

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
 Data File : PL082829.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2023 19:16  
 Operator : AR\AJ  
 Sample : PB152893BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB152893BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 05:02:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.317  | 2.639 | 52641472 | 45415060 | 17.911   | 17.494     |
| 28)                         | SA Decachlor... | 8.731  | 7.743 | 41985616 | 49082418 | 20.019   | 19.739     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.766  | 3.135 | 187.5E6  | 156.0E6  | 42.246   | 41.795     |
| 3)                          | MA gamma-BHC... | 4.093  | 3.461 | 174.4E6  | 147.2E6  | 42.094   | 44.161     |
| 4)                          | MA Heptachlor   | 4.671  | 3.792 | 166.9E6  | 155.0E6  | 43.669   | 42.350     |
| 5)                          | MB Aldrin       | 5.007  | 4.069 | 153.3E6  | 138.9E6  | 43.574   | 42.679     |
| 6)                          | B beta-BHC      | 4.297  | 3.761 | 76487296 | 61162653 | 40.626   | 42.768     |
| 7)                          | B delta-BHC     | 4.538  | 3.987 | 164.4E6  | 141.9E6  | 47.817   | 43.315     |
| 8)                          | B Heptachlo...  | 5.434  | 4.569 | 139.9E6  | 129.5E6  | 43.724   | 43.639     |
| 9)                          | A Endosulfan I  | 5.815  | 4.936 | 129.4E6  | 120.0E6  | 43.124   | 42.936     |
| 10)                         | B gamma-Chl...  | 5.689  | 4.818 | 142.3E6  | 130.7E6  | 44.780   | 43.517     |
| 11)                         | B alpha-Chl...  | 5.766  | 4.880 | 138.2E6  | 130.6E6  | 43.052   | 43.507     |
| 12)                         | B 4,4'-DDE      | 5.945  | 5.071 | 121.3E6  | 109.2E6  | 44.008   | 44.963     |
| 13)                         | MA Dieldrin     | 6.089  | 5.200 | 133.2E6  | 124.6E6  | 44.290   | 44.122     |
| 14)                         | MA Endrin       | 6.316  | 5.474 | 117.4E6  | 112.6E6  | 43.684   | 44.394     |
| 15)                         | B Endosulfa...  | 6.538  | 5.770 | 110.7E6  | 105.2E6  | 41.095   | 42.509     |
| 16)                         | A 4,4'-DDD      | 6.460  | 5.625 | 96600113 | 86457886 | 44.453   | 44.954     |
| 17)                         | MA 4,4'-DDT     | 6.771  | 5.873 | 110.1E6  | 98634654 | 43.967   | 44.210     |
| 18)                         | B Endrin al...  | 6.668  | 5.950 | 87419385 | 85875142 | 43.478   | 43.427     |
| 19)                         | B Endosulfa...  | 6.902  | 6.173 | 109.2E6  | 107.0E6  | 42.593   | 43.708     |
| 20)                         | A Methoxychlor  | 7.252  | 6.452 | 58192260 | 56554307 | 44.006   | 44.470     |
| 21)                         | B Endrin ke...  | 7.382  | 6.677 | 111.7E6  | 119.0E6  | 43.792   | 44.008     |
| 22)                         | Mirex           | 7.845  | 6.848 | 86612633 | 97918774 | 41.322   | 41.849     |
| 24)                         | Chlordane-2     | 5.007f | 0.000 | 153.3E6  | 0        | 1391.622 | N.D. #     |
| 25)                         | Chlordane-3     | 5.689  | 4.818 | 142.3E6  | 130.7E6  | 342.888  | 490.421 #  |
| 26)                         | Chlordane-4     | 5.766  | 4.880 | 138.2E6  | 130.6E6  | 272.853  | 463.557 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.770 | 0        | 105.2E6  | N.D.     | 1082.650 # |
| -----                       |                 |        |       |          |          |          |            |

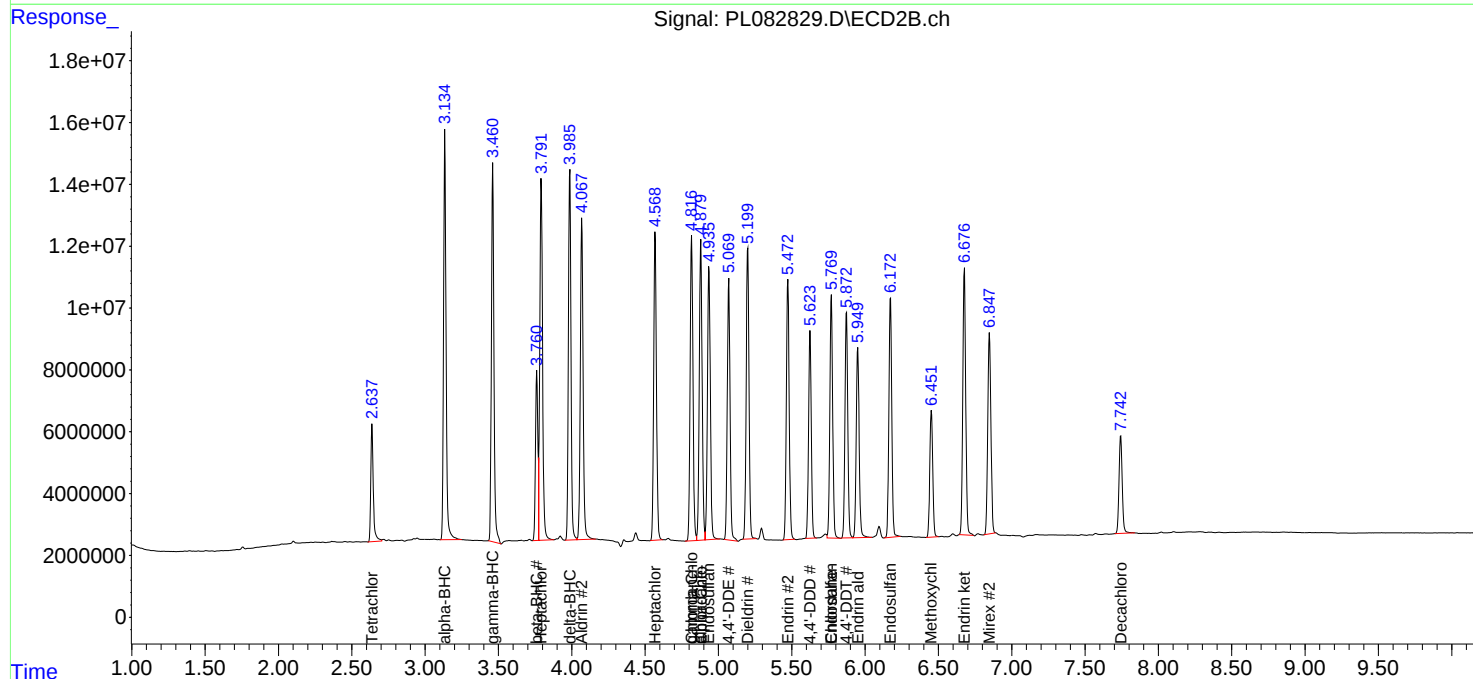
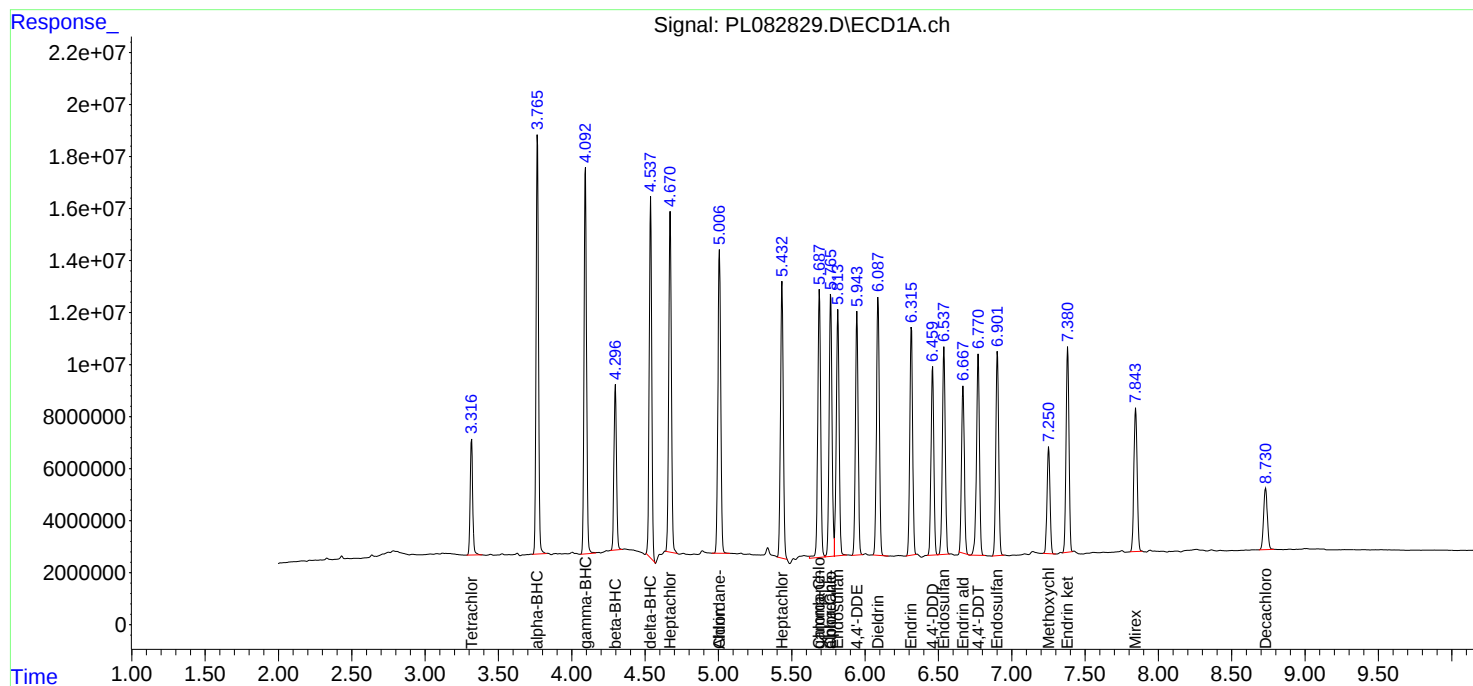
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

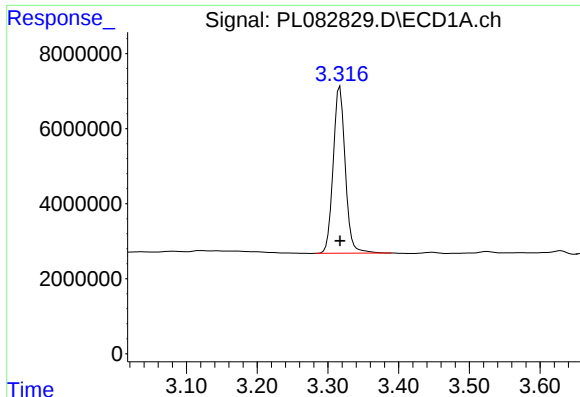
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
Data File : PL082829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2023 19:16  
Operator : AR\AJ  
Sample : PB152893BS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 05:02:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

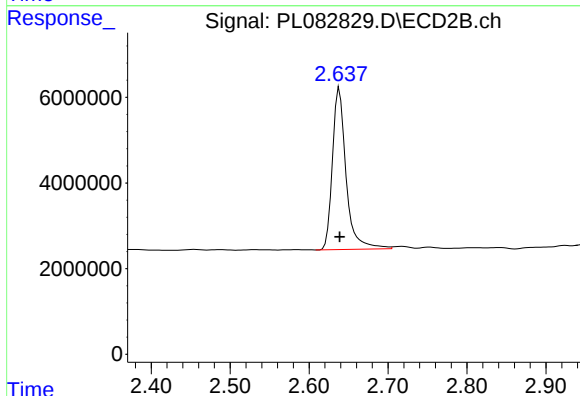




#1 Tetrachloro-m-xylene

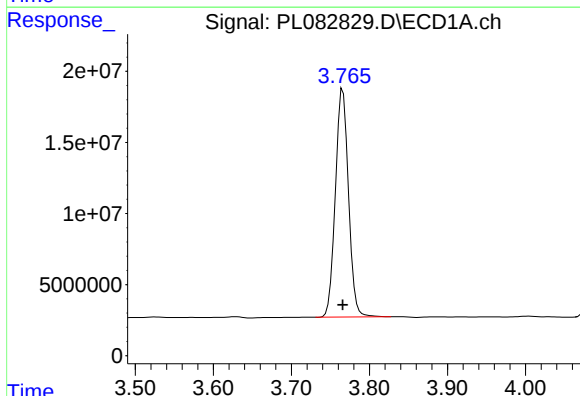
R.T.: 3.317 min  
Delta R.T.: 0.000 min  
Response: 52641472  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



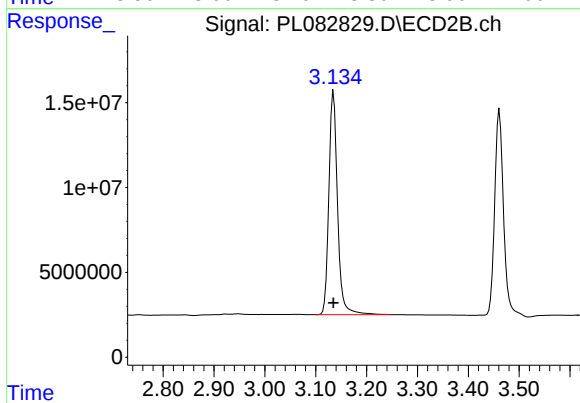
#1 Tetrachloro-m-xylene

R.T.: 2.639 min  
Delta R.T.: 0.000 min  
Response: 45415060  
Conc: 17.49 ng/ml



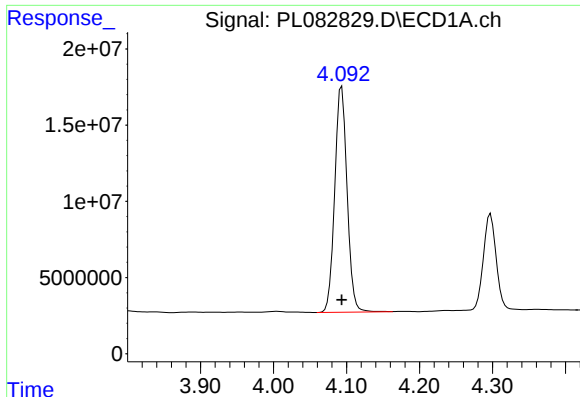
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: 187538920  
Conc: 42.25 ng/ml



#2 alpha-BHC

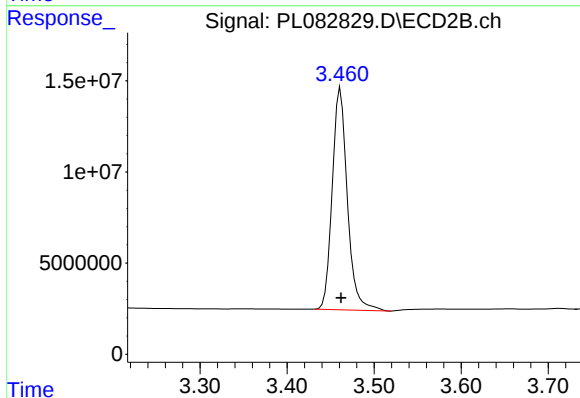
R.T.: 3.135 min  
Delta R.T.: 0.000 min  
Response: 155955610  
Conc: 41.79 ng/ml



#3 gamma-BHC (Lindane)

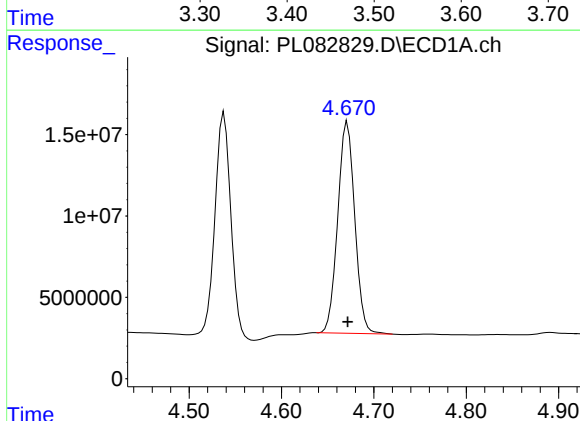
R.T.: 4.093 min  
Delta R.T.: 0.000 min  
Response: 174391540  
Conc: 42.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



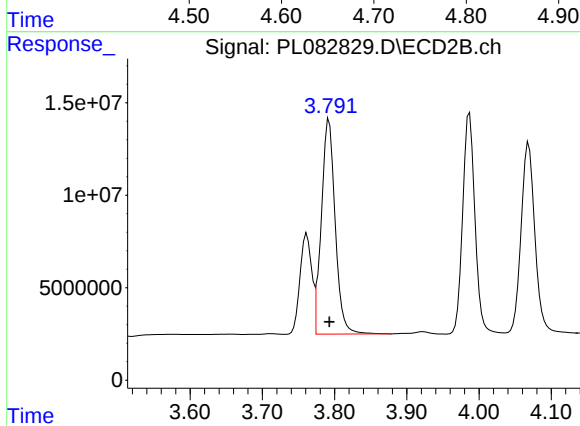
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 147202446  
Conc: 44.16 ng/ml



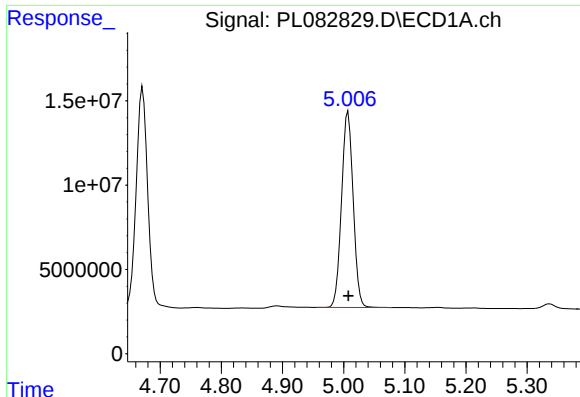
#4 Heptachlor

R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 166923258  
Conc: 43.67 ng/ml



#4 Heptachlor

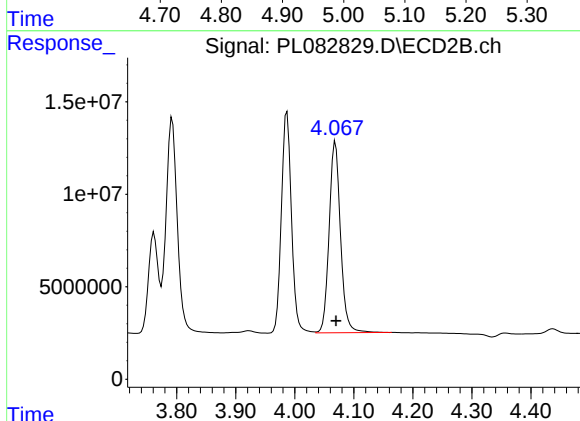
R.T.: 3.792 min  
Delta R.T.: 0.000 min  
Response: 155047303  
Conc: 42.35 ng/ml



#5 Aldrin

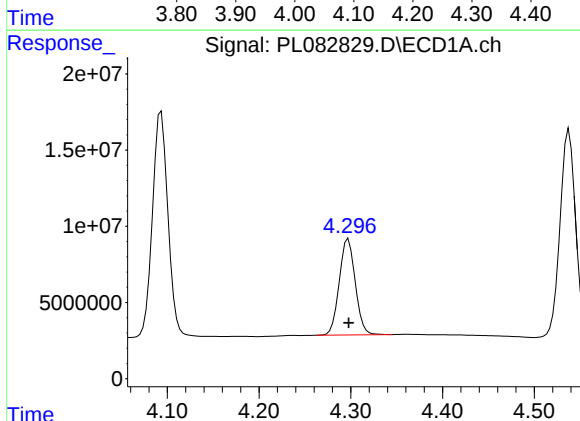
R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 153298448  
Conc: 43.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



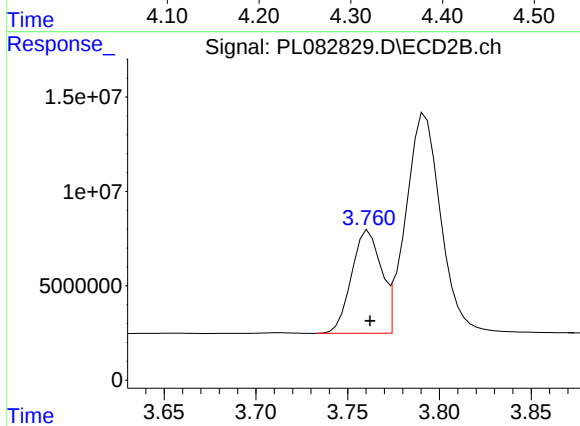
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 138860108  
Conc: 42.68 ng/ml



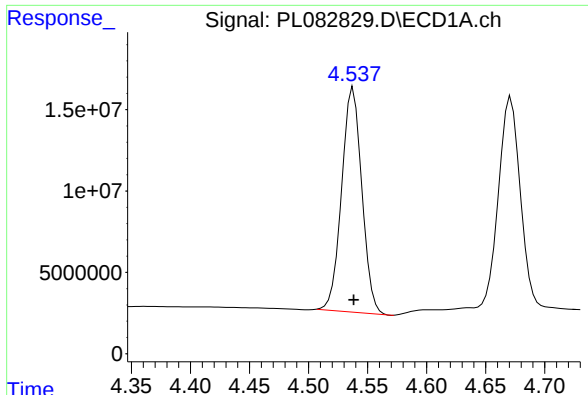
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: 0.000 min  
Response: 76487296  
Conc: 40.63 ng/ml



#6 beta-BHC

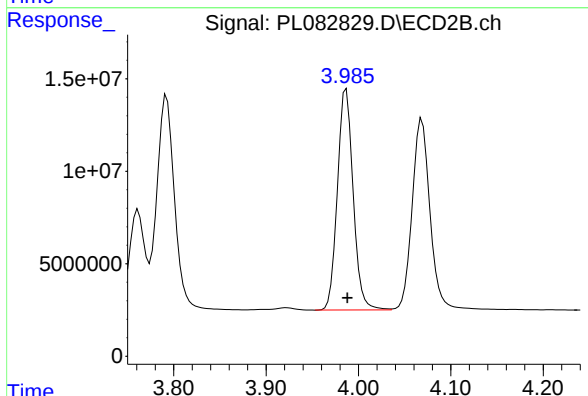
R.T.: 3.761 min  
Delta R.T.: 0.000 min  
Response: 61162653  
Conc: 42.77 ng/ml



#7 delta-BHC

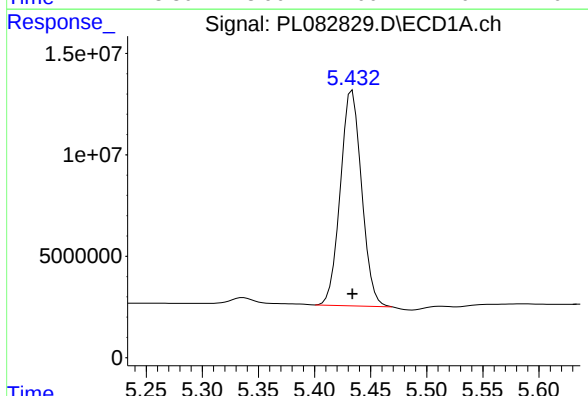
R.T.: 4.538 min  
Delta R.T.: 0.000 min  
Response: 164437802  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



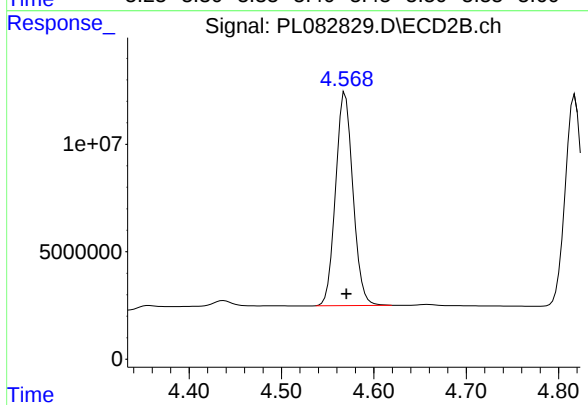
#7 delta-BHC

R.T.: 3.987 min  
Delta R.T.: -0.001 min  
Response: 141919121  
Conc: 43.31 ng/ml



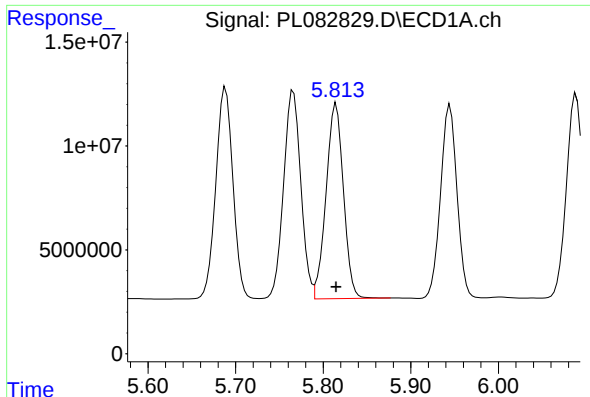
#8 Heptachlor epoxide

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 139861897  
Conc: 43.72 ng/ml



#8 Heptachlor epoxide

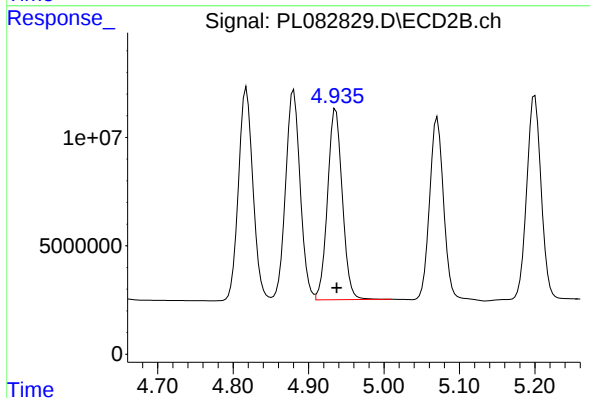
R.T.: 4.569 min  
Delta R.T.: -0.001 min  
Response: 129514940  
Conc: 43.64 ng/ml



#9 Endosulfan I

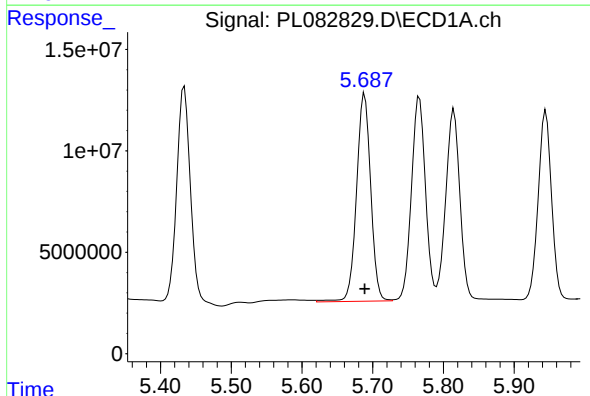
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 129398488  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



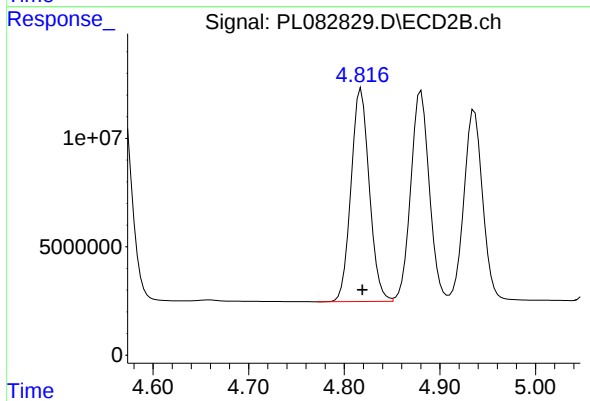
#9 Endosulfan I

R.T.: 4.936 min  
Delta R.T.: -0.001 min  
Response: 119977910  
Conc: 42.94 ng/ml



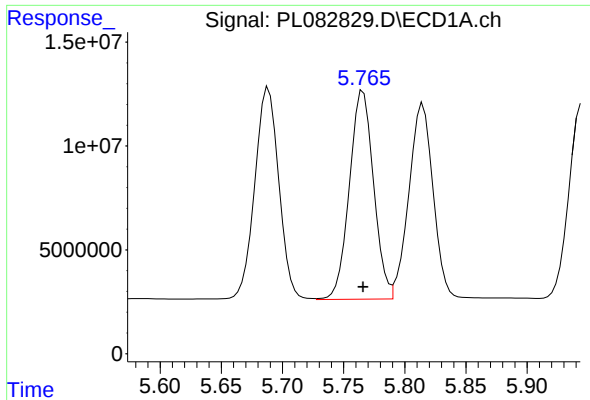
#10 gamma-Chlordane

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 142265123  
Conc: 44.78 ng/ml



#10 gamma-Chlordane

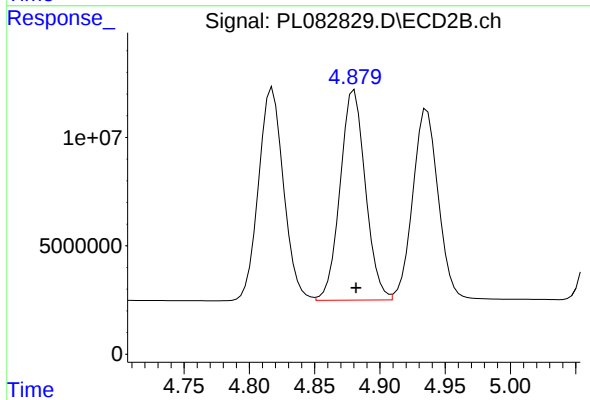
R.T.: 4.818 min  
Delta R.T.: -0.001 min  
Response: 130699513  
Conc: 43.52 ng/ml



#11 alpha-Chlordane

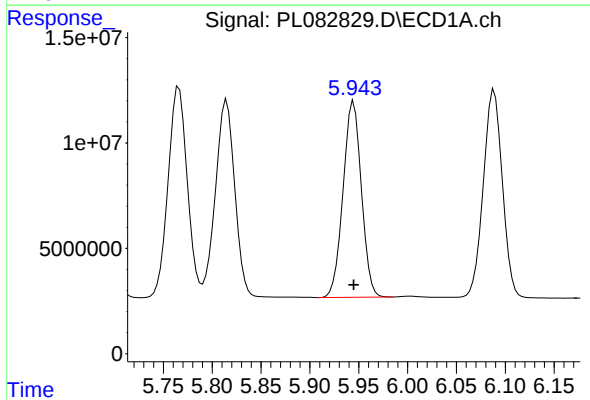
R.T.: 5.766 min  
Delta R.T.: 0.000 min  
Response: 138166270  
Conc: 43.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



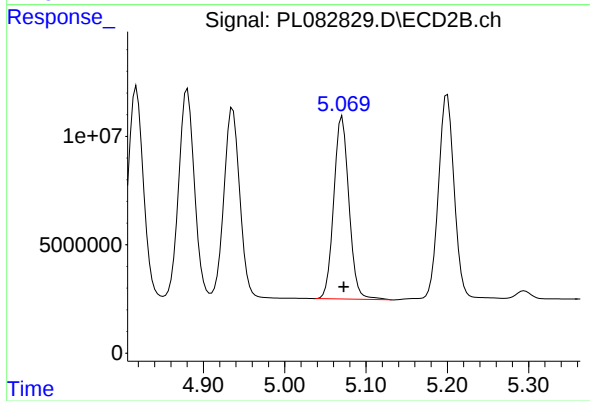
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: -0.001 min  
Response: 130607906  
Conc: 43.51 ng/ml



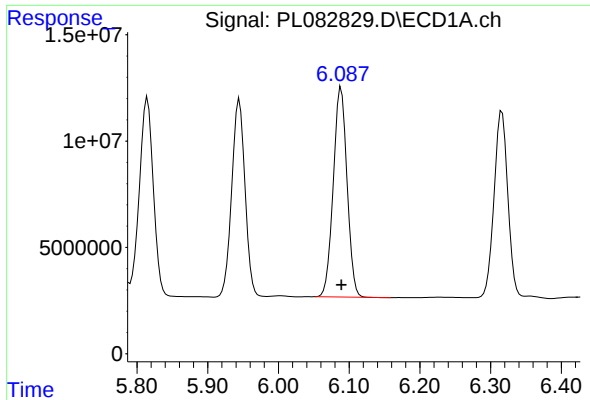
#12 4,4'-DDE

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 121309006  
Conc: 44.01 ng/ml



#12 4,4'-DDE

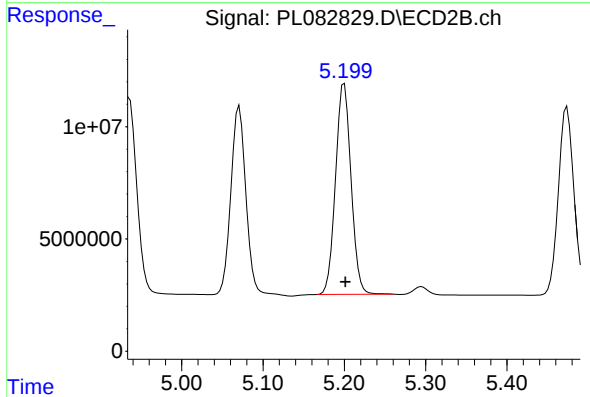
R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 109203915  
Conc: 44.96 ng/ml



#13 Dieldrin

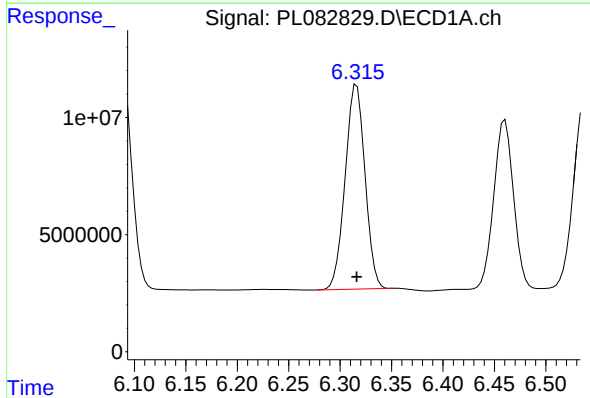
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 133217307  
Conc: 44.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



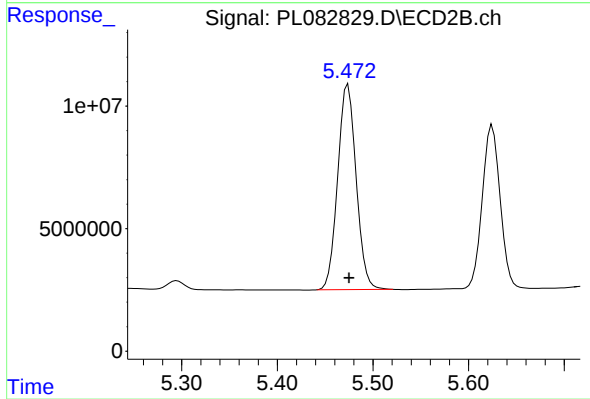
#13 Dieldrin

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 124551581  
Conc: 44.12 ng/ml



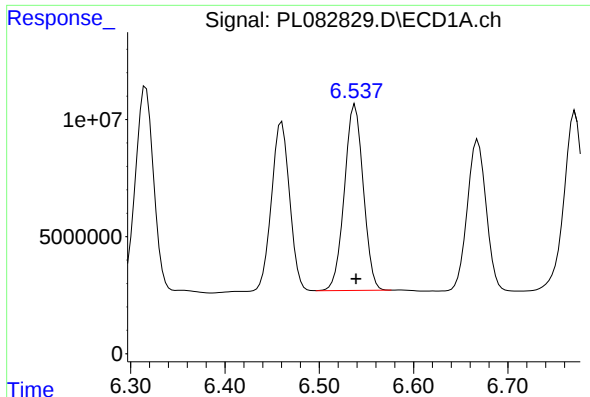
#14 Endrin

R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 117389524  
Conc: 43.68 ng/ml



#14 Endrin

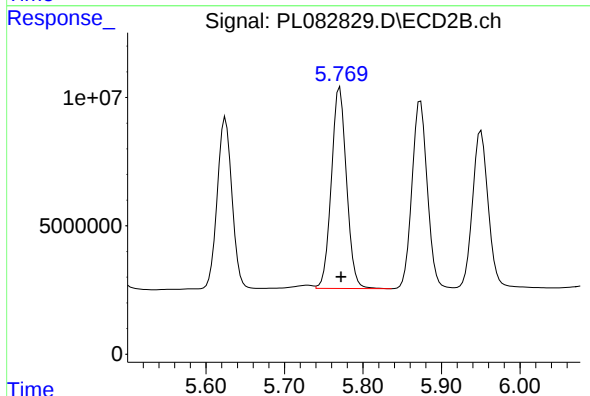
R.T.: 5.474 min  
Delta R.T.: -0.001 min  
Response: 112626284  
Conc: 44.39 ng/ml



#15 Endosulfan II

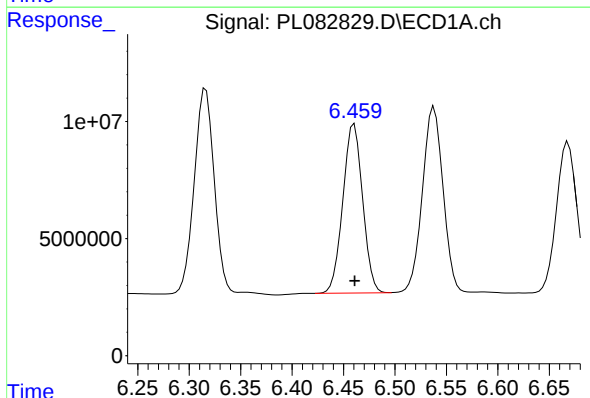
R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 110679051  
Conc: 41.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



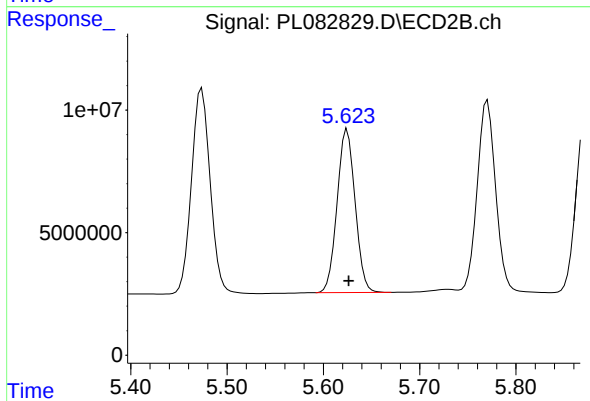
#15 Endosulfan II

R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 105175378  
Conc: 42.51 ng/ml



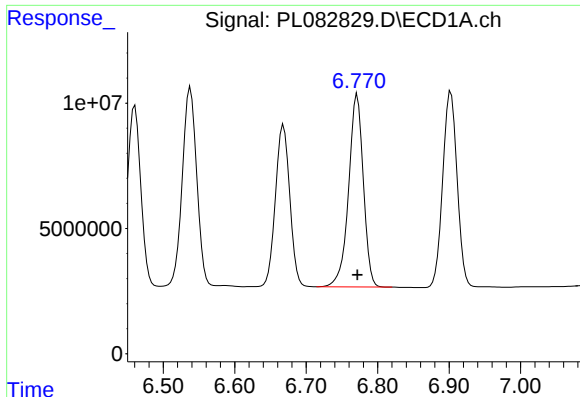
#16 4,4'-DDD

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 96600113  
Conc: 44.45 ng/ml



#16 4,4'-DDD

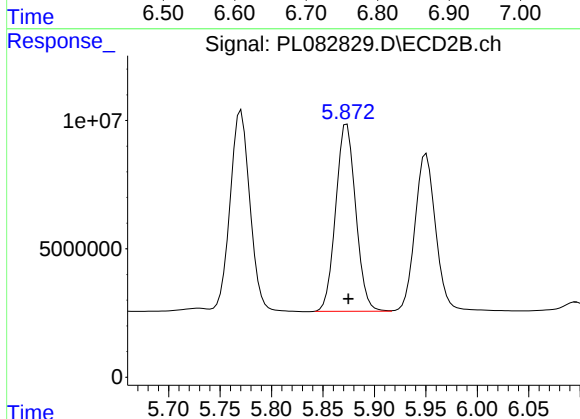
R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 86457886  
Conc: 44.95 ng/ml



#17 4,4'-DDT

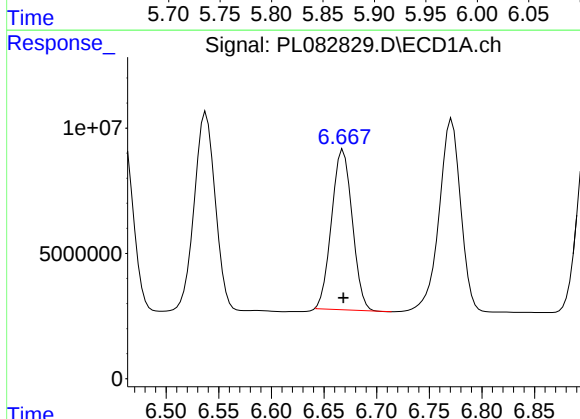
R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 110056086  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



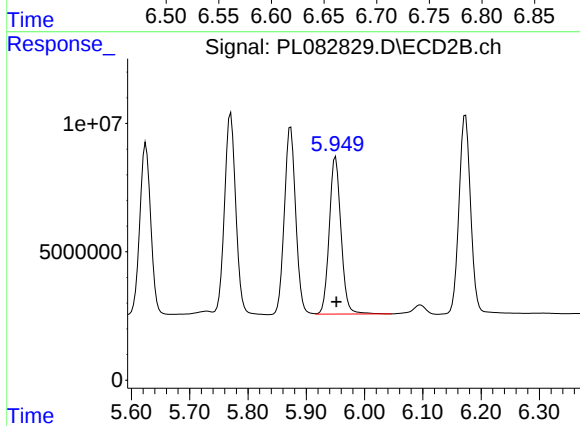
#17 4,4'-DDT

R.T.: 5.873 min  
Delta R.T.: -0.001 min  
Response: 98634654  
Conc: 44.21 ng/ml



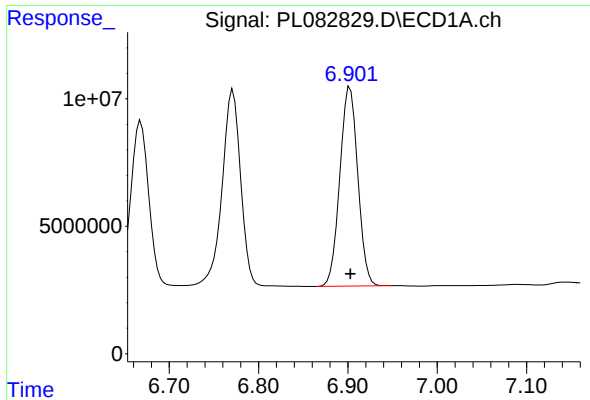
#18 Endrin aldehyde

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 87419385  
Conc: 43.48 ng/ml



#18 Endrin aldehyde

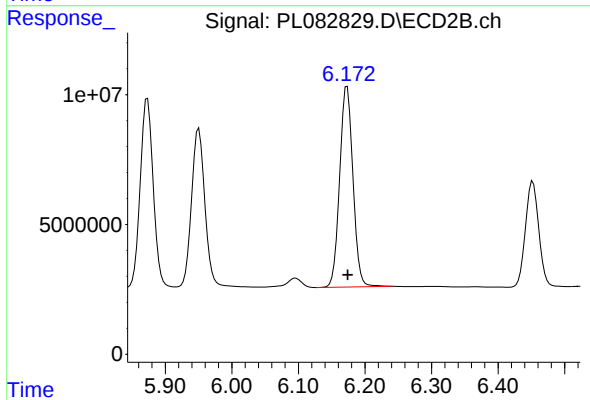
R.T.: 5.950 min  
Delta R.T.: -0.001 min  
Response: 85875142  
Conc: 43.43 ng/ml



#19 Endosulfan Sulfate

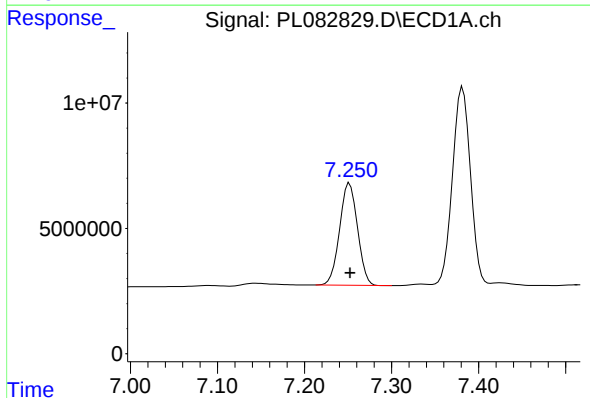
R.T.: 6.902 min  
Delta R.T.: 0.000 min  
Response: 109195617  
Conc: 42.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



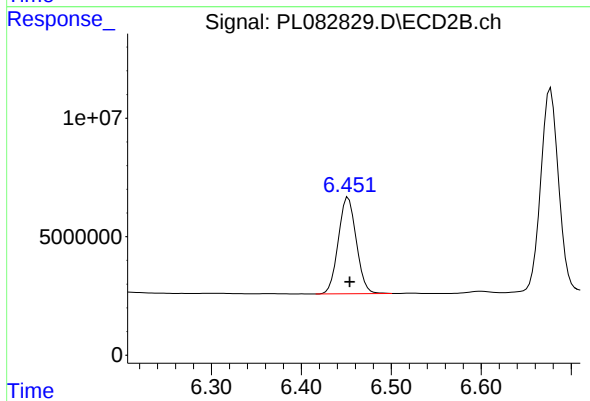
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 107039281  
Conc: 43.71 ng/ml



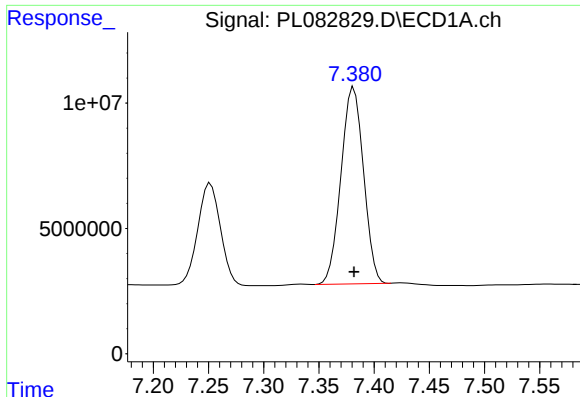
#20 Methoxychlor

R.T.: 7.252 min  
Delta R.T.: 0.000 min  
Response: 58192260  
Conc: 44.01 ng/ml



#20 Methoxychlor

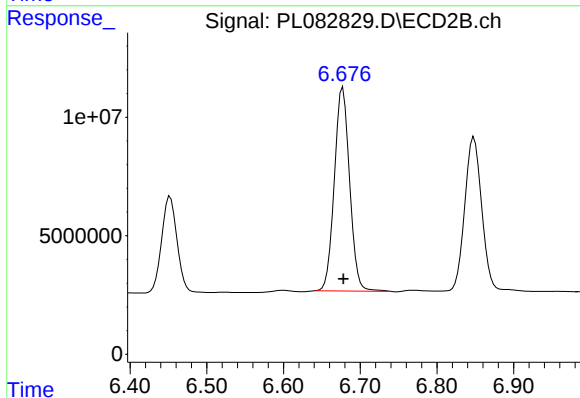
R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 56554307  
Conc: 44.47 ng/ml



#21 Endrin ketone

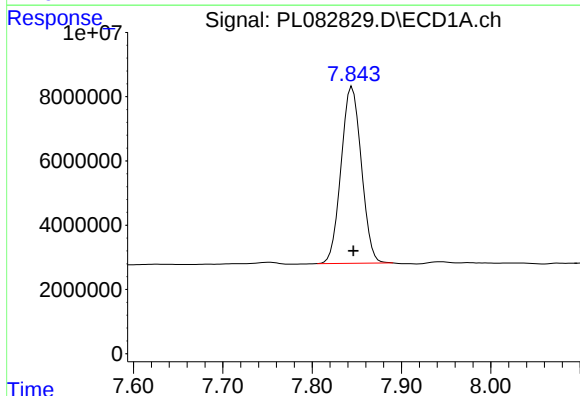
R.T.: 7.382 min  
Delta R.T.: 0.000 min  
Response: 111705718  
Conc: 43.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



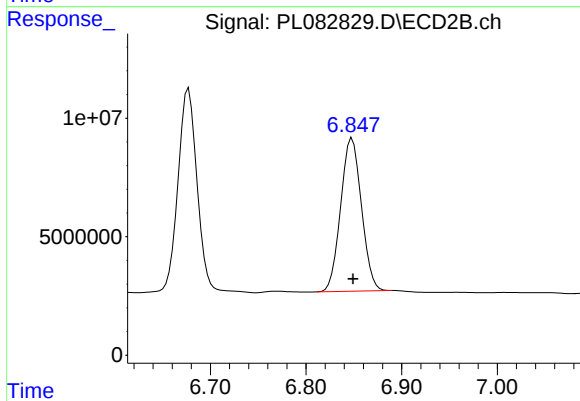
#21 Endrin ketone

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 118991840  
Conc: 44.01 ng/ml



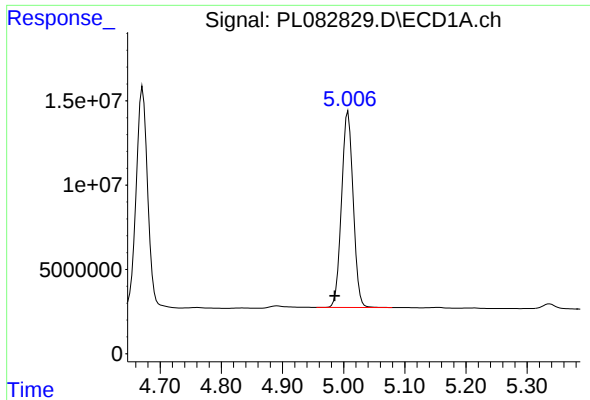
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.001 min  
Response: 86612633  
Conc: 41.32 ng/ml



#22 Mirex

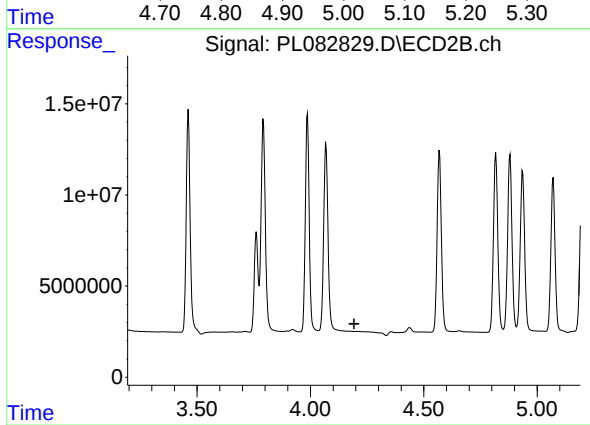
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 97918774  
Conc: 41.85 ng/ml



#24 Chlordane-2

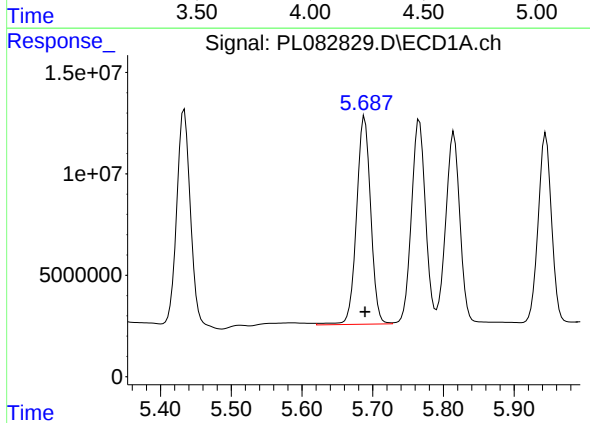
R.T.: 5.007 min  
Delta R.T.: 0.022 min  
Response: 153298448  
Conc: 1391.62 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



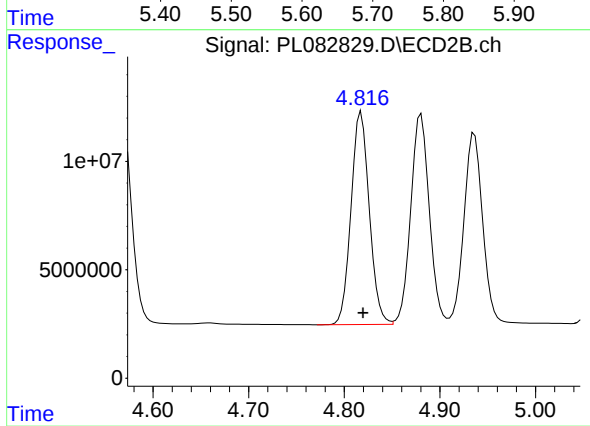
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.193 min  
Response: 0  
Conc: N.D.



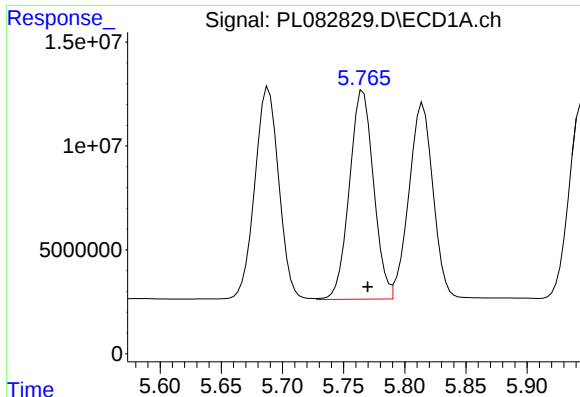
#25 Chlordane-3

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 142265123  
Conc: 342.89 ng/ml



#25 Chlordane-3

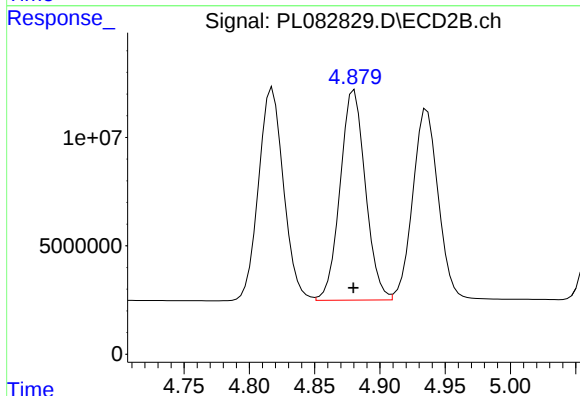
R.T.: 4.818 min  
Delta R.T.: -0.002 min  
Response: 130699513  
Conc: 490.42 ng/ml



#26 Chlordane-4

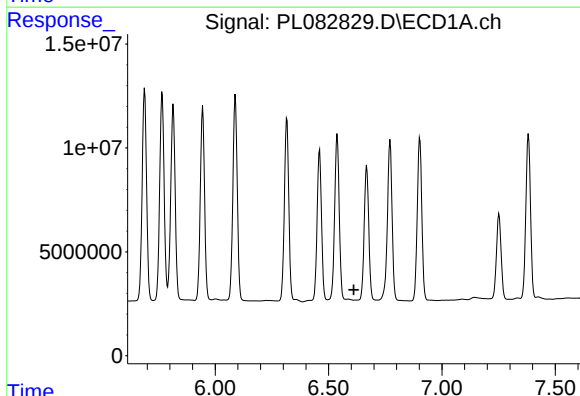
R.T.: 5.766 min  
Delta R.T.: -0.004 min  
Response: 138166270  
Conc: 272.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



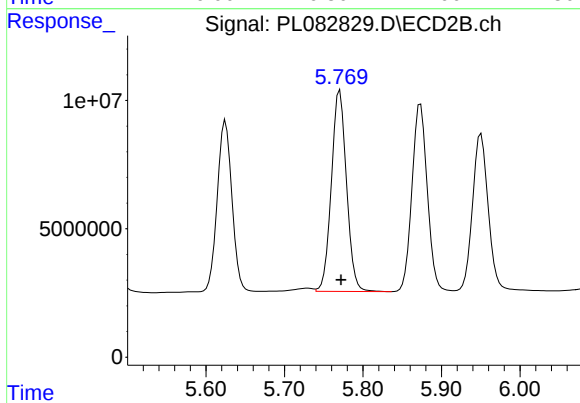
#26 Chlordane-4

R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 130607906  
Conc: 463.56 ng/ml



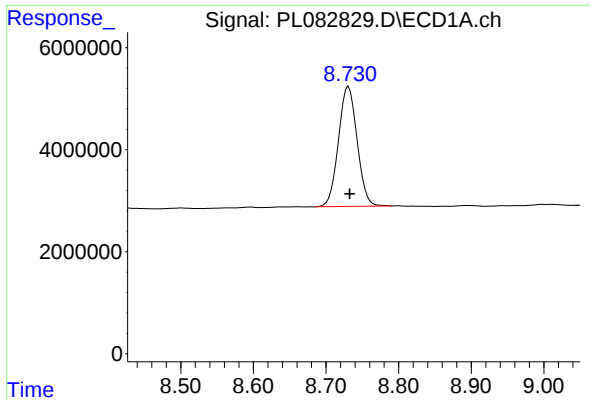
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

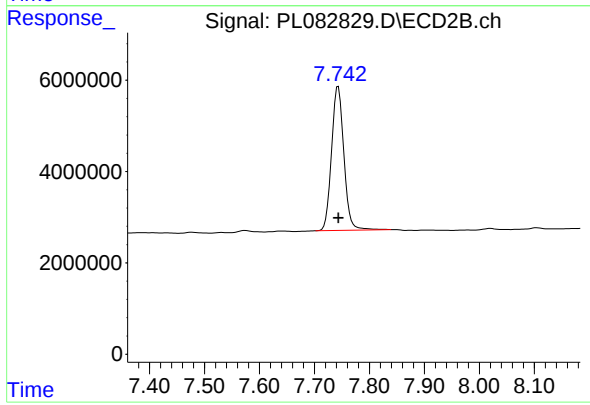
R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 105175378  
Conc: 1082.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.002 min  
Response: 41985616  
Conc: 20.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB152893BS



#28 Decachlorobiphenyl

R.T.: 7.743 min  
Delta R.T.: 0.000 min  
Response: 49082418  
Conc: 19.74 ng/ml