

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
 Data File : PL094189.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2025 11:53  
 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 15 02:19:17 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... | 3.537 | 2.772  | 47382508 | 55130403 | 17.596  | 16.890   |
| 28)                         | SA Decachlor... | 9.049 | 7.906  | 38761991 | 61250372 | 18.529  | 17.480   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.992 | 3.274  | 34965458 | 39039373 | 9.120   | 7.985    |
| 3)                          | MA gamma-BHC... | 4.325 | 3.604  | 32889775 | 36411541 | 8.931   | 7.680    |
| 4)                          | MA Heptachlor   | 0.000 | 3.959  | 0        | 21628    | N.D.    | 0.005 #  |
| 5)                          | MB Aldrin       | 0.000 | 4.234  | 0        | 197710   | N.D.    | 0.043 #  |
| 6)                          | B beta-BHC      | 4.523 | 3.905  | 15353464 | 18536789 | 9.552   | 9.280    |
| 7)                          | B delta-BHC     | 0.000 | 4.132  | 0        | 164229   | N.D.    | 0.035 #  |
| 8)                          | B Heptachlo...  | 0.000 | 4.738  | 0        | 105795   | N.D.    | 0.025 #  |
| 10)                         | B gamma-Chl...  | 0.000 | 4.997f | 0        | 6194431  | N.D.    | 1.462 #  |
| 11)                         | B alpha-Chl...  | 0.000 | 5.035  | 0        | 1184995  | N.D.    | 0.283 #  |
| 12)                         | B 4,4'-DDE      | 0.000 | 5.229  | 0        | 319478   | N.D.    | 0.080 #  |
| 13)                         | MA Dieldrin     | 0.000 | 5.372  | 0        | 242099   | N.D.    | 0.056 #  |
| 14)                         | MA Endrin       | 6.570 | 5.634  | 96802861 | 150.8E6  | 41.284  | 40.837   |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.782  | 2571666  | 2801360  | 1.353   | 0.887 #  |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.031  | 171.4E6  | 313.0E6  | 86.935  | 96.199   |
| 18)                         | B Endrin al...  | 6.920 | 6.107  | 2514320  | 5055578  | 1.293   | 1.660 #  |
| 20)                         | A Methoxychlor  | 7.497 | 6.606  | 216.8E6  | 398.4E6  | 207.798 | 222.825  |
| 21)                         | B Endrin ke...  | 7.639 | 6.834  | 4516155  | 6789818  | 1.790   | 1.618    |
| 23)                         | Chlordane-1     | 0.000 | 3.764  | 0        | 43224    | N.D.    | 0.346 #  |
| 24)                         | Chlordane-2     | 0.000 | 4.321f | 0        | 4052744  | N.D.    | 27.622 # |
| 25)                         | Chlordane-3     | 0.000 | 4.997f | 0        | 6194431  | N.D.    | 14.246 # |
| 26)                         | Chlordane-4     | 0.000 | 5.035  | 0        | 1184995  | N.D.    | 2.797 #  |
| -----                       |                 |       |        |          |          |         |          |

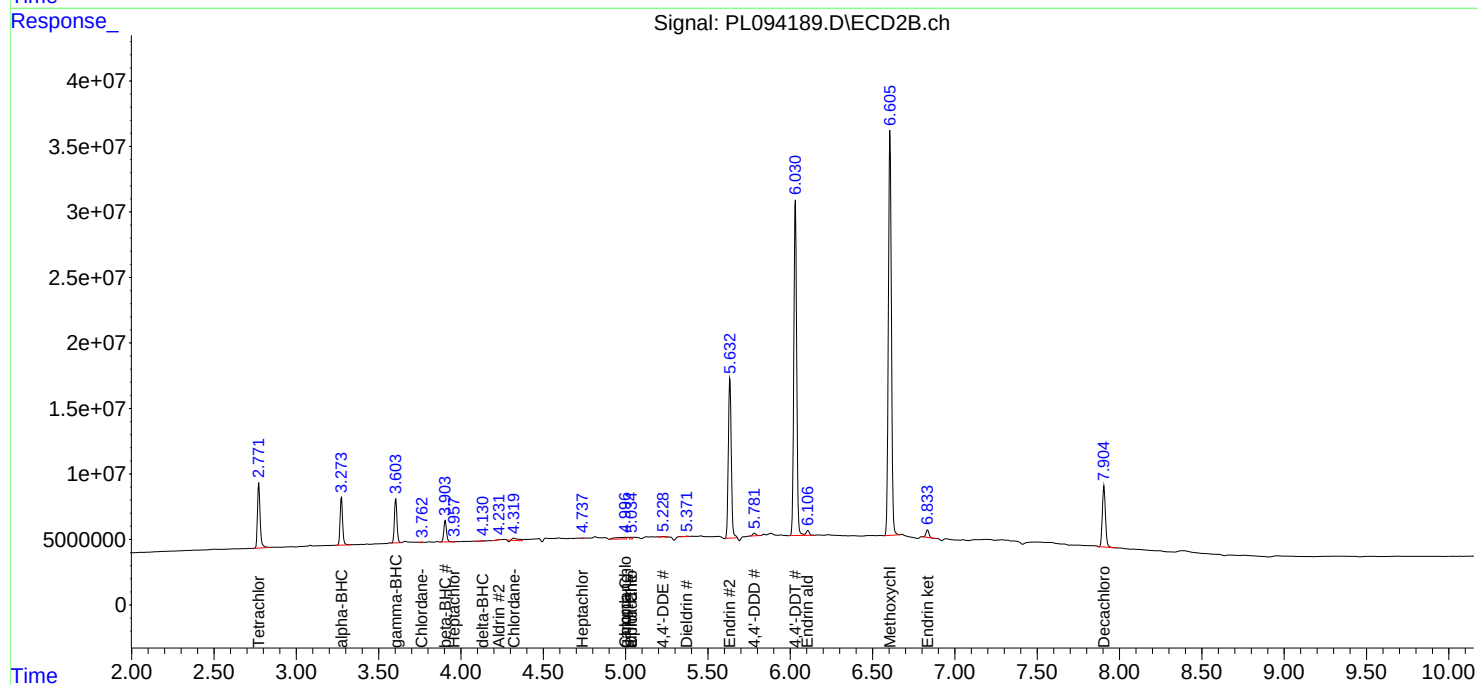
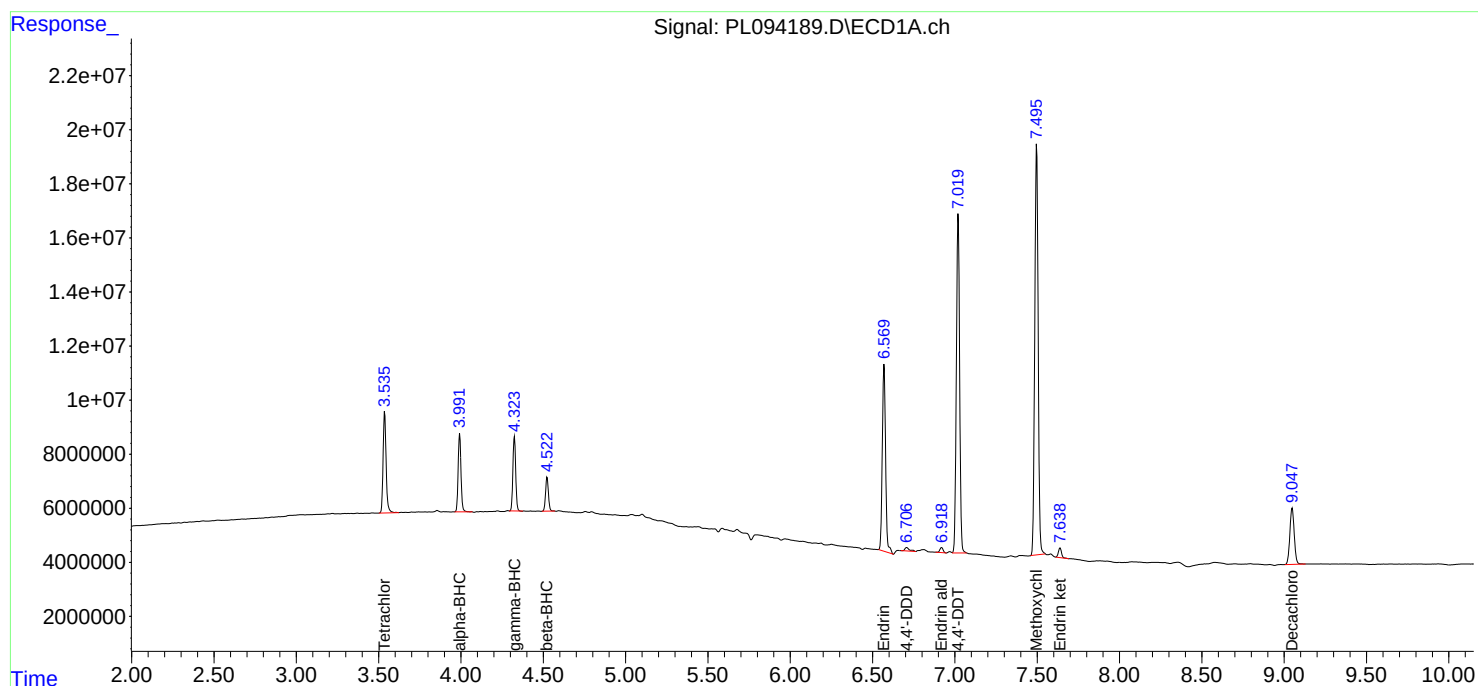
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

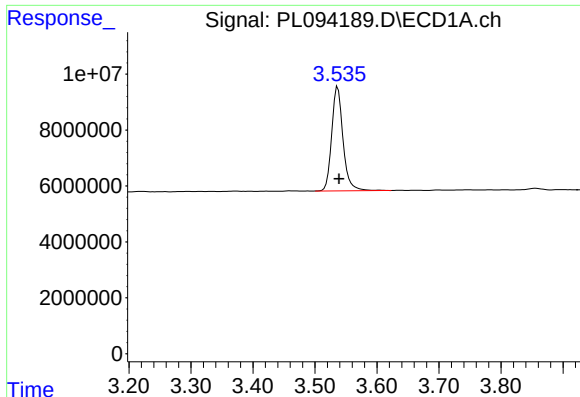
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
Data File : PL094189.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2025 11:53  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 02:19:17 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

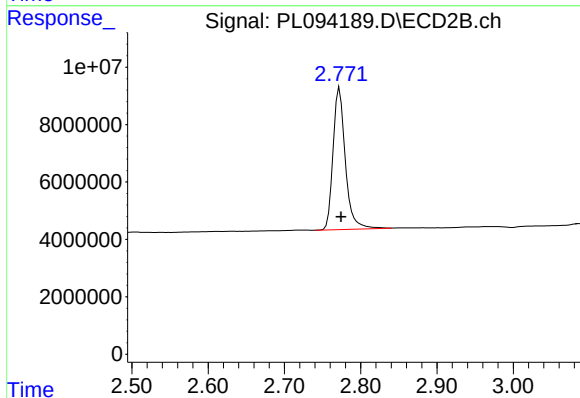




#1 Tetrachloro-m-xylene

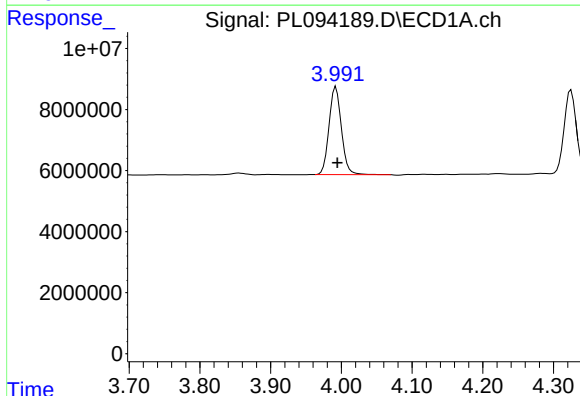
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 47382508  
Conc: 17.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



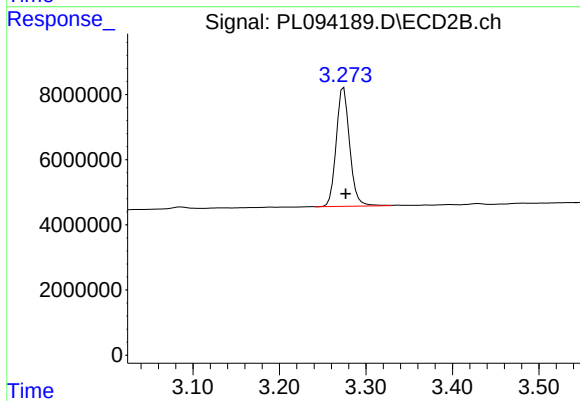
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.002 min  
Response: 55130403  
Conc: 16.89 ng/ml



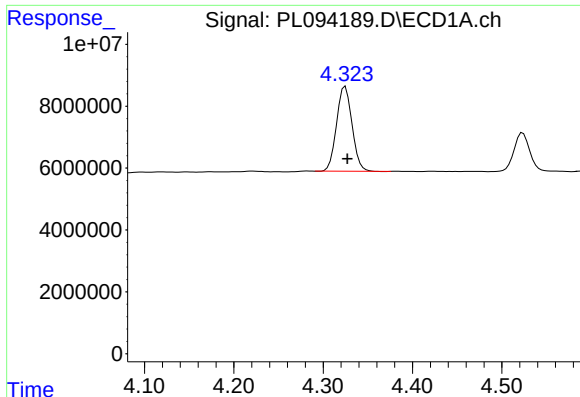
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: -0.002 min  
Response: 34965458  
Conc: 9.12 ng/ml



#2 alpha-BHC

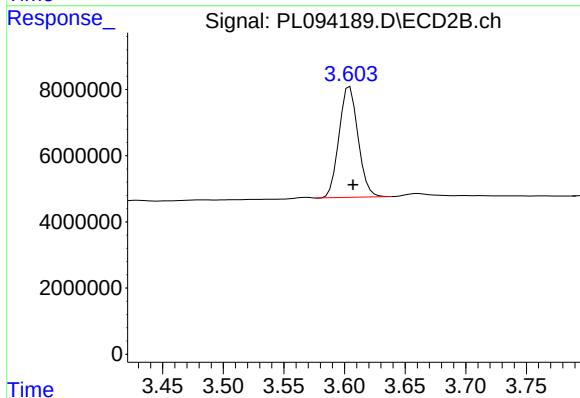
R.T.: 3.274 min  
Delta R.T.: -0.002 min  
Response: 39039373  
Conc: 7.99 ng/ml



#3 gamma-BHC (Lindane)

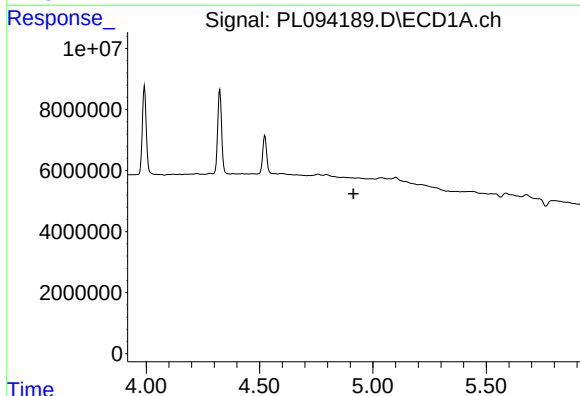
R.T.: 4.325 min  
Delta R.T.: -0.002 min  
Response: 32889775  
Conc: 8.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



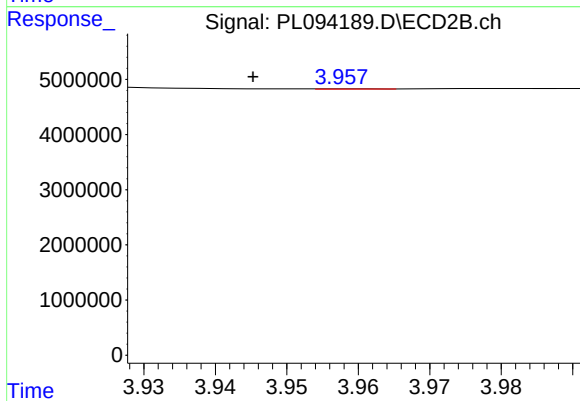
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: -0.003 min  
Response: 36411541  
Conc: 7.68 ng/ml



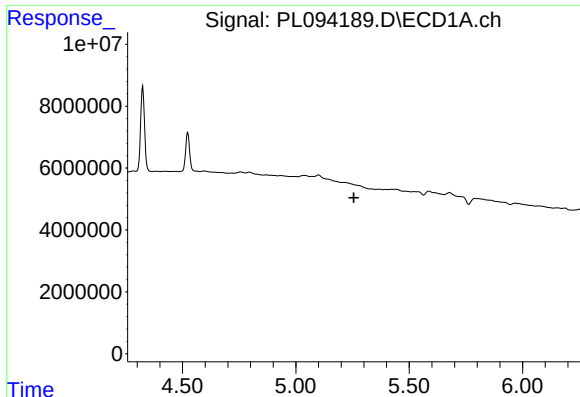
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.914 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

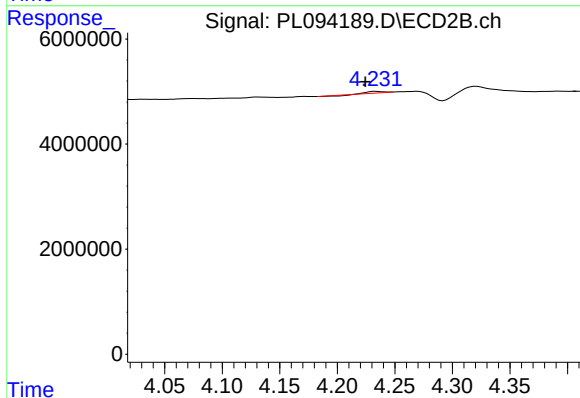
R.T.: 3.959 min  
Delta R.T.: 0.013 min  
Response: 21628  
Conc: 0.00 ng/ml



#5 Aldrin

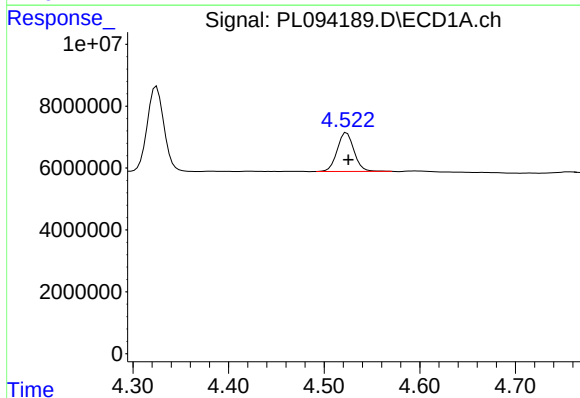
R.T.: 0.000 min  
Exp R.T.: 5.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



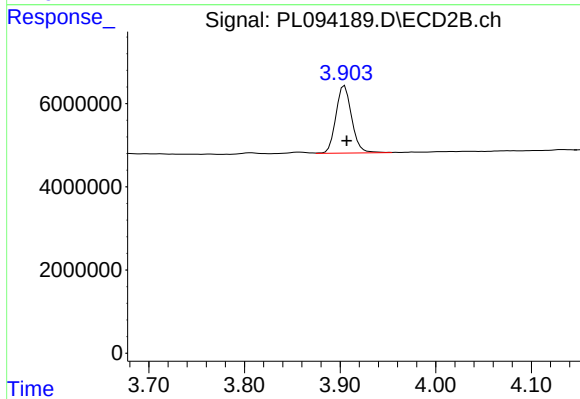
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: 0.009 min  
Response: 197710  
Conc: 0.04 ng/ml



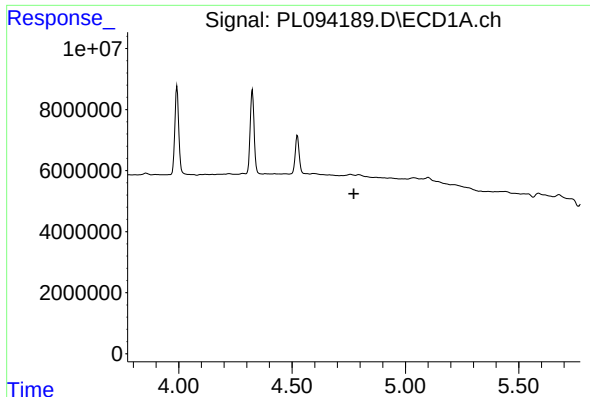
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 15353464  
Conc: 9.55 ng/ml



#6 beta-BHC

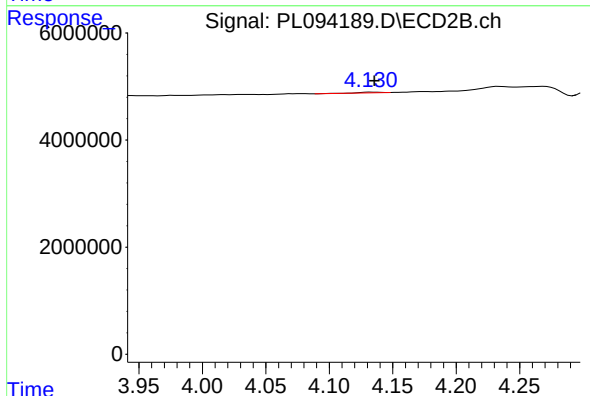
R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 18536789  
Conc: 9.28 ng/ml



#7 delta-BHC

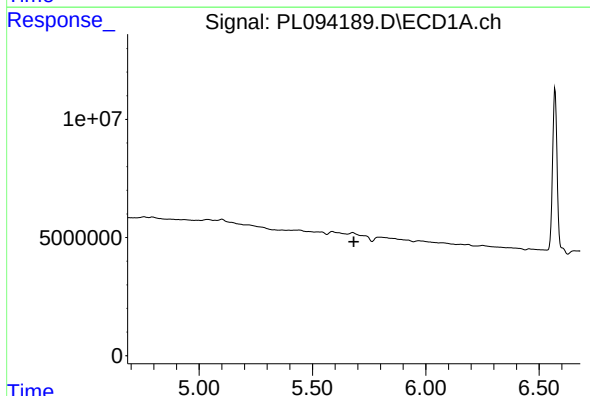
R.T.: 0.000 min  
Exp R.T. : 4.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



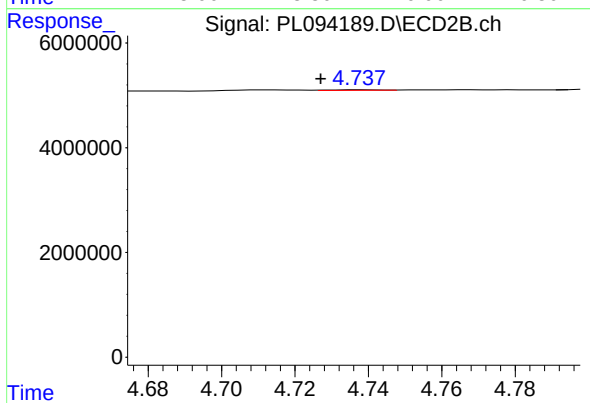
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: -0.004 min  
Response: 164229  
Conc: 0.03 ng/ml



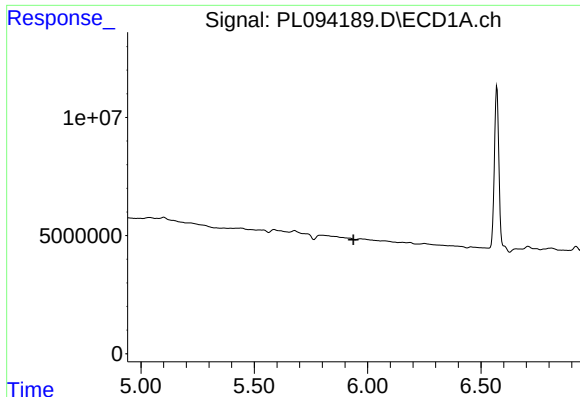
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

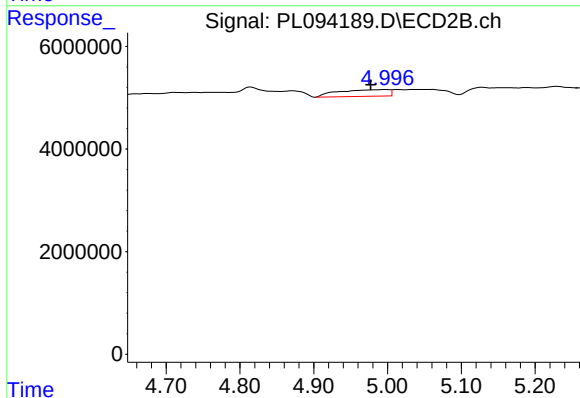
R.T.: 4.738 min  
Delta R.T.: 0.011 min  
Response: 105795  
Conc: 0.03 ng/ml



#10 gamma-Chlordane

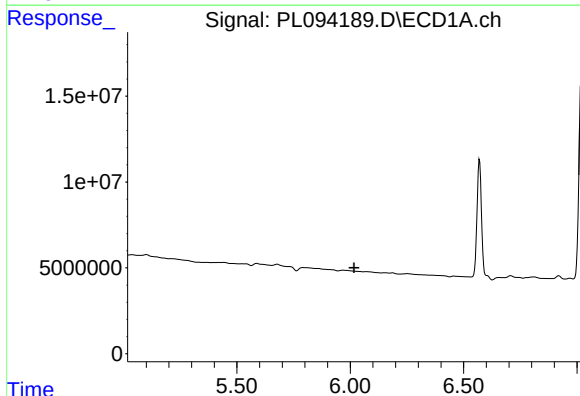
R.T.: 0.000 min  
Exp R.T.: 5.938 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



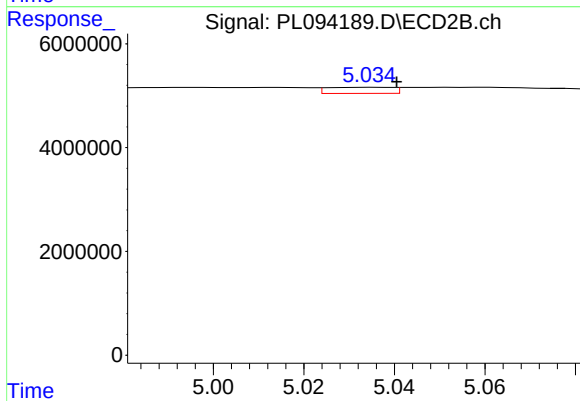
#10 gamma-Chlordane

R.T.: 4.997 min  
Delta R.T.: 0.020 min  
Response: 6194431  
Conc: 1.46 ng/ml



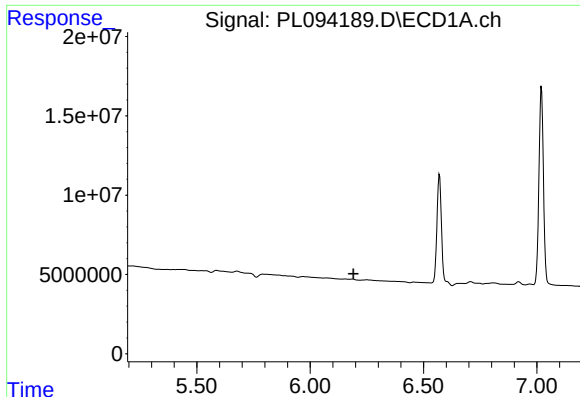
#11 alpha-Chlordane

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



#11 alpha-Chlordane

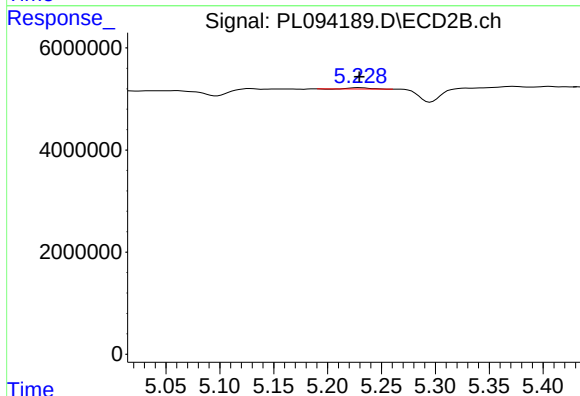
R.T.: 5.035 min  
Delta R.T.: -0.005 min  
Response: 1184995  
Conc: 0.28 ng/ml



#12 4,4'-DDE

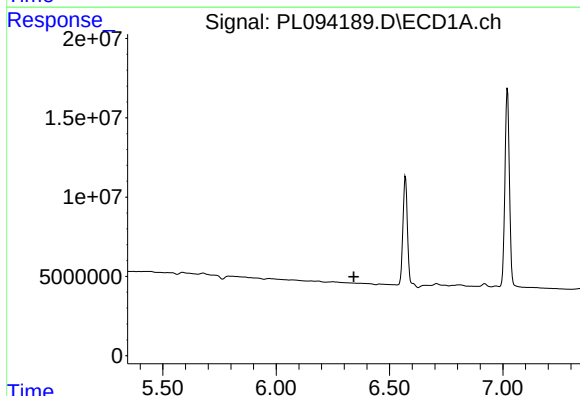
R.T.: 0.000 min  
Exp R.T.: 6.191 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



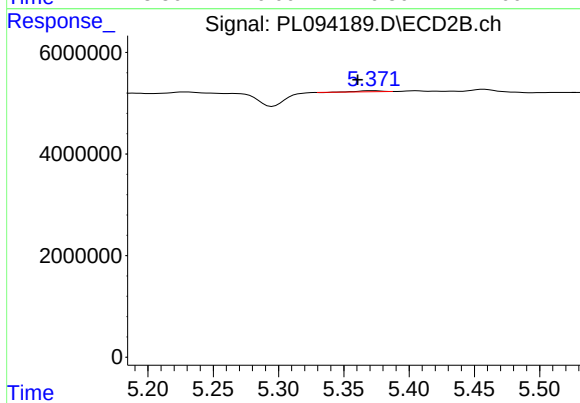
#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 319478  
Conc: 0.08 ng/ml



#13 Dieldrin

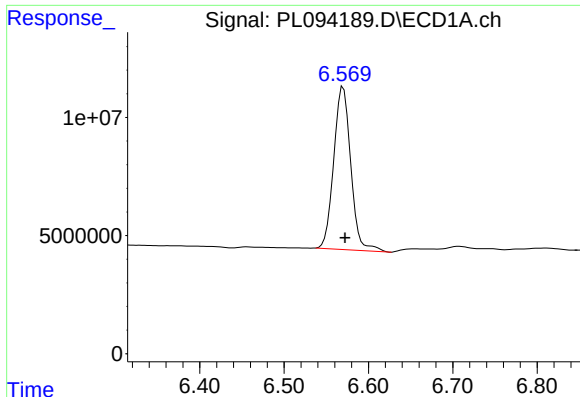
R.T.: 0.000 min  
Exp R.T.: 6.343 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: 0.012 min  
Response: 242099  
Conc: 0.06 ng/ml

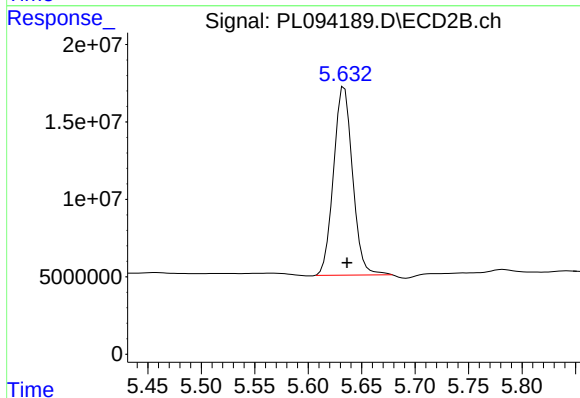




#14 Endrin

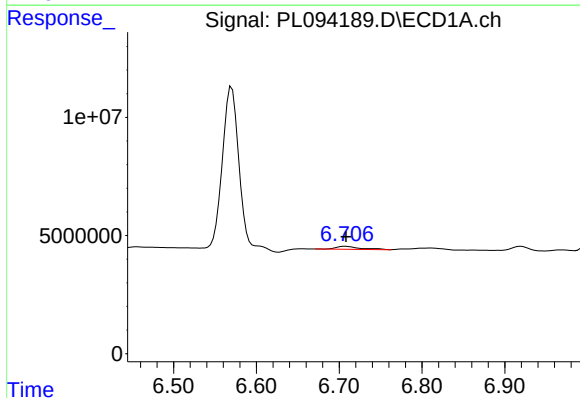
R.T.: 6.570 min  
Delta R.T.: -0.002 min  
Response: 96802861  
Conc: 41.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



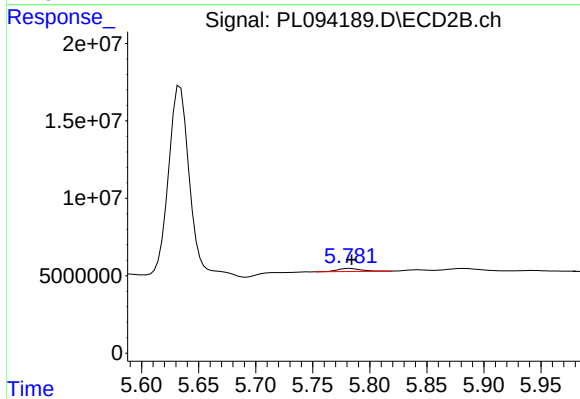
#14 Endrin

R.T.: 5.634 min  
Delta R.T.: -0.003 min  
Response: 150799391  
Conc: 40.84 ng/ml



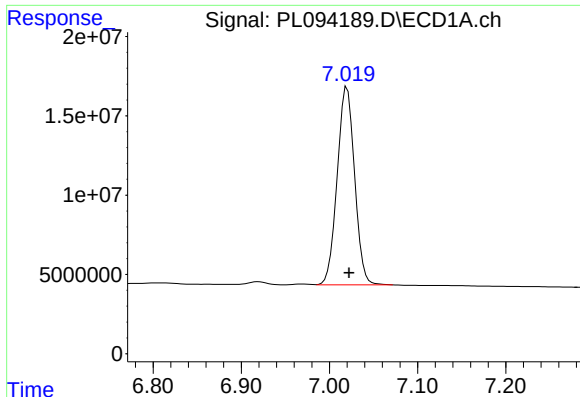
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 2571666  
Conc: 1.35 ng/ml



#16 4,4'-DDD

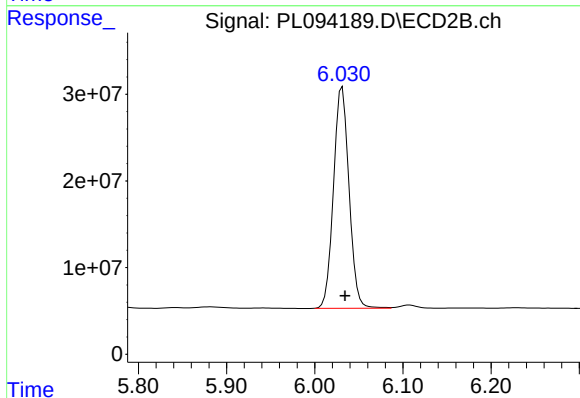
R.T.: 5.782 min  
Delta R.T.: -0.002 min  
Response: 2801360  
Conc: 0.89 ng/ml



#17 4,4'-DDT

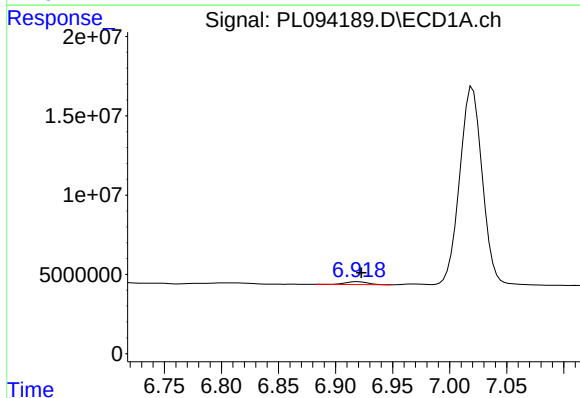
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 171440458  
Conc: 86.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



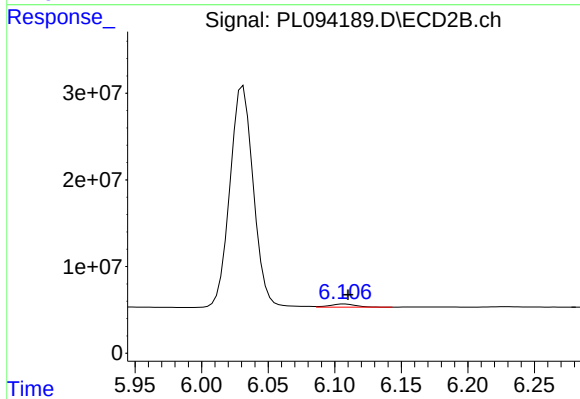
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 313035318  
Conc: 96.20 ng/ml



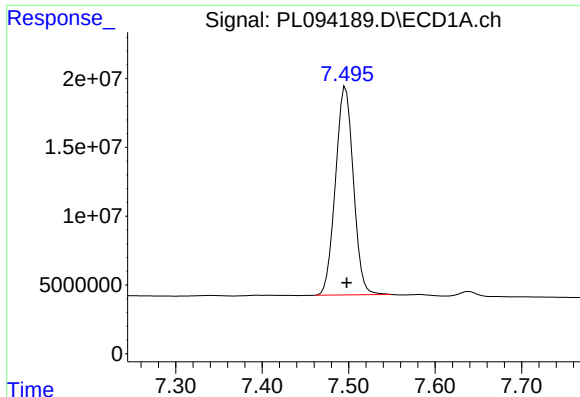
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 2514320  
Conc: 1.29 ng/ml



#18 Endrin aldehyde

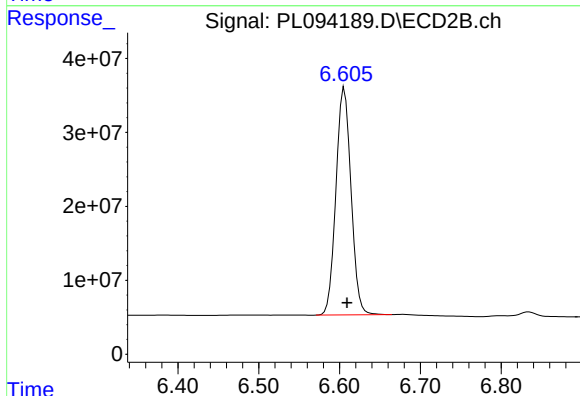
R.T.: 6.107 min  
Delta R.T.: -0.003 min  
Response: 5055578  
Conc: 1.66 ng/ml



#20 Methoxychlor

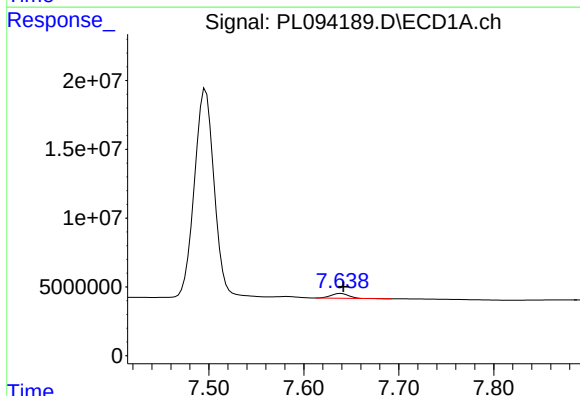
R.T.: 7.497 min  
Delta R.T.: -0.001 min  
Response: 216816150  
Conc: 207.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



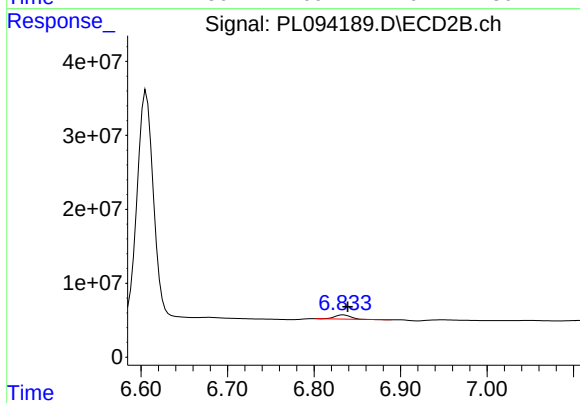
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.003 min  
Response: 398441356  
Conc: 222.82 ng/ml



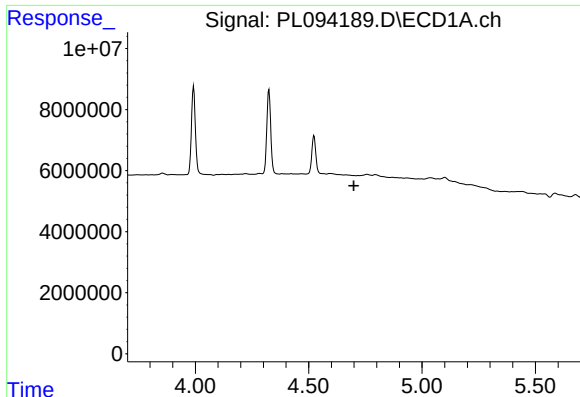
#21 Endrin ketone

R.T.: 7.639 min  
Delta R.T.: -0.003 min  
Response: 4516155  
Conc: 1.79 ng/ml



#21 Endrin ketone

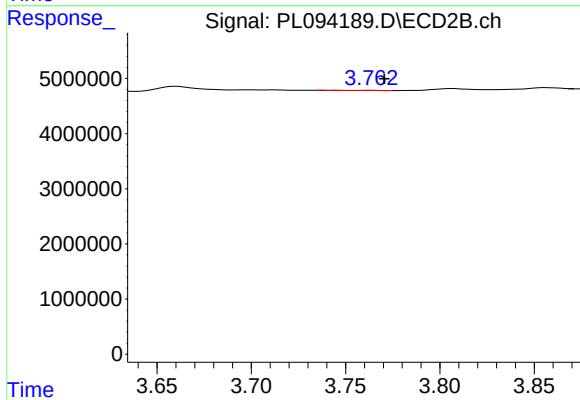
R.T.: 6.834 min  
Delta R.T.: -0.005 min  
Response: 6789818  
Conc: 1.62 ng/ml



#23 Chlordane-1

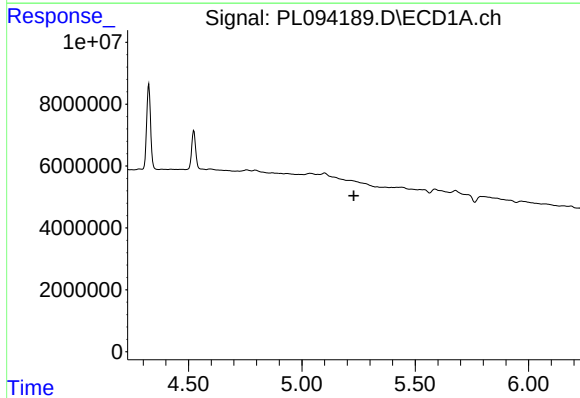
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



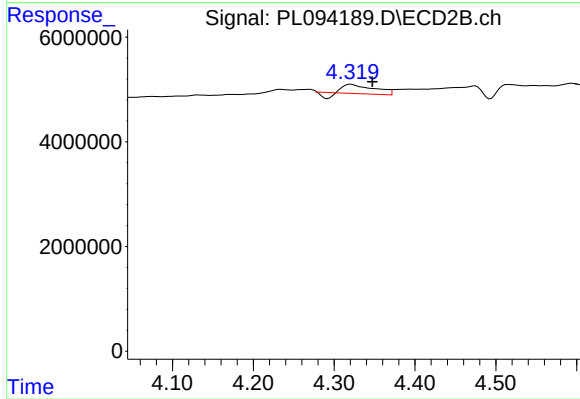
#23 Chlordane-1

R.T.: 3.764 min  
Delta R.T.: -0.007 min  
Response: 43224  
Conc: 0.35 ng/ml



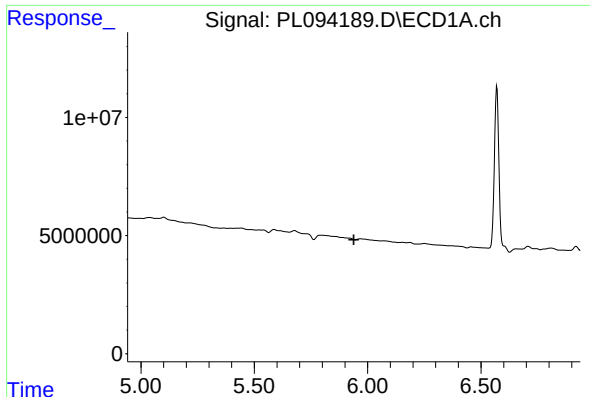
#24 Chlordane-2

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



#24 Chlordane-2

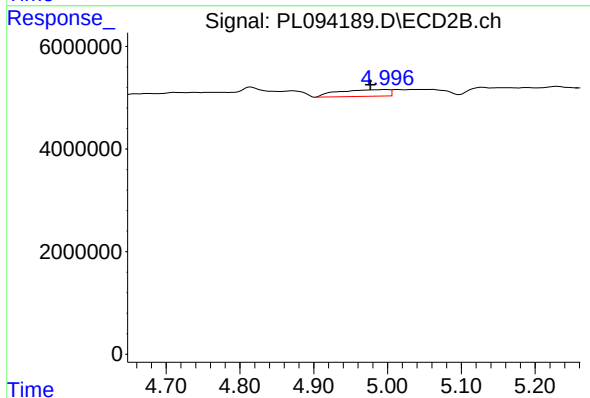
R.T.: 4.321 min  
Delta R.T.: -0.027 min  
Response: 4052744  
Conc: 27.62 ng/ml



#25 Chlordane-3

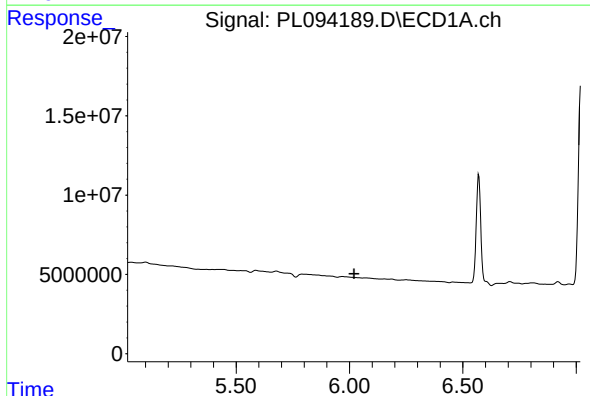
R.T.: 0.000 min  
Exp R.T.: 5.939 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



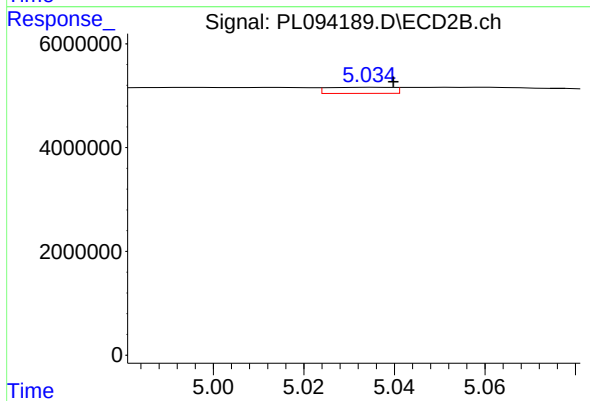
#25 Chlordane-3

R.T.: 4.997 min  
Delta R.T.: 0.020 min  
Response: 6194431  
Conc: 14.25 ng/ml



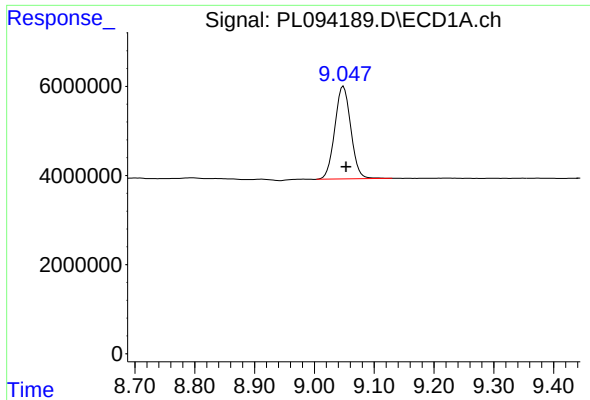
#26 Chlordane-4

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



#26 Chlordane-4

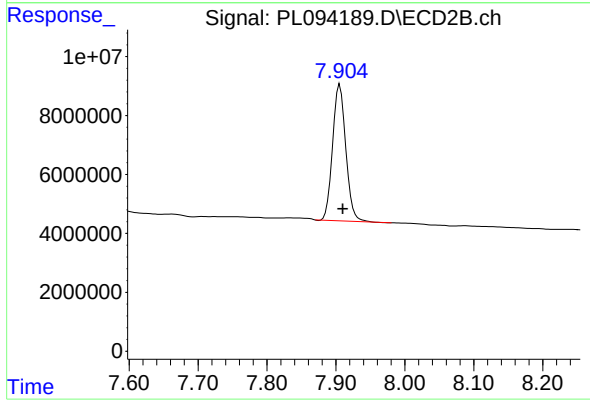
R.T.: 5.035 min  
Delta R.T.: -0.005 min  
Response: 1184995  
Conc: 2.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.004 min  
Response: 38761991  
Conc: 18.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.004 min  
Response: 61250372  
Conc: 17.48 ng/ml