

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022125\  
 Data File : PL094324.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2025 10:29  
 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: Feb 21 13:22:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 13:20:18 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... | 3.536 | 2.771  | 47867576 | 59184811 | 18.852  | 18.546  |
| 28)                         | SA Decachlor... | 9.049 | 7.904  | 40873835 | 71371388 | 19.214  | 18.559  |
| Target Compounds            |                 |       |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.991 | 3.273  | 37928964 | 43396269 | 10.027  | 8.830   |
| 3)                          | MA gamma-BHC... | 4.324 | 3.603  | 36641276 | 40152666 | 9.917   | 8.525   |
| 5)                          | MB Aldrin       | 0.000 | 4.237f | 0        | 164534   | N.D.    | 0.036 # |
| 6)                          | B beta-BHC      | 4.523 | 3.903  | 16364265 | 19814220 | 10.248  | 9.962   |
| 7)                          | B delta-BHC     | 0.000 | 4.145  | 0        | 400443   | N.D.    | 0.085 # |
| 9)                          | A Endosulfan I  | 0.000 | 5.081  | 0        | 736293   | N.D.    | 0.185 # |
| 10)                         | B gamma-Chl...  | 0.000 | 4.980  | 0        | 820522   | N.D.    | 0.189 # |
| 12)                         | B 4,4'-DDE      | 0.000 | 5.227  | 0        | 469959   | N.D.    | 0.112 # |
| 13)                         | MA Dieldrin     | 0.000 | 5.376f | 0        | 1172805  | N.D.    | 0.268 # |
| 14)                         | MA Endrin       | 6.570 | 5.632  | 106.8E6  | 155.7E6  | 41.858  | 45.738  |
| 15)                         | B Endosulfa...  | 0.000 | 5.939  | 0        | 960411   | N.D.    | 0.257 # |
| 16)                         | A 4,4'-DDD      | 0.000 | 5.781  | 0        | 2546583  | N.D.    | 0.799 # |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.029  | 184.4E6  | 349.8E6  | 87.786  | 98.354  |
| 18)                         | B Endrin al...  | 6.920 | 6.106  | 2450807  | 8289635  | 1.259   | 2.623 # |
| 19)                         | B Endosulfa...  | 0.000 | 6.299f | 0        | 5412784  | N.D.    | 1.465 # |
| 20)                         | A Methoxychlor  | 7.497 | 6.605  | 230.4E6  | 435.0E6  | 207.343 | 222.985 |
| 21)                         | B Endrin ke...  | 7.639 | 6.833  | 3380820  | 6888283  | 1.349   | 1.614   |
| 23)                         | Chlordane-1     | 0.000 | 3.754  | 0        | 95620    | N.D.    | 0.704 # |
| 24)                         | Chlordane-2     | 0.000 | 4.346  | 0        | 469716   | N.D.    | 2.979 # |
| 25)                         | Chlordane-3     | 0.000 | 4.980  | 0        | 820522   | N.D.    | 1.727 # |
| 27)                         | Chlordane-5     | 0.000 | 5.939  | 0        | 960411   | N.D.    | 5.866 # |
| -----                       |                 |       |        |          |          |         |         |

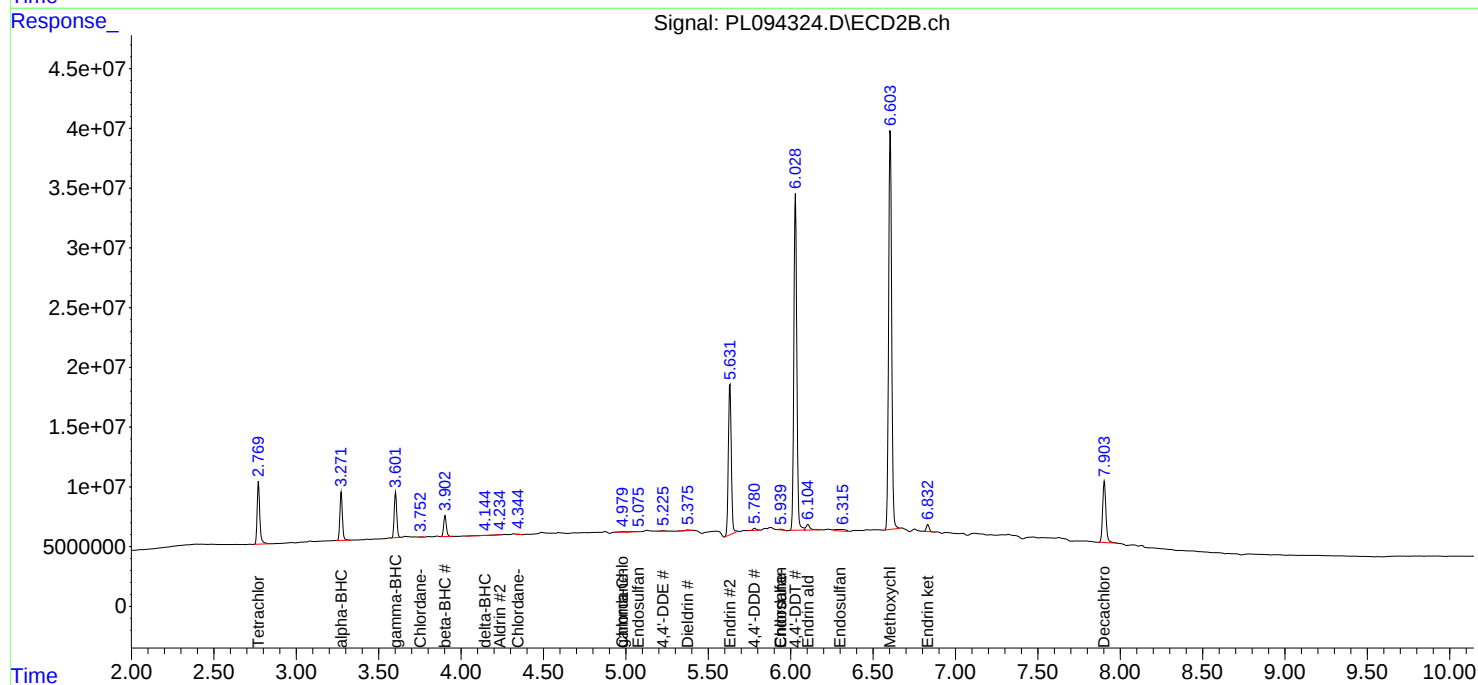
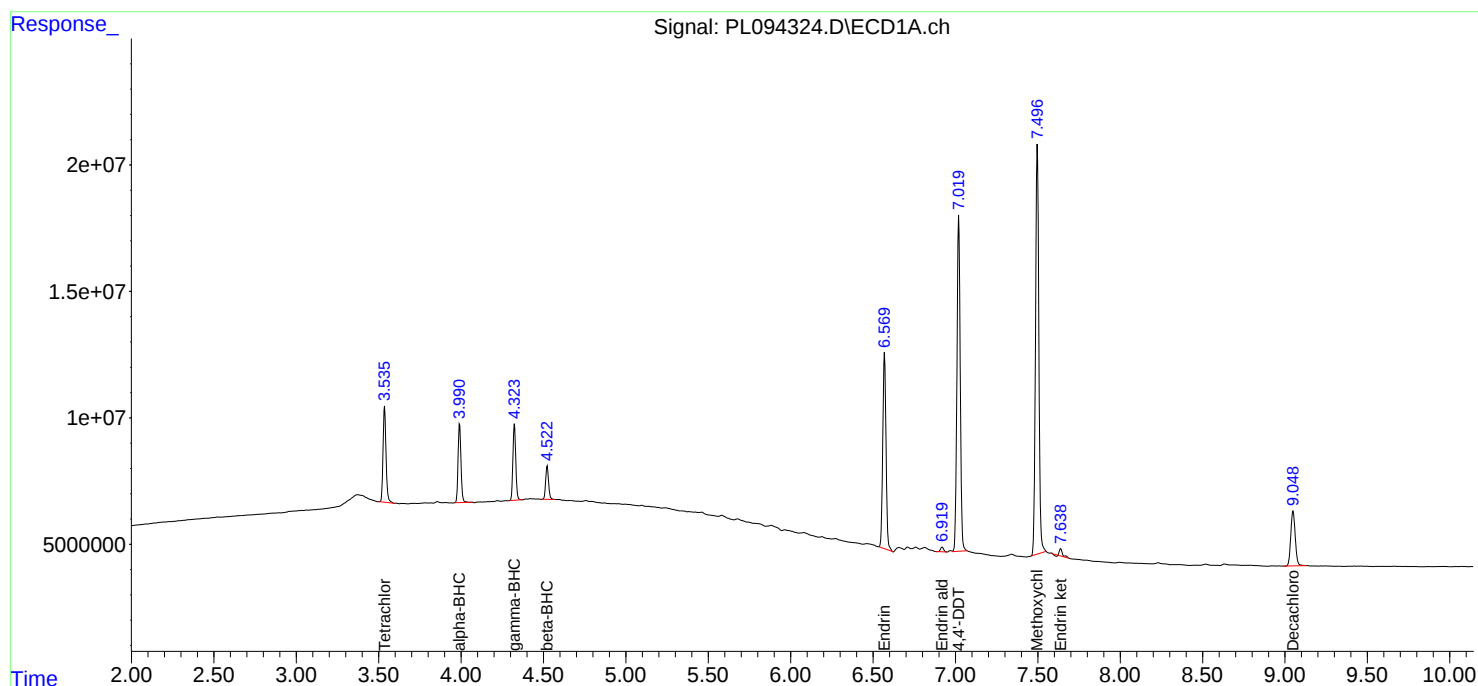
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

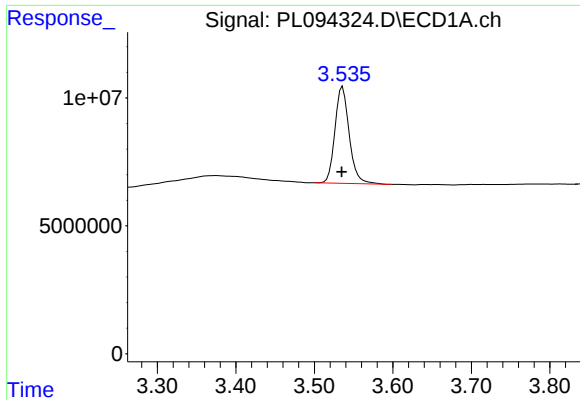
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022125\  
Data File : PL094324.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2025 10:29  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 13:22:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 13:20:18 2025  
Response via : Initial Calibration  
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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

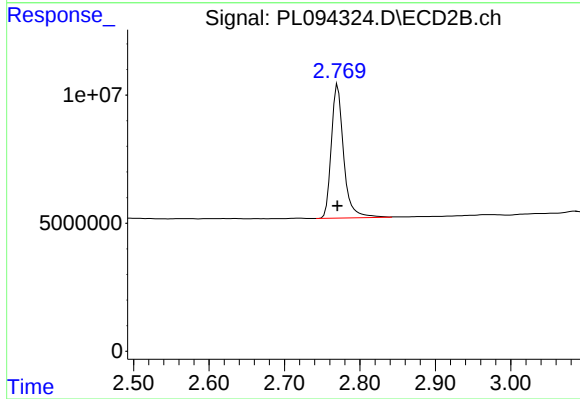




#1 Tetrachloro-m-xylene

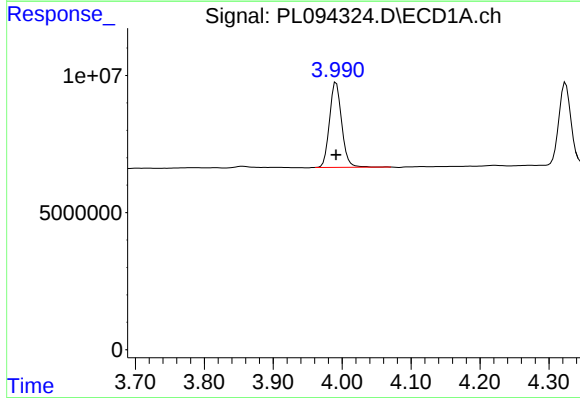
R.T.: 3.536 min  
Delta R.T.: 0.001 min  
Response: 47867576  
Conc: 18.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



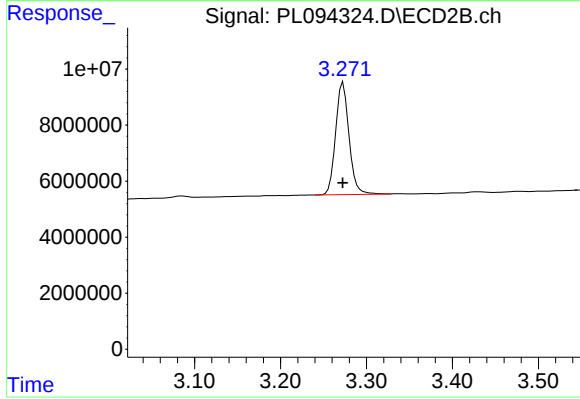
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 59184811  
Conc: 18.55 ng/ml



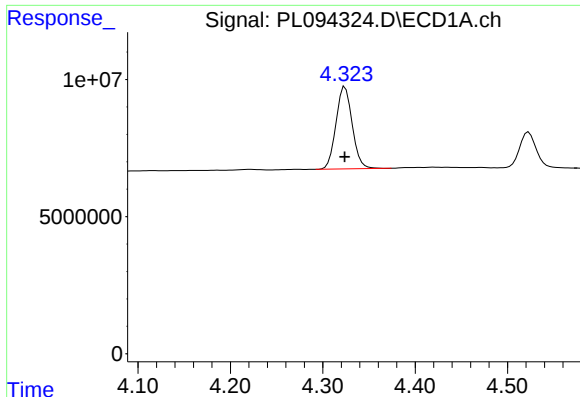
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 37928964  
Conc: 10.03 ng/ml



#2 alpha-BHC

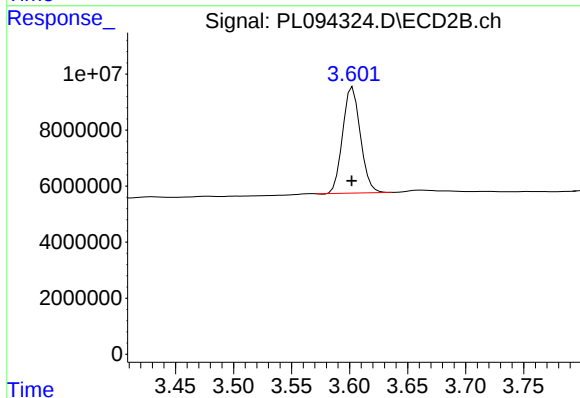
R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 43396269  
Conc: 8.83 ng/ml



#3 gamma-BHC (Lindane)

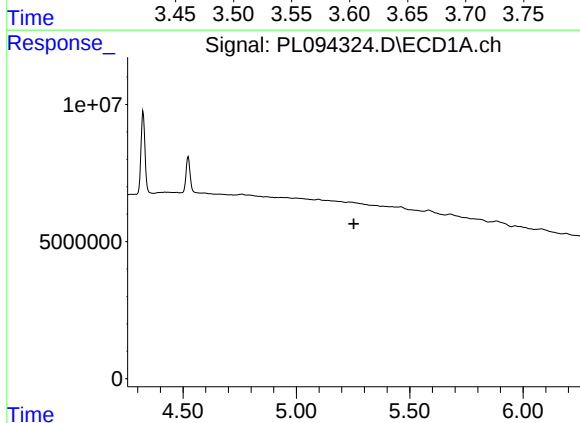
R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 36641276  
Conc: 9.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



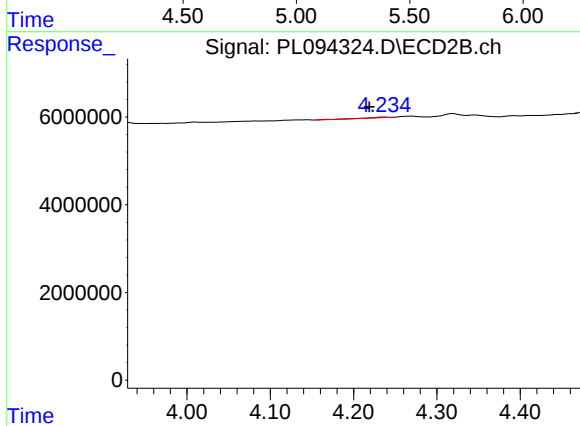
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.000 min  
Response: 40152666  
Conc: 8.53 ng/ml



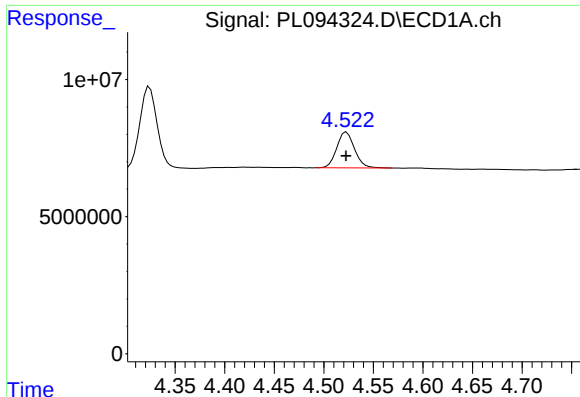
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.253 min  
Response: 0  
Conc: N.D.



#5 Aldrin

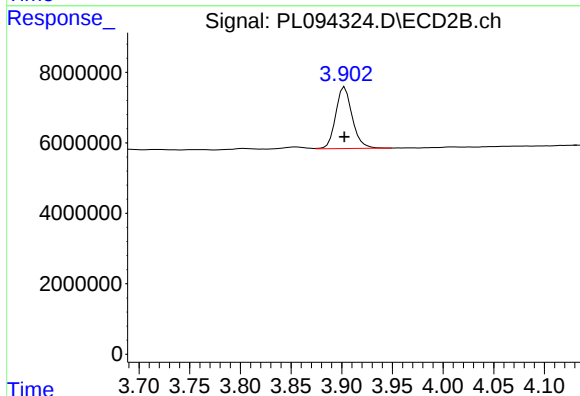
R.T.: 4.237 min  
Delta R.T.: 0.018 min  
Response: 164534  
Conc: 0.04 ng/ml



#6 beta-BHC

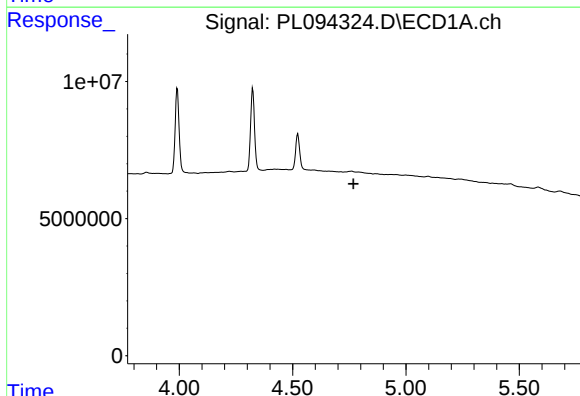
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 16364265  
Conc: 10.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



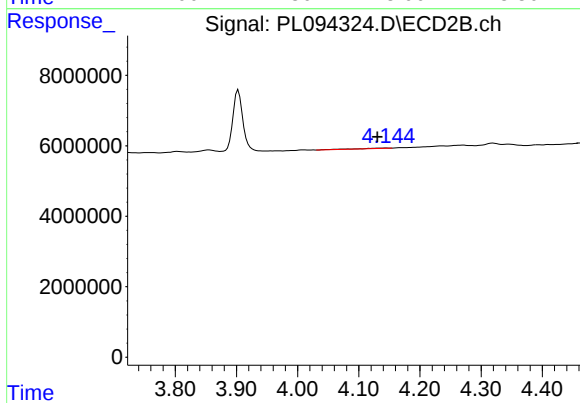
#6 beta-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 19814220  
Conc: 9.96 ng/ml



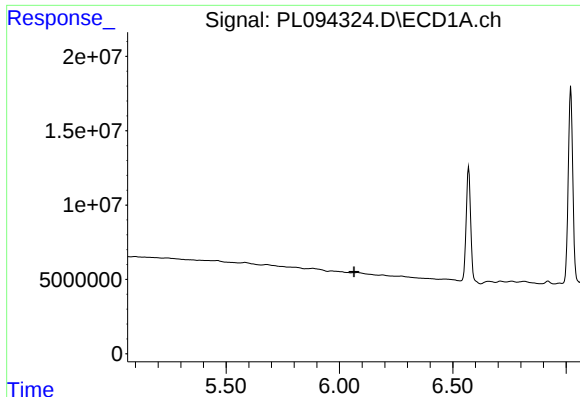
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.769 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

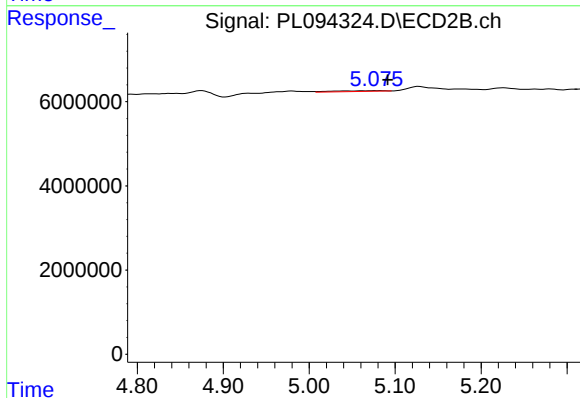
R.T.: 4.145 min  
Delta R.T.: 0.015 min  
Response: 400443  
Conc: 0.08 ng/ml



#9 Endosulfan I

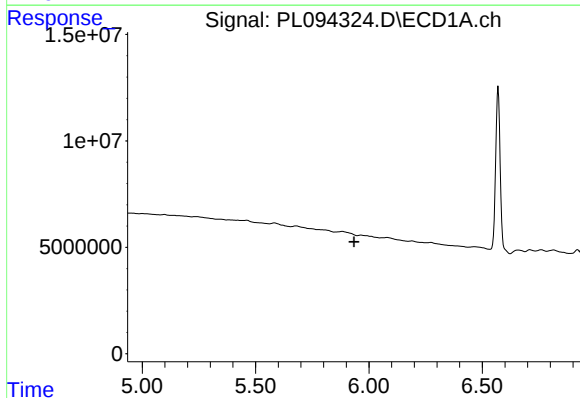
R.T.: 0.000 min  
Exp R.T.: 6.065 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



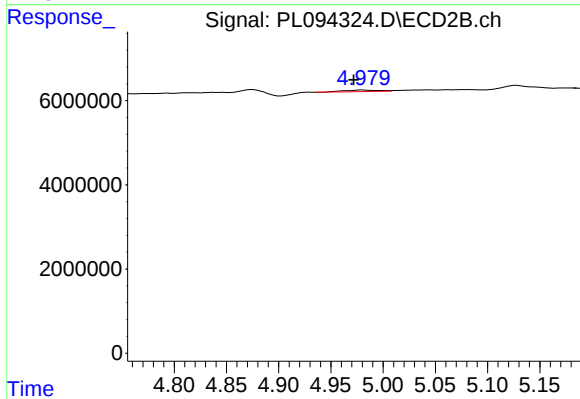
#9 Endosulfan I

R.T.: 5.081 min  
Delta R.T.: -0.010 min  
Response: 736293  
Conc: 0.18 ng/ml



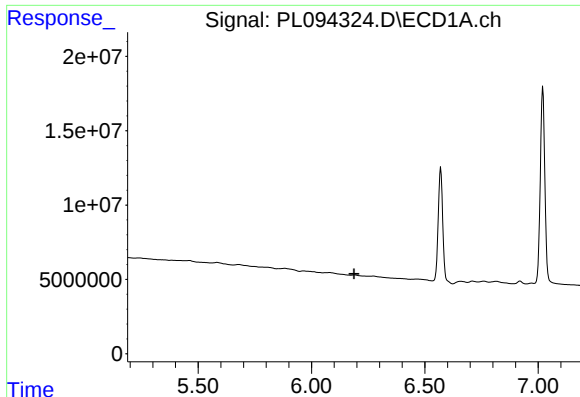
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

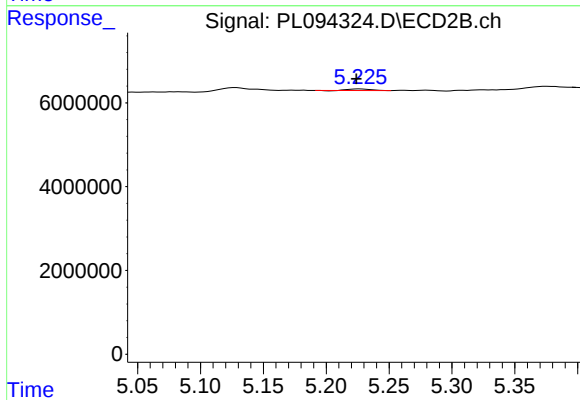
R.T.: 4.980 min  
Delta R.T.: 0.008 min  
Response: 820522  
Conc: 0.19 ng/ml



#12 4,4'-DDE

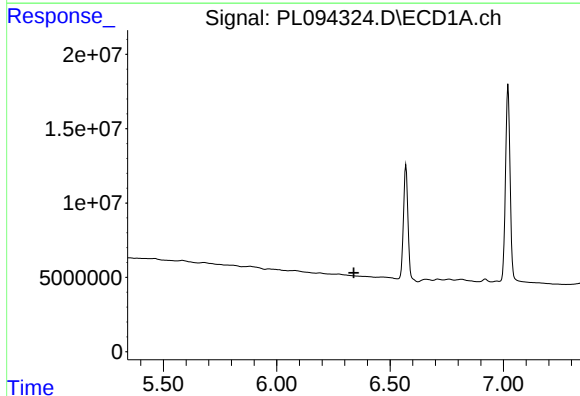
R.T.: 0.000 min  
Exp R.T.: 6.188 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



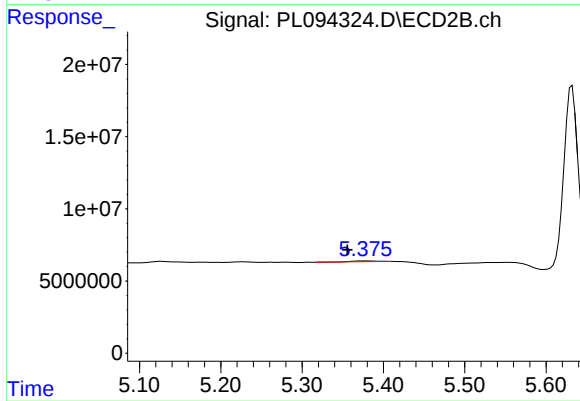
#12 4,4'-DDE

R.T.: 5.227 min  
Delta R.T.: 0.003 min  
Response: 469959  
Conc: 0.11 ng/ml



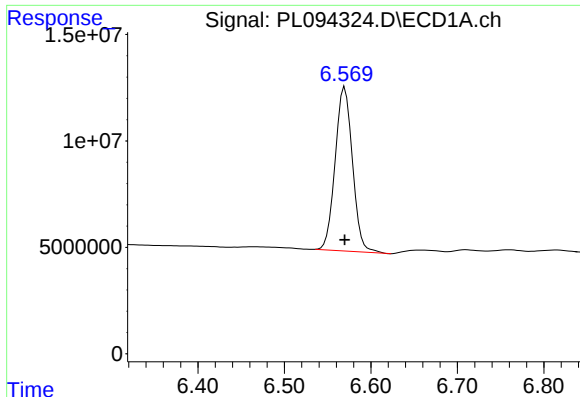
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.340 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

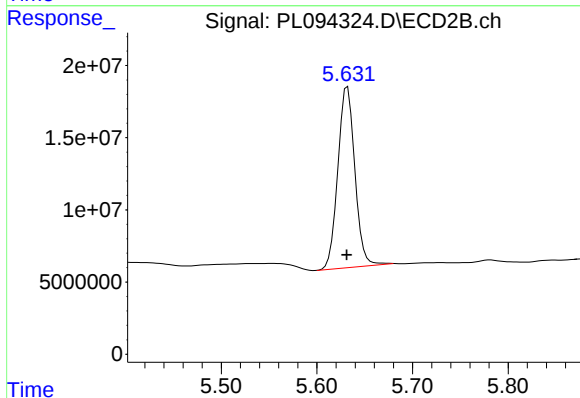
R.T.: 5.376 min  
Delta R.T.: 0.021 min  
Response: 1172805  
Conc: 0.27 ng/ml



#14 Endrin

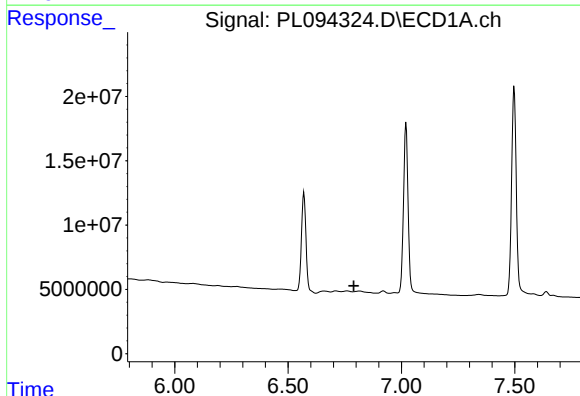
R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 106834677  
Conc: 41.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



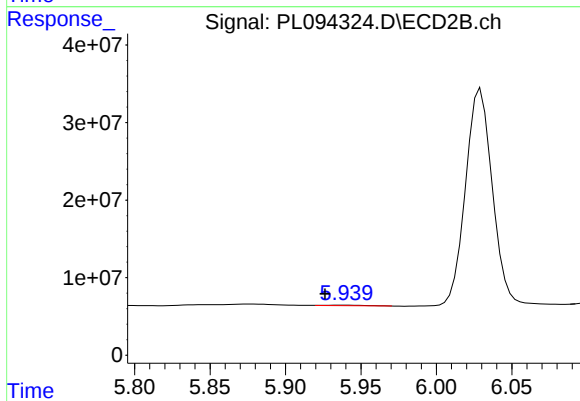
#14 Endrin

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 155723847  
Conc: 45.74 ng/ml



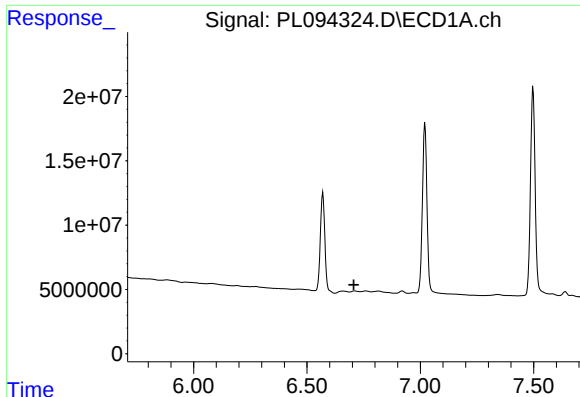
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.790 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

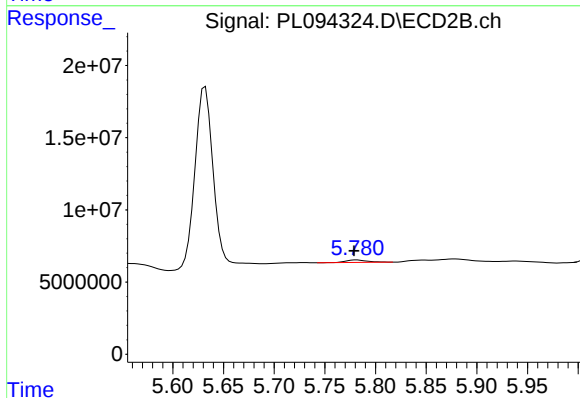
R.T.: 5.939 min  
Delta R.T.: 0.013 min  
Response: 960411  
Conc: 0.26 ng/ml



#16 4,4'-DDD

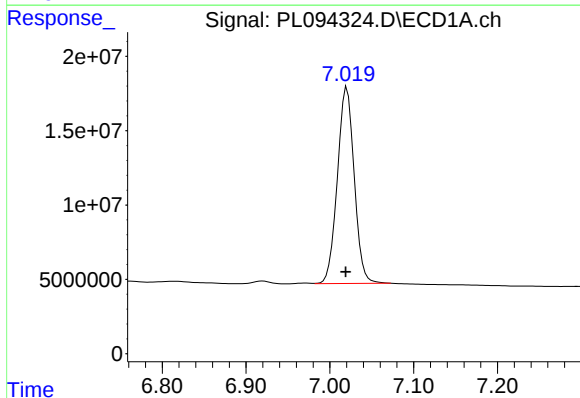
R.T.: 0.000 min  
Exp R.T.: 6.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



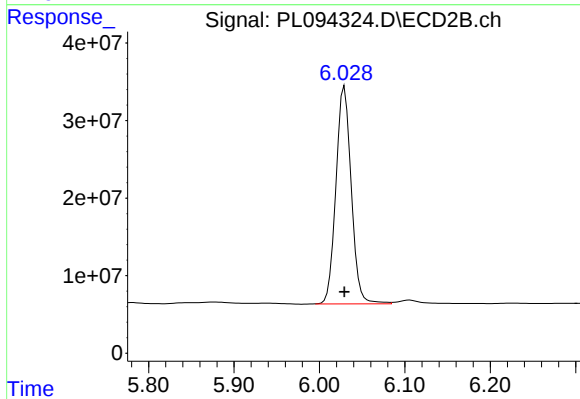
#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: 0.002 min  
Response: 2546583  
Conc: 0.80 ng/ml



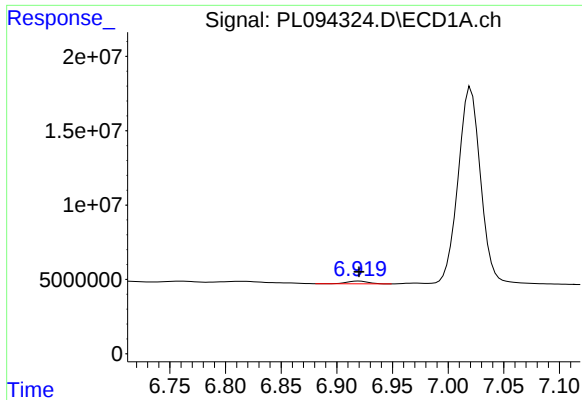
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: 0.001 min  
Response: 184352701  
Conc: 87.79 ng/ml



#17 4,4'-DDT

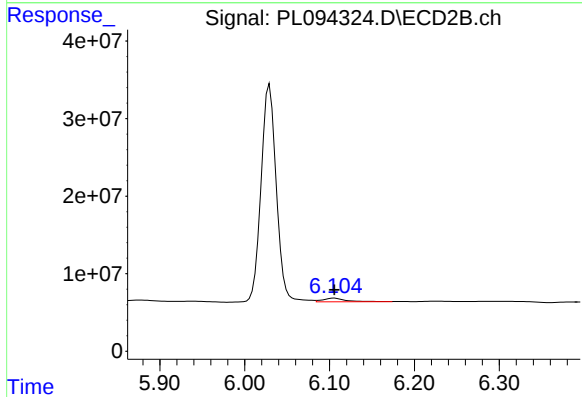
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 349846111  
Conc: 98.35 ng/ml



#18 Endrin aldehyde

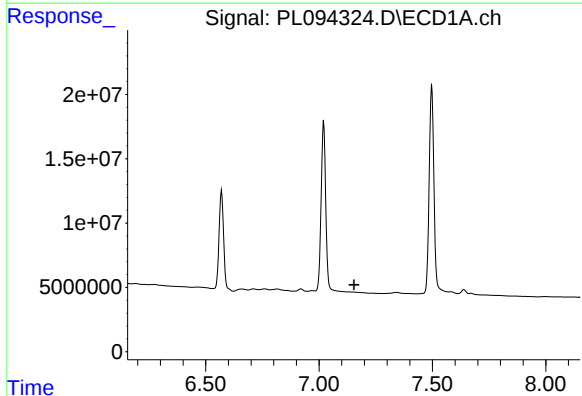
R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 2450807  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



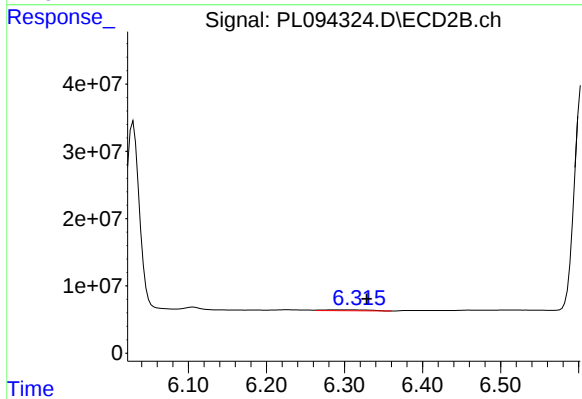
#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 8289635  
Conc: 2.62 ng/ml



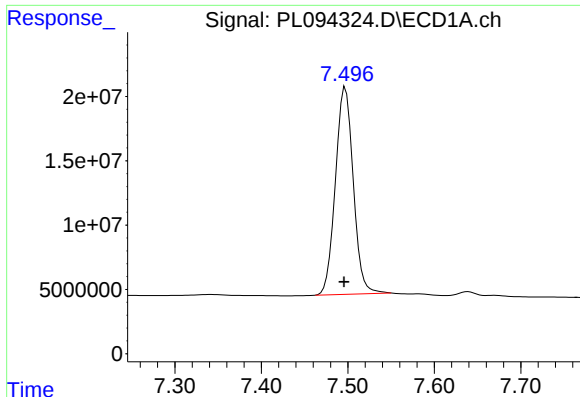
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.154 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

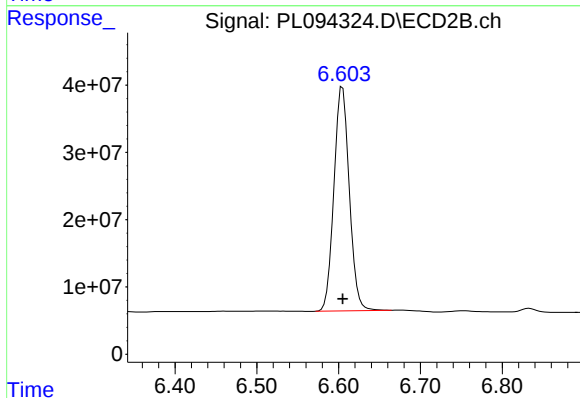
R.T.: 6.299 min  
Delta R.T.: -0.029 min  
Response: 5412784  
Conc: 1.47 ng/ml



#20 Methoxychlor

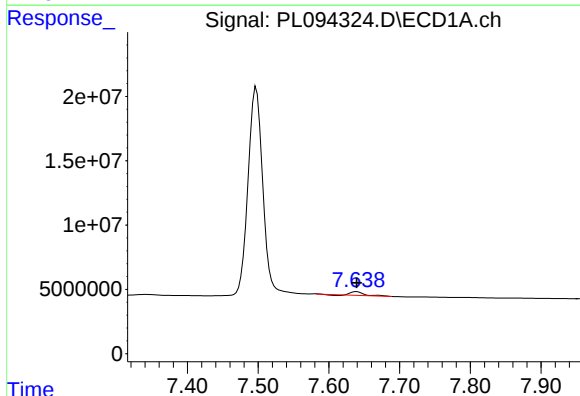
R.T.: 7.497 min  
Delta R.T.: 0.002 min  
Response: 230366562  
Conc: 207.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



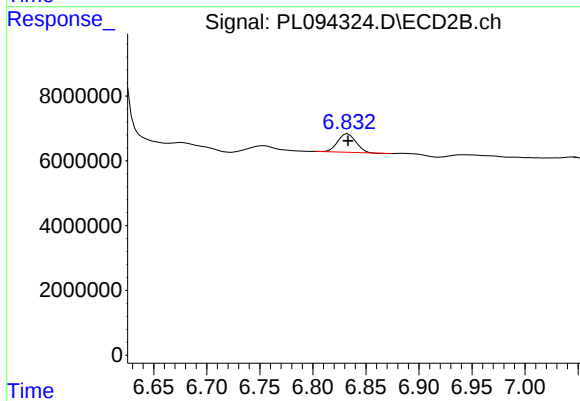
#20 Methoxychlor

R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 435049433  
Conc: 222.98 ng/ml



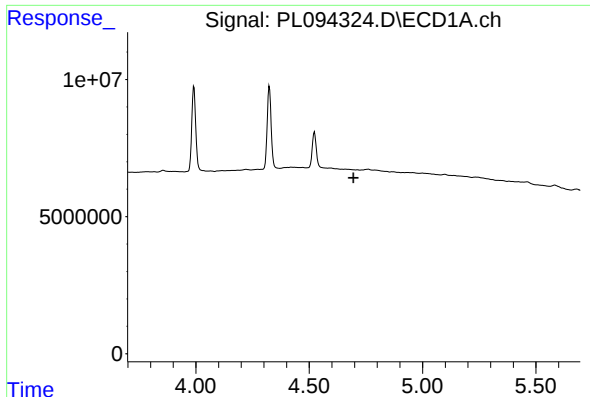
#21 Endrin ketone

R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 3380820  
Conc: 1.35 ng/ml



#21 Endrin ketone

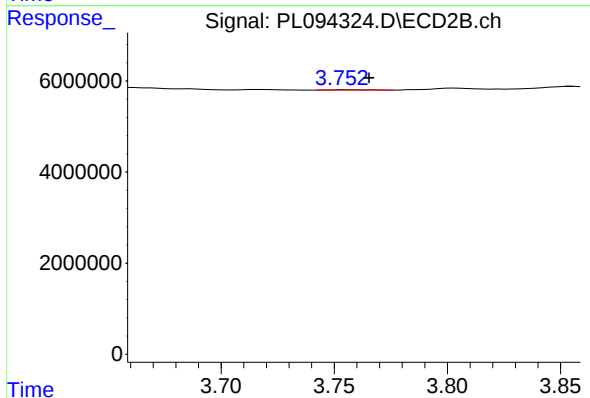
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 6888283  
Conc: 1.61 ng/ml



#23 Chlordane-1

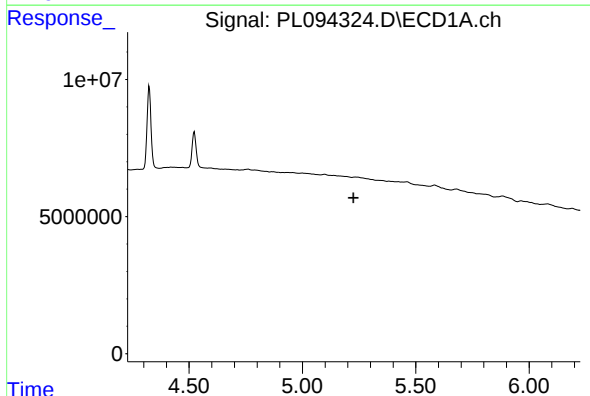
R.T.: 0.000 min  
Exp R.T.: 4.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



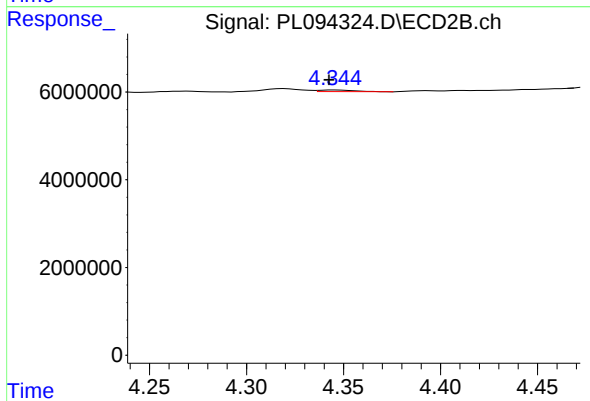
#23 Chlordane-1

R.T.: 3.754 min  
Delta R.T.: -0.011 min  
Response: 95620  
Conc: 0.70 ng/ml



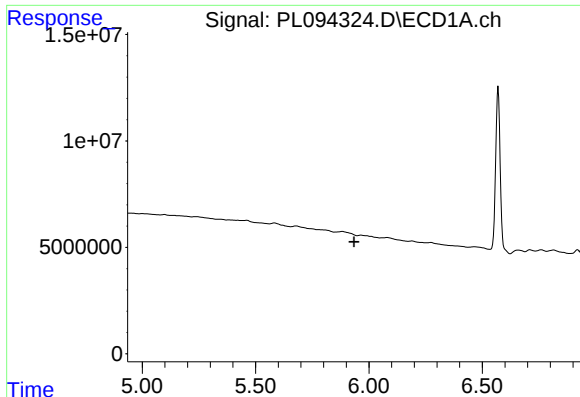
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.226 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

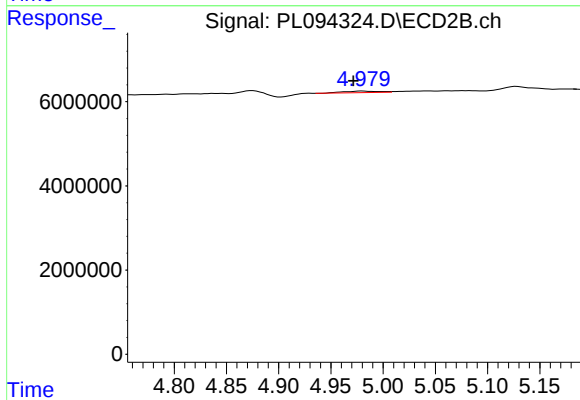
R.T.: 4.346 min  
Delta R.T.: 0.003 min  
Response: 469716  
Conc: 2.98 ng/ml



#25 Chlordane-3

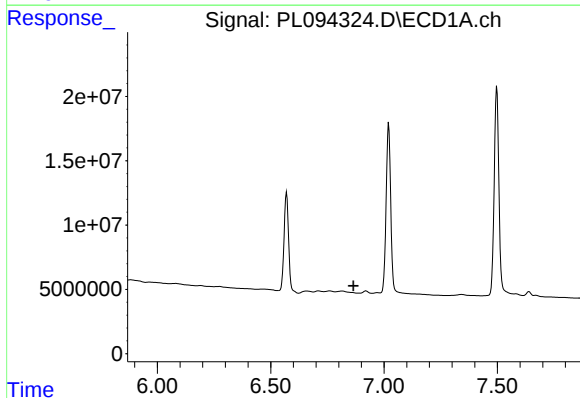
R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



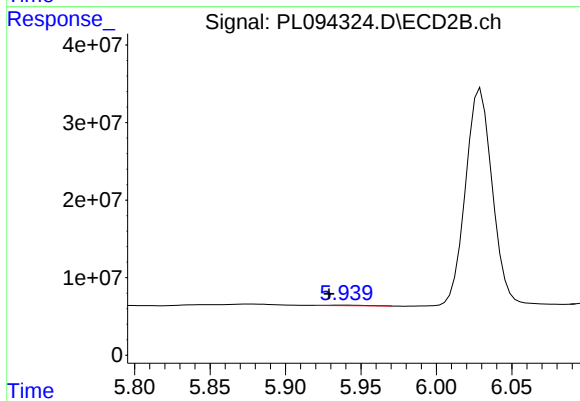
#25 Chlordane-3

R.T.: 4.980 min  
Delta R.T.: 0.009 min  
Response: 820522  
Conc: 1.73 ng/ml



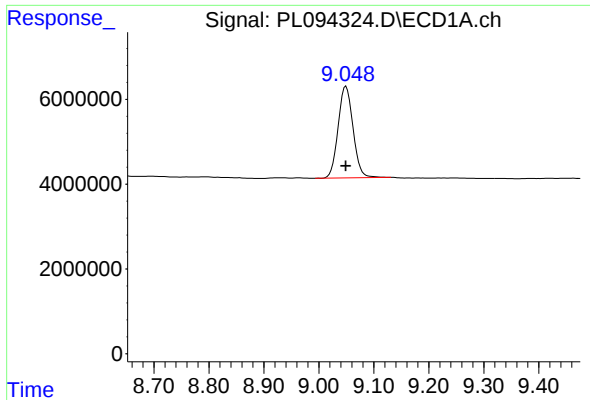
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.866 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

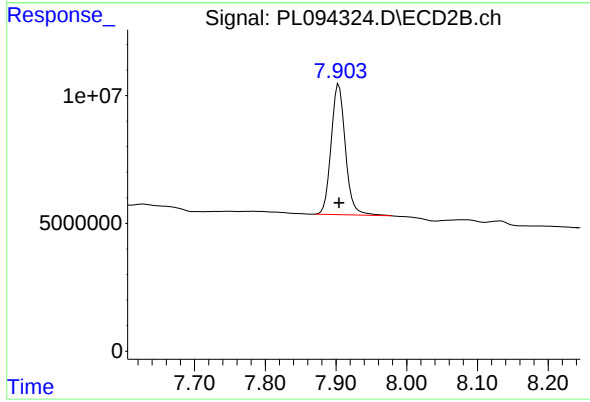
R.T.: 5.939 min  
Delta R.T.: 0.010 min  
Response: 960411  
Conc: 5.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: 0.000 min  
Response: 40873835  
Conc: 19.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 71371388  
Conc: 18.56 ng/ml