

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102022\  
 Data File : PL078429.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2022 13:55  
 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 20 18:01:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 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... | 3.413  | 2.621 | 74718581 | 121.5E6  | 45.212   | 45.980    |
| 28)                         | SA Decachlor... | 8.902  | 7.715 | 57863746 | 99000496 | 37.481   | 45.542    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.878  | 3.113 | 117.3E6  | 192.9E6  | 46.656   | 46.340    |
| 3)                          | MA gamma-BHC... | 4.214  | 3.436 | 106.4E6  | 173.6E6  | 45.623   | 49.828    |
| 4)                          | MA Heptachlor   | 4.789  | 3.767 | 96384219 | 170.7E6  | 43.361   | 47.801    |
| 5)                          | MB Aldrin       | 5.130  | 4.041 | 102.2E6  | 163.5E6  | 48.816   | 48.075    |
| 6)                          | B beta-BHC      | 4.427  | 3.736 | 44948425 | 69929437 | 45.192   | 47.433    |
| 7)                          | B delta-BHC     | 4.671  | 3.959 | 105.6E6  | 174.1E6  | 57.483   | 47.095    |
| 8)                          | B Heptachlo...  | 5.563  | 4.539 | 97096608 | 144.8E6  | 63.775   | 49.136    |
| 9)                          | A Endosulfan I  | 5.948  | 4.905 | 80397623 | 134.5E6  | 47.892   | 48.761    |
| 10)                         | B gamma-Chl...  | 5.818  | 4.789 | 89659032 | 146.2E6  | 50.319   | 48.839    |
| 11)                         | B alpha-Chl...  | 5.895  | 4.851 | 86542569 | 141.4E6  | 48.328   | 49.089    |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.045 | 87845184 | 141.0E6  | 52.123   | 49.307    |
| 13)                         | MA Dieldrin     | 6.227  | 5.168 | 77184548 | 145.0E6  | 44.862   | 49.470    |
| 14)                         | MA Endrin       | 6.458  | 5.440 | 62896986 | 123.2E6  | 42.151   | 53.476 #  |
| 15)                         | B Endosulfa...  | 6.687  | 5.737 | 61574697 | 114.9E6  | 45.931   | 46.943    |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.598 | 60247422 | 116.2E6  | 48.929   | 52.157    |
| 17)                         | MA 4,4'-DDT     | 6.910  | 5.846 | 62654307 | 110.1E6  | 42.798   | 48.523    |
| 18)                         | B Endrin al...  | 6.818  | 5.915 | 47200479 | 88154522 | 41.245   | 47.642    |
| 19)                         | B Endosulfa...  | 7.051  | 6.139 | 57982523 | 114.4E6  | 40.651   | 47.544    |
| 20)                         | A Methoxychlor  | 7.391  | 6.423 | 27459866 | 57703227 | 36.240   | 45.687 #  |
| 21)                         | B Endrin ke...  | 7.540  | 6.638 | 63683206 | 127.2E6  | 40.820   | 47.993    |
| 22)                         | Mirex           | 7.999  | 6.812 | 48045170 | 91017744 | 40.677   | 47.311    |
| 24)                         | Chlordane-2     | 5.130f | 4.151 | 102.2E6  | -103748  | 1451.560 | N.D. #    |
| 25)                         | Chlordane-3     | 5.818  | 4.789 | 89659032 | 146.2E6  | 344.870  | 477.831 # |
| 26)                         | Chlordane-4     | 5.895  | 4.851 | 86542569 | 141.4E6  | 270.976  | 437.756 # |
| -----                       |                 |        |       |          |          |          |           |

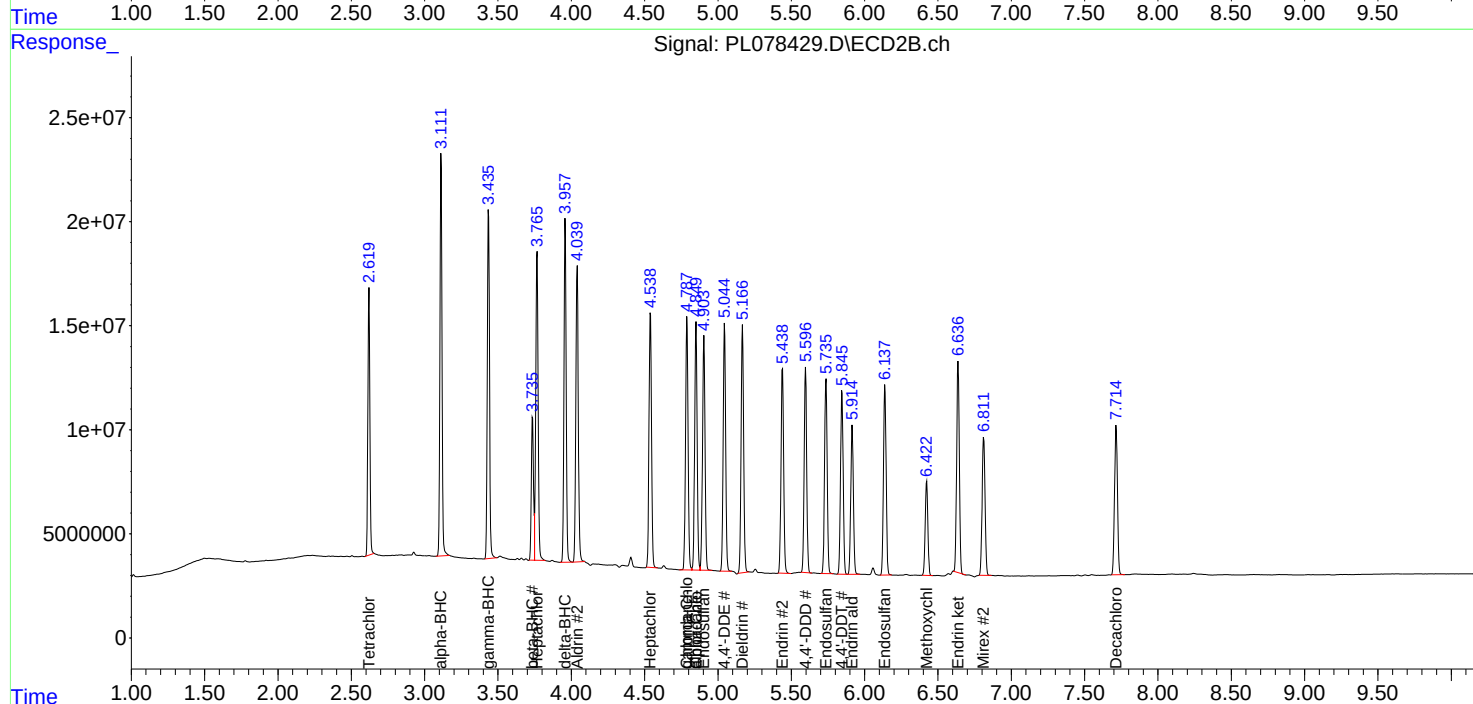
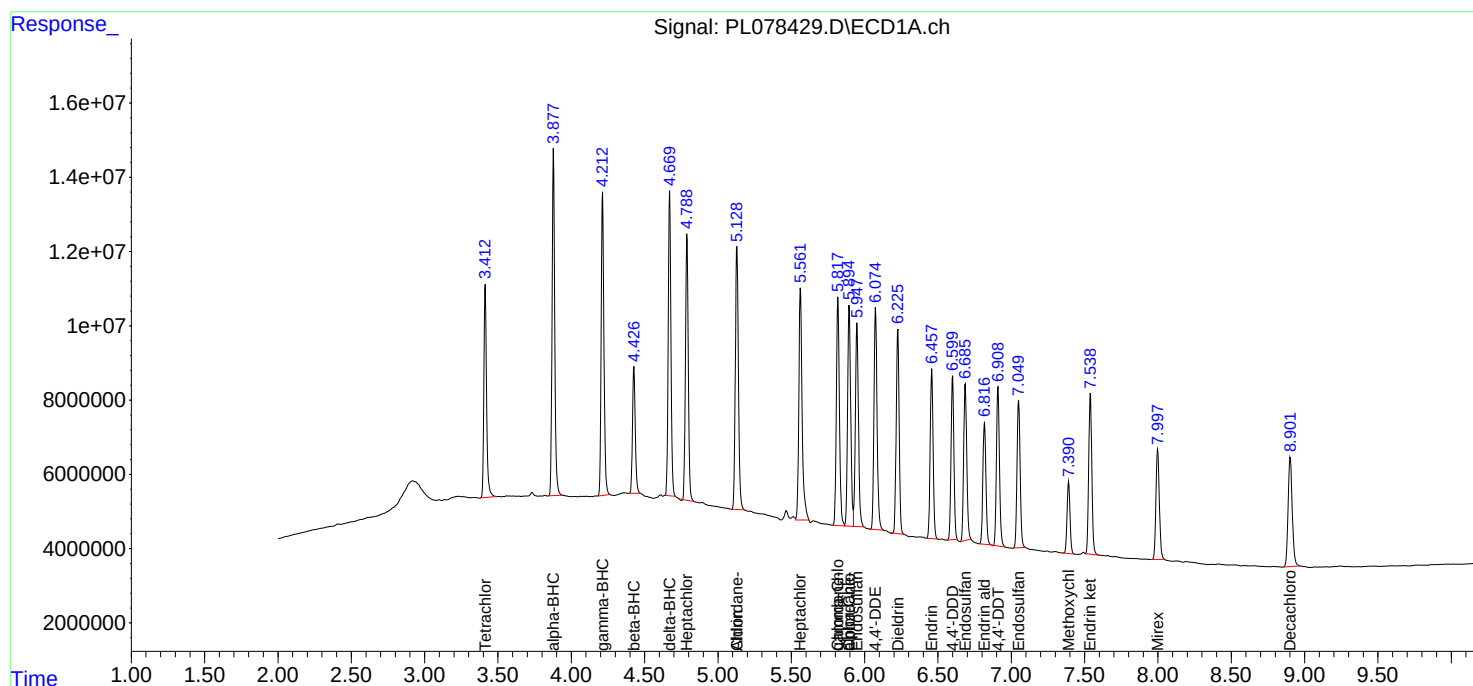
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

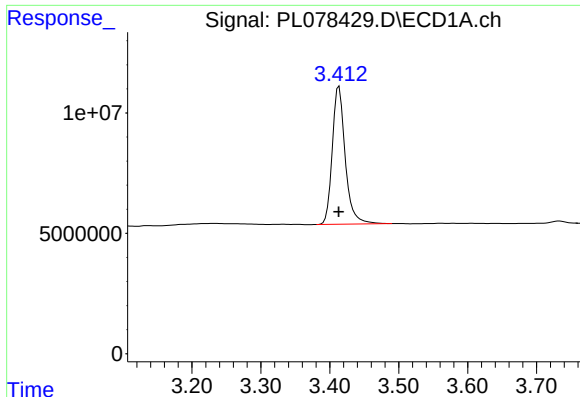
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102022\  
Data File : PL078429.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2022 13:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 18:01:43 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 12 15:30:54 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

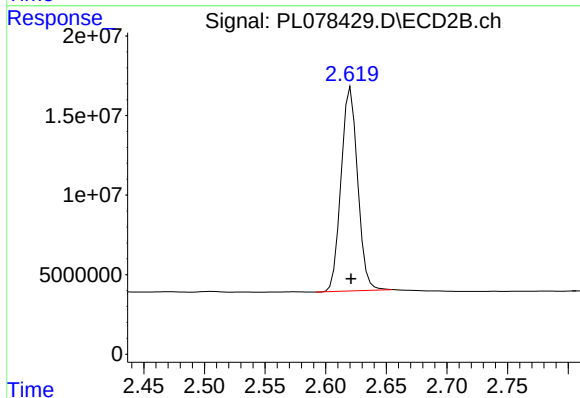




#1 Tetrachloro-m-xylene

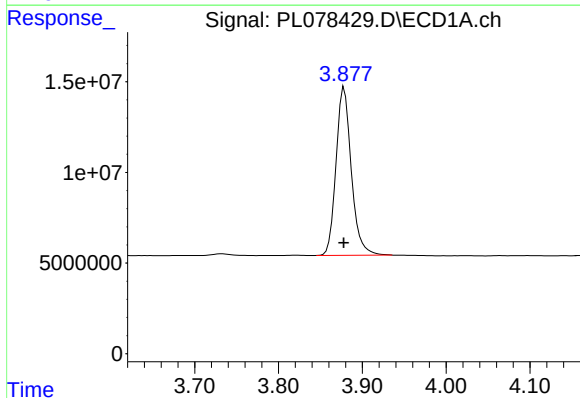
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 74718581  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



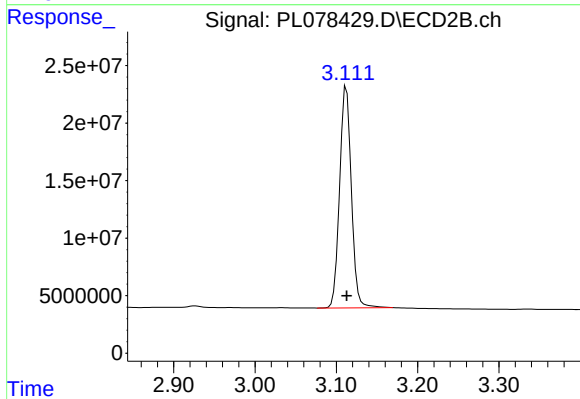
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: 0.000 min  
Response: 121536614  
Conc: 45.98 ng/ml



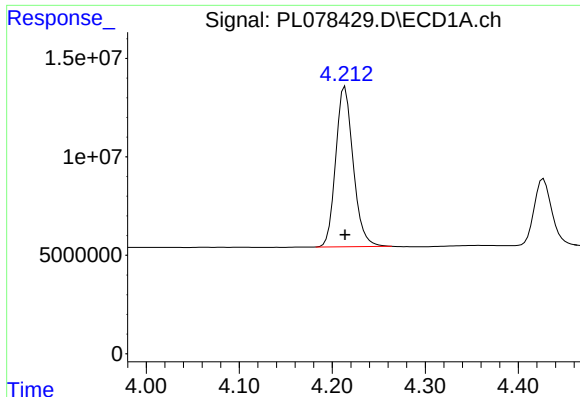
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 117326565  
Conc: 46.66 ng/ml



#2 alpha-BHC

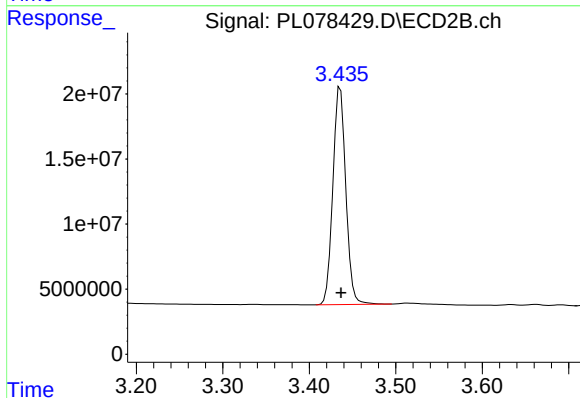
R.T.: 3.113 min  
Delta R.T.: 0.000 min  
Response: 192876321  
Conc: 46.34 ng/ml



#3 gamma-BHC (Lindane)

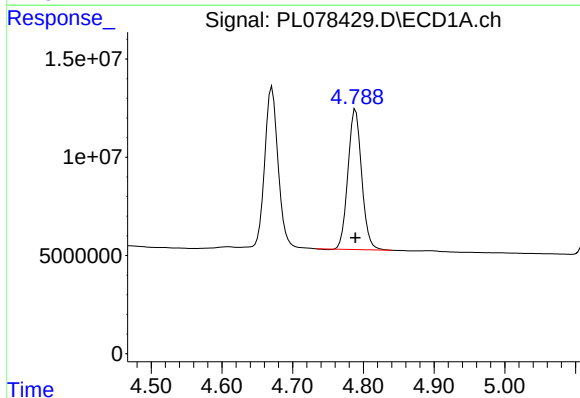
R.T.: 4.214 min  
Delta R.T.: 0.000 min  
Response: 106392805  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



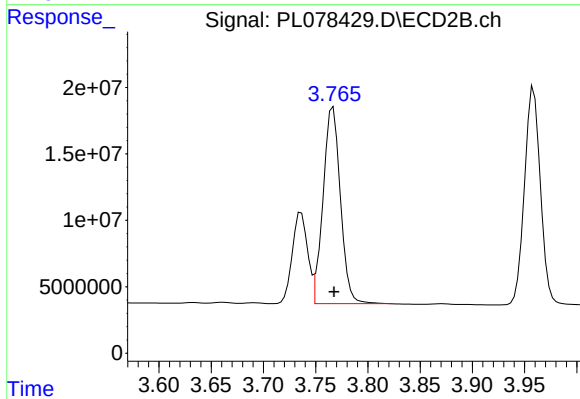
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 173627922  
Conc: 49.83 ng/ml



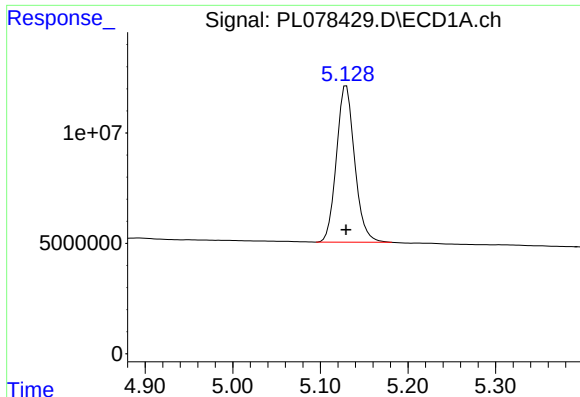
#4 Heptachlor

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 96384219  
Conc: 43.36 ng/ml



#4 Heptachlor

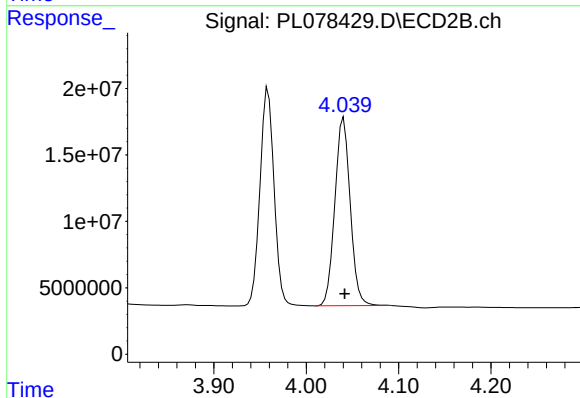
R.T.: 3.767 min  
Delta R.T.: -0.001 min  
Response: 170717125  
Conc: 47.80 ng/ml



#5 Aldrin

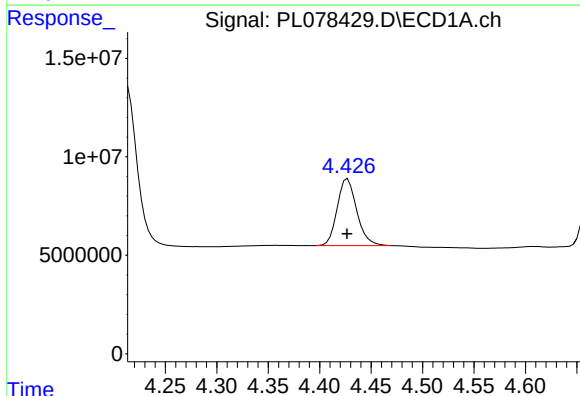
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 102238489  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



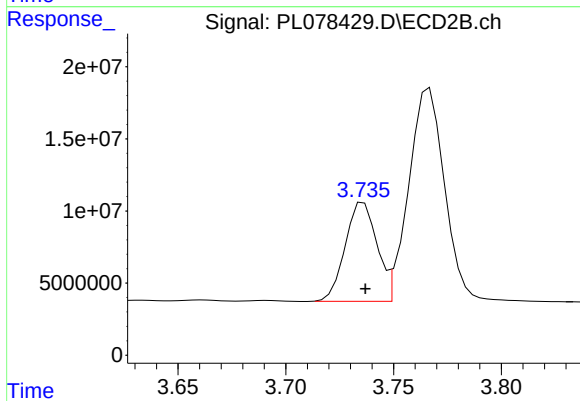
#5 Aldrin

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 163548568  
Conc: 48.08 ng/ml



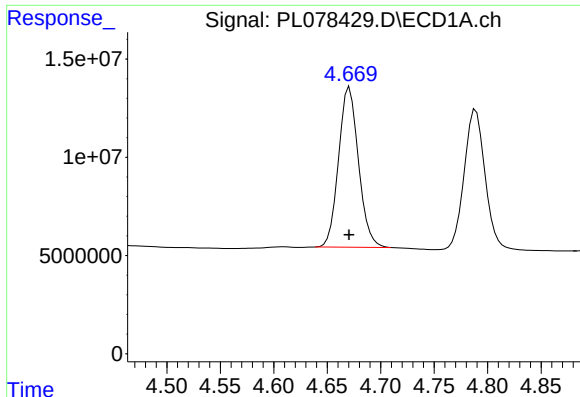
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 44948425  
Conc: 45.19 ng/ml



#6 beta-BHC

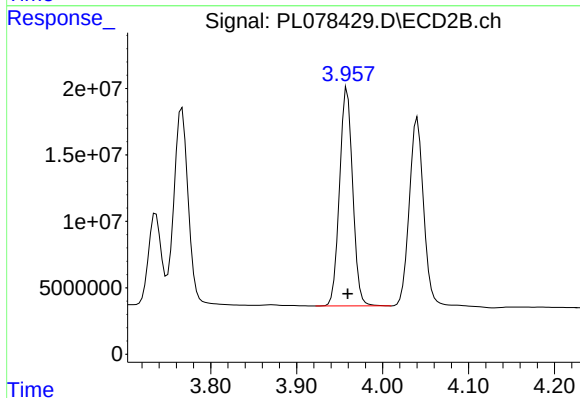
R.T.: 3.736 min  
Delta R.T.: 0.000 min  
Response: 69929437  
Conc: 47.43 ng/ml



#7 delta-BHC

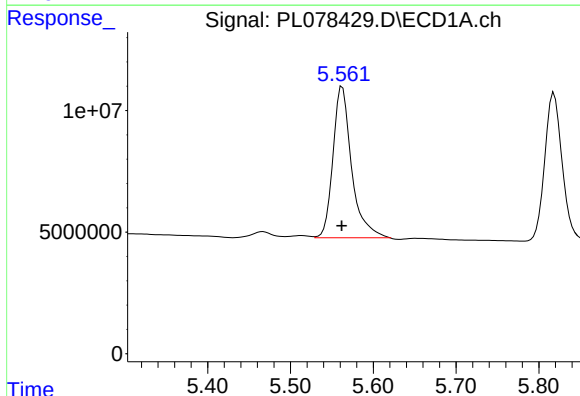
R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 105645789  
Conc: 57.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



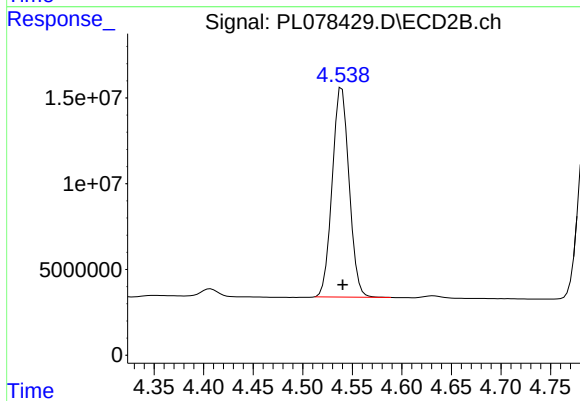
#7 delta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 174088522  
Conc: 47.09 ng/ml



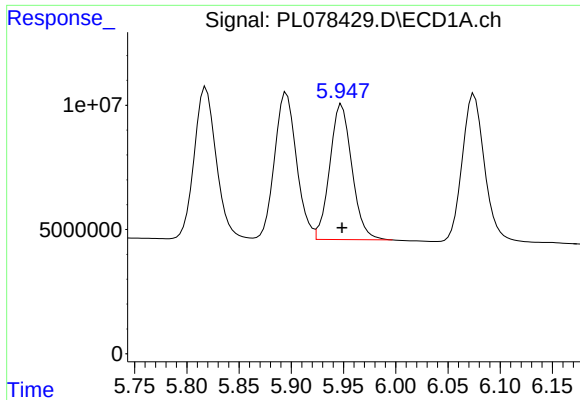
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 97096608  
Conc: 63.77 ng/ml



#8 Heptachlor epoxide

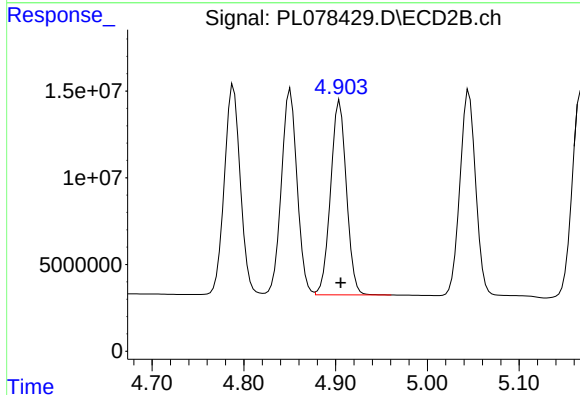
R.T.: 4.539 min  
Delta R.T.: 0.000 min  
Response: 144785839  
Conc: 49.14 ng/ml



#9 Endosulfan I

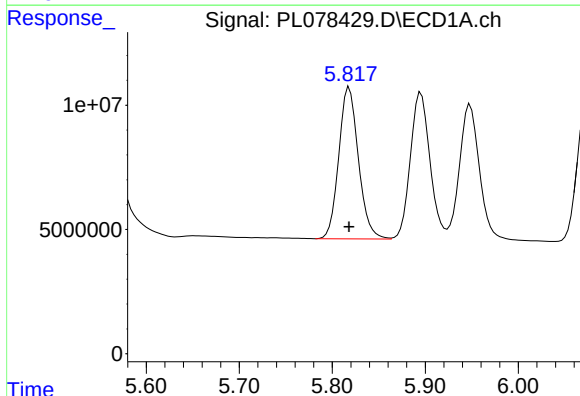
R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 80397623  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



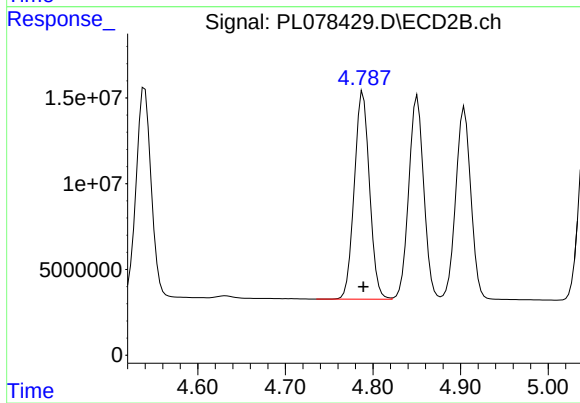
#9 Endosulfan I

R.T.: 4.905 min  
Delta R.T.: -0.001 min  
Response: 134488019  
Conc: 48.76 ng/ml



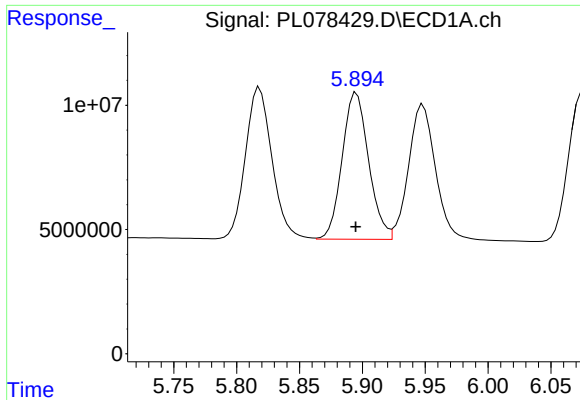
#10 gamma-Chlordane

R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 89659032  
Conc: 50.32 ng/ml



#10 gamma-Chlordane

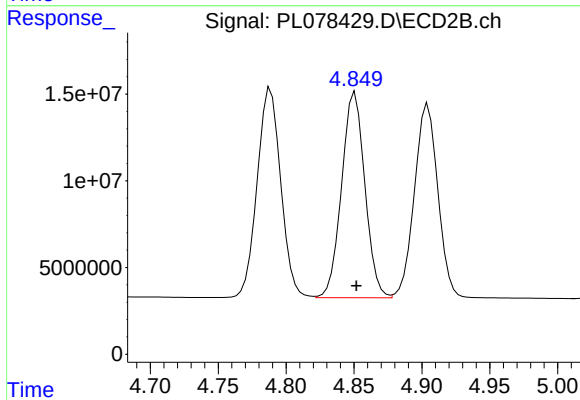
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 146196607  
Conc: 48.84 ng/ml



#11 alpha-Chlordane

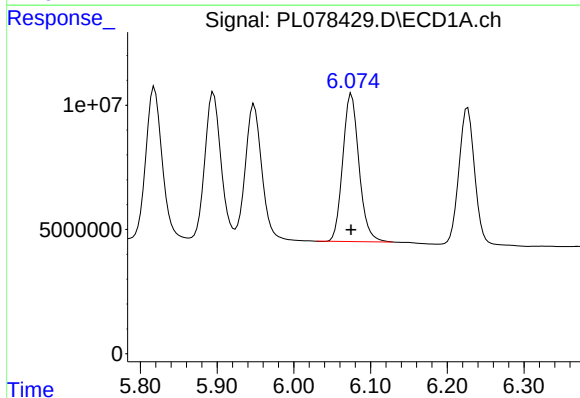
R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 86542569  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



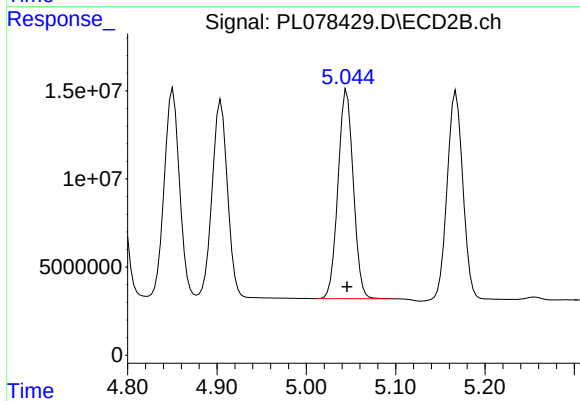
#11 alpha-Chlordane

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 141358527  
Conc: 49.09 ng/ml



#12 4,4'-DDE

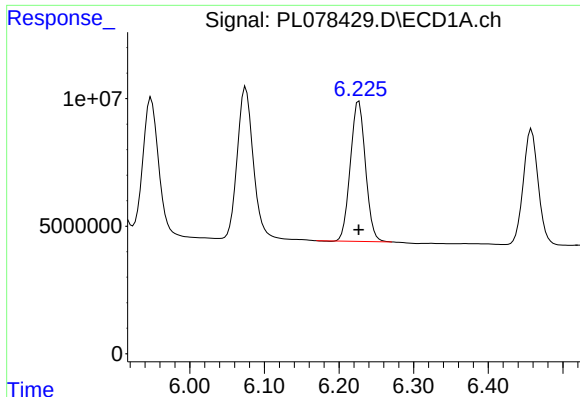
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 87845184  
Conc: 52.12 ng/ml



#12 4,4'-DDE

R.T.: 5.045 min  
Delta R.T.: 0.000 min  
Response: 140956596  
Conc: 49.31 ng/ml

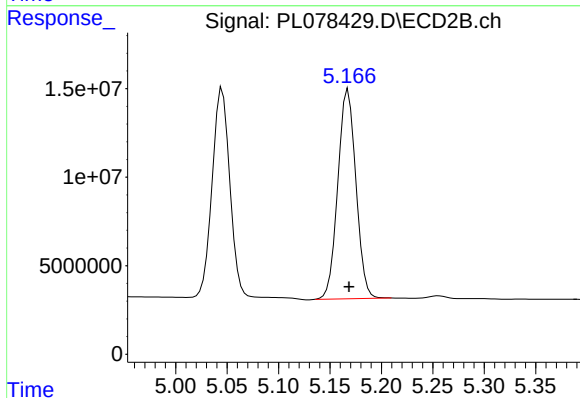




#13 Dieldrin

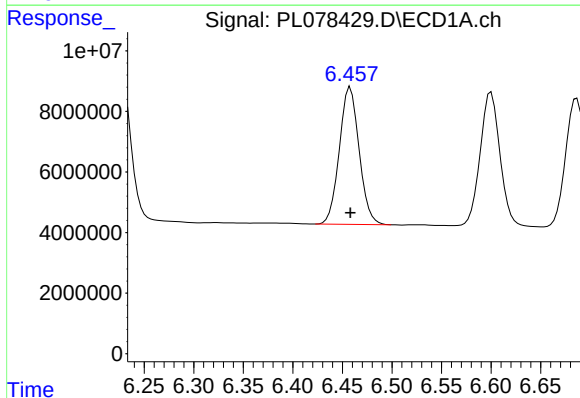
R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 77184548  
Conc: 44.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



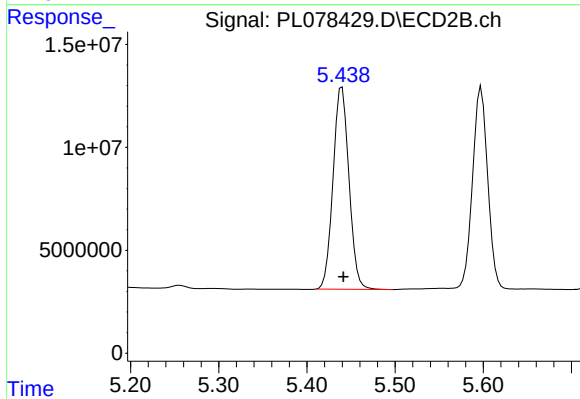
#13 Dieldrin

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 144956622  
Conc: 49.47 ng/ml



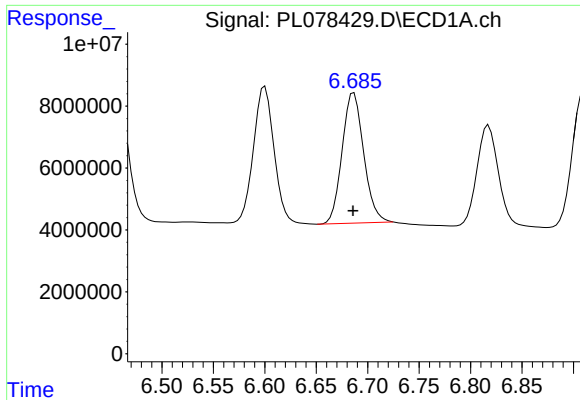
#14 Endrin

R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 62896986  
Conc: 42.15 ng/ml



#14 Endrin

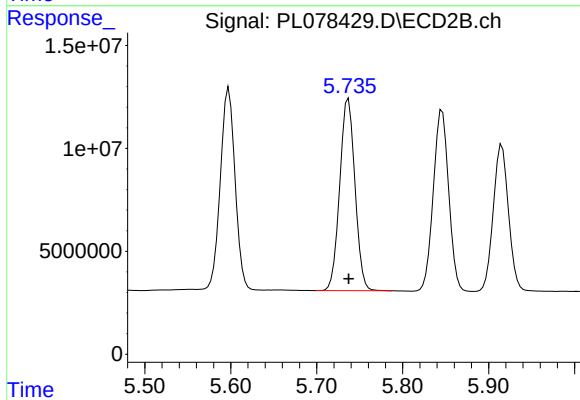
R.T.: 5.440 min  
Delta R.T.: -0.001 min  
Response: 123175060  
Conc: 53.48 ng/ml



#15 Endosulfan II

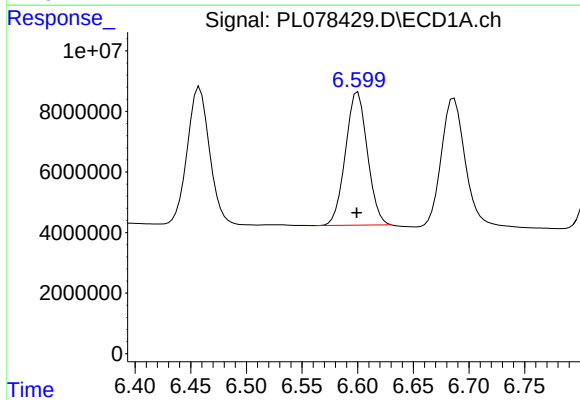
R.T.: 6.687 min  
Delta R.T.: 0.000 min  
Response: 61574697  
Conc: 45.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



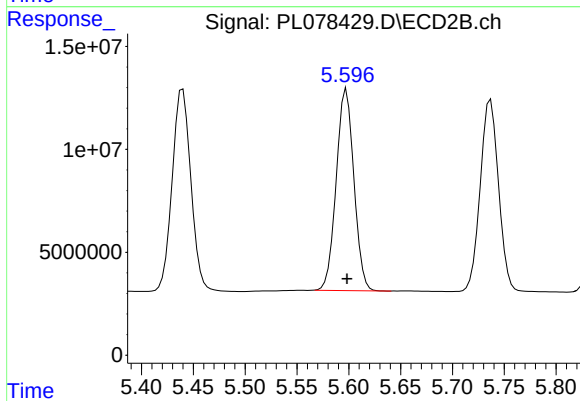
#15 Endosulfan II

R.T.: 5.737 min  
Delta R.T.: 0.000 min  
Response: 114917095  
Conc: 46.94 ng/ml



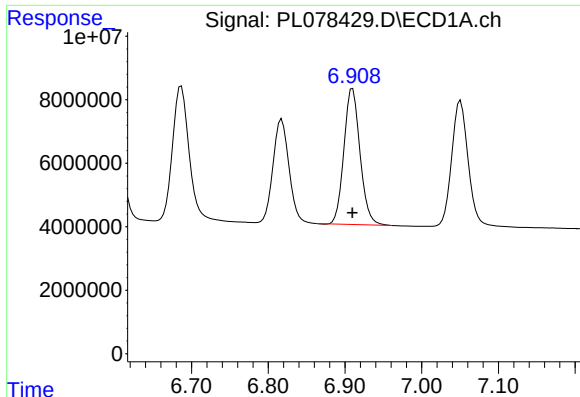
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 60247422  
Conc: 48.93 ng/ml



#16 4,4'-DDD

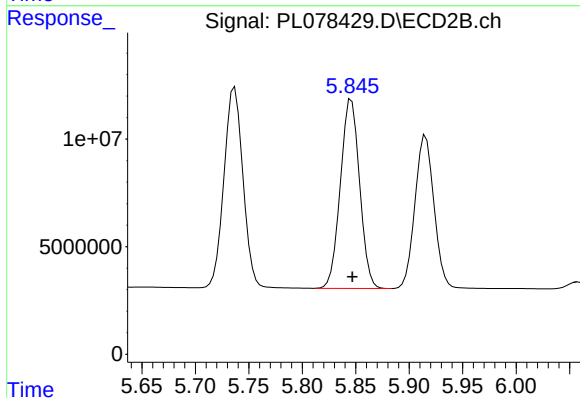
R.T.: 5.598 min  
Delta R.T.: 0.000 min  
Response: 116177264  
Conc: 52.16 ng/ml



#17 4,4'-DDT

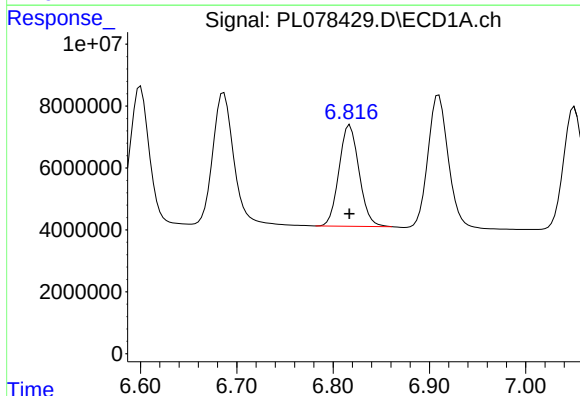
R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 62654307  
Conc: 42.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



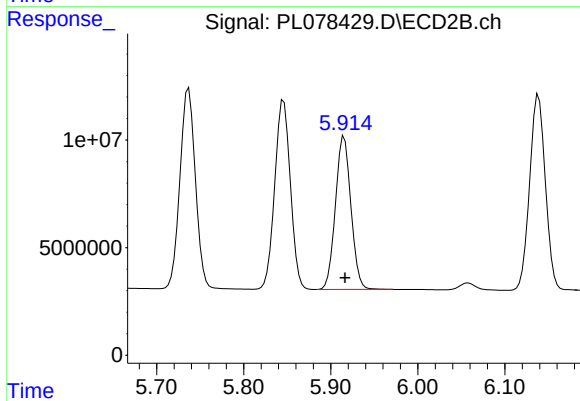
#17 4,4'-DDT

R.T.: 5.846 min  
Delta R.T.: 0.000 min  
Response: 110142547  
Conc: 48.52 ng/ml



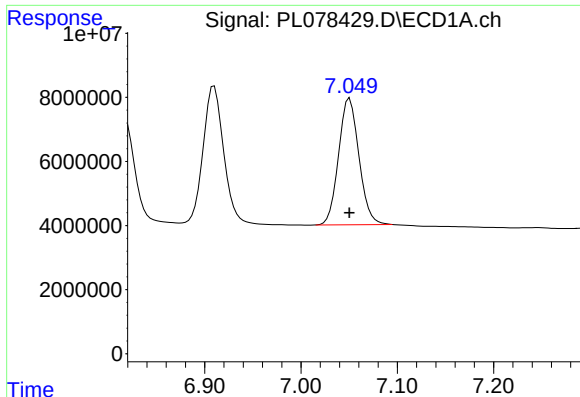
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: 0.000 min  
Response: 47200479  
Conc: 41.24 ng/ml



#18 Endrin aldehyde

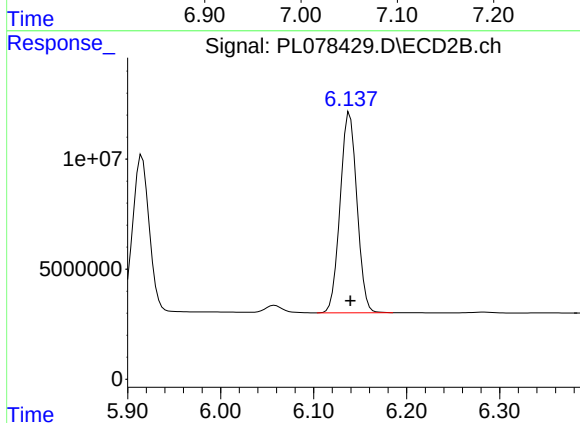
R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 88154522  
Conc: 47.64 ng/ml



#19 Endosulfan Sulfate

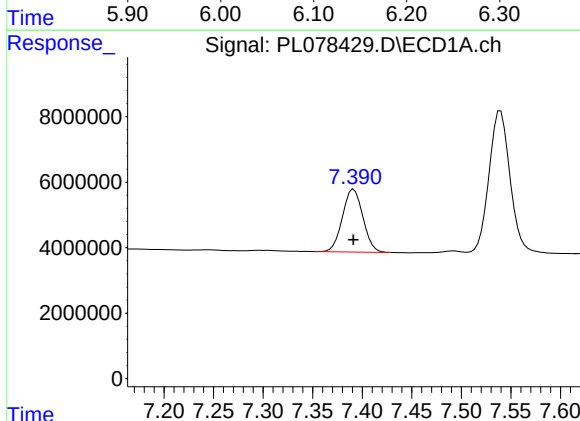
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 57982523  
Conc: 40.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



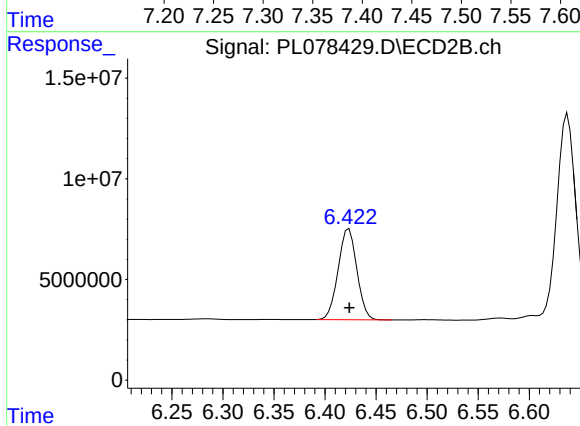
#19 Endosulfan Sulfate

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 114446908  
Conc: 47.54 ng/ml



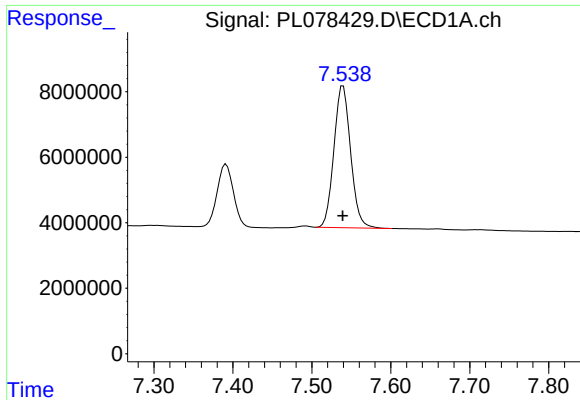
#20 Methoxychlor

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 27459866  
Conc: 36.24 ng/ml



#20 Methoxychlor

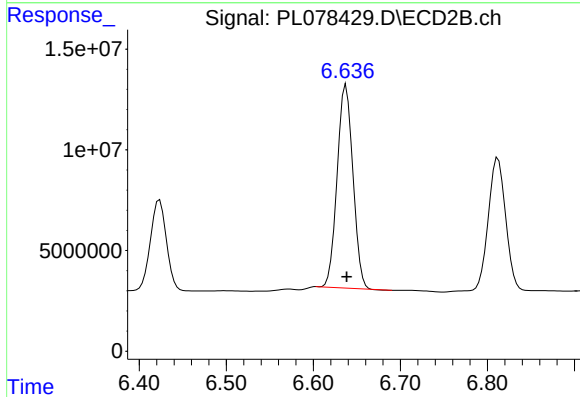
R.T.: 6.423 min  
Delta R.T.: 0.000 min  
Response: 57703227  
Conc: 45.69 ng/ml



#21 Endrin ketone

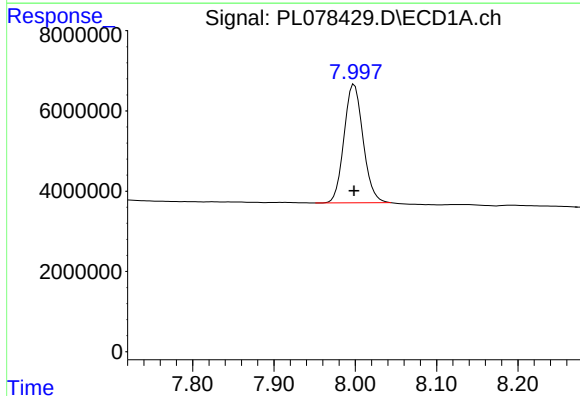
R.T.: 7.540 min  
Delta R.T.: 0.000 min  
Response: 63683206  
Conc: 40.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



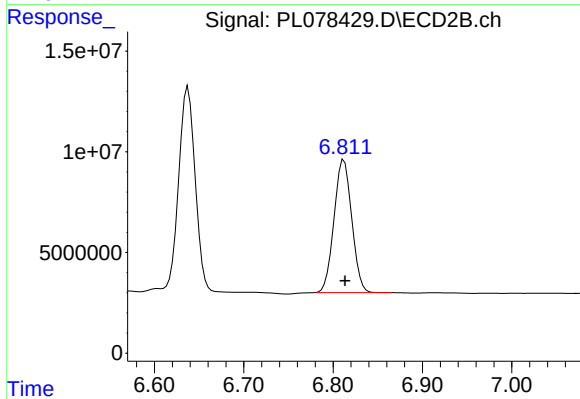
#21 Endrin ketone

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 127153163  
Conc: 47.99 ng/ml



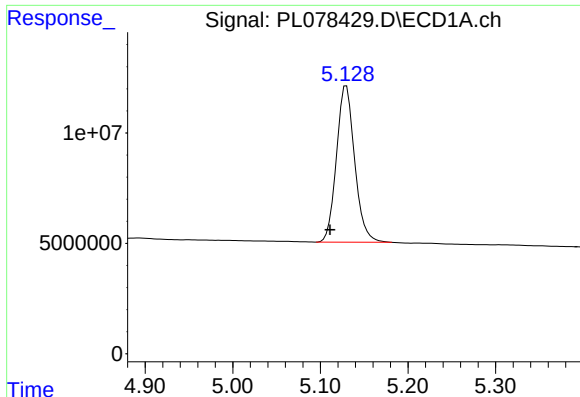
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: 0.000 min  
Response: 48045170  
Conc: 40.68 ng/ml



#22 Mirex

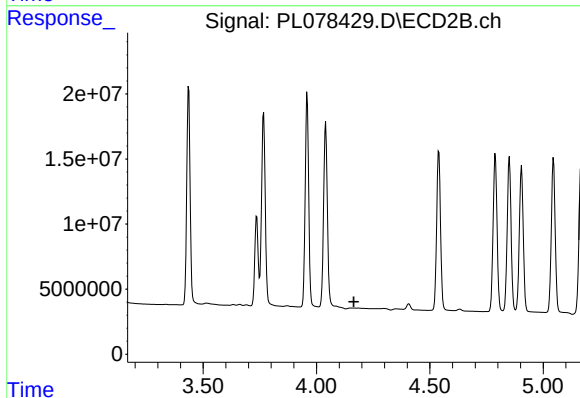
R.T.: 6.812 min  
Delta R.T.: -0.001 min  
Response: 91017744  
Conc: 47.31 ng/ml



#24 Chlordane-2

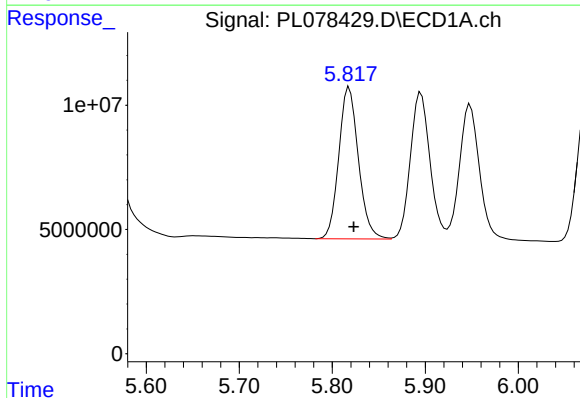
R.T.: 5.130 min  
Delta R.T.: 0.019 min  
Response: 102238489  
Conc: 1451.56 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



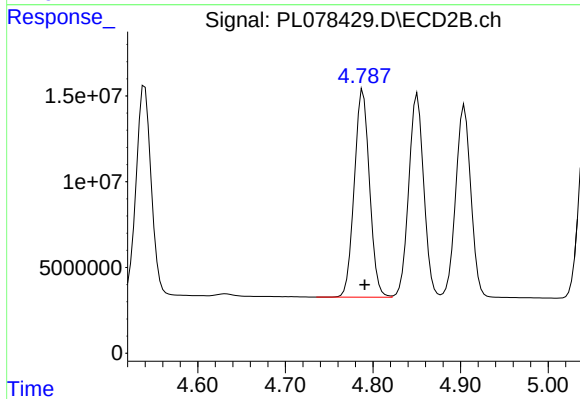
#24 Chlordane-2

R.T.: 4.151 min  
Delta R.T.: -0.014 min  
Response: -103748  
Conc: N.D.



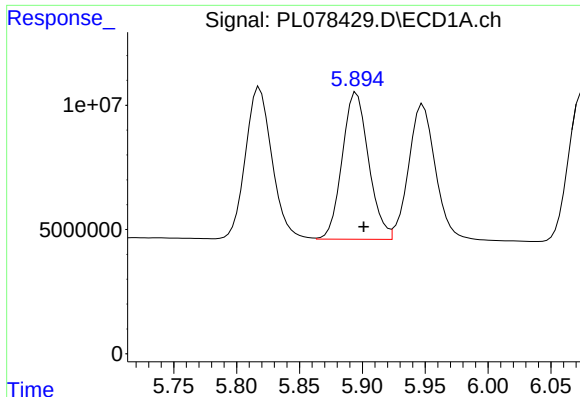
#25 Chlordane-3

R.T.: 5.818 min  
Delta R.T.: -0.005 min  
Response: 89659032  
Conc: 344.87 ng/ml



#25 Chlordane-3

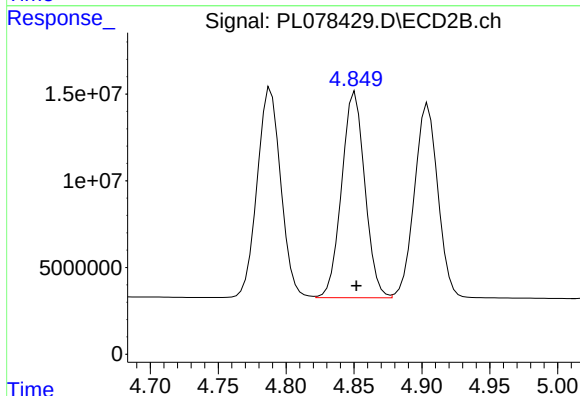
R.T.: 4.789 min  
Delta R.T.: -0.002 min  
Response: 146196607  
Conc: 477.83 ng/ml



#26 Chlordane-4

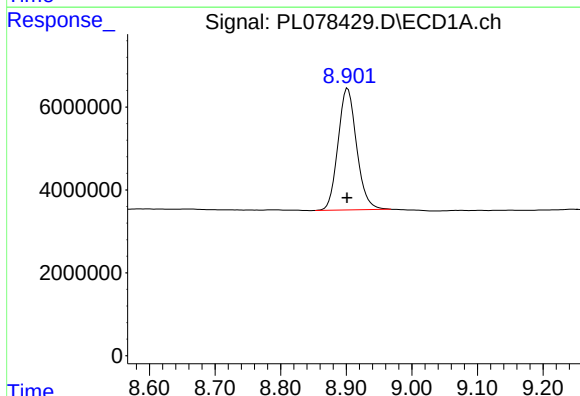
R.T.: 5.895 min  
Delta R.T.: -0.006 min  
Response: 86542569  
Conc: 270.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



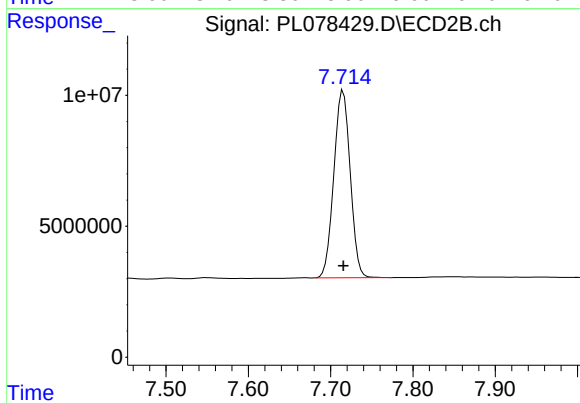
#26 Chlordane-4

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 141358527  
Conc: 437.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: 0.001 min  
Response: 57863746  
Conc: 37.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.715 min  
Delta R.T.: 0.000 min  
Response: 99000496  
Conc: 45.54 ng/ml