

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101722\  
 Data File : PL078391.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2022 11:23  
 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 17 23:49:07 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... | 3.416  | 2.620 | 87010681 | 135.1E6  | 52.650   | 51.097    |
| 28)                         | SA Decachlor... | 8.906  | 7.716 | 76336090 | 105.8E6  | 49.447   | 48.653    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 3.112 | 129.9E6  | 184.0E6  | 51.658   | 44.218    |
| 3)                          | MA gamma-BHC... | 4.217  | 3.436 | 120.1E6  | 162.9E6  | 51.521   | 46.749    |
| 4)                          | MA Heptachlor   | 4.792  | 3.767 | 109.8E6  | 181.2E6  | 49.416   | 50.744    |
| 5)                          | MB Aldrin       | 5.133  | 4.041 | 105.0E6  | 169.0E6  | 50.152   | 49.690    |
| 6)                          | B beta-BHC      | 4.430  | 3.736 | 45237911 | 71936096 | 45.483   | 48.795    |
| 7)                          | B delta-BHC     | 4.674  | 3.959 | 92685884 | 185.6E6  | 50.432   | 50.206    |
| 8)                          | B Heptachlo...  | 5.566  | 4.540 | 80840442 | 145.8E6  | 53.097   | 49.489    |
| 9)                          | A Endosulfan I  | 5.952  | 4.905 | 84107944 | 139.2E6  | 50.102   | 50.479    |
| 10)                         | B gamma-Chl...  | 5.821  | 4.788 | 89567127 | 148.7E6  | 50.268   | 49.679    |
| 11)                         | B alpha-Chl...  | 5.898  | 4.851 | 91007951 | 144.2E6  | 50.821   | 50.062    |
| 12)                         | B 4,4'-DDE      | 6.078  | 5.045 | 89538642 | 143.7E6  | 53.127   | 50.251    |
| 13)                         | MA Dieldrin     | 6.230  | 5.168 | 84448363 | 147.0E6  | 49.084   | 50.171    |
| 14)                         | MA Endrin       | 6.461  | 5.441 | 62017644 | 109.0E6  | 41.561   | 47.338    |
| 15)                         | B Endosulfa...  | 6.690  | 5.737 | 66151429 | 121.1E6  | 49.346   | 49.486    |
| 16)                         | A 4,4'-DDD      | 6.602  | 5.599 | 58354785 | 112.4E6  | 47.392   | 50.465    |
| 17)                         | MA 4,4'-DDT     | 6.913  | 5.847 | 74037215 | 121.4E6  | 50.573   | 53.468    |
| 18)                         | B Endrin al...  | 6.820  | 5.916 | 56396880 | 93677878 | 49.281   | 50.627    |
| 19)                         | B Endosulfa...  | 7.054  | 6.139 | 70344318 | 122.4E6  | 49.318   | 50.839    |
| 20)                         | A Methoxychlor  | 7.395  | 6.425 | 36221198 | 62826682 | 47.803   | 49.743    |
| 21)                         | B Endrin ke...  | 7.542  | 6.639 | 75798980 | 134.4E6  | 48.586   | 50.710    |
| 22)                         | Mirex           | 8.002  | 6.814 | 57378665 | 93159728 | 48.579   | 48.424    |
| 24)                         | Chlordane-2     | 5.133f | 0.000 | 105.0E6  | 0        | 1491.297 | N.D. #    |
| 25)                         | Chlordane-3     | 5.821  | 4.788 | 89567127 | 148.7E6  | 344.516  | 486.053 # |
| 26)                         | Chlordane-4     | 5.898  | 4.851 | 91007951 | 144.2E6  | 284.958  | 446.434 # |
| -----                       |                 |        |       |          |          |          |           |

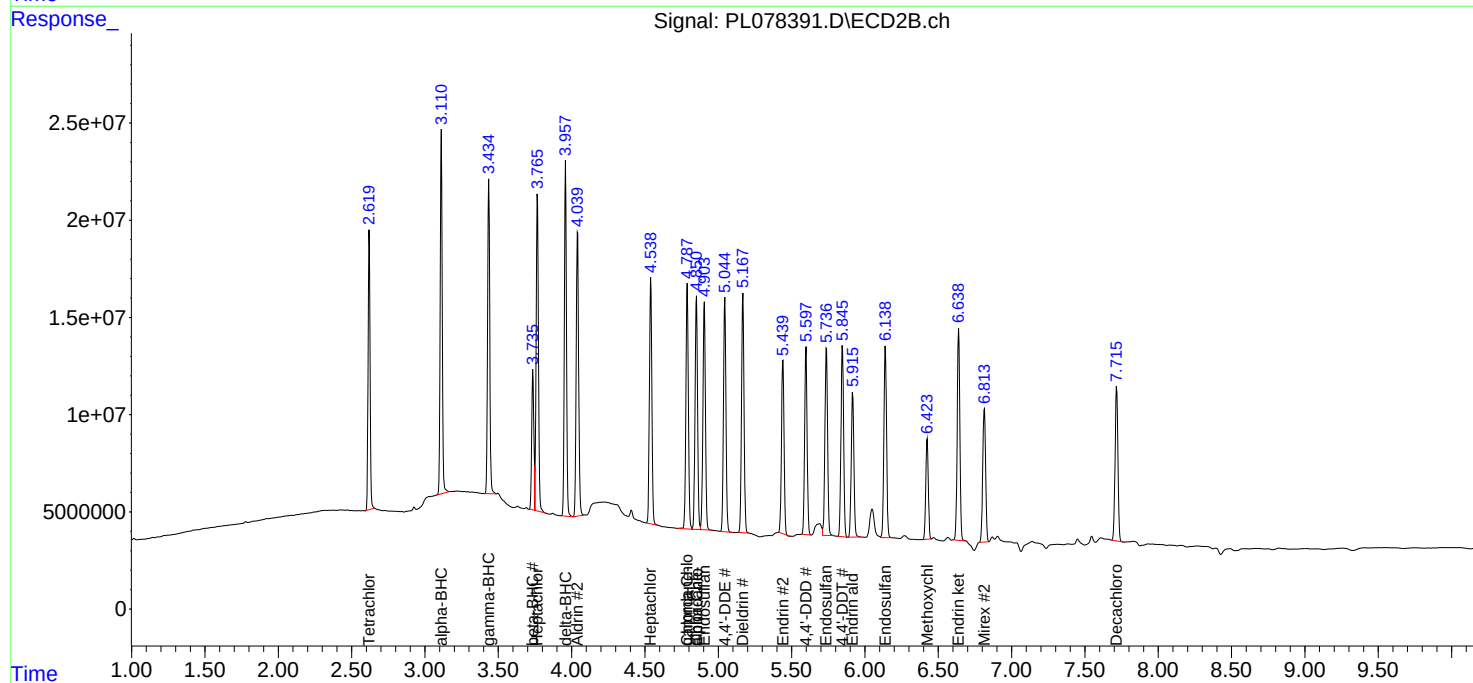
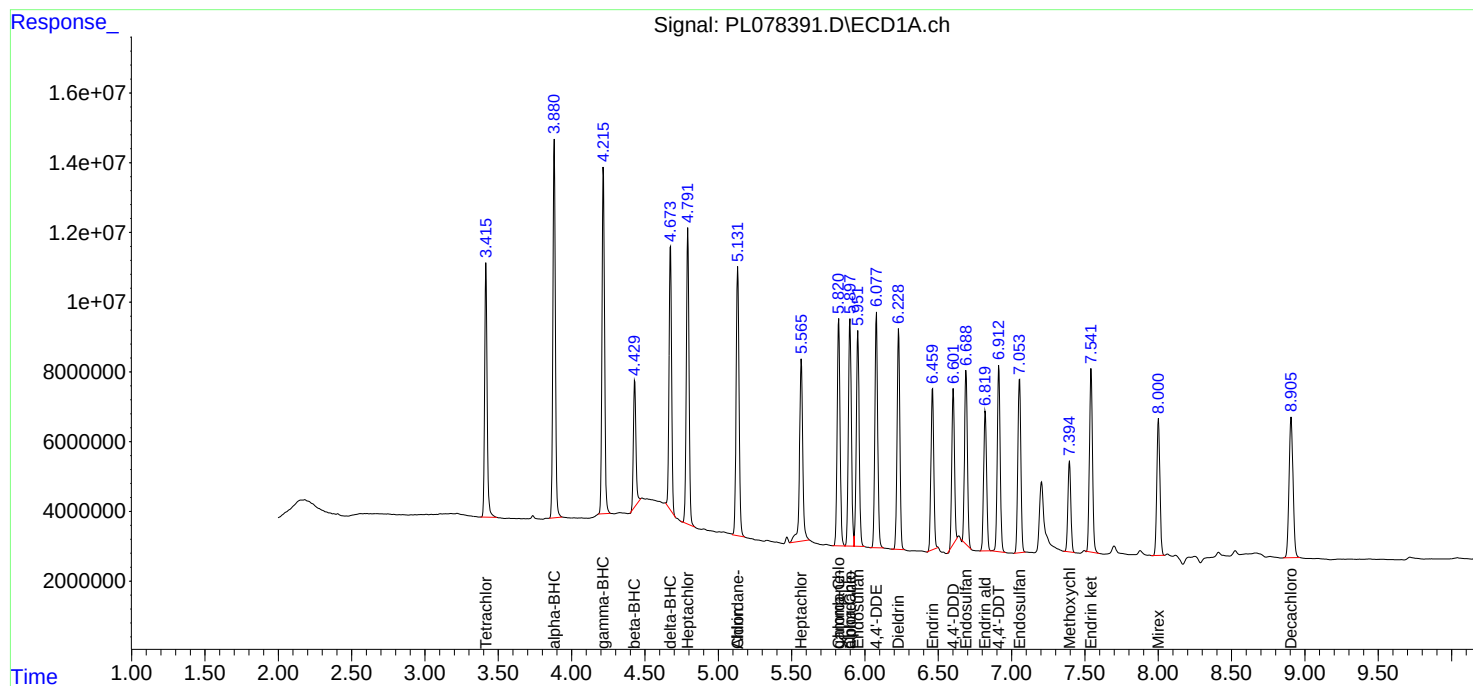
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

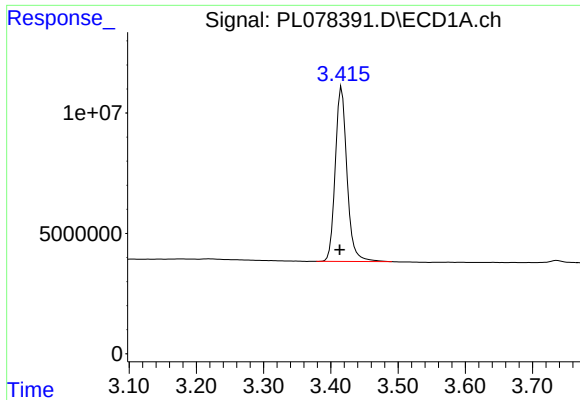
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101722\  
Data File : PL078391.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2022 11:23  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 23:49:07 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 12 15:30:54 2022  
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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

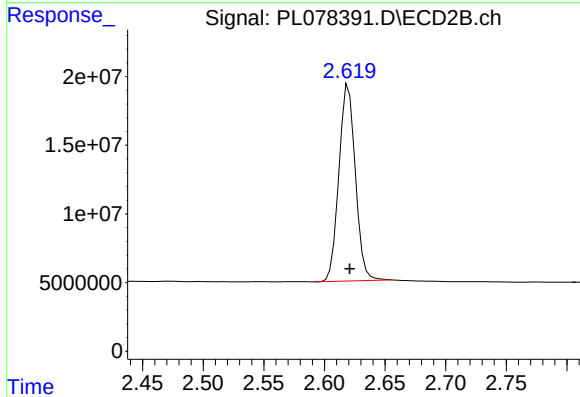




#1 Tetrachloro-m-xylene

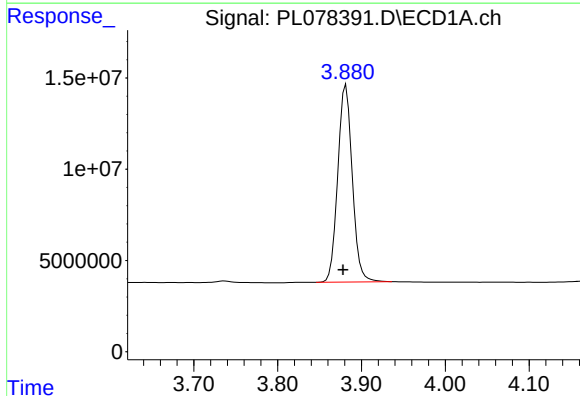
R.T.: 3.416 min  
Delta R.T.: 0.003 min  
Response: 87010681  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



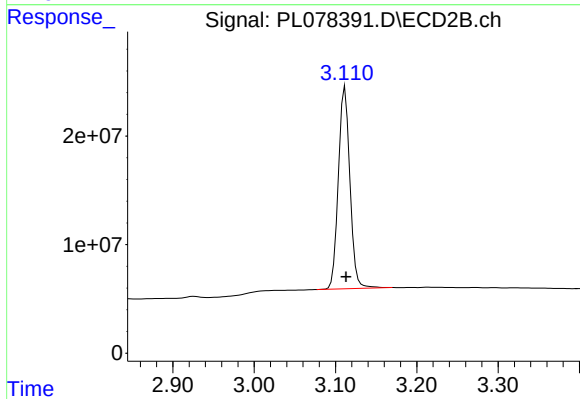
#1 Tetrachloro-m-xylene

R.T.: 2.620 min  
Delta R.T.: 0.000 min  
Response: 135064729  
Conc: 51.10 ng/ml



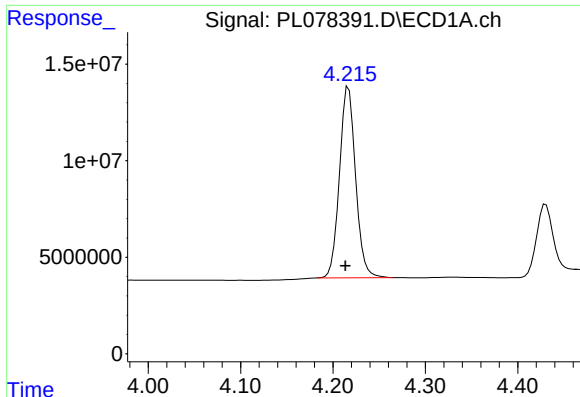
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: 0.004 min  
Response: 129907142  
Conc: 51.66 ng/ml



#2 alpha-BHC

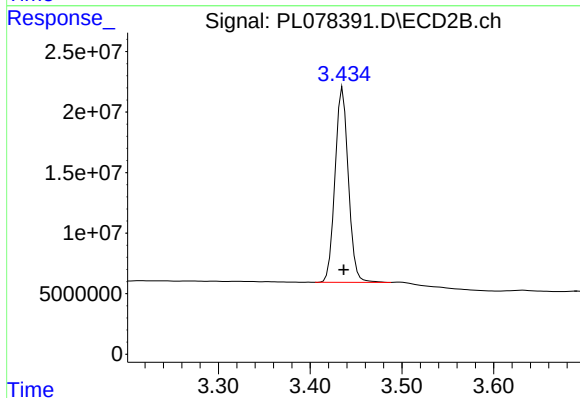
R.T.: 3.112 min  
Delta R.T.: 0.000 min  
Response: 184044081  
Conc: 44.22 ng/ml



#3 gamma-BHC (Lindane)

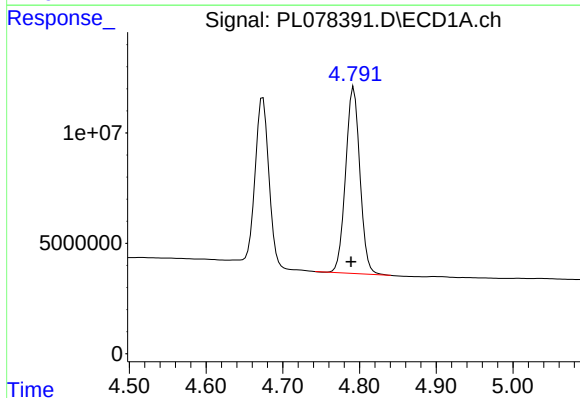
R.T.: 4.217 min  
Delta R.T.: 0.003 min  
Response: 120147466  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



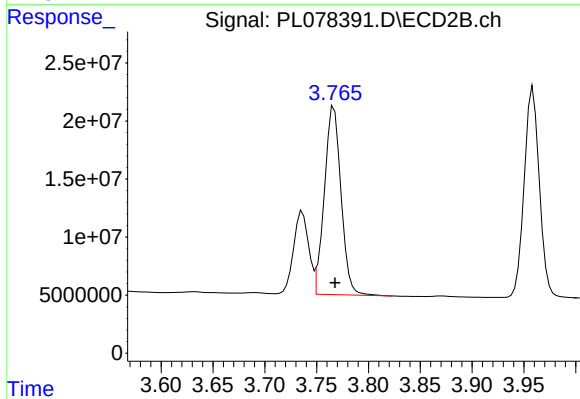
#3 gamma-BHC (Lindane)

R.T.: 3.436 min  
Delta R.T.: -0.001 min  
Response: 162899040  
Conc: 46.75 ng/ml



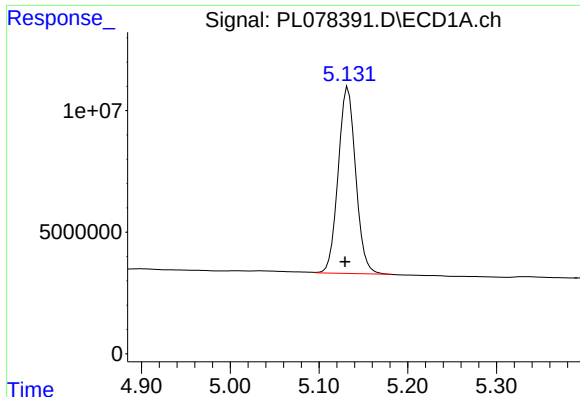
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.004 min  
Response: 109842195  
Conc: 49.42 ng/ml



#4 Heptachlor

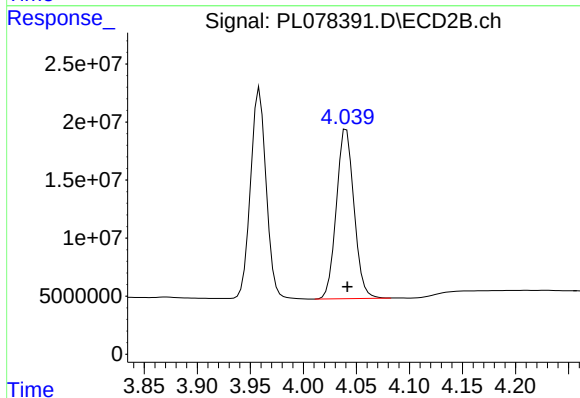
R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 181228752  
Conc: 50.74 ng/ml



#5 Aldrin

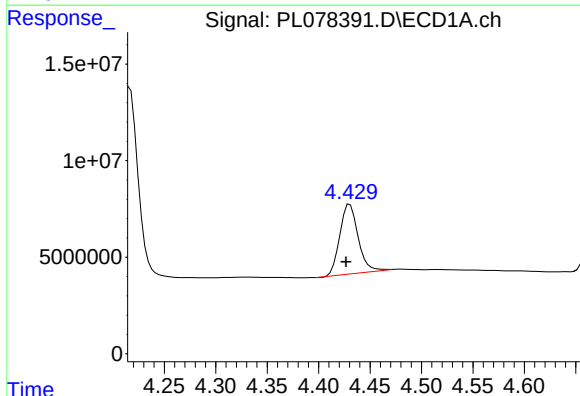
R.T.: 5.133 min  
Delta R.T.: 0.003 min  
Response: 105037294  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



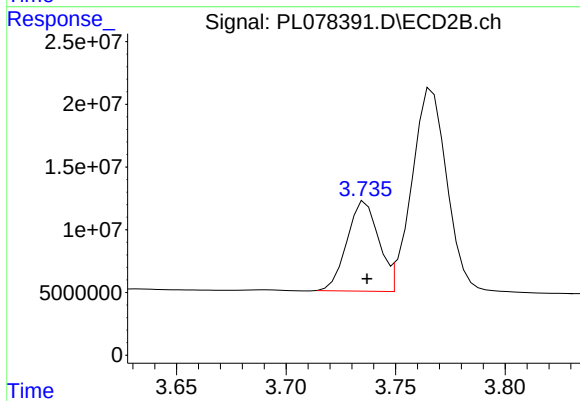
#5 Aldrin

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 169042286  
Conc: 49.69 ng/ml



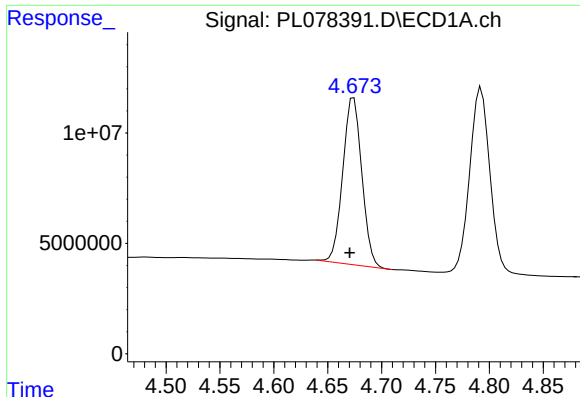
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.004 min  
Response: 45237911  
Conc: 45.48 ng/ml



#6 beta-BHC

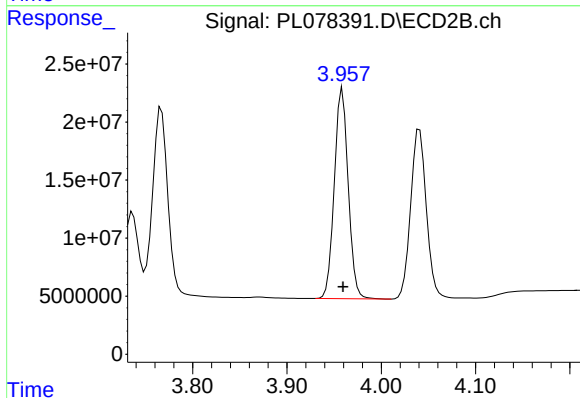
R.T.: 3.736 min  
Delta R.T.: 0.000 min  
Response: 71936096  
Conc: 48.79 ng/ml



#7 delta-BHC

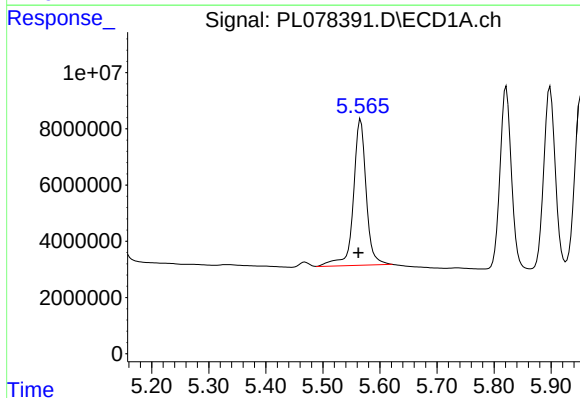
R.T.: 4.674 min  
Delta R.T.: 0.004 min  
Response: 92685884  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



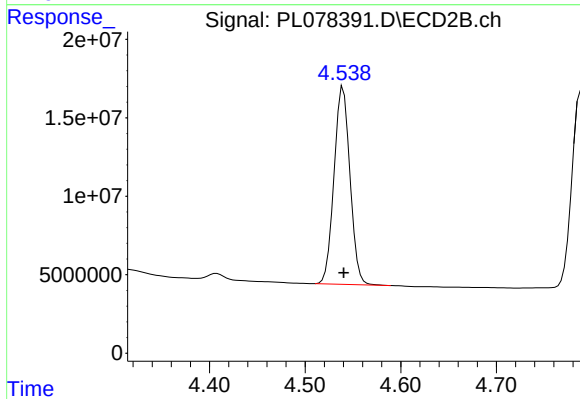
#7 delta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 185588107  
Conc: 50.21 ng/ml



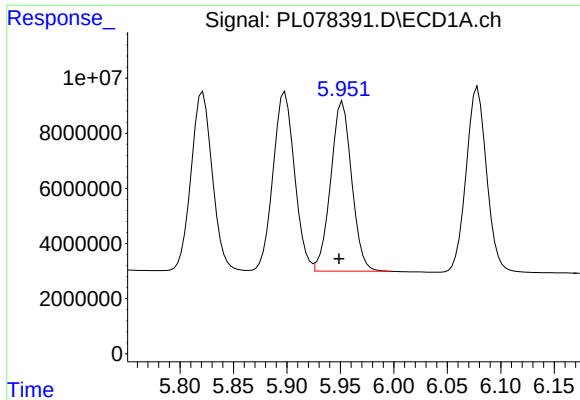
#8 Heptachlor epoxide

R.T.: 5.566 min  
Delta R.T.: 0.004 min  
Response: 80840442  
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

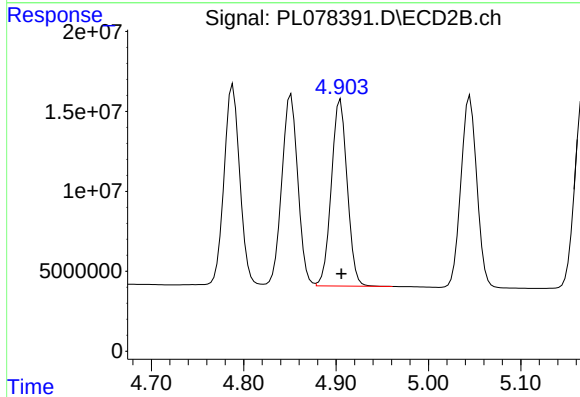
R.T.: 4.540 min  
Delta R.T.: 0.000 min  
Response: 145825449  
Conc: 49.49 ng/ml



#9 Endosulfan I

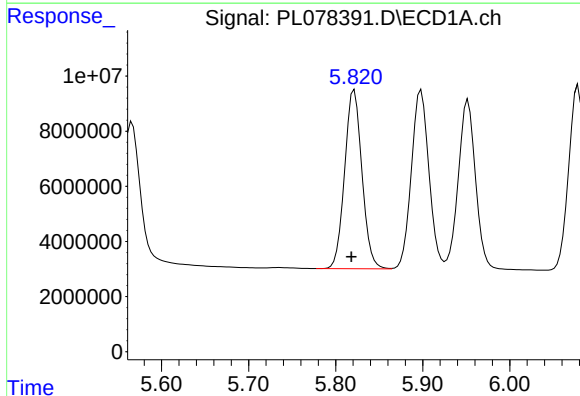
R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 84107944  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



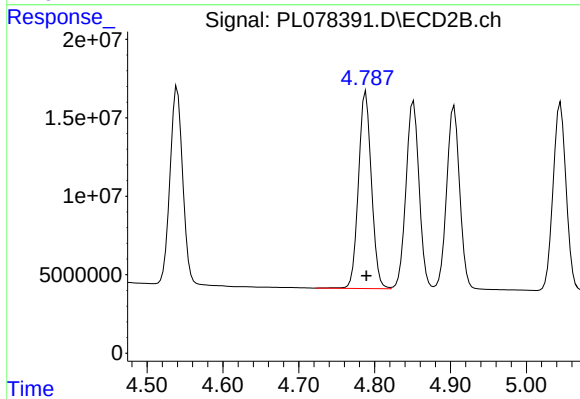
#9 Endosulfan I

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 139227374  
Conc: 50.48 ng/ml



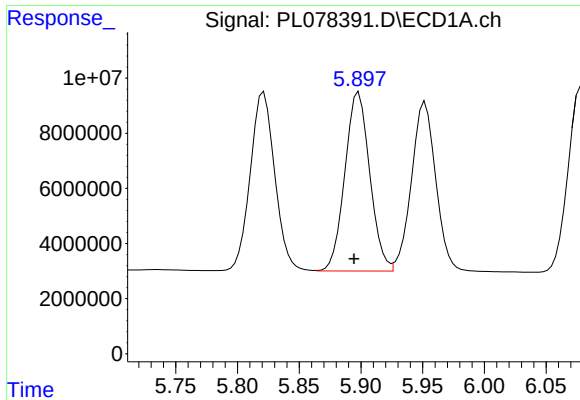
#10 gamma-Chlordane

R.T.: 5.821 min  
Delta R.T.: 0.003 min  
Response: 89567127  
Conc: 50.27 ng/ml



#10 gamma-Chlordane

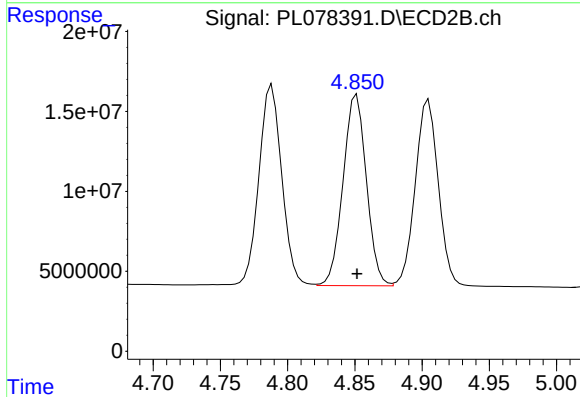
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 148711983  
Conc: 49.68 ng/ml



#11 alpha-Chlordane

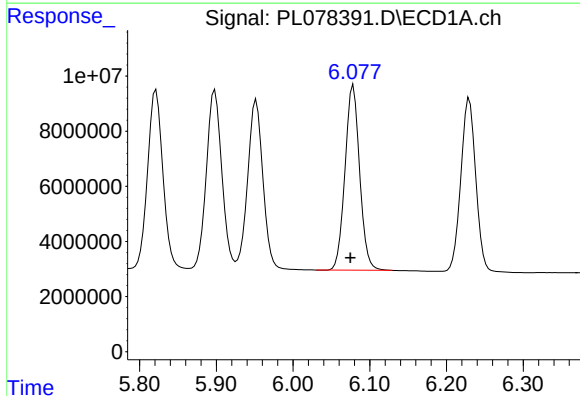
R.T.: 5.898 min  
Delta R.T.: 0.004 min  
Response: 91007951  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



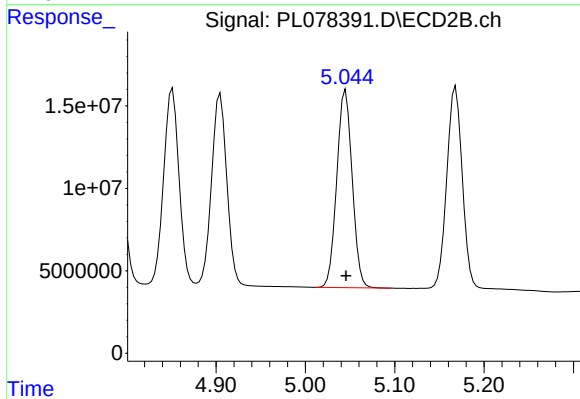
#11 alpha-Chlordane

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 144160606  
Conc: 50.06 ng/ml



#12 4,4'-DDE

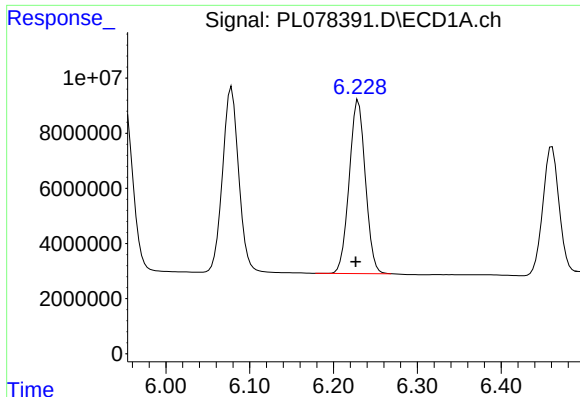
R.T.: 6.078 min  
Delta R.T.: 0.004 min  
Response: 89538642  
Conc: 53.13 ng/ml



#12 4,4'-DDE

R.T.: 5.045 min  
Delta R.T.: 0.000 min  
Response: 143653597  
Conc: 50.25 ng/ml

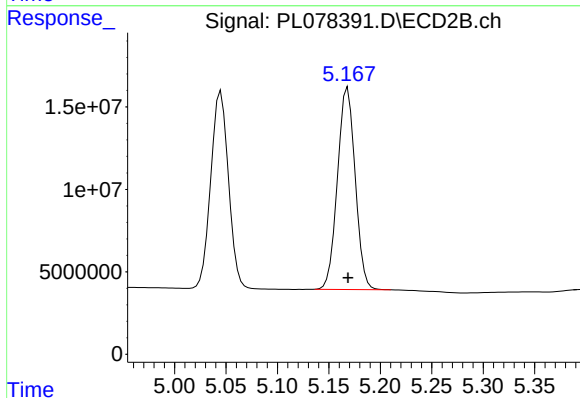




#13 Dieldrin

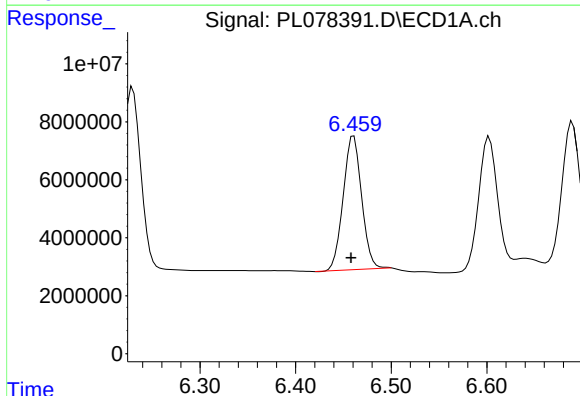
R.T.: 6.230 min  
Delta R.T.: 0.003 min  
Response: 84448363  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



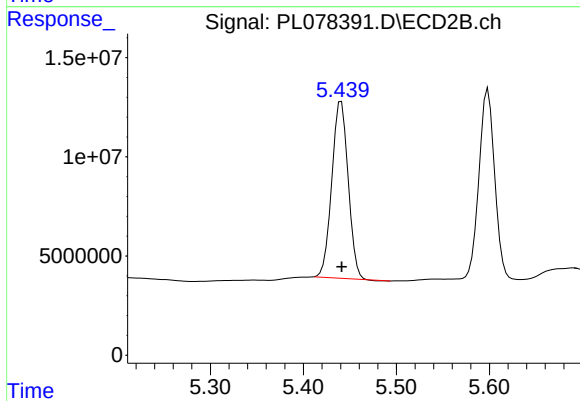
#13 Dieldrin

R.T.: 5.168 min  
Delta R.T.: 0.000 min  
Response: 147009967  
Conc: 50.17 ng/ml



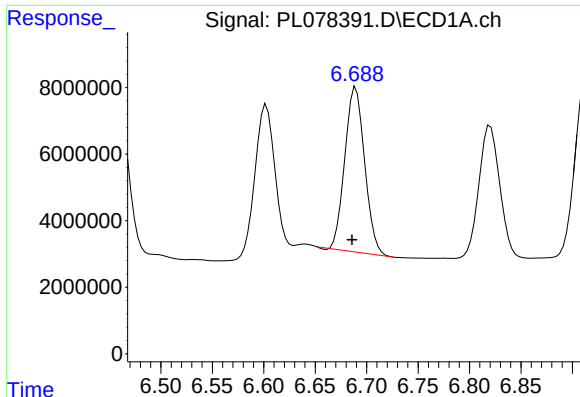
#14 Endrin

R.T.: 6.461 min  
Delta R.T.: 0.003 min  
Response: 62017644  
Conc: 41.56 ng/ml



#14 Endrin

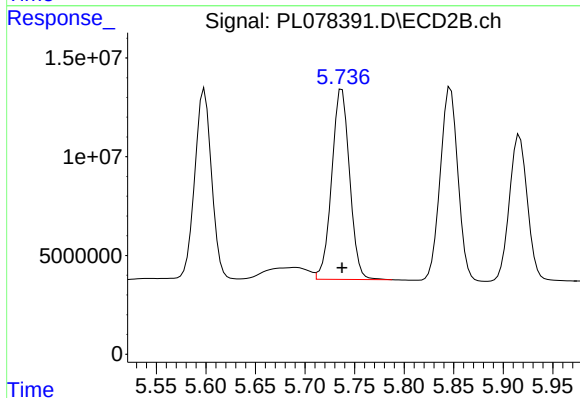
R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 109036596  
Conc: 47.34 ng/ml



#15 Endosulfan II

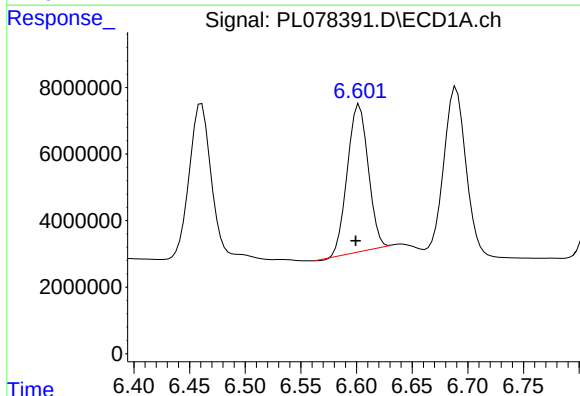
R.T.: 6.690 min  
Delta R.T.: 0.004 min  
Response: 66151429  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



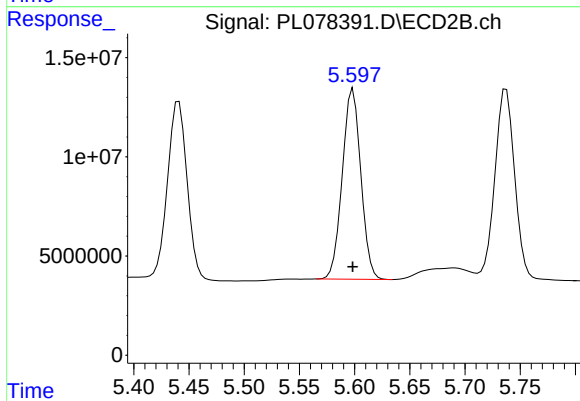
#15 Endosulfan II

R.T.: 5.737 min  
Delta R.T.: 0.000 min  
Response: 121141942  
Conc: 49.49 ng/ml



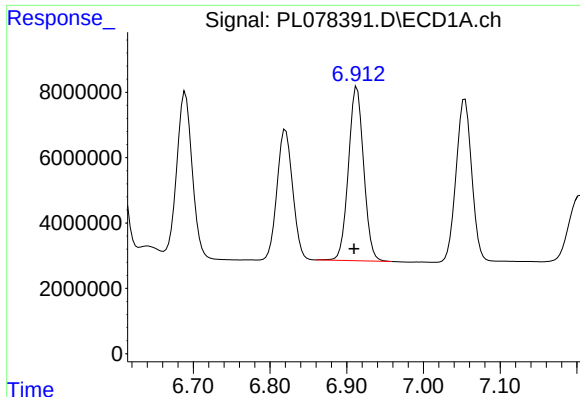
#16 4,4'-DDD

R.T.: 6.602 min  
Delta R.T.: 0.003 min  
Response: 58354785  
Conc: 47.39 ng/ml



#16 4,4'-DDD

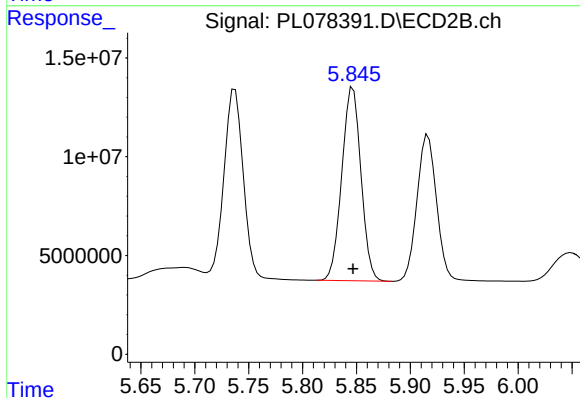
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 112408564  
Conc: 50.47 ng/ml



#17 4,4'-DDT

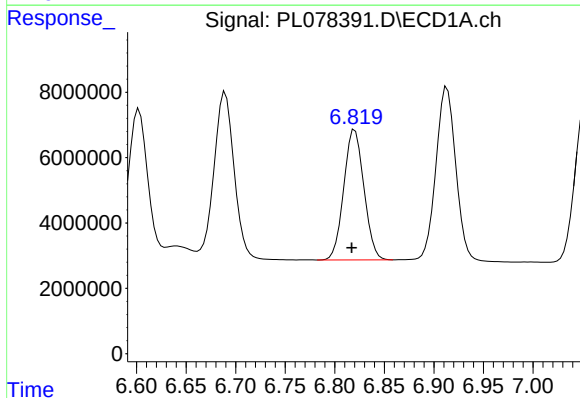
R.T.: 6.913 min  
Delta R.T.: 0.004 min  
Response: 74037215  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



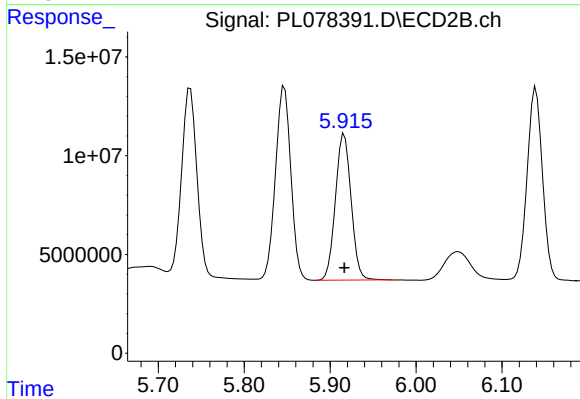
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 121366751  
Conc: 53.47 ng/ml



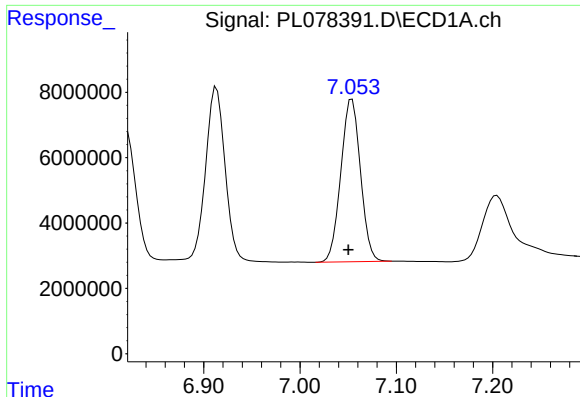
#18 Endrin aldehyde

R.T.: 6.820 min  
Delta R.T.: 0.003 min  
Response: 56396880  
Conc: 49.28 ng/ml



#18 Endrin aldehyde

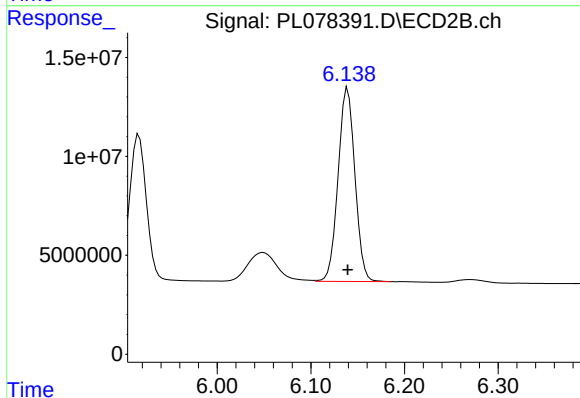
R.T.: 5.916 min  
Delta R.T.: 0.000 min  
Response: 93677878  
Conc: 50.63 ng/ml



#19 Endosulfan Sulfate

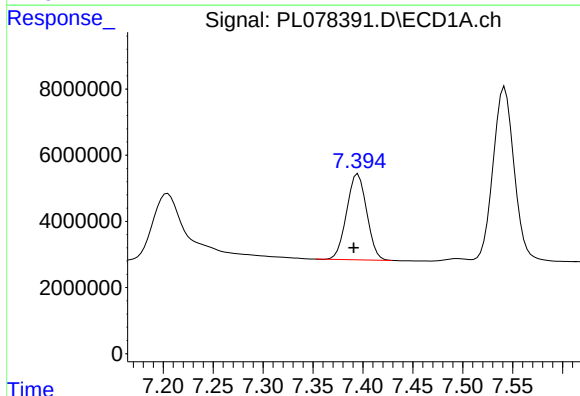
R.T.: 7.054 min  
Delta R.T.: 0.004 min  
Response: 70344318  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



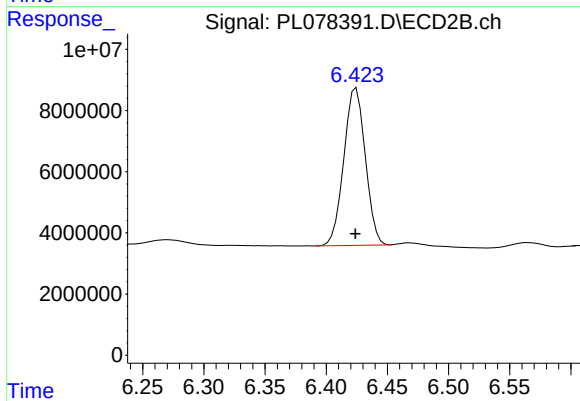
#19 Endosulfan Sulfate

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 122379045  
Conc: 50.84 ng/ml



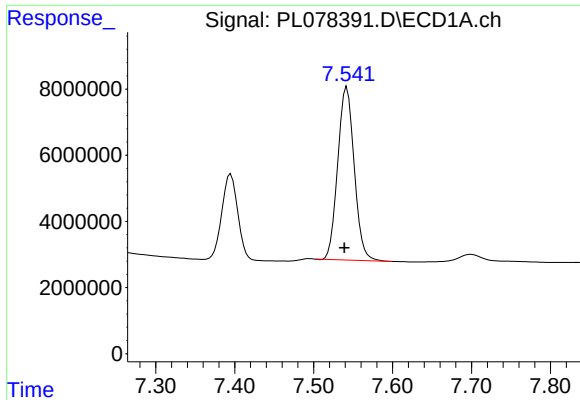
#20 Methoxychlor

R.T.: 7.395 min  
Delta R.T.: 0.004 min  
Response: 36221198  
Conc: 47.80 ng/ml



#20 Methoxychlor

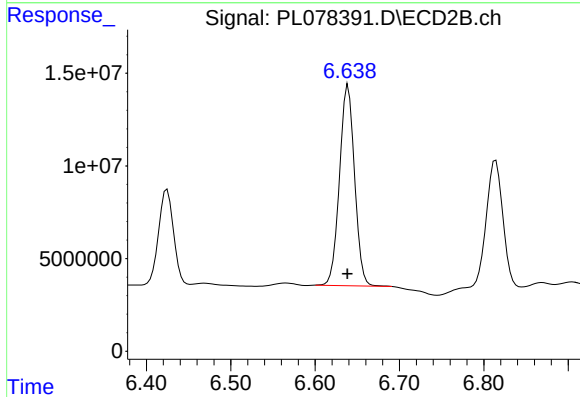
R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 62826682  
Conc: 49.74 ng/ml



#21 Endrin ketone

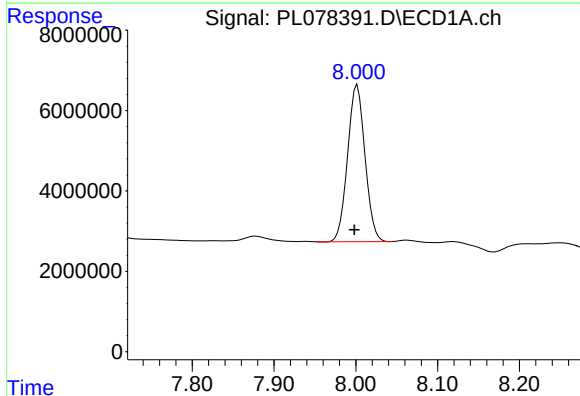
R.T.: 7.542 min  
Delta R.T.: 0.003 min  
Response: 75798980  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



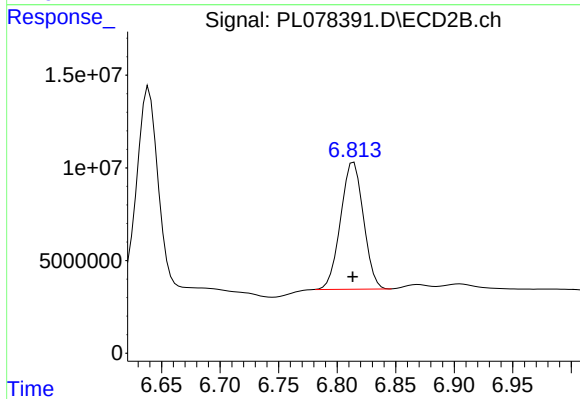
#21 Endrin ketone

R.T.: 6.639 min  
Delta R.T.: 0.000 min  
Response: 134350715  
Conc: 50.71 ng/ml



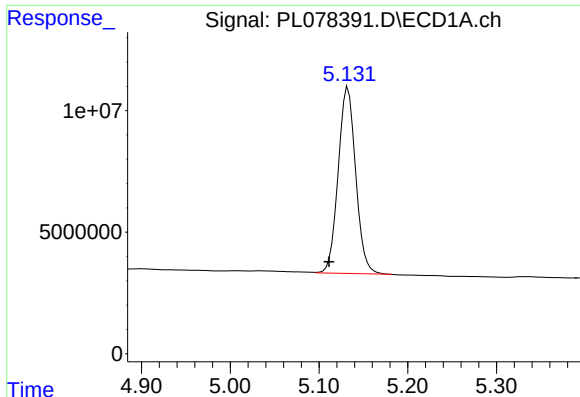
#22 Mirex

R.T.: 8.002 min  
Delta R.T.: 0.003 min  
Response: 57378665  
Conc: 48.58 ng/ml



#22 Mirex

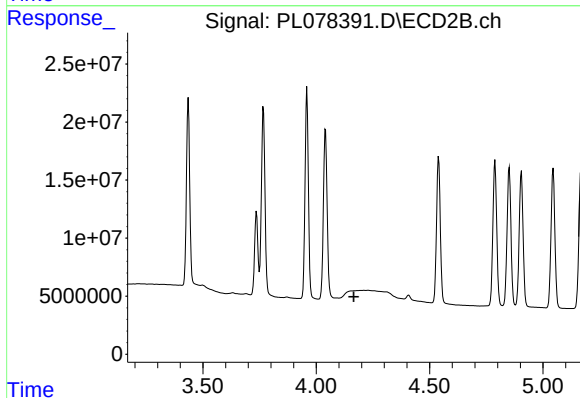
R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 93159728  
Conc: 48.42 ng/ml



#24 Chlordane-2

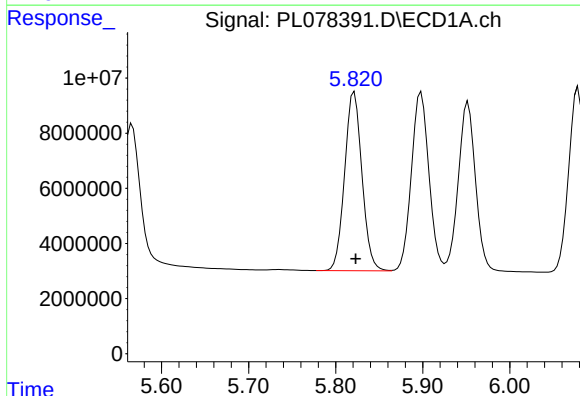
R.T.: 5.133 min  
Delta R.T.: 0.022 min  
Response: 105037294  
Conc: 1491.30 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



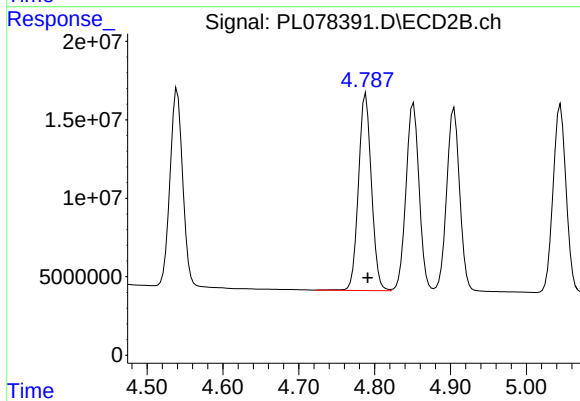
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.165 min  
Response: 0  
Conc: N.D.



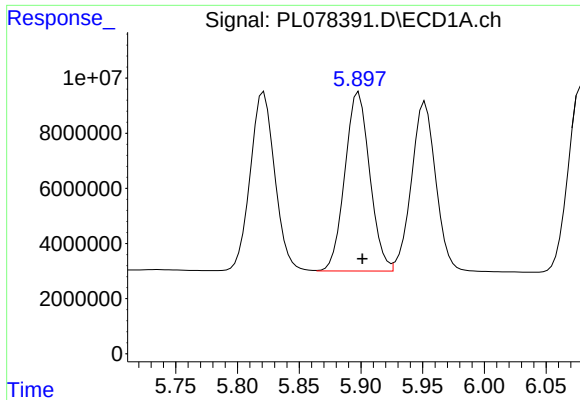
#25 Chlordane-3

R.T.: 5.821 min  
Delta R.T.: -0.002 min  
Response: 89567127  
Conc: 344.52 ng/ml



#25 Chlordane-3

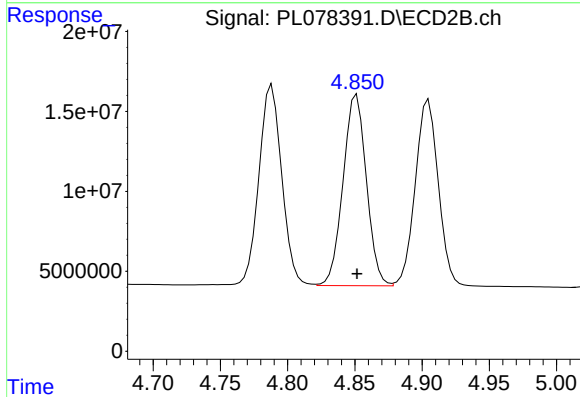
R.T.: 4.788 min  
Delta R.T.: -0.002 min  
Response: 148711983  
Conc: 486.05 ng/ml



#26 Chlordane-4

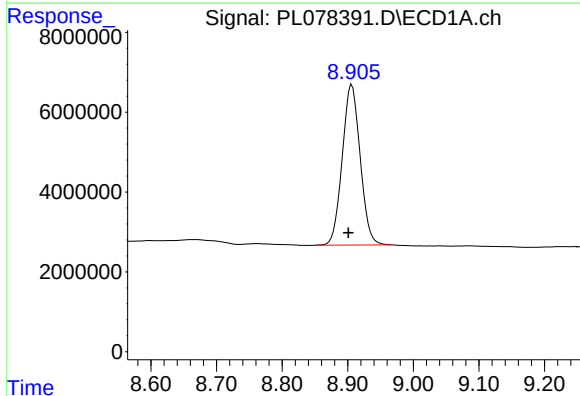
R.T.: 5.898 min  
Delta R.T.: -0.003 min  
Response: 91007951  
Conc: 284.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



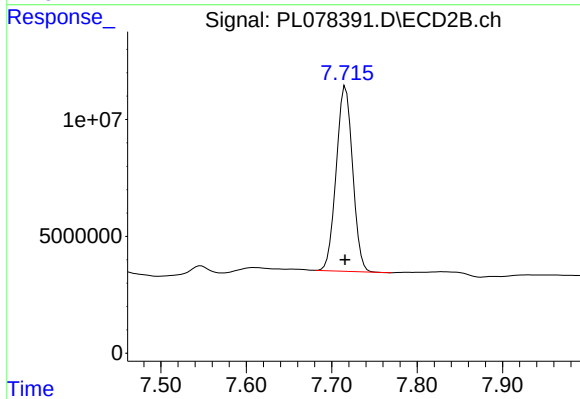
#26 Chlordane-4

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 144160606  
Conc: 446.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min  
Delta R.T.: 0.005 min  
Response: 76336090  
Conc: 49.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.716 min  
Delta R.T.: 0.000 min  
Response: 105763332  
Conc: 48.65 ng/ml