

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101424\  
 Data File : PL092350.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2024 10:01  
 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: Oct 15 01:54:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.540  | 2.778  | 50639288 | 54416700 | 22.763  | 21.697   |
| 28)                         | SA Decachlor... | 9.062  | 7.922  | 34863144 | 48110797 | 21.281  | 19.229   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.996  | 3.281  | 36141303 | 37404704 | 11.672  | 10.267   |
| 3)                          | MA gamma-BHC... | 4.329  | 3.611  | 34424965 | 35035978 | 11.109  | 9.922    |
| 5)                          | MB Aldrin       | 0.000  | 4.242  | 0        | 570233   | N.D.    | 0.168 #  |
| 6)                          | B beta-BHC      | 4.527  | 3.911  | 16155335 | 16932334 | 12.180  | 11.265   |
| 7)                          | B delta-BHC     | 0.000  | 4.134  | 0        | 1112706  | N.D.    | 0.321 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.238  | 0        | 627222   | N.D.    | 0.226 #  |
| 14)                         | MA Endrin       | 6.578  | 5.645  | 90400697 | 125.2E6  | 43.869  | 47.763   |
| 15)                         | B Endosulfa...  | 6.818f | 5.952  | 2095870  | 1206910  | 0.953   | 0.482 #  |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.792  | 9367552  | 11013201 | 5.217   | 5.155    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.043  | 169.4E6  | 240.9E6  | 91.993  | 104.132  |
| 18)                         | B Endrin al...  | 6.928  | 6.119  | 3729453  | 4147739  | 2.140   | 2.032    |
| 19)                         | B Endosulfa...  | 0.000  | 6.327f | 0        | 1343762  | N.D.    | 0.557 #  |
| 20)                         | A Methoxychlor  | 7.505  | 6.619  | 213.2E6  | 282.1E6  | 217.154 | 225.603  |
| 21)                         | B Endrin ke...  | 7.648  | 6.847  | 8293778  | 11109741 | 3.774   | 4.012    |
| 22)                         | Mirex           | 0.000  | 7.045  | 0        | 1365351  | N.D.    | 0.561 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.812f | 0        | 249592   | N.D.    | 2.496 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.329f | 0        | 1180176  | N.D.    | 10.516 # |
| 27)                         | Chlordane-5     | 0.000  | 5.952  | 0        | 1206910  | N.D.    | 11.129 # |
| -----                       |                 |        |        |          |          |         |          |

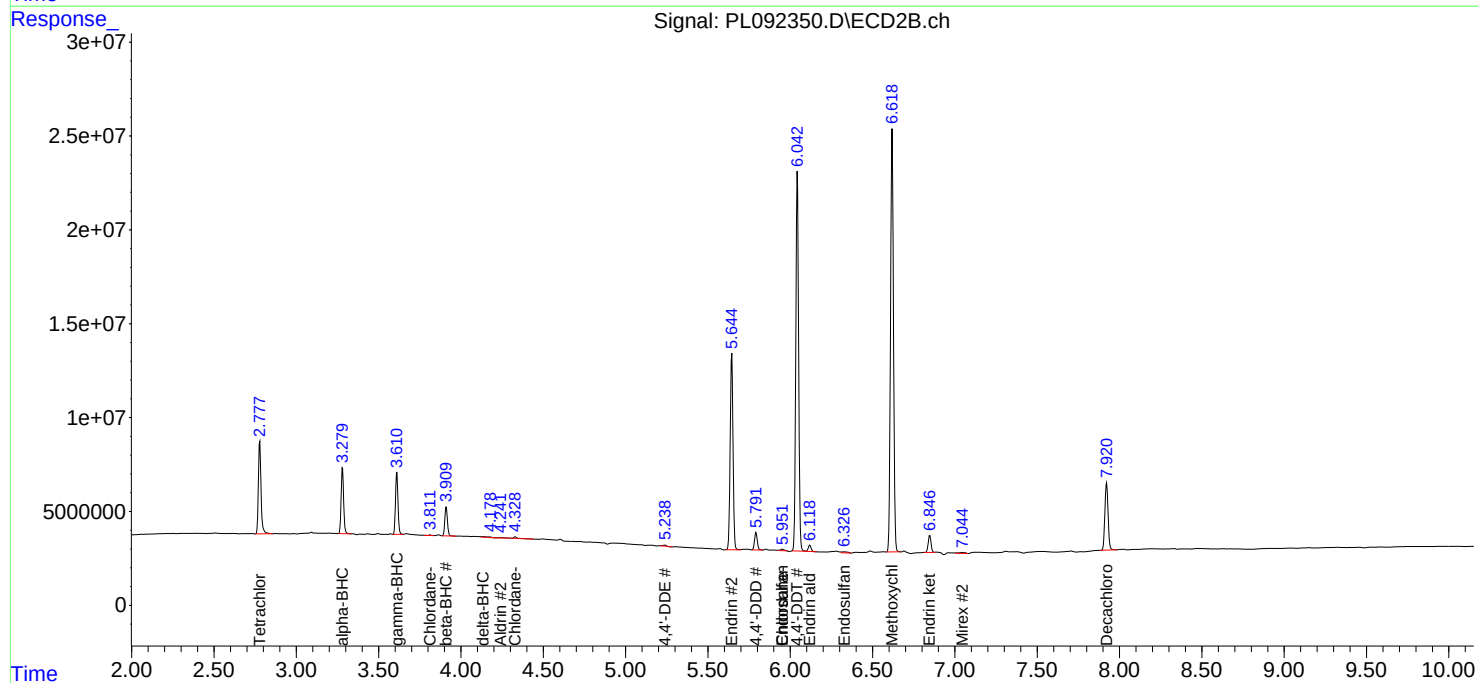
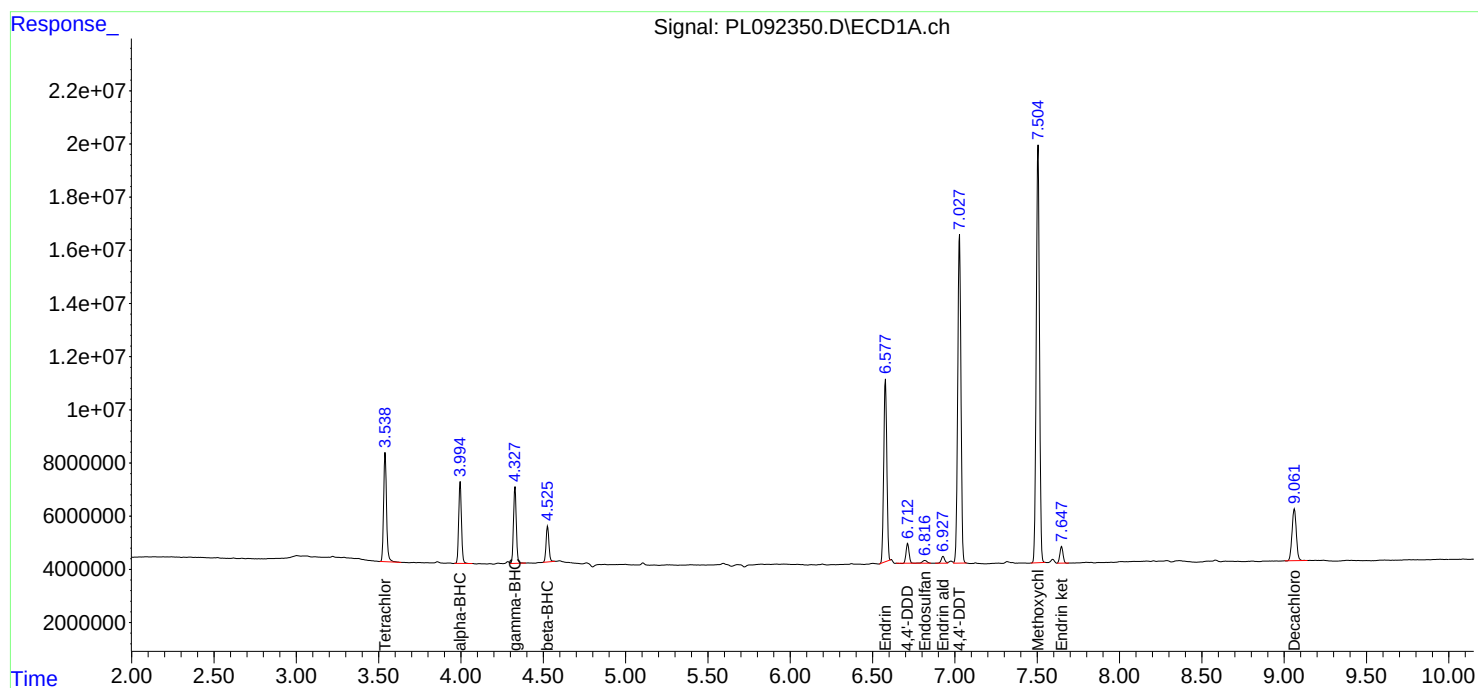
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

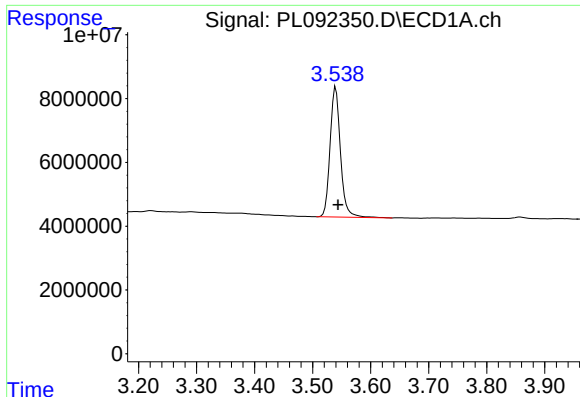
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101424\  
Data File : PL092350.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Oct 2024 10:01  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 01:54:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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

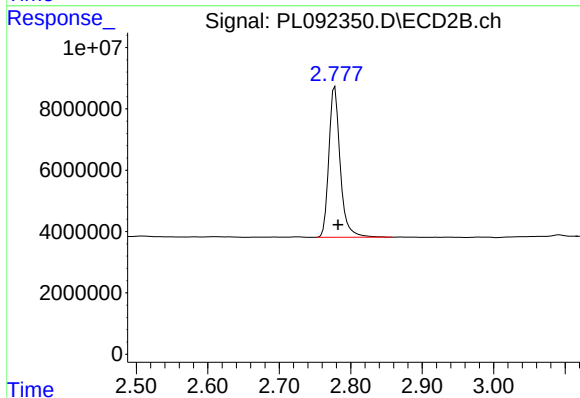




#1 Tetrachloro-m-xylene

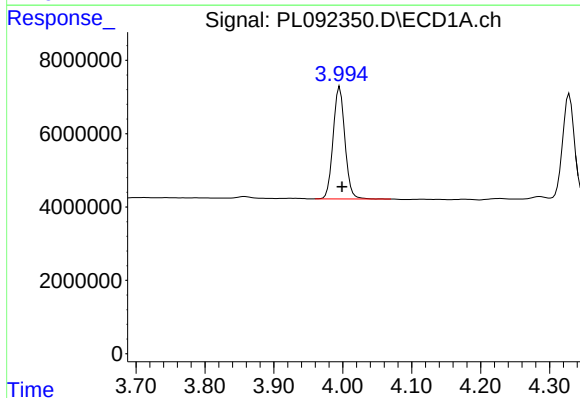
R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 50639288  
Conc: 22.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



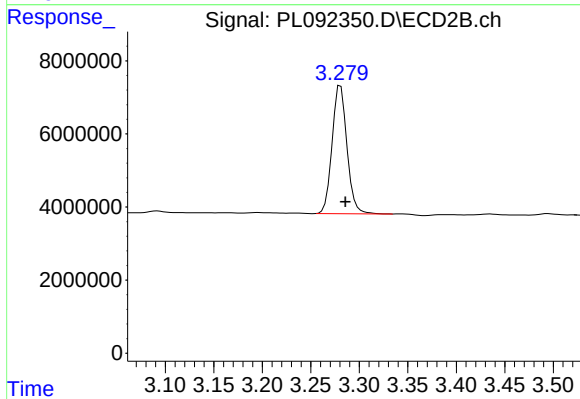
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: -0.004 min  
Response: 54416700  
Conc: 21.70 ng/ml



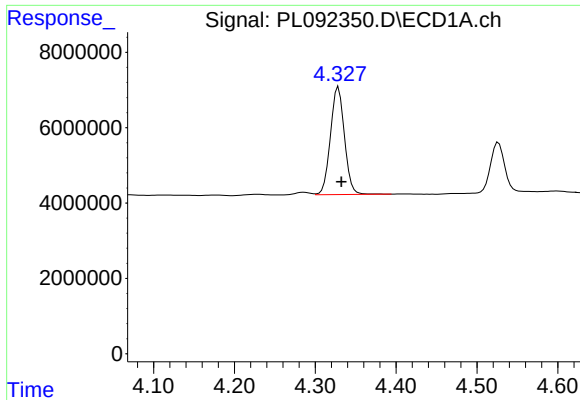
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.004 min  
Response: 36141303  
Conc: 11.67 ng/ml



#2 alpha-BHC

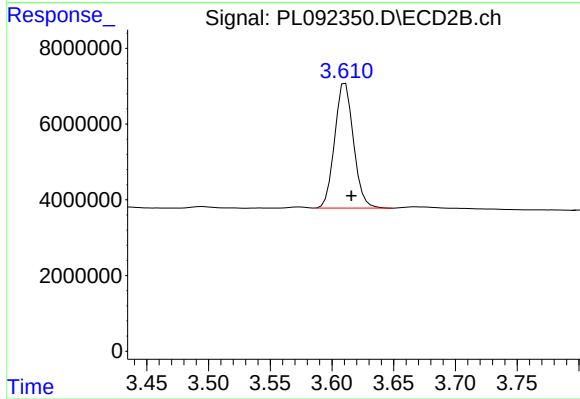
R.T.: 3.281 min  
Delta R.T.: -0.005 min  
Response: 37404704  
Conc: 10.27 ng/ml



#3 gamma-BHC (Lindane)

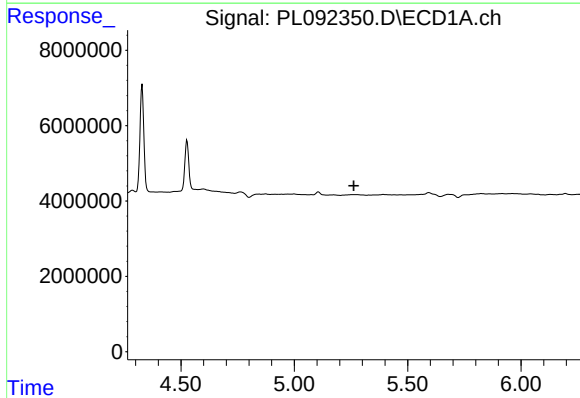
R.T.: 4.329 min  
Delta R.T.: -0.004 min  
Response: 34424965  
Conc: 11.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



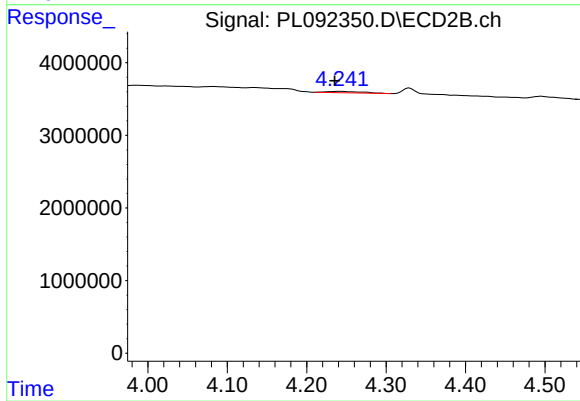
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: -0.005 min  
Response: 35035978  
Conc: 9.92 ng/ml



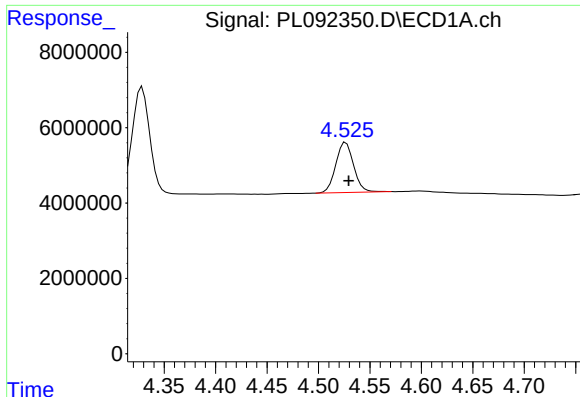
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.263 min  
Response: 0  
Conc: N.D.



#5 Aldrin

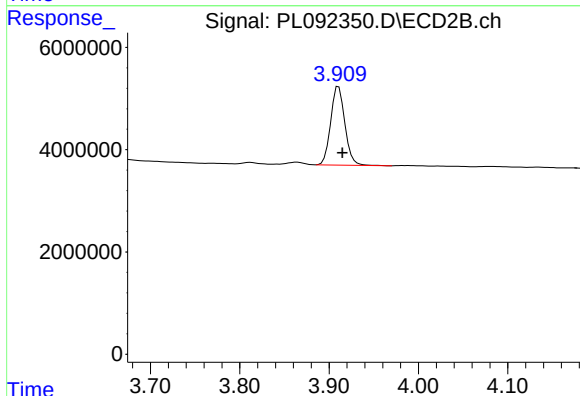
R.T.: 4.242 min  
Delta R.T.: 0.007 min  
Response: 570233  
Conc: 0.17 ng/ml



#6 beta-BHC

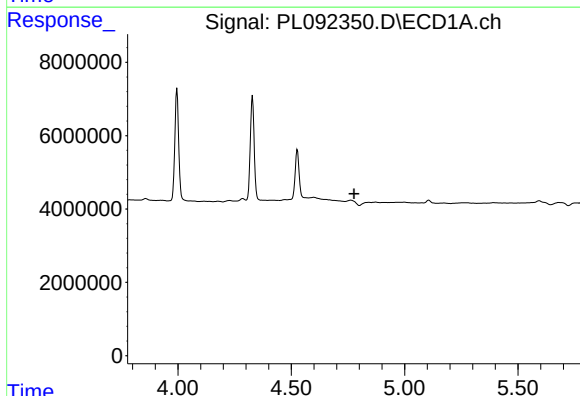
R.T.: 4.527 min  
Delta R.T.: -0.003 min  
Response: 16155335  
Conc: 12.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



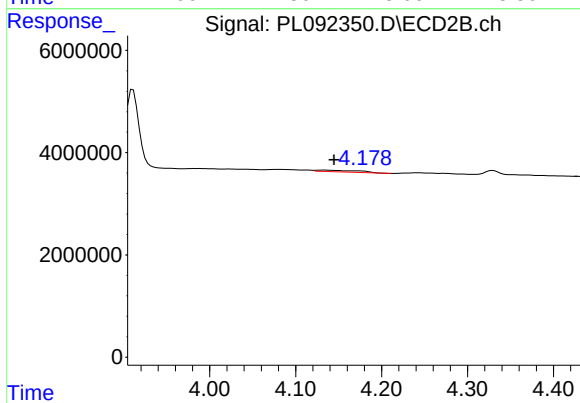
#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: -0.004 min  
Response: 16932334  
Conc: 11.26 ng/ml



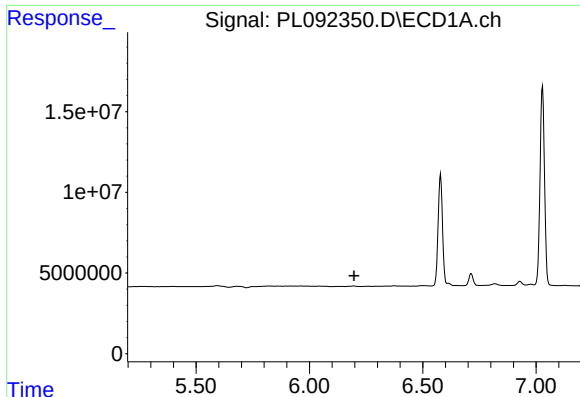
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.777 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

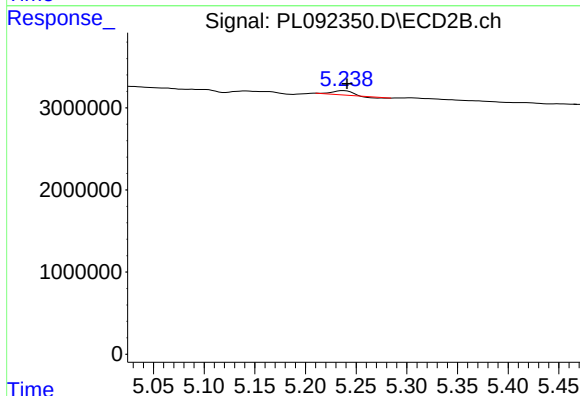
R.T.: 4.134 min  
Delta R.T.: -0.011 min  
Response: 1112706  
Conc: 0.32 ng/ml



#12 4,4'-DDE

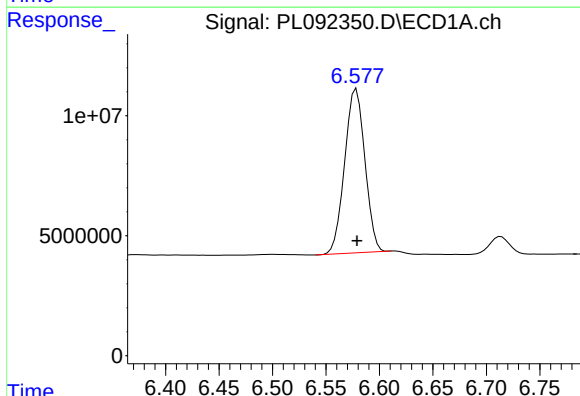
R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



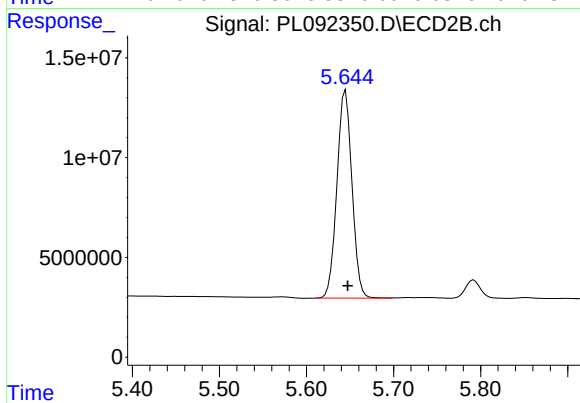
#12 4,4'-DDE

R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 627222  
Conc: 0.23 ng/ml



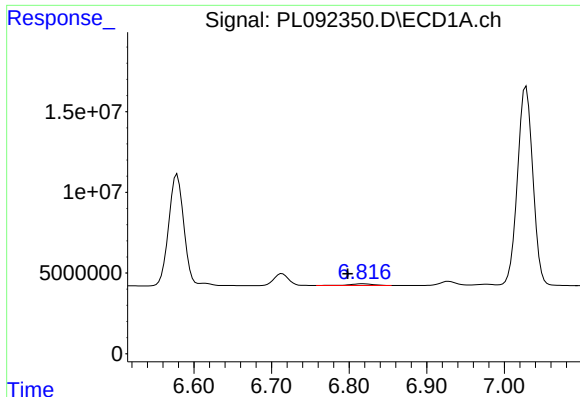
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 90400697  
Conc: 43.87 ng/ml



#14 Endrin

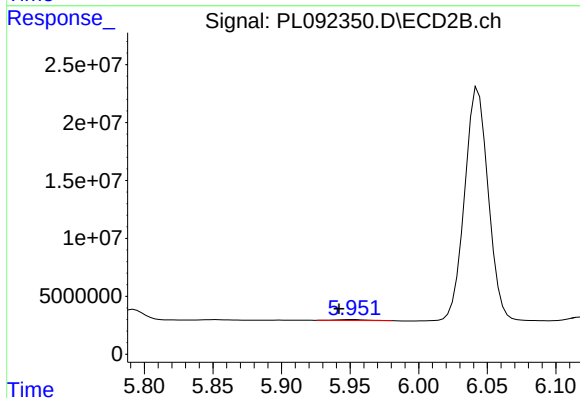
R.T.: 5.645 min  
Delta R.T.: -0.003 min  
Response: 125243601  
Conc: 47.76 ng/ml



#15 Endosulfan II

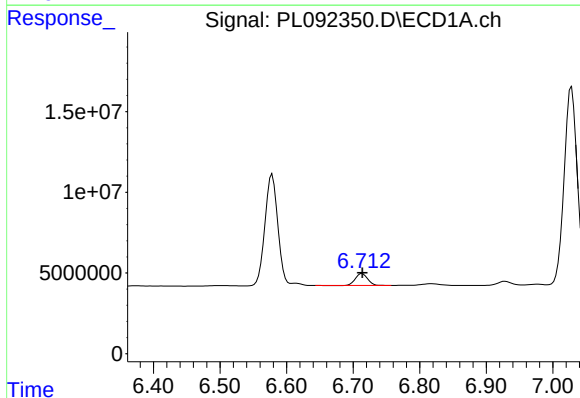
R.T.: 6.818 min  
Delta R.T.: 0.020 min  
Response: 2095870  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



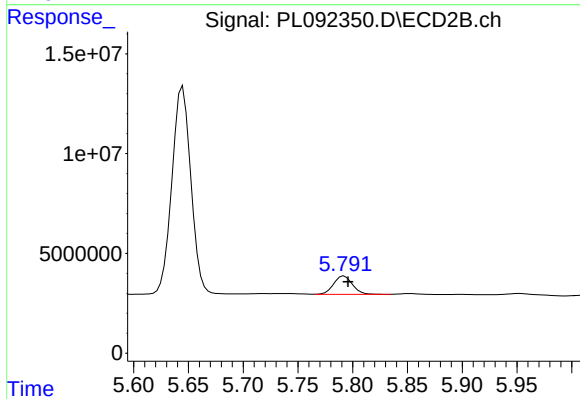
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.010 min  
Response: 1206910  
Conc: 0.48 ng/ml



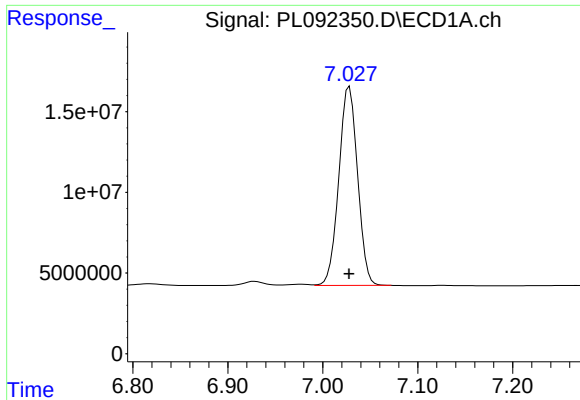
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 9367552  
Conc: 5.22 ng/ml



#16 4,4'-DDD

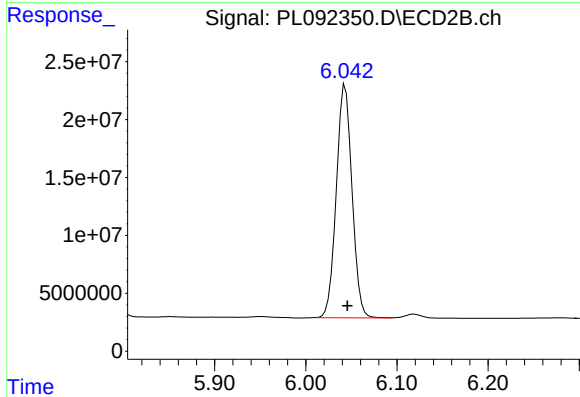
R.T.: 5.792 min  
Delta R.T.: -0.004 min  
Response: 11013201  
Conc: 5.16 ng/ml



#17 4,4'-DDT

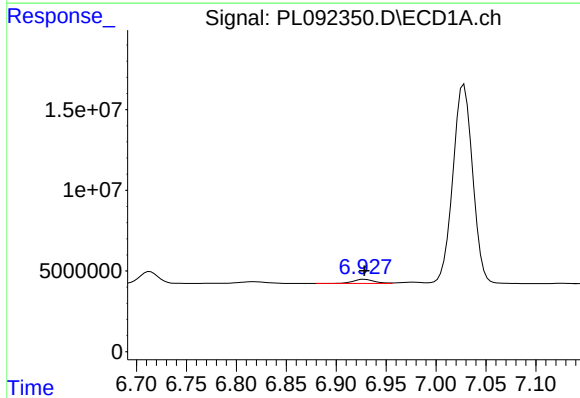
R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 169377265  
Conc: 91.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



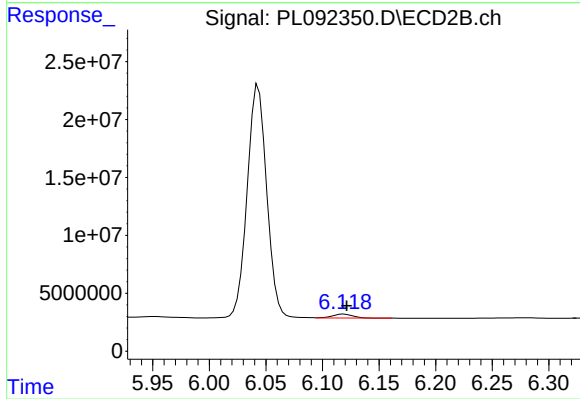
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: 240873889  
Conc: 104.13 ng/ml



#18 Endrin aldehyde

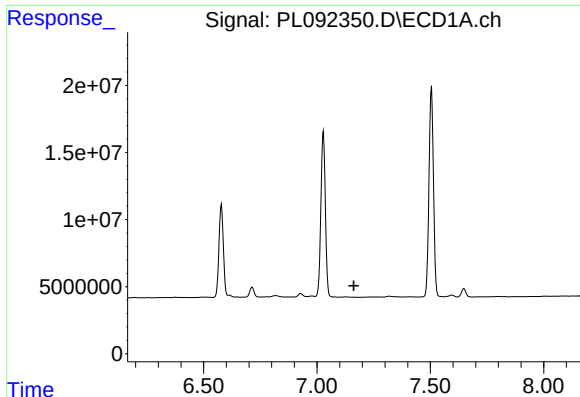
R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 3729453  
Conc: 2.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 4147739  
Conc: 2.03 ng/ml

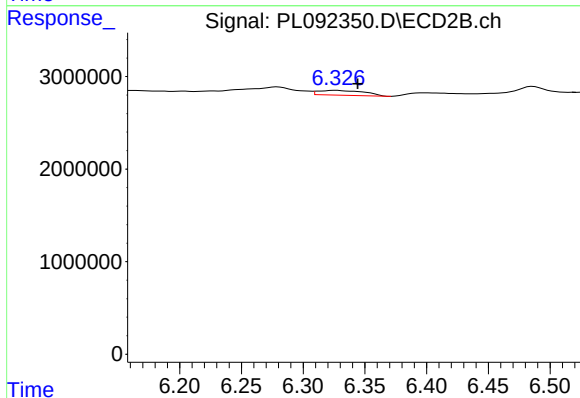




#19 Endosulfan Sulfate

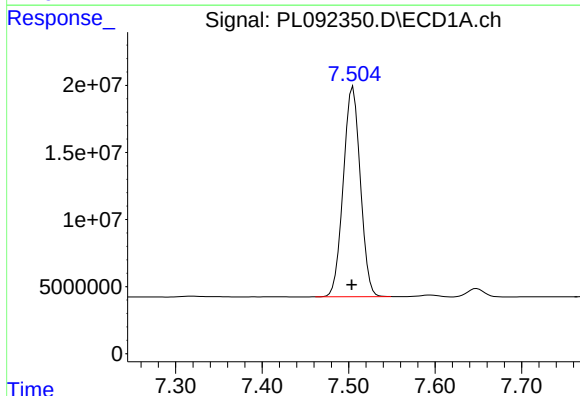
R.T.: 0.000 min  
Exp R.T.: 7.163 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



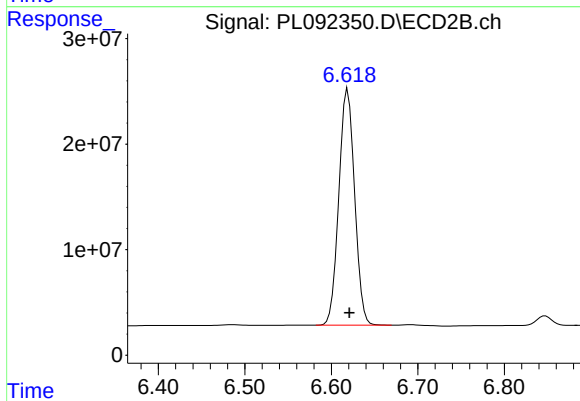
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: -0.017 min  
Response: 1343762  
Conc: 0.56 ng/ml



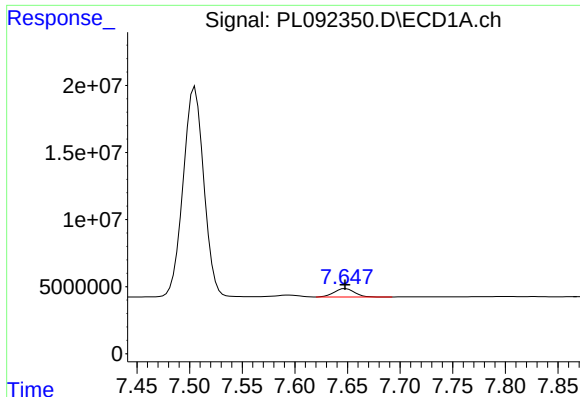
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.001 min  
Response: 213182227  
Conc: 217.15 ng/ml



#20 Methoxychlor

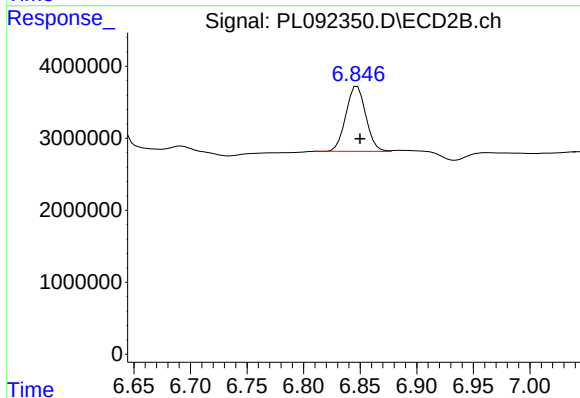
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 282082104  
Conc: 225.60 ng/ml



#21 Endrin ketone

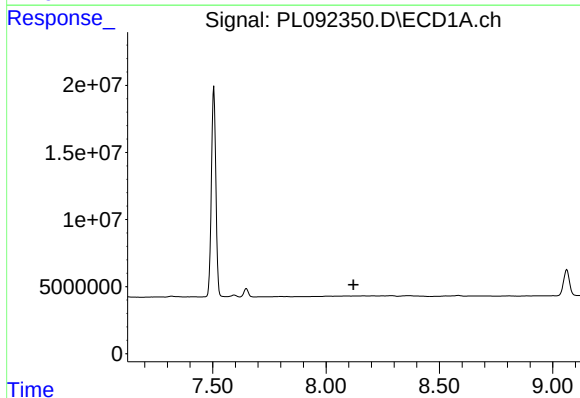
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 8293778  
Conc: 3.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



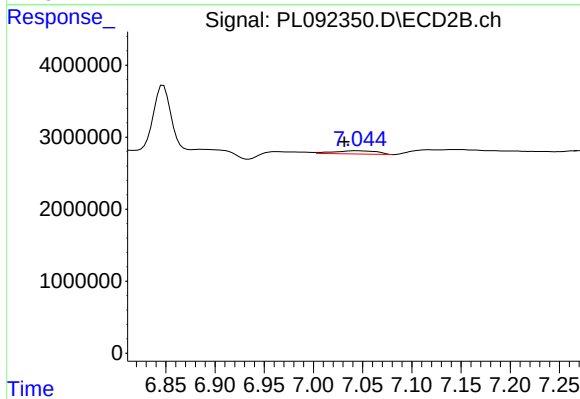
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 11109741  
Conc: 4.01 ng/ml



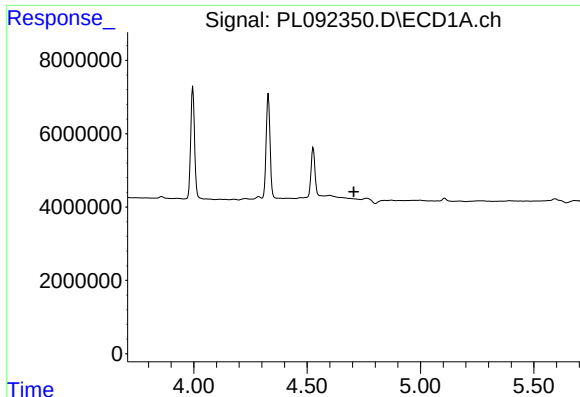
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.121 min  
Response: 0  
Conc: N.D.



#22 Mirex

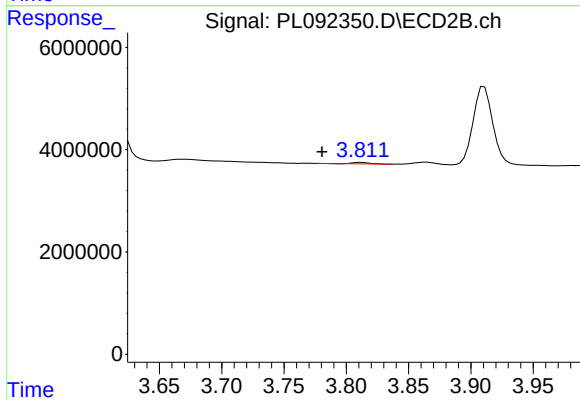
R.T.: 7.045 min  
Delta R.T.: 0.013 min  
Response: 1365351  
Conc: 0.56 ng/ml



#23 Chlordane-1

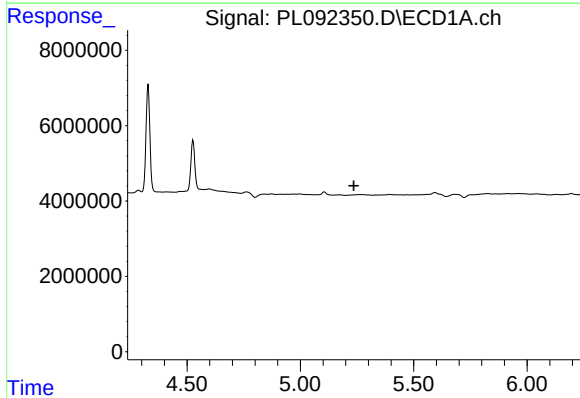
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



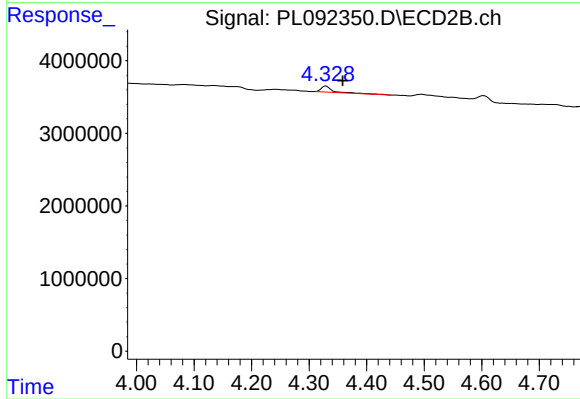
#23 Chlordane-1

R.T.: 3.812 min  
Delta R.T.: 0.031 min  
Response: 249592  
Conc: 2.50 ng/ml



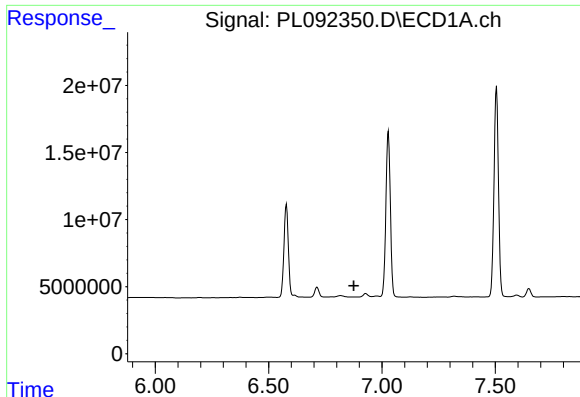
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.235 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

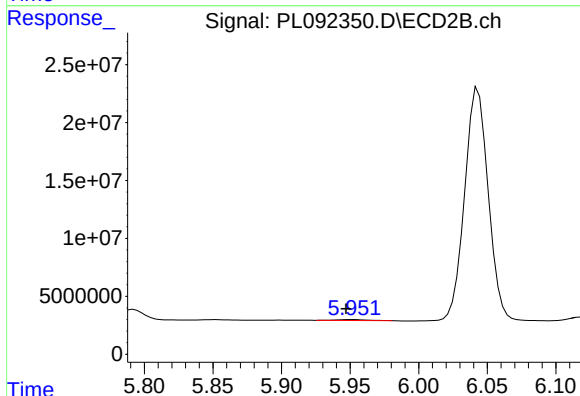
R.T.: 4.329 min  
Delta R.T.: -0.029 min  
Response: 1180176  
Conc: 10.52 ng/ml



#27 Chlordane-5

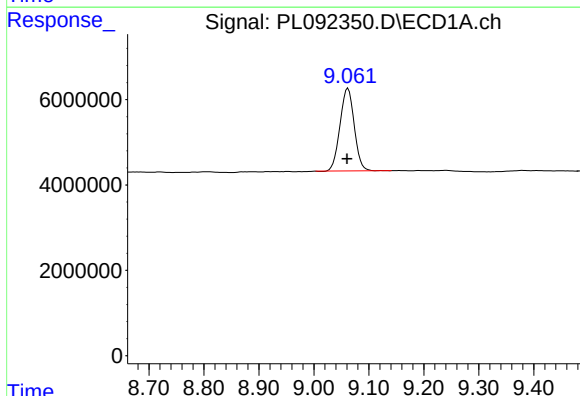
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



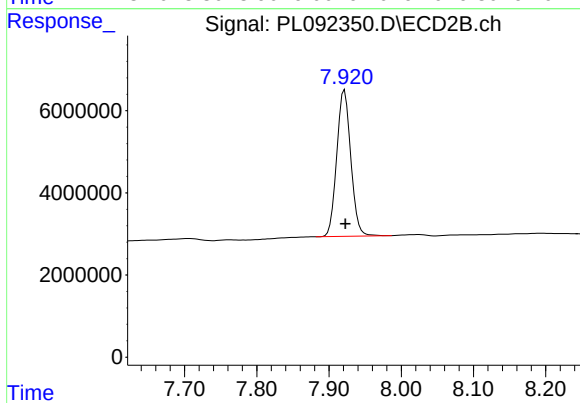
#27 Chlordane-5

R.T.: 5.952 min  
Delta R.T.: 0.005 min  
Response: 1206910  
Conc: 11.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.002 min  
Response: 34863144  
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.001 min  
Response: 48110797  
Conc: 19.23 ng/ml