

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
 Data File : PL094197.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2025 14:53  
 Operator : AR\AJ  
 Sample : Q1356-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CARBON-WATERMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 02:21:14 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... | 3.538  | 2.773 | 54473738 | 64920663 | 20.230   | 19.889     |
| 28)                         | SA Decachlor... | 9.050  | 7.906 | 52398595 | 90763160 | 25.048   | 25.902     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.275 | 180.2E6  | 236.8E6  | 47.010   | 48.428     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.605 | 173.8E6  | 226.6E6  | 47.183   | 47.800     |
| 4)                          | MA Heptachlor   | 4.914  | 3.943 | 164.0E6  | 232.0E6  | 50.045   | 49.850     |
| 5)                          | MB Aldrin       | 5.255  | 4.222 | 153.3E6  | 212.9E6  | 46.866   | 46.676     |
| 6)                          | B beta-BHC      | 4.525  | 3.905 | 77308206 | 96850947 | 48.097   | 48.488     |
| 7)                          | B delta-BHC     | 4.772  | 4.134 | 169.2E6  | 227.3E6  | 48.280   | 47.833     |
| 8)                          | B Heptachlo...  | 5.682  | 4.725 | 142.1E6  | 205.8E6  | 47.784   | 49.233     |
| 9)                          | A Endosulfan I  | 6.067  | 5.094 | 130.4E6  | 196.5E6  | 49.333   | 50.679     |
| 10)                         | B gamma-Chl...  | 5.938  | 4.975 | 139.6E6  | 217.0E6  | 50.066   | 51.213     |
| 11)                         | B alpha-Chl...  | 6.016  | 5.038 | 139.3E6  | 212.9E6  | 49.957   | 50.853     |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.227 | 128.1E6  | 208.6E6  | 52.633   | 52.039     |
| 13)                         | MA Dieldrin     | 6.342  | 5.359 | 135.7E6  | 216.5E6  | 48.896   | 50.401     |
| 14)                         | MA Endrin       | 6.572  | 5.634 | 118.5E6  | 197.0E6  | 50.552   | 53.338     |
| 15)                         | B Endosulfa...  | 6.792  | 5.929 | 117.8E6  | 192.8E6  | 48.882   | 52.041     |
| 16)                         | A 4,4'-DDD      | 6.708  | 5.782 | 99264060 | 165.1E6  | 52.229   | 52.316     |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.032 | 109.2E6  | 187.6E6  | 55.350   | 57.649     |
| 18)                         | B Endrin al...  | 6.921  | 6.108 | 93155353 | 150.1E6  | 47.918   | 49.300     |
| 19)                         | B Endosulfa...  | 7.156  | 6.331 | 110.6E6  | 186.8E6  | 48.876   | 52.382     |
| 20)                         | A Methoxychlor  | 7.497  | 6.606 | 57539494 | 98690913 | 55.146   | 55.192     |
| 21)                         | B Endrin ke...  | 7.641  | 6.835 | 122.0E6  | 215.6E6  | 48.370   | 51.381     |
| 22)                         | Mirex           | 8.113  | 7.015 | 95447676 | 165.5E6  | 45.833   | 48.925     |
| 23)                         | Chlordane-1     | 0.000  | 3.785 | 0        | 135982   | N.D.     | 1.090 #    |
| 24)                         | Chlordane-2     | 5.255f | 4.361 | 153.3E6  | 423061   | 1309.716 | 2.883 #    |
| 25)                         | Chlordane-3     | 5.938  | 4.975 | 139.6E6  | 217.0E6  | 355.760  | 499.101 #  |
| 26)                         | Chlordane-4     | 6.016  | 5.038 | 139.3E6  | 212.9E6  | 296.314  | 502.511 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.929 | 0        | 192.8E6  | N.D.     | 1258.477 # |
| -----                       |                 |        |       |          |          |          |            |

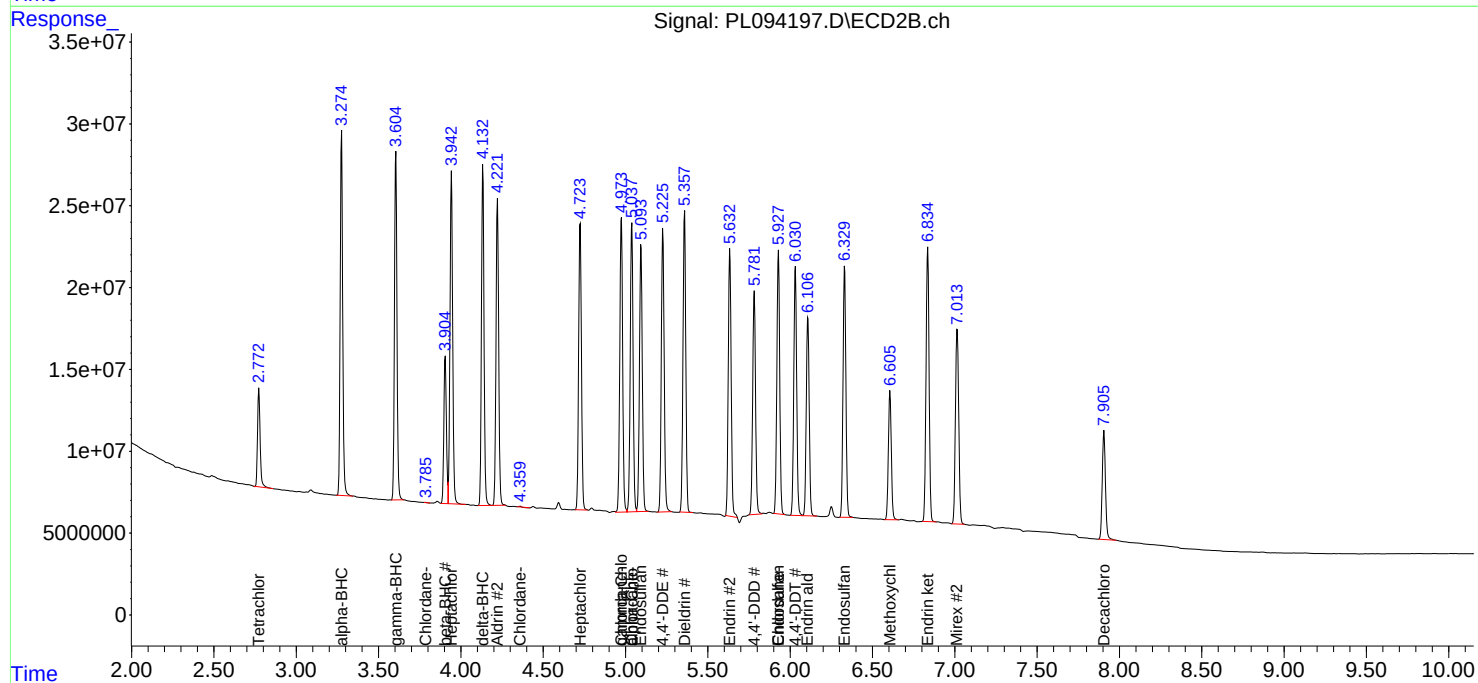
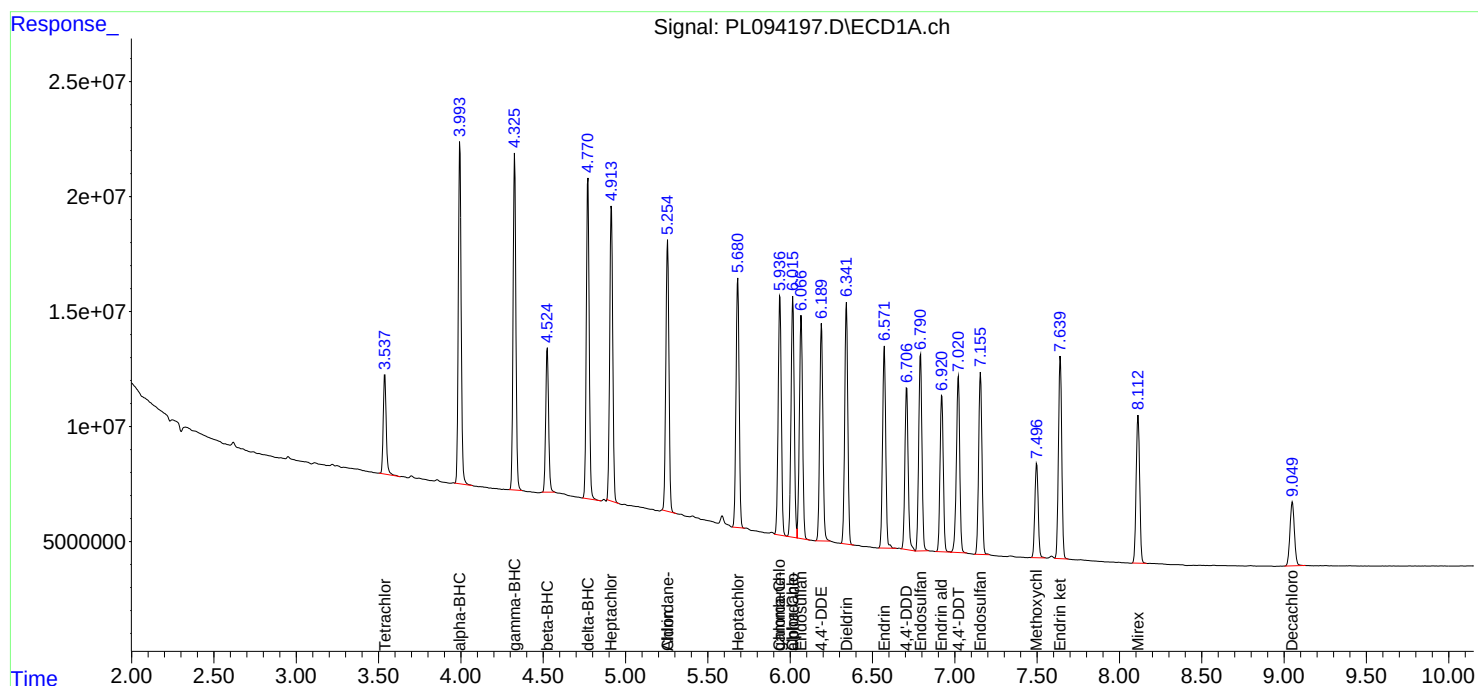
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

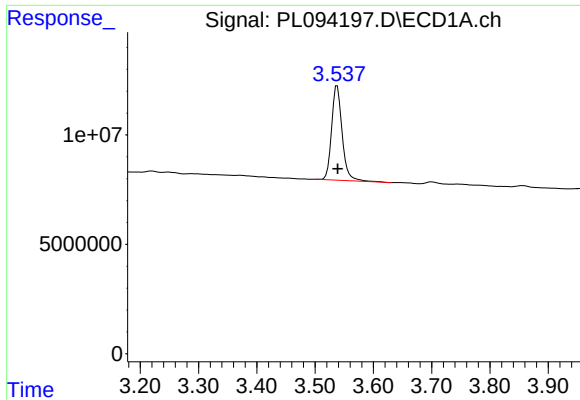
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
Data File : PL094197.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2025 14:53  
Operator : AR\AJ  
Sample : Q1356-04MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 02:21:14 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

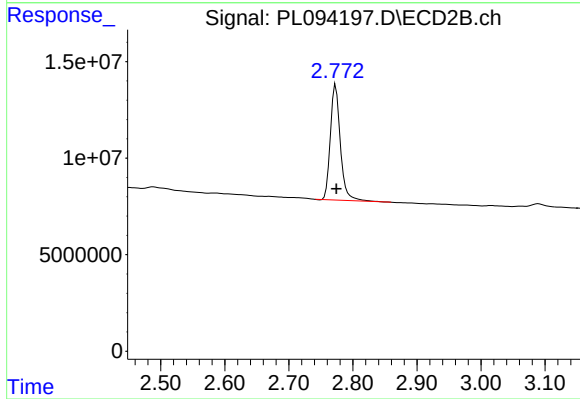




#1 Tetrachloro-m-xylene

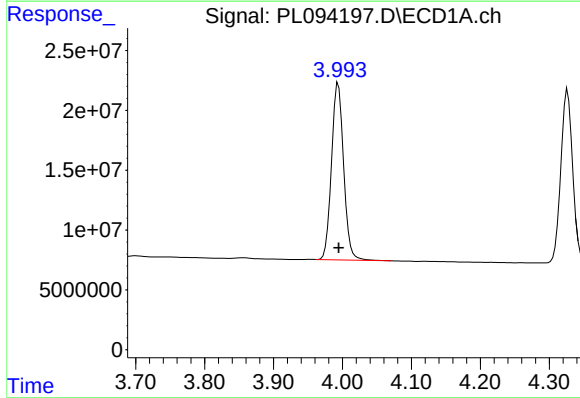
R.T.: 3.538 min  
Delta R.T.: -0.001 min  
Response: 54473738  
Conc: 20.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



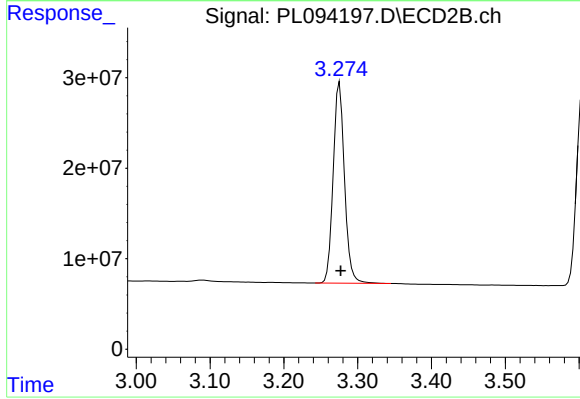
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.001 min  
Response: 64920663  
Conc: 19.89 ng/ml



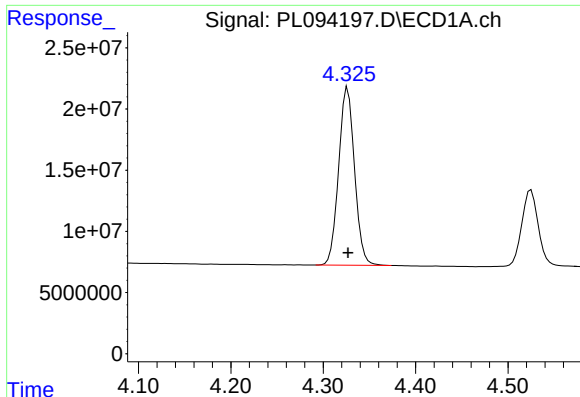
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 180228797  
Conc: 47.01 ng/ml



#2 alpha-BHC

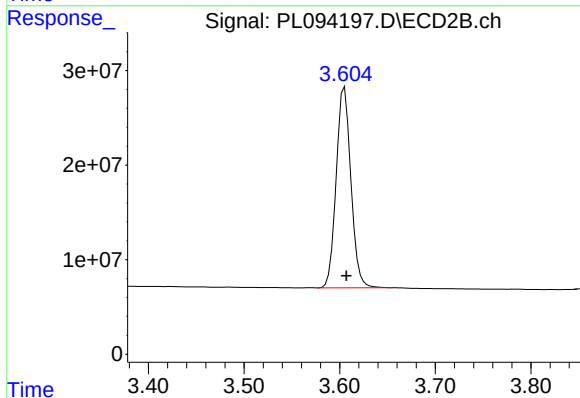
R.T.: 3.275 min  
Delta R.T.: -0.001 min  
Response: 236764408  
Conc: 48.43 ng/ml



#3 gamma-BHC (Lindane)

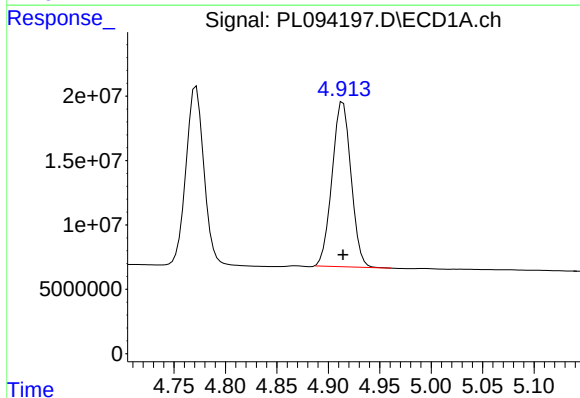
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 173766205  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



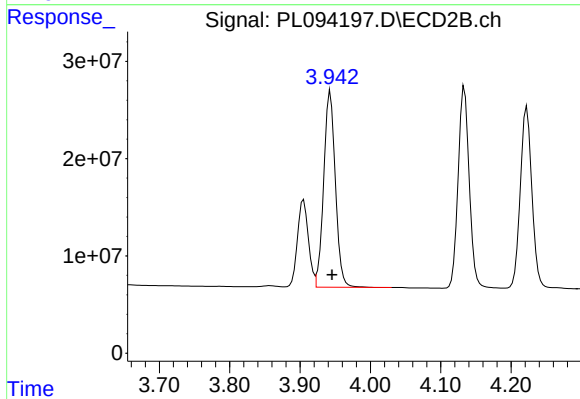
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.002 min  
Response: 226630059  
Conc: 47.80 ng/ml



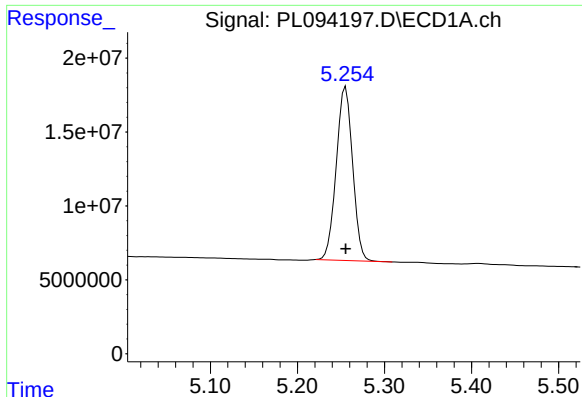
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.000 min  
Response: 164015409  
Conc: 50.05 ng/ml



#4 Heptachlor

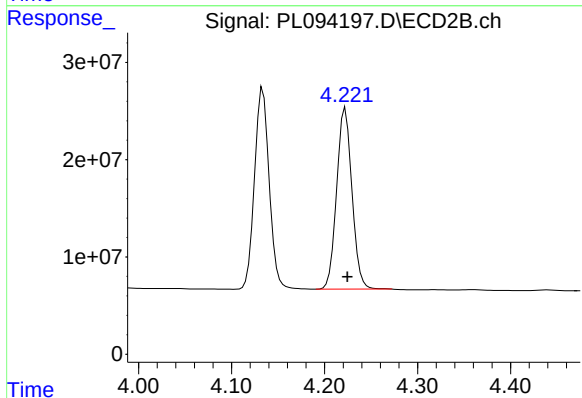
R.T.: 3.943 min  
Delta R.T.: -0.002 min  
Response: 232040875  
Conc: 49.85 ng/ml



#5 Aldrin

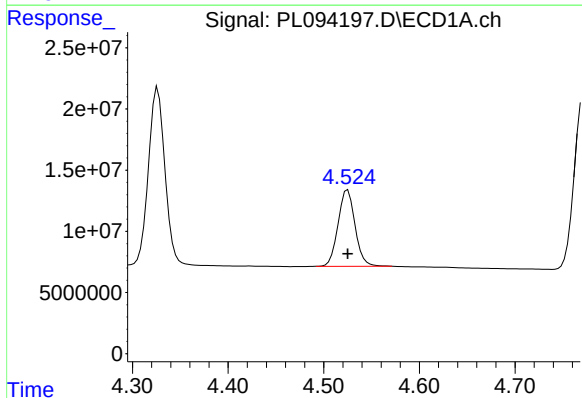
R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 153342484  
Conc: 46.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



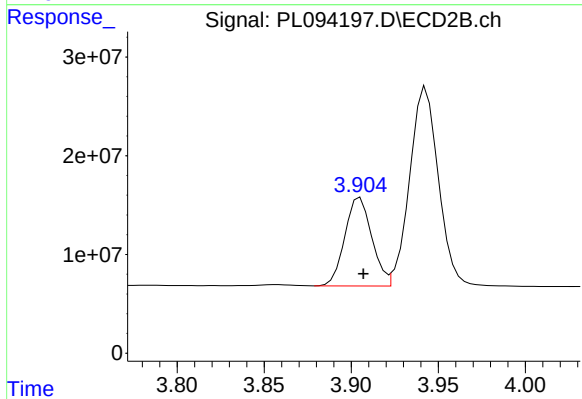
#5 Aldrin

R.T.: 4.222 min  
Delta R.T.: -0.002 min  
Response: 212924190  
Conc: 46.68 ng/ml



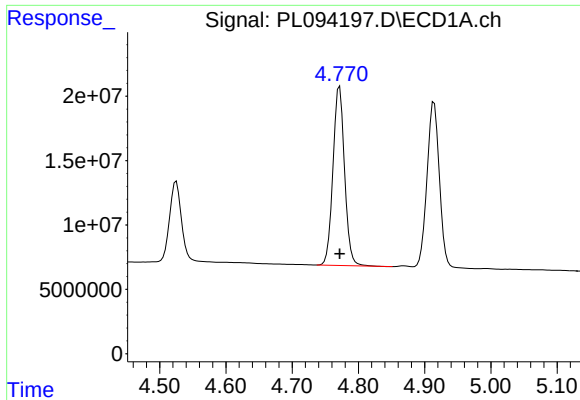
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 77308206  
Conc: 48.10 ng/ml



#6 beta-BHC

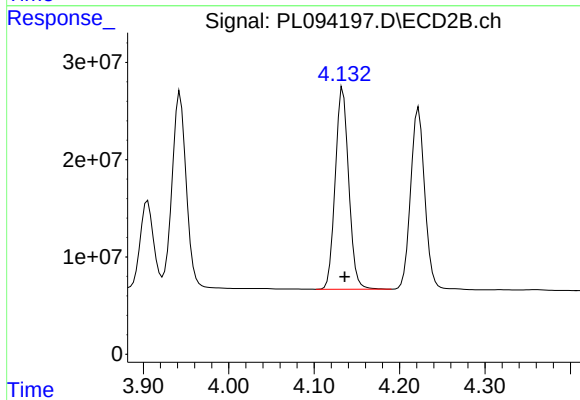
R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 96850947  
Conc: 48.49 ng/ml



#7 delta-BHC

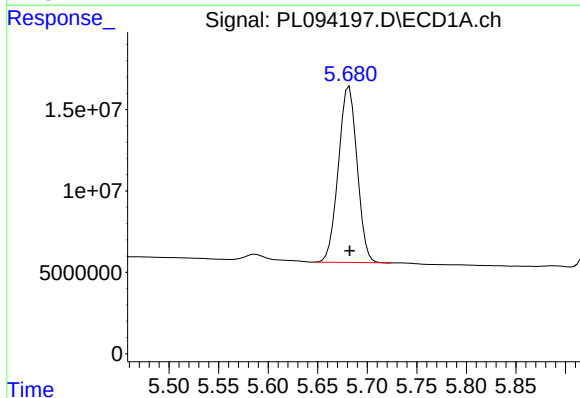
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 169234898  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



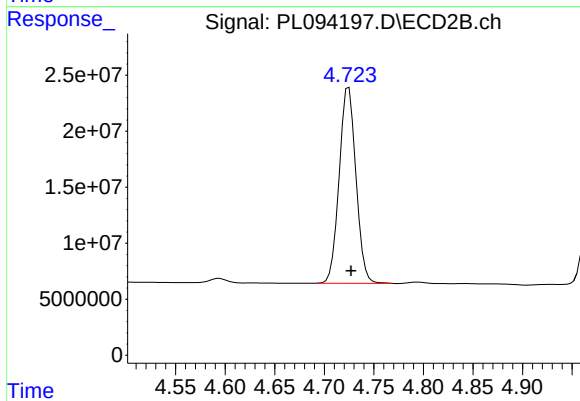
#7 delta-BHC

R.T.: 4.134 min  
Delta R.T.: -0.002 min  
Response: 227267654  
Conc: 47.83 ng/ml



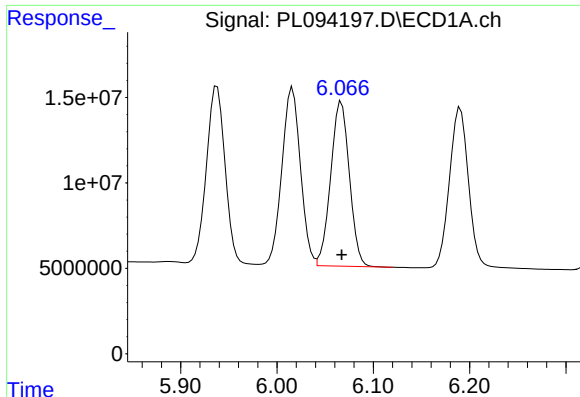
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: 0.000 min  
Response: 142100124  
Conc: 47.78 ng/ml



#8 Heptachlor epoxide

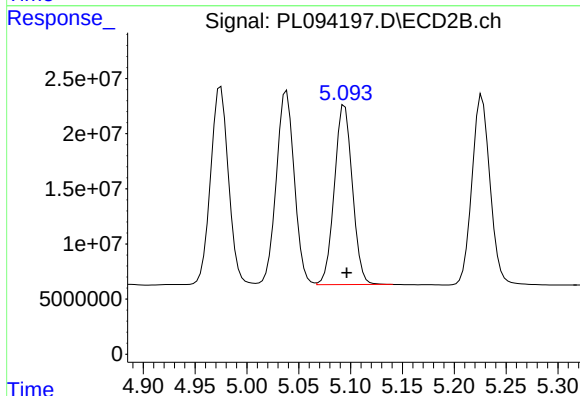
R.T.: 4.725 min  
Delta R.T.: -0.002 min  
Response: 205808347  
Conc: 49.23 ng/ml



#9 Endosulfan I

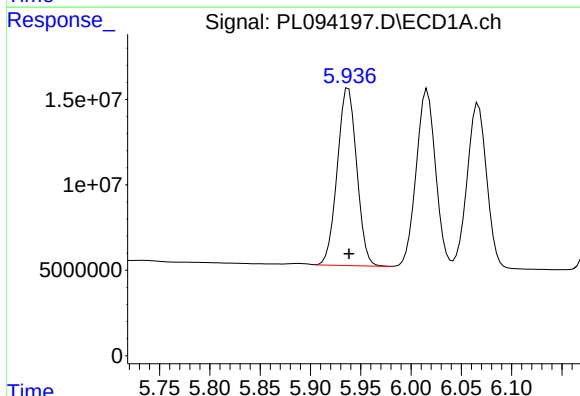
R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 130379663  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



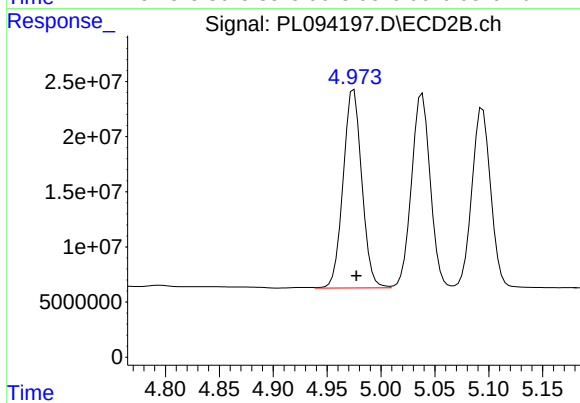
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: -0.002 min  
Response: 196477061  
Conc: 50.68 ng/ml



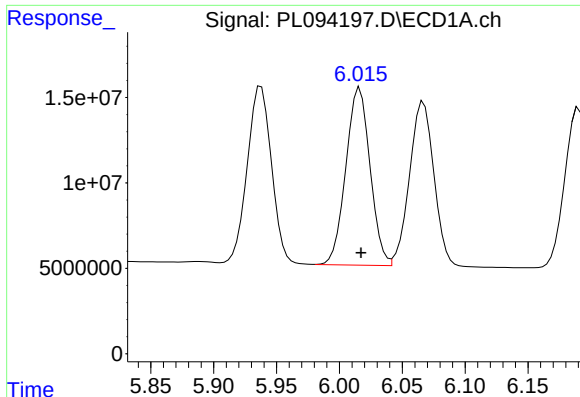
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 139552080  
Conc: 50.07 ng/ml



#10 gamma-Chlordane

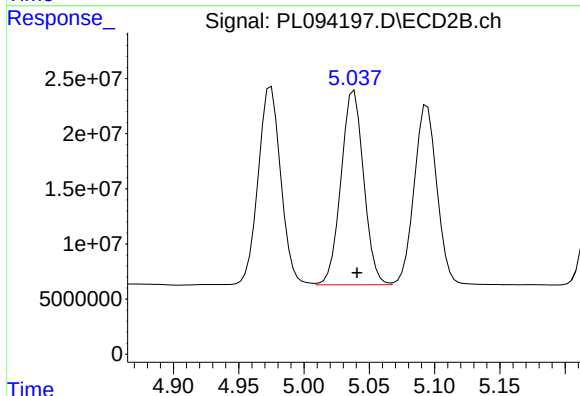
R.T.: 4.975 min  
Delta R.T.: -0.002 min  
Response: 217019904  
Conc: 51.21 ng/ml



#11 alpha-Chlordane

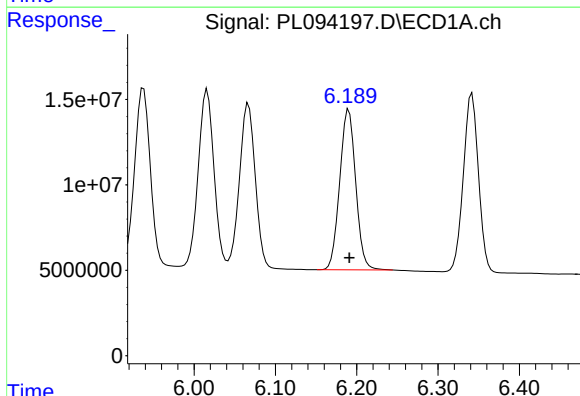
R.T.: 6.016 min  
Delta R.T.: -0.001 min  
Response: 139299158  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



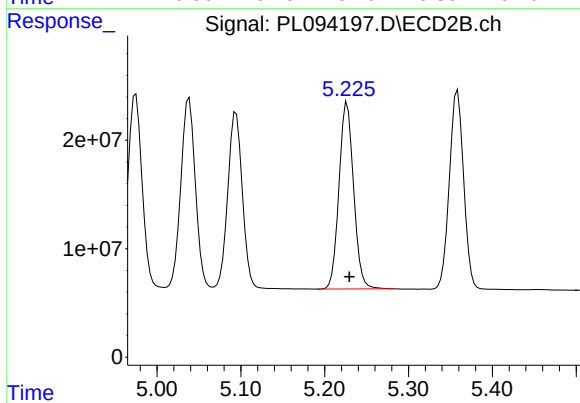
#11 alpha-Chlordane

R.T.: 5.038 min  
Delta R.T.: -0.002 min  
Response: 212897988  
Conc: 50.85 ng/ml



#12 4,4'-DDE

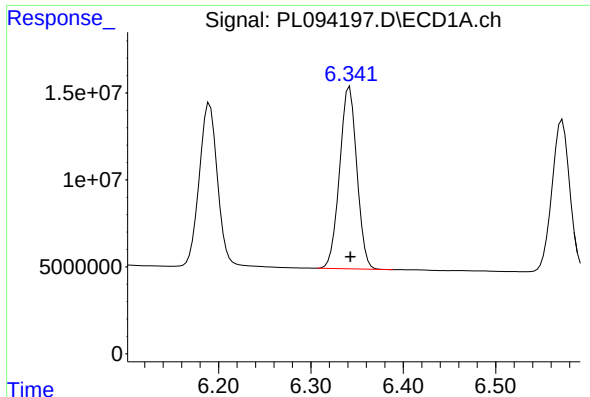
R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 128140071  
Conc: 52.63 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min  
Delta R.T.: -0.003 min  
Response: 208647390  
Conc: 52.04 ng/ml

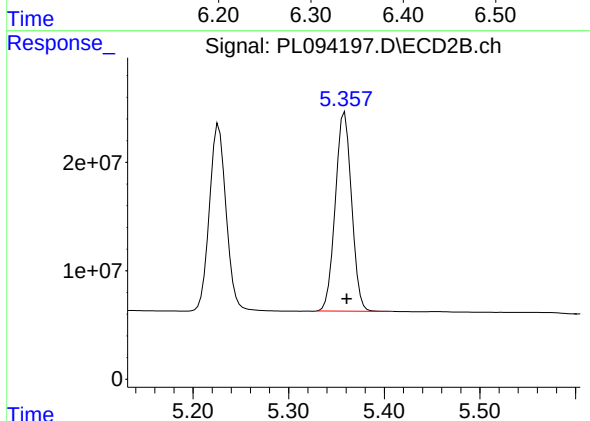




#13 Dieldrin

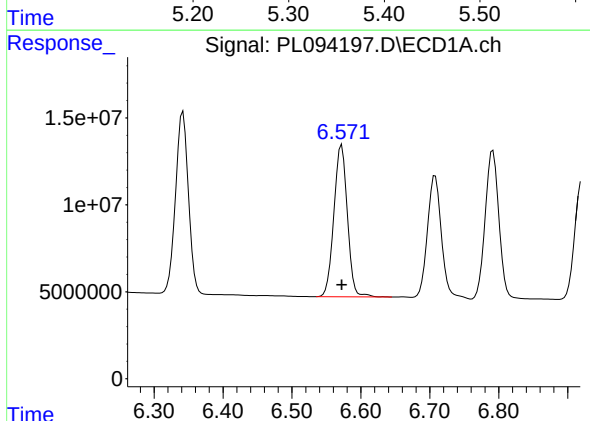
R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 135728956  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



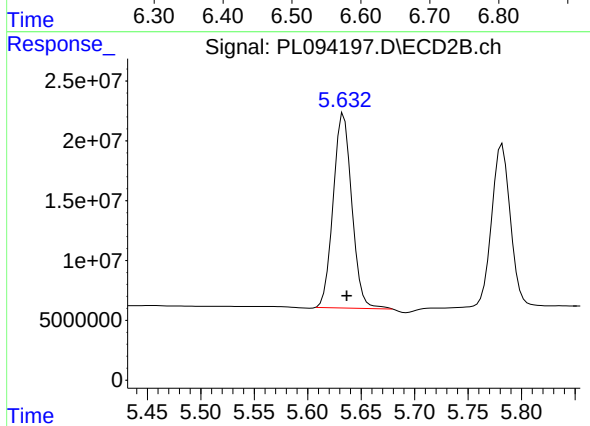
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: -0.002 min  
Response: 216503716  
Conc: 50.40 ng/ml



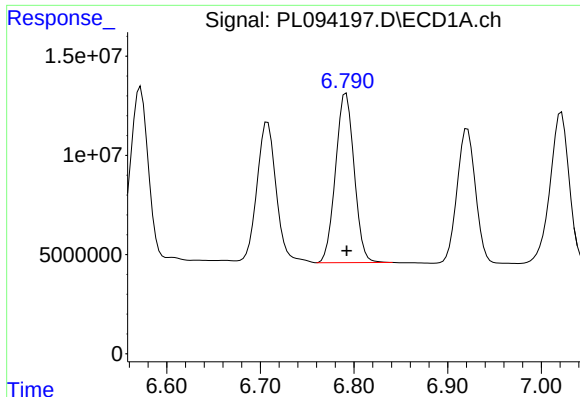
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 118534270  
Conc: 50.55 ng/ml



#14 Endrin

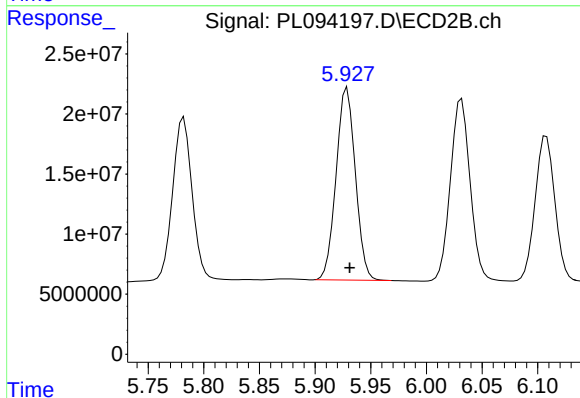
R.T.: 5.634 min  
Delta R.T.: -0.003 min  
Response: 196959786  
Conc: 53.34 ng/ml



#15 Endosulfan II

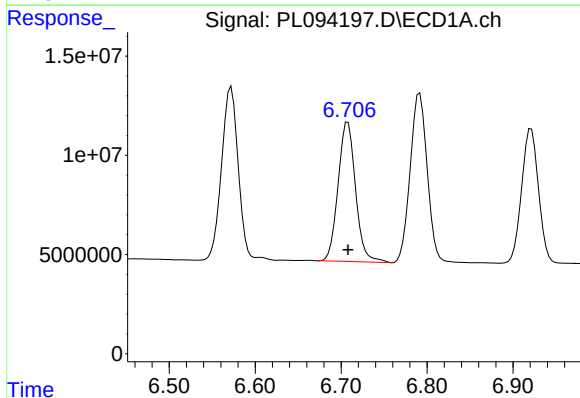
R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 117773435  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



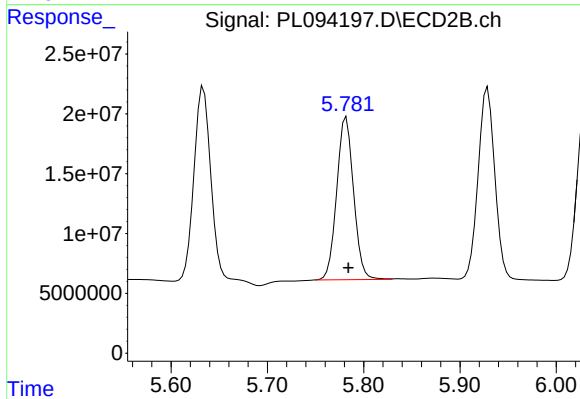
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 192751926  
Conc: 52.04 ng/ml



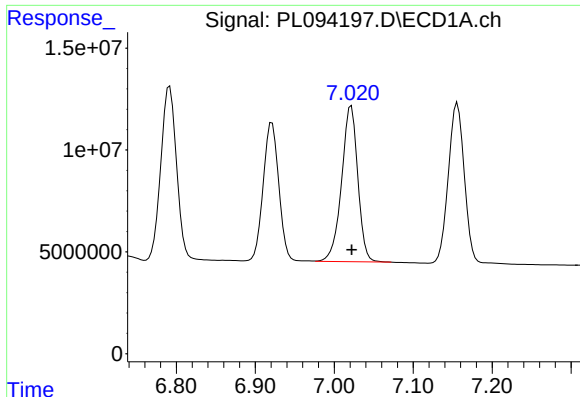
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 99264060  
Conc: 52.23 ng/ml



#16 4,4'-DDD

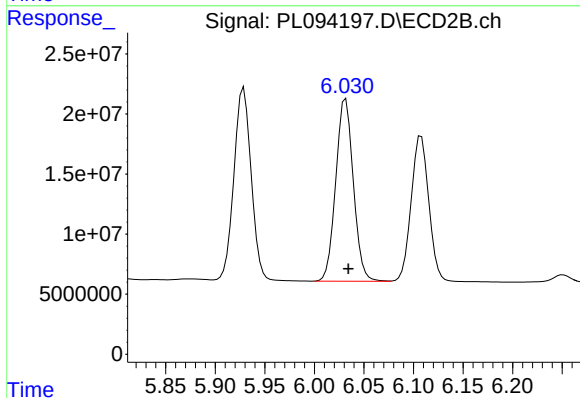
R.T.: 5.782 min  
Delta R.T.: -0.002 min  
Response: 165137759  
Conc: 52.32 ng/ml



#17 4,4'-DDT

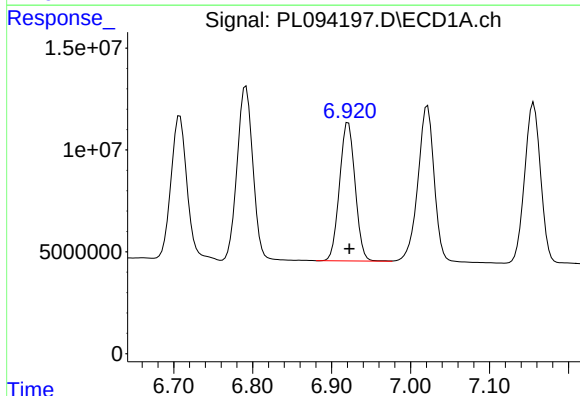
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 109154015  
Conc: 55.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



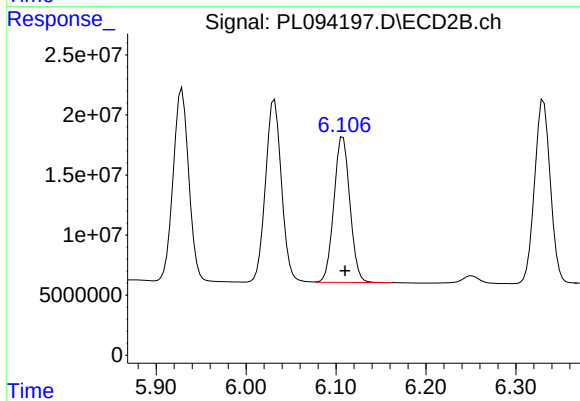
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 187591754  
Conc: 57.65 ng/ml



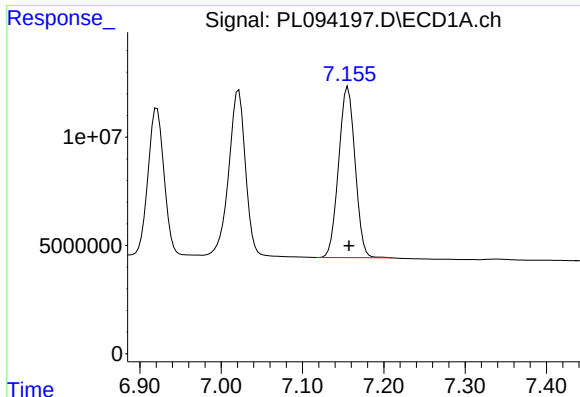
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 93155353  
Conc: 47.92 ng/ml



#18 Endrin aldehyde

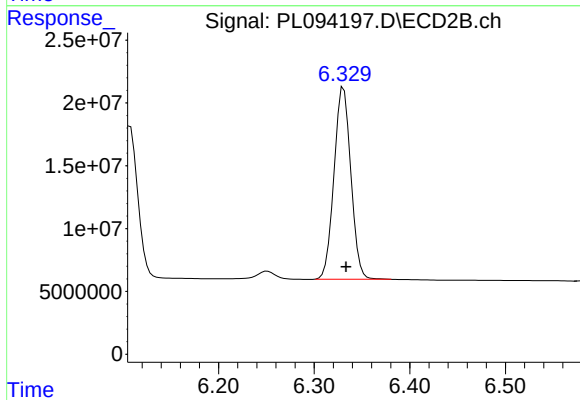
R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 150101536  
Conc: 49.30 ng/ml



#19 Endosulfan Sulfate

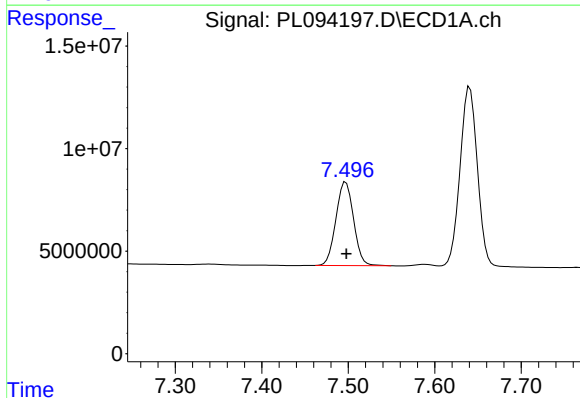
R.T.: 7.156 min  
Delta R.T.: -0.001 min  
Response: 110642903  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



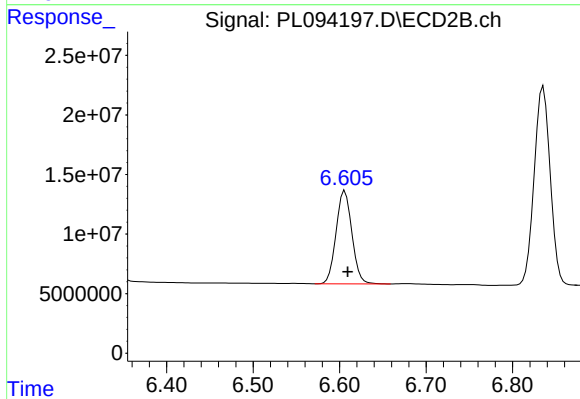
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: -0.003 min  
Response: 186797276  
Conc: 52.38 ng/ml



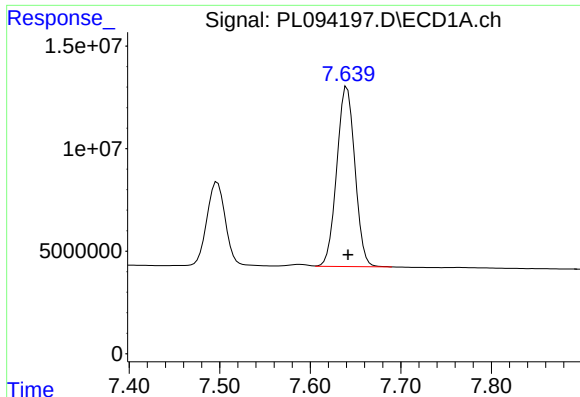
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: 0.000 min  
Response: 57539494  
Conc: 55.15 ng/ml



#20 Methoxychlor

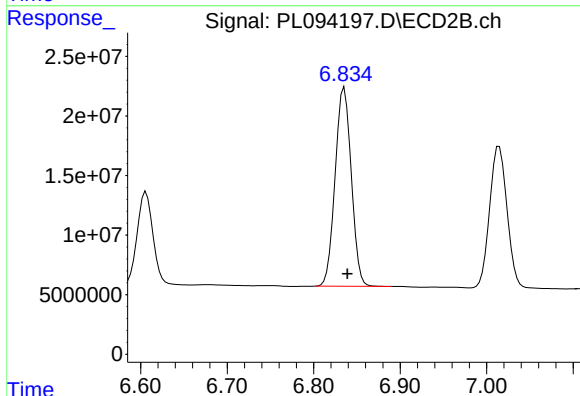
R.T.: 6.606 min  
Delta R.T.: -0.003 min  
Response: 98690913  
Conc: 55.19 ng/ml



#21 Endrin ketone

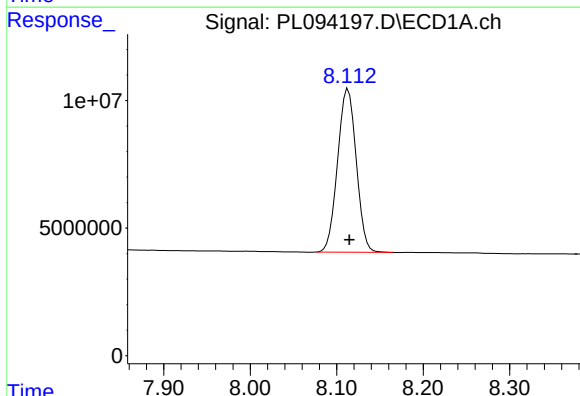
R.T.: 7.641 min  
Delta R.T.: -0.001 min  
Response: 122019796  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



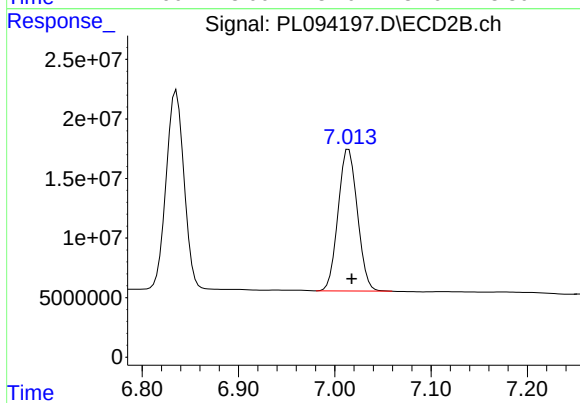
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.003 min  
Response: 21555000  
Conc: 51.38 ng/ml



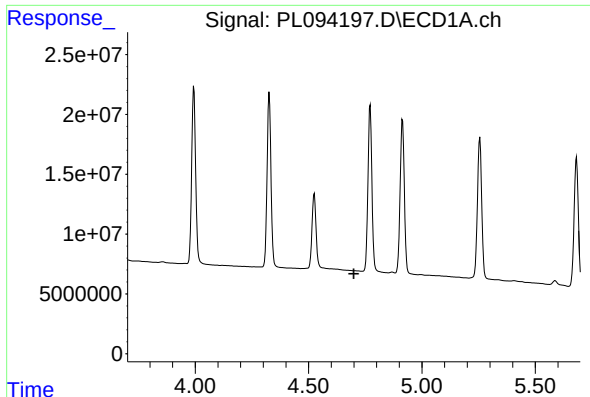
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.001 min  
Response: 95447676  
Conc: 45.83 ng/ml



#22 Mirex

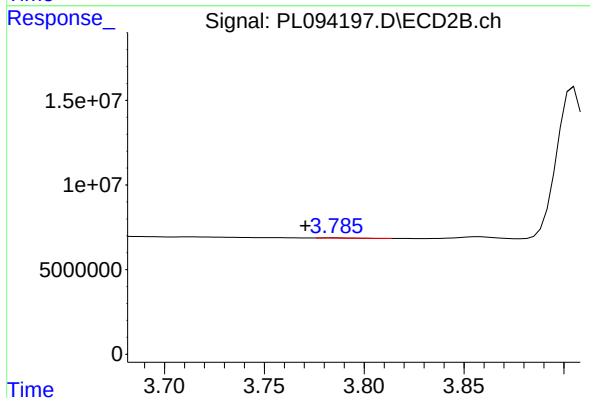
R.T.: 7.015 min  
Delta R.T.: -0.003 min  
Response: 165458996  
Conc: 48.93 ng/ml



#23 Chlordane-1

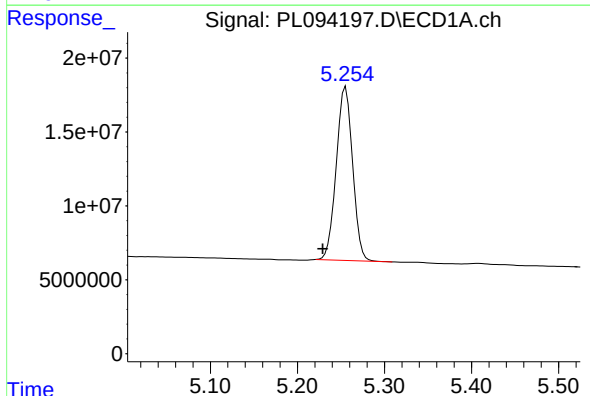
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



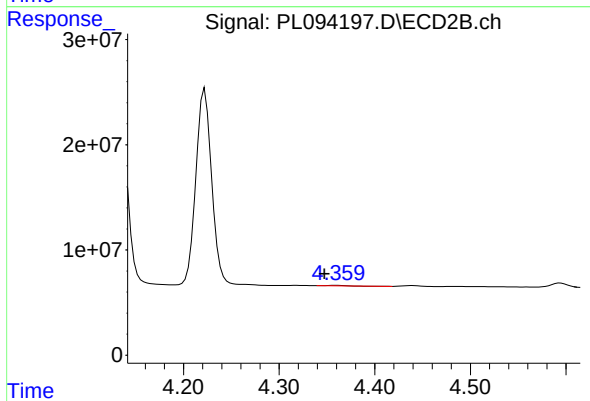
#23 Chlordane-1

R.T.: 3.785 min  
Delta R.T.: 0.014 min  
Response: 135982  
Conc: 1.09 ng/ml



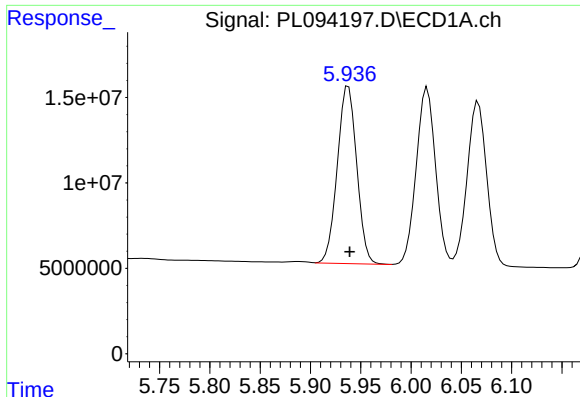
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.026 min  
Response: 153342484  
Conc: 1309.72 ng/ml



#24 Chlordane-2

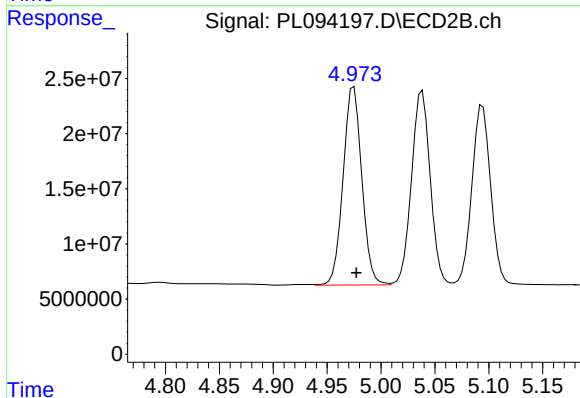
R.T.: 4.361 min  
Delta R.T.: 0.013 min  
Response: 423061  
Conc: 2.88 ng/ml



#25 Chlordane-3

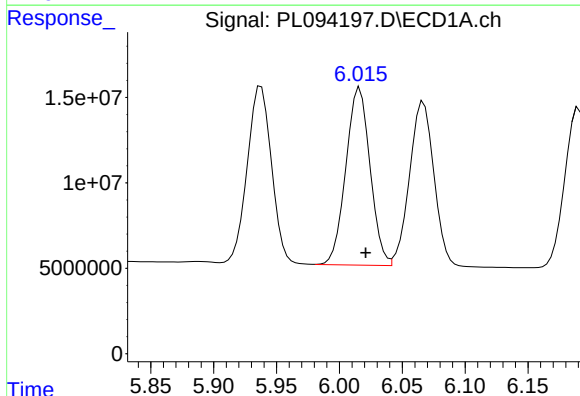
R.T.: 5.938 min  
Delta R.T.: -0.001 min  
Response: 139552080  
Conc: 355.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



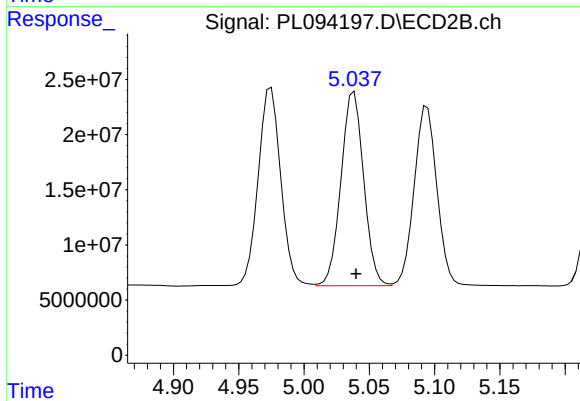
#25 Chlordane-3

R.T.: 4.975 min  
Delta R.T.: -0.002 min  
Response: 217019904  
Conc: 499.10 ng/ml



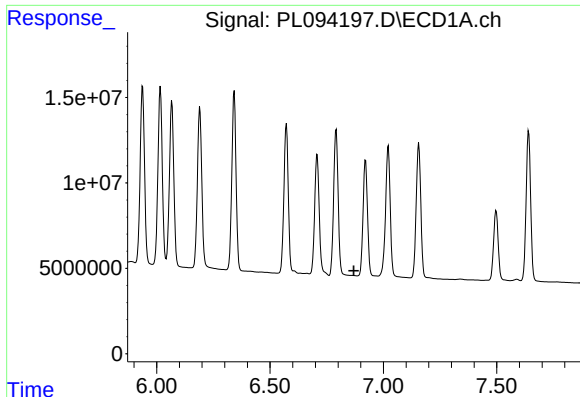
#26 Chlordane-4

R.T.: 6.016 min  
Delta R.T.: -0.005 min  
Response: 139299158  
Conc: 296.31 ng/ml



#26 Chlordane-4

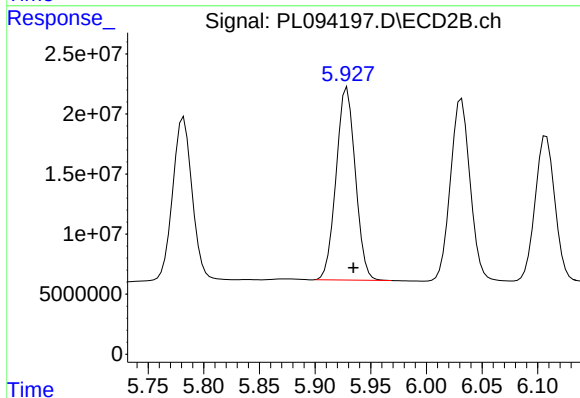
R.T.: 5.038 min  
Delta R.T.: -0.001 min  
Response: 212897988  
Conc: 502.51 ng/ml



#27 Chlordane-5

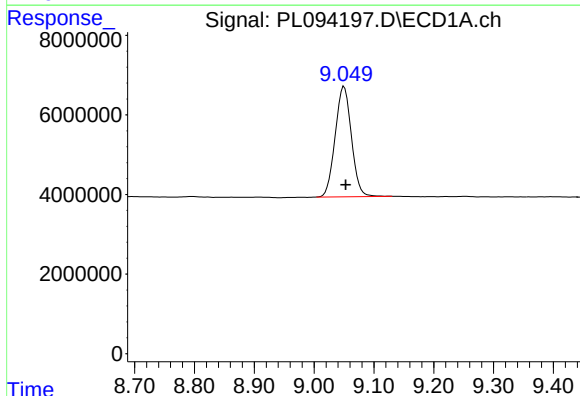
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CARBON-WATERMS



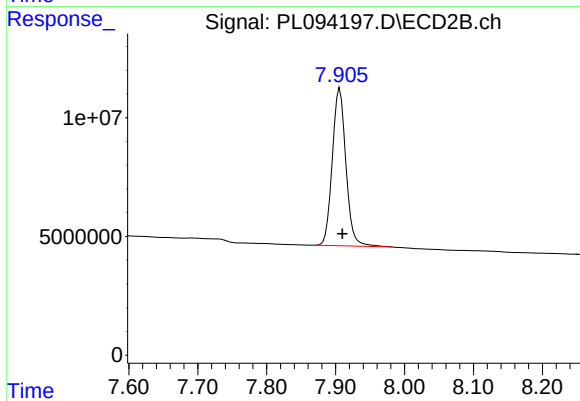
#27 Chlordane-5

R.T.: 5.929 min  
Delta R.T.: -0.006 min  
Response: 192751926  
Conc: 1258.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min  
Delta R.T.: -0.003 min  
Response: 52398595  
Conc: 25.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.004 min  
Response: 90763160  
Conc: 25.90 ng/ml