

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
 Data File : PL082751.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2023 13:54  
 Operator : AR\AJ  
 Sample : PB152849BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 21:08:11 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... | 3.322  | 2.642 | 62326569 | 49750121 | 23.333   | 21.474     |
| 28)                         | SA Decachlor... | 8.744  | 7.753 | 47956167 | 51009000 | 25.120   | 22.348     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.772  | 3.139 | 223.9E6  | 166.6E6  | 56.264   | 48.964     |
| 3)                          | MA gamma-BHC... | 4.099  | 3.466 | 206.9E6  | 157.4E6  | 55.347   | 48.961     |
| 4)                          | MA Heptachlor   | 4.678  | 3.798 | 202.9E6  | 158.7E6  | 55.520   | 46.359     |
| 5)                          | MB Aldrin       | 5.015  | 4.074 | 185.6E6  | 155.9E6  | 56.281   | 49.487     |
| 6)                          | B beta-BHC      | 4.303  | 3.767 | 89320940 | 65120503 | 52.372   | 47.728     |
| 7)                          | B delta-BHC     | 4.545  | 3.992 | 207.5E6  | 155.7E6  | 57.679   | 50.767     |
| 8)                          | B Heptachlo...  | 5.442  | 4.576 | 170.6E6  | 140.3E6  | 55.937   | 48.689     |
| 9)                          | A Endosulfan I  | 5.822  | 4.943 | 154.9E6  | 131.4E6  | 55.877   | 49.235     |
| 10)                         | B gamma-Chl...  | 5.696  | 4.825 | 178.6E6  | 143.7E6  | 59.405   | 49.521     |
| 11)                         | B alpha-Chl...  | 5.774  | 4.887 | 169.3E6  | 142.4E6  | 56.723   | 49.048     |
| 12)                         | B 4,4'-DDE      | 5.953  | 5.078 | 150.5E6  | 122.4E6  | 59.188   | 53.257     |
| 13)                         | MA Dieldrin     | 6.097  | 5.208 | 159.9E6  | 132.1E6  | 57.967   | 48.910     |
| 14)                         | MA Endrin       | 6.324  | 5.482 | 135.6E6  | 114.6E6  | 55.936   | 46.854     |
| 15)                         | B Endosulfa...  | 6.547  | 5.779 | 130.9E6  | 115.6E6  | 53.787   | 51.281     |
| 16)                         | A 4,4'-DDD      | 6.469  | 5.633 | 123.9E6  | 105.3E6  | 61.134   | 56.313     |
| 17)                         | MA 4,4'-DDT     | 6.780  | 5.882 | 123.7E6  | 103.8E6  | 54.086   | 49.143     |
| 18)                         | B Endrin al...  | 6.677  | 5.959 | 106.6E6  | 93119641 | 56.565   | 49.760     |
| 19)                         | B Endosulfa...  | 6.911  | 6.181 | 131.3E6  | 117.6E6  | 55.384   | 49.966     |
| 20)                         | A Methoxychlor  | 7.261  | 6.461 | 64541126 | 56029478 | 52.888   | 46.235     |
| 21)                         | B Endrin ke...  | 7.391  | 6.686 | 136.4E6  | 128.4E6  | 56.982   | 50.593     |
| 22)                         | Mirex           | 7.856  | 6.858 | 98985634 | 99272646 | 50.598   | 43.082     |
| 23)                         | Chlordane-1     | 4.492f | 3.644 | 304164   | 547298   | 2.752    | 6.171 #    |
| 24)                         | Chlordane-2     | 5.015f | 4.218 | 185.6E6  | 1863018  | 1558.896 | 16.613 #   |
| 25)                         | Chlordane-3     | 5.696  | 4.825 | 178.6E6  | 143.7E6  | 413.763  | 505.800    |
| 26)                         | Chlordane-4     | 5.774  | 4.887 | 169.3E6  | 142.4E6  | 325.624  | 477.129 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.779 | 0        | 115.6E6  | N.D.     | 1171.018 # |
| -----                       |                 |        |       |          |          |          |            |

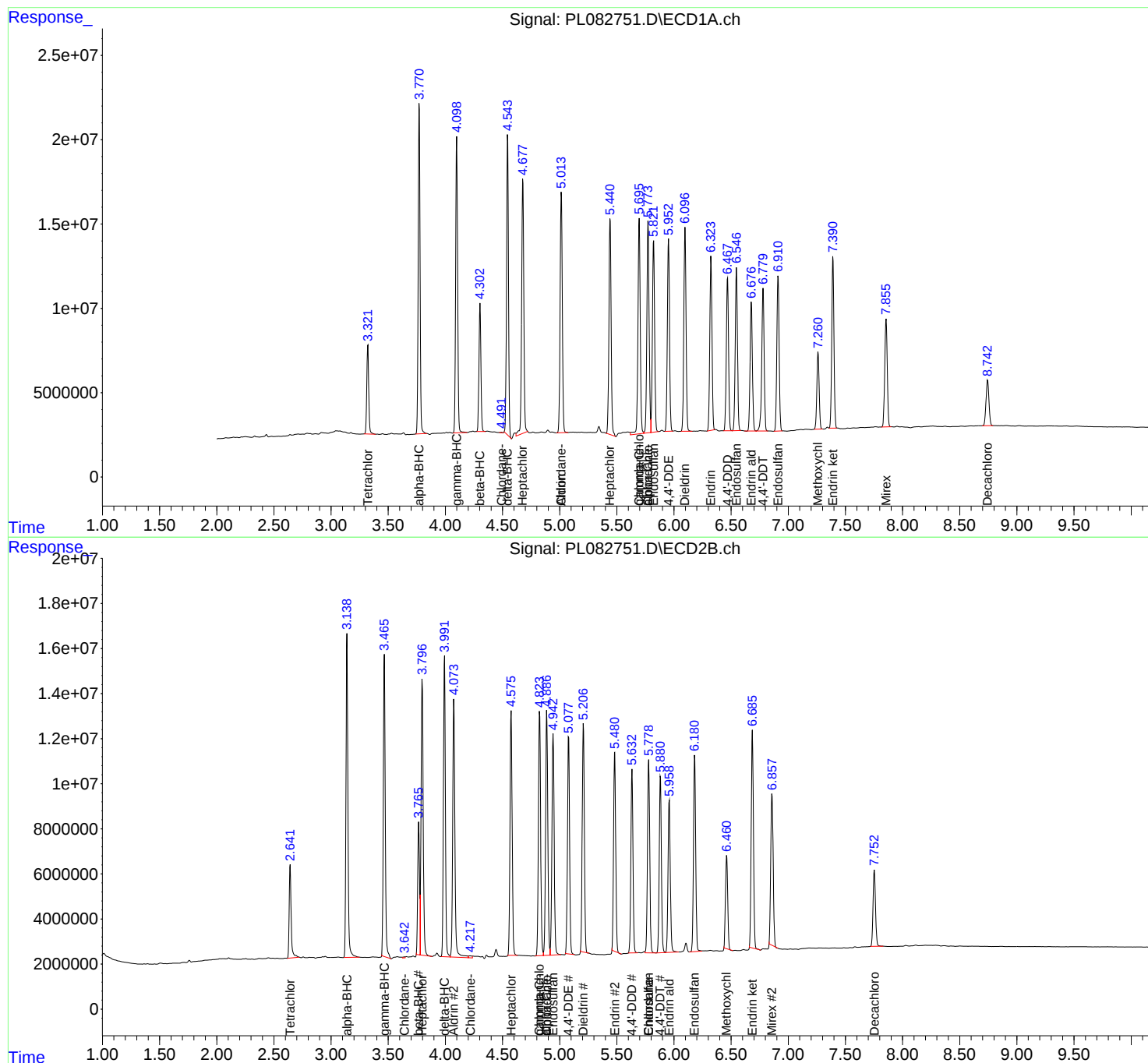
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

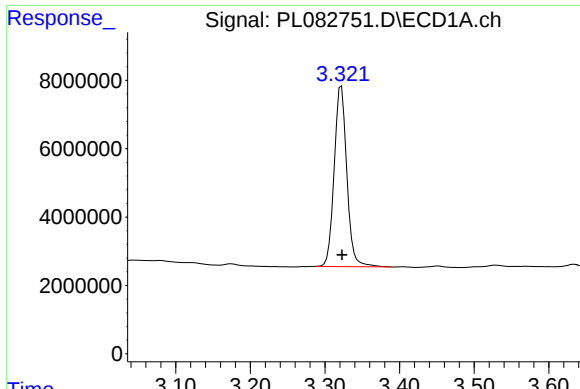
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
Data File : PL082751.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2023 13:54  
Operator : AR\AJ  
Sample : PB152849BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 21:08:11 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

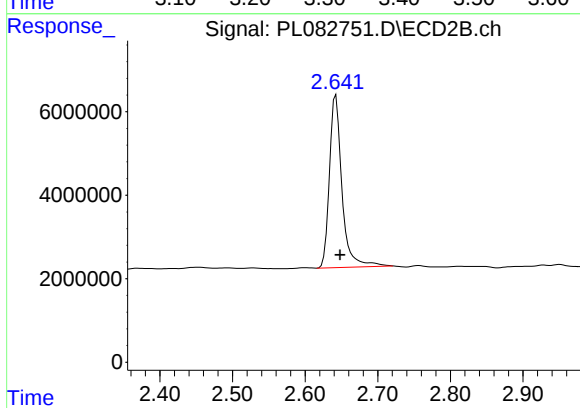




#1 Tetrachloro-m-xylene

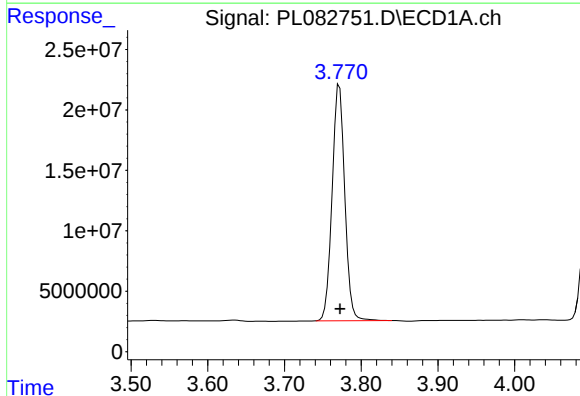
R.T.: 3.322 min  
Delta R.T.: 0.000 min  
Response: 62326569  
Conc: 23.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



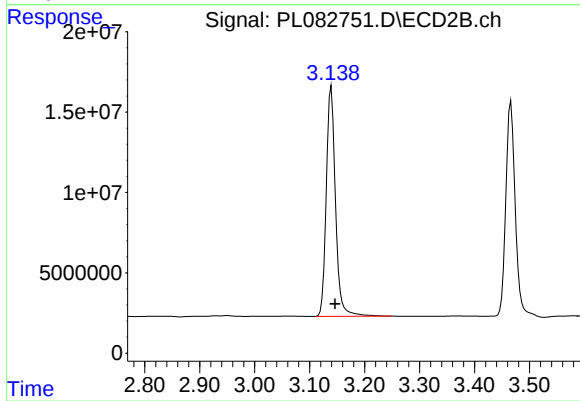
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.006 min  
Response: 49750121  
Conc: 21.47 ng/ml



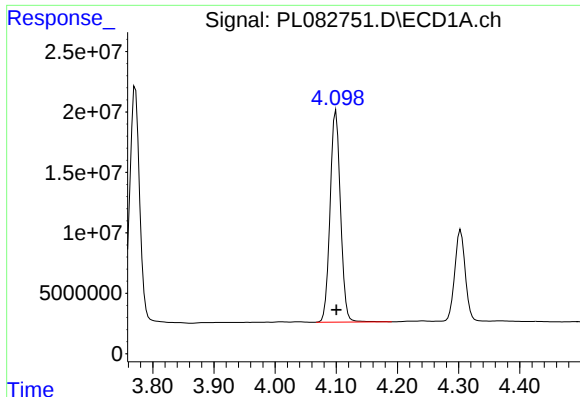
#2 alpha-BHC

R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 223942883  
Conc: 56.26 ng/ml



#2 alpha-BHC

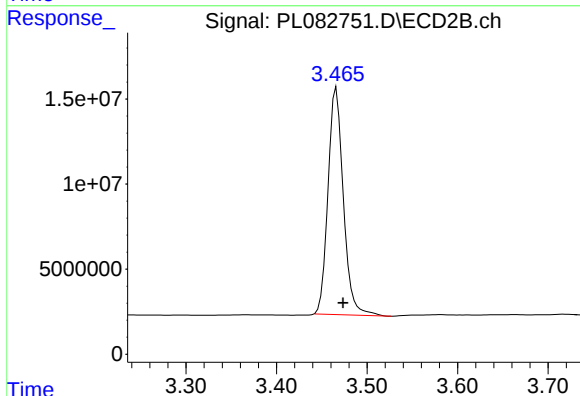
R.T.: 3.139 min  
Delta R.T.: -0.007 min  
Response: 166647142  
Conc: 48.96 ng/ml



#3 gamma-BHC (Lindane)

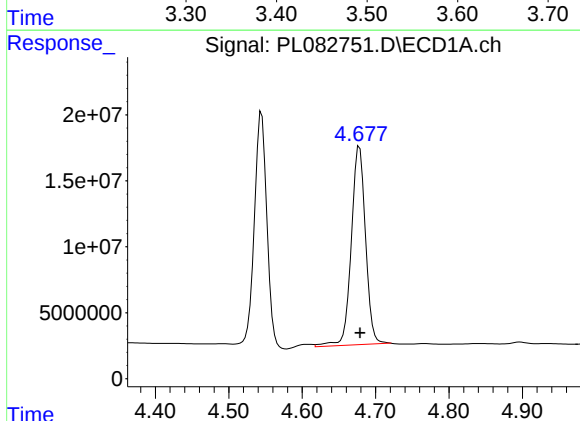
R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 206939888  
Conc: 55.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



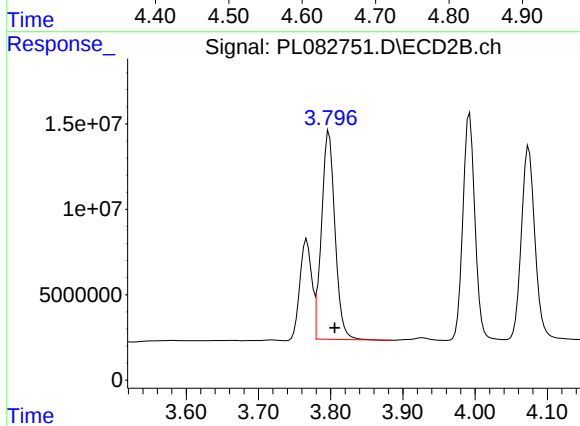
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.007 min  
Response: 157423491  
Conc: 48.96 ng/ml



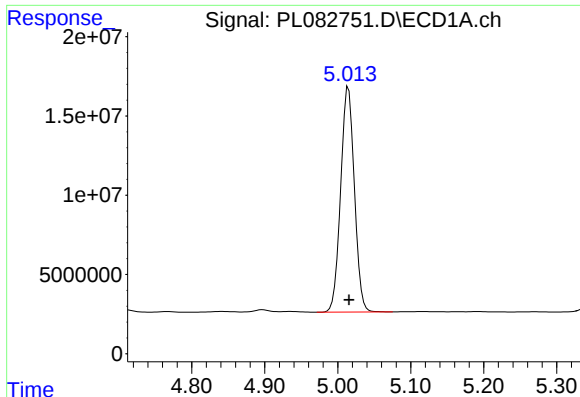
#4 Heptachlor

R.T.: 4.678 min  
Delta R.T.: 0.000 min  
Response: 202867824  
Conc: 55.52 ng/ml



#4 Heptachlor

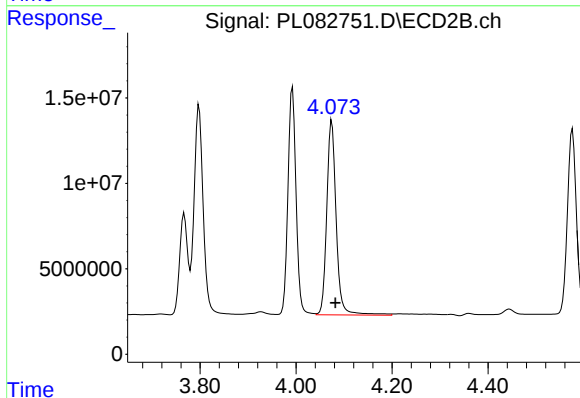
R.T.: 3.798 min  
Delta R.T.: -0.008 min  
Response: 158696950  
Conc: 46.36 ng/ml



#5 Aldrin

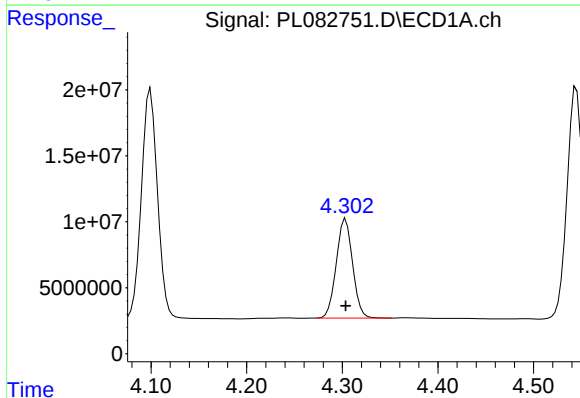
R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 185590349  
Conc: 56.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



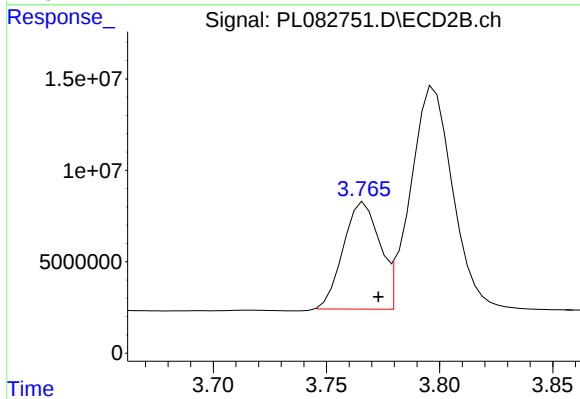
#5 Aldrin

R.T.: 4.074 min  
Delta R.T.: -0.008 min  
Response: 155876719  
Conc: 49.49 ng/ml



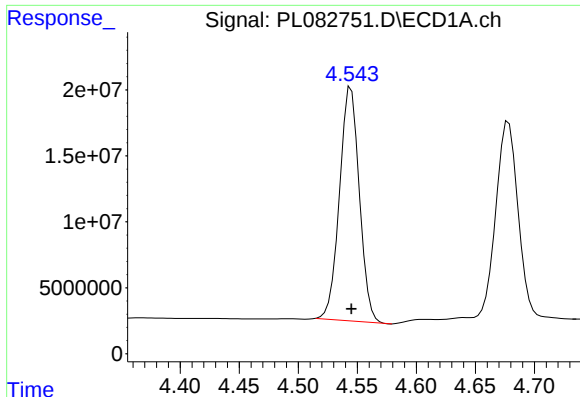
#6 beta-BHC

R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 89320940  
Conc: 52.37 ng/ml



#6 beta-BHC

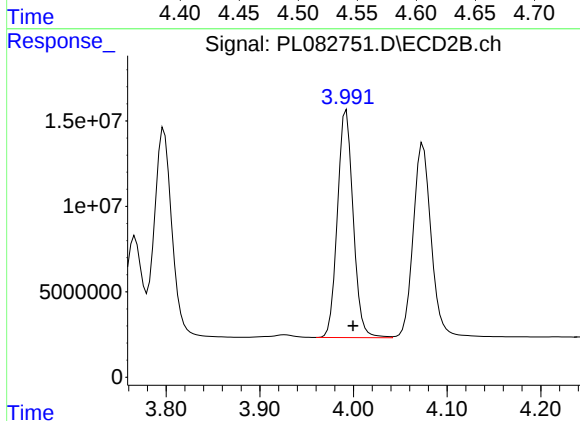
R.T.: 3.767 min  
Delta R.T.: -0.006 min  
Response: 65120503  
Conc: 47.73 ng/ml



#7 delta-BHC

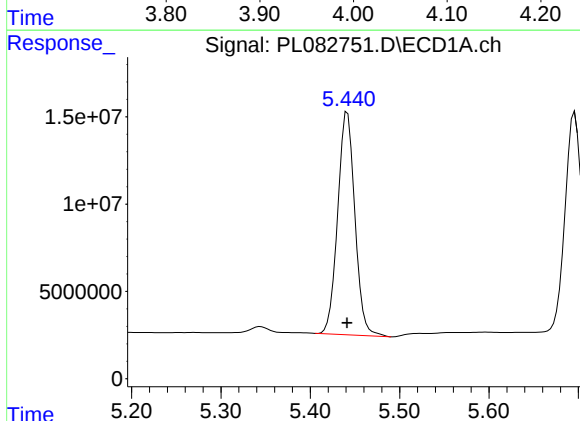
R.T.: 4.545 min  
Delta R.T.: 0.000 min  
Response: 207514931  
Conc: 57.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



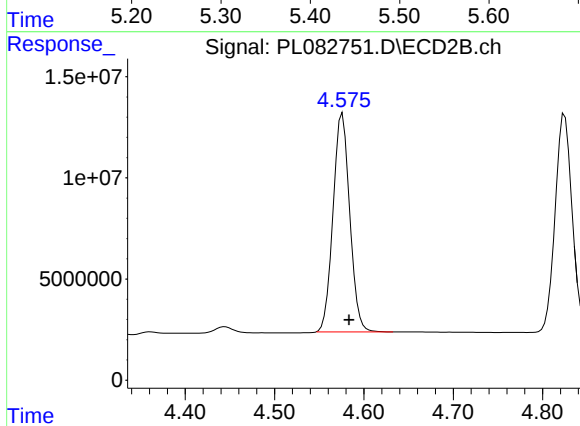
#7 delta-BHC

R.T.: 3.992 min  
Delta R.T.: -0.007 min  
Response: 155721877  
Conc: 50.77 ng/ml



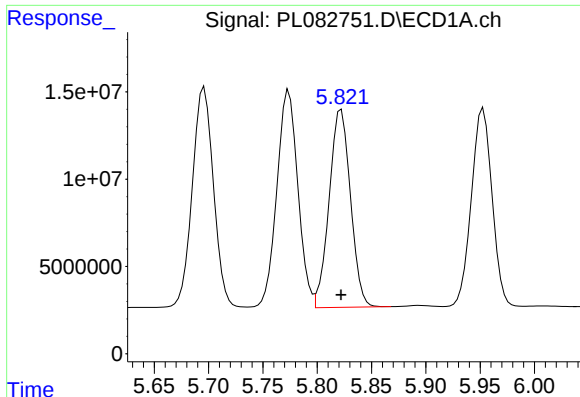
#8 Heptachlor epoxide

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 170627301  
Conc: 55.94 ng/ml



#8 Heptachlor epoxide

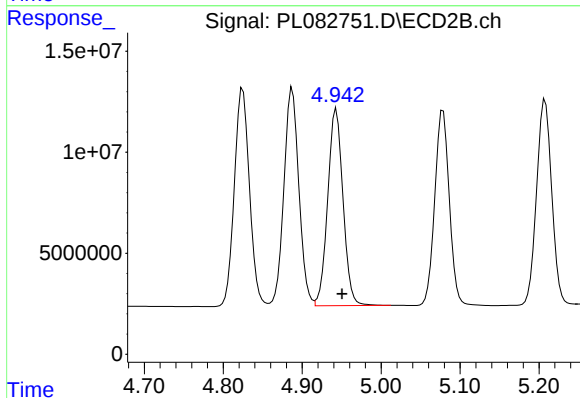
R.T.: 4.576 min  
Delta R.T.: -0.007 min  
Response: 140266310  
Conc: 48.69 ng/ml



#9 Endosulfan I

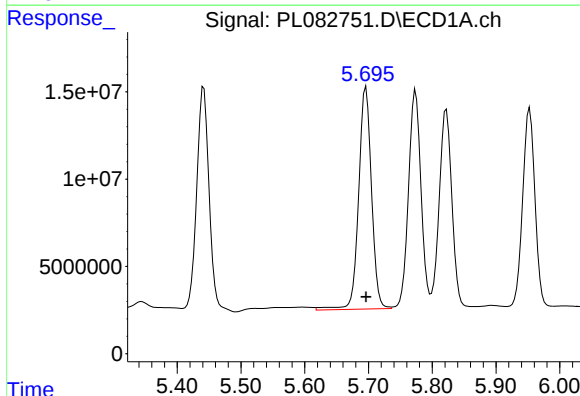
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 154931020  
Conc: 55.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



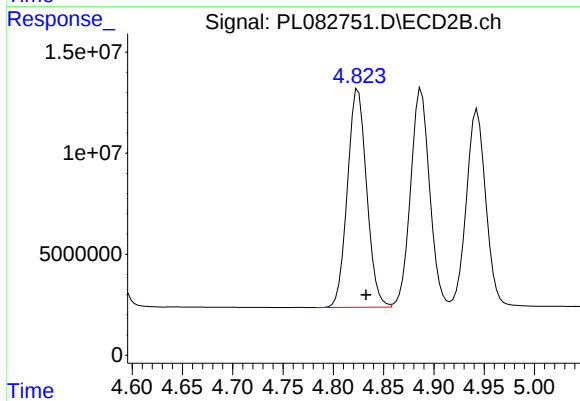
#9 Endosulfan I

R.T.: 4.943 min  
Delta R.T.: -0.007 min  
Response: 131429820  
Conc: 49.23 ng/ml



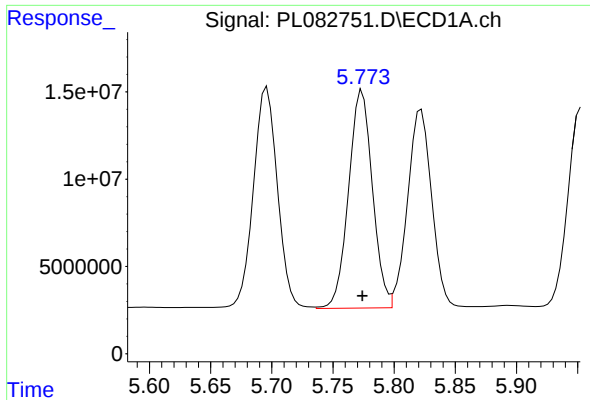
#10 gamma-Chlordane

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 178623068  
Conc: 59.40 ng/ml



#10 gamma-Chlordane

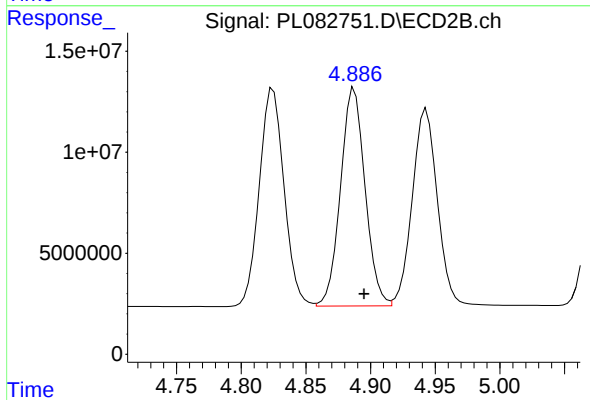
R.T.: 4.825 min  
Delta R.T.: -0.008 min  
Response: 143702588  
Conc: 49.52 ng/ml



#11 alpha-Chlordane

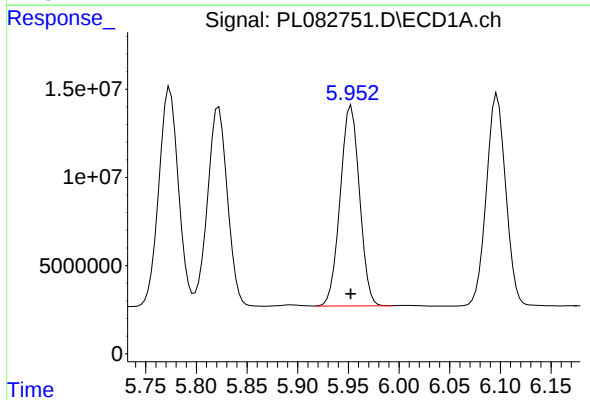
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 169296948  
Conc: 56.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



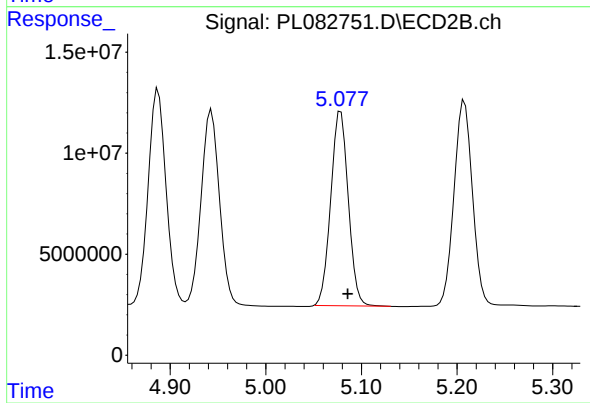
#11 alpha-Chlordane

R.T.: 4.887 min  
Delta R.T.: -0.007 min  
Response: 142378351  
Conc: 49.05 ng/ml



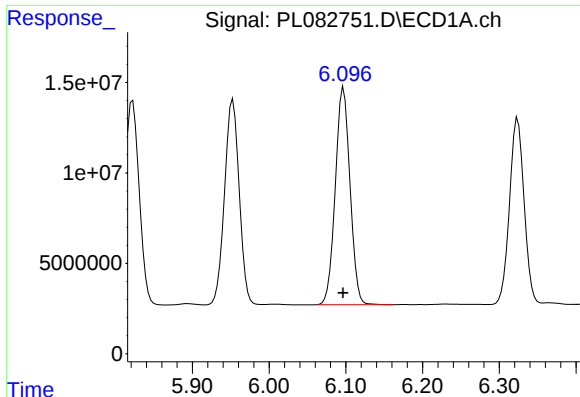
#12 4,4'-DDE

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 150458914  
Conc: 59.19 ng/ml



#12 4,4'-DDE

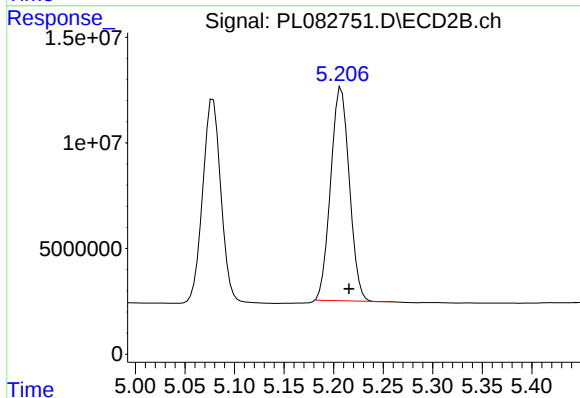
R.T.: 5.078 min  
Delta R.T.: -0.007 min  
Response: 122436933  
Conc: 53.26 ng/ml



#13 Dieldrin

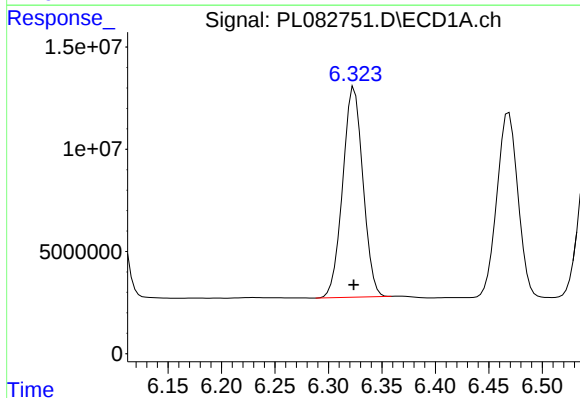
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 159938982  
Conc: 57.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



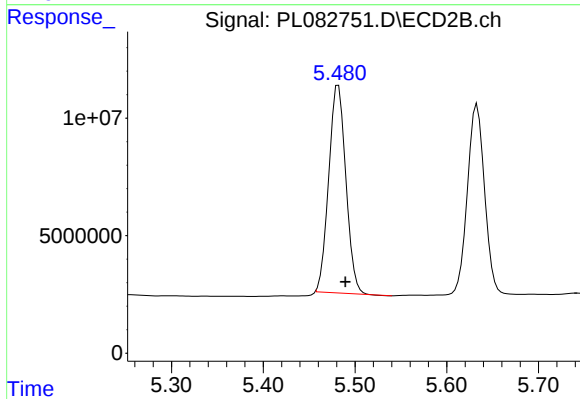
#13 Dieldrin

R.T.: 5.208 min  
Delta R.T.: -0.008 min  
Response: 132076740  
Conc: 48.91 ng/ml



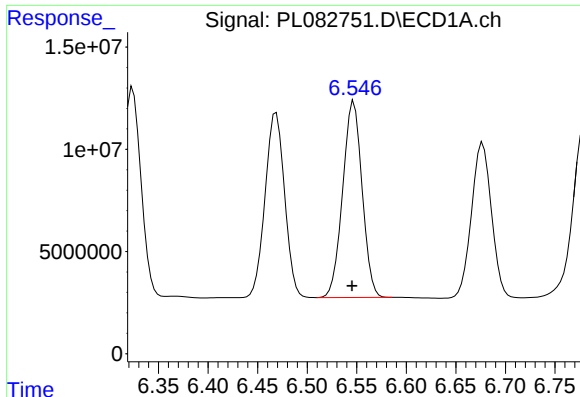
#14 Endrin

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 135619071  
Conc: 55.94 ng/ml



#14 Endrin

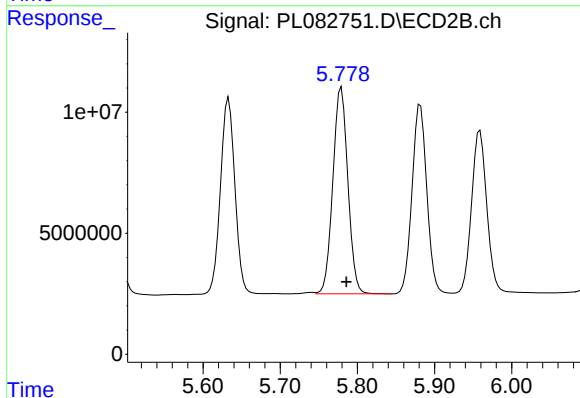
R.T.: 5.482 min  
Delta R.T.: -0.008 min  
Response: 114603510  
Conc: 46.85 ng/ml



#15 Endosulfan II

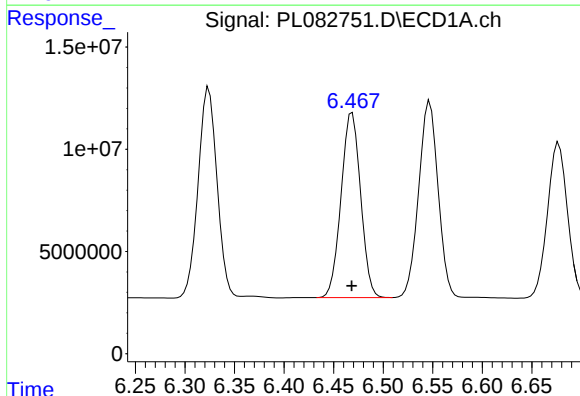
R.T.: 6.547 min  
Delta R.T.: 0.002 min  
Response: 130946586  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



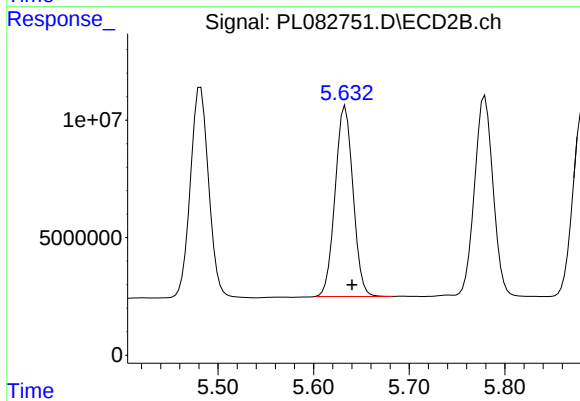
#15 Endosulfan II

R.T.: 5.779 min  
Delta R.T.: -0.006 min  
Response: 115593986  
Conc: 51.28 ng/ml



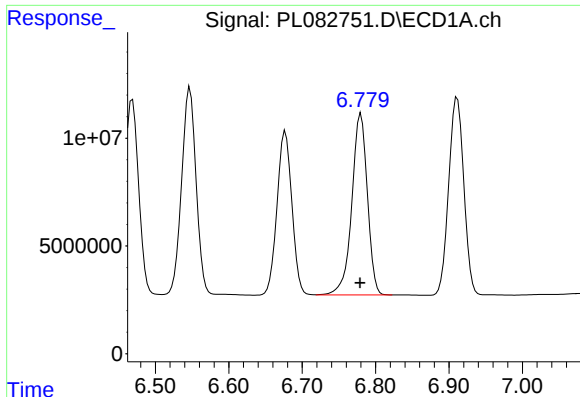
#16 4,4'-DDD

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 123931205  
Conc: 61.13 ng/ml



#16 4,4'-DDD

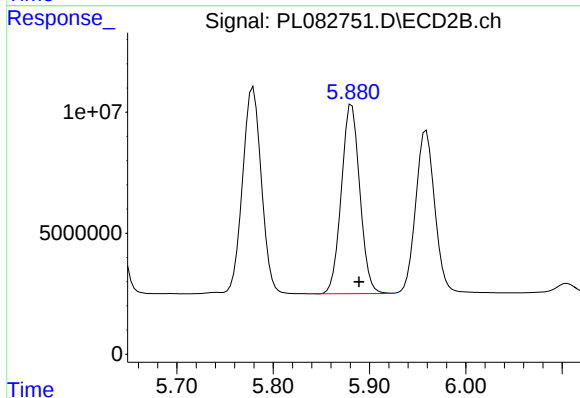
R.T.: 5.633 min  
Delta R.T.: -0.007 min  
Response: 105327474  
Conc: 56.31 ng/ml



#17 4,4'-DDT

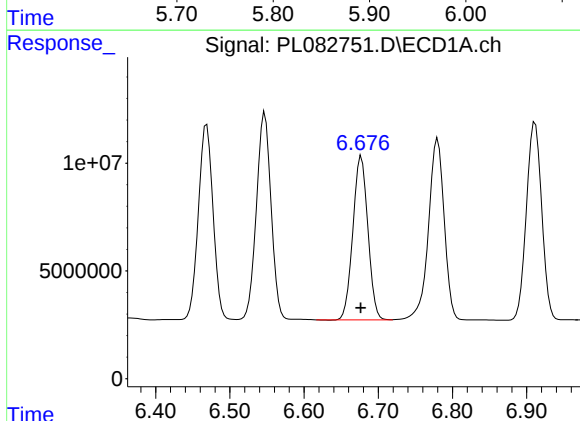
R.T.: 6.780 min  
Delta R.T.: 0.001 min  
Response: 123732690  
Conc: 54.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



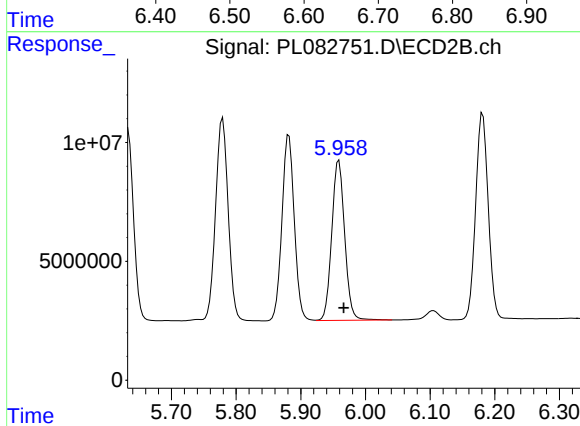
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: -0.008 min  
Response: 103819955  
Conc: 49.14 ng/ml



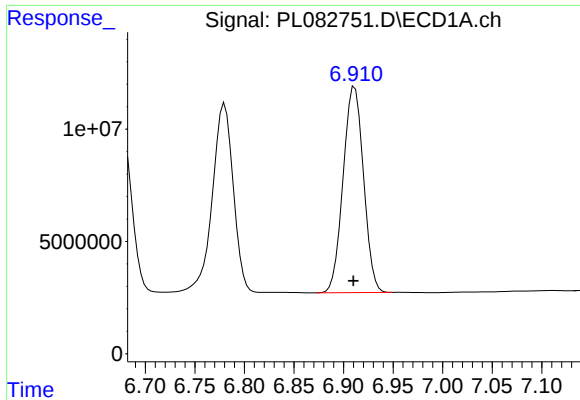
#18 Endrin aldehyde

R.T.: 6.677 min  
Delta R.T.: 0.001 min  
Response: 106578647  
Conc: 56.57 ng/ml



#18 Endrin aldehyde

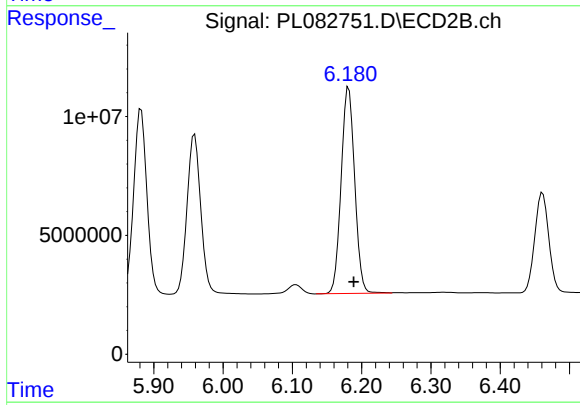
R.T.: 5.959 min  
Delta R.T.: -0.007 min  
Response: 93119641  
Conc: 49.76 ng/ml



#19 Endosulfan Sulfate

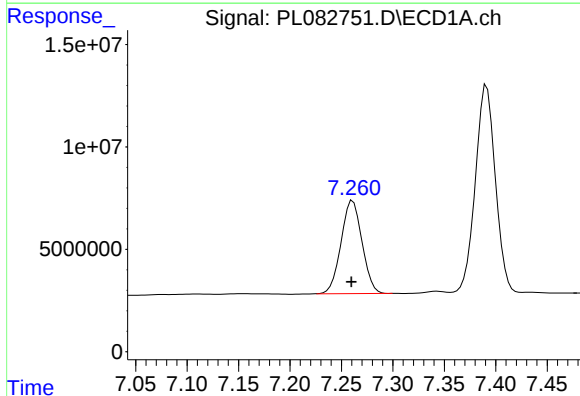
R.T.: 6.911 min  
Delta R.T.: 0.001 min  
Response: 131345385  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



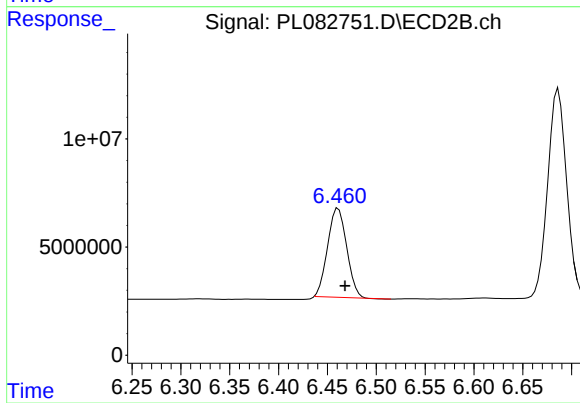
#19 Endosulfan Sulfate

R.T.: 6.181 min  
Delta R.T.: -0.007 min  
Response: 117633450  
Conc: 49.97 ng/ml



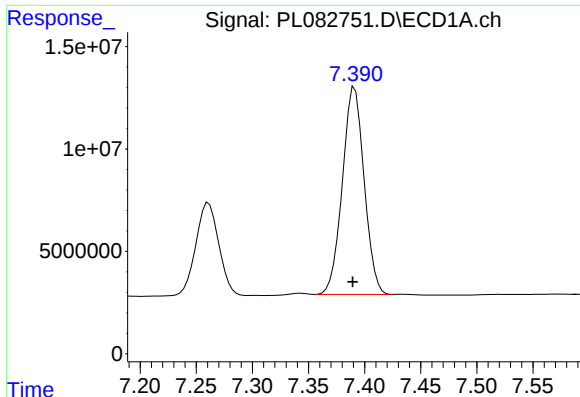
#20 Methoxychlor

R.T.: 7.261 min  
Delta R.T.: 0.001 min  
Response: 64541126  
Conc: 52.89 ng/ml



#20 Methoxychlor

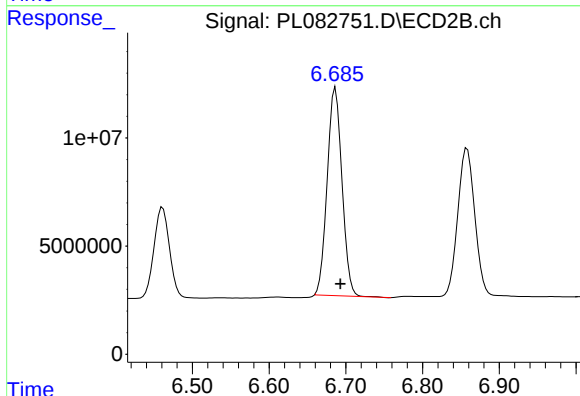
R.T.: 6.461 min  
Delta R.T.: -0.007 min  
Response: 56029478  
Conc: 46.24 ng/ml



#21 Endrin ketone

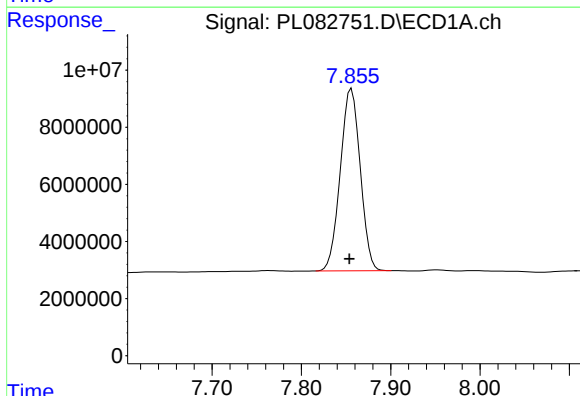
R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 136437835  
Conc: 56.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



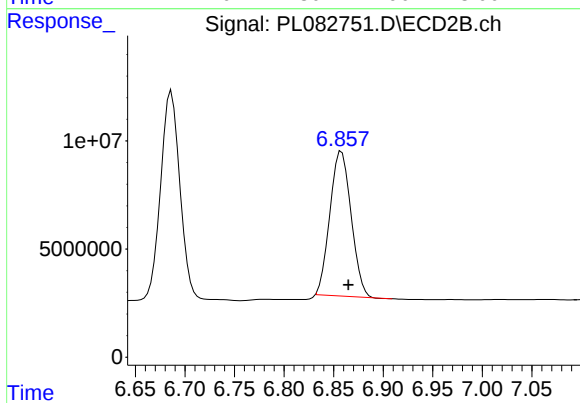
#21 Endrin ketone

R.T.: 6.686 min  
Delta R.T.: -0.006 min  
Response: 128413521  
Conc: 50.59 ng/ml



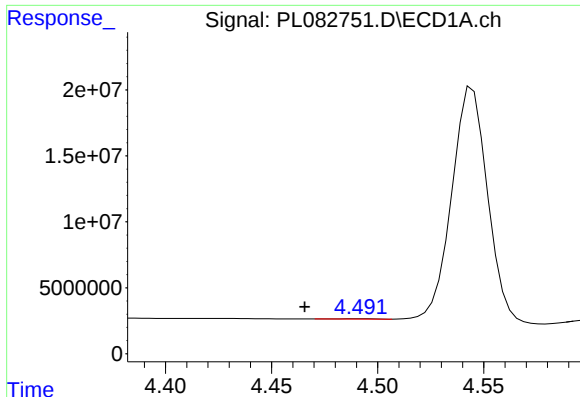
#22 Mirex

R.T.: 7.856 min  
Delta R.T.: 0.002 min  
Response: 98985634  
Conc: 50.60 ng/ml



#22 Mirex

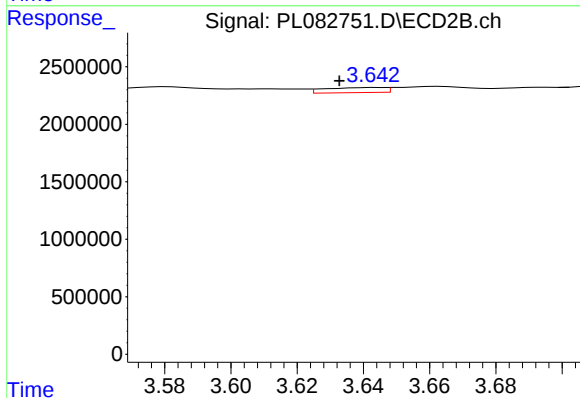
R.T.: 6.858 min  
Delta R.T.: -0.007 min  
Response: 99272646  
Conc: 43.08 ng/ml



#23 Chlordane-1

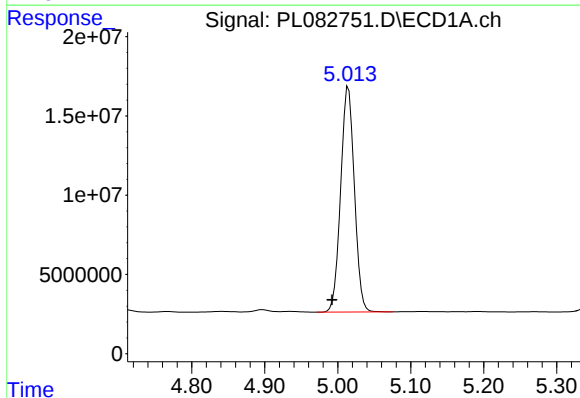
R.T.: 4.492 min  
Delta R.T.: 0.026 min  
Response: 304164  
Conc: 2.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



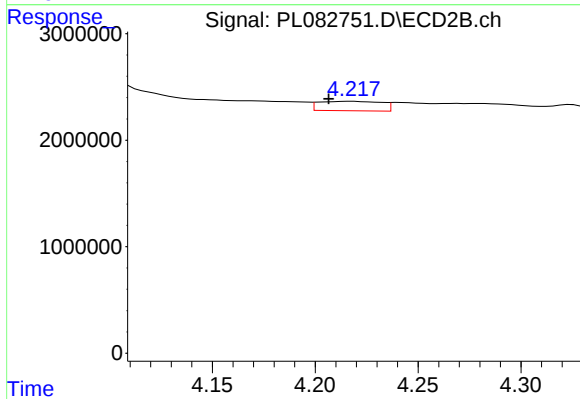
#23 Chlordane-1

R.T.: 3.644 min  
Delta R.T.: 0.011 min  
Response: 547298  
Conc: 6.17 ng/ml



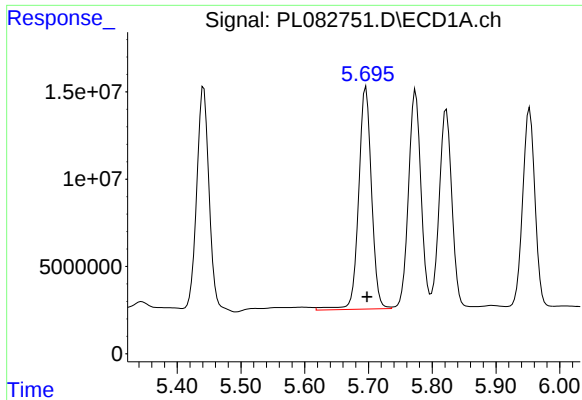
#24 Chlordane-2

R.T.: 5.015 min  
Delta R.T.: 0.022 min  
Response: 185590349  
Conc: 1558.90 ng/ml



#24 Chlordane-2

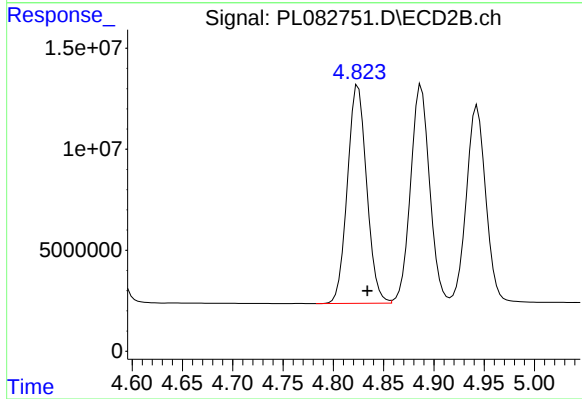
R.T.: 4.218 min  
Delta R.T.: 0.012 min  
Response: 1863018  
Conc: 16.61 ng/ml



#25 Chlordane-3

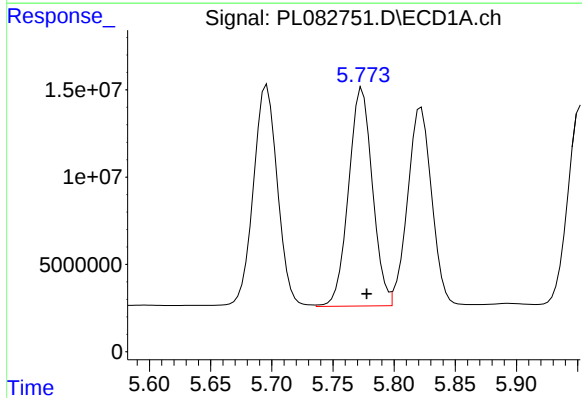
R.T.: 5.696 min  
Delta R.T.: -0.002 min  
Response: 178623068  
Conc: 413.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



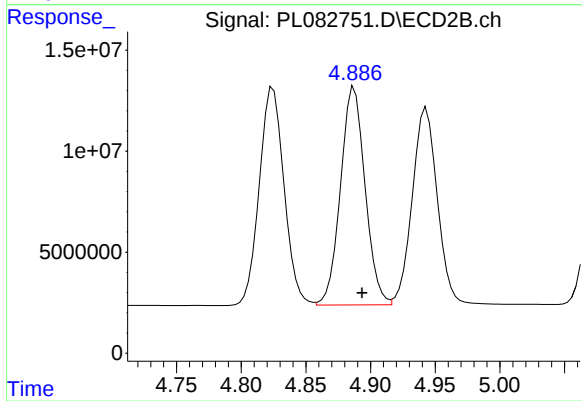
#25 Chlordane-3

R.T.: 4.825 min  
Delta R.T.: -0.009 min  
Response: 143702588  
Conc: 505.80 ng/ml



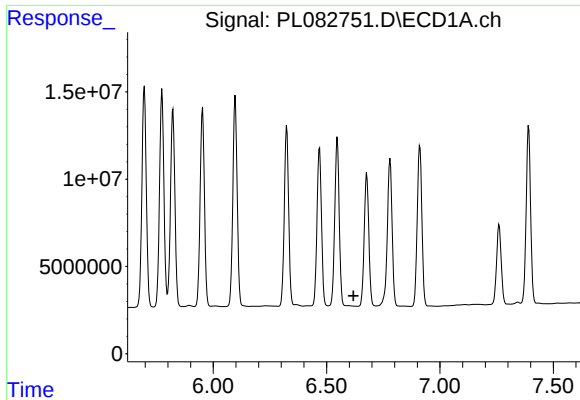
#26 Chlordane-4

R.T.: 5.774 min  
Delta R.T.: -0.004 min  
Response: 169296948  
Conc: 325.62 ng/ml



#26 Chlordane-4

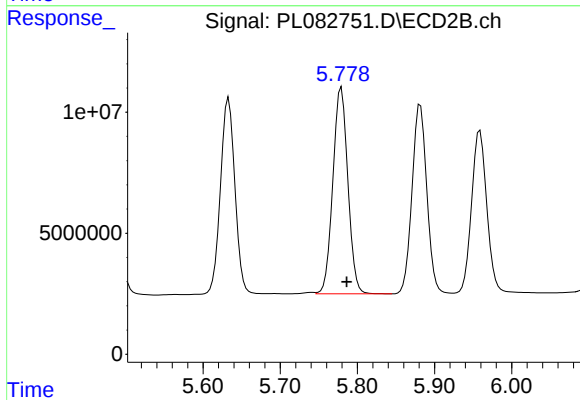
R.T.: 4.887 min  
Delta R.T.: -0.006 min  
Response: 142378351  
Conc: 477.13 ng/ml



#27 Chlordane-5

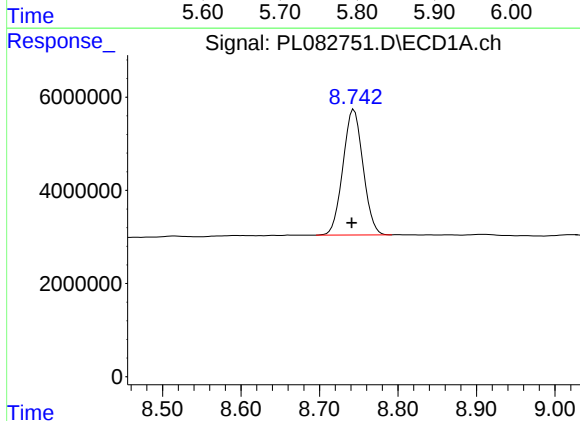
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



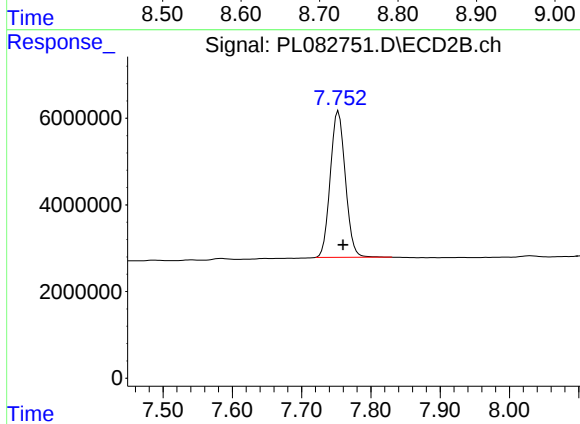
#27 Chlordane-5

R.T.: 5.779 min  
Delta R.T.: -0.007 min  
Response: 115593986  
Conc: 1171.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.744 min  
Delta R.T.: 0.003 min  
Response: 47956167  
Conc: 25.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: -0.007 min  
Response: 51009000  
Conc: 22.35 ng/ml