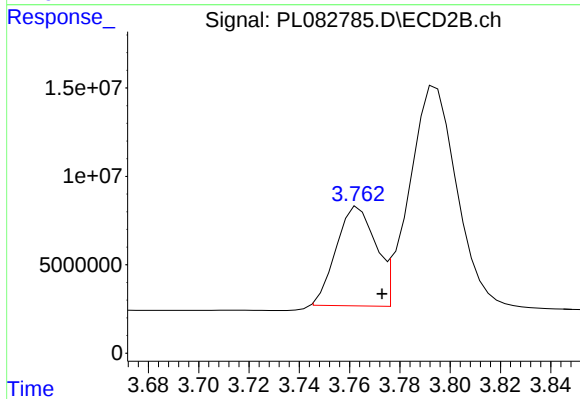
#5 Aldrin

R.T.: 4.071 min  
Delta R.T.: -0.011 min  
Response: 158368598  
Conc: 50.28 ng/ml



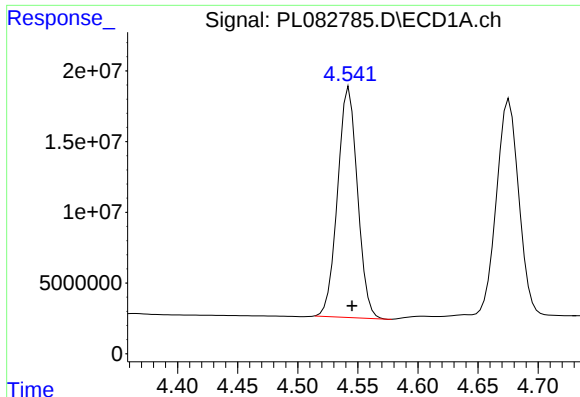
#6 beta-BHC

R.T.: 4.302 min  
Delta R.T.: -0.002 min  
Response: 88385893  
Conc: 51.82 ng/ml



#6 beta-BHC

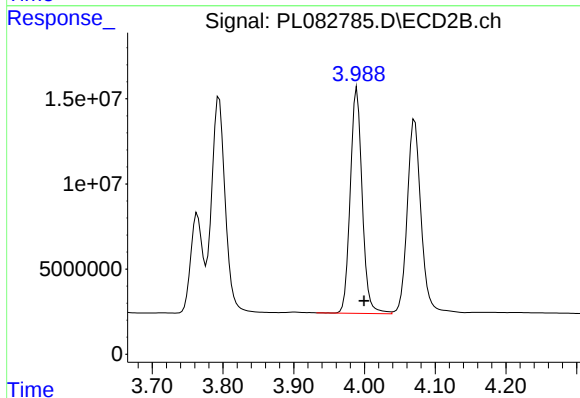
R.T.: 3.764 min  
Delta R.T.: -0.009 min  
Response: 60603287  
Conc: 44.42 ng/ml



#7 delta-BHC

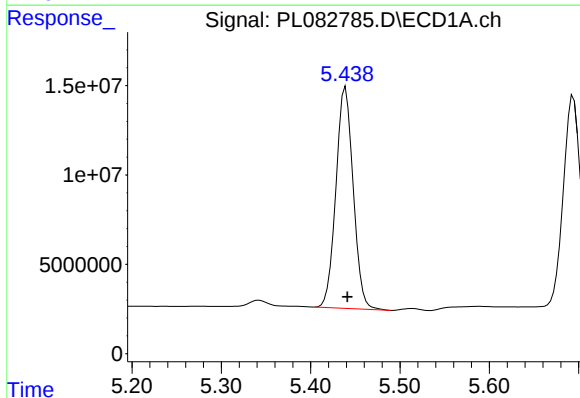
R.T.: 4.543 min  
Delta R.T.: -0.002 min  
Response: 187945495  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



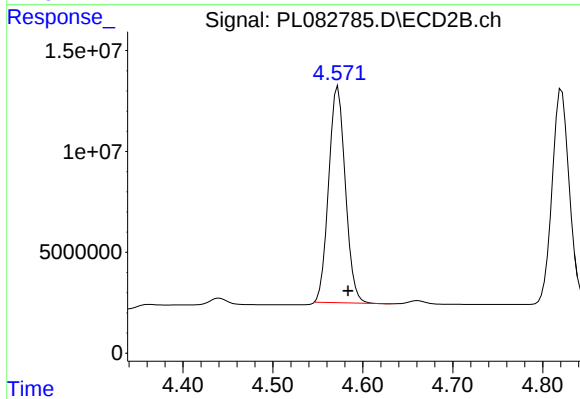
#7 delta-BHC

R.T.: 3.989 min  
Delta R.T.: -0.010 min  
Response: 155380728  
Conc: 50.66 ng/ml



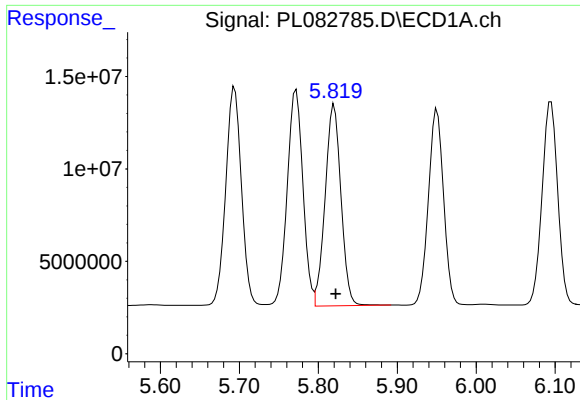
#8 Heptachlor epoxide

R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 166045369  
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

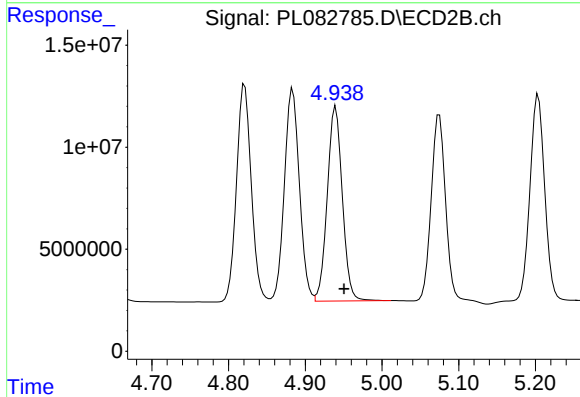
R.T.: 4.572 min  
Delta R.T.: -0.011 min  
Response: 137972070  
Conc: 47.89 ng/ml



#9 Endosulfan I

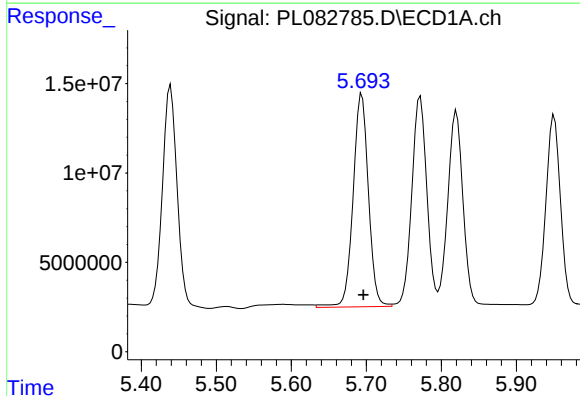
R.T.: 5.820 min  
Delta R.T.: -0.002 min  
Response: 152043764  
Conc: 54.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



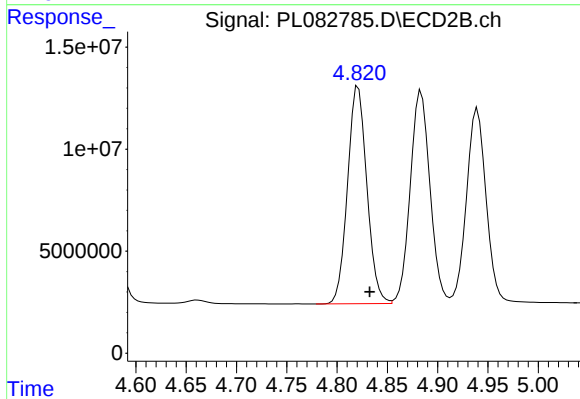
#9 Endosulfan I

R.T.: 4.940 min  
Delta R.T.: -0.011 min  
Response: 129757885  
Conc: 48.61 ng/ml



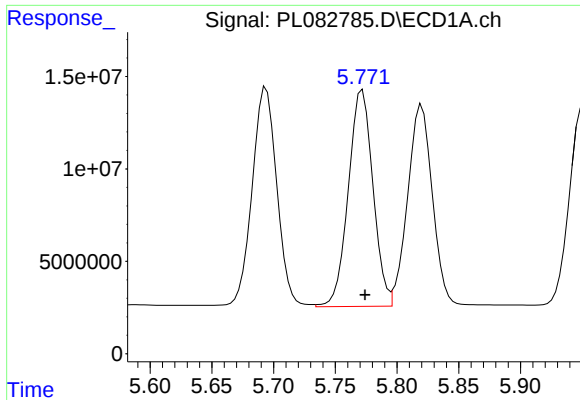
#10 gamma-Chlordane

R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 169251209  
Conc: 56.29 ng/ml



#10 gamma-Chlordane

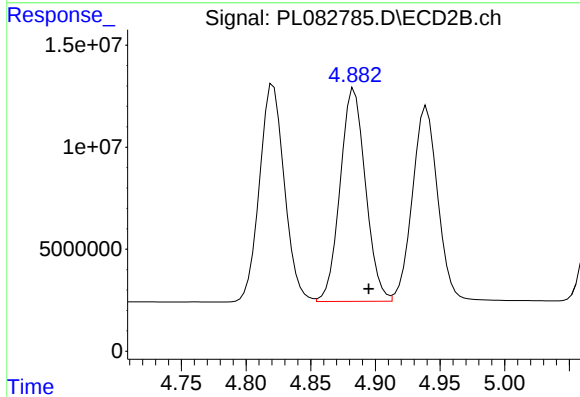
R.T.: 4.821 min  
Delta R.T.: -0.011 min  
Response: 142279187  
Conc: 49.03 ng/ml



#11 alpha-Chlordane

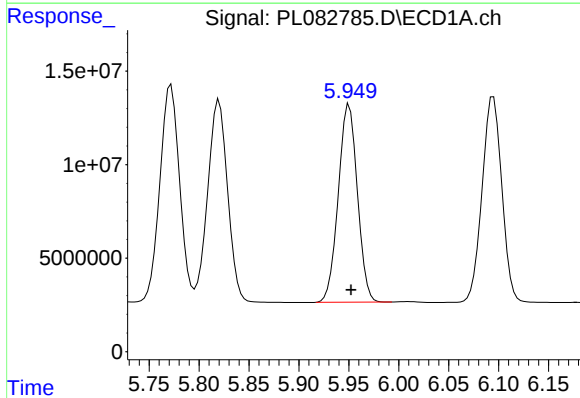
R.T.: 5.772 min  
Delta R.T.: -0.002 min  
Response: 162885889  
Conc: 54.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



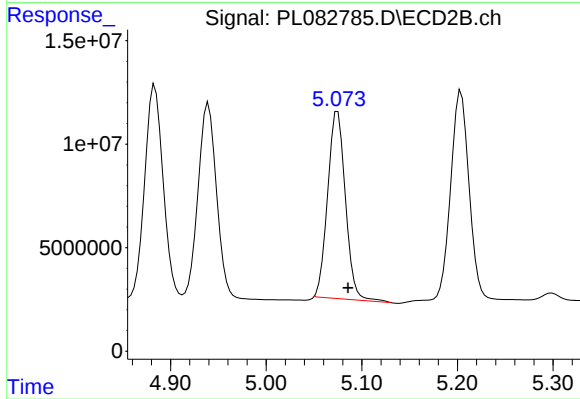
#11 alpha-Chlordane

R.T.: 4.884 min  
Delta R.T.: -0.011 min  
Response: 142114949  
Conc: 48.96 ng/ml



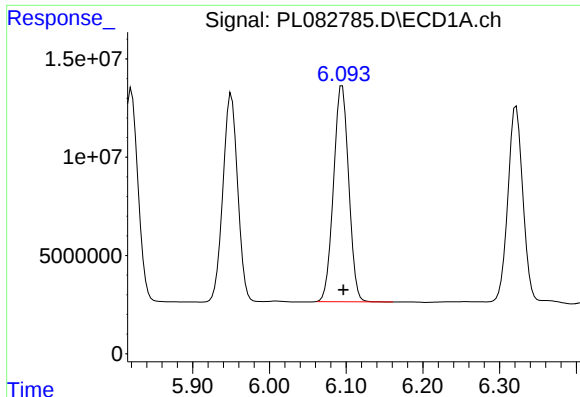
#12 4,4'-DDE

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 141009121  
Conc: 55.47 ng/ml



#12 4,4'-DDE

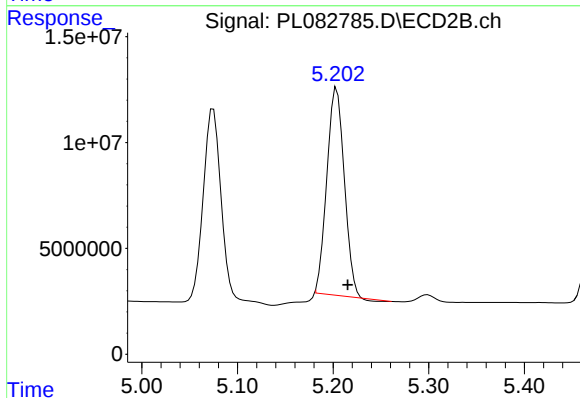
R.T.: 5.075 min  
Delta R.T.: -0.011 min  
Response: 116150645  
Conc: 50.52 ng/ml



#13 Dieldrin

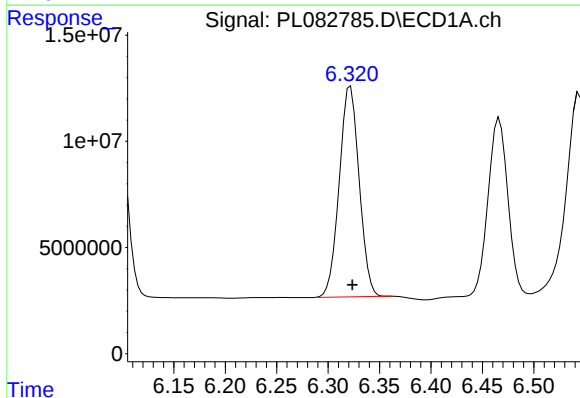
R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 151060392  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



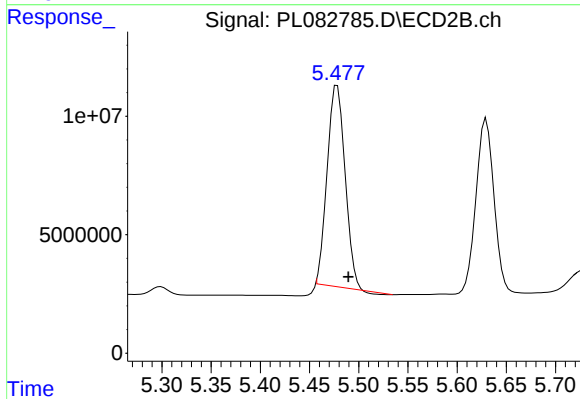
#13 Dieldrin

R.T.: 5.204 min  
Delta R.T.: -0.012 min  
Response: 122848332  
Conc: 45.49 ng/ml



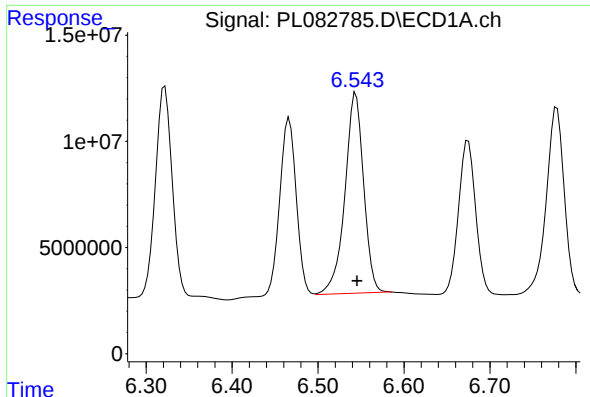
#14 Endrin

R.T.: 6.322 min  
Delta R.T.: -0.002 min  
Response: 133717001  
Conc: 55.15 ng/ml



#14 Endrin

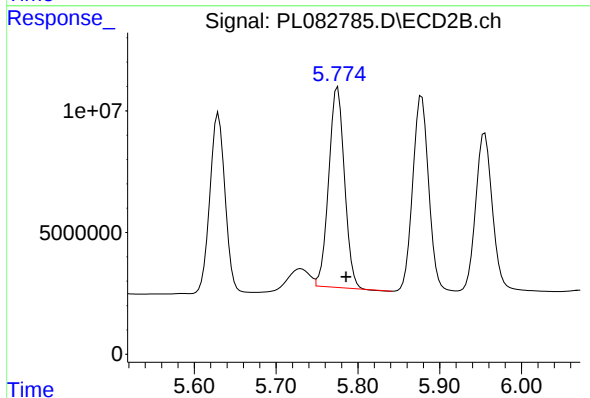
R.T.: 5.478 min  
Delta R.T.: -0.011 min  
Response: 107148202  
Conc: 43.81 ng/ml



#15 Endosulfan II

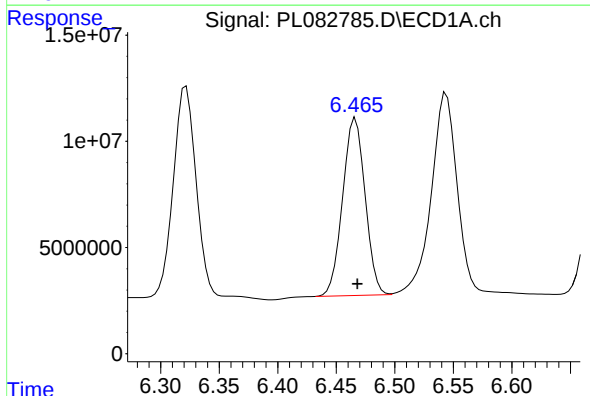
R.T.: 6.544 min  
Delta R.T.: -0.001 min  
Response: 142988913  
Conc: 58.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



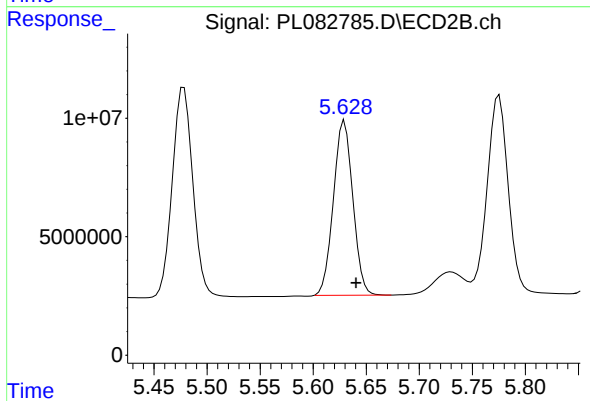
#15 Endosulfan II

R.T.: 5.775 min  
Delta R.T.: -0.010 min  
Response: 110298187  
Conc: 48.93 ng/ml



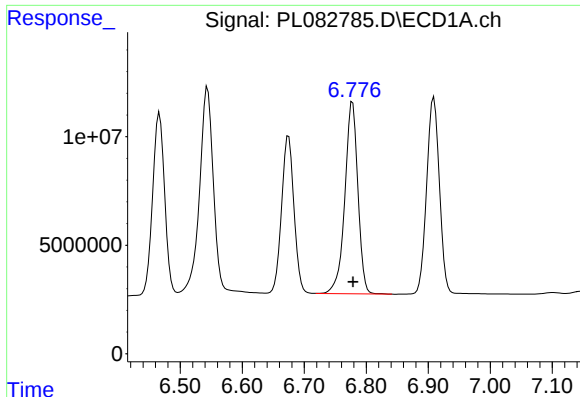
#16 4,4'-DDD

R.T.: 6.466 min  
Delta R.T.: -0.002 min  
Response: 111696512  
Conc: 55.10 ng/ml



#16 4,4'-DDD

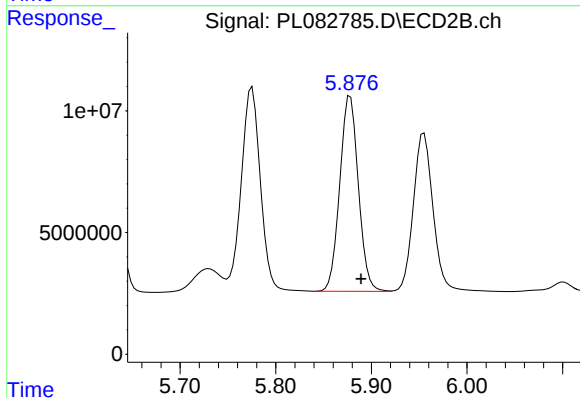
R.T.: 5.630 min  
Delta R.T.: -0.011 min  
Response: 93870920  
Conc: 50.19 ng/ml



#17 4,4'-DDT

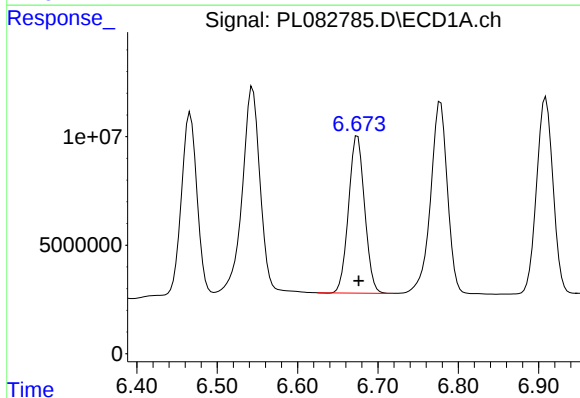
R.T.: 6.778 min  
Delta R.T.: -0.001 min  
Response: 128926471  
Conc: 56.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



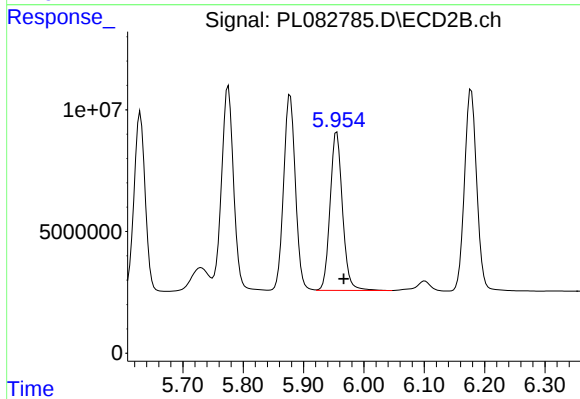
#17 4,4'-DDT

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 108697986  
Conc: 51.45 ng/ml



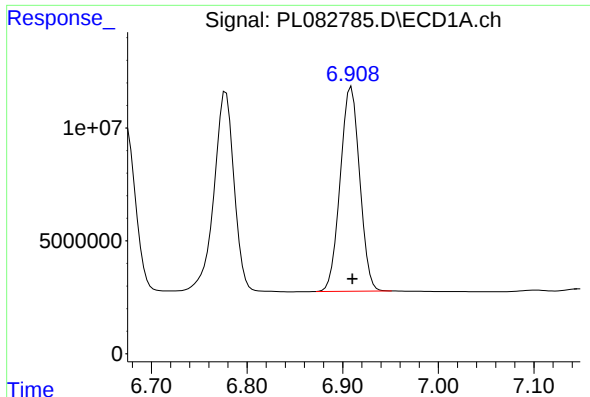
#18 Endrin aldehyde

R.T.: 6.675 min  
Delta R.T.: -0.001 min  
Response: 100374037  
Conc: 53.27 ng/ml



#18 Endrin aldehyde

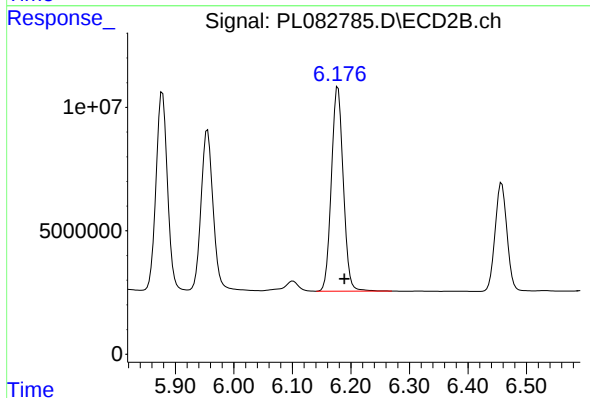
R.T.: 5.955 min  
Delta R.T.: -0.011 min  
Response: 92909883  
Conc: 49.65 ng/ml



#19 Endosulfan Sulfate

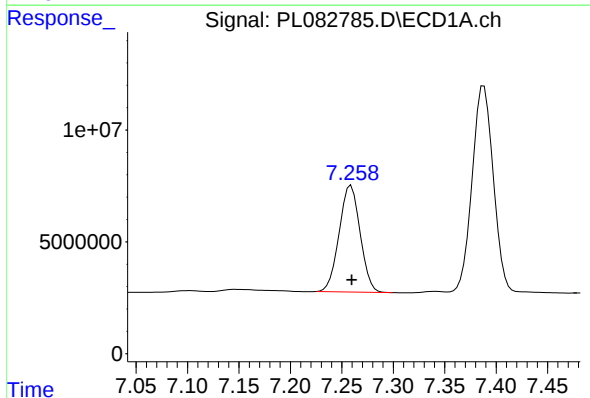
R.T.: 6.909 min  
Delta R.T.: -0.001 min  
Response: 128351243  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



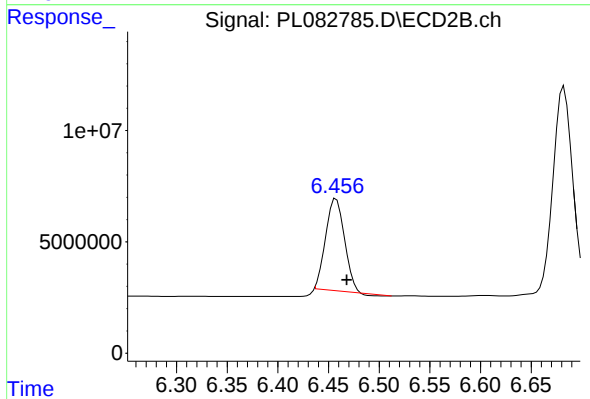
#19 Endosulfan Sulfate

R.T.: 6.178 min  
Delta R.T.: -0.011 min  
Response: 116467541  
Conc: 49.47 ng/ml



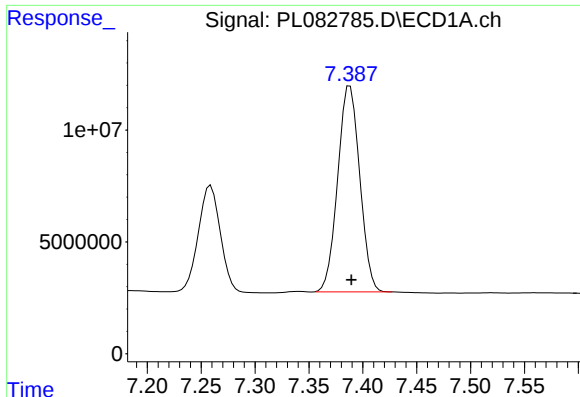
#20 Methoxychlor

R.T.: 7.259 min  
Delta R.T.: 0.000 min  
Response: 67610457  
Conc: 55.40 ng/ml



#20 Methoxychlor

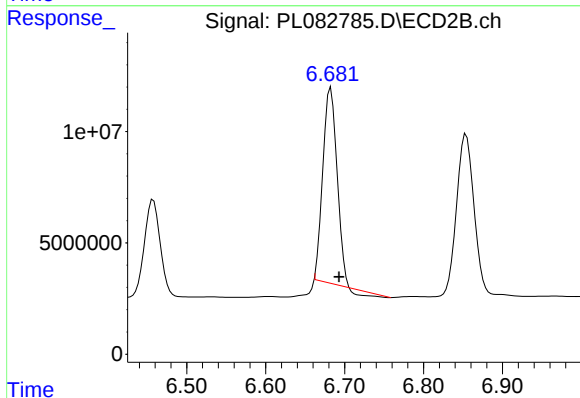
R.T.: 6.458 min  
Delta R.T.: -0.011 min  
Response: 53013990  
Conc: 43.75 ng/ml



#21 Endrin ketone

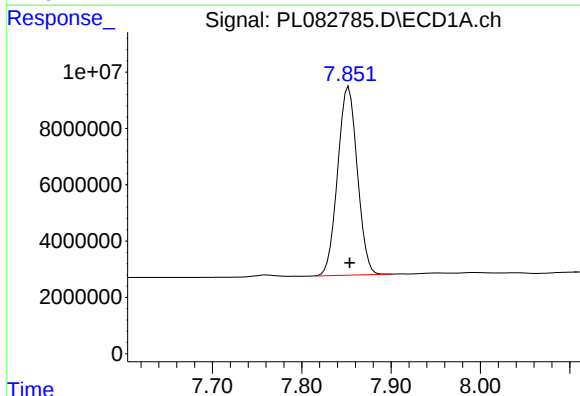
R.T.: 7.388 min  
Delta R.T.: -0.001 min  
Response: 131023517  
Conc: 54.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



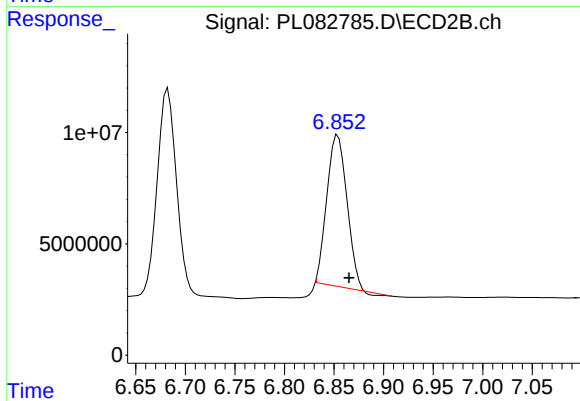
#21 Endrin ketone

R.T.: 6.682 min  
Delta R.T.: -0.010 min  
Response: 106825752  
Conc: 42.09 ng/ml



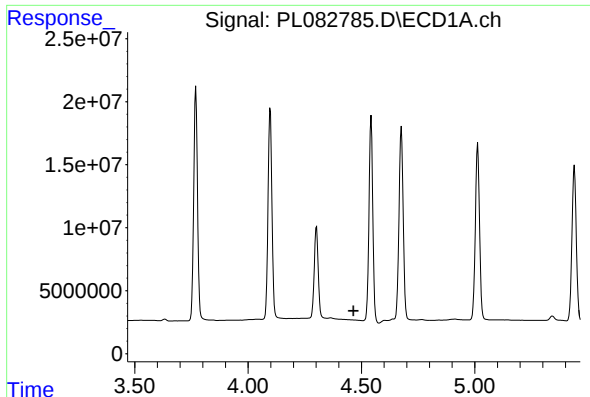
#22 Mirex

R.T.: 7.853 min  
Delta R.T.: -0.001 min  
Response: 102198647  
Conc: 52.24 ng/ml



#22 Mirex

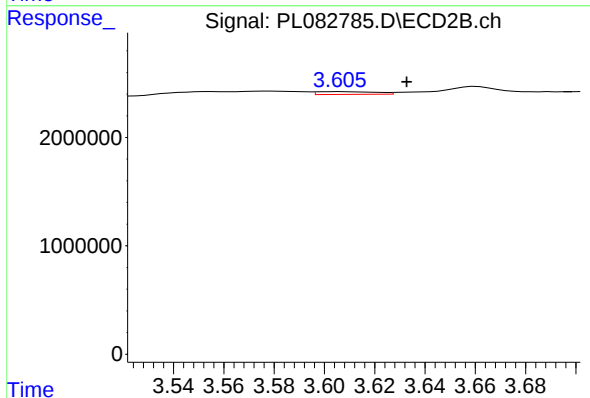
R.T.: 6.854 min  
Delta R.T.: -0.011 min  
Response: 94503704  
Conc: 41.01 ng/ml



#23 Chlordane-1

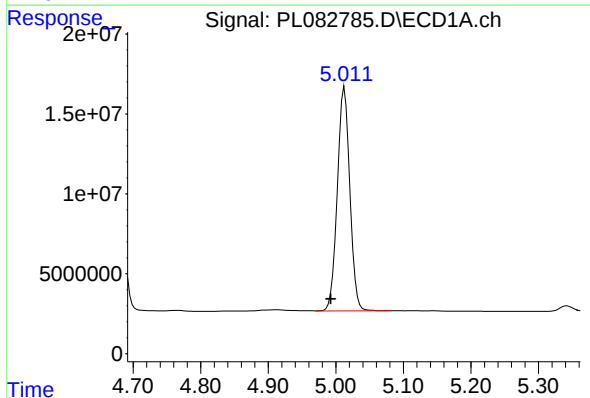
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



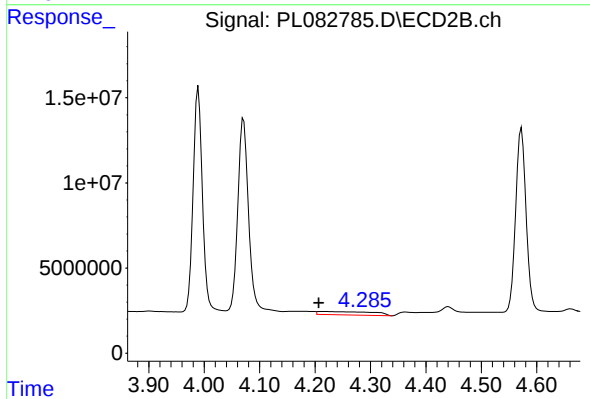
#23 Chlordane-1

R.T.: 3.607 min  
Delta R.T.: -0.026 min  
Response: 421506  
Conc: 4.75 ng/ml



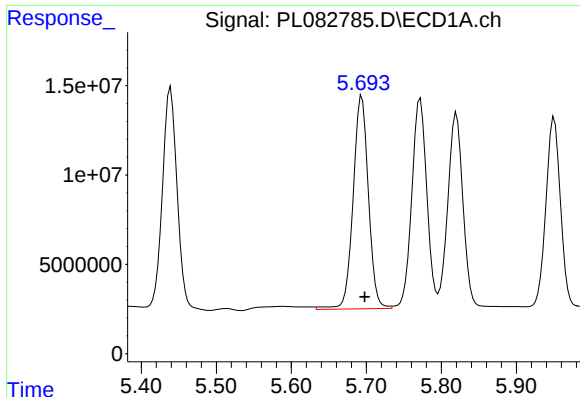
#24 Chlordane-2

R.T.: 5.013 min  
Delta R.T.: 0.020 min  
Response: 180765856  
Conc: 1518.37 ng/ml



#24 Chlordane-2

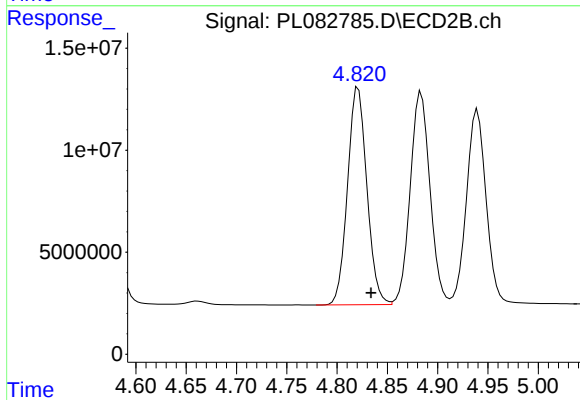
R.T.: 4.214 min  
Delta R.T.: 0.008 min  
Response: 13389749  
Conc: 119.40 ng/ml



#25 Chlordane-3

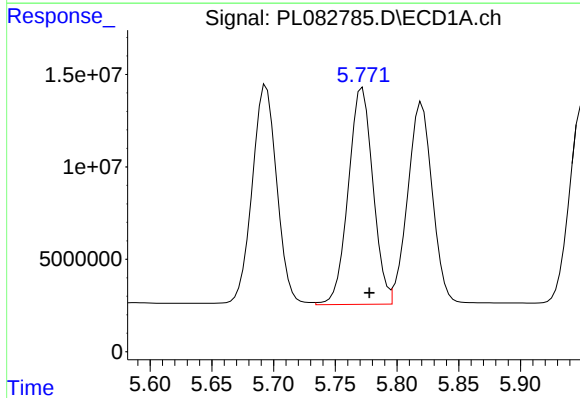
R.T.: 5.694 min  
Delta R.T.: -0.004 min  
Response: 169251209  
Conc: 392.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



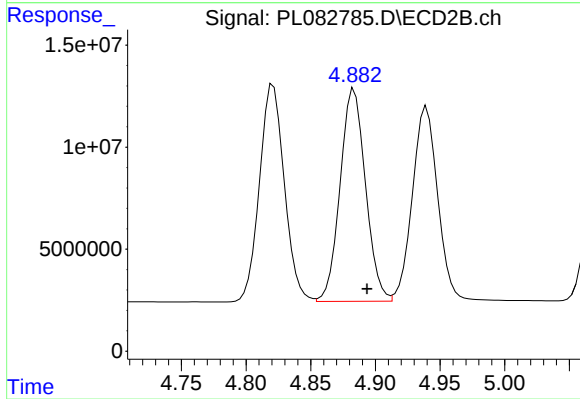
#25 Chlordane-3

R.T.: 4.821 min  
Delta R.T.: -0.013 min  
Response: 142279187  
Conc: 500.79 ng/ml



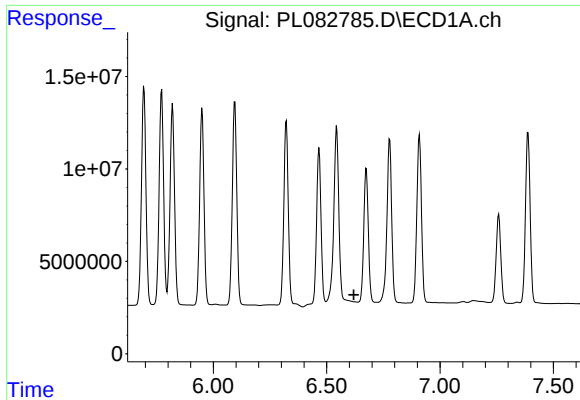
#26 Chlordane-4

R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 162885889  
Conc: 313.29 ng/ml



#26 Chlordane-4

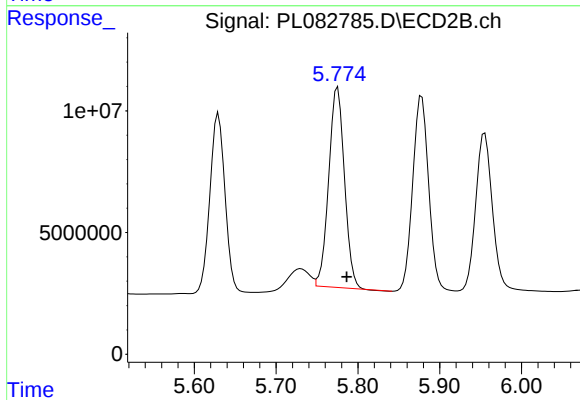
R.T.: 4.884 min  
Delta R.T.: -0.010 min  
Response: 142114949  
Conc: 476.25 ng/ml



#27 Chlordane-5

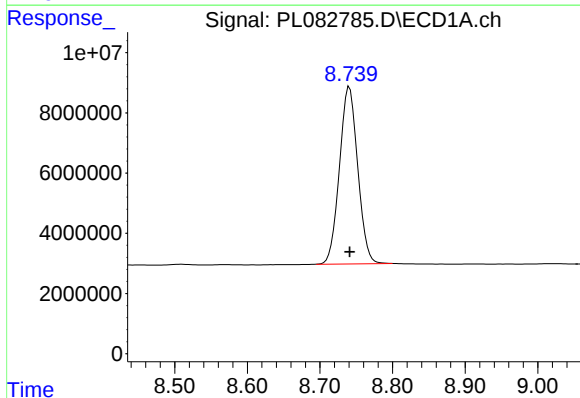
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



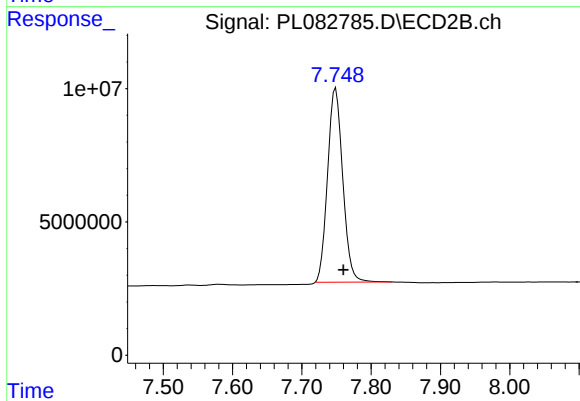
#27 Chlordane-5

R.T.: 5.775 min  
Delta R.T.: -0.011 min  
Response: 110298187  
Conc: 1117.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min  
Delta R.T.: 0.000 min  
Response: 102885442  
Conc: 53.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: -0.011 min  
Response: 110973460  
Conc: 48.62 ng/ml