

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101122\  
 Data File : PL078276.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2022 10:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 00:40:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100322.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 03 19:46:18 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  | 2.622  | 37249477 | 58968085 | 20.197  | 20.980  |
| 28)                         | SA Decachlor... | 8.902  | 7.717  | 34109913 | 45789989 | 21.727  | 21.100  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.878  | 3.114  | 25050332 | 45150550 | 9.026   | 10.345  |
| 3)                          | MA gamma-BHC... | 4.214  | 3.437  | 23991387 | 35408709 | 9.242   | 9.246   |
| 5)                          | MB Aldrin       | 5.116  | 0.000  | 1364522  | 0        | 0.576   | N.D. #  |
| 6)                          | B beta-BHC      | 4.427  | 3.738  | 10802245 | 16486254 | 9.421   | 10.314  |
| 8)                          | B Heptachlo...  | 5.567  | 0.000  | 12168360 | 0        | 5.666   | N.D. #  |
| 9)                          | A Endosulfan I  | 5.955  | 4.930f | 637908   | 411955   | 0.332   | 0.141 # |
| 10)                         | B gamma-Chl...  | 5.798f | 4.793  | 2319040  | 2420845  | 1.114   | 0.759 # |
| 11)                         | B alpha-Chl...  | 5.923f | 0.000  | 1804494  | 0        | 0.875   | N.D. #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.163  | 0        | 7832219  | N.D.    | 2.539 # |
| 14)                         | MA Endrin       | 6.458  | 5.442  | 75778611 | 109.7E6  | 44.512  | 42.228  |
| 15)                         | B Endosulfa...  | 6.704f | 5.762f | 3575213  | 975473   | 1.972   | 0.371 # |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.600  | 1061677  | 1574424  | 0.728   | 0.663   |
| 17)                         | MA 4,4'-DDT     | 6.910  | 5.848  | 155.4E6  | 216.5E6  | 93.949  | 88.712  |
| 18)                         | B Endrin al...  | 6.818  | 5.920  | 1142986  | 2382180  | 0.893   | 1.212 # |
| 20)                         | A Methoxychlor  | 7.392  | 6.425  | 199.2E6  | 300.5E6  | 241.356 | 232.937 |
| 21)                         | B Endrin ke...  | 7.539  | 6.638  | 3620587  | -2471625 | 2.165   | N.D. #  |
| 24)                         | Chlordane-2     | 5.116  | 0.000  | 1364522  | 0        | 16.914  | N.D. #  |
| 25)                         | Chlordane-3     | 5.798f | 4.793  | 2319040  | 2420845  | 7.792   | 7.541   |
| 26)                         | Chlordane-4     | 5.923f | 0.000  | 1804494  | 0        | 5.027   | N.D. #  |
| -----                       |                 |        |        |          |          |         |         |

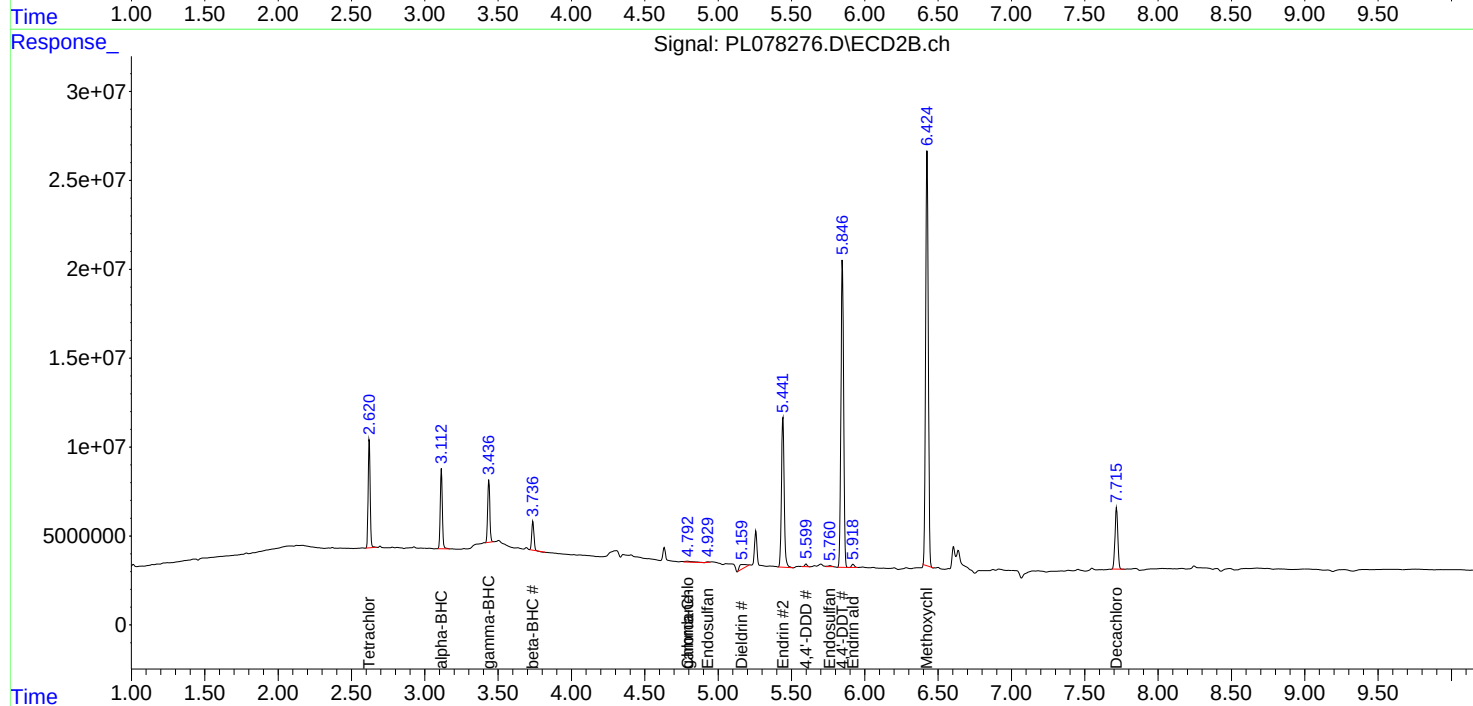
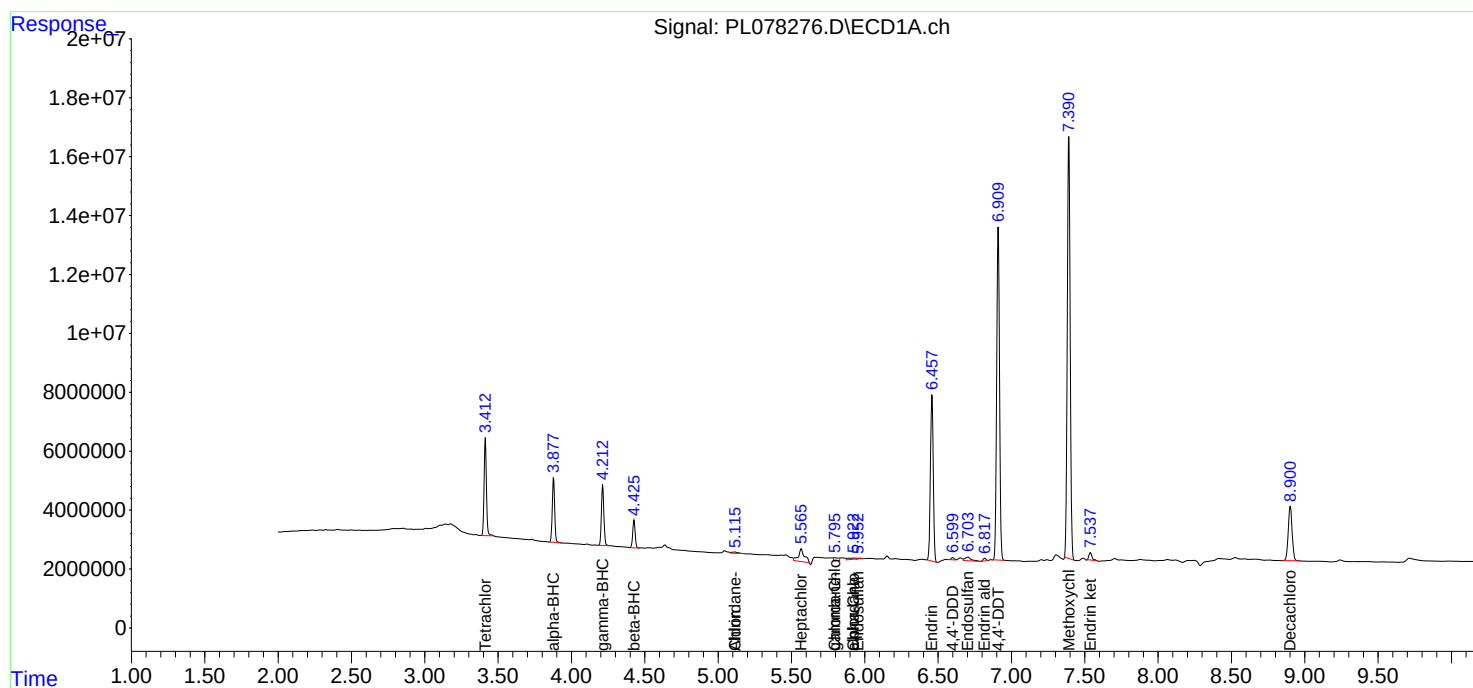
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

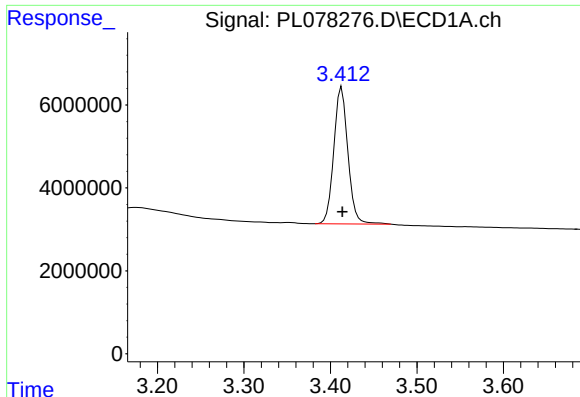
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101122\  
Data File : PL078276.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2022 10:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 00:40:05 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100322.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 03 19:46:18 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

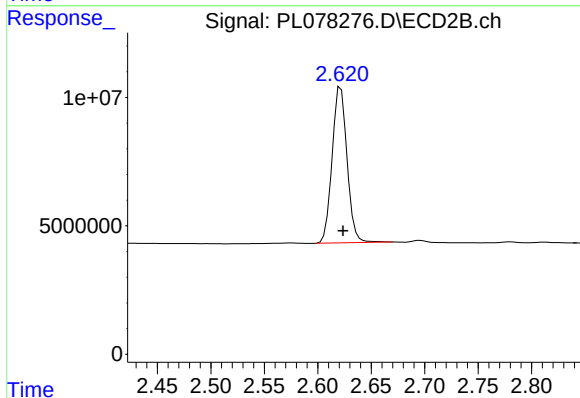




#1 Tetrachloro-m-xylene

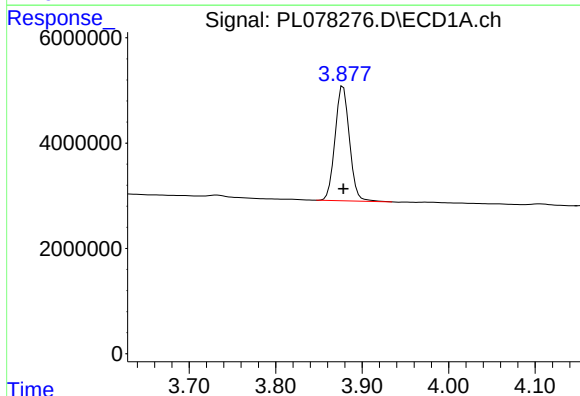
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 37249477  
Conc: 20.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



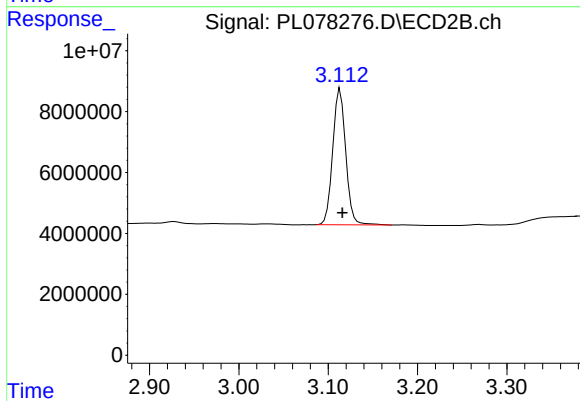
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: -0.002 min  
Response: 58968085  
Conc: 20.98 ng/ml



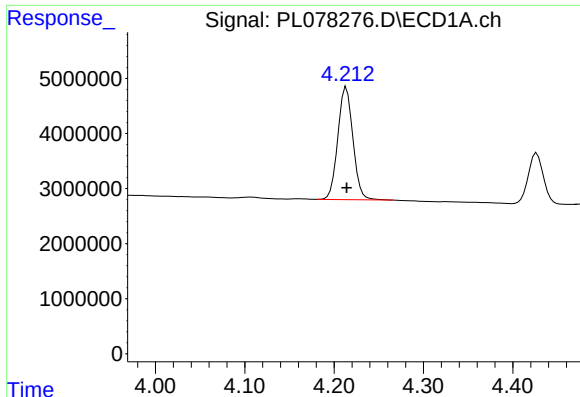
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 25050332  
Conc: 9.03 ng/ml



#2 alpha-BHC

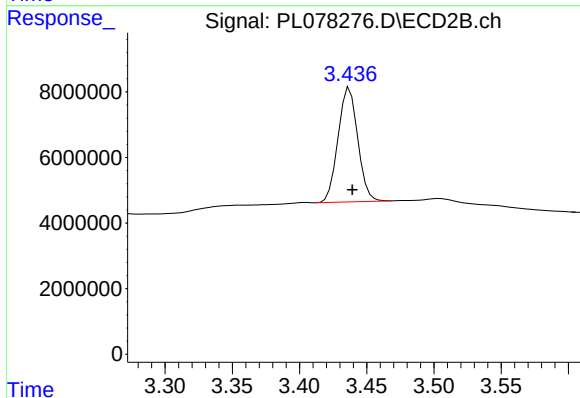
R.T.: 3.114 min  
Delta R.T.: -0.002 min  
Response: 45150550  
Conc: 10.35 ng/ml



#3 gamma-BHC (Lindane)

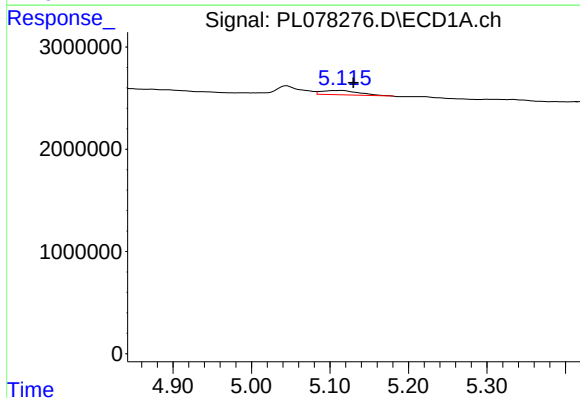
R.T.: 4.214 min  
Delta R.T.: 0.000 min  
Response: 23991387  
Conc: 9.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



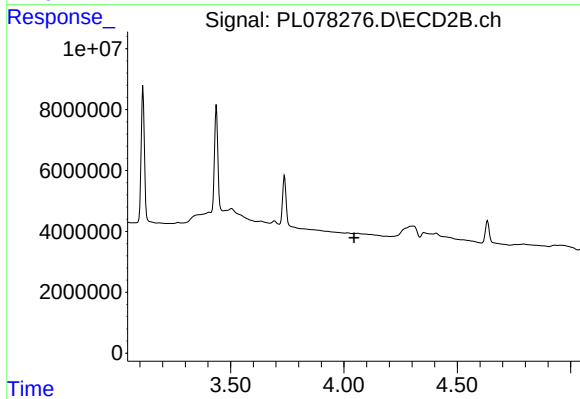
#3 gamma-BHC (Lindane)

R.T.: 3.437 min  
Delta R.T.: -0.002 min  
Response: 35408709  
Conc: 9.25 ng/ml



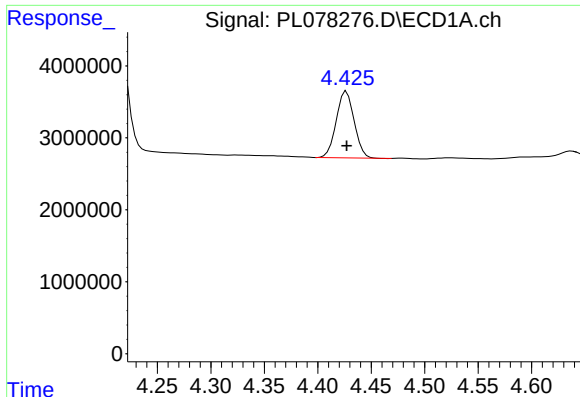
#5 Aldrin

R.T.: 5.116 min  
Delta R.T.: -0.014 min  
Response: 1364522  
Conc: 0.58 ng/ml



#5 Aldrin

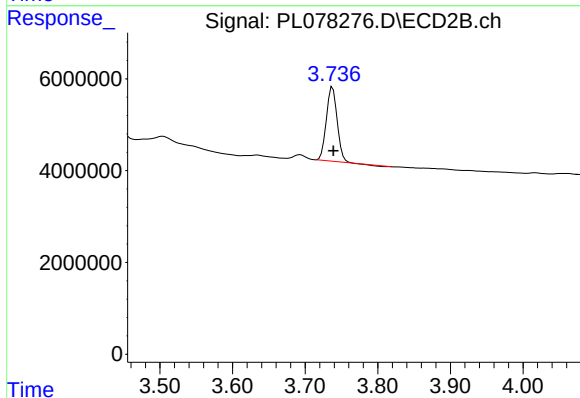
R.T.: 0.000 min  
Exp R.T.: 4.045 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

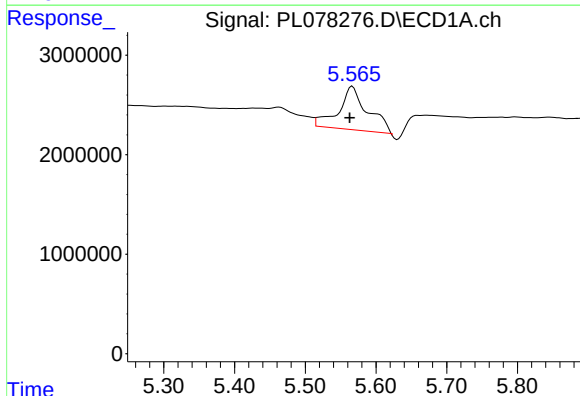
R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 10802245  
Conc: 9.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



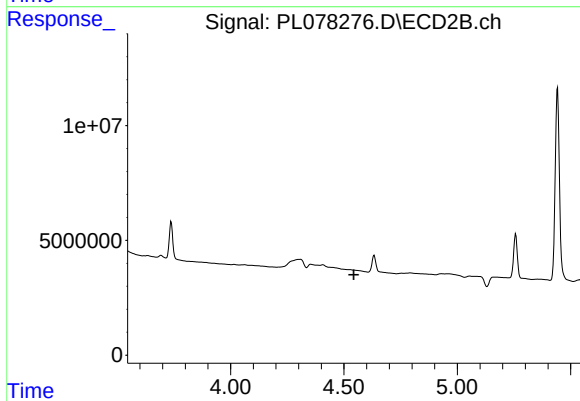
#6 beta-BHC

R.T.: 3.738 min  
Delta R.T.: -0.001 min  
Response: 16486254  
Conc: 10.31 ng/ml



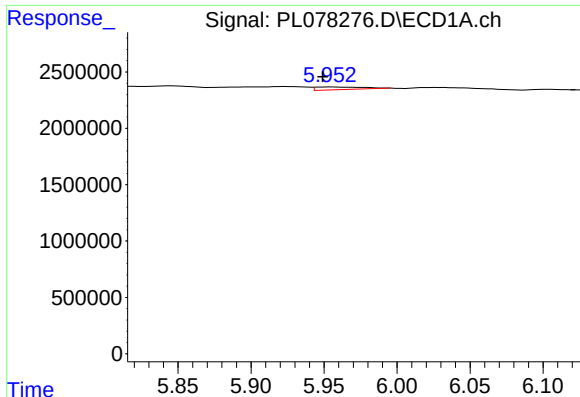
#8 Heptachlor epoxide

R.T.: 5.567 min  
Delta R.T.: 0.004 min  
Response: 12168360  
Conc: 5.67 ng/ml



#8 Heptachlor epoxide

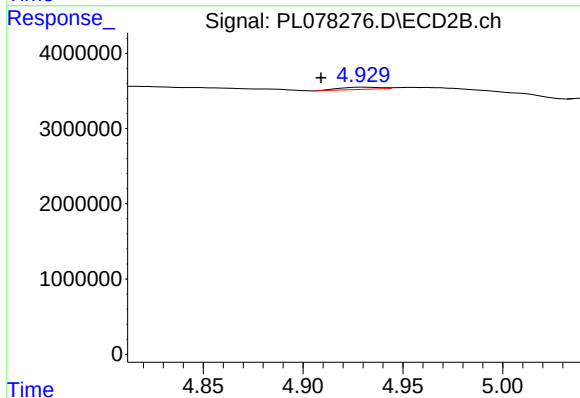
R.T.: 0.000 min  
Exp R.T. : 4.544 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

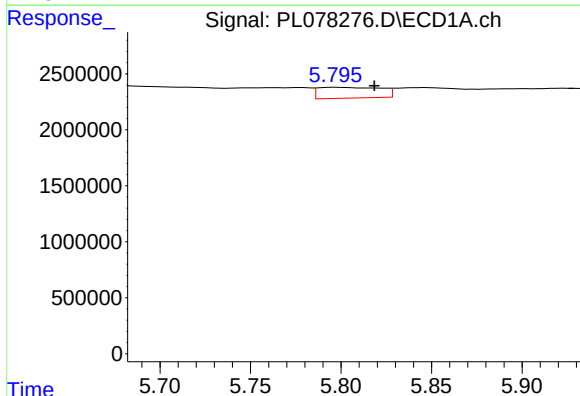
R.T.: 5.955 min  
Delta R.T.: 0.005 min  
Response: 637908  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



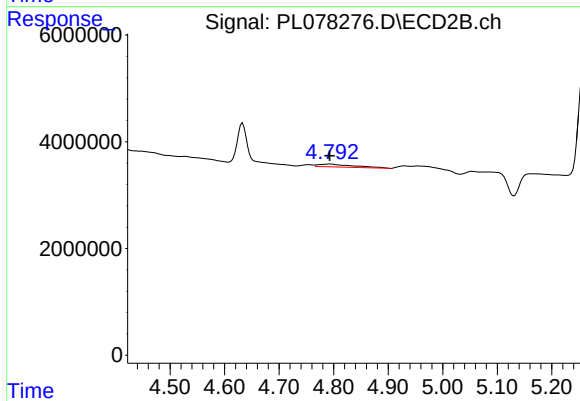
#9 Endosulfan I

R.T.: 4.930 min  
Delta R.T.: 0.021 min  
Response: 411955  
Conc: 0.14 ng/ml



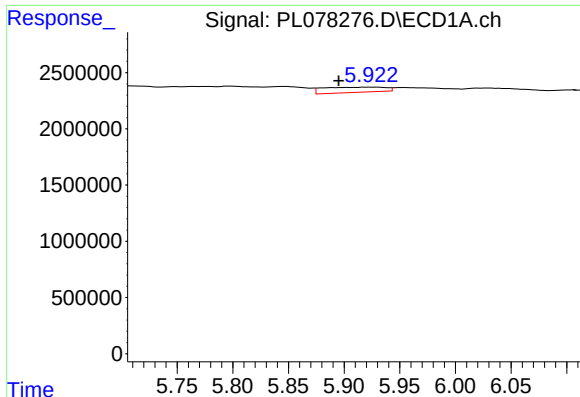
#10 gamma-Chlordane

R.T.: 5.798 min  
Delta R.T.: -0.021 min  
Response: 2319040  
Conc: 1.11 ng/ml



#10 gamma-Chlordane

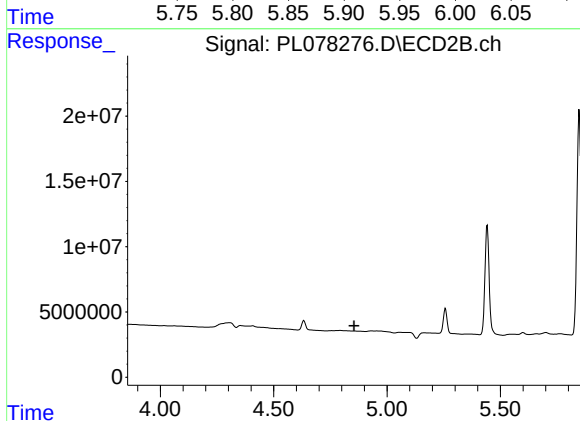
R.T.: 4.793 min  
Delta R.T.: 0.000 min  
Response: 2420845  
Conc: 0.76 ng/ml



#11 alpha-Chlordane

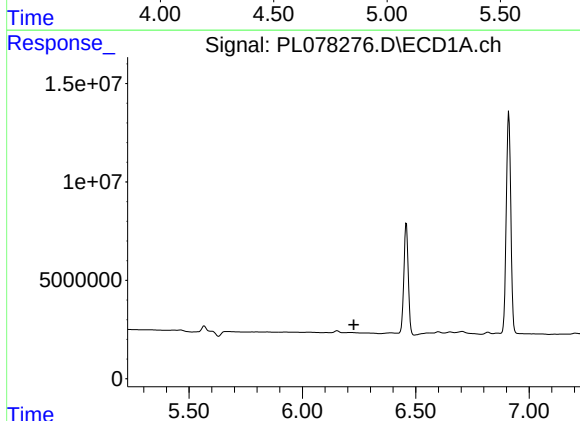
R.T.: 5.923 min  
Delta R.T.: 0.028 min  
Response: 1804494  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



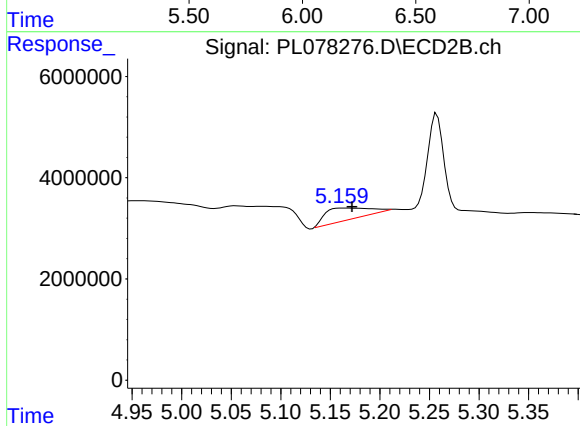
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.855 min  
Response: 0  
Conc: N.D.



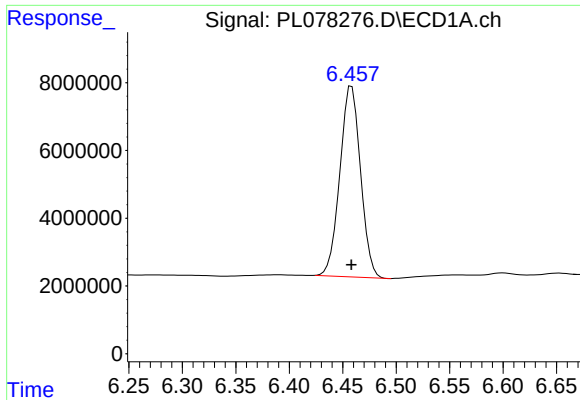
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.227 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

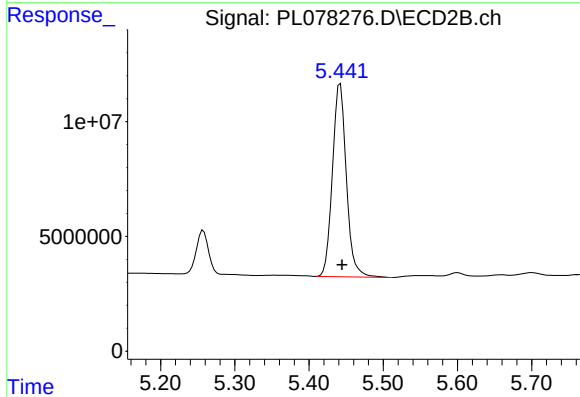
R.T.: 5.163 min  
Delta R.T.: -0.009 min  
Response: 7832219  
Conc: 2.54 ng/ml



#14 Endrin

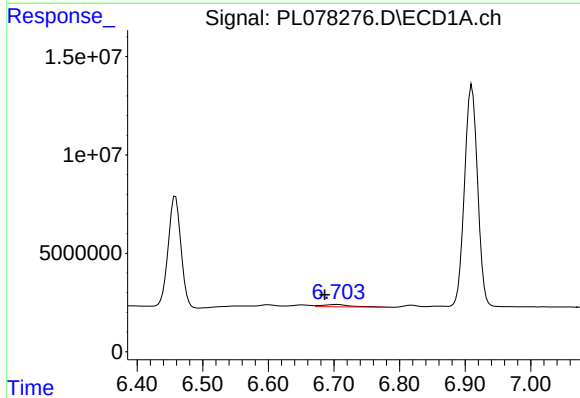
R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 75778611  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



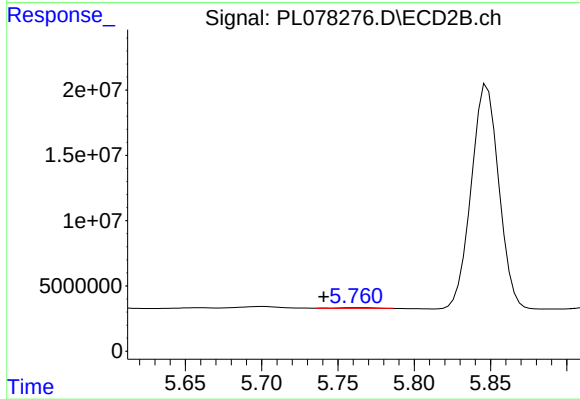
#14 Endrin

R.T.: 5.442 min  
Delta R.T.: -0.002 min  
Response: 109748947  
Conc: 42.23 ng/ml



#15 Endosulfan II

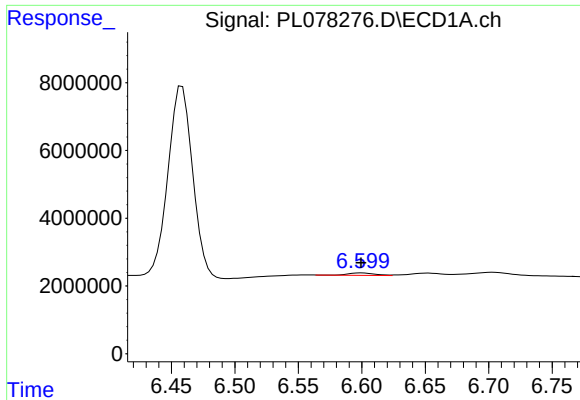
R.T.: 6.704 min  
Delta R.T.: 0.018 min  
Response: 3575213  
Conc: 1.97 ng/ml



#15 Endosulfan II

R.T.: 5.762 min  
Delta R.T.: 0.021 min  
Response: 975473  
Conc: 0.37 ng/ml

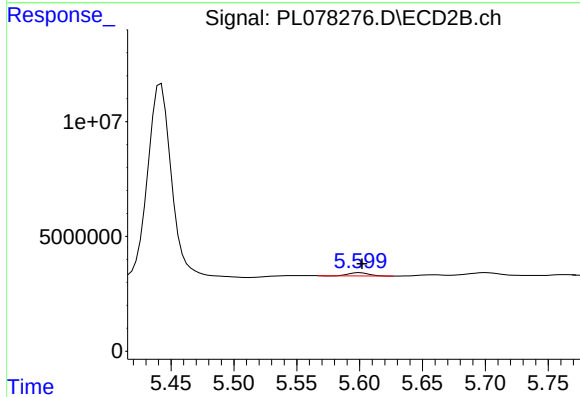




#16 4,4'-DDD

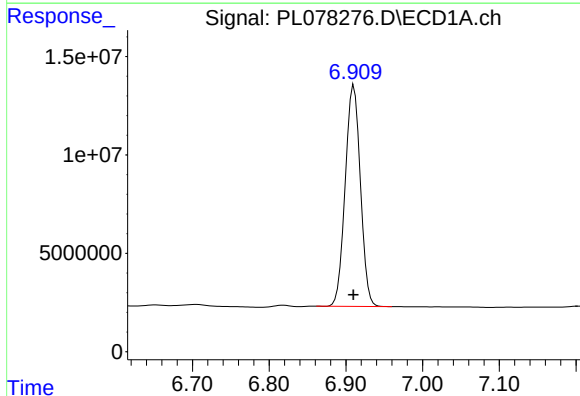
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 1061677  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



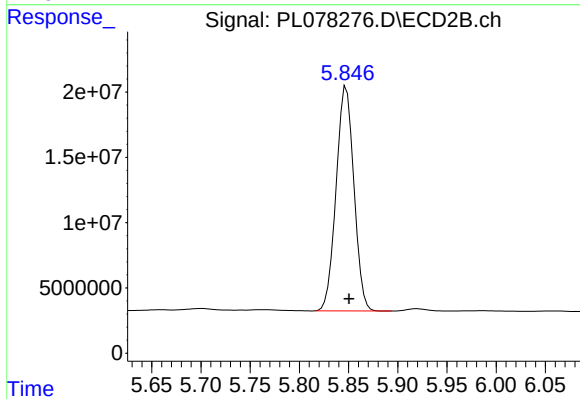
#16 4,4'-DDD

R.T.: 5.600 min  
Delta R.T.: -0.002 min  
Response: 1574424  
Conc: 0.66 ng/ml



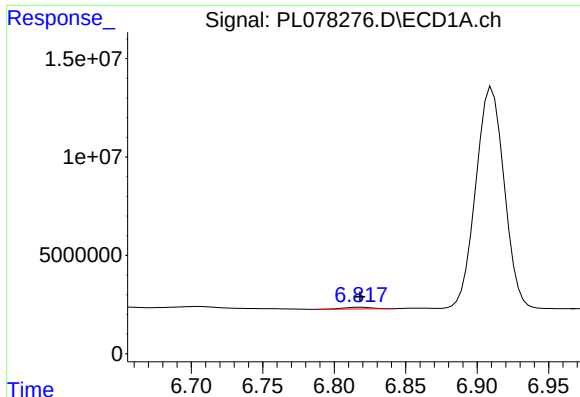
#17 4,4'-DDT

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 155386967  
Conc: 93.95 ng/ml



#17 4,4'-DDT

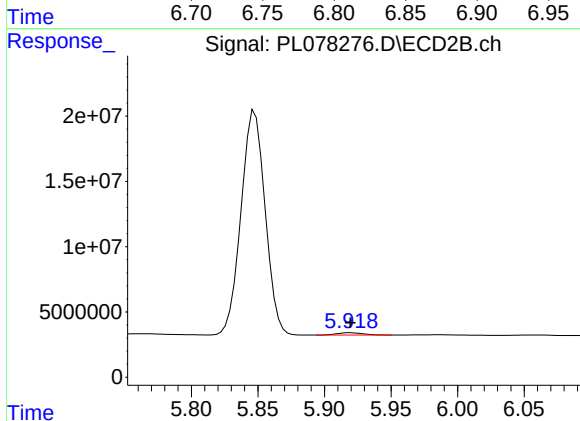
R.T.: 5.848 min  
Delta R.T.: -0.003 min  
Response: 216488815  
Conc: 88.71 ng/ml



#18 Endrin aldehyde

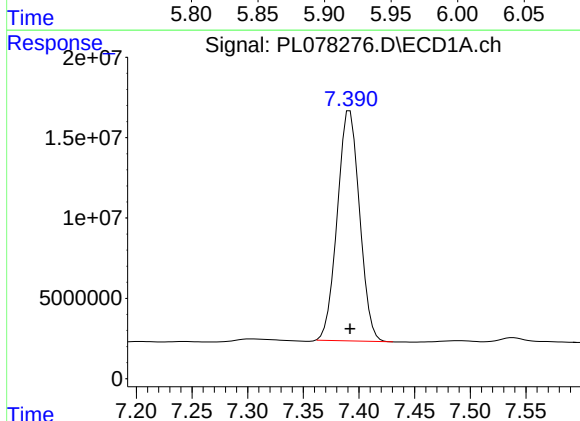
R.T.: 6.818 min  
Delta R.T.: 0.000 min  
Response: 1142986  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



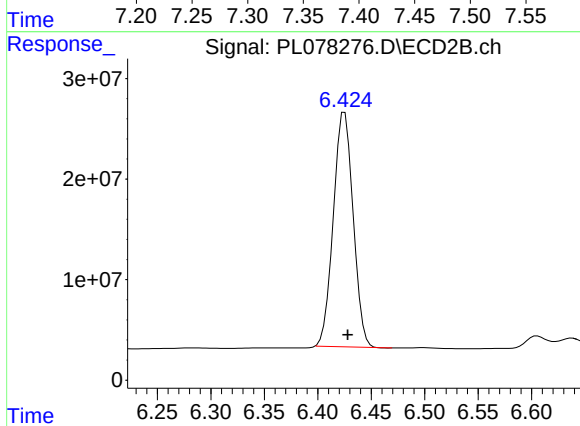
#18 Endrin aldehyde

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 2382180  
Conc: 1.21 ng/ml



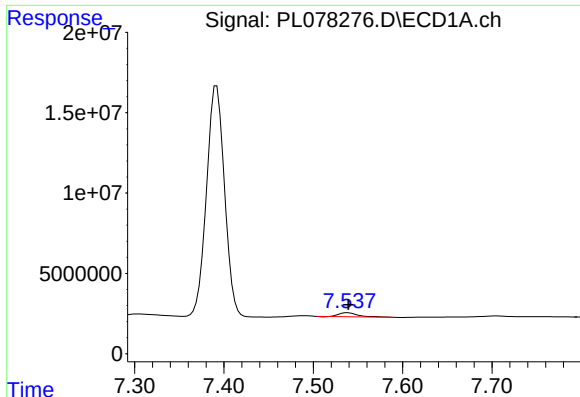
#20 Methoxychlor

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 199234658  
Conc: 241.36 ng/ml



#20 Methoxychlor

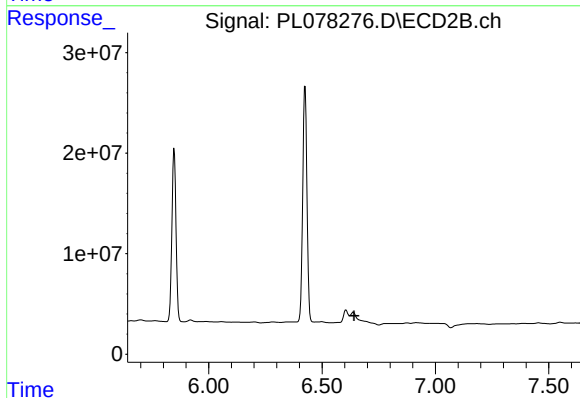
R.T.: 6.425 min  
Delta R.T.: -0.003 min  
Response: 300507523  
Conc: 232.94 ng/ml



#21 Endrin ketone

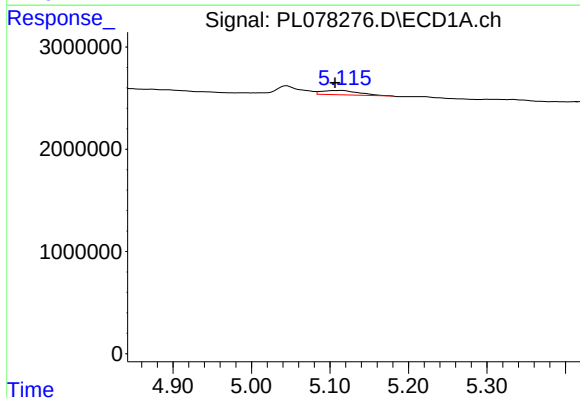
R.T.: 7.539 min  
Delta R.T.: 0.000 min  
Response: 3620587  
Conc: 2.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



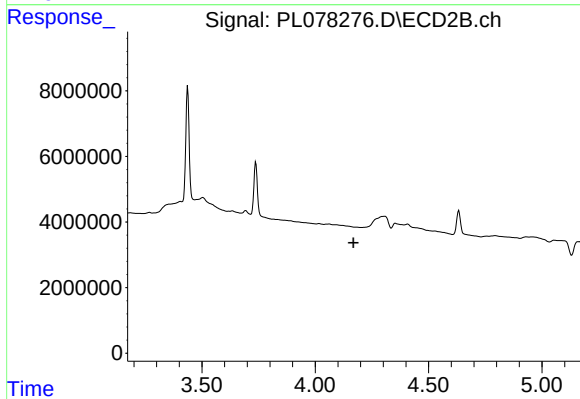
#21 Endrin ketone

R.T.: 6.638 min  
Delta R.T.: -0.004 min  
Response: -2471625  
Conc: N.D.



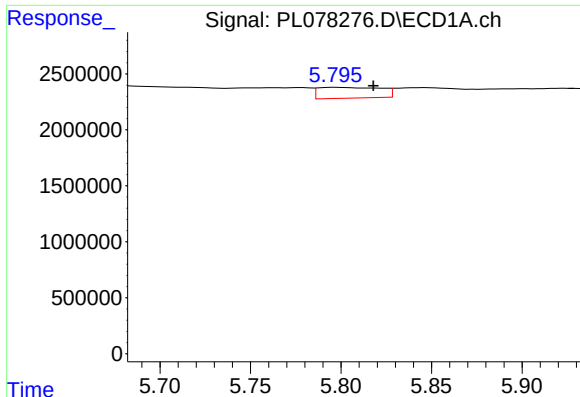
#24 Chlordane-2

R.T.: 5.116 min  
Delta R.T.: 0.009 min  
Response: 1364522  
Conc: 16.91 ng/ml



#24 Chlordane-2

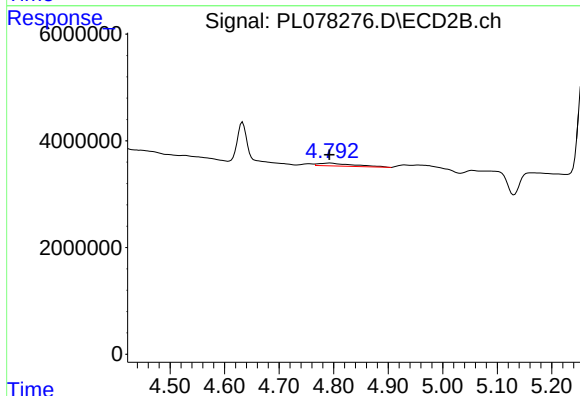
R.T.: 0.000 min  
Exp R.T. : 4.169 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

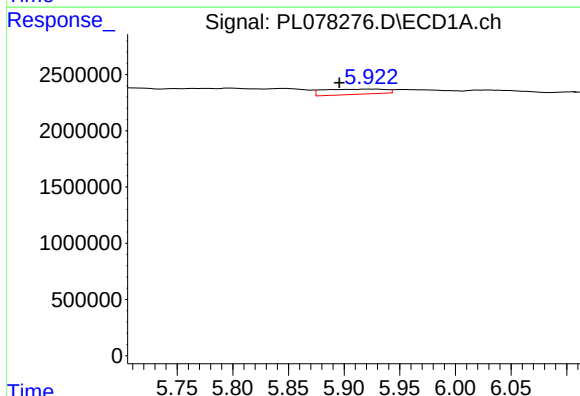
R.T.: 5.798 min  
Delta R.T.: -0.020 min  
Response: 2319040  
Conc: 7.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



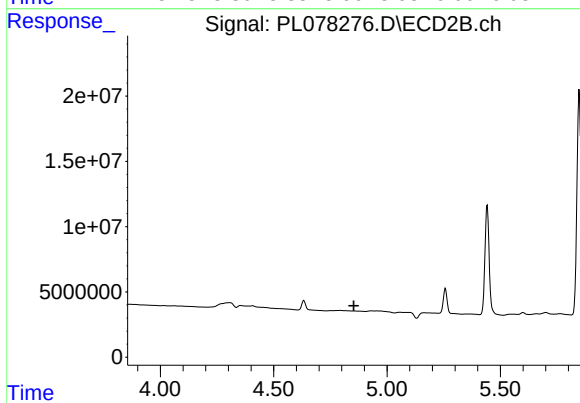
#25 Chlordane-3

R.T.: 4.793 min  
Delta R.T.: 0.000 min  
Response: 2420845  
Conc: 7.54 ng/ml



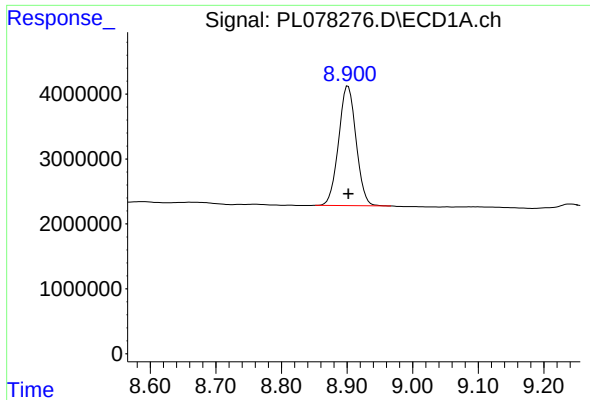
#26 Chlordane-4

R.T.: 5.923 min  
Delta R.T.: 0.027 min  
Response: 1804494  
Conc: 5.03 ng/ml



#26 Chlordane-4

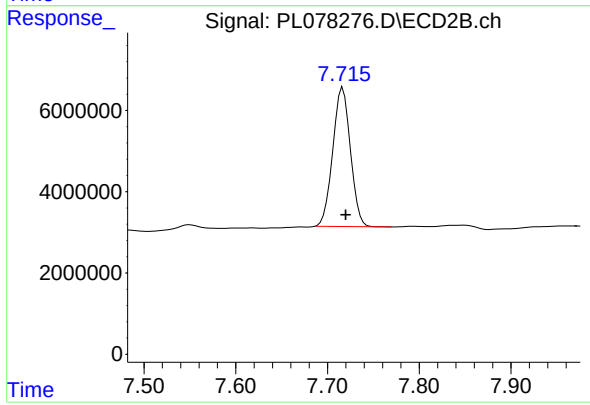
R.T.: 0.000 min  
Exp R.T. : 4.853 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: 0.000 min  
Response: 34109913  
Conc: 21.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.717 min  
Delta R.T.: -0.003 min  
Response: 45789989  
Conc: 21.10 ng/ml