

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051523\  
 Data File : PL082712.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2023 12:26  
 Operator : AR\AJ  
 Sample : 02760-01MSD 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 21:54:09 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  | 2.642  | 6131422  | 5396413  | 2.295   | 2.329     |
| 28)                         | SA Decachlor... | 8.739  | 7.751  | 4955505  | 5875793  | 2.596   | 2.574     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.769  | 3.139  | 22623634 | 14174191 | 5.684   | 4.165 #   |
| 3)                          | MA gamma-BHC... | 4.098  | 3.466  | 21797302 | 19551873 | 5.830   | 6.081     |
| 4)                          | MA Heptachlor   | 4.676  | 3.797  | 25216766 | 18162335 | 6.901   | 5.306     |
| 5)                          | MB Aldrin       | 5.012  | 4.064f | 21130845 | 15822762 | 6.408   | 5.023     |
| 6)                          | B beta-BHC      | 4.301  | 3.768  | 16675133 | 10724613 | 9.777   | 7.860     |
| 7)                          | B delta-BHC     | 4.542  | 3.992  | 23421367 | 35905893 | 6.510   | 11.706 #  |
| 8)                          | B Heptachlo...  | 5.440  | 4.575  | 32675454 | 15462100 | 10.712  | 5.367 #   |
| 9)                          | A Endosulfan I  | 5.820  | 4.944  | 22046798 | 11037687 | 7.951   | 4.135 #   |
| 10)                         | B gamma-Chl...  | 5.694  | 4.824  | 41638517 | 18845358 | 13.848  | 6.494 #   |
| 11)                         | B alpha-Chl...  | 5.772  | 4.886  | 31881806 | 16488064 | 10.682  | 5.680 #   |
| 12)                         | B 4,4'-DDE      | 5.950  | 5.077  | 15121790 | 20023607 | 5.949   | 8.710 #   |
| 13)                         | MA Dieldrin     | 6.095  | 5.206  | 15959892 | 13893808 | 5.784   | 5.145     |
| 14)                         | MA Endrin       | 6.321  | 5.481  | 14112605 | 10875609 | 5.821   | 4.446     |
| 15)                         | B Endosulfa...  | 6.544  | 5.778  | 14600155 | 18077760 | 5.997   | 8.020 #   |
| 16)                         | A 4,4'-DDD      | 6.467  | 5.631  | 8732920  | 11924521 | 4.308   | 6.375 #   |
| 17)                         | MA 4,4'-DDT     | 6.778  | 5.880  | 18127371 | 12144859 | 7.924   | 5.749 #   |
| 18)                         | B Endrin al...  | 6.675  | 5.957  | 16071071 | 15058870 | 8.530   | 8.047     |
| 19)                         | B Endosulfa...  | 6.908  | 6.200  | 11465776 | 36794966 | 4.835   | 15.629 #  |
| 20)                         | A Methoxychlor  | 7.258  | 6.459  | 2613489  | 7352178  | 2.142   | 6.067 #   |
| 21)                         | B Endrin ke...  | 7.388  | 6.684  | 13406519 | 14965896 | 5.599   | 5.896     |
| 22)                         | Mirex           | 7.852  | 6.856  | 13734395 | 12356457 | 7.021   | 5.362     |
| 23)                         | Chlordane-1     | 4.480  | 3.635  | 4946155  | 2241780  | 44.745  | 25.278 #  |
| 24)                         | Chlordane-2     | 5.012f | 4.223f | 21130845 | 24093956 | 177.492 | 214.851   |
| 25)                         | Chlordane-3     | 5.694  | 4.824  | 41638517 | 18845358 | 96.452  | 66.331 #  |
| 26)                         | Chlordane-4     | 5.772  | 4.886  | 31881806 | 16488064 | 61.321  | 55.254    |
| 27)                         | Chlordane-5     | 6.598f | 5.778  | 202652   | 18077760 | 2.158   | 183.136 # |
| -----                       |                 |        |        |          |          |         |           |

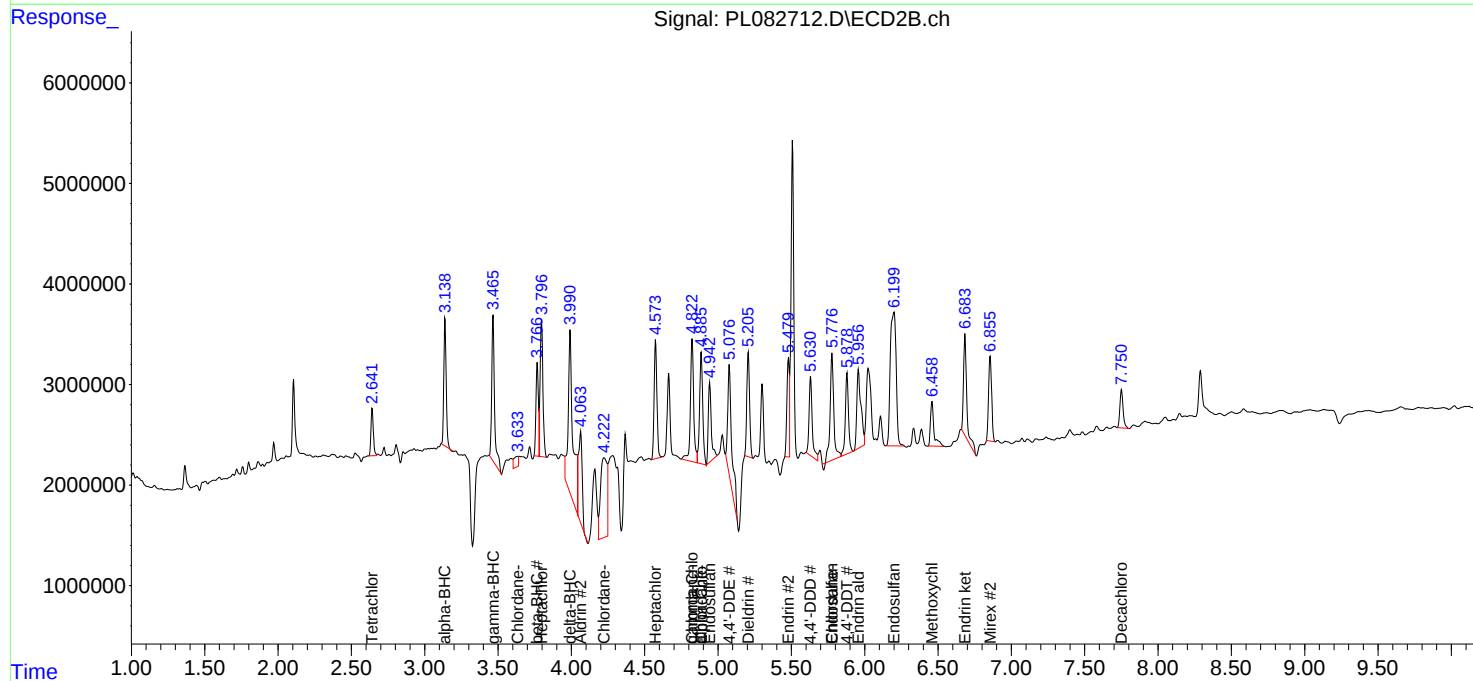
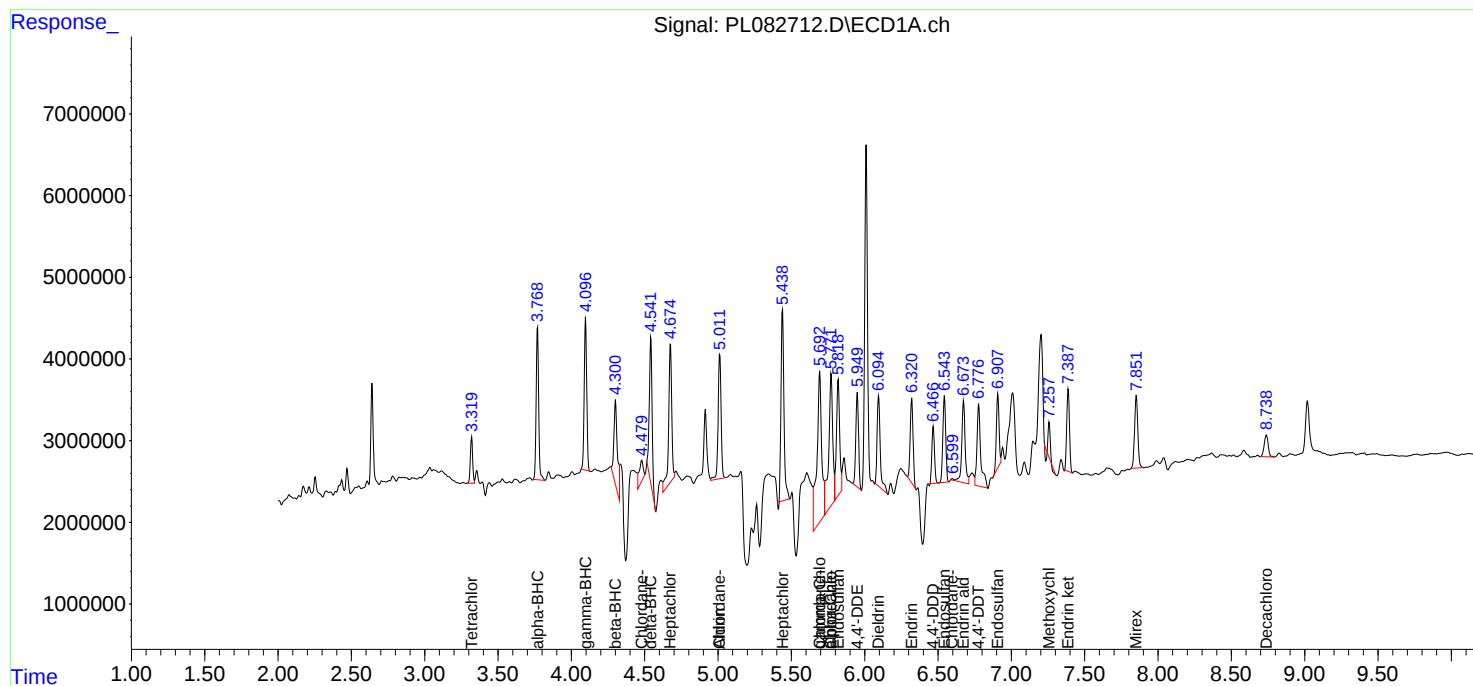
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

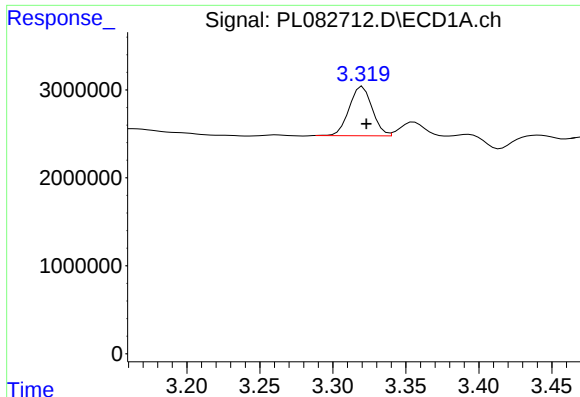
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051523\  
Data File : PL082712.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2023 12:26  
Operator : AR\AJ  
Sample : 02760-01MSD 10X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 21:54:09 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

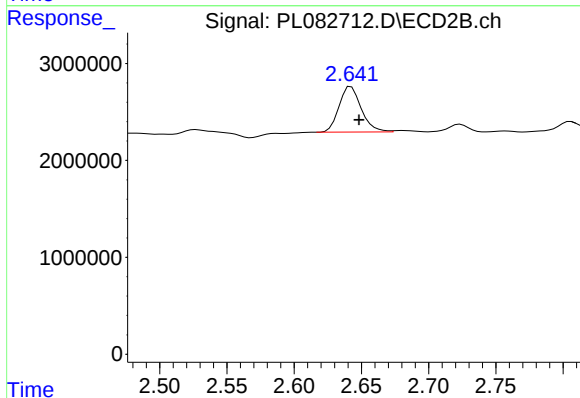




#1 Tetrachloro-m-xylene

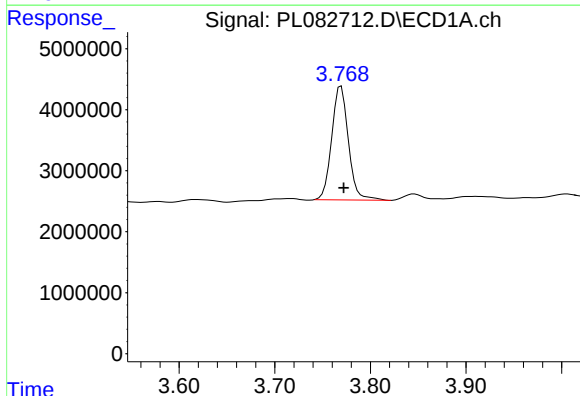
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 6131422  
Conc: 2.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



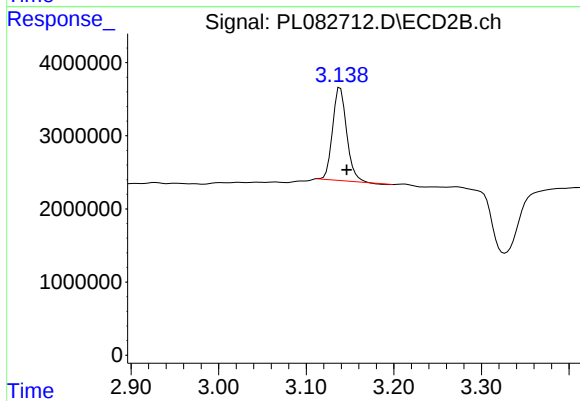
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.006 min  
Response: 5396413  
Conc: 2.33 ng/ml



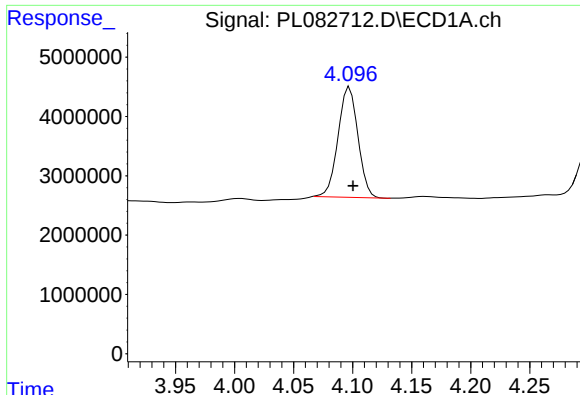
#2 alpha-BHC

R.T.: 3.769 min  
Delta R.T.: -0.003 min  
Response: 22623634  
Conc: 5.68 ng/ml



#2 alpha-BHC

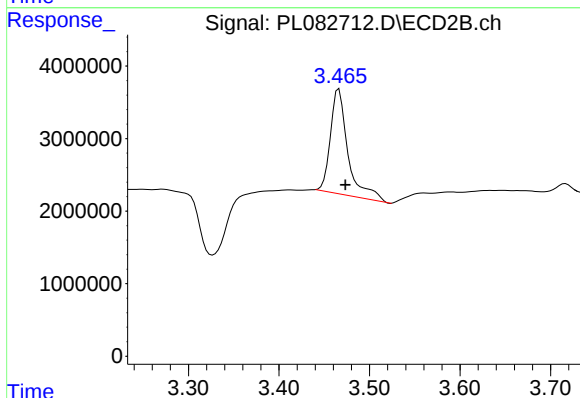
R.T.: 3.139 min  
Delta R.T.: -0.007 min  
Response: 14174191  
Conc: 4.16 ng/ml



#3 gamma-BHC (Lindane)

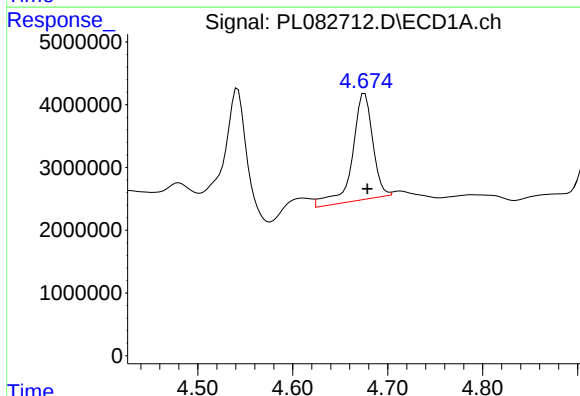
R.T.: 4.098 min  
Delta R.T.: -0.003 min  
Response: 21797302  
Conc: 5.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



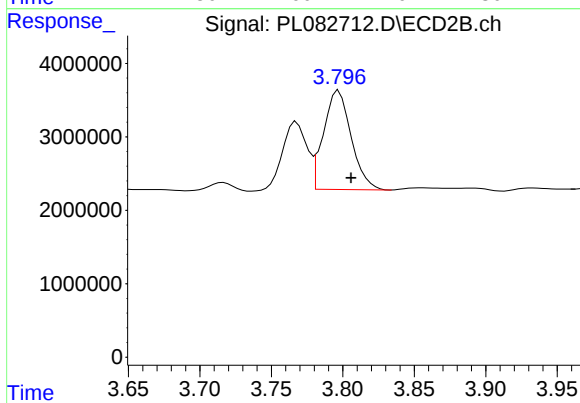
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.007 min  
Response: 19551873  
Conc: 6.08 ng/ml



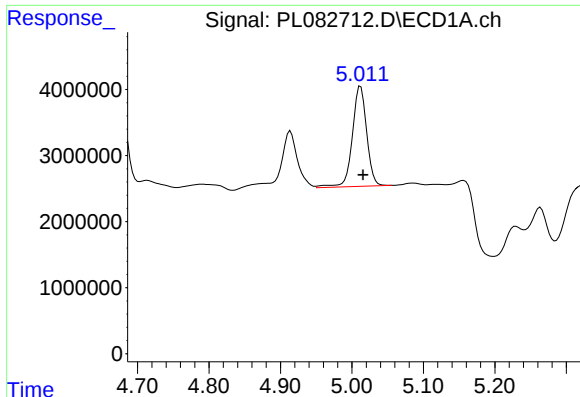
#4 Heptachlor

R.T.: 4.676 min  
Delta R.T.: -0.003 min  
Response: 25216766  
Conc: 6.90 ng/ml



#4 Heptachlor

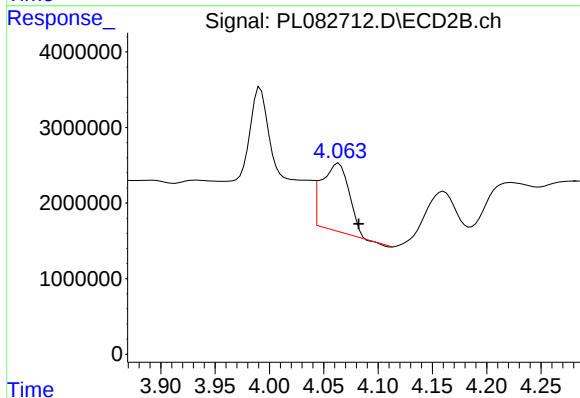
R.T.: 3.797 min  
Delta R.T.: -0.009 min  
Response: 18162335  
Conc: 5.31 ng/ml



#5 Aldrin

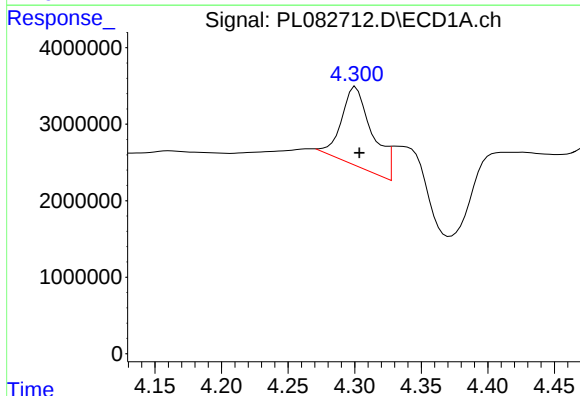
R.T.: 5.012 min  
Delta R.T.: -0.003 min  
Response: 21130845  
Conc: 6.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



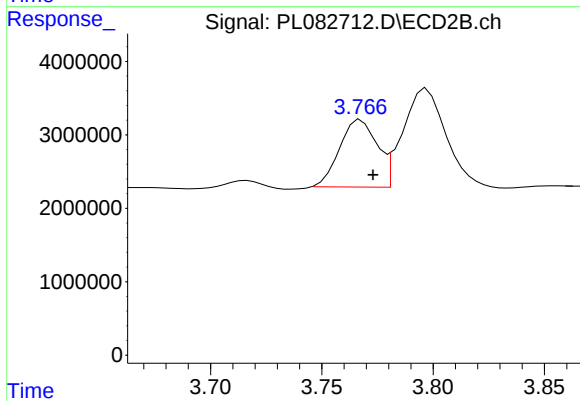
#5 Aldrin

R.T.: 4.064 min  
Delta R.T.: -0.019 min  
Response: 15822762  
Conc: 5.02 ng/ml



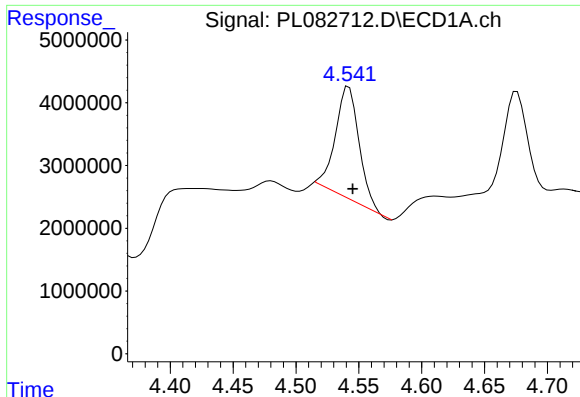
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.003 min  
Response: 16675133  
Conc: 9.78 ng/ml



#6 beta-BHC

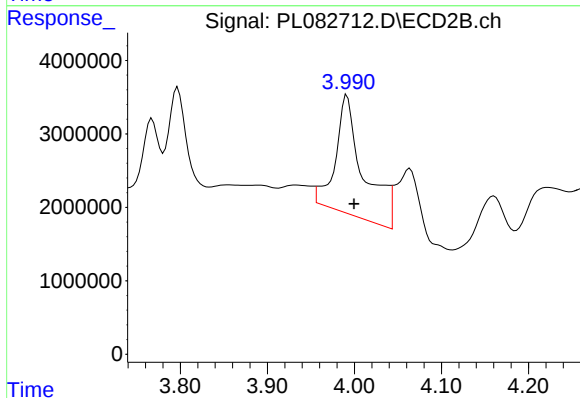
R.T.: 3.768 min  
Delta R.T.: -0.005 min  
Response: 10724613  
Conc: 7.86 ng/ml



#7 delta-BHC

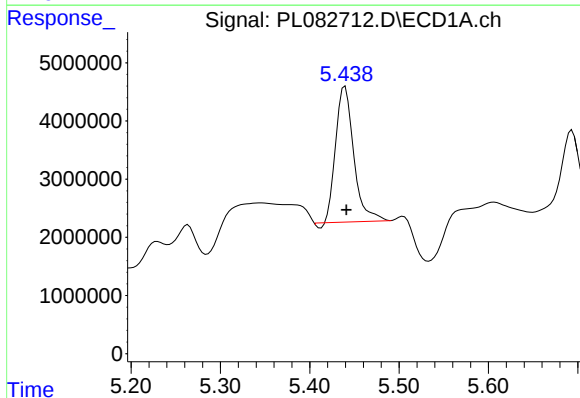
R.T.: 4.542 min  
Delta R.T.: -0.003 min  
Response: 23421367  
Conc: 6.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



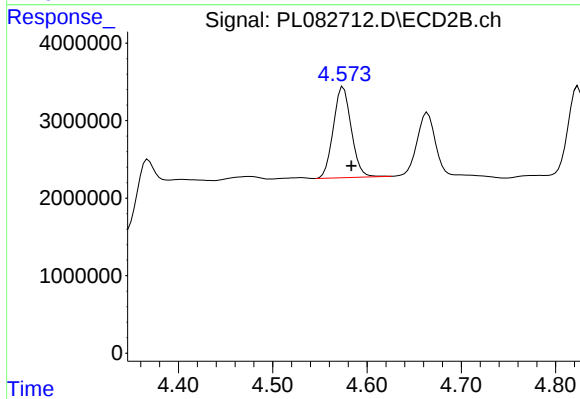
#7 delta-BHC

R.T.: 3.992 min  
Delta R.T.: -0.008 min  
Response: 35905893  
Conc: 11.71 ng/ml



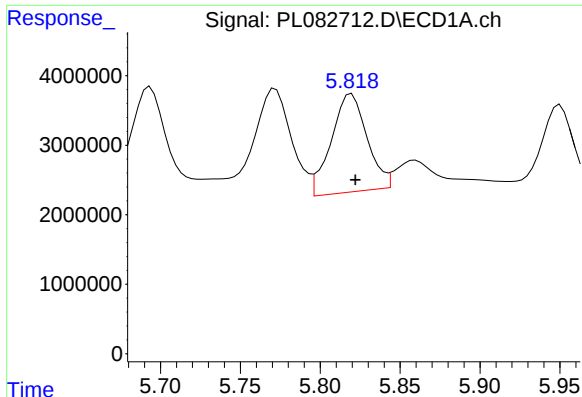
#8 Heptachlor epoxide

R.T.: 5.440 min  
Delta R.T.: -0.002 min  
Response: 32675454  
Conc: 10.71 ng/ml



#8 Heptachlor epoxide

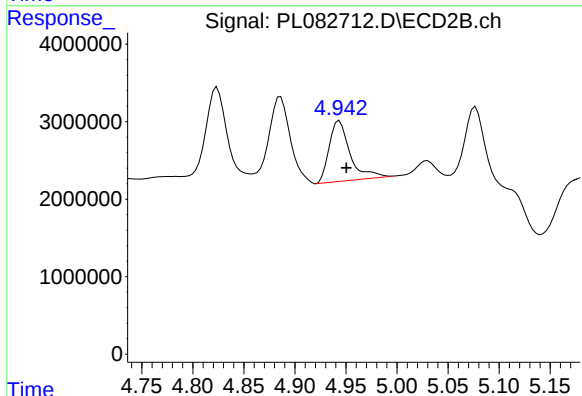
R.T.: 4.575 min  
Delta R.T.: -0.009 min  
Response: 15462100  
Conc: 5.37 ng/ml



#9 Endosulfan I

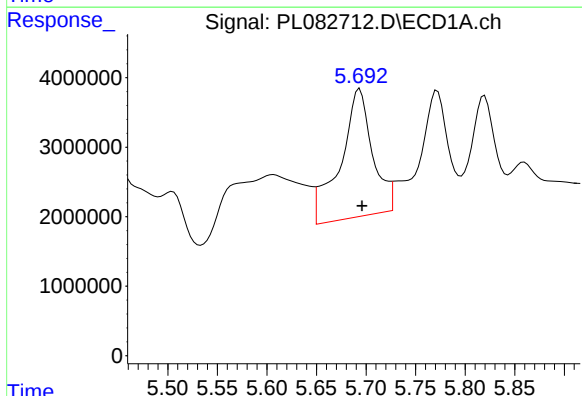
R.T.: 5.820 min  
Delta R.T.: -0.002 min  
Response: 22046798  
Conc: 7.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



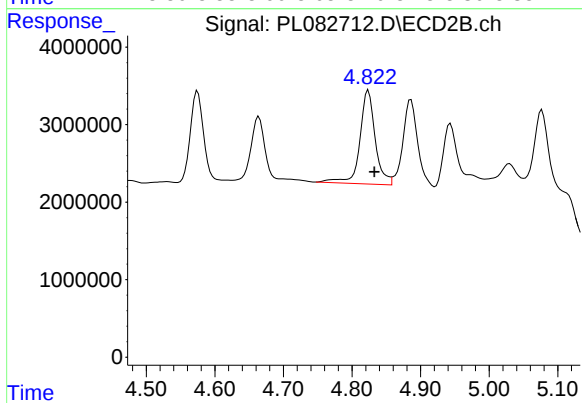
#9 Endosulfan I

R.T.: 4.944 min  
Delta R.T.: -0.007 min  
Response: 11037687  
Conc: 4.13 ng/ml



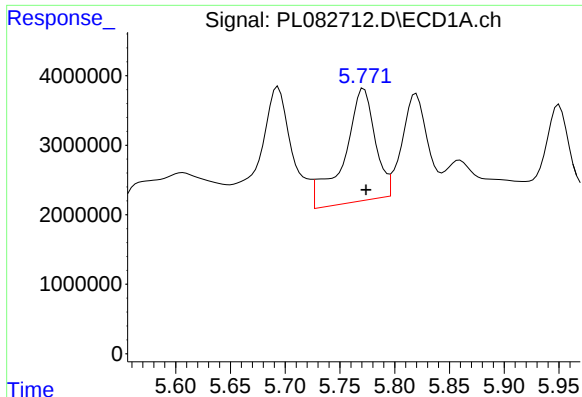
#10 gamma-Chlordane

R.T.: 5.694 min  
Delta R.T.: -0.003 min  
Response: 41638517  
Conc: 13.85 ng/ml



#10 gamma-Chlordane

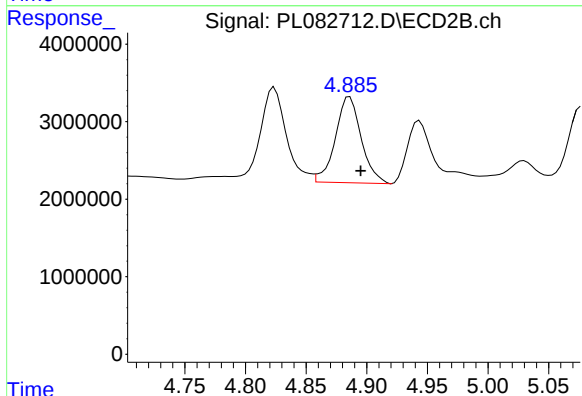
R.T.: 4.824 min  
Delta R.T.: -0.009 min  
Response: 18845358  
Conc: 6.49 ng/ml



#11 alpha-Chlordane

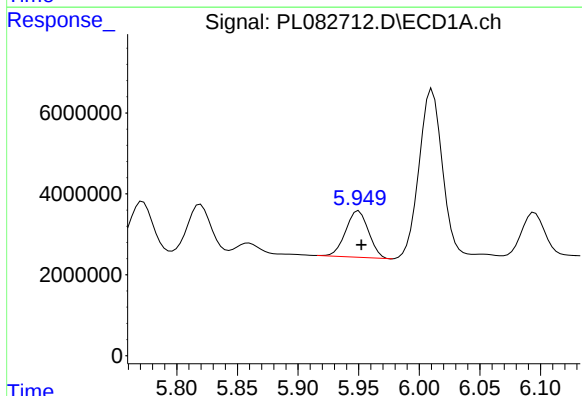
R.T.: 5.772 min  
Delta R.T.: -0.002 min  
Response: 31881806  
Conc: 10.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



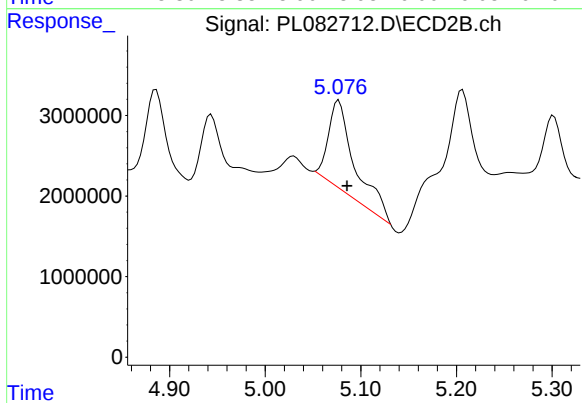
#11 alpha-Chlordane

R.T.: 4.886 min  
Delta R.T.: -0.009 min  
Response: 16488064  
Conc: 5.68 ng/ml



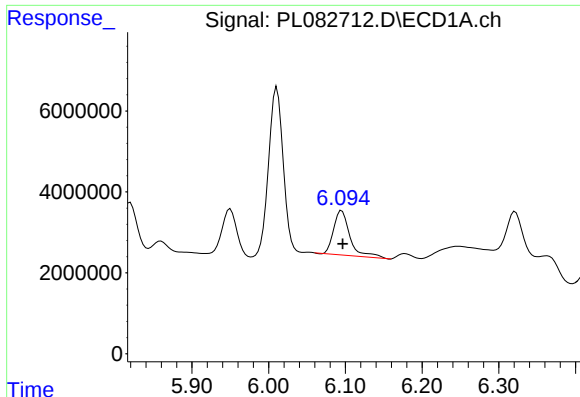
#12 4,4'-DDE

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 15121790  
Conc: 5.95 ng/ml



#12 4,4'-DDE

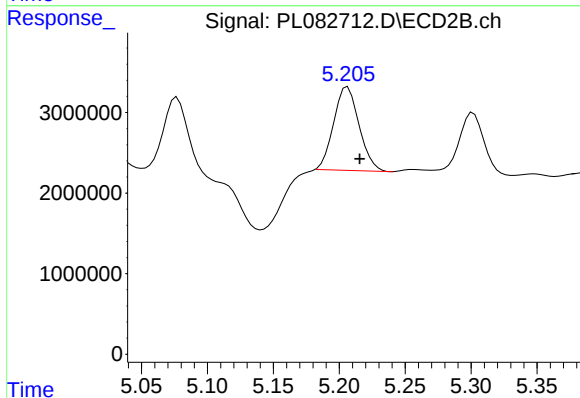
R.T.: 5.077 min  
Delta R.T.: -0.009 min  
Response: 20023607  
Conc: 8.71 ng/ml



#13 Dieldrin

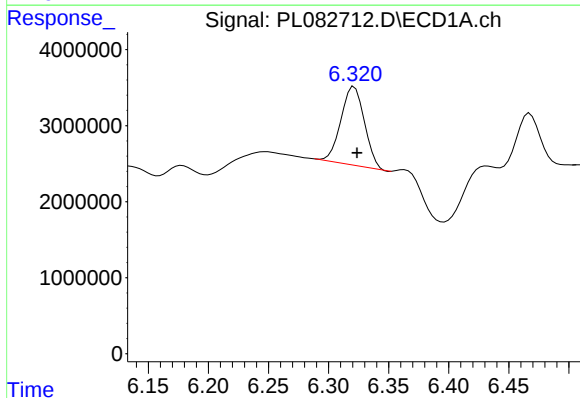
R.T.: 6.095 min  
Delta R.T.: -0.001 min  
Response: 15959892  
Conc: 5.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



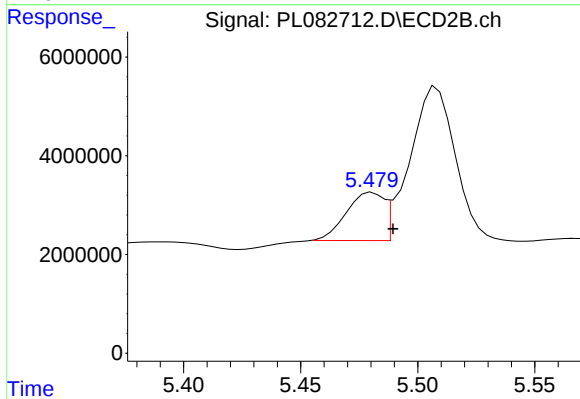
#13 Dieldrin

R.T.: 5.206 min  
Delta R.T.: -0.009 min  
Response: 13893808  
Conc: 5.15 ng/ml



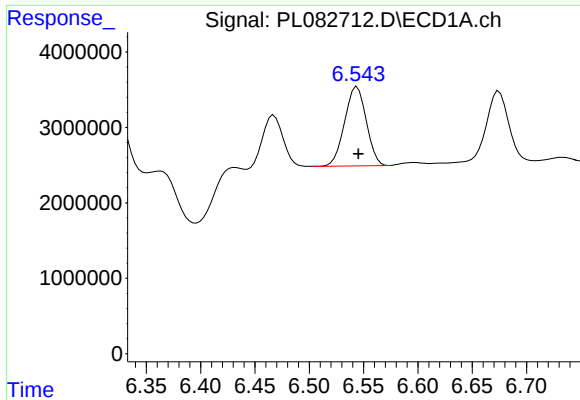
#14 Endrin

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 14112605  
Conc: 5.82 ng/ml



#14 Endrin

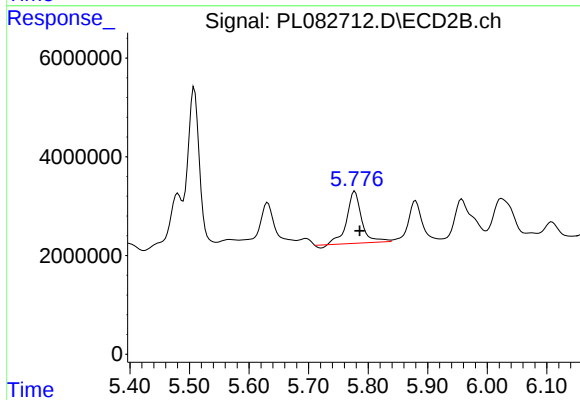
R.T.: 5.481 min  
Delta R.T.: -0.009 min  
Response: 10875609  
Conc: 4.45 ng/ml



#15 Endosulfan II

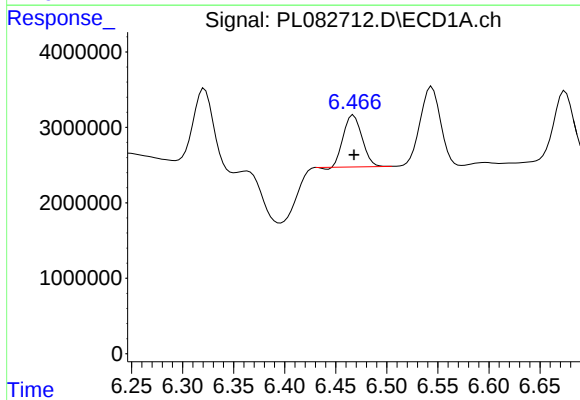
R.T.: 6.544 min  
Delta R.T.: -0.001 min  
Response: 14600155  
Conc: 6.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



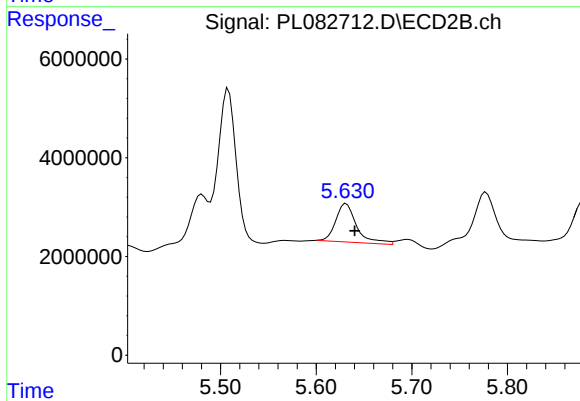
#15 Endosulfan II

R.T.: 5.778 min  
Delta R.T.: -0.008 min  
Response: 18077760  
Conc: 8.02 ng/ml



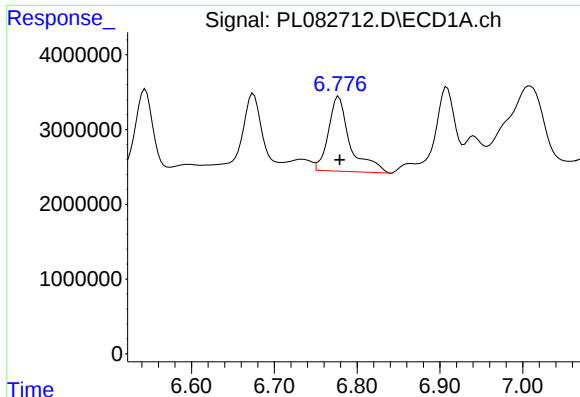
#16 4,4'-DDD

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 8732920  
Conc: 4.31 ng/ml



#16 4,4'-DDD

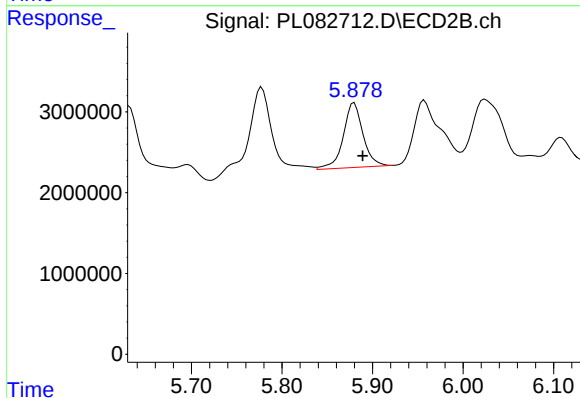
R.T.: 5.631 min  
Delta R.T.: -0.009 min  
Response: 11924521  
Conc: 6.38 ng/ml



#17 4,4'-DDT

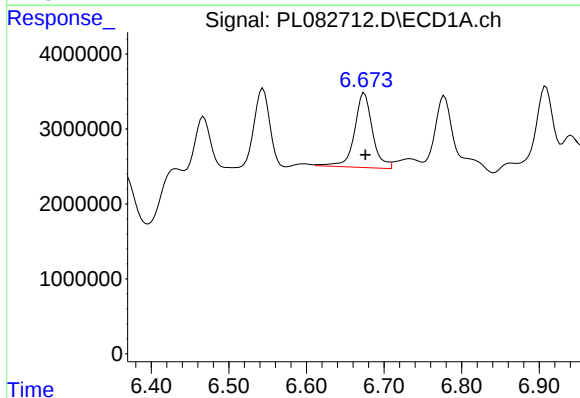
R.T.: 6.778 min  
Delta R.T.: -0.001 min  
Response: 18127371  
Conc: 7.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



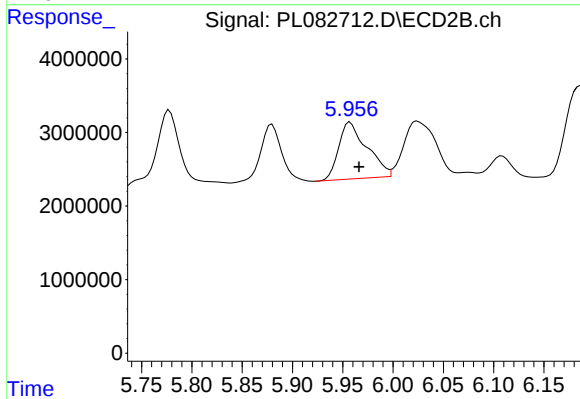
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.009 min  
Response: 12144859  
Conc: 5.75 ng/ml



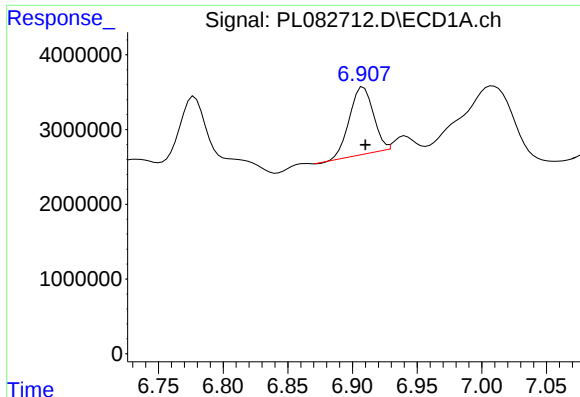
#18 Endrin aldehyde

R.T.: 6.675 min  
Delta R.T.: -0.001 min  
Response: 16071071  
Conc: 8.53 ng/ml



#18 Endrin aldehyde

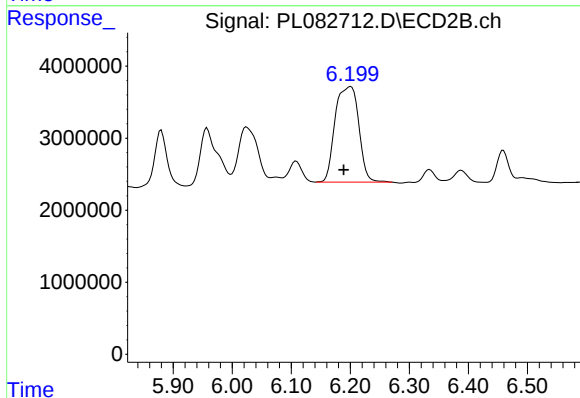
R.T.: 5.957 min  
Delta R.T.: -0.009 min  
Response: 15058870  
Conc: 8.05 ng/ml



#19 Endosulfan Sulfate

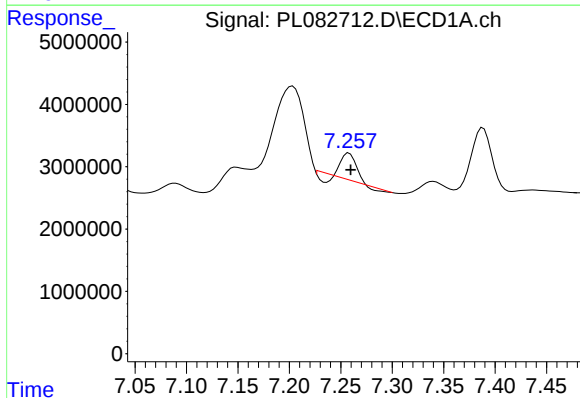
R.T.: 6.908 min  
Delta R.T.: -0.002 min  
Response: 11465776  
Conc: 4.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



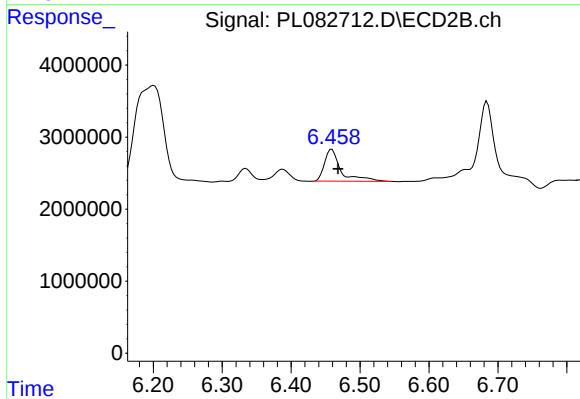
#19 Endosulfan Sulfate

R.T.: 6.200 min  
Delta R.T.: 0.012 min  
Response: 36794966  
Conc: 15.63 ng/ml



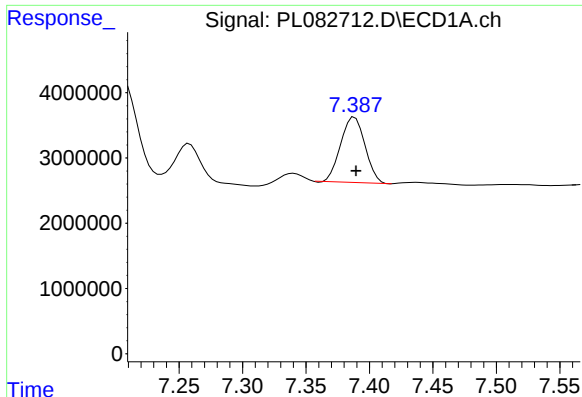
#20 Methoxychlor

R.T.: 7.258 min  
Delta R.T.: -0.002 min  
Response: 2613489  
Conc: 2.14 ng/ml



#20 Methoxychlor

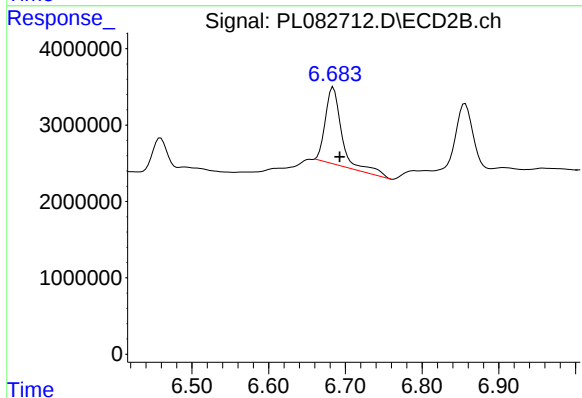
R.T.: 6.459 min  
Delta R.T.: -0.009 min  
Response: 7352178  
Conc: 6.07 ng/ml



#21 Endrin ketone

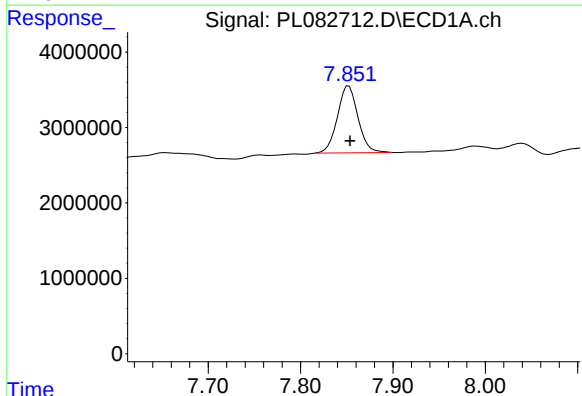
R.T.: 7.388 min  
Delta R.T.: -0.001 min  
Response: 13406519  
Conc: 5.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



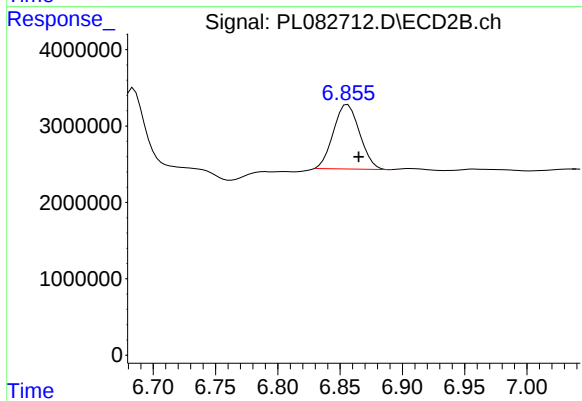
#21 Endrin ketone

R.T.: 6.684 min  
Delta R.T.: -0.009 min  
Response: 14965896  
Conc: 5.90 ng/ml



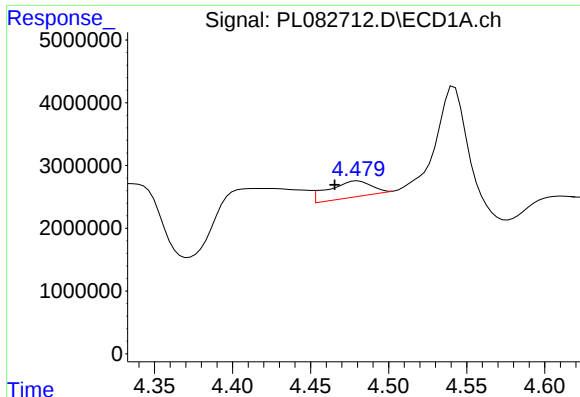
#22 Mirex

R.T.: 7.852 min  
Delta R.T.: -0.002 min  
Response: 13734395  
Conc: 7.02 ng/ml



#22 Mirex

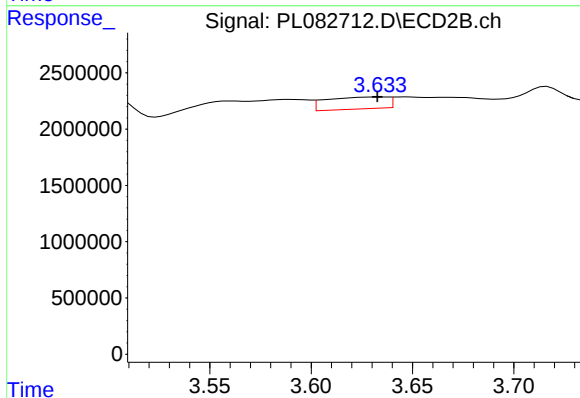
R.T.: 6.856 min  
Delta R.T.: -0.009 min  
Response: 12356457  
Conc: 5.36 ng/ml



#23 Chlordane-1

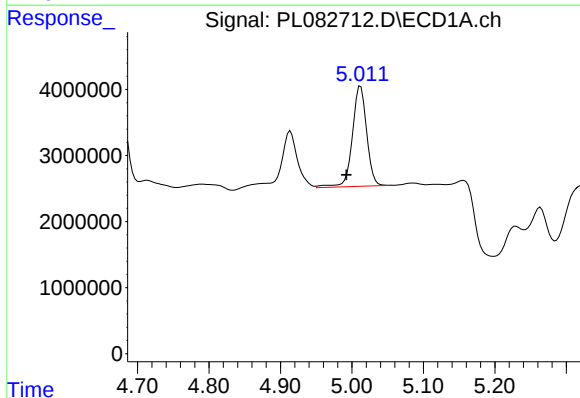
R.T.: 4.480 min  
Delta R.T.: 0.015 min  
Response: 4946155  
Conc: 44.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



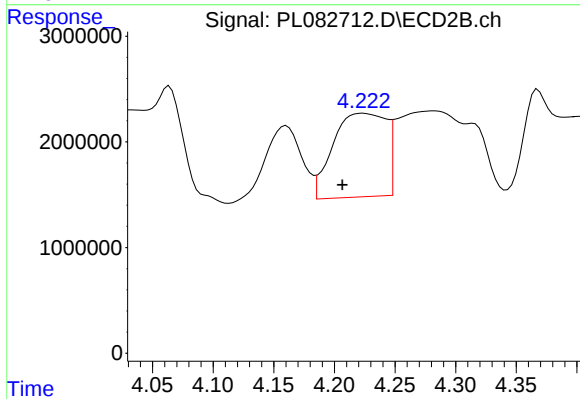
#23 Chlordane-1

R.T.: 3.635 min  
Delta R.T.: 0.002 min  
Response: 2241780  
Conc: 25.28 ng/ml



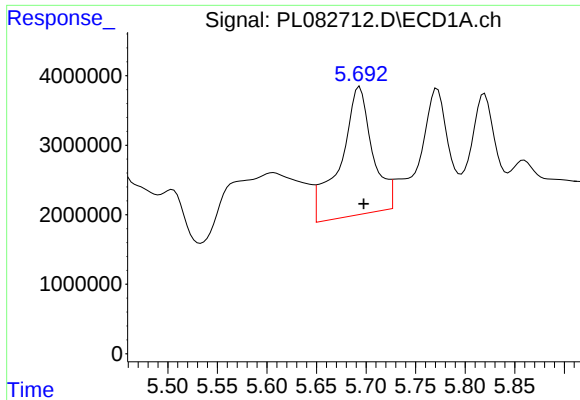
#24 Chlordane-2

R.T.: 5.012 min  
Delta R.T.: 0.020 min  
Response: 21130845  
Conc: 177.49 ng/ml



#24 Chlordane-2

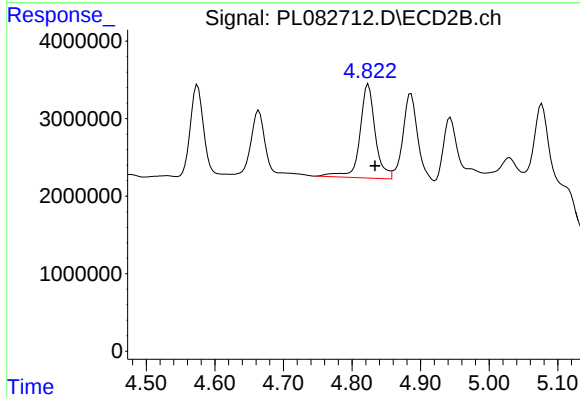
R.T.: 4.223 min  
Delta R.T.: 0.017 min  
Response: 24093956  
Conc: 214.85 ng/ml



#25 Chlordane-3

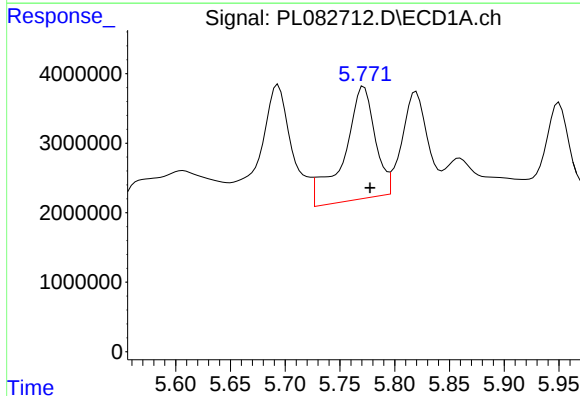
R.T.: 5.694 min  
Delta R.T.: -0.004 min  
Response: 41638517  
Conc: 96.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



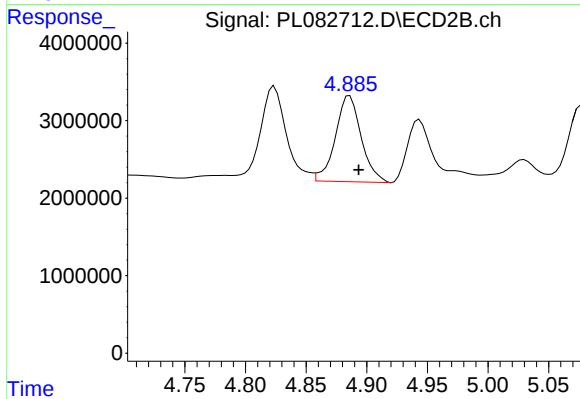
#25 Chlordane-3

R.T.: 4.824 min  
Delta R.T.: -0.010 min  
Response: 18845358  
Conc: 66.33 ng/ml



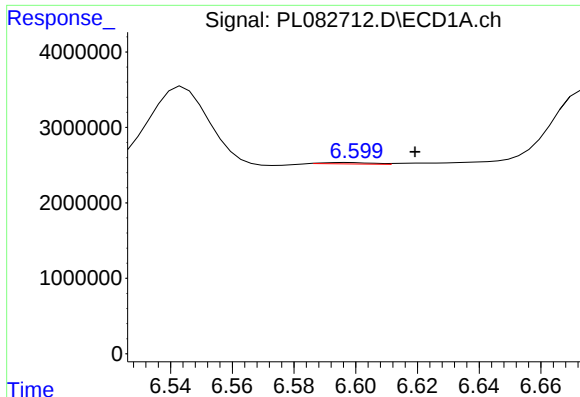
#26 Chlordane-4

R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 31881806  
Conc: 61.32 ng/ml



#26 Chlordane-4

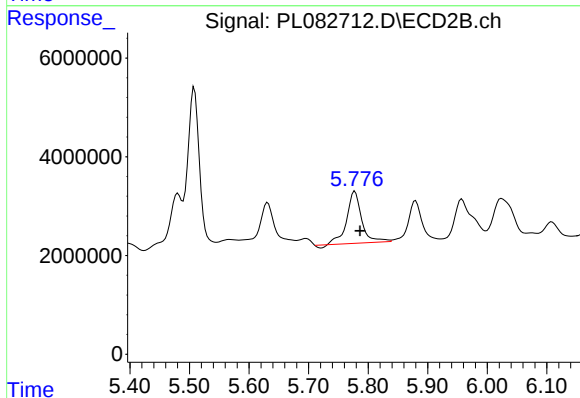
R.T.: 4.886 min  
Delta R.T.: -0.008 min  
Response: 16488064  
Conc: 55.25 ng/ml



#27 Chlordane-5

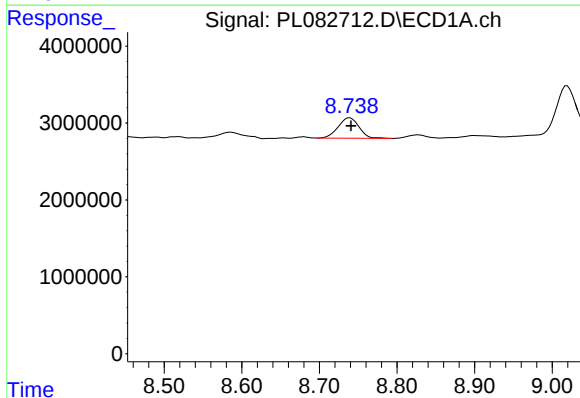
R.T.: 6.598 min  
Delta R.T.: -0.022 min  
Response: 202652  
Conc: 2.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



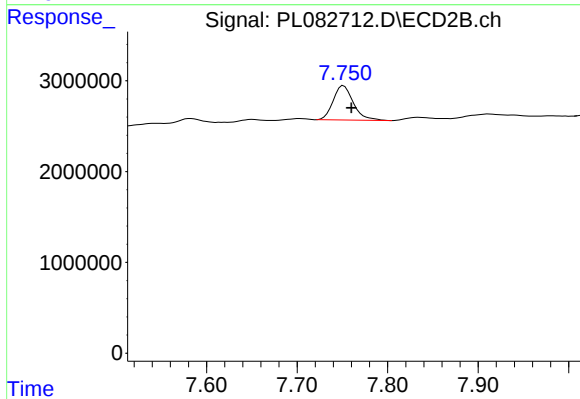
#27 Chlordane-5

R.T.: 5.778 min  
Delta R.T.: -0.009 min  
Response: 18077760  
Conc: 183.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.739 min  
Delta R.T.: -0.002 min  
Response: 4955505  
Conc: 2.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.751 min  
Delta R.T.: -0.008 min  
Response: 5875793  
Conc: 2.57 ng/ml