

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
 Data File : PL077630.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2022 18:33  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 03:13:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 14:34:08 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  | 2.628  | 35660026 | 58705150 | 20.857  | 22.185    |
| 28)                         | SA Decachlor... | 8.903  | 7.725  | 29632087 | 49318623 | 19.756  | 25.009 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.881  | 3.120  | 24472219 | 44865760 | 9.535   | 11.203    |
| 3)                          | MA gamma-BHC... | 4.216  | 3.443  | 23598918 | 40491048 | 9.862   | 12.952 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.070f | 0        | 152091   | N.D.    | 0.048 #   |
| 6)                          | B beta-BHC      | 4.428  | 3.743  | 11057490 | 17773339 | 10.777  | 12.419    |
| 7)                          | B delta-BHC     | 4.670  | 0.000  | 392000   | 0        | 0.208   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.569  | 0.000  | 6319224  | 0        | 3.950   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.797f | 4.809  | 3500463  | 10235263 | 1.867   | 3.655 #   |
| 11)                         | B alpha-Chl...  | 5.909  | 0.000  | 266809   | 0        | 0.141   | N.D. #    |
| 13)                         | MA Dieldrin     | 0.000  | 5.184  | 0        | 974830   | N.D.    | 0.356 #   |
| 14)                         | MA Endrin       | 6.460  | 5.449  | 72839303 | 133.5E6  | 48.109  | 64.749 #  |
| 15)                         | B Endosulfa...  | 6.706f | 5.769f | 1741045  | 725332   | 1.074   | 0.308 #   |
| 16)                         | A 4,4'-DDD      | 6.601  | 5.607  | 3955895  | 9058123  | 2.995   | 4.398 #   |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.855  | 140.8E6  | 249.6E6  | 88.802  | 116.940 # |
| 18)                         | B Endrin al...  | 6.819  | 5.925  | 2094399  | 4526584  | 1.795   | 2.603 #   |
| 20)                         | A Methoxychlor  | 7.393  | 6.433  | 179.9E6  | 307.0E6  | 226.838 | 261.292   |
| 21)                         | B Endrin ke...  | 7.540  | 6.646  | 5432887  | 14144427 | 3.519   | 5.832 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.167  | 0        | 4397915  | N.D.    | 44.655 #  |
| 25)                         | Chlordane-3     | 5.797f | 4.809  | 3500463  | 10235263 | 12.919  | 35.833 #  |
| 26)                         | Chlordane-4     | 5.909  | 0.000  | 266809   | 0        | 0.798   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

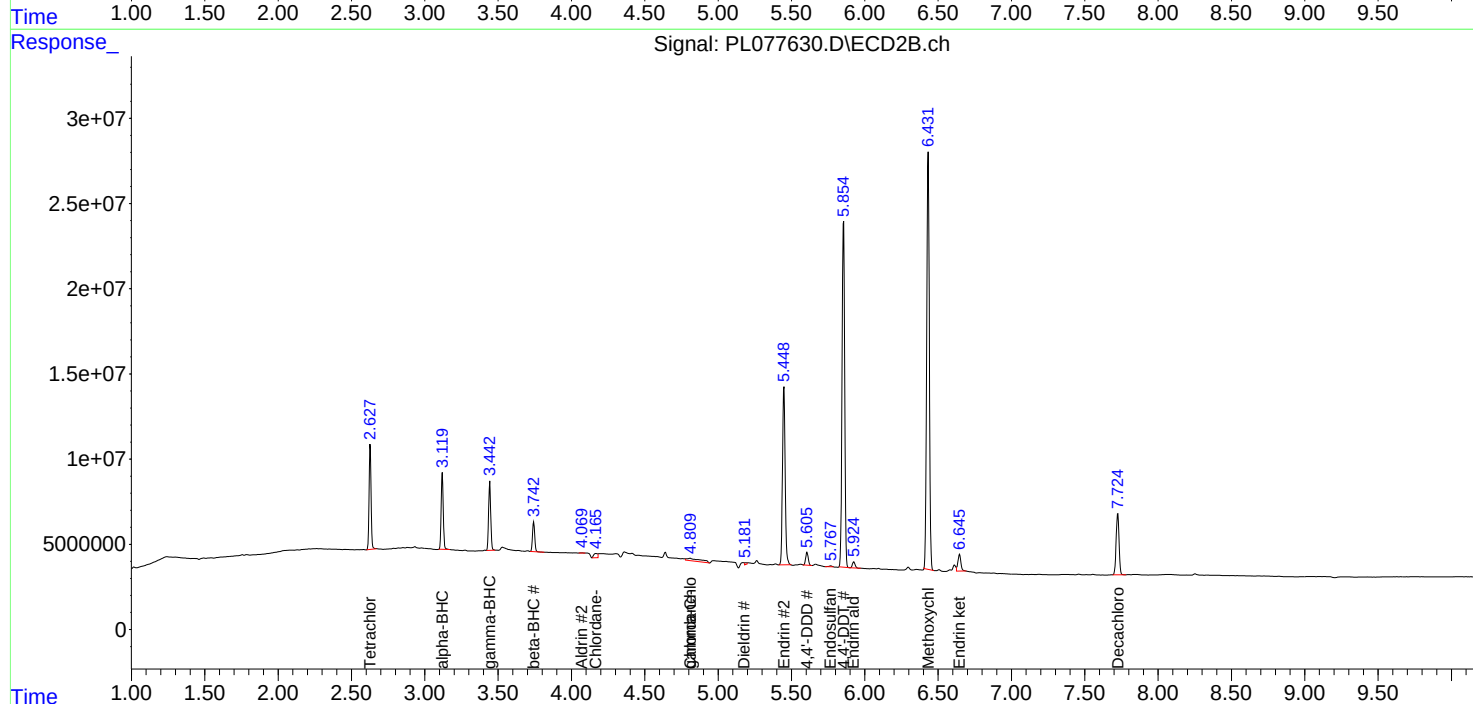
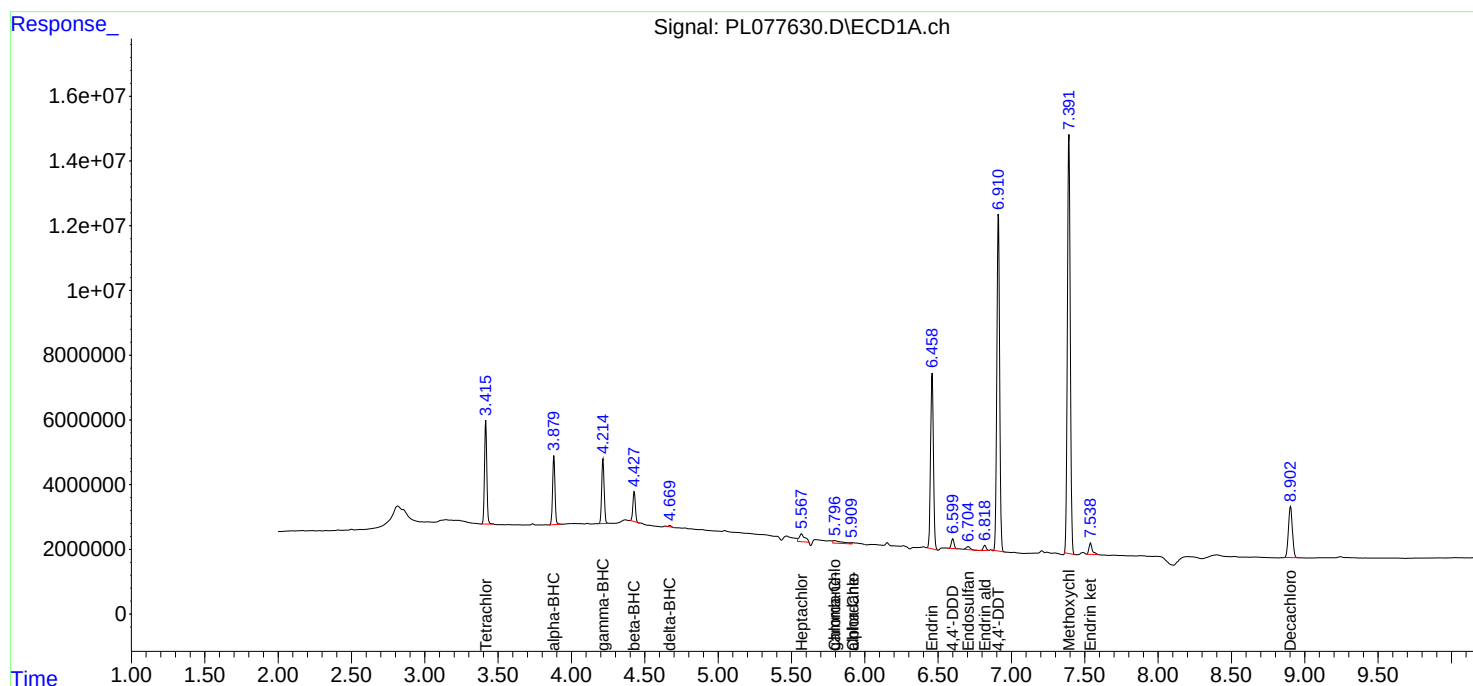
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

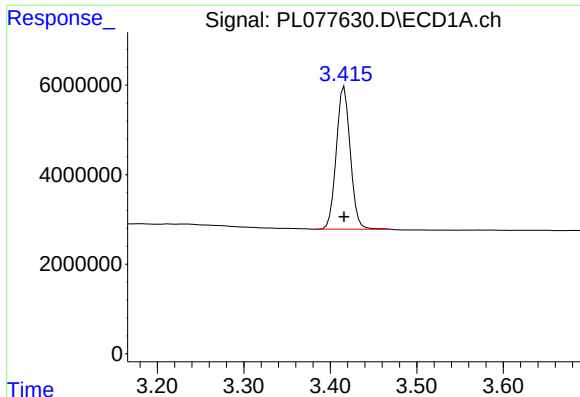
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
Data File : PL077630.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2022 18:33  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 03:13:10 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 07 14:34:08 2022  
Response via : Initial Calibration  
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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

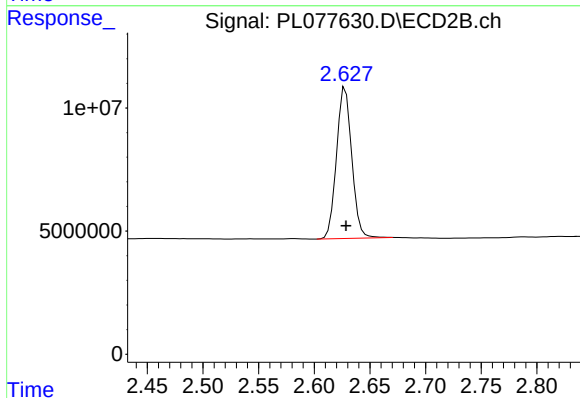




#1 Tetrachloro-m-xylene

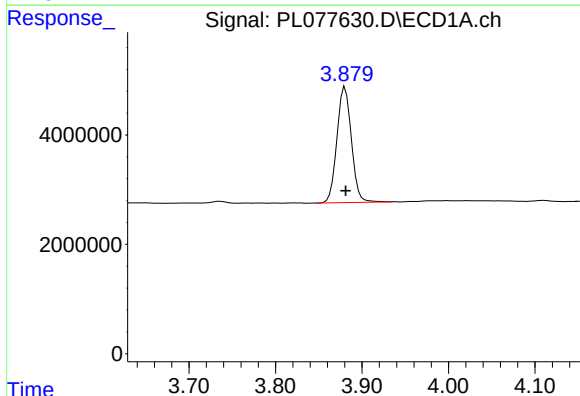
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 35660026  
Conc: 20.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



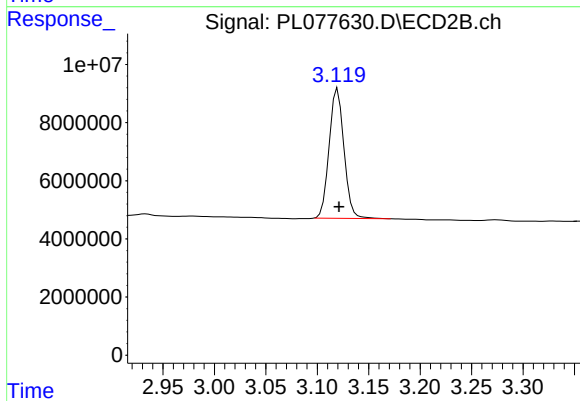
#1 Tetrachloro-m-xylene

R.T.: 2.628 min  
Delta R.T.: 0.000 min  
Response: 58705150  
Conc: 22.19 ng/ml



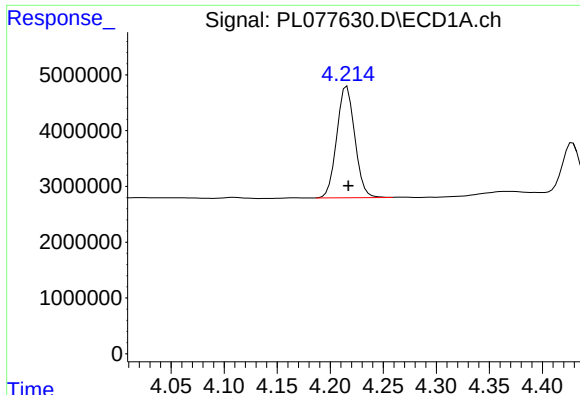
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 24472219  
Conc: 9.54 ng/ml



#2 alpha-BHC

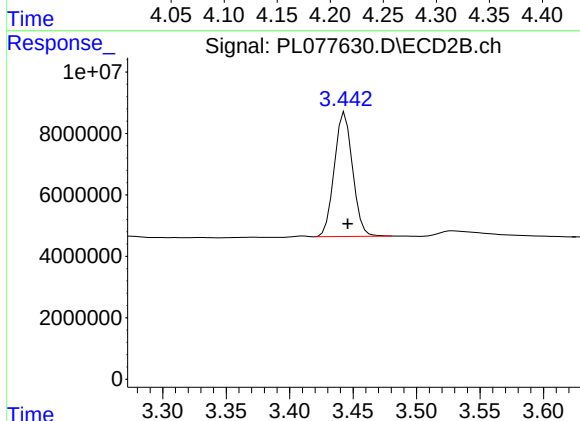
R.T.: 3.120 min  
Delta R.T.: -0.001 min  
Response: 44865760  
Conc: 11.20 ng/ml



#3 gamma-BHC (Lindane)

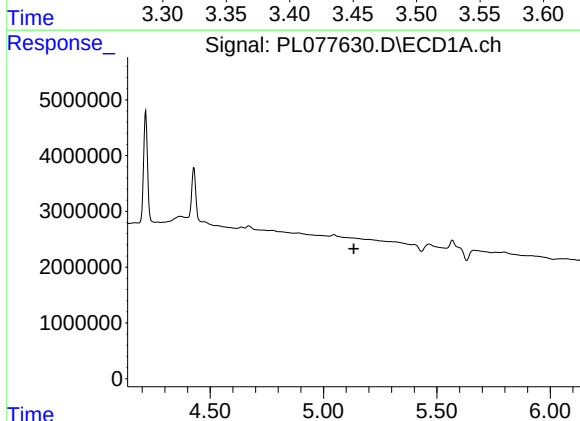
R.T.: 4.216 min  
Delta R.T.: -0.001 min  
Response: 23598918  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



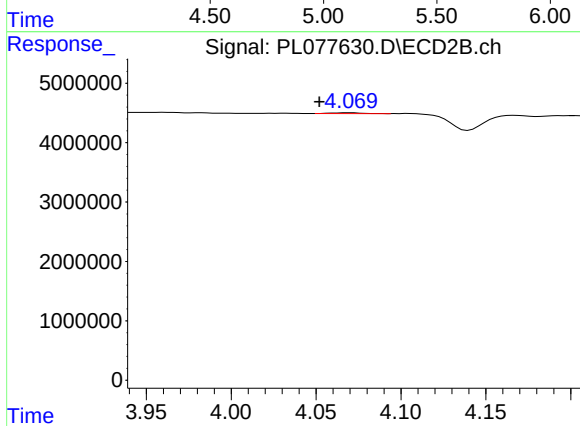
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: -0.002 min  
Response: 40491048  
Conc: 12.95 ng/ml



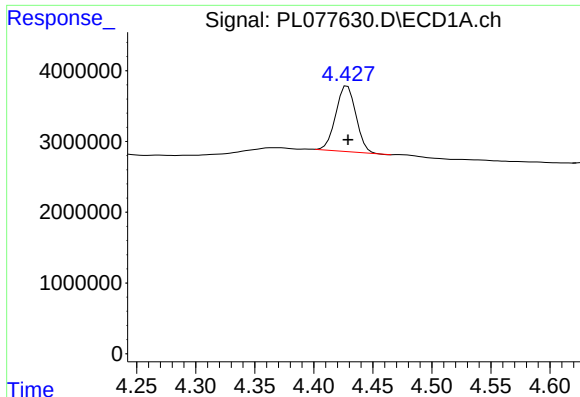
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.133 min  
Response: 0  
Conc: N.D.



#5 Aldrin

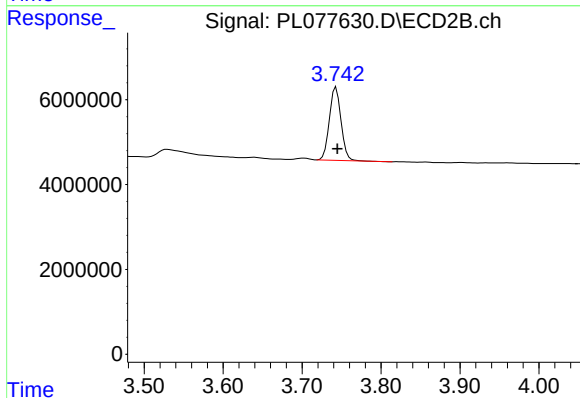
R.T.: 4.070 min  
Delta R.T.: 0.018 min  
Response: 152091  
Conc: 0.05 ng/ml



#6 beta-BHC

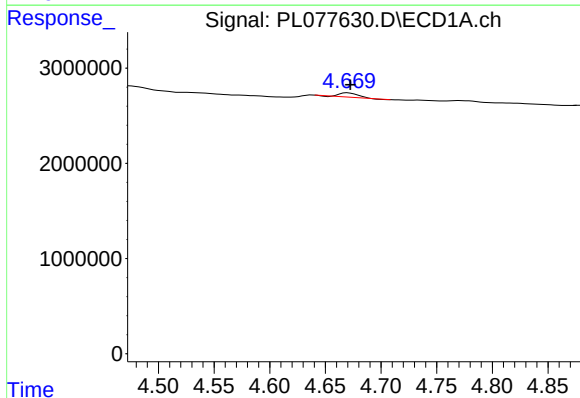
R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 11057490  
Conc: 10.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



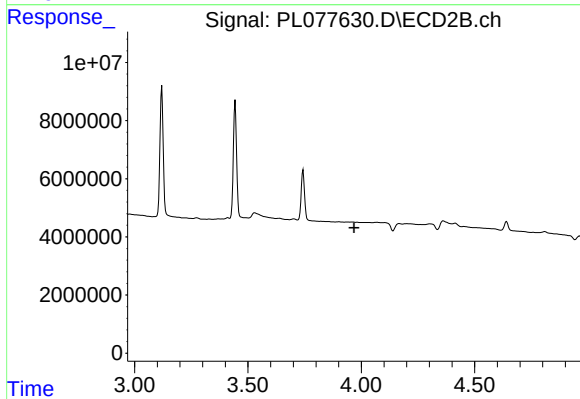
#6 beta-BHC

R.T.: 3.743 min  
Delta R.T.: -0.002 min  
Response: 17773339  
Conc: 12.42 ng/ml



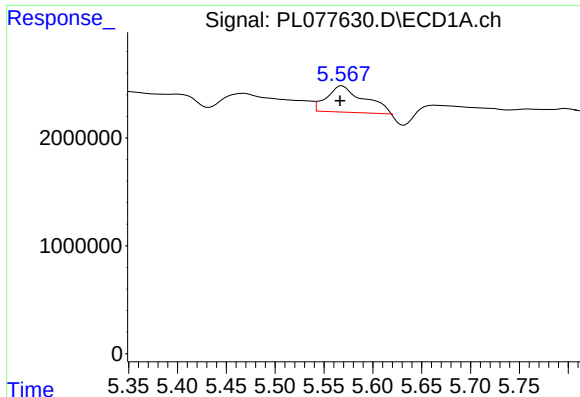
#7 delta-BHC

R.T.: 4.670 min  
Delta R.T.: -0.002 min  
Response: 392000  
Conc: 0.21 ng/ml



#7 delta-BHC

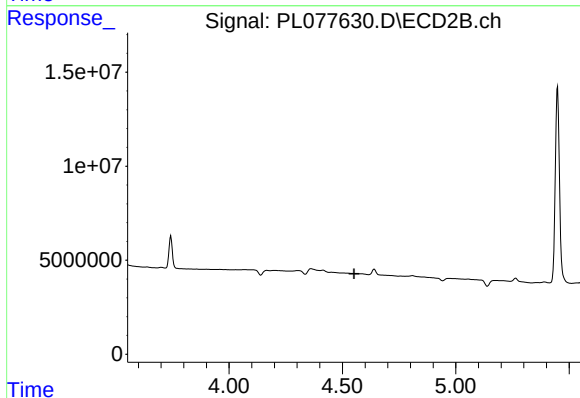
R.T.: 0.000 min  
Exp R.T. : 3.968 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

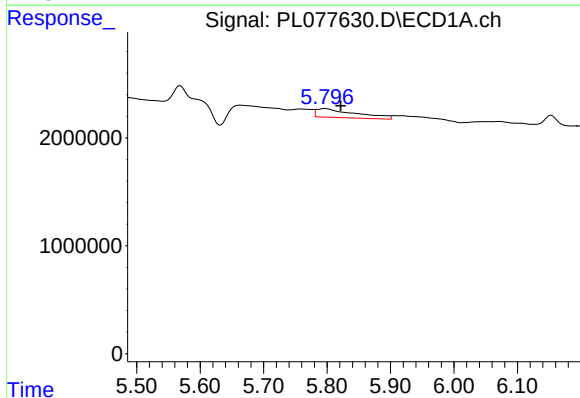
R.T.: 5.569 min  
Delta R.T.: 0.002 min  
Response: 6319224  
Conc: 3.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



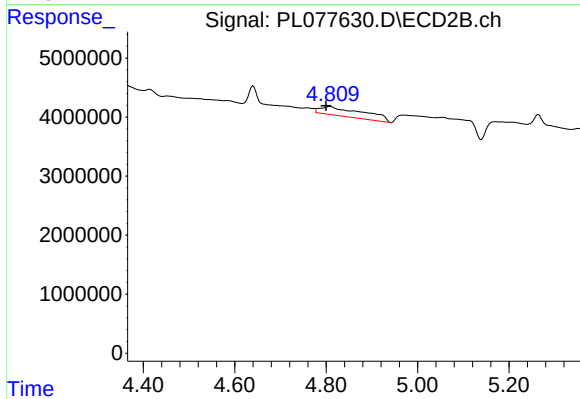
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.551 min  
Response: 0  
Conc: N.D.



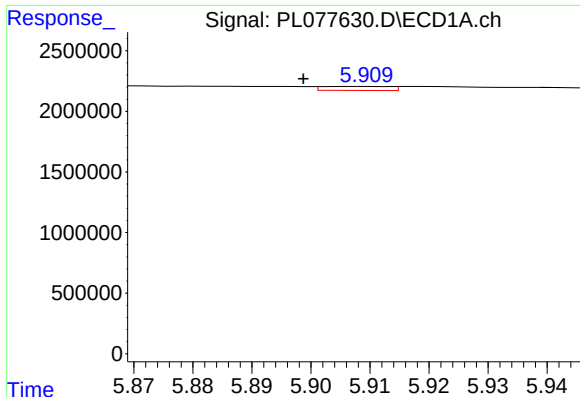
#10 gamma-Chlordane

R.T.: 5.797 min  
Delta R.T.: -0.024 min  
Response: 3500463  
Conc: 1.87 ng/ml



#10 gamma-Chlordane

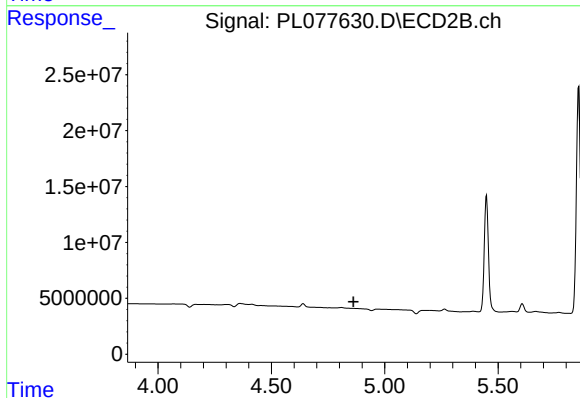
R.T.: 4.809 min  
Delta R.T.: 0.009 min  
Response: 10235263  
Conc: 3.65 ng/ml



#11 alpha-Chlordane

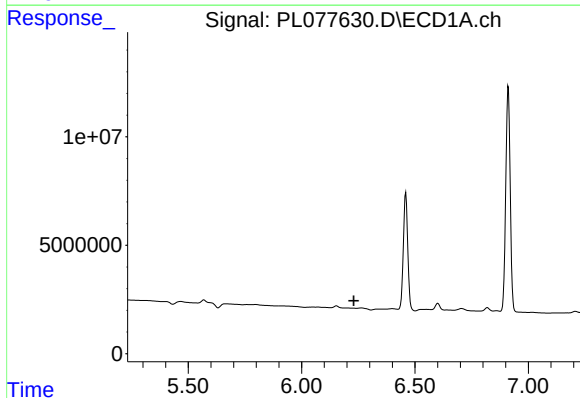
R.T.: 5.909 min  
Delta R.T.: 0.010 min  
Response: 266809  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



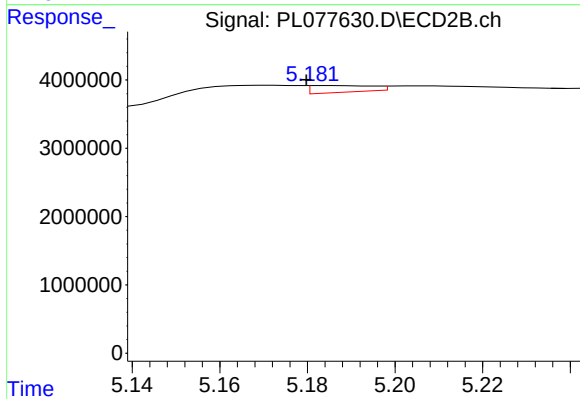
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



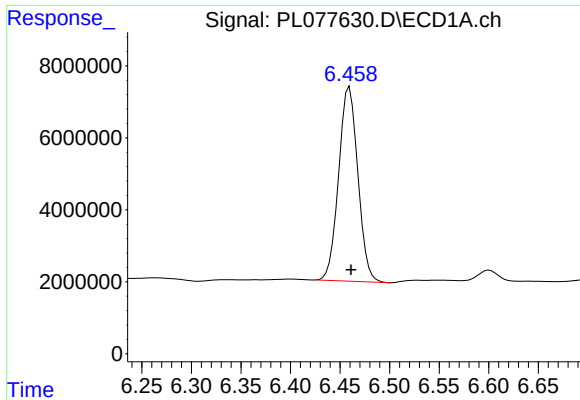
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.230 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

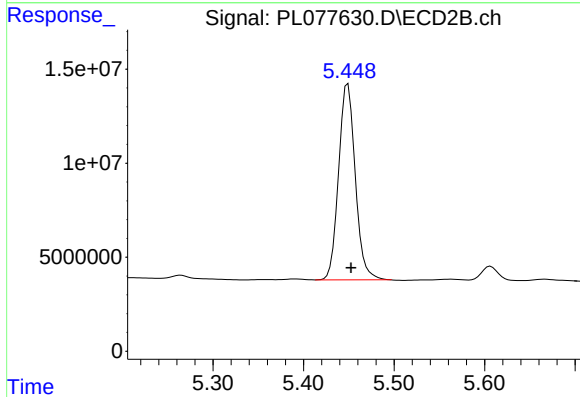
R.T.: 5.184 min  
Delta R.T.: 0.005 min  
Response: 974830  
Conc: 0.36 ng/ml



#14 Endrin

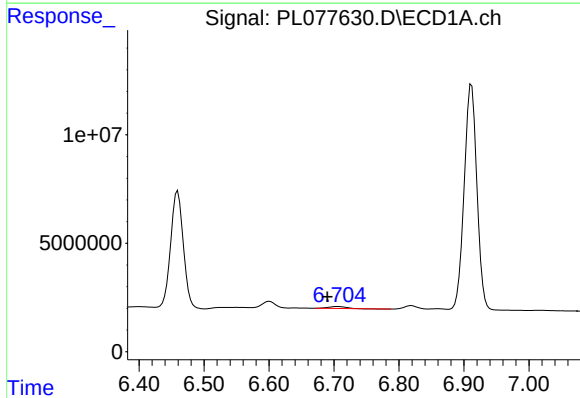
R.T.: 6.460 min  
Delta R.T.: -0.002 min  
Response: 72839303  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



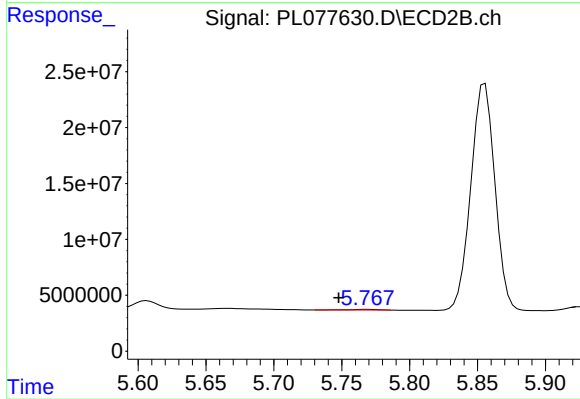
#14 Endrin

R.T.: 5.449 min  
Delta R.T.: -0.004 min  
Response: 133471998  
Conc: 64.75 ng/ml



#15 Endosulfan II

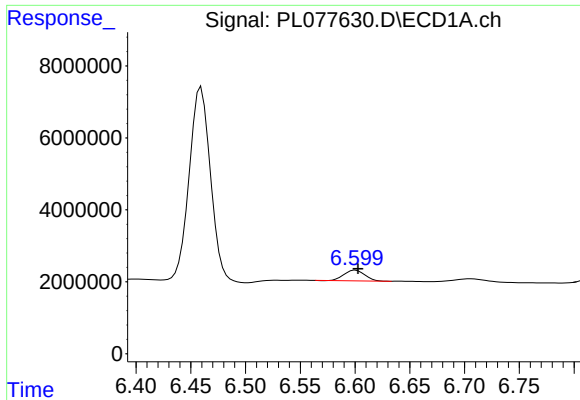
R.T.: 6.706 min  
Delta R.T.: 0.016 min  
Response: 1741045  
Conc: 1.07 ng/ml



#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: 0.021 min  
Response: 725332  
Conc: 0.31 ng/ml

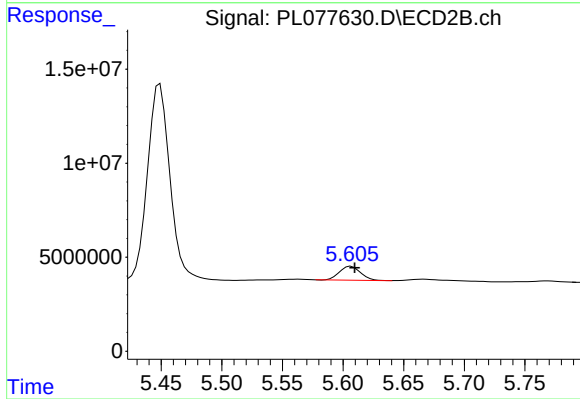




#16 4,4'-DDD

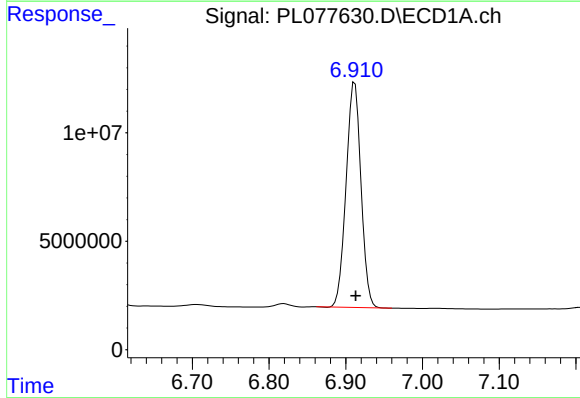
R.T.: 6.601 min  
Delta R.T.: -0.002 min  
Response: 3955895  
Conc: 2.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



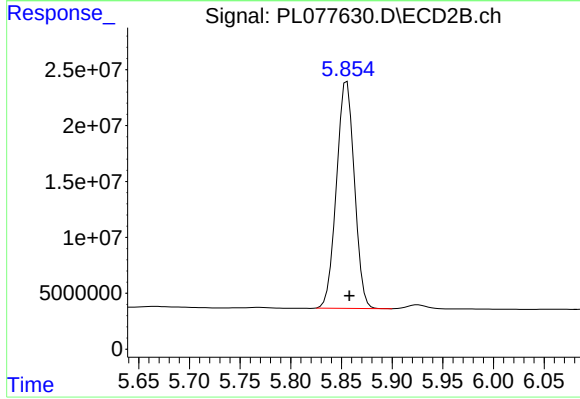
#16 4,4'-DDD

R.T.: 5.607 min  
Delta R.T.: -0.003 min  
Response: 9058123  
Conc: 4.40 ng/ml



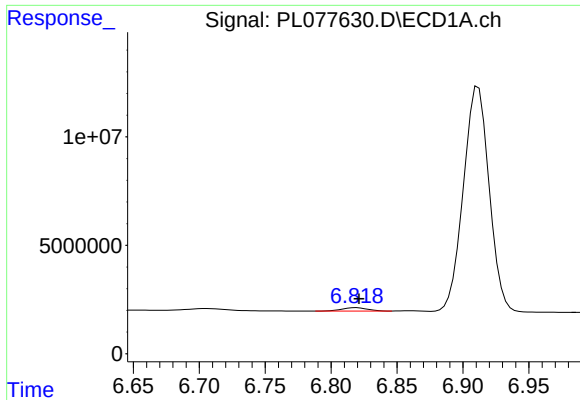
#17 4,4'-DDT

R.T.: 6.912 min  
Delta R.T.: -0.001 min  
Response: 140785975  
Conc: 88.80 ng/ml



#17 4,4'-DDT

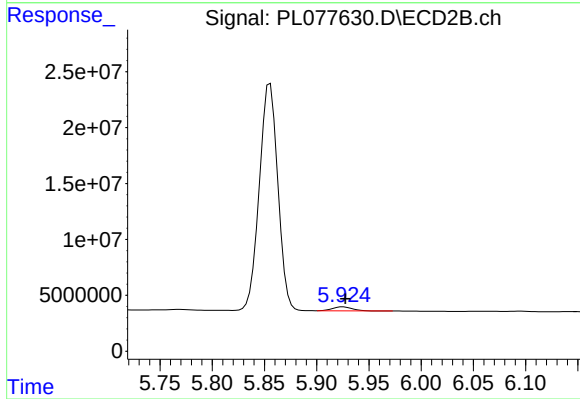
R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 249630995  
Conc: 116.94 ng/ml



#18 Endrin aldehyde

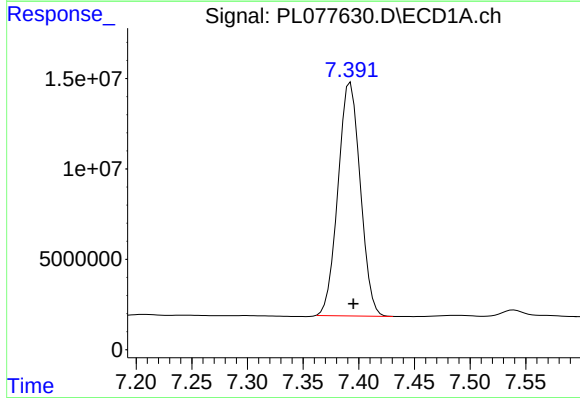
R.T.: 6.819 min  
Delta R.T.: -0.002 min  
Response: 2094399  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



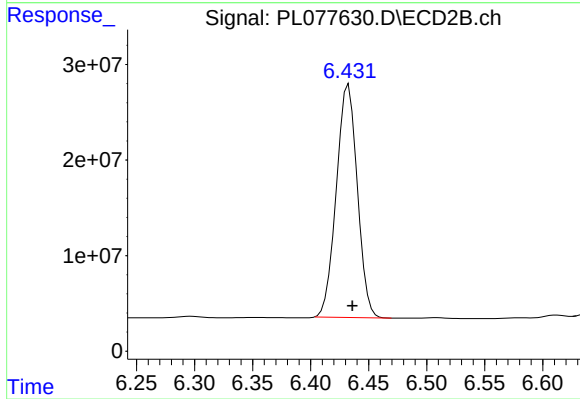
#18 Endrin aldehyde

R.T.: 5.925 min  
Delta R.T.: -0.002 min  
Response: 4526584  
Conc: 2.60 ng/ml



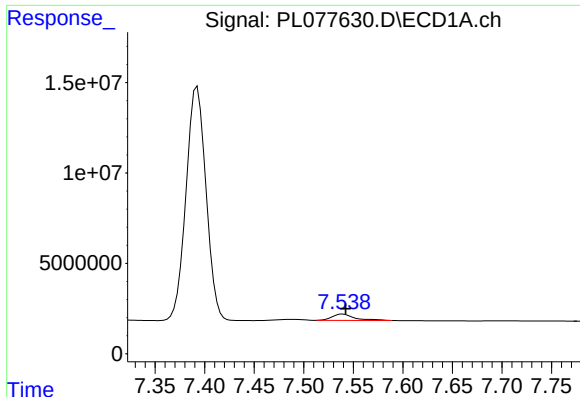
#20 Methoxychlor

R.T.: 7.393 min  
Delta R.T.: -0.003 min  
Response: 179931118  
Conc: 226.84 ng/ml



#20 Methoxychlor

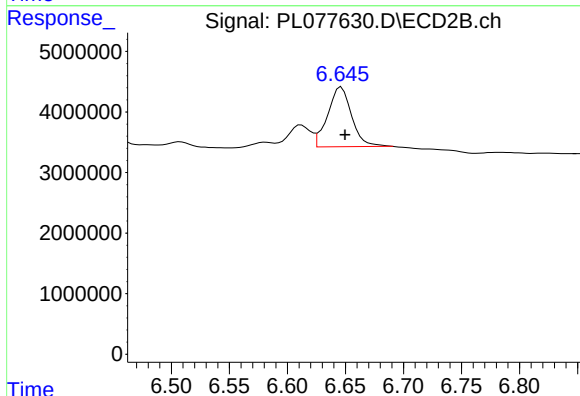
R.T.: 6.433 min  
Delta R.T.: -0.003 min  
Response: 307038085  
Conc: 261.29 ng/ml



#21 Endrin ketone

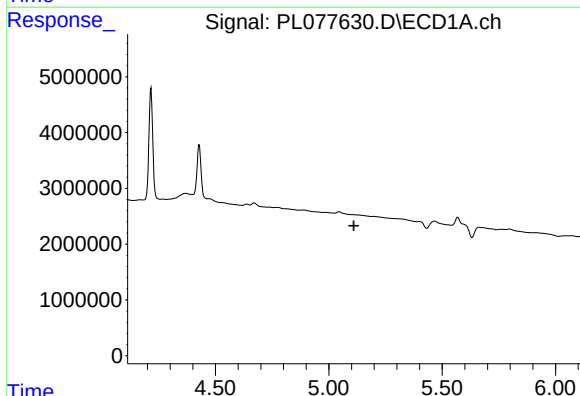
R.T.: 7.540 min  
Delta R.T.: -0.003 min  
Response: 5432887  
Conc: 3.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



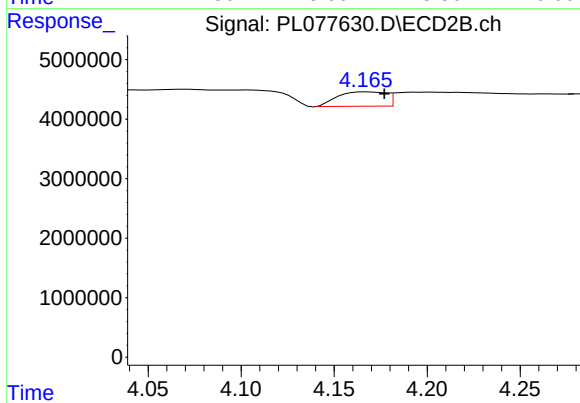
#21 Endrin ketone

R.T.: 6.646 min  
Delta R.T.: -0.003 min  
Response: 14144427  
Conc: 5.83 ng/ml



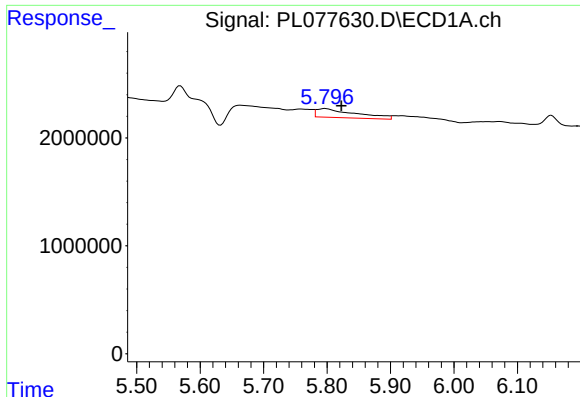
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.111 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

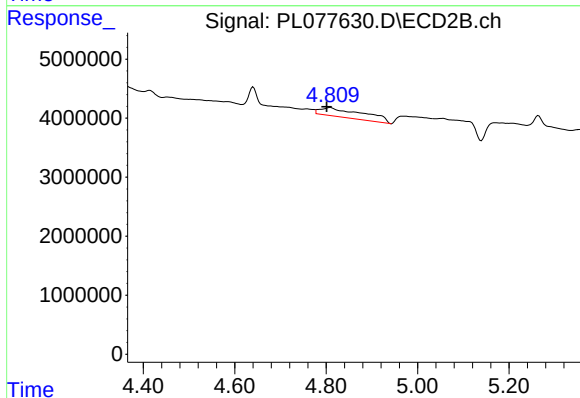
R.T.: 4.167 min  
Delta R.T.: -0.010 min  
Response: 4397915  
Conc: 44.65 ng/ml



#25 Chlordane-3

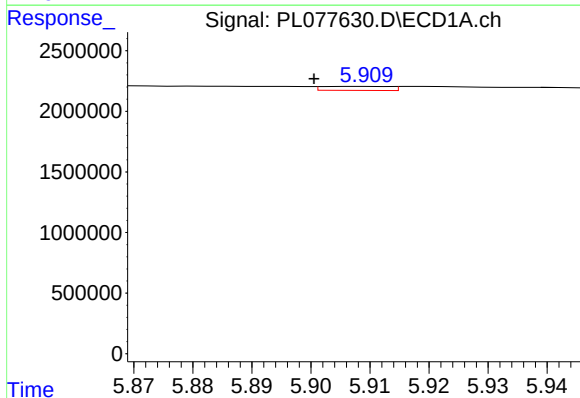
R.T.: 5.797 min  
Delta R.T.: -0.025 min  
Response: 3500463  
Conc: 12.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



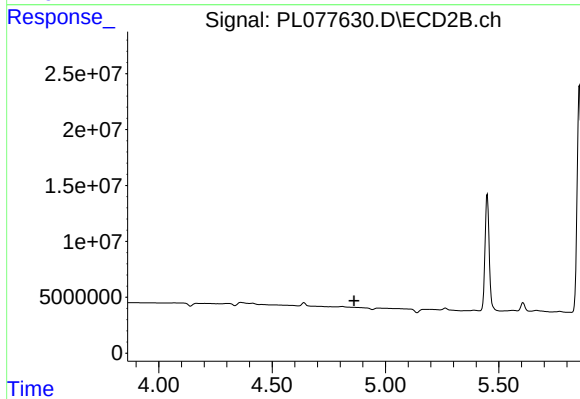
#25 Chlordane-3

R.T.: 4.809 min  
Delta R.T.: 0.008 min  
Response: 10235263  
Conc: 35.83 ng/ml



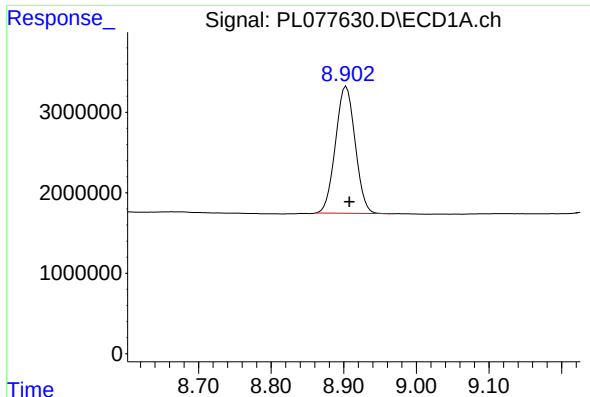
#26 Chlordane-4

R.T.: 5.909 min  
Delta R.T.: 0.009 min  
Response: 266809  
Conc: 0.80 ng/ml



#26 Chlordane-4

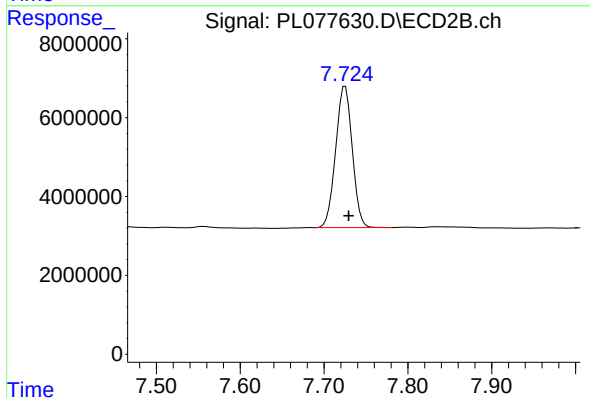
R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.903 min  
Delta R.T.: -0.004 min  
Response: 29632087  
Conc: 19.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 7.725 min  
Delta R.T.: -0.004 min  
Response: 49318623  
Conc: 25.01 ng/ml