

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080422\  
 Data File : PL076906.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2022 20:25  
 Operator : AR\AJ  
 Sample : N4023-01MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 05:08:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 01 16:34:20 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... | 3.419  | 2.638  | 17984941 | 48515176 | 18.892   | 21.019    |
| 28)                         | SA Decachlor... | 8.909  | 7.741  | 17167550 | 43112540 | 21.604   | 22.424    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.883  | 3.132  | 74273684 | 194.3E6  | 53.961   | 58.515    |
| 3)                          | MA gamma-BHC... | 4.218  | 3.456  | 73203926 | 174.5E6  | 57.730   | 61.032    |
| 4)                          | MA Heptachlor   | 4.795  | 3.789  | 67847620 | 168.8E6  | 55.455   | 58.757    |
| 5)                          | MB Aldrin       | 5.135  | 4.065  | 61033401 | 159.4E6  | 52.427   | 57.348    |
| 6)                          | B beta-BHC      | 4.430  | 3.755  | 31145250 | 72634977 | 58.936   | 59.626    |
| 7)                          | B delta-BHC     | 4.674  | 3.979  | 56384039 | 173.3E6  | 59.905   | 56.573    |
| 8)                          | B Heptachlo...  | 5.567  | 4.564  | 53730577 | 140.9E6  | 57.473   | 57.599    |
| 9)                          | A Endosulfan I  | 5.953  | 4.930  | 49184347 | 100.7E6  | 51.209   | 47.403    |
| 10)                         | B gamma-Chl...  | 5.823  | 4.813  | 60459304 | 143.3E6  | 59.144   | 58.514    |
| 11)                         | B alpha-Chl...  | 5.900  | 4.876  | 56718889 | 137.0E6  | 54.110   | 57.083    |
| 12)                         | B 4,4'-DDE      | 6.077  | 5.070  | 37382065 | 138.5E6  | 39.603   | 59.456 #  |
| 13)                         | MA Dieldrin     | 6.231  | 5.193  | 49746012 | 155.1E6  | 48.719   | 63.954 #  |
| 14)                         | MA Endrin       | 6.462  | 5.465  | 43517649 | 122.4E6  | 47.237   | 56.526    |
| 15)                         | B Endosulfa...  | 6.690  | 5.761  | 43446414 | 114.5E6  | 48.472   | 51.848    |
| 16)                         | A 4,4'-DDD      | 6.602  | 5.622  | 46376733 | 102.9E6  | 54.263   | 55.092    |
| 17)                         | MA 4,4'-DDT     | 6.914  | 5.871  | 49624011 | 113.8E6  | 58.944   | 60.922    |
| 18)                         | B Endrin al...  | 6.821  | 5.940  | 33791358 | 73383073 | 45.922   | 45.534    |
| 19)                         | B Endosulfa...  | 7.054  | 6.163  | 42346871 | 103.1E6  | 49.228   | 53.776    |
| 20)                         | A Methoxychlor  | 7.394  | 6.449  | 28817215 | 79412467 | 59.817   | 77.794 #  |
| 21)                         | B Endrin ke...  | 7.542  | 6.662  | 48048508 | 107.7E6  | 51.560   | 51.625    |
| 22)                         | Mirex           | 8.002  | 6.839  | 39581167 | 73832466 | 53.582   | 45.834    |
| 23)                         | Chlordane-1     | 4.577  | 3.621  | 851824   | 4209367  | 22.684   | 52.758 #  |
| 24)                         | Chlordane-2     | 5.135f | 4.210f | 61033401 | 1162002  | 1465.881 | 11.798 #  |
| 25)                         | Chlordane-3     | 5.823  | 4.813  | 60459304 | 143.3E6  | 374.481  | 519.630 # |
| 26)                         | Chlordane-4     | 5.900  | 4.876  | 56718889 | 137.0E6  | 289.048  | 474.786 # |
| 27)                         | Chlordane-5     | 6.783f | 5.551  | -163588  | 11852101 | N.D.     | 155.275   |
| -----                       |                 |        |        |          |          |          |           |

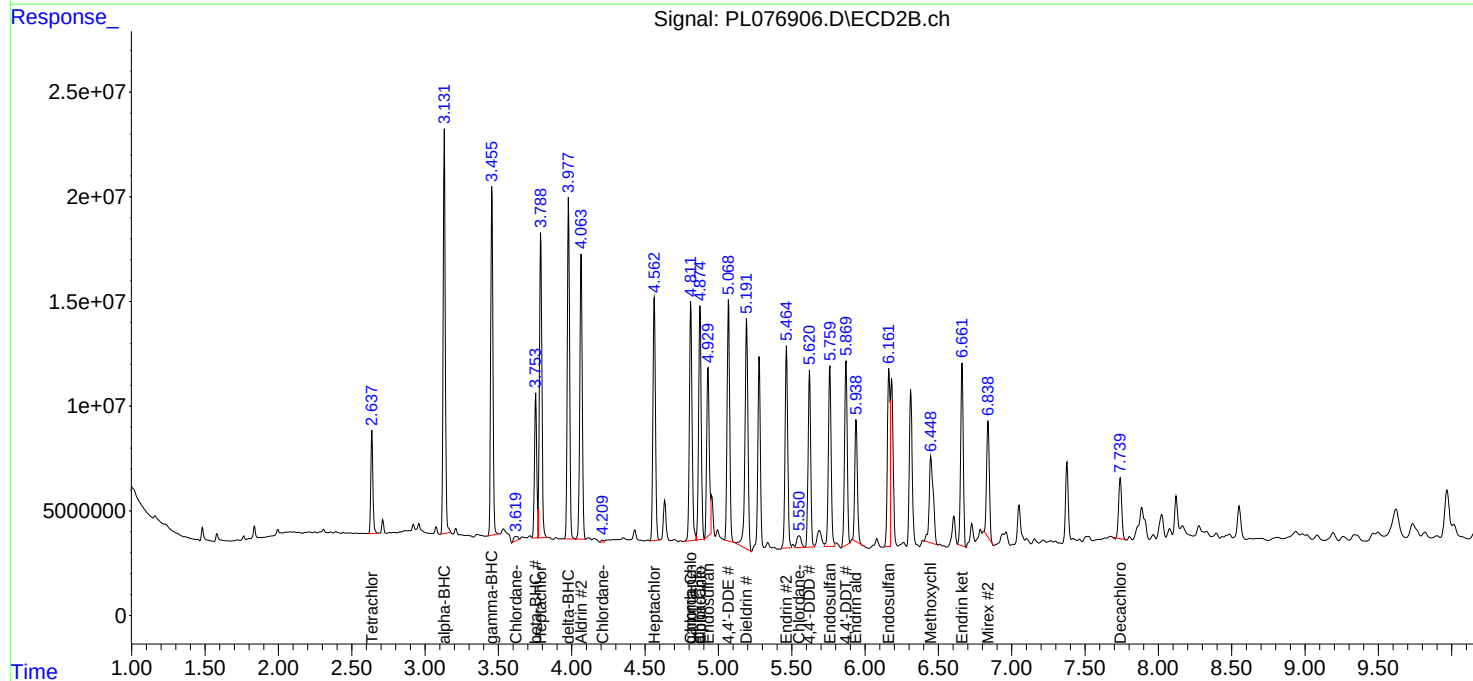
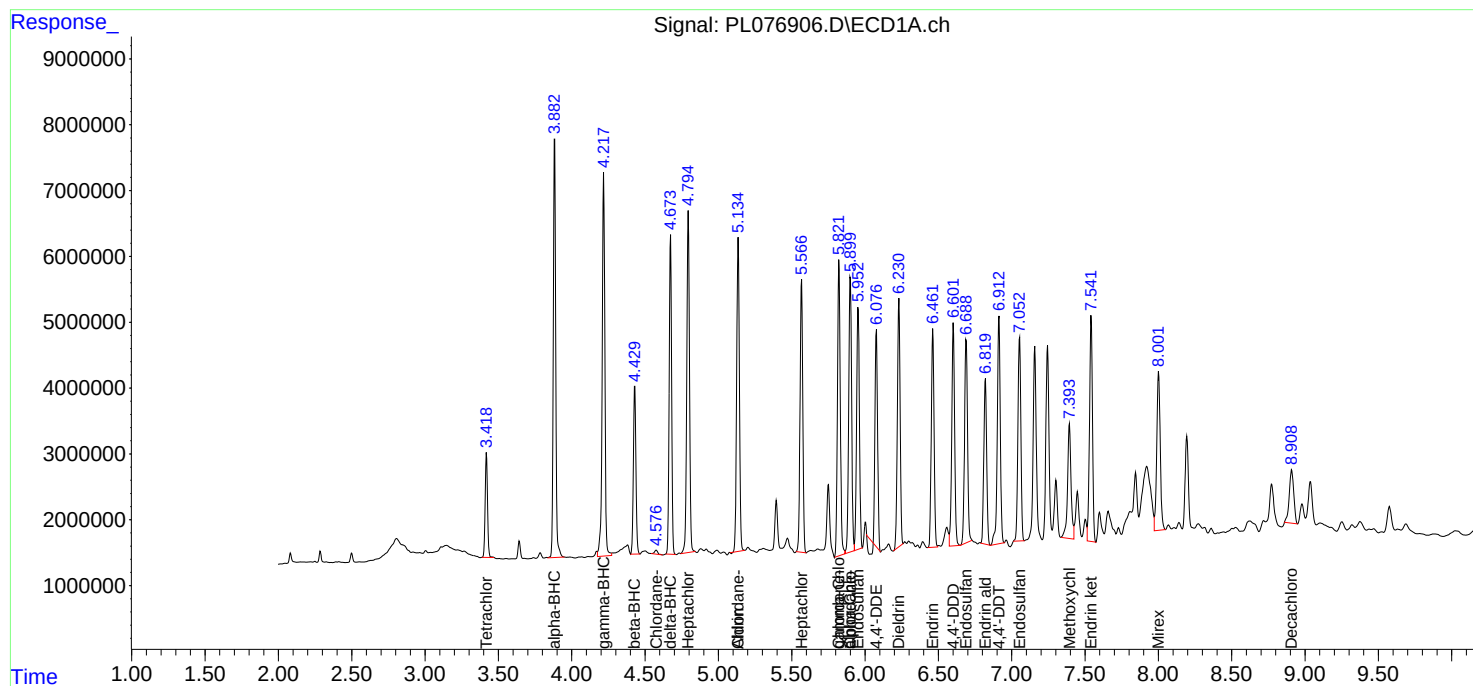
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

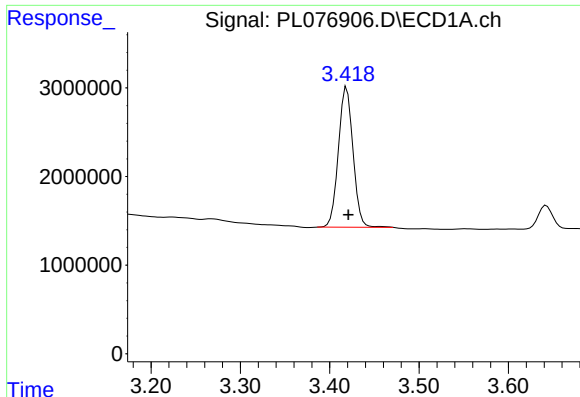
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080422\  
Data File : PL076906.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2022 20:25  
Operator : AR\AJ  
Sample : N4023-01MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 05:08:39 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 01 16:34:20 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

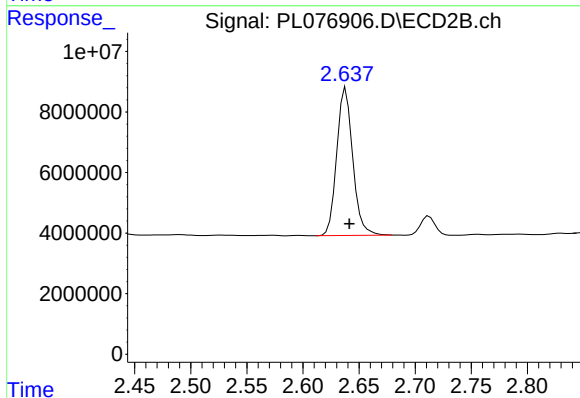




#1 Tetrachloro-m-xylene

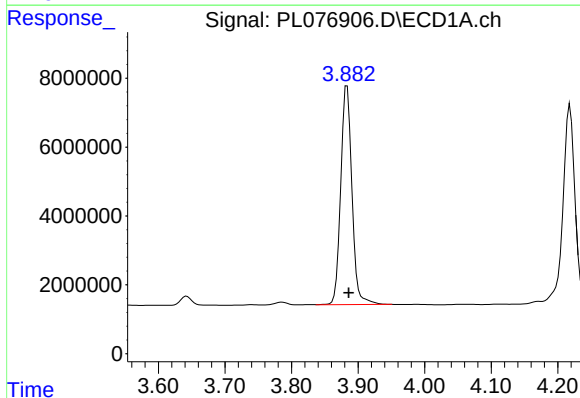
R.T.: 3.419 min  
Delta R.T.: -0.002 min  
Response: 17984941  
Conc: 18.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



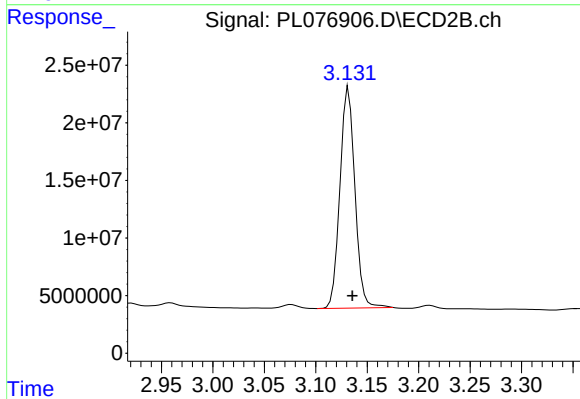
#1 Tetrachloro-m-xylene

R.T.: 2.638 min  
Delta R.T.: -0.003 min  
Response: 48515176  
Conc: 21.02 ng/ml



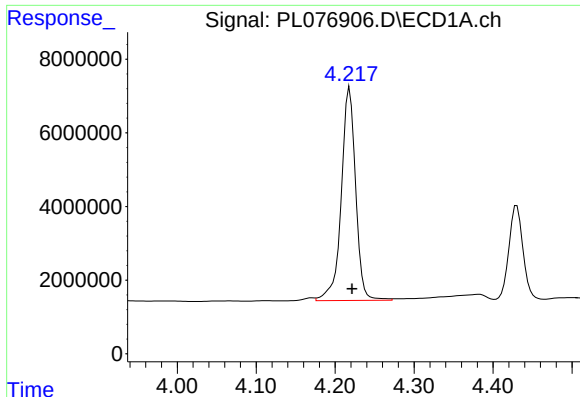
#2 alpha-BHC

R.T.: 3.883 min  
Delta R.T.: -0.002 min  
Response: 74273684  
Conc: 53.96 ng/ml



#2 alpha-BHC

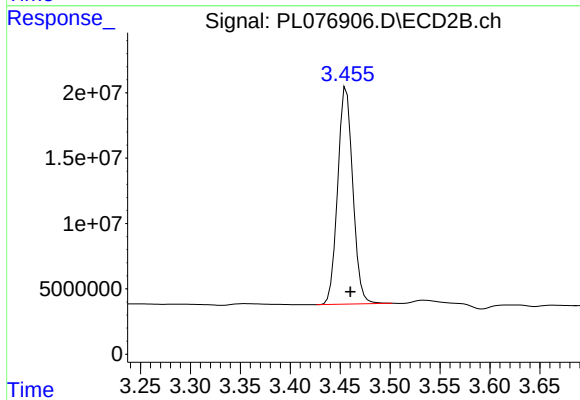
R.T.: 3.132 min  
Delta R.T.: -0.004 min  
Response: 194267953  
Conc: 58.51 ng/ml



#3 gamma-BHC (Lindane)

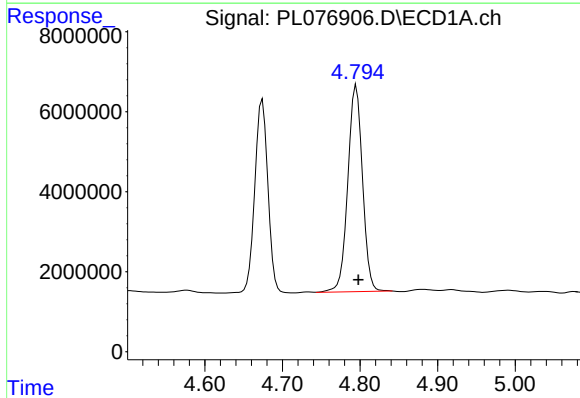
R.T.: 4.218 min  
Delta R.T.: -0.003 min  
Response: 73203926  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



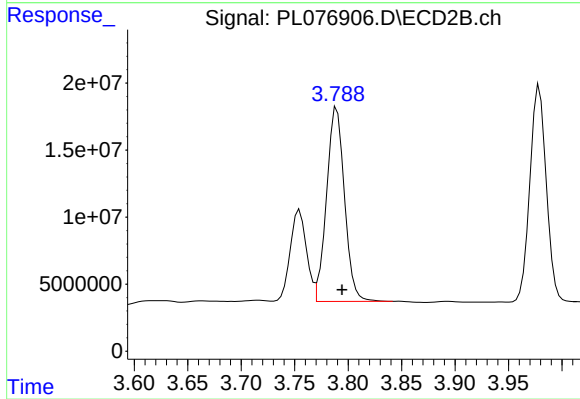
#3 gamma-BHC (Lindane)

R.T.: 3.456 min  
Delta R.T.: -0.004 min  
Response: 174547093  
Conc: 61.03 ng/ml



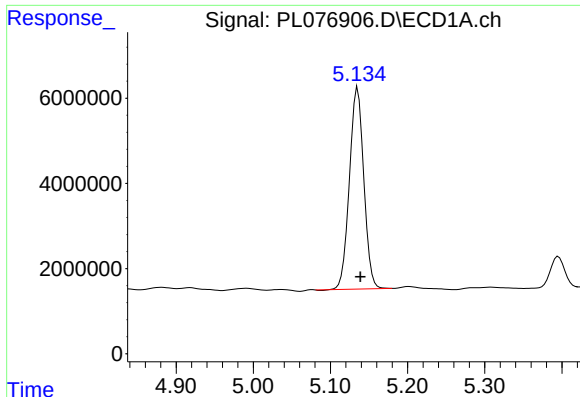
#4 Heptachlor

R.T.: 4.795 min  
Delta R.T.: -0.003 min  
Response: 67847620  
Conc: 55.45 ng/ml



#4 Heptachlor

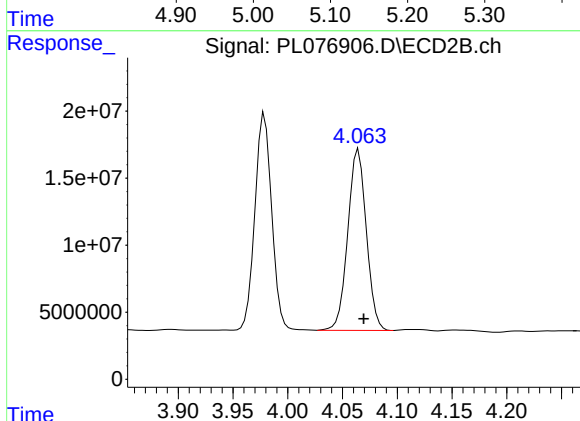
R.T.: 3.789 min  
Delta R.T.: -0.005 min  
Response: 168817946  
Conc: 58.76 ng/ml



#5 Aldrin

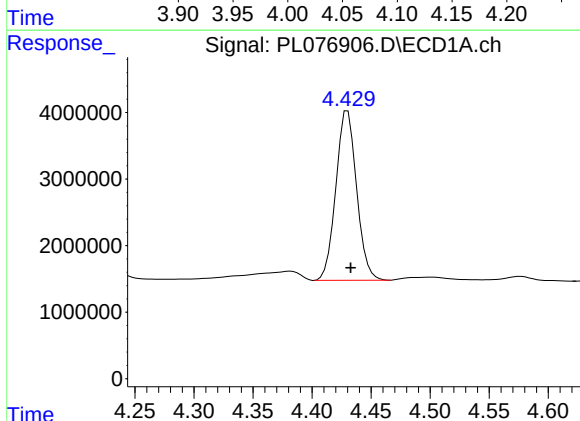
R.T.: 5.135 min  
Delta R.T.: -0.004 min  
Response: 61033401  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



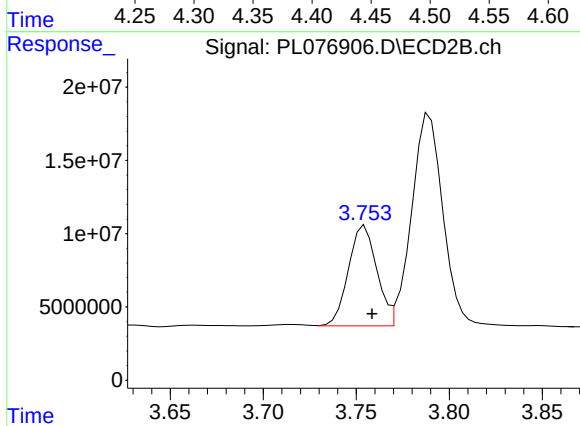
#5 Aldrin

R.T.: 4.065 min  
Delta R.T.: -0.005 min  
Response: 159443149  
Conc: 57.35 ng/ml



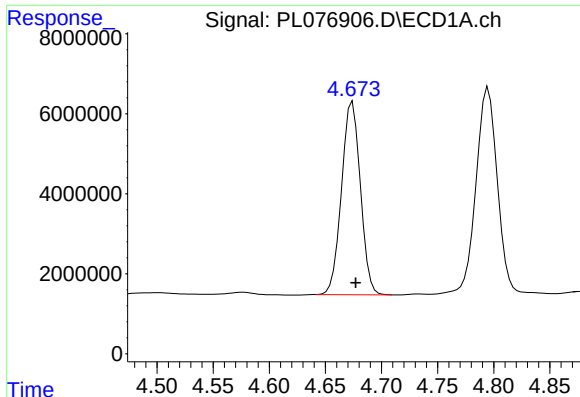
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.003 min  
Response: 31145250  
Conc: 58.94 ng/ml



#6 beta-BHC

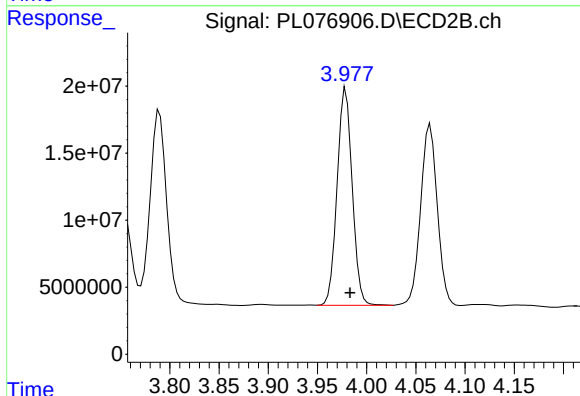
R.T.: 3.755 min  
Delta R.T.: -0.004 min  
Response: 72634977  
Conc: 59.63 ng/ml



#7 delta-BHC

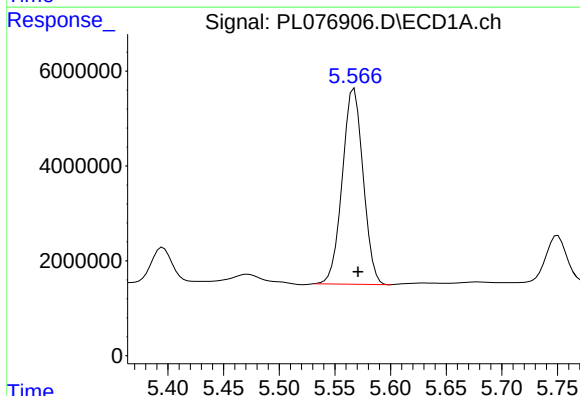
R.T.: 4.674 min  
Delta R.T.: -0.003 min  
Response: 56384039  
Conc: 59.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



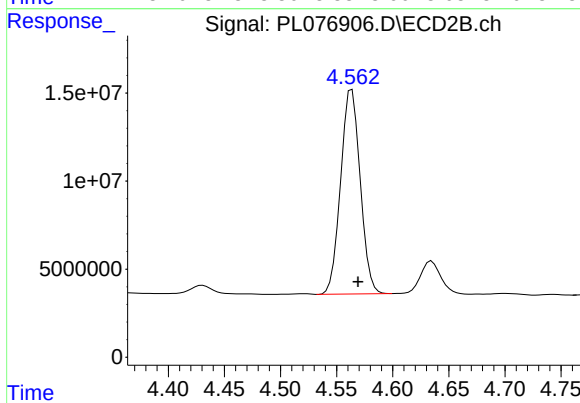
#7 delta-BHC

R.T.: 3.979 min  
Delta R.T.: -0.005 min  
Response: 173255238  
Conc: 56.57 ng/ml



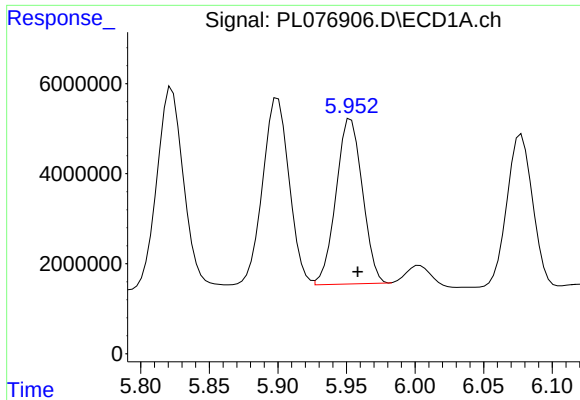
#8 Heptachlor epoxide

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 53730577  
Conc: 57.47 ng/ml



#8 Heptachlor epoxide

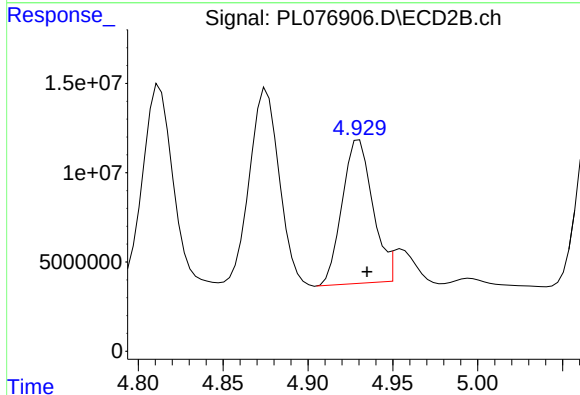
R.T.: 4.564 min  
Delta R.T.: -0.006 min  
Response: 140883326  
Conc: 57.60 ng/ml



#9 Endosulfan I

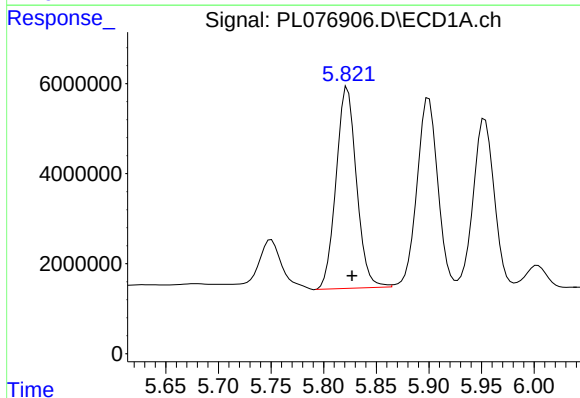
R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 49184347  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



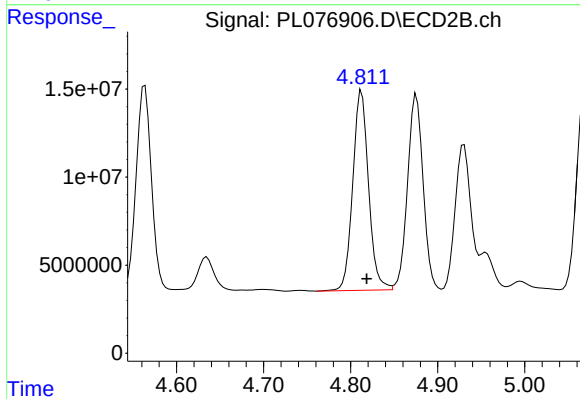
#9 Endosulfan I

R.T.: 4.930 min  
Delta R.T.: -0.005 min  
Response: 100669696  
Conc: 47.40 ng/ml



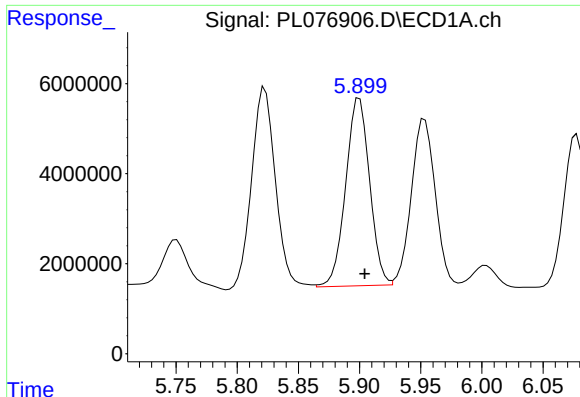
#10 gamma-Chlordane

R.T.: 5.823 min  
Delta R.T.: -0.004 min  
Response: 60459304  
Conc: 59.14 ng/ml



#10 gamma-Chlordane

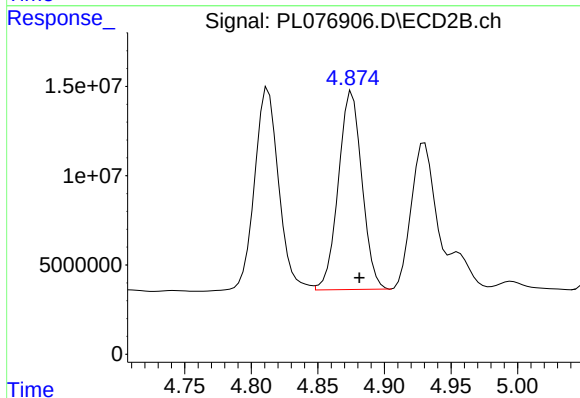
R.T.: 4.813 min  
Delta R.T.: -0.006 min  
Response: 143297875  
Conc: 58.51 ng/ml



#11 alpha-Chlordane

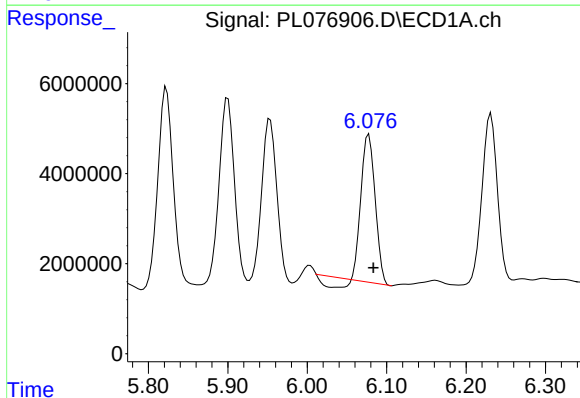
R.T.: 5.900 min  
Delta R.T.: -0.004 min  
Response: 56718889  
Conc: 54.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



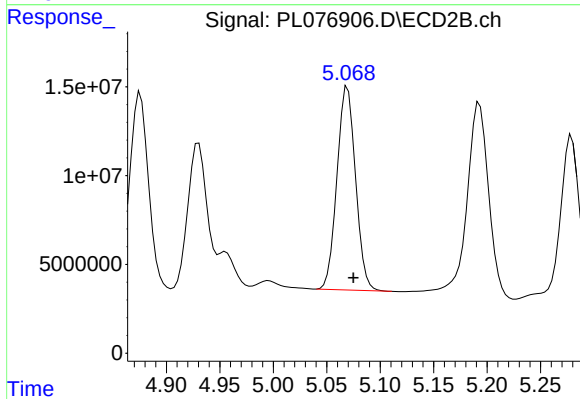
#11 alpha-Chlordane

R.T.: 4.876 min  
Delta R.T.: -0.006 min  
Response: 136958044  
Conc: 57.08 ng/ml



#12 4,4'-DDE

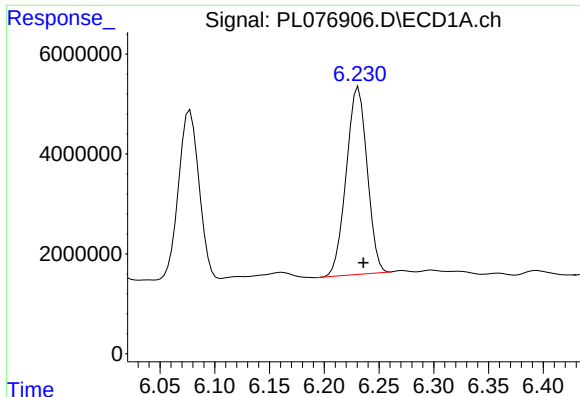
R.T.: 6.077 min  
Delta R.T.: -0.006 min  
Response: 37382065  
Conc: 39.60 ng/ml



#12 4,4'-DDE

R.T.: 5.070 min  
Delta R.T.: -0.006 min  
Response: 138488722  
Conc: 59.46 ng/ml

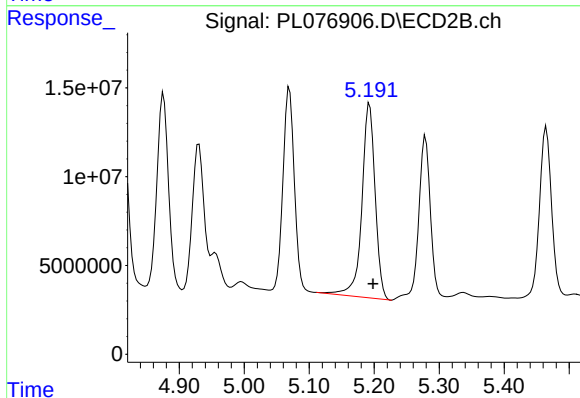




#13 Dieldrin

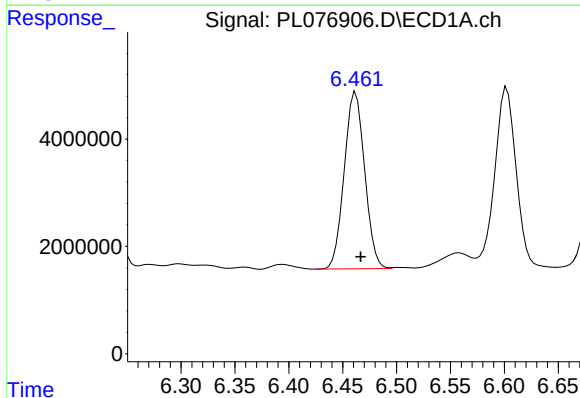
R.T.: 6.231 min  
Delta R.T.: -0.004 min  
Response: 49746012  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



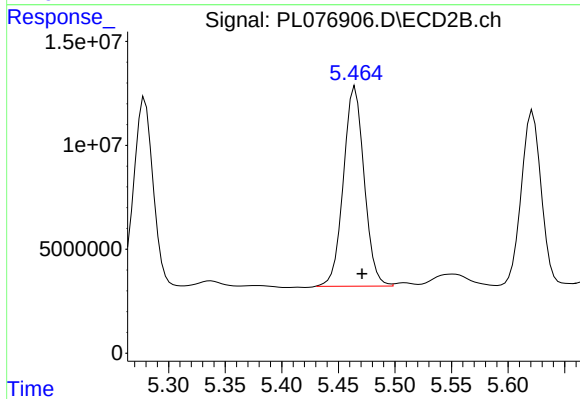
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: -0.006 min  
Response: 155108636  
Conc: 63.95 ng/ml



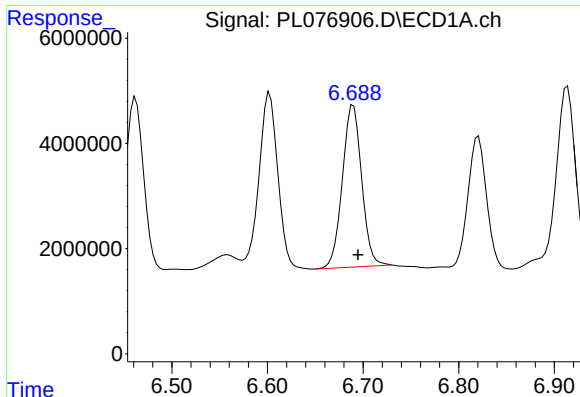
#14 Endrin

R.T.: 6.462 min  
Delta R.T.: -0.005 min  
Response: 43517649  
Conc: 47.24 ng/ml



#14 Endrin

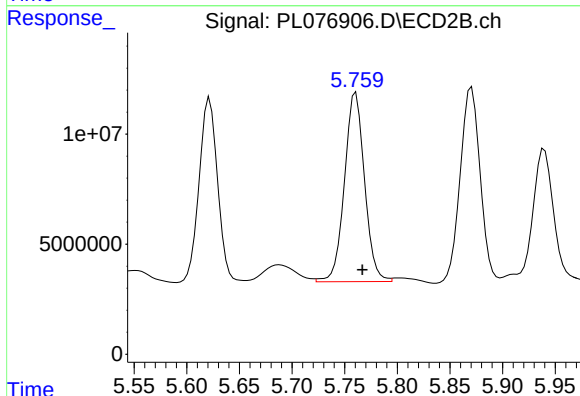
R.T.: 5.465 min  
Delta R.T.: -0.006 min  
Response: 122354099  
Conc: 56.53 ng/ml



#15 Endosulfan II

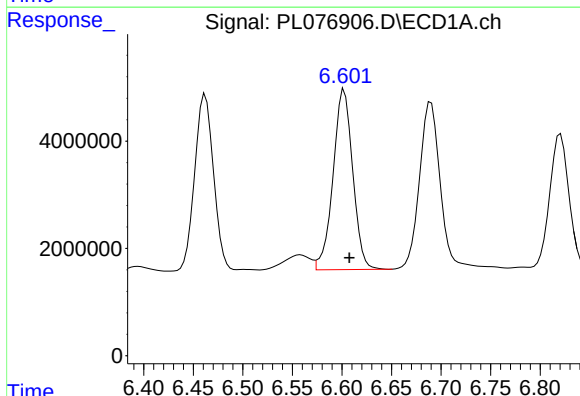
R.T.: 6.690 min  
Delta R.T.: -0.005 min  
Response: 43446414  
Conc: 48.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



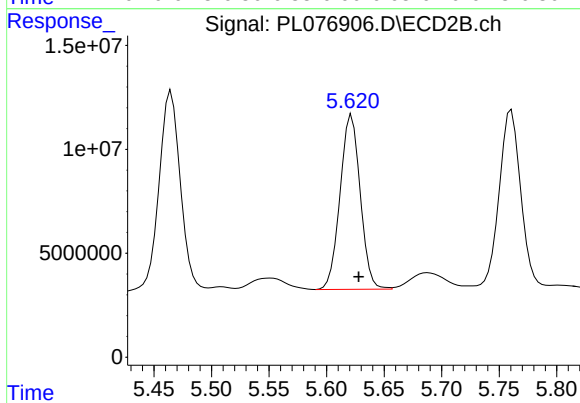
#15 Endosulfan II

R.T.: 5.761 min  
Delta R.T.: -0.006 min  
Response: 114460966  
Conc: 51.85 ng/ml



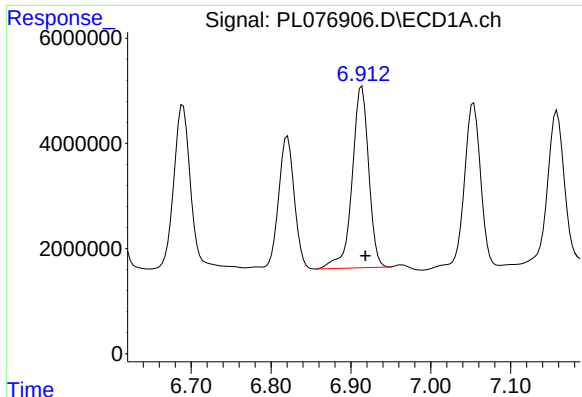
#16 4,4'-DDD

R.T.: 6.602 min  
Delta R.T.: -0.005 min  
Response: 46376733  
Conc: 54.26 ng/ml



#16 4,4'-DDD

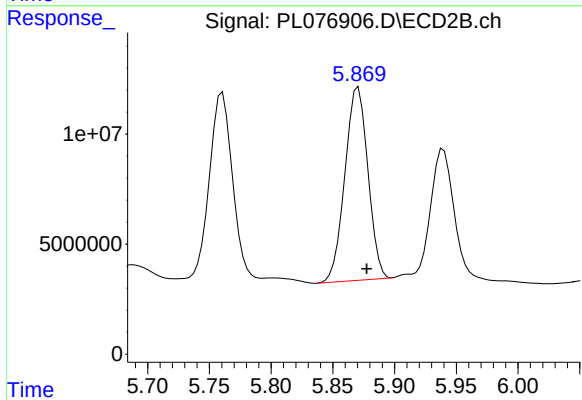
R.T.: 5.622 min  
Delta R.T.: -0.006 min  
Response: 102863679  
Conc: 55.09 ng/ml



#17 4,4'-DDT

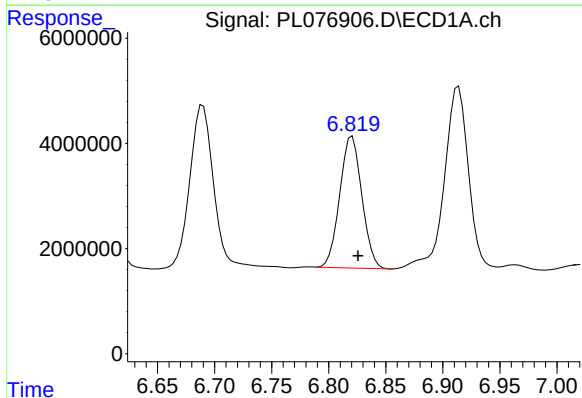
R.T.: 6.914 min  
Delta R.T.: -0.005 min  
Response: 49624011  
Conc: 58.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



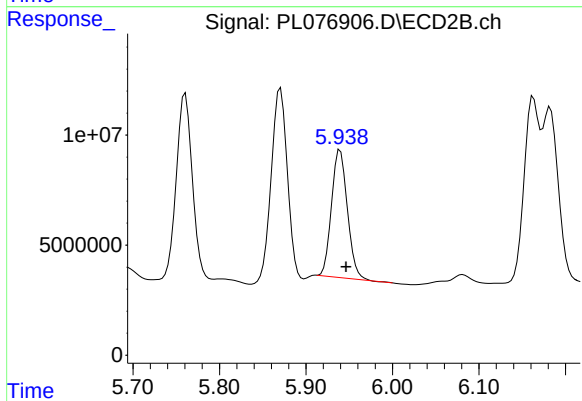
#17 4,4'-DDT

R.T.: 5.871 min  
Delta R.T.: -0.007 min  
Response: 113792026  
Conc: 60.92 ng/ml



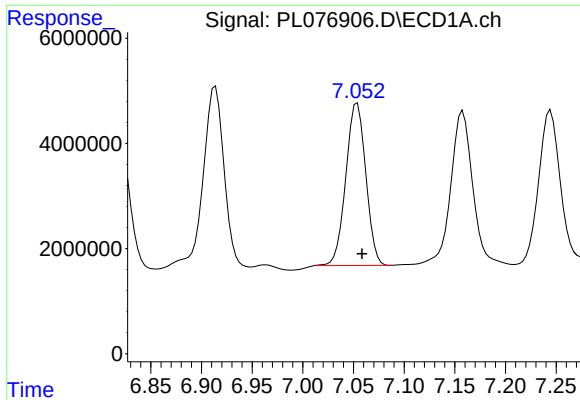
#18 Endrin aldehyde

R.T.: 6.821 min  
Delta R.T.: -0.005 min  
Response: 33791358  
Conc: 45.92 ng/ml



#18 Endrin aldehyde

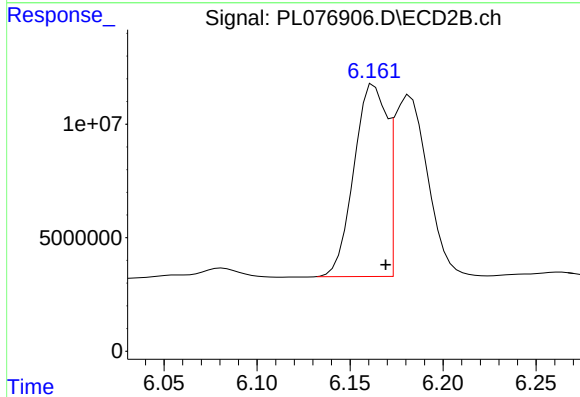
R.T.: 5.940 min  
Delta R.T.: -0.007 min  
Response: 73383073  
Conc: 45.53 ng/ml



#19 Endosulfan Sulfate

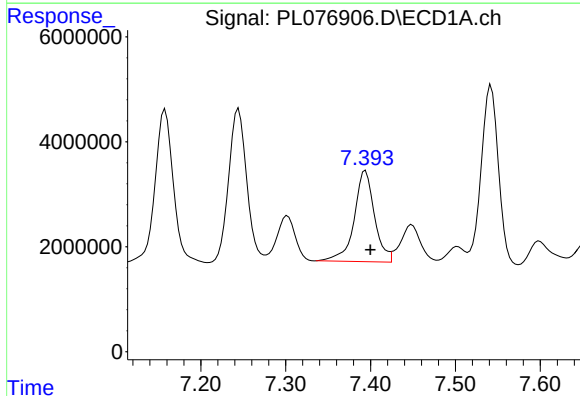
R.T.: 7.054 min  
Delta R.T.: -0.005 min  
Response: 42346871  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



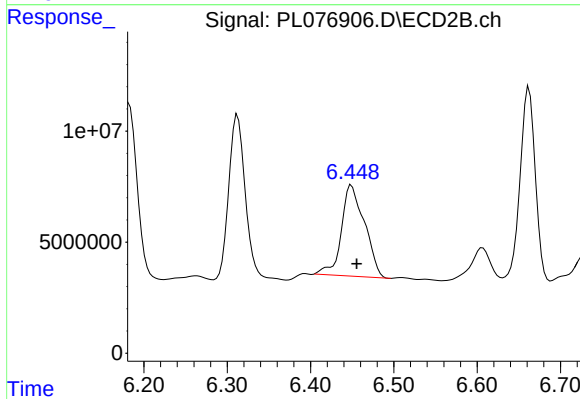
#19 Endosulfan Sulfate

R.T.: 6.163 min  
Delta R.T.: -0.006 min  
Response: 103129128  
Conc: 53.78 ng/ml



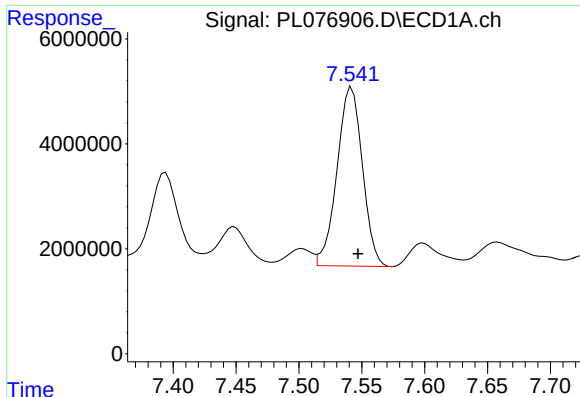
#20 Methoxychlor

R.T.: 7.394 min  
Delta R.T.: -0.006 min  
Response: 28817215  
Conc: 59.82 ng/ml



#20 Methoxychlor

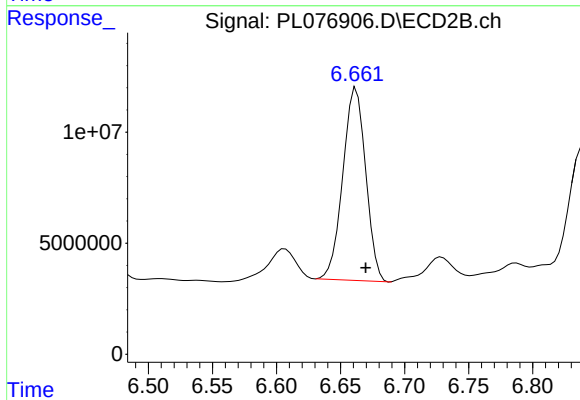
R.T.: 6.449 min  
Delta R.T.: -0.006 min  
Response: 79412467  
Conc: 77.79 ng/ml



#21 Endrin ketone

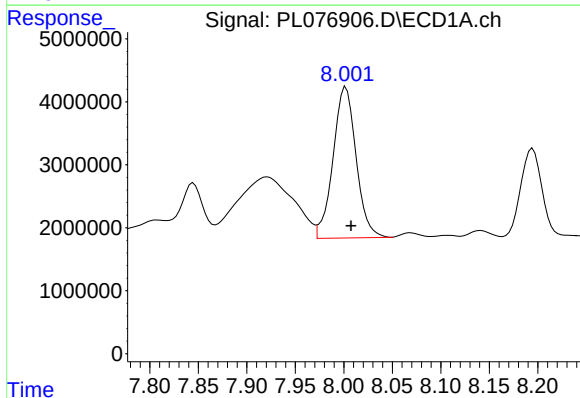
R.T.: 7.542 min  
Delta R.T.: -0.005 min  
Response: 48048508  
Conc: 51.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



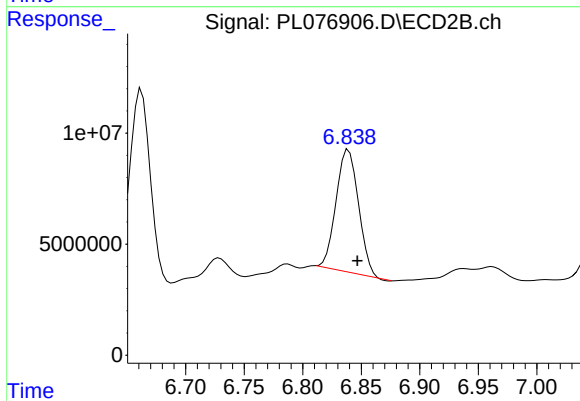
#21 Endrin ketone

R.T.: 6.662 min  
Delta R.T.: -0.007 min  
Response: 107722053  
Conc: 51.62 ng/ml



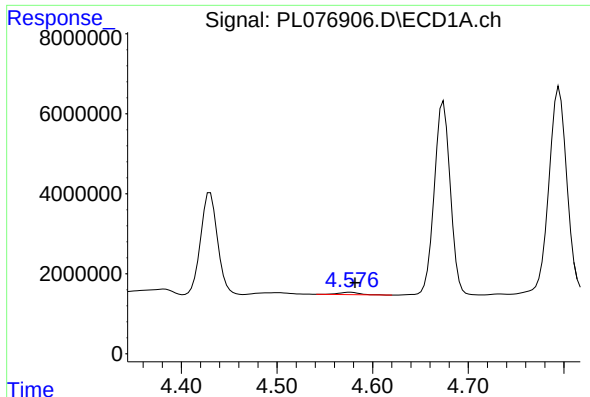
#22 Mirex

R.T.: 8.002 min  
Delta R.T.: -0.005 min  
Response: 39581167  
Conc: 53.58 ng/ml



#22 Mirex

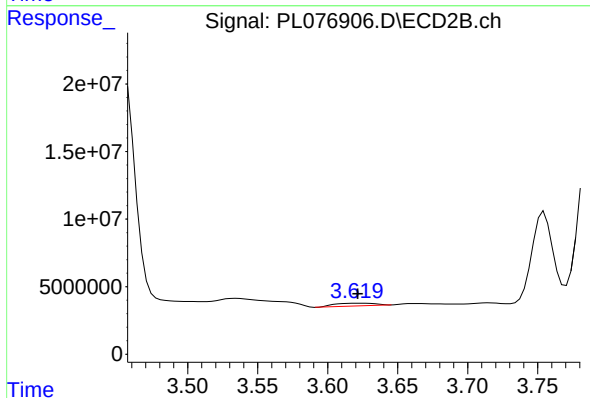
R.T.: 6.839 min  
Delta R.T.: -0.007 min  
Response: 73832466  
Conc: 45.83 ng/ml



#23 Chlordane-1

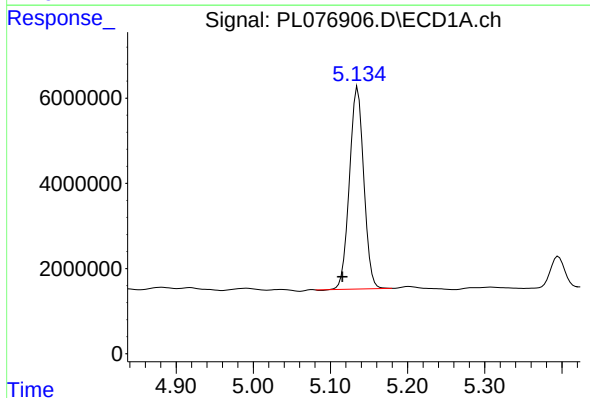
R.T.: 4.577 min  
Delta R.T.: -0.005 min  
Response: 851824  
Conc: 22.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



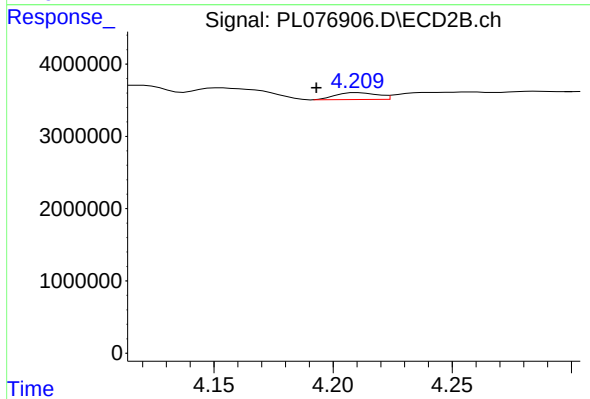
#23 Chlordane-1

R.T.: 3.621 min  
Delta R.T.: 0.000 min  
Response: 4209367  
Conc: 52.76 ng/ml



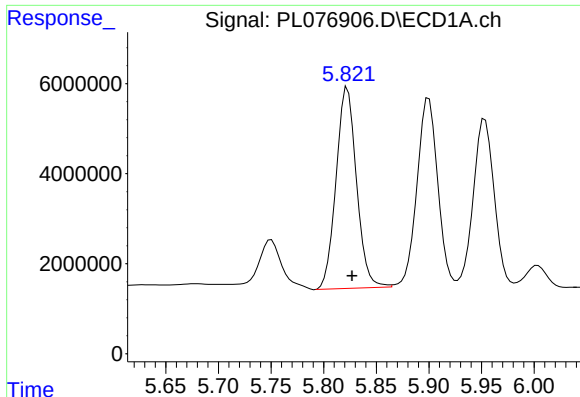
#24 Chlordane-2

R.T.: 5.135 min  
Delta R.T.: 0.020 min  
Response: 61033401  
Conc: 1465.88 ng/ml



#24 Chlordane-2

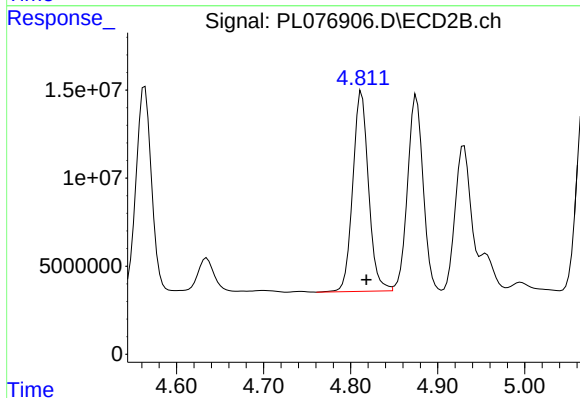
R.T.: 4.210 min  
Delta R.T.: 0.017 min  
Response: 1162002  
Conc: 11.80 ng/ml



#25 Chlordane-3

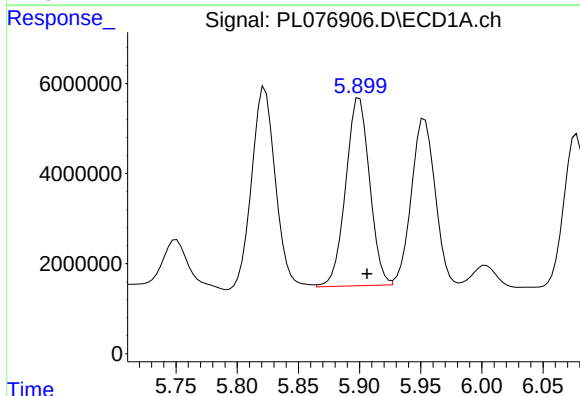
R.T.: 5.823 min  
Delta R.T.: -0.005 min  
Response: 60459304  
Conc: 374.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



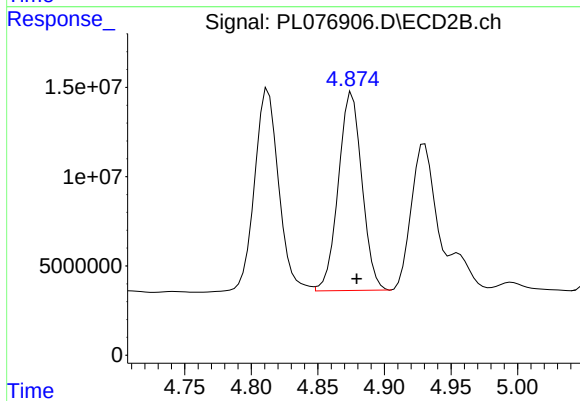
#25 Chlordane-3

R.T.: 4.813 min  
Delta R.T.: -0.006 min  
Response: 143297875  
Conc: 519.63 ng/ml



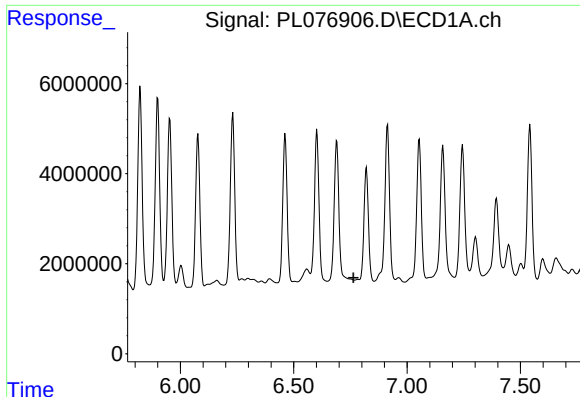
#26 Chlordane-4

R.T.: 5.900 min  
Delta R.T.: -0.006 min  
Response: 56718889  
Conc: 289.05 ng/ml



#26 Chlordane-4

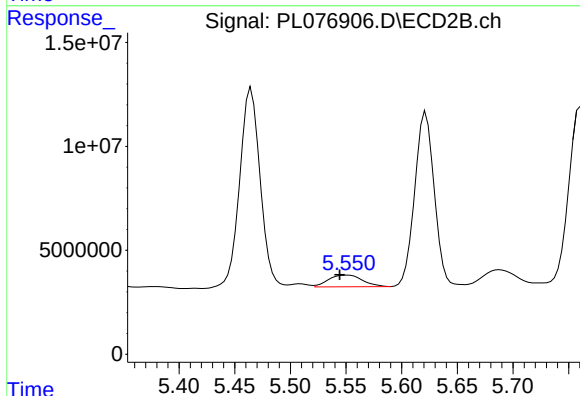
R.T.: 4.876 min  
Delta R.T.: -0.004 min  
Response: 136958044  
Conc: 474.79 ng/ml



#27 Chlordane-5

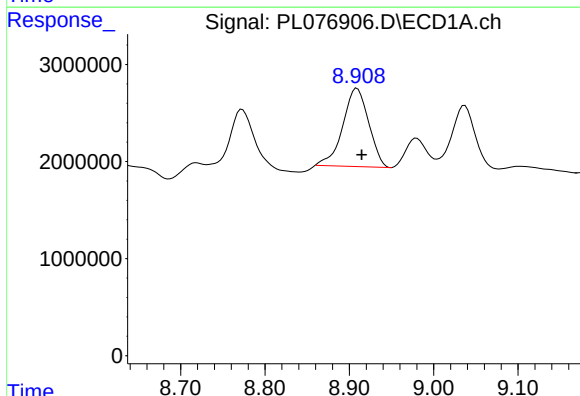
R.T.: 6.783 min  
Delta R.T.: 0.019 min  
Response: -163588  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



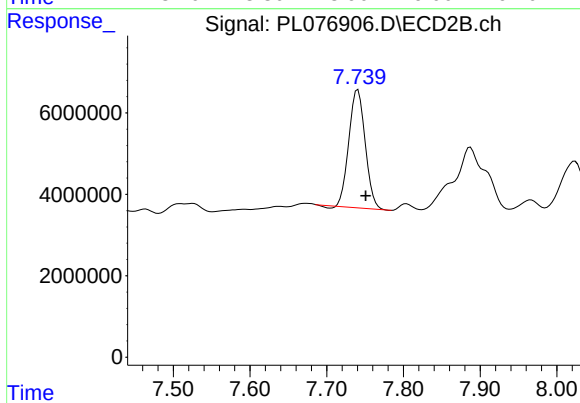
#27 Chlordane-5

R.T.: 5.551 min  
Delta R.T.: 0.007 min  
Response: 11852101  
Conc: 155.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.909 min  
Delta R.T.: -0.006 min  
Response: 17167550  
Conc: 21.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.741 min  
Delta R.T.: -0.010 min  
Response: 43112540  
Conc: 22.42 ng/ml