

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
 Data File : PL094109.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Feb 2025 10:41  
 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: Feb 10 21:07:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|---------|
| -----                       |                 |        |        |          |          |         |         |
| System Monitoring Compounds |                 |        |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.539  | 2.774  | 63806146 | 75861662 | 23.695  | 23.241  |
| 28)                         | SA Decachlor... | 9.053  | 7.908  | 47102142 | 78679235 | 22.516  | 22.454  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.994  | 3.276  | 47773215 | 54595814 | 12.461  | 11.167  |
| 3)                          | MA gamma-BHC... | 4.327  | 3.606  | 44876996 | 51702457 | 12.185  | 10.905  |
| 5)                          | MB Aldrin       | 0.000  | 4.238  | 0        | 413044   | N.D.    | 0.091 # |
| 6)                          | B beta-BHC      | 4.526  | 3.906  | 20484770 | 25149996 | 12.745  | 12.591  |
| 7)                          | B delta-BHC     | 0.000  | 4.133  | 0        | 288599   | N.D.    | 0.061 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.720  | 0        | 36219    | N.D.    | 0.009 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.078f | 0        | 1082000  | N.D.    | 0.279 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.985  | 0        | 3960487  | N.D.    | 0.935 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.020f | 0        | 471121   | N.D.    | 0.113 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.228  | 0        | 594092   | N.D.    | 0.148 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.350  | 0        | 34616    | N.D.    | 0.008 # |
| 14)                         | MA Endrin       | 6.574  | 5.636  | 122.6E6  | 210.3E6  | 52.266  | 56.950  |
| 15)                         | B Endosulfa...  | 6.810f | 5.944  | 3326238  | 617892   | 1.381   | 0.167 # |
| 16)                         | A 4,4'-DDD      | 6.709  | 5.784  | 6082444  | 4043865  | 3.200   | 1.281 # |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.034  | 221.7E6  | 428.3E6  | 112.444 | 131.610 |
| 18)                         | B Endrin al...  | 6.923  | 6.109  | 2993941  | 6691323  | 1.540   | 2.198 # |
| 20)                         | A Methoxychlor  | 7.499  | 6.608  | 271.0E6  | 486.3E6  | 259.730 | 271.945 |
| 21)                         | B Endrin ke...  | 7.642  | 6.836  | 6780190  | 11650337 | 2.688   | 2.777   |
| 23)                         | Chlordane-1     | 0.000  | 3.774  | 0        | 48645    | N.D.    | 0.390 # |
| 24)                         | Chlordane-2     | 0.000  | 4.363  | 0        | 201369   | N.D.    | 1.372 # |
| 25)                         | Chlordane-3     | 0.000  | 4.985  | 0        | 3960487  | N.D.    | 9.108 # |
| 26)                         | Chlordane-4     | 0.000  | 5.020f | 0        | 471121   | N.D.    | 1.112 # |
| 27)                         | Chlordane-5     | 0.000  | 5.944  | 0        | 617892   | N.D.    | 4.034 # |
| -----                       |                 |        |        |          |          |         |         |

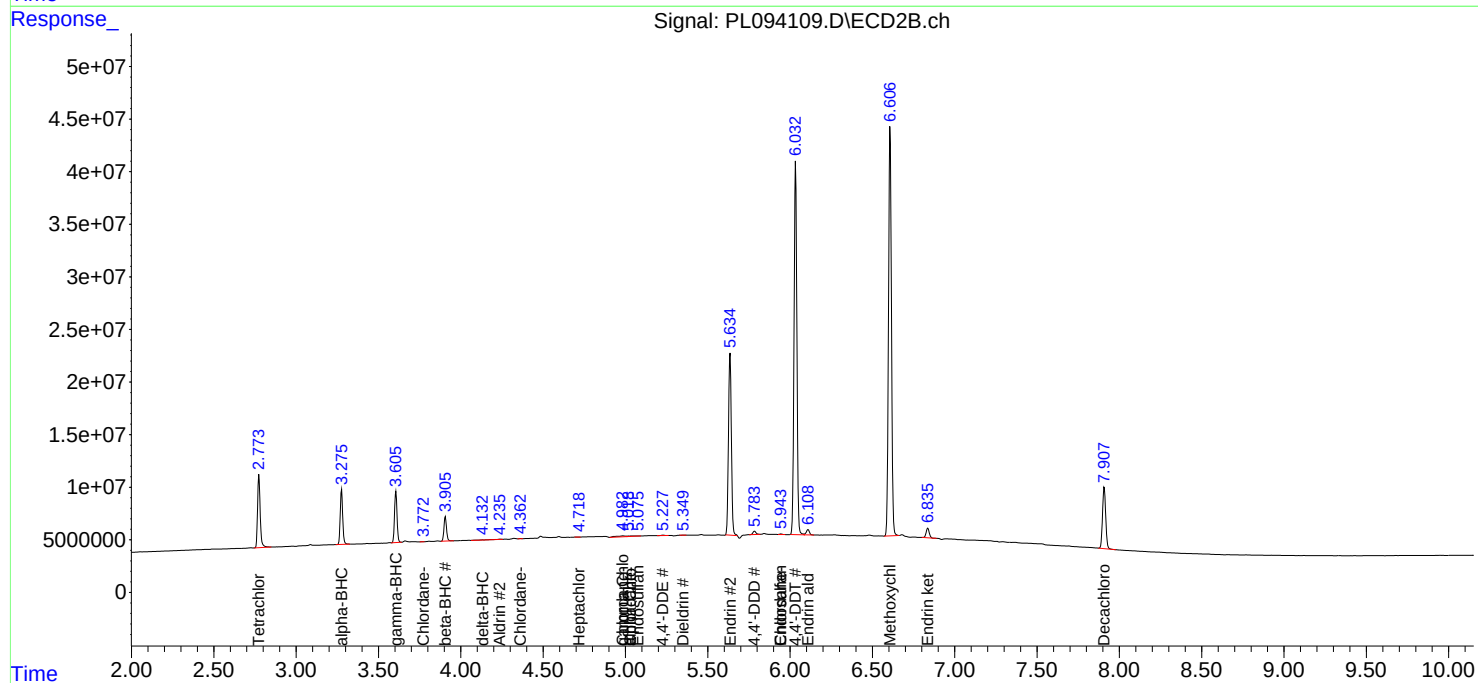
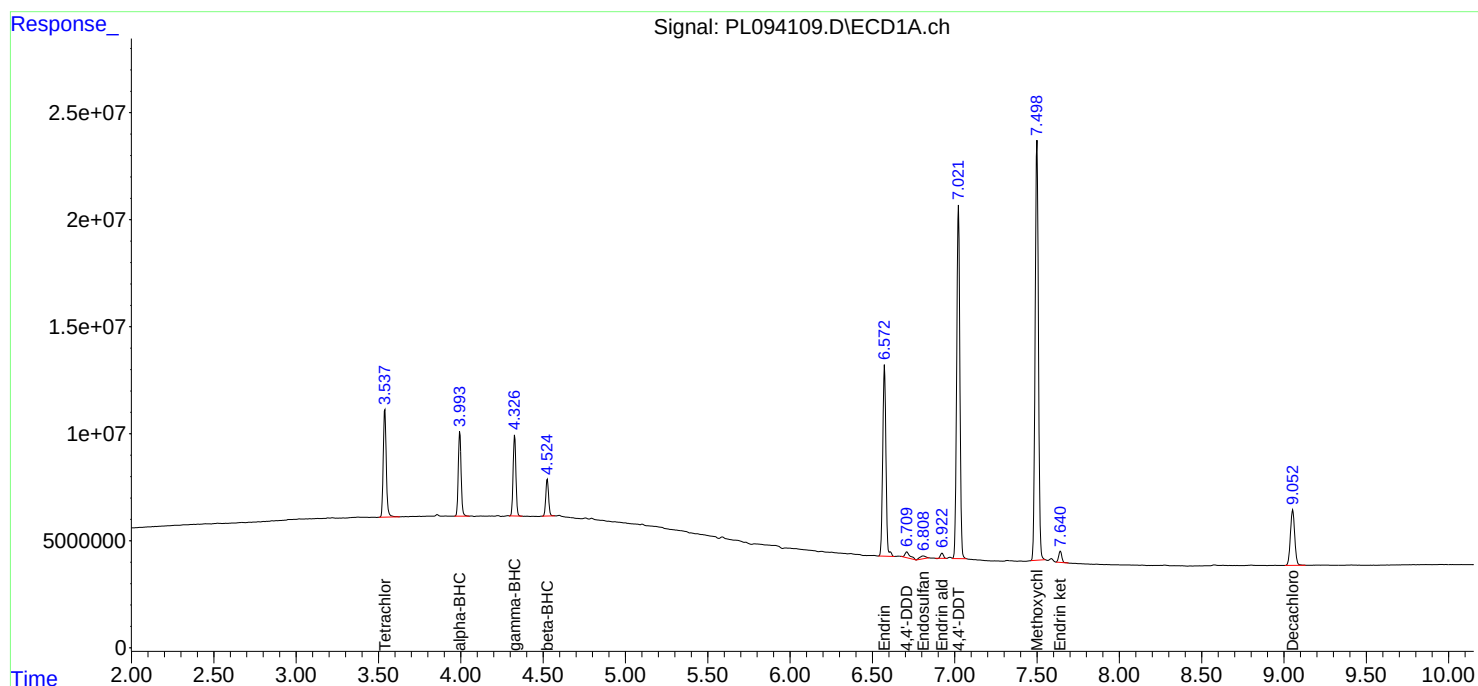
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

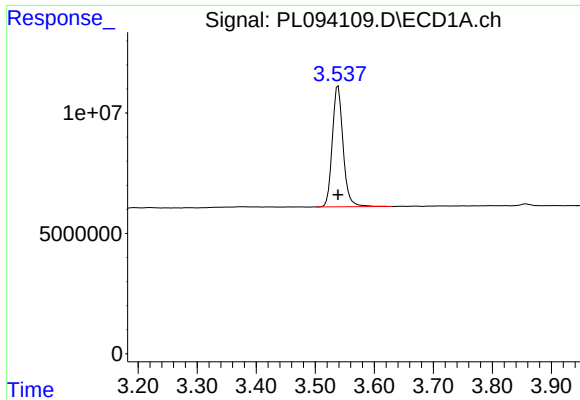
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021025\  
Data File : PL094109.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Feb 2025 10:41  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 10 21:07:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

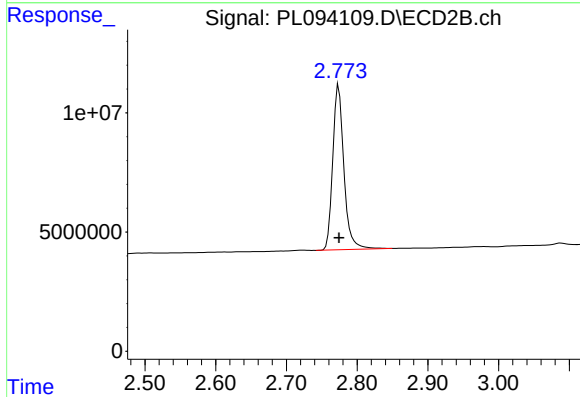




#1 Tetrachloro-m-xylene

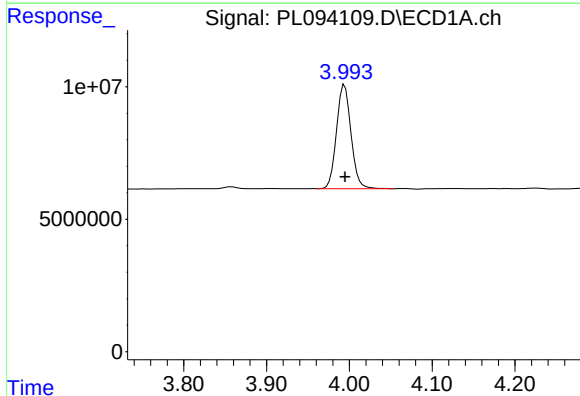
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 63806146  
Conc: 23.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



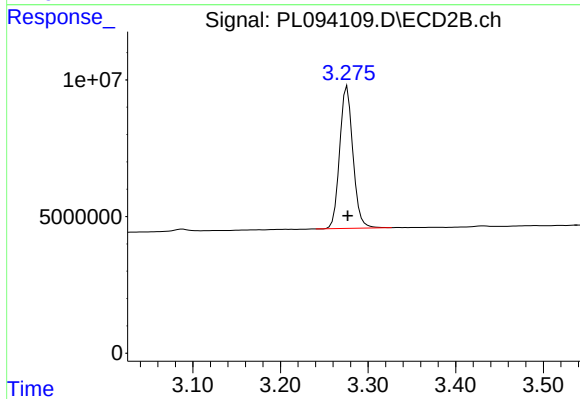
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 75861662  
Conc: 23.24 ng/ml



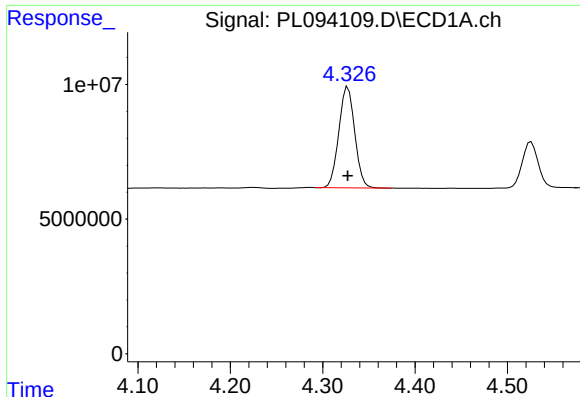
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 47773215  
Conc: 12.46 ng/ml



#2 alpha-BHC

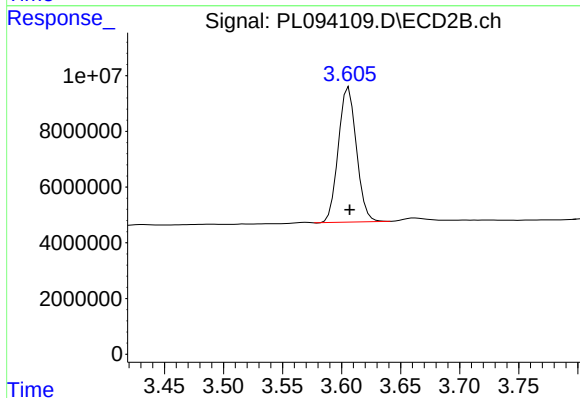
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 54595814  
Conc: 11.17 ng/ml



#3 gamma-BHC (Lindane)

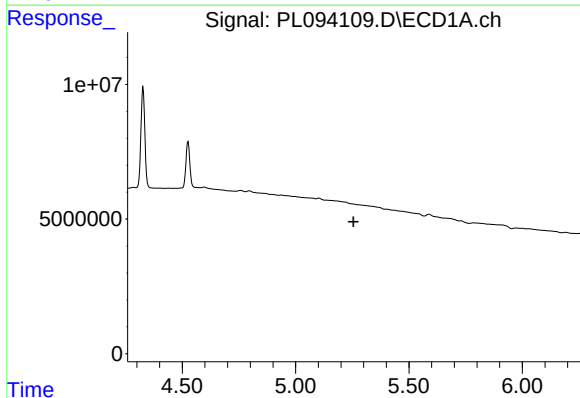
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 44876996  
Conc: 12.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



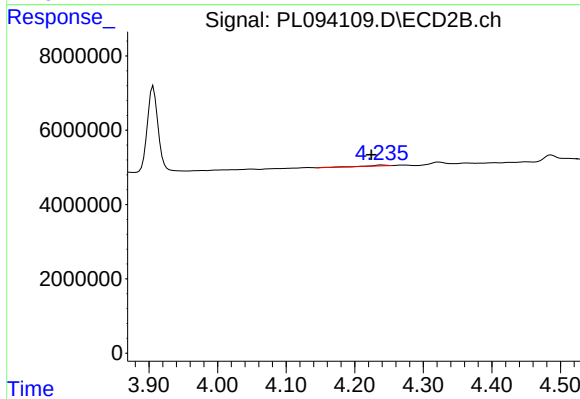
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 51702457  
Conc: 10.90 ng/ml



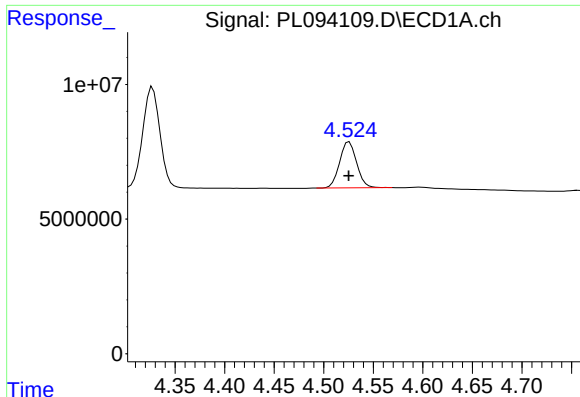
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.256 min  
Response: 0  
Conc: N.D.



#5 Aldrin

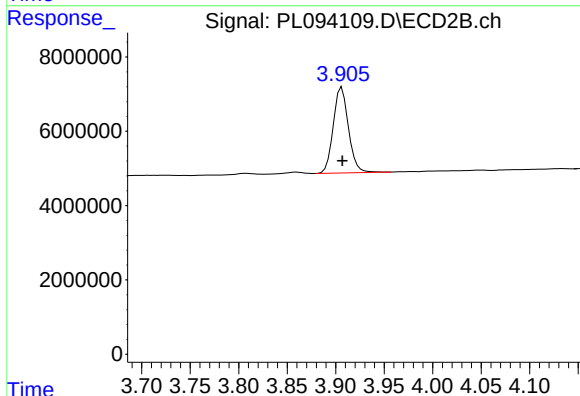
R.T.: 4.238 min  
Delta R.T.: 0.014 min  
Response: 413044  
Conc: 0.09 ng/ml



#6 beta-BHC

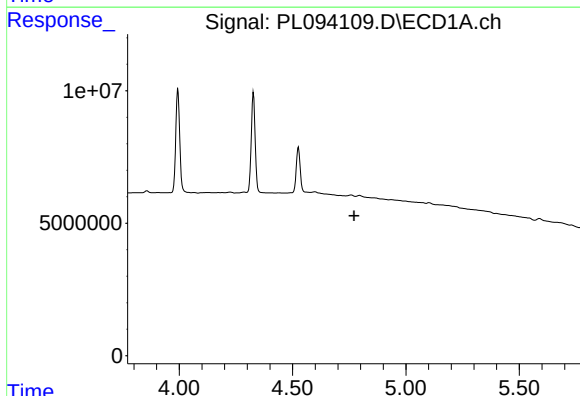
R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 20484770  
Conc: 12.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



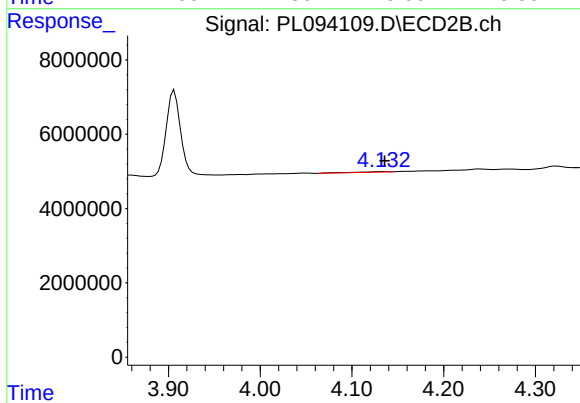
#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 25149996  
Conc: 12.59 ng/ml



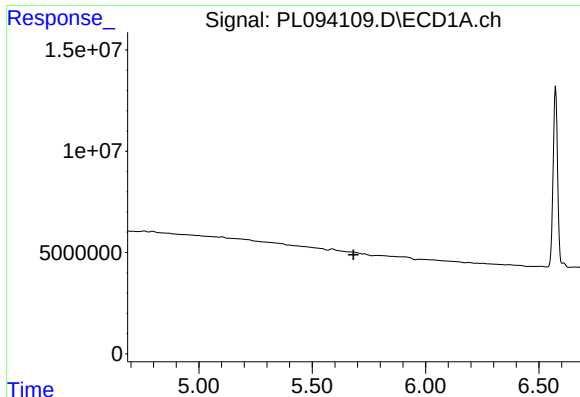
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.772 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

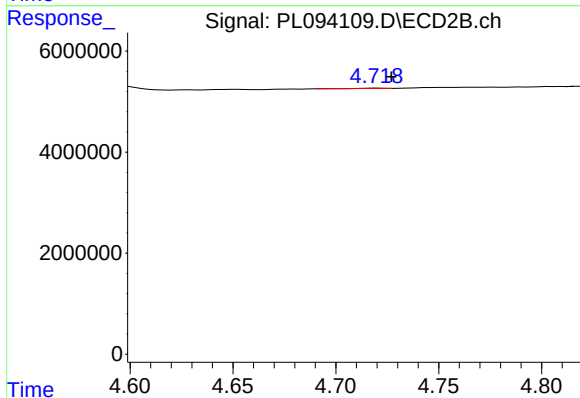
R.T.: 4.133 min  
Delta R.T.: -0.002 min  
Response: 288599  
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

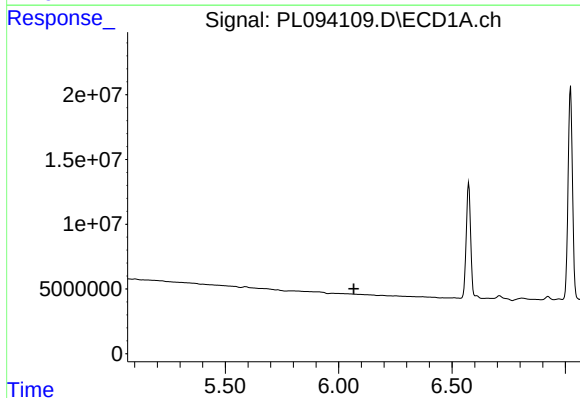
R.T.: 0.000 min  
Exp R.T.: 5.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



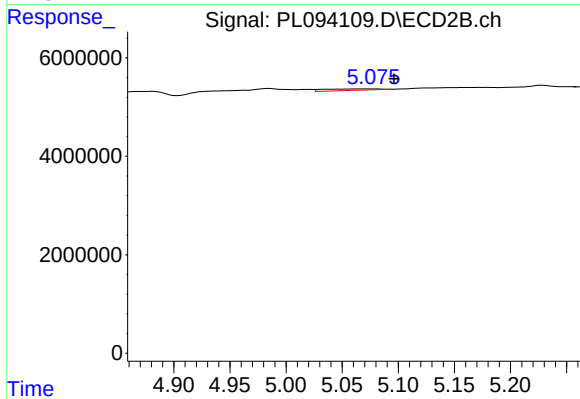
#8 Heptachlor epoxide

R.T.: 4.720 min  
Delta R.T.: -0.007 min  
Response: 36219  
Conc: 0.01 ng/ml



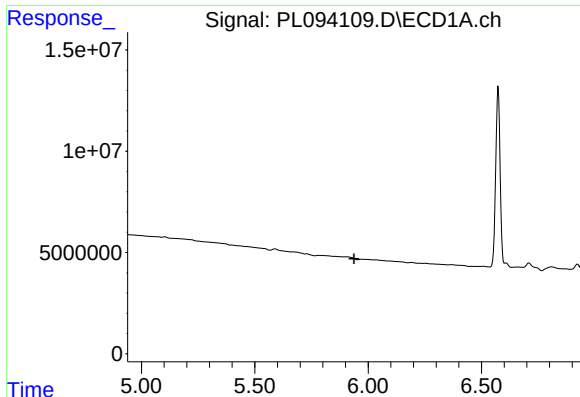
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.067 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

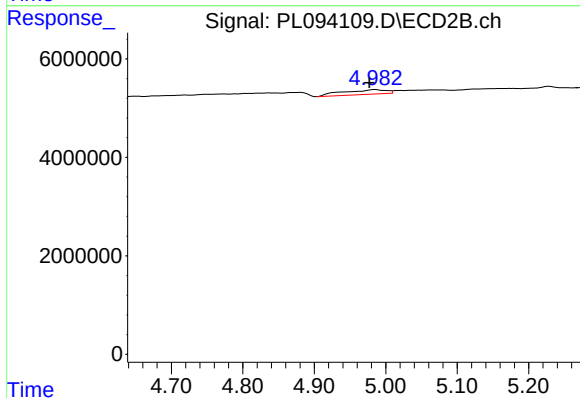
R.T.: 5.078 min  
Delta R.T.: -0.019 min  
Response: 1082000  
Conc: 0.28 ng/ml



#10 gamma-Chlordane

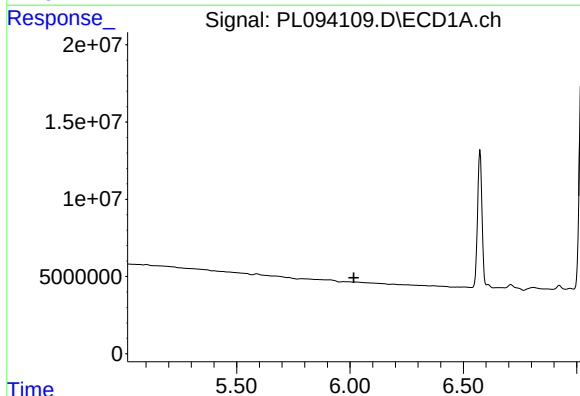
R.T.: 0.000 min  
Exp R.T.: 5.938 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



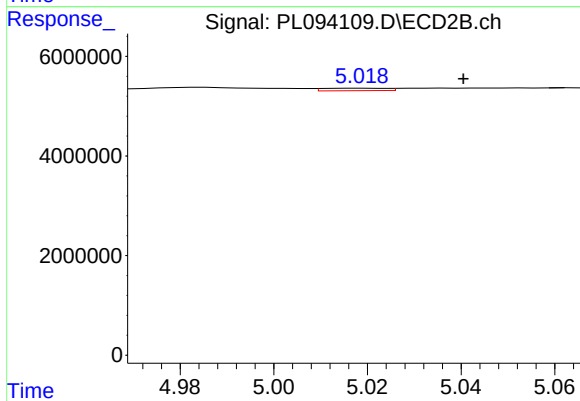
#10 gamma-Chlordane

R.T.: 4.985 min  
Delta R.T.: 0.007 min  
Response: 3960487  
Conc: 0.93 ng/ml



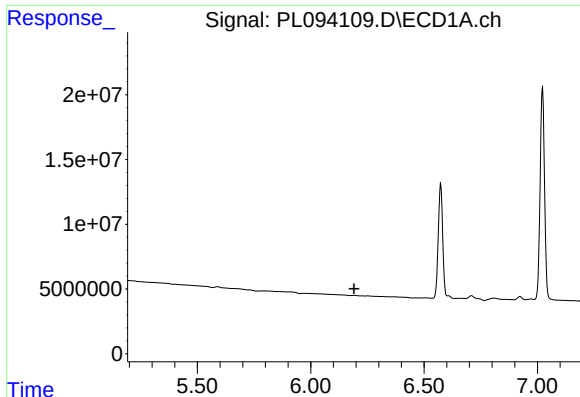
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.017 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

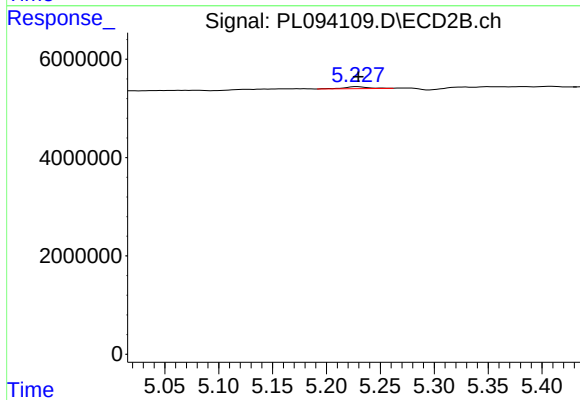
R.T.: 5.020 min  
Delta R.T.: -0.021 min  
Response: 471121  
Conc: 0.11 ng/ml



#12 4,4'-DDE

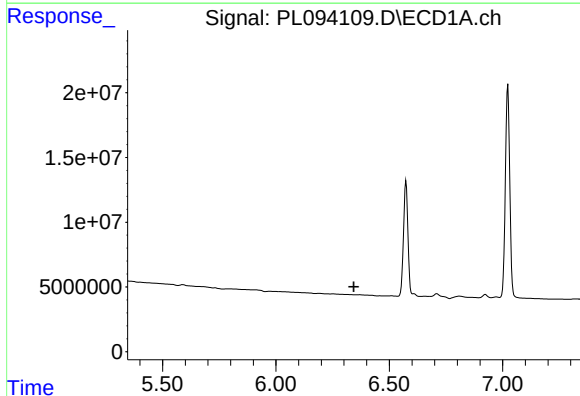
R.T.: 0.000 min  
Exp R.T.: 6.191 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



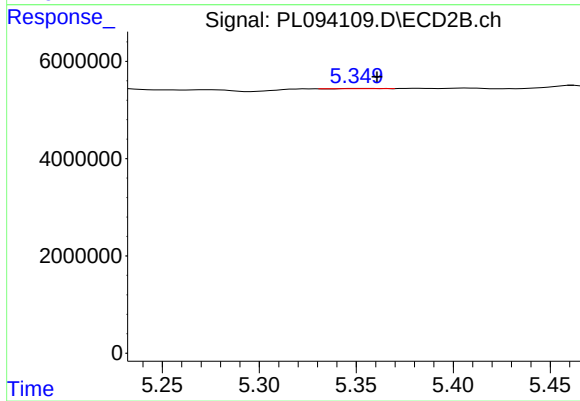
#12 4,4'-DDE

R.T.: 5.228 min  
Delta R.T.: -0.001 min  
Response: 594092  
Conc: 0.15 ng/ml



#13 Dieldrin

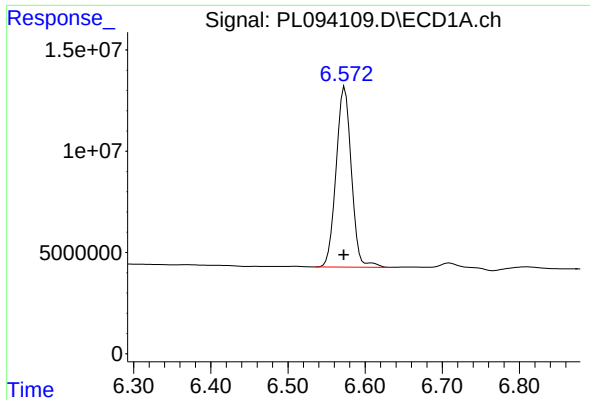
R.T.: 0.000 min  
Exp R.T.: 6.343 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: -0.010 min  
Response: 34616  
Conc: 0.01 ng/ml

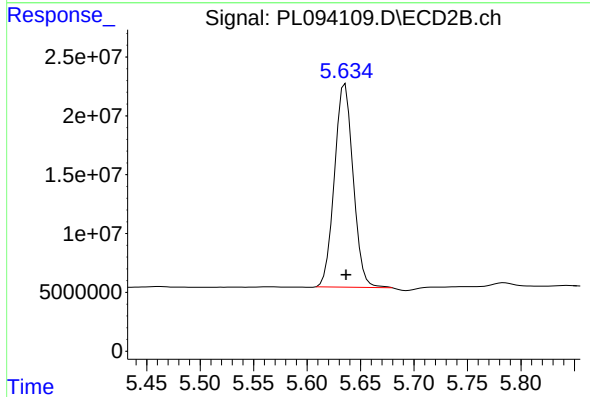




#14 Endrin

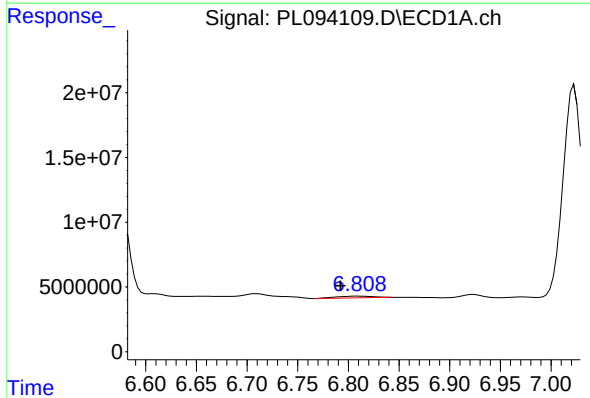
R.T.: 6.574 min  
Delta R.T.: 0.001 min  
Response: 122553653  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



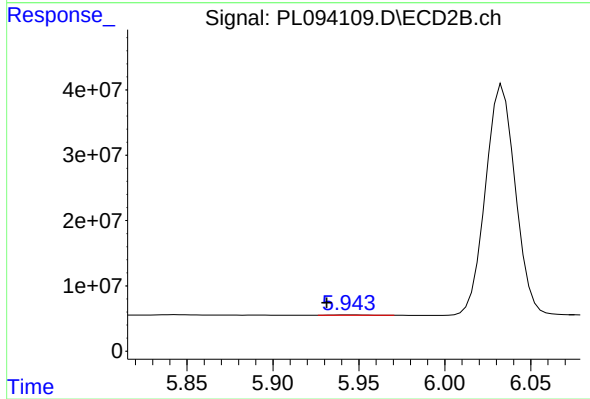
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 210297230  
Conc: 56.95 ng/ml



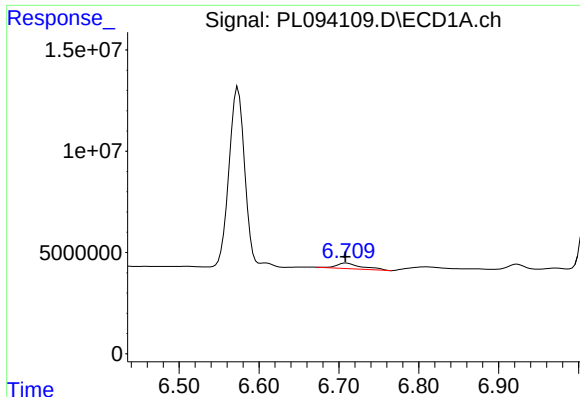
#15 Endosulfan II

R.T.: 6.810 min  
Delta R.T.: 0.018 min  
Response: 3326238  
Conc: 1.38 ng/ml



#15 Endosulfan II

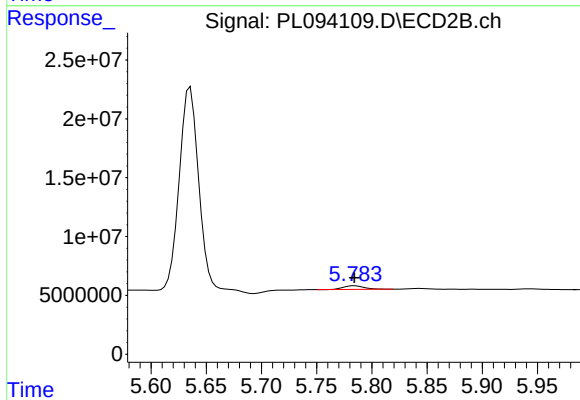
R.T.: 5.944 min  
Delta R.T.: 0.013 min  
Response: 617892  
Conc: 0.17 ng/ml



#16 4,4'-DDD

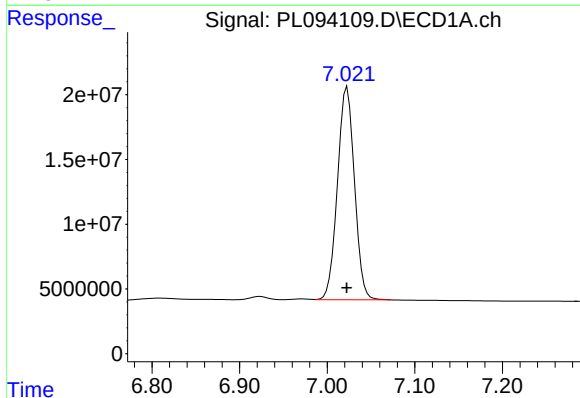
R.T.: 6.709 min  
Delta R.T.: 0.001 min  
Response: 6082444  
Conc: 3.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



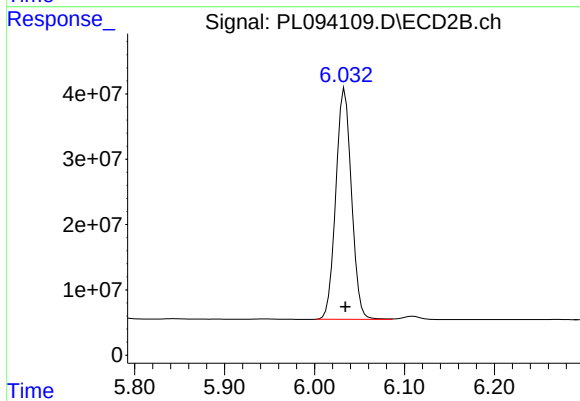
#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 4043865  
Conc: 1.28 ng/ml



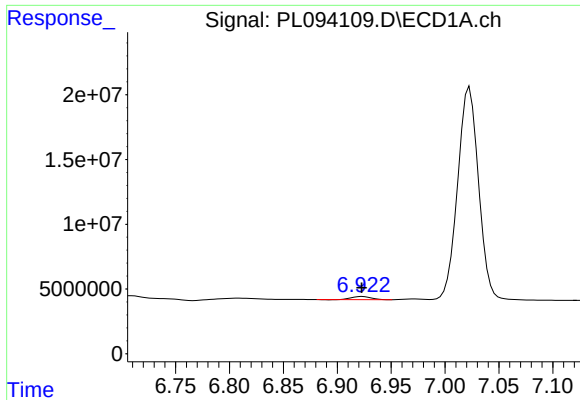
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 221746027  
Conc: 112.44 ng/ml



#17 4,4'-DDT

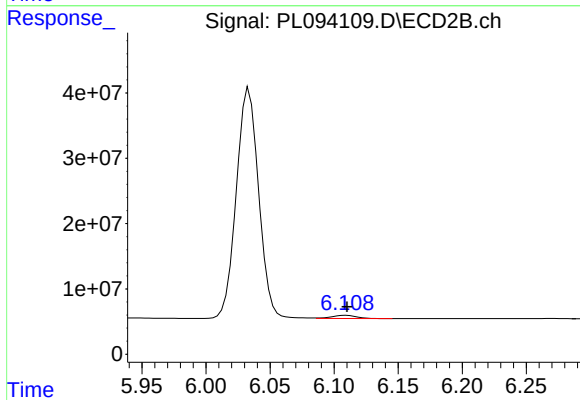
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 428265174  
Conc: 131.61 ng/ml



#18 Endrin aldehyde

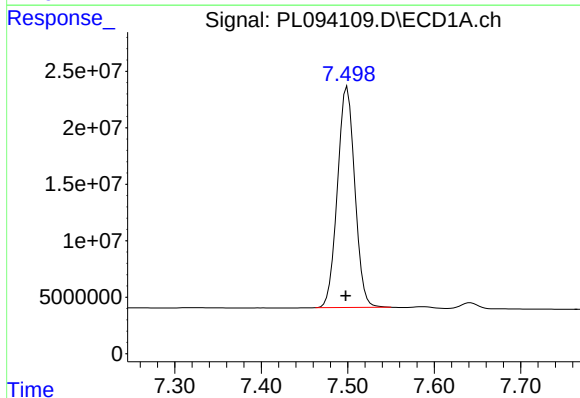
R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 2993941  
Conc: 1.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



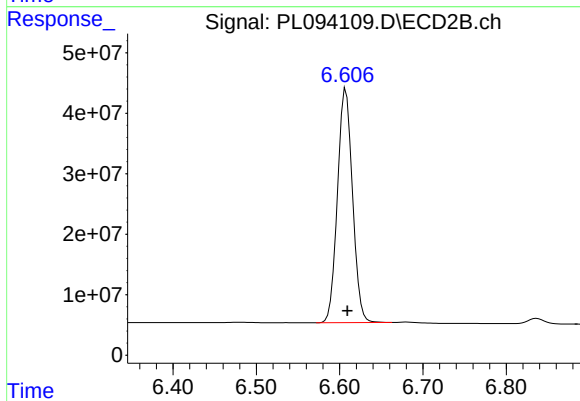
#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 6691323  
Conc: 2.20 ng/ml



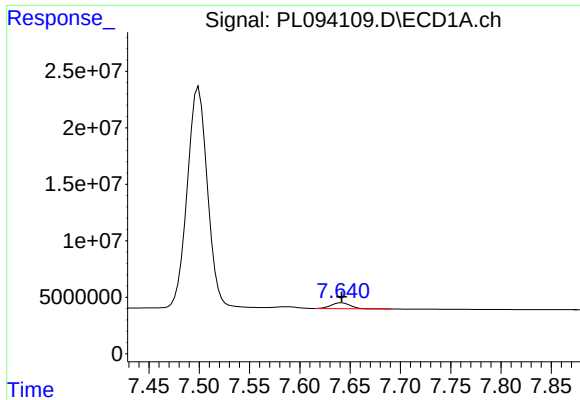
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: 0.002 min  
Response: 271001675  
Conc: 259.73 ng/ml



#20 Methoxychlor

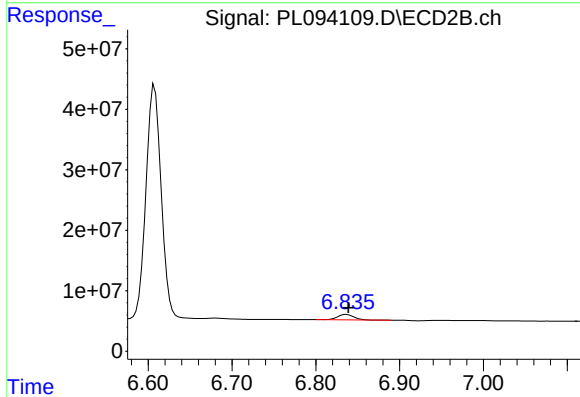
R.T.: 6.608 min  
Delta R.T.: -0.002 min  
Response: 486275032  
Conc: 271.95 ng/ml



#21 Endrin ketone

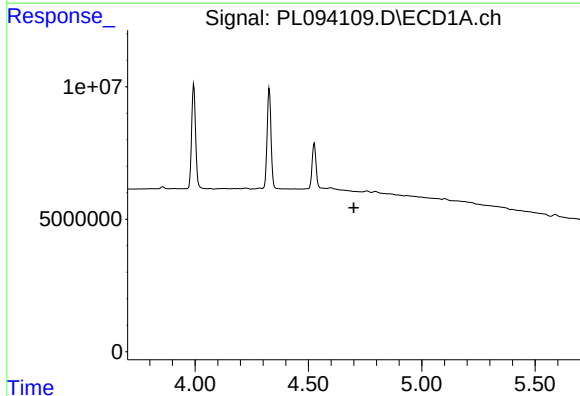
R.T.: 7.642 min  
Delta R.T.: 0.000 min  
Response: 6780190  
Conc: 2.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



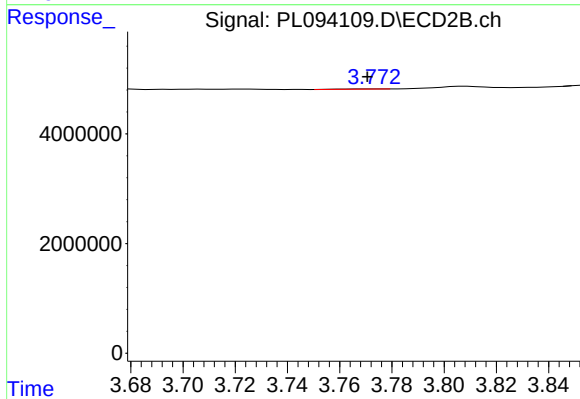
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: -0.003 min  
Response: 11650337  
Conc: 2.78 ng/ml



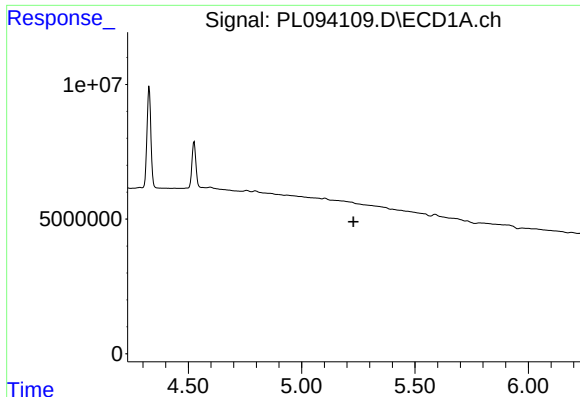
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.700 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

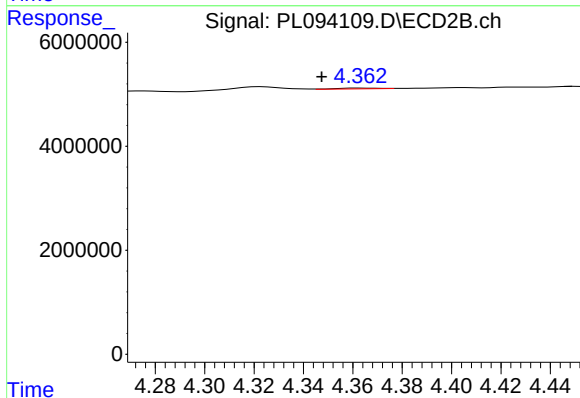
R.T.: 3.774 min  
Delta R.T.: 0.003 min  
Response: 48645  
Conc: 0.39 ng/ml



#24 Chlordane-2

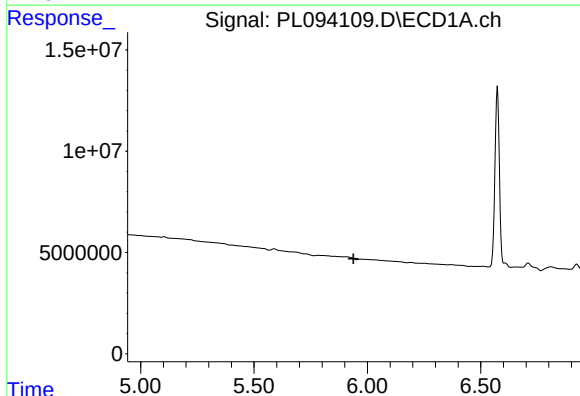
R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



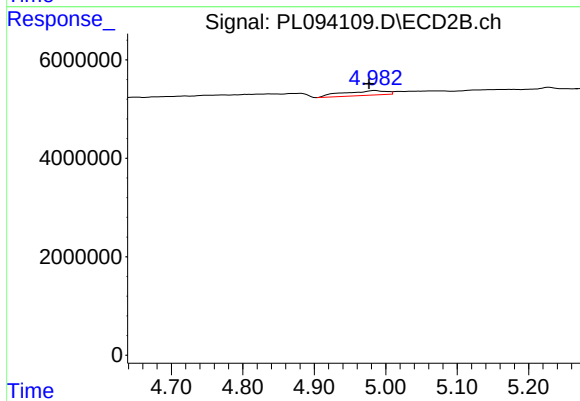
#24 Chlordane-2

R.T.: 4.363 min  
Delta R.T.: 0.016 min  
Response: 201369  
Conc: 1.37 ng/ml



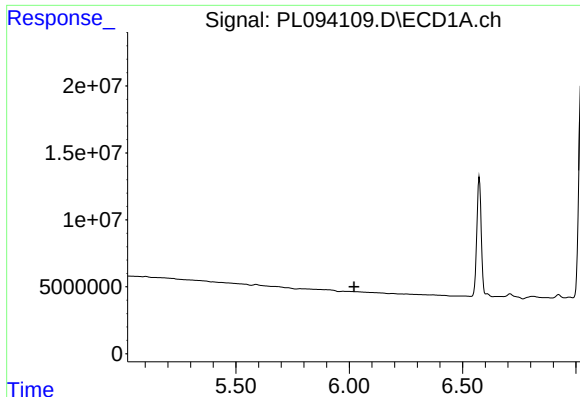
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.939 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

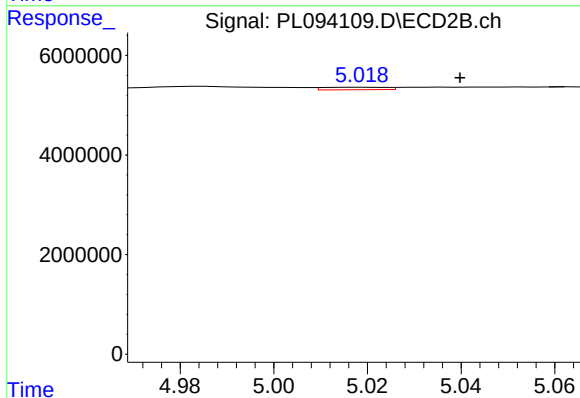
R.T.: 4.985 min  
Delta R.T.: 0.008 min  
Response: 3960487  
Conc: 9.11 ng/ml



#26 Chlordane-4

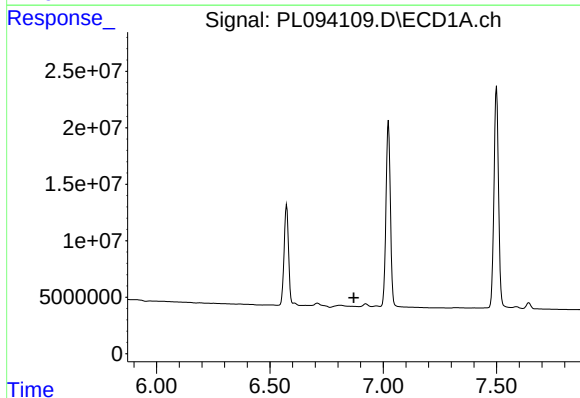
R.T.: 0.000 min  
Exp R.T.: 6.021 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



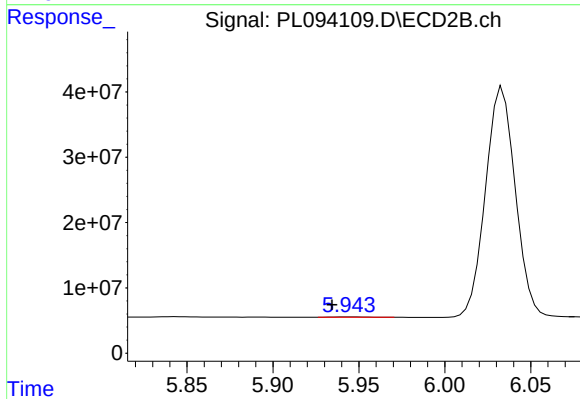
#26 Chlordane-4

R.T.: 5.020 min  
Delta R.T.: -0.020 min  
Response: 471121  
Conc: 1.11 ng/ml



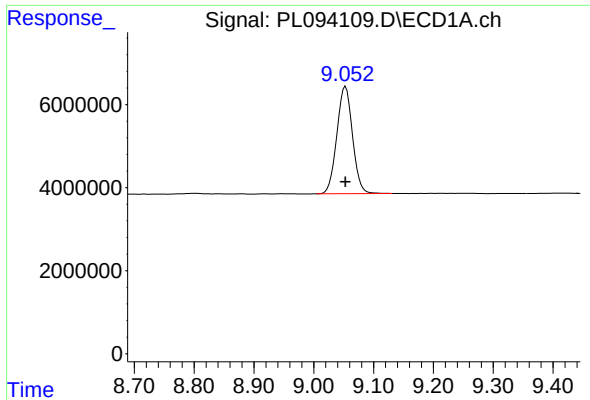
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.944 min  
Delta R.T.: 0.009 min  
Response: 617892  
Conc: 4.03 ng/ml



#28 Decachlorobiphenyl

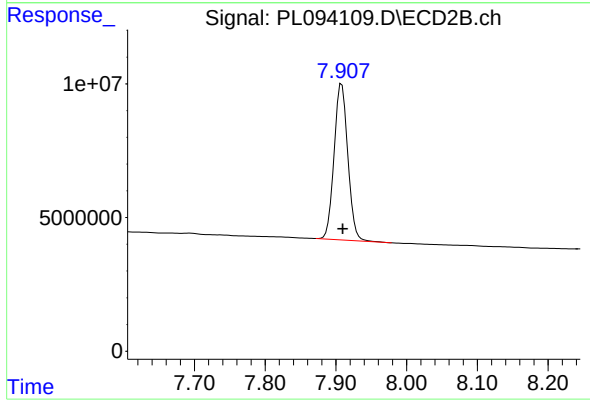
R.T.: 9.053 min

Delta R.T.: 0.000 min

Response: 47102142

Conc: 22.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 7.908 min

Delta R.T.: -0.002 min

Response: 78679235

Conc: 22.45 ng/ml