

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073124\  
 Data File : PL090693.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jul 2024 10:16  
 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: Jul 31 13:14:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 2024  
 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... | 3.554  | 2.789  | 45052039 | 36444395 | 21.637  | 21.655  |
| 28)                         | SA Decachlor... | 9.073  | 7.934  | 33142673 | 40673473 | 24.941  | 27.895  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.009  | 3.292  | 32972402 | 24241089 | 11.112  | 10.033  |
| 3)                          | MA gamma-BHC... | 4.342  | 3.623  | 31432376 | 22919278 | 11.224  | 9.939   |
| 5)                          | MB Aldrin       | 0.000  | 4.255  | 0        | 230915   | N.D.    | 0.109 # |
| 6)                          | B beta-BHC      | 4.538  | 3.922  | 14933662 | 11841007 | 11.772  | 11.472  |
| 7)                          | B delta-BHC     | 0.000  | 4.148  | 0        | 80510    | N.D.    | 0.037 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.124  | 0        | 148158   | N.D.    | 0.081 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.004  | 0        | 464485   | N.D.    | 0.229 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.073  | 0        | 64683    | N.D.    | 0.032 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.252  | 0        | 455751   | N.D.    | 0.255 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.380  | 0        | 358786   | N.D.    | 0.183 # |
| 14)                         | MA Endrin       | 6.590  | 5.659  | 93429841 | 85100732 | 50.820  | 49.445  |
| 15)                         | B Endosulfa...  | 6.827f | 5.968f | 3159632  | 947485   | 1.606   | 0.555 # |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.806  | 6229429  | 3377020  | 3.690   | 2.254 # |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.058  | 167.3E6  | 173.6E6  | 99.372  | 118.487 |
| 18)                         | B Endrin al...  | 6.938  | 6.133  | 3312423  | 3335782  | 2.233   | 2.553   |
| 19)                         | B Endosulfa...  | 0.000  | 6.342  | 0        | 391396   | N.D.    | 0.243 # |
| 20)                         | A Methoxychlor  | 7.514  | 6.633  | 219.9E6  | 209.8E6  | 249.043 | 259.440 |
| 21)                         | B Endrin ke...  | 7.657  | 6.861  | 7585691  | 6811890  | 3.974   | 3.727   |
| 22)                         | Mirex           | 0.000  | 7.053  | 0        | 118079   | N.D.    | 0.079 # |
| 23)                         | Chlordane-1     | 0.000  | 3.800  | 0        | 36270    | N.D.    | 0.586 # |
| 24)                         | Chlordane-2     | 0.000  | 4.374  | 0        | 141047   | N.D.    | 1.860 # |
| 25)                         | Chlordane-3     | 0.000  | 5.004  | 0        | 464485   | N.D.    | 2.247 # |
| 26)                         | Chlordane-4     | 0.000  | 5.073  | 0        | 64683    | N.D.    | 0.331 # |
| 27)                         | Chlordane-5     | 0.000  | 5.726  | 0        | 417048   | N.D.    | 6.919 # |
| -----                       |                 |        |        |          |          |         |         |

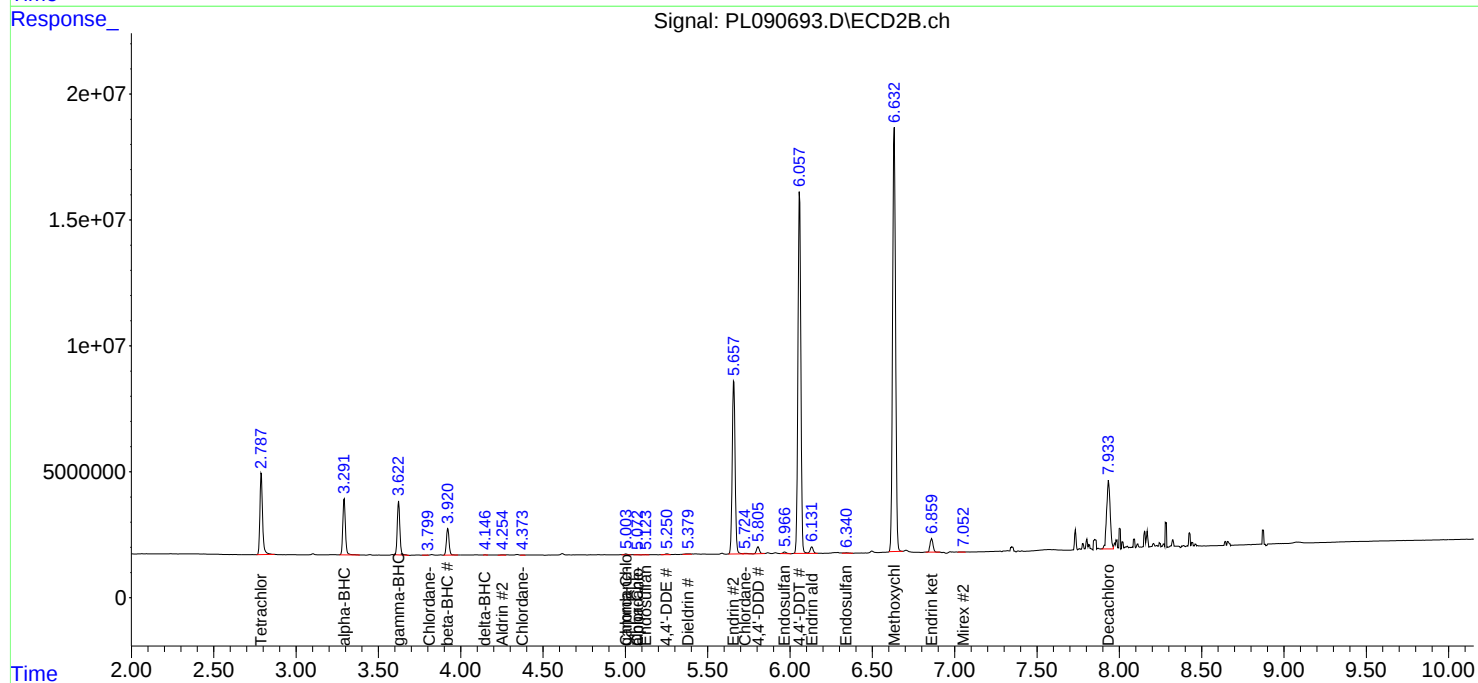
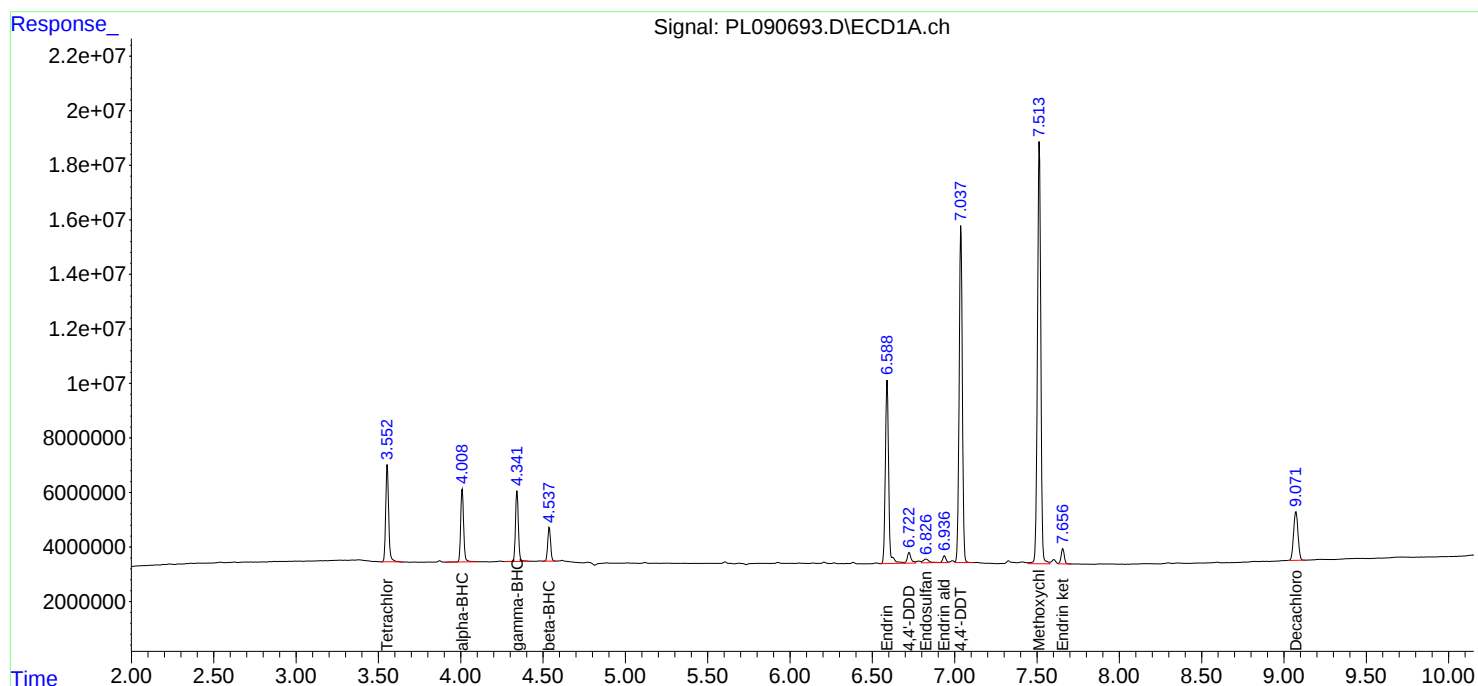
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

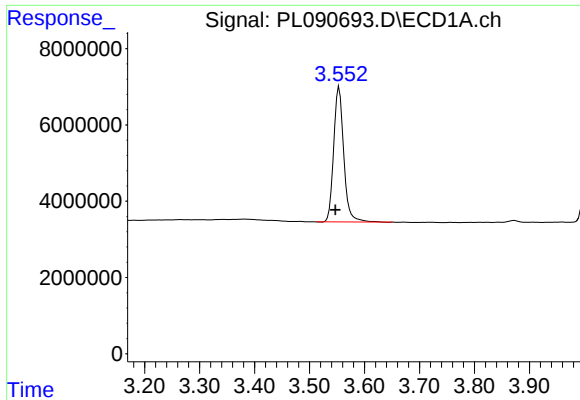
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073124\  
Data File : PL090693.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jul 2024 10:16  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 13:14:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
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

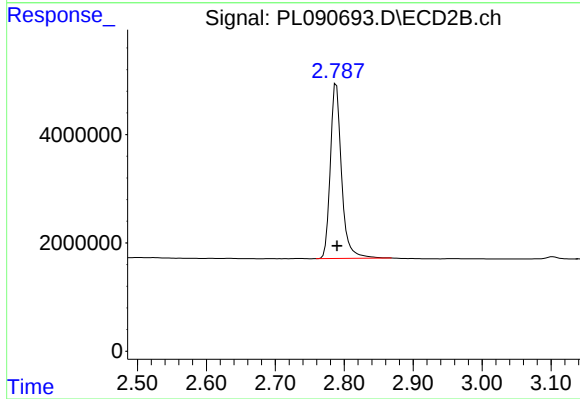




#1 Tetrachloro-m-xylene

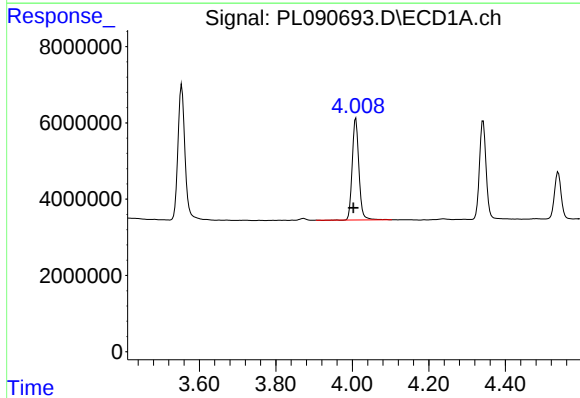
R.T.: 3.554 min  
Delta R.T.: 0.007 min  
Response: 45052039  
Conc: 21.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



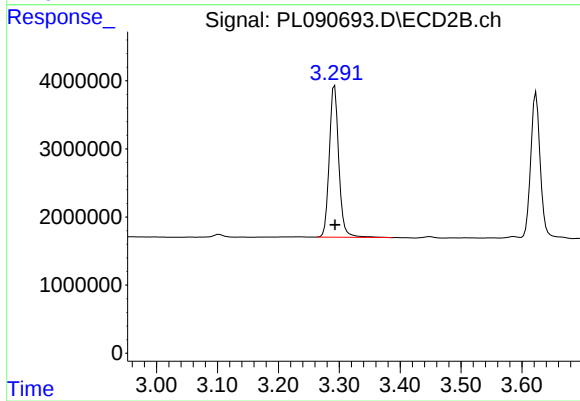
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: -0.001 min  
Response: 36444395  
Conc: 21.65 ng/ml



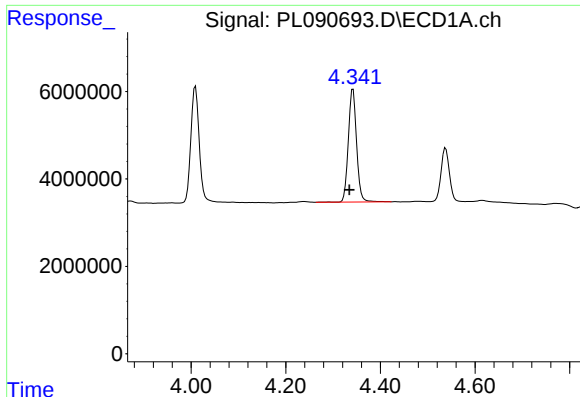
#2 alpha-BHC

R.T.: 4.009 min  
Delta R.T.: 0.007 min  
Response: 32972402  
Conc: 11.11 ng/ml



#2 alpha-BHC

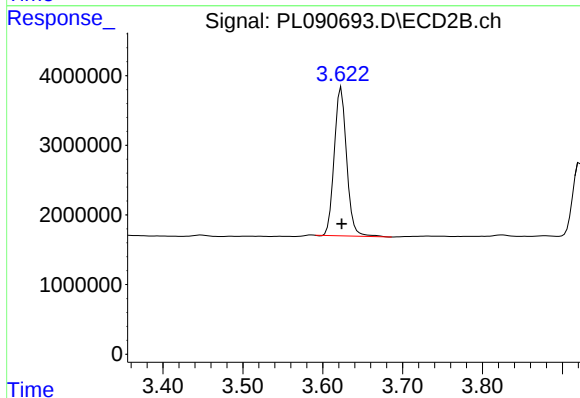
R.T.: 3.292 min  
Delta R.T.: -0.001 min  
Response: 24241089  
Conc: 10.03 ng/ml



#3 gamma-BHC (Lindane)

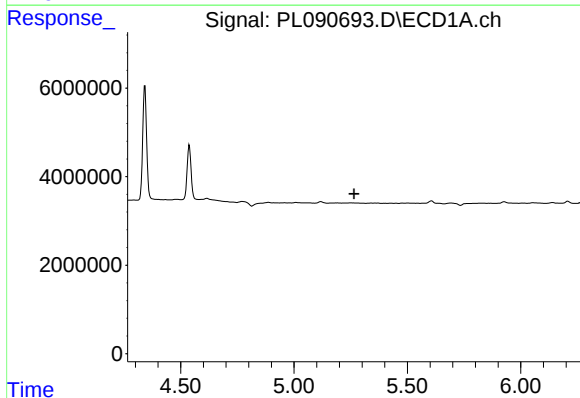
R.T.: 4.342 min  
Delta R.T.: 0.008 min  
Response: 31432376  
Conc: 11.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



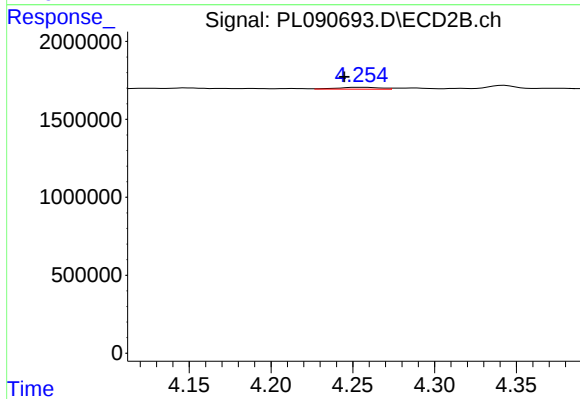
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: 0.000 min  
Response: 22919278  
Conc: 9.94 ng/ml



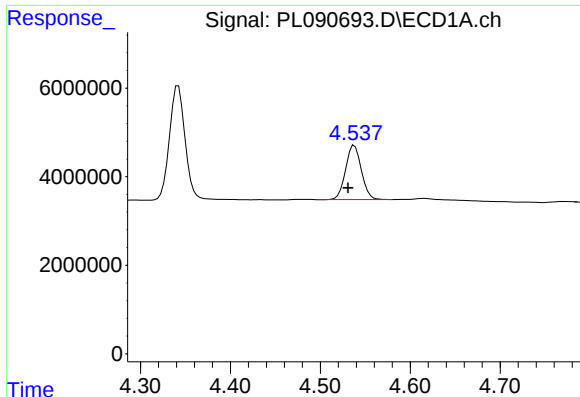
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.266 min  
Response: 0  
Conc: N.D.



#5 Aldrin

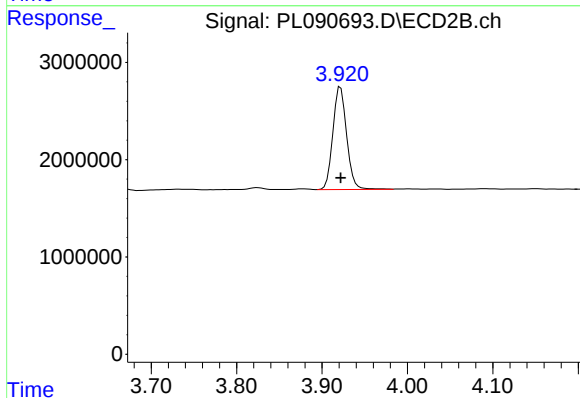
R.T.: 4.255 min  
Delta R.T.: 0.010 min  
Response: 230915  
Conc: 0.11 ng/ml



#6 beta-BHC

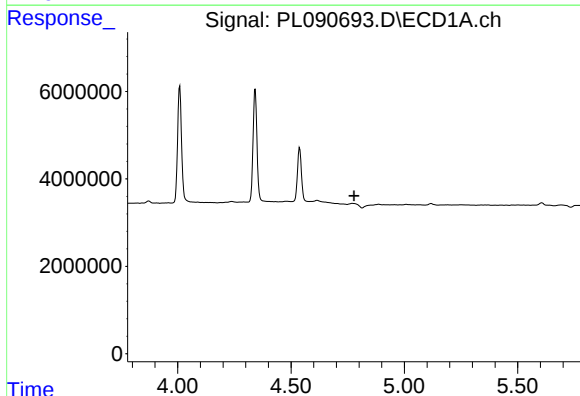
R.T.: 4.538 min  
Delta R.T.: 0.007 min  
Response: 14933662  
Conc: 11.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



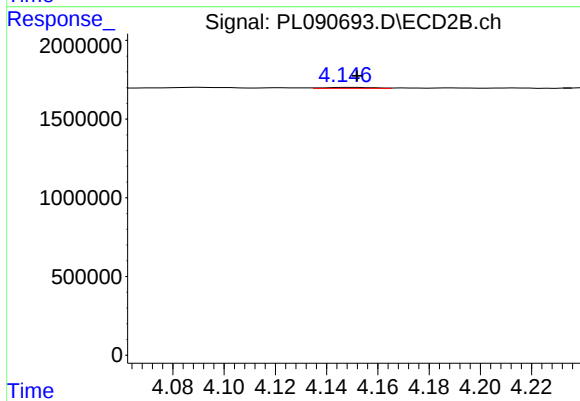
#6 beta-BHC

R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 11841007  
Conc: 11.47 ng/ml



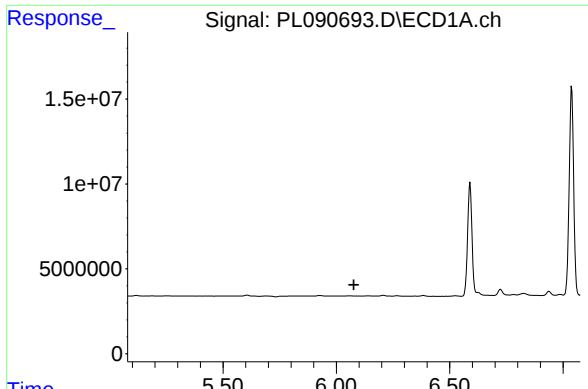
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.778 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

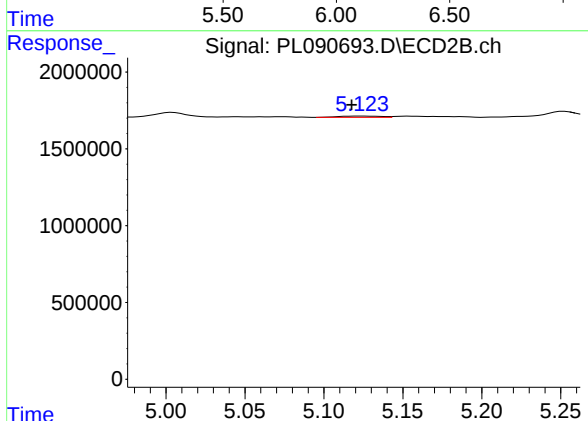
R.T.: 4.148 min  
Delta R.T.: -0.004 min  
Response: 80510  
Conc: 0.04 ng/ml



#9 Endosulfan I

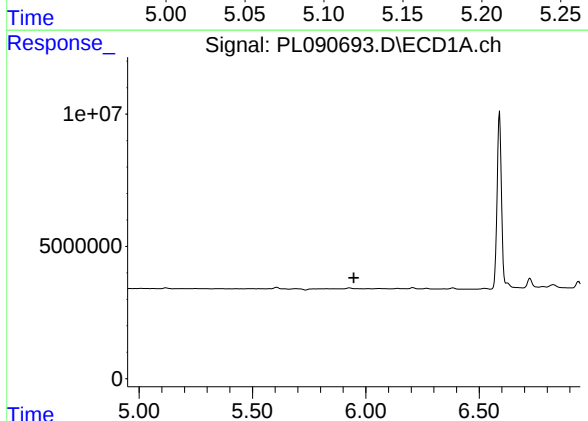
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



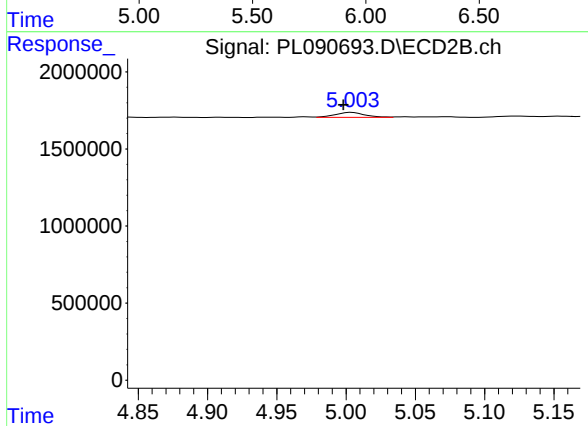
#9 Endosulfan I

R.T.: 5.124 min  
Delta R.T.: 0.006 min  
Response: 148158  
Conc: 0.08 ng/ml



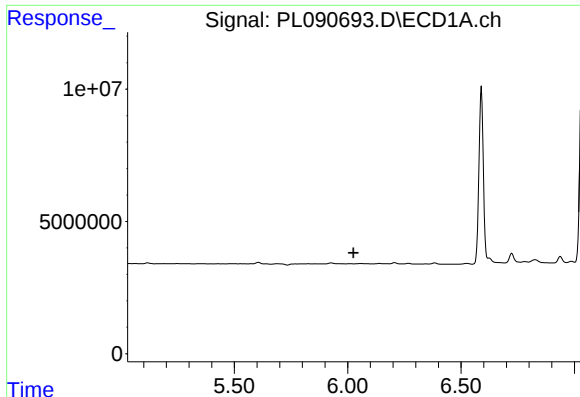
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.947 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

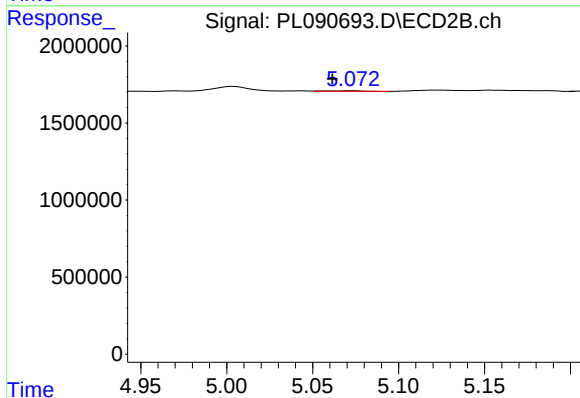
R.T.: 5.004 min  
Delta R.T.: 0.006 min  
Response: 464485  
Conc: 0.23 ng/ml



#11 alpha-Chlordane

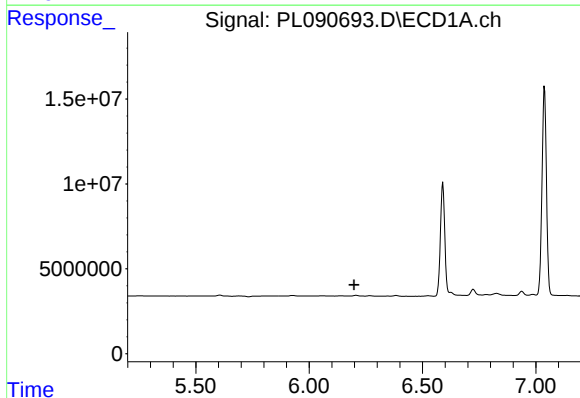
R.T.: 0.000 min  
Exp R.T.: 6.026 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



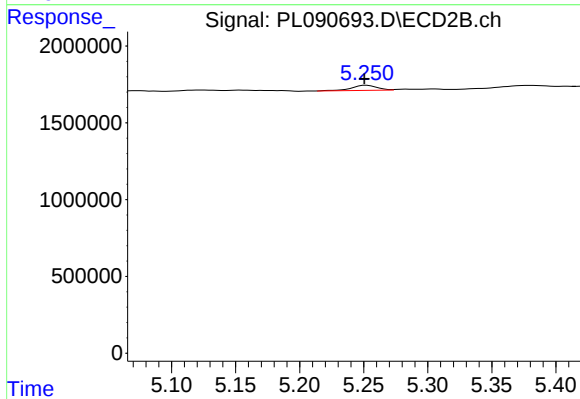
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.012 min  
Response: 64683  
Conc: 0.03 ng/ml



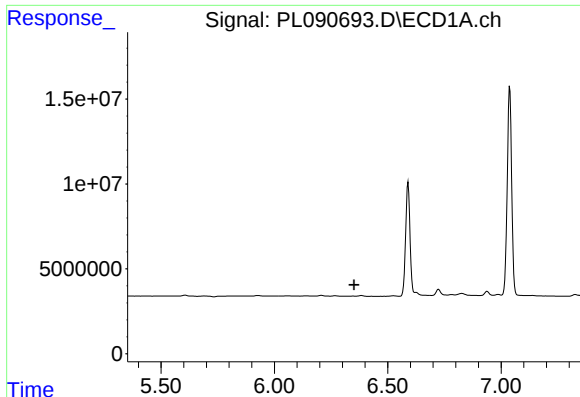
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.199 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

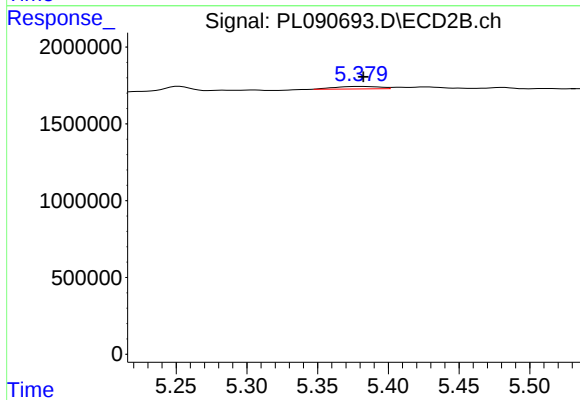
R.T.: 5.252 min  
Delta R.T.: 0.001 min  
Response: 455751  
Conc: 0.26 ng/ml



#13 Dieldrin

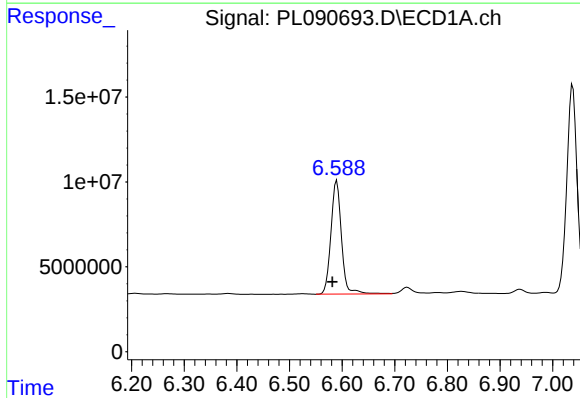
R.T.: 0.000 min  
Exp R.T.: 6.352 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



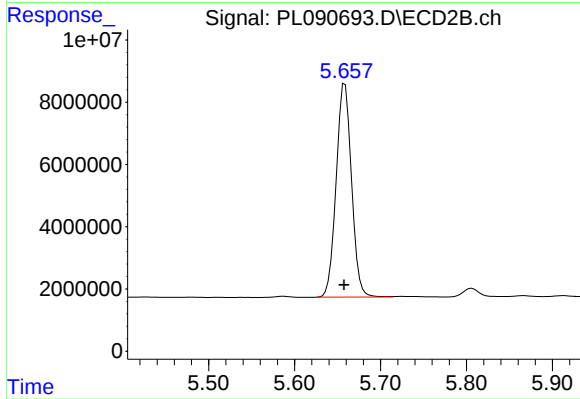
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 358786  
Conc: 0.18 ng/ml



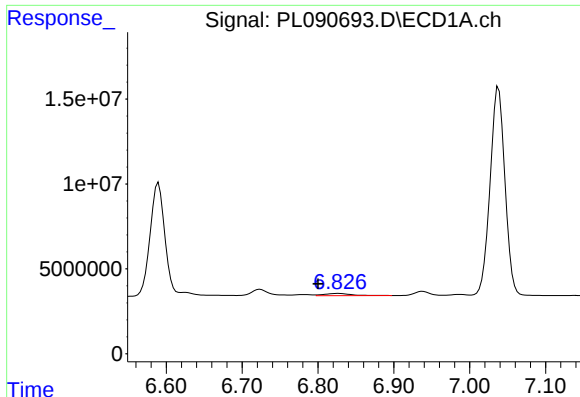
#14 Endrin

R.T.: 6.590 min  
Delta R.T.: 0.008 min  
Response: 93429841  
Conc: 50.82 ng/ml



#14 Endrin

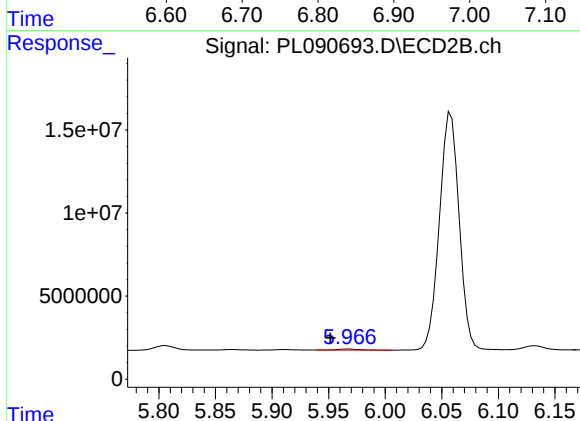
R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 85100732  
Conc: 49.45 ng/ml



#15 Endosulfan II

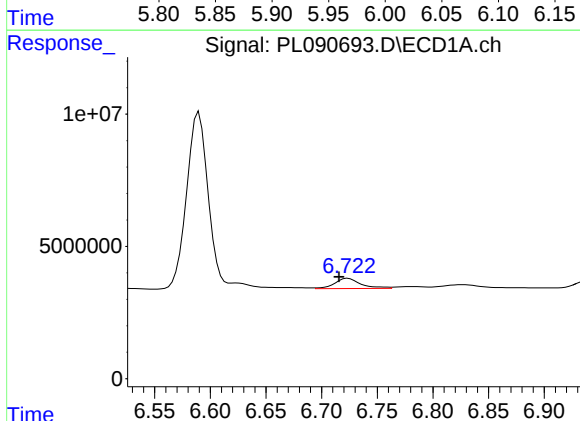
R.T.: 6.827 min  
Delta R.T.: 0.027 min  
Response: 3159632  
Conc: 1.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



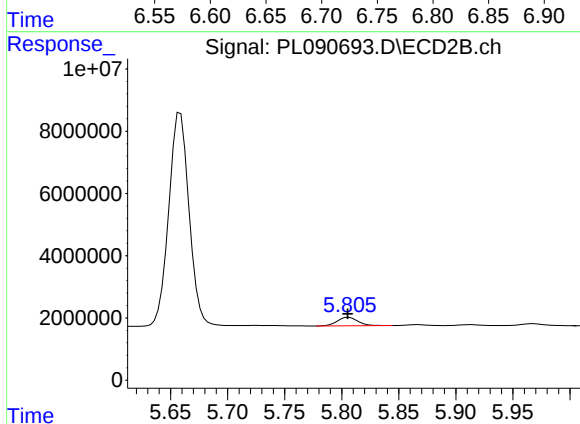
#15 Endosulfan II

R.T.: 5.968 min  
Delta R.T.: 0.016 min  
Response: 947485  
Conc: 0.55 ng/ml



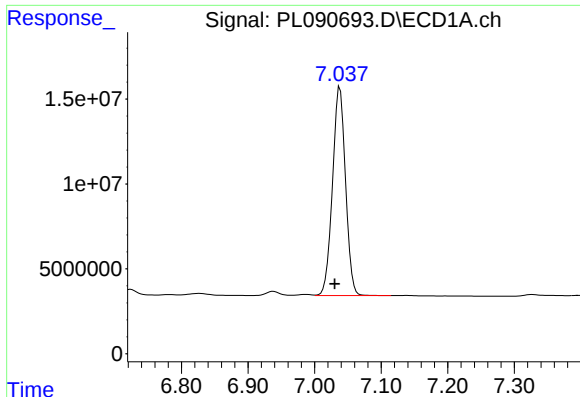
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.008 min  
Response: 6229429  
Conc: 3.69 ng/ml



#16 4,4'-DDD

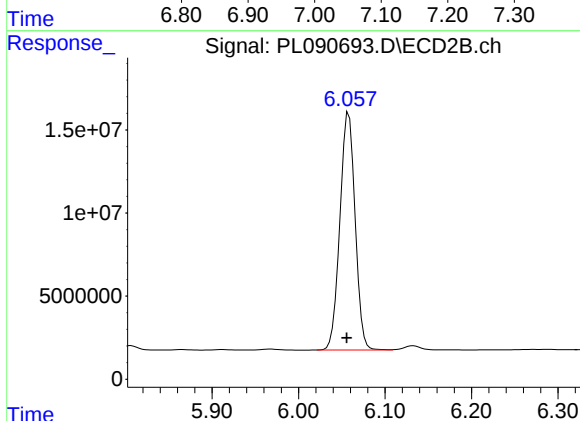
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 3377020  
Conc: 2.25 ng/ml



#17 4,4'-DDT

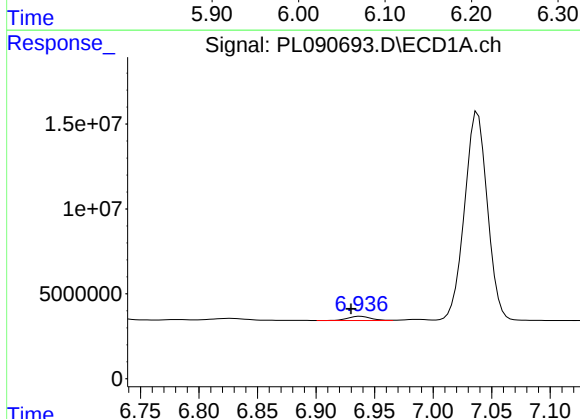
R.T.: 7.038 min  
Delta R.T.: 0.008 min  
Response: 167272462  
Conc: 99.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



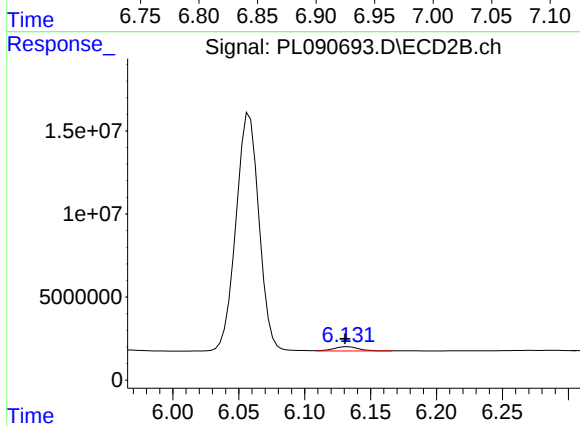
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: 0.002 min  
Response: 173601329  
Conc: 118.49 ng/ml



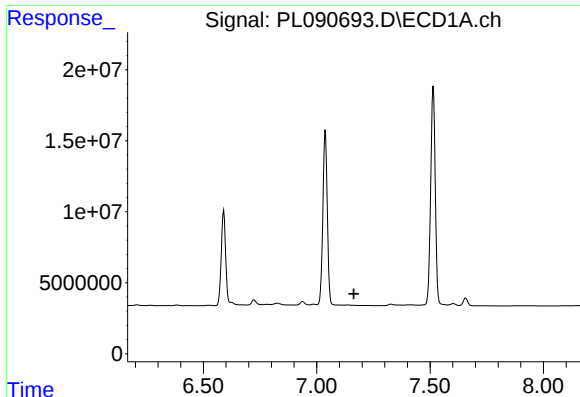
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.008 min  
Response: 3312423  
Conc: 2.23 ng/ml



#18 Endrin aldehyde

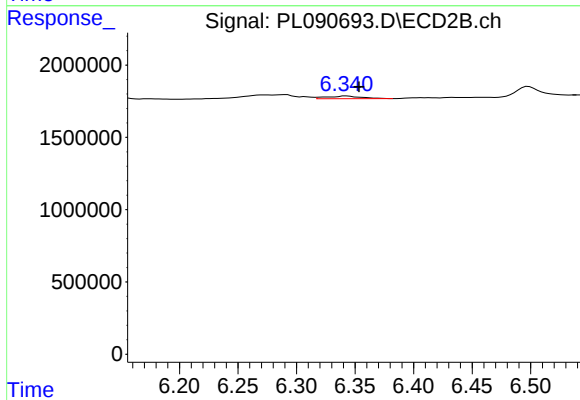
R.T.: 6.133 min  
Delta R.T.: 0.002 min  
Response: 3335782  
Conc: 2.55 ng/ml



#19 Endosulfan Sulfate

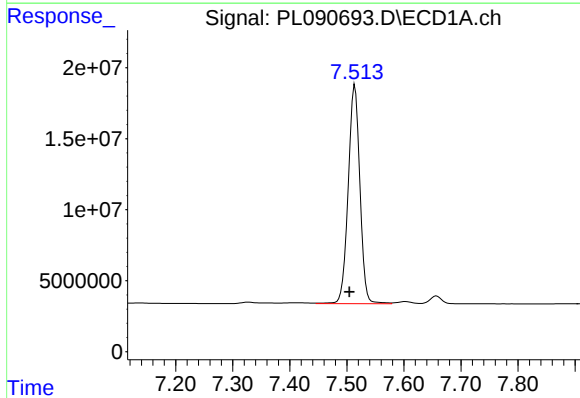
R.T.: 0.000 min  
Exp R.T.: 7.164 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



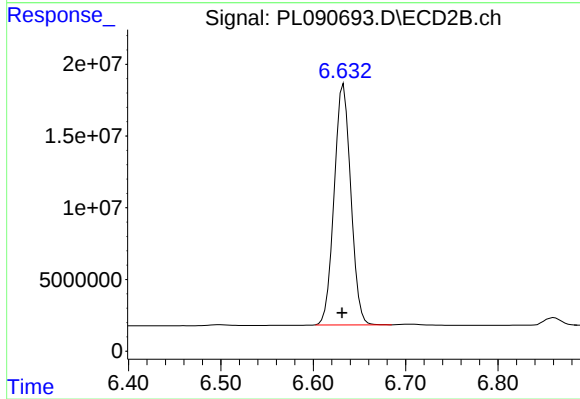
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.011 min  
Response: 391396  
Conc: 0.24 ng/ml



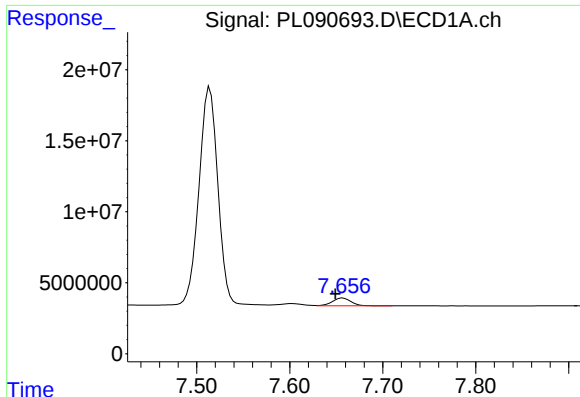
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.009 min  
Response: 219882795  
Conc: 249.04 ng/ml



#20 Methoxychlor

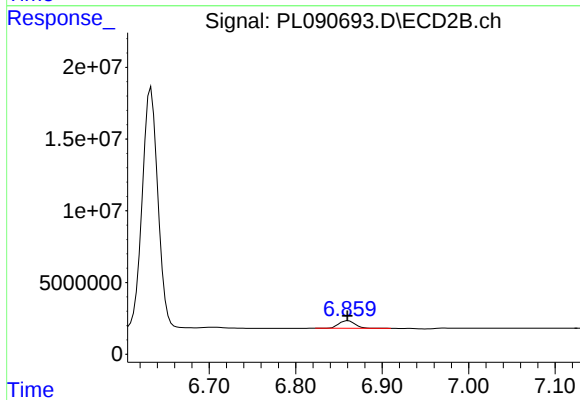
R.T.: 6.633 min  
Delta R.T.: 0.002 min  
Response: 209769514  
Conc: 259.44 ng/ml



#21 Endrin ketone

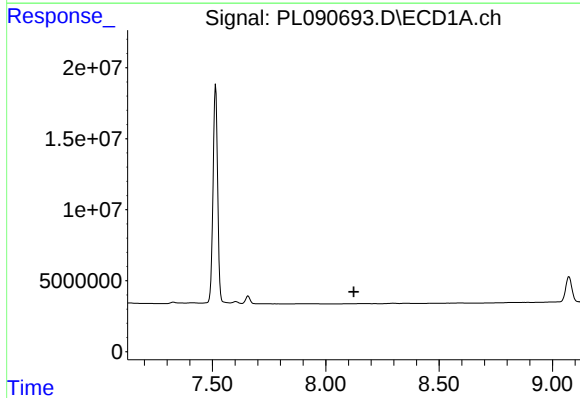
R.T.: 7.657 min  
Delta R.T.: 0.008 min  
Response: 7585691  
Conc: 3.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



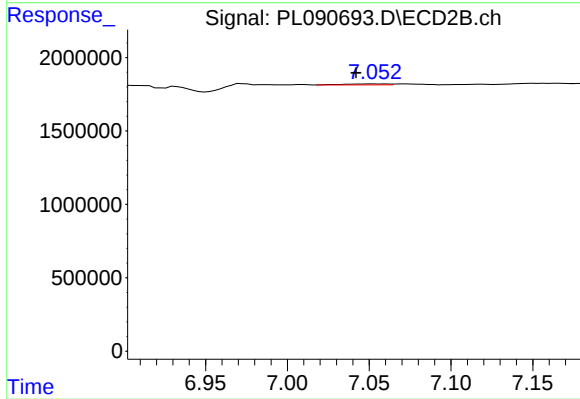
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 6811890  
Conc: 3.73 ng/ml



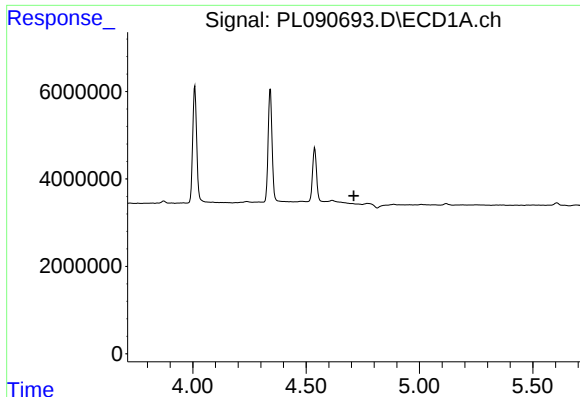
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.123 min  
Response: 0  
Conc: N.D.



#22 Mirex

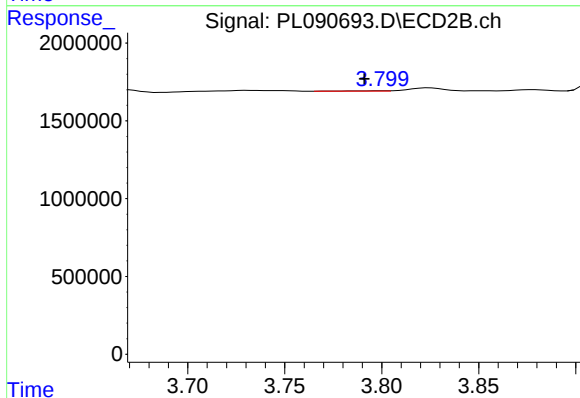
R.T.: 7.053 min  
Delta R.T.: 0.011 min  
Response: 118079  
Conc: 0.08 ng/ml



#23 Chlordane-1

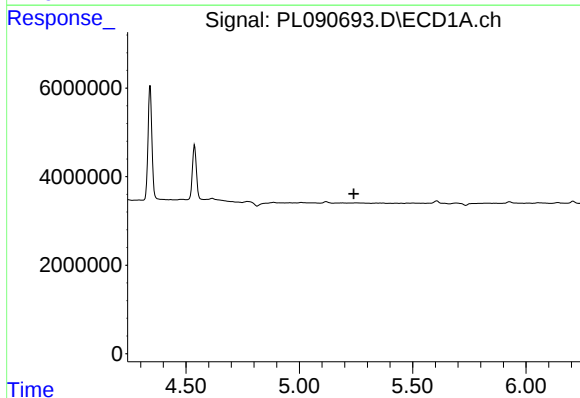
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



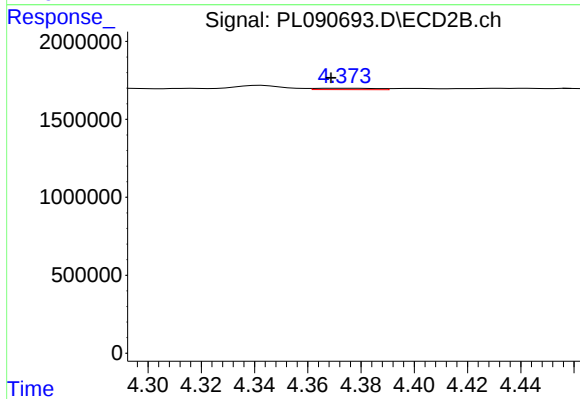
#23 Chlordane-1

R.T.: 3.800 min  
Delta R.T.: 0.009 min  
Response: 36270  
Conc: 0.59 ng/ml



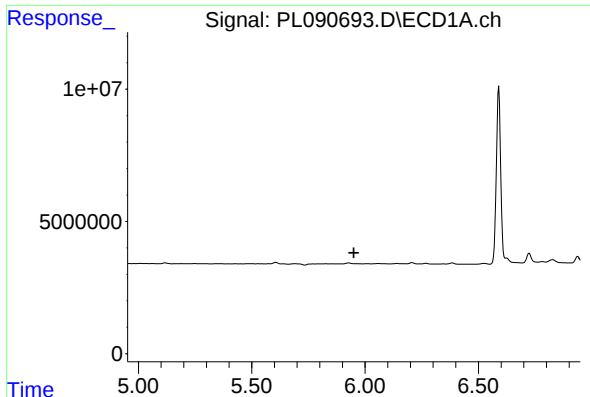
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.240 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

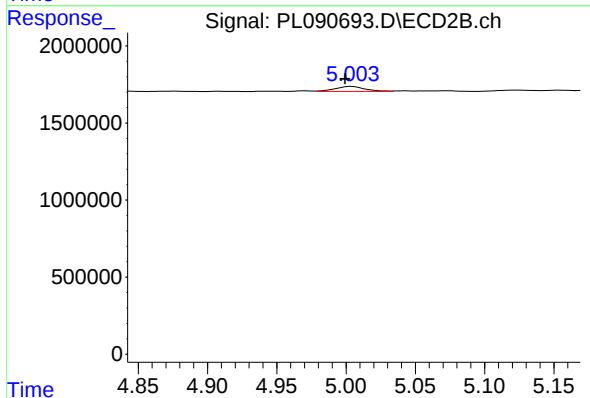
R.T.: 4.374 min  
Delta R.T.: 0.005 min  
Response: 141047  
Conc: 1.86 ng/ml



#25 Chlordane-3

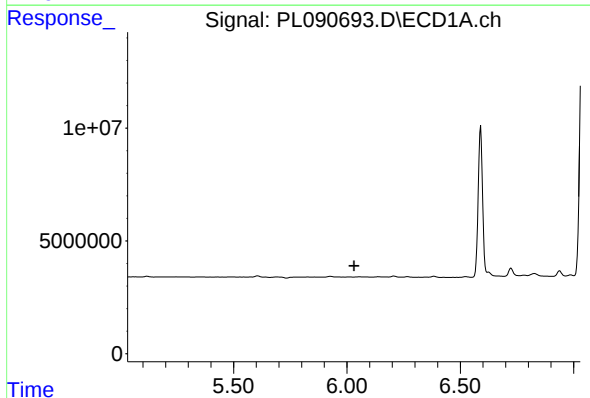
R.T.: 0.000 min  
Exp R.T.: 5.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



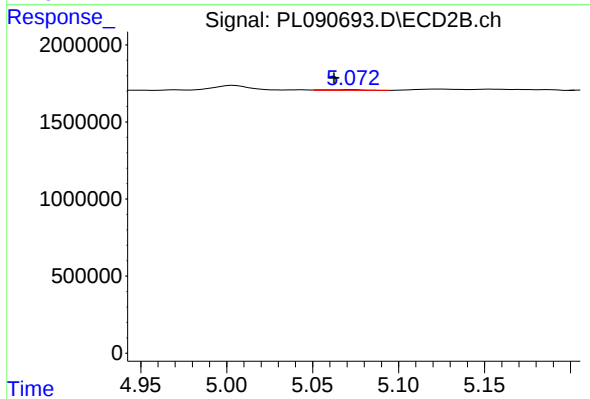
#25 Chlordane-3

R.T.: 5.004 min  
Delta R.T.: 0.005 min  
Response: 464485  
Conc: 2.25 ng/ml



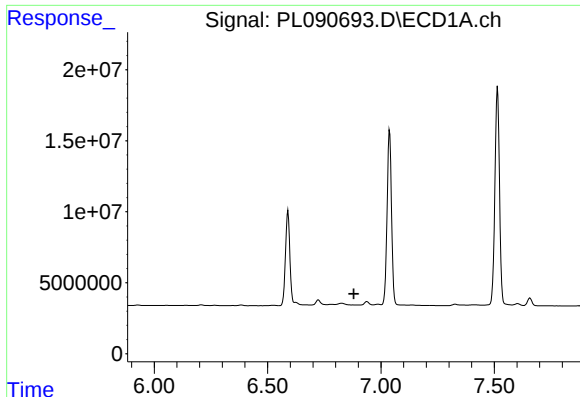
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

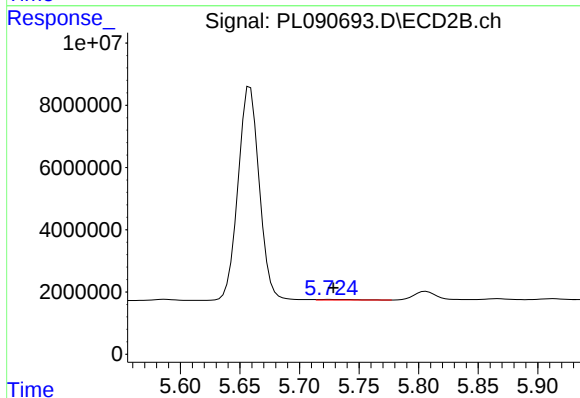
R.T.: 5.073 min  
Delta R.T.: 0.011 min  
Response: 64683  
Conc: 0.33 ng/ml



#27 Chlordane-5

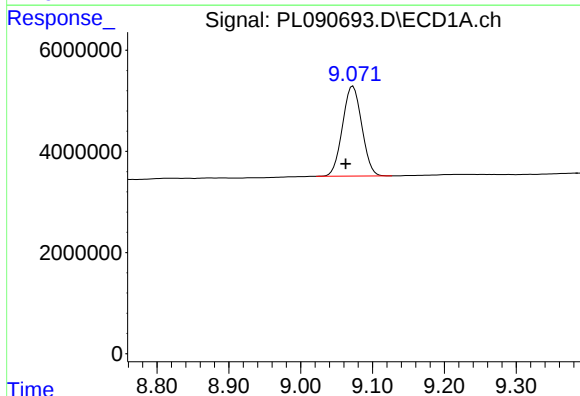
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



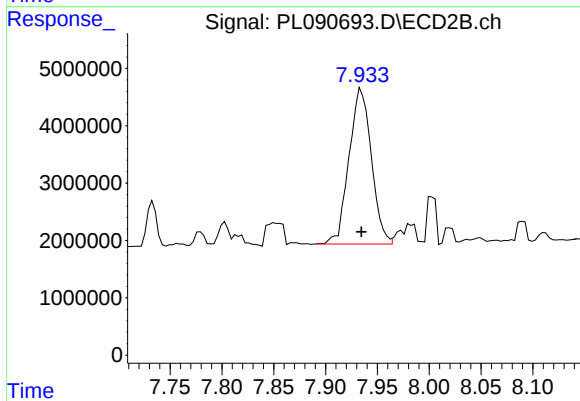
#27 Chlordane-5

R.T.: 5.726 min  
Delta R.T.: -0.002 min  
Response: 417048  
Conc: 6.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.010 min  
Response: 33142673  
Conc: 24.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 40673473  
Conc: 27.89 ng/ml