

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
 Data File : PL052349.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2019 17:51  
 Operator : SG\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: Sep 11 00:50:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.312  | 3.922  | 194.2E6  | 47169668 | 22.690  | 21.590  |
| 28)                         | SA Decachlor... | 7.968  | 8.944  | 248.0E6  | 54639091 | 20.434  | 17.951  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.739  | 4.310  | 153.1E6  | 31909214 | 10.568  | 9.902   |
| 3)                          | MA gamma-BHC... | 4.014  | 4.593  | 142.3E6  | 30914036 | 10.817  | 9.819   |
| 6)                          | B beta-BHC      | 4.269  | 4.771  | 67135955 | 17314180 | 11.757  | 11.880  |
| 8)                          | B Heptachlo...  | 0.000  | 5.790  | 0        | 2579488  | N.D.    | 0.764 # |
| 9)                          | A Endosulfan I  | 5.324f | 6.149  | 2704834  | 1343587  | 0.201   | 0.416 # |
| 11)                         | B alpha-Chl...  | 5.257  | 6.106  | 14480794 | 784691   | 1.001   | 0.227 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.248  | 0        | 899485   | N.D.    | 0.256 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.423f | 0        | 1470814  | N.D.    | 0.429 # |
| 14)                         | MA Endrin       | 5.792  | 6.609  | 707.6E6  | 145.7E6  | 48.509  | 48.156  |
| 15)                         | B Endosulfa...  | 0.000  | 6.840  | 0        | 4130025  | N.D.    | 1.253 # |
| 16)                         | A 4,4'-DDD      | 5.926  | 6.738  | 25862159 | 7357631  | 2.112   | 2.718 # |
| 17)                         | MA 4,4'-DDT     | 6.159  | 7.035  | 1309.5E6 | 285.0E6  | 102.692 | 97.330  |
| 18)                         | B Endrin al...  | 6.232  | 6.947  | 10910865 | 2223072  | 0.938   | 0.787   |
| 20)                         | A Methoxychlor  | 6.703  | 7.495  | 1580.5E6 | 387.3E6  | 233.123 | 230.915 |
| 21)                         | B Endrin ke...  | 6.924  | 7.636  | 33332951 | 6476810  | 2.356   | 2.024   |
| 26)                         | Chlordane-4     | 5.257  | 6.106  | 14480794 | 784691   | 11.876  | 1.445 # |
| 27)                         | Chlordane-5     | 0.000  | 6.881f | 0        | 938995   | N.D.    | 9.525 # |
| -----                       |                 |        |        |          |          |         |         |

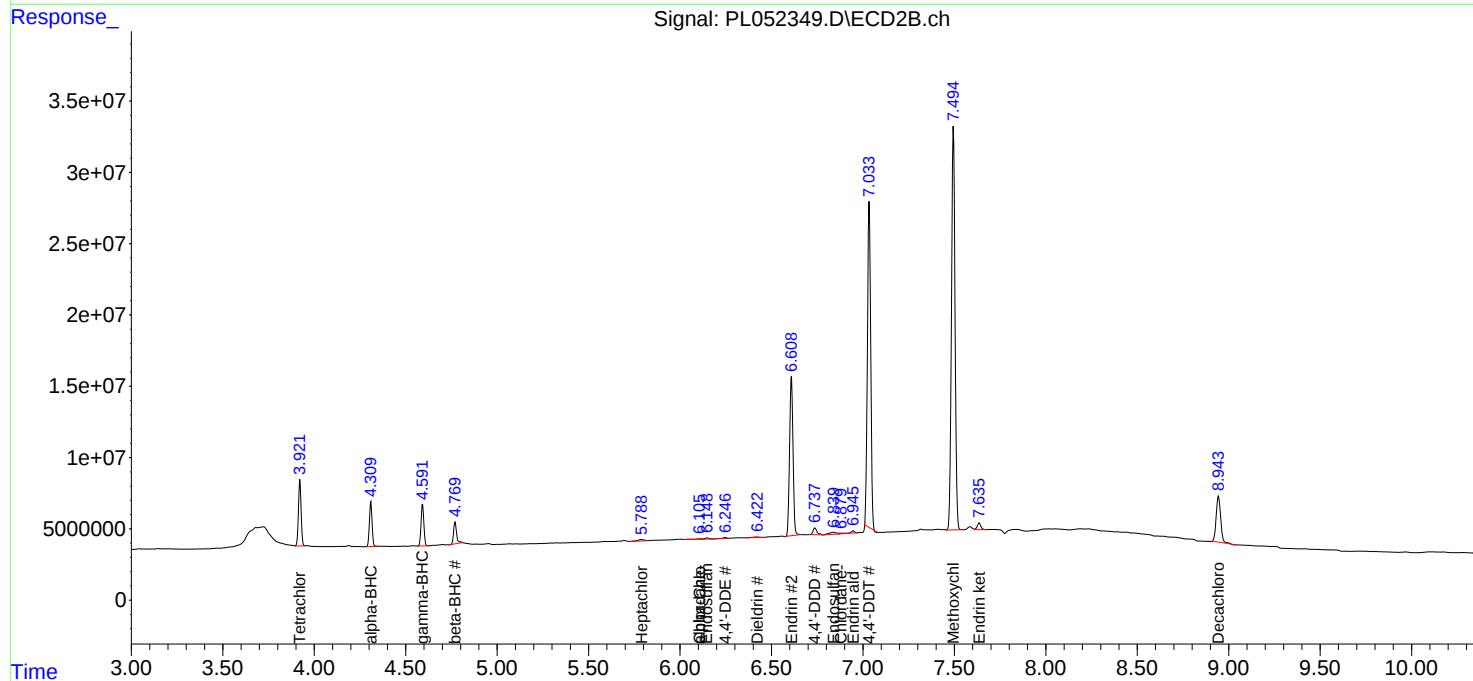
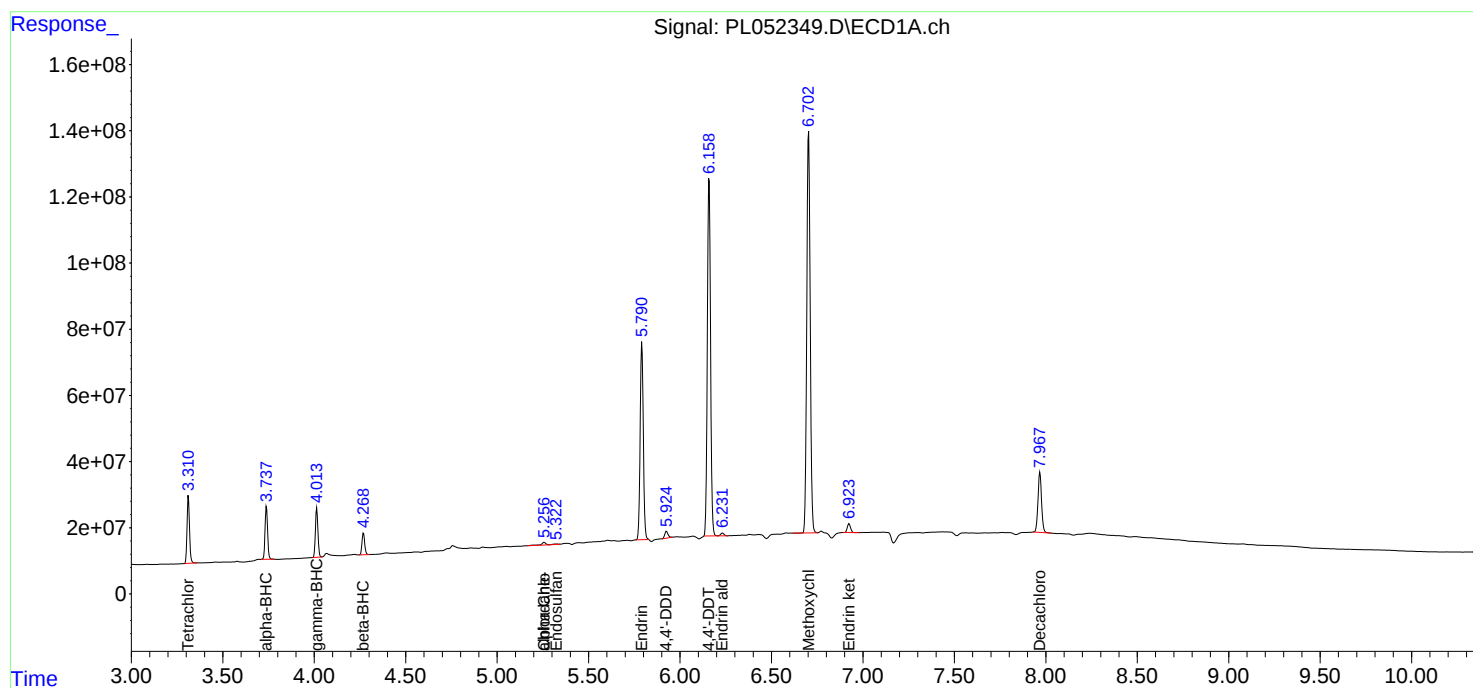
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

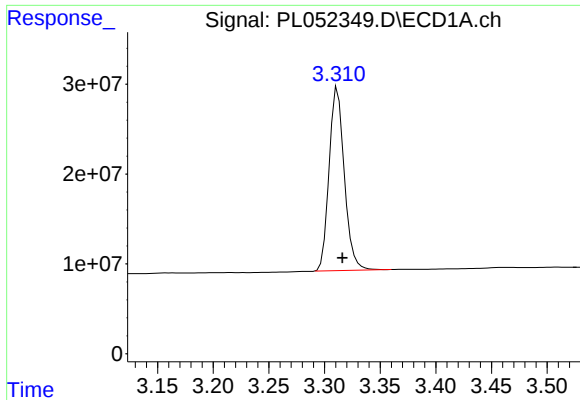
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
Data File : PL052349.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2019 17:51  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 00:50:54 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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

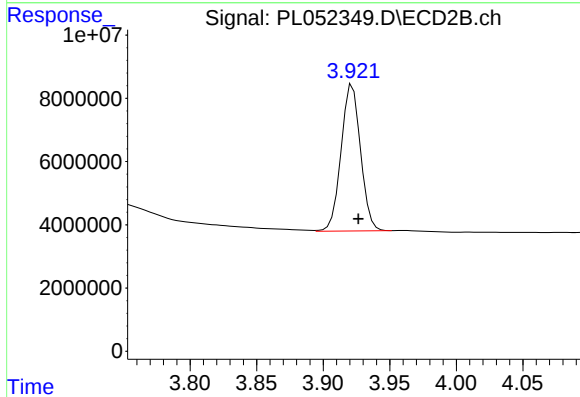




#1 Tetrachloro-m-xylene

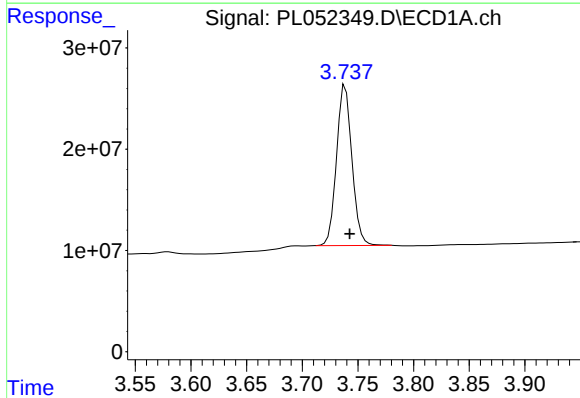
R.T.: 3.312 min  
Delta R.T.: -0.004 min  
Response: 194194396  
Conc: 22.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



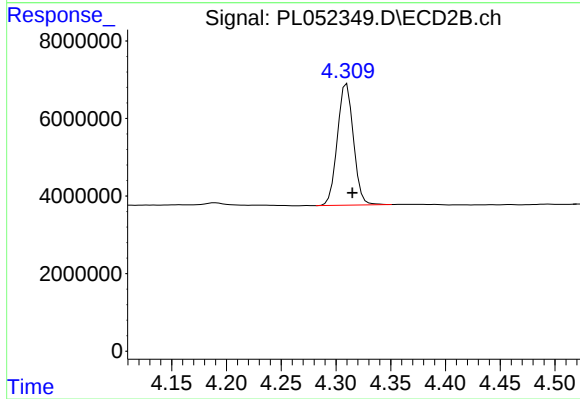
#1 Tetrachloro-m-xylene

R.T.: 3.922 min  
Delta R.T.: -0.005 min  
Response: 47169668  
Conc: 21.59 ng/ml



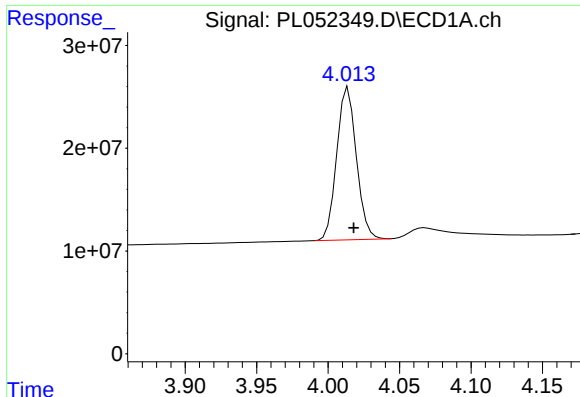
#2 alpha-BHC

R.T.: 3.739 min  
Delta R.T.: -0.004 min  
Response: 153126819  
Conc: 10.57 ng/ml



#2 alpha-BHC

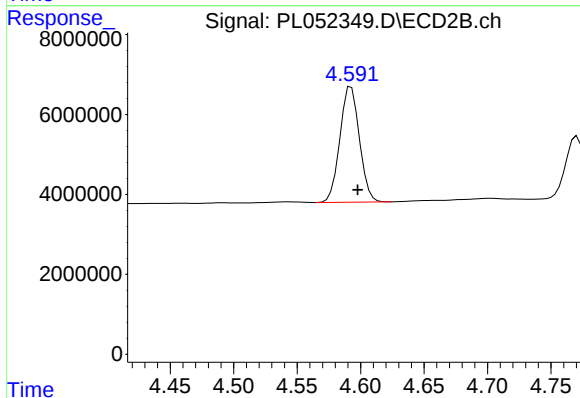
R.T.: 4.310 min  
Delta R.T.: -0.005 min  
Response: 31909214  
Conc: 9.90 ng/ml



#3 gamma-BHC (Lindane)

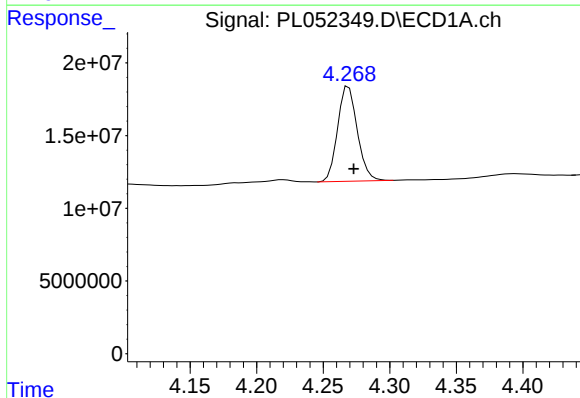
R.T.: 4.014 min  
Delta R.T.: -0.004 min  
Response: 142312378  
Conc: 10.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



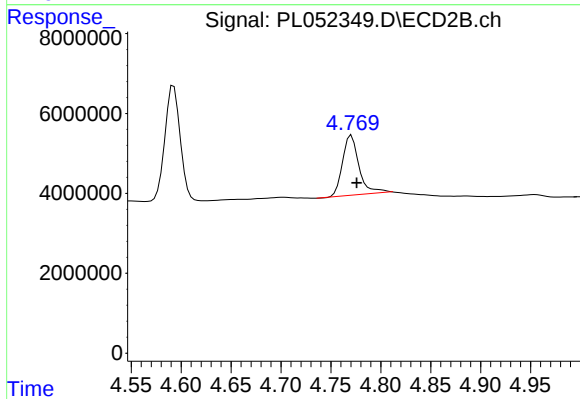
#3 gamma-BHC (Lindane)

R.T.: 4.593 min  
Delta R.T.: -0.005 min  
Response: 30914036  
Conc: 9.82 ng/ml



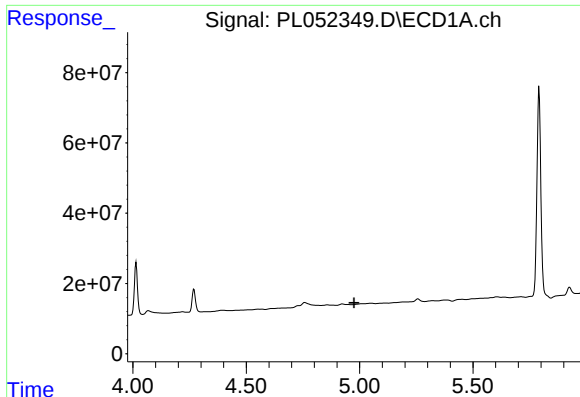
#6 beta-BHC

R.T.: 4.269 min  
Delta R.T.: -0.004 min  
Response: 67135955  
Conc: 11.76 ng/ml



#6 beta-BHC

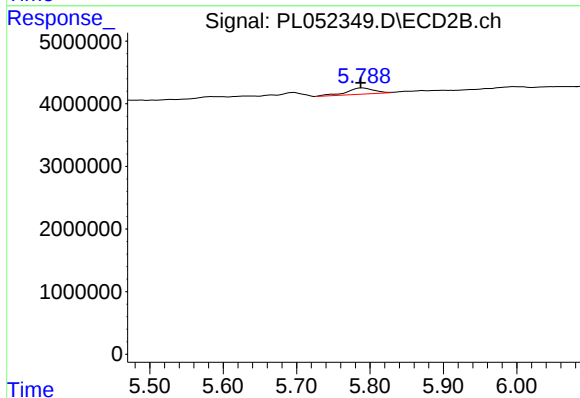
R.T.: 4.771 min  
Delta R.T.: -0.005 min  
Response: 17314180  
Conc: 11.88 ng/ml



#8 Heptachlor epoxide

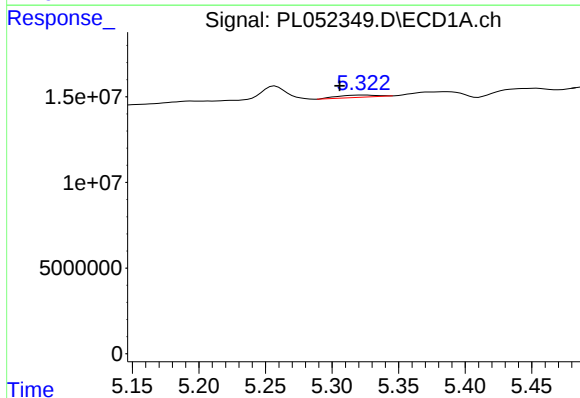
R.T.: 0.000 min  
Exp R.T.: 4.975 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



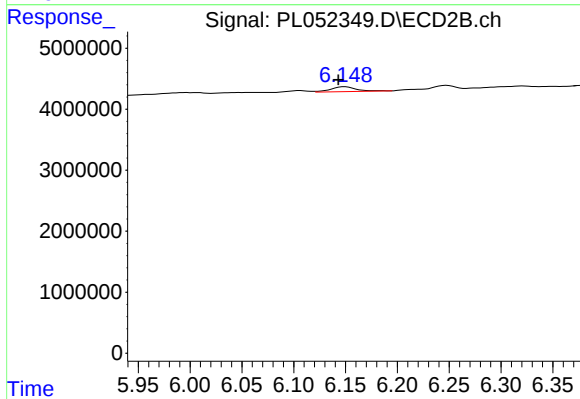
#8 Heptachlor epoxide

R.T.: 5.790 min  
Delta R.T.: 0.003 min  
Response: 2579488  
Conc: 0.76 ng/ml



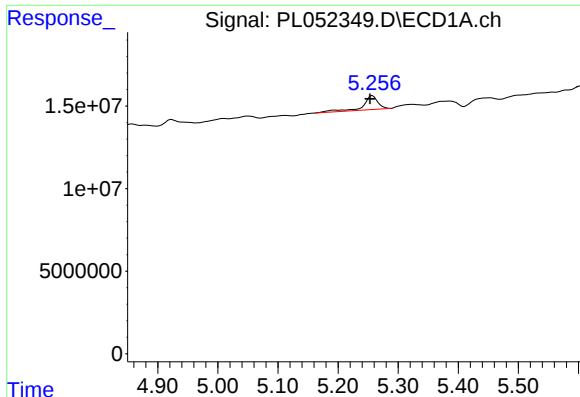
#9 Endosulfan I

R.T.: 5.324 min  
Delta R.T.: 0.018 min  
Response: 2704834  
Conc: 0.20 ng/ml



#9 Endosulfan I

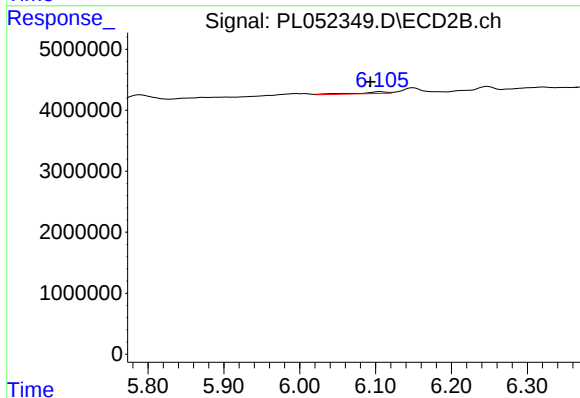
R.T.: 6.149 min  
Delta R.T.: 0.006 min  
Response: 1343587  
Conc: 0.42 ng/ml



#11 alpha-Chlordane

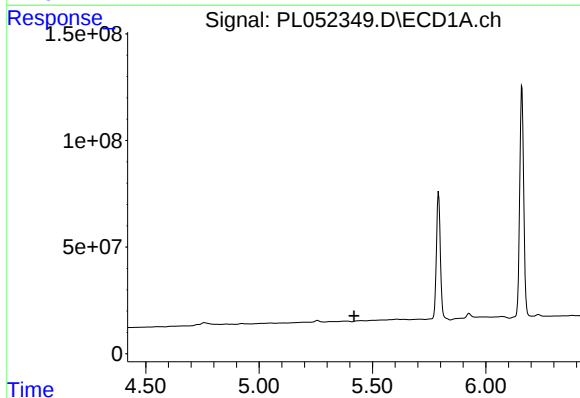
R.T.: 5.257 min  
Delta R.T.: 0.004 min  
Response: 14480794  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



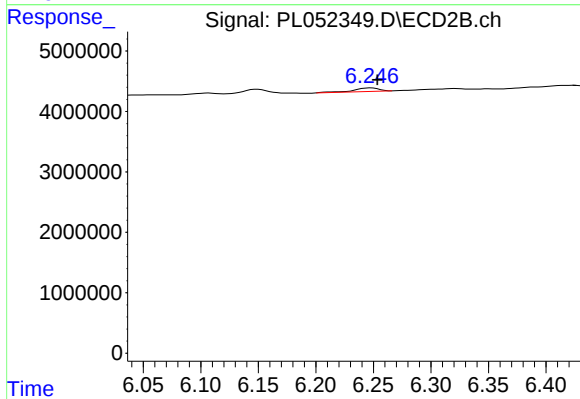
#11 alpha-Chlordane

R.T.: 6.106 min  
Delta R.T.: 0.013 min  
Response: 784691  
Conc: 0.23 ng/ml



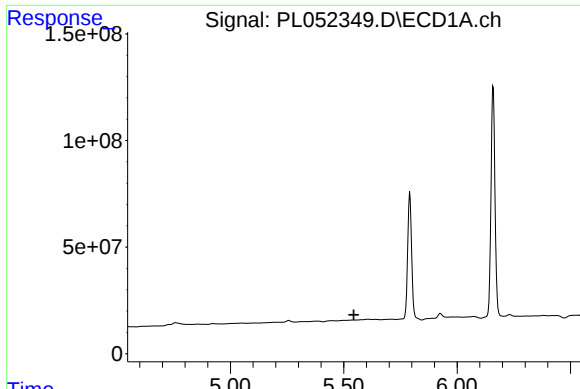
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.419 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

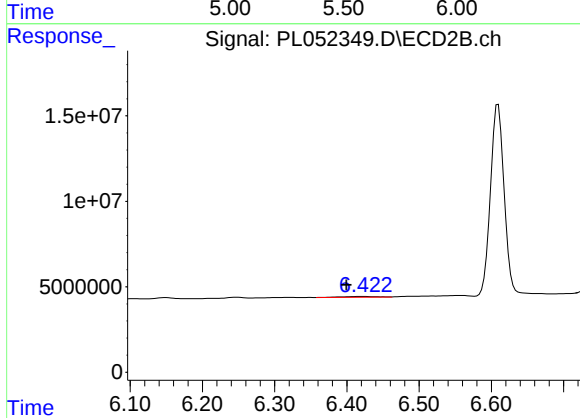
R.T.: 6.248 min  
Delta R.T.: -0.006 min  
Response: 899485  
Conc: 0.26 ng/ml



#13 Dieldrin

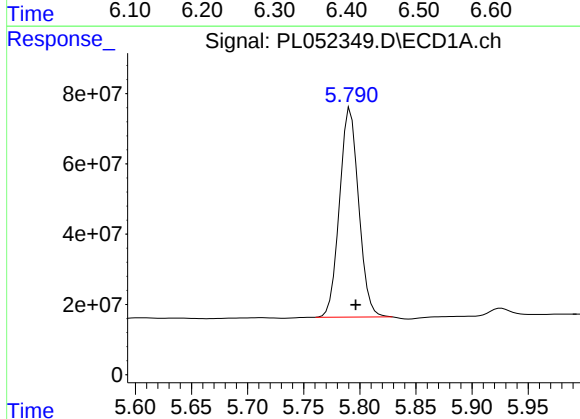
R.T.: 0.000 min  
Exp R.T.: 5.544 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



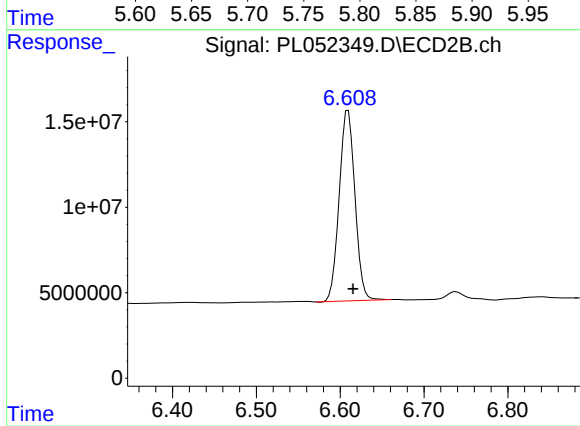
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: 0.024 min  
Response: 1470814  
Conc: 0.43 ng/ml



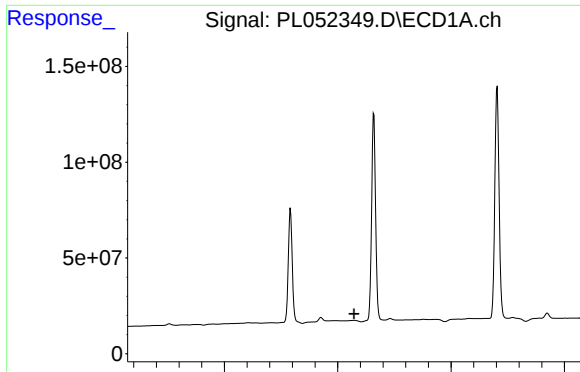
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: -0.005 min  
Response: 707562168  
Conc: 48.51 ng/ml



#14 Endrin

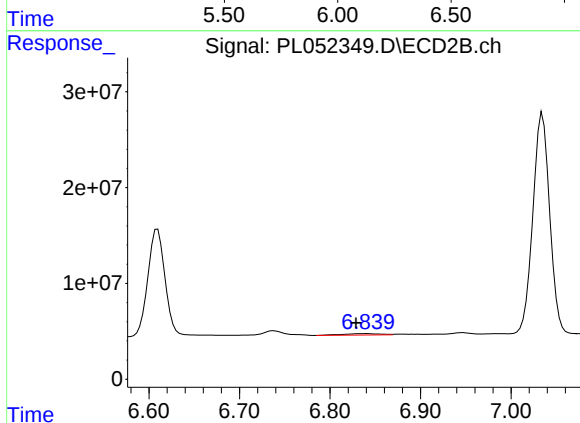
R.T.: 6.609 min  
Delta R.T.: -0.006 min  
Response: 145652349  
Conc: 48.16 ng/ml



#15 Endosulfan II

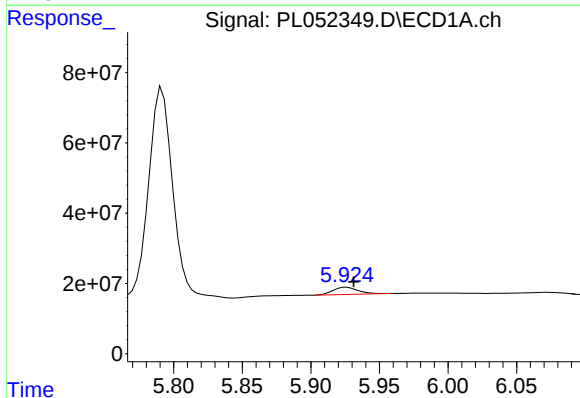
R.T.: 0.000 min  
Exp R.T.: 6.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



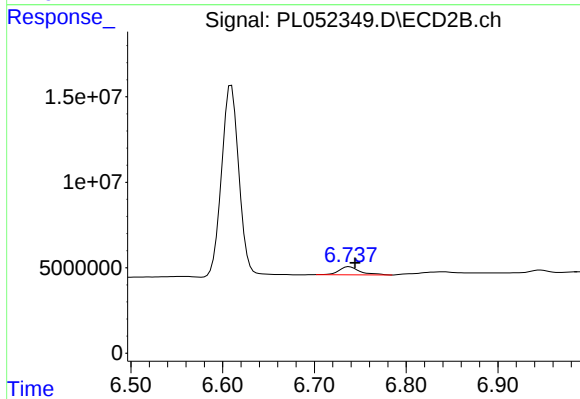
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: 0.011 min  
Response: 4130025  
Conc: 1.25 ng/ml



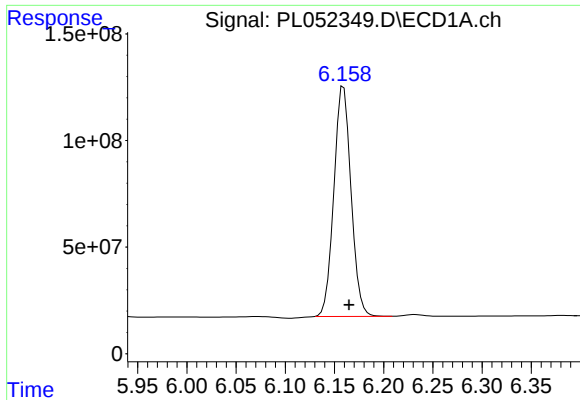
#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: -0.005 min  
Response: 25862159  
Conc: 2.11 ng/ml



#16 4,4'-DDD

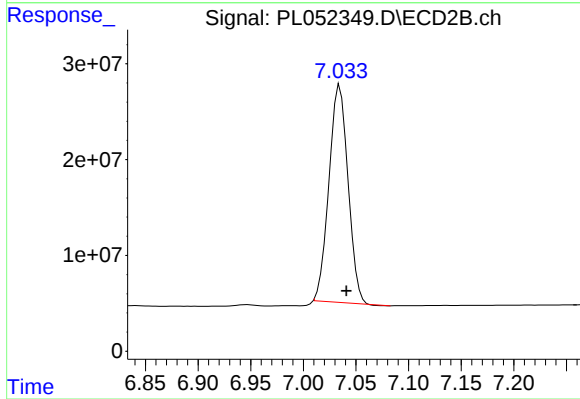
R.T.: 6.738 min  
Delta R.T.: -0.006 min  
Response: 7357631  
Conc: 2.72 ng/ml



#17 4,4'-DDT

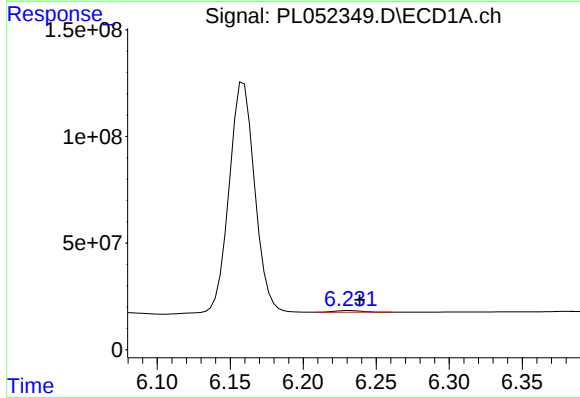
R.T.: 6.159 min  
Delta R.T.: -0.006 min  
Response: 1309455687  
Conc: 102.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



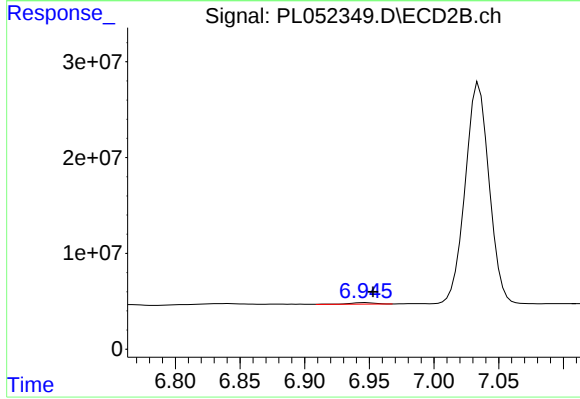
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: -0.006 min  
Response: 284951737  
Conc: 97.33 ng/ml



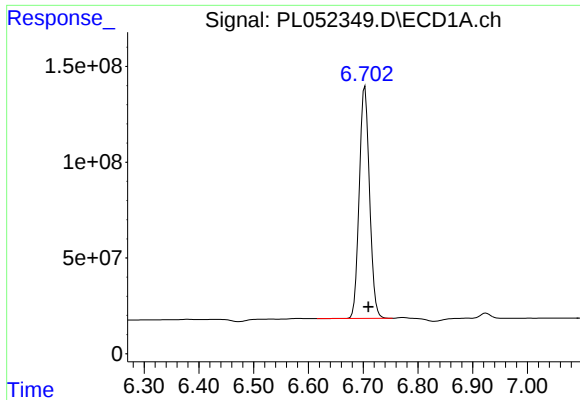
#18 Endrin aldehyde

R.T.: 6.232 min  
Delta R.T.: -0.006 min  
Response: 10910865  
Conc: 0.94 ng/ml



#18 Endrin aldehyde

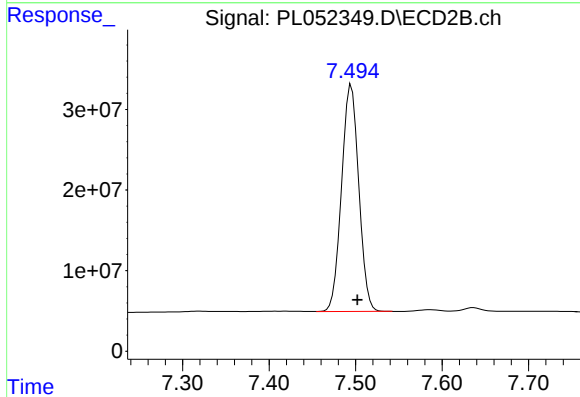
R.T.: 6.947 min  
Delta R.T.: -0.006 min  
Response: 2223072  
Conc: 0.79 ng/ml



#20 Methoxychlor

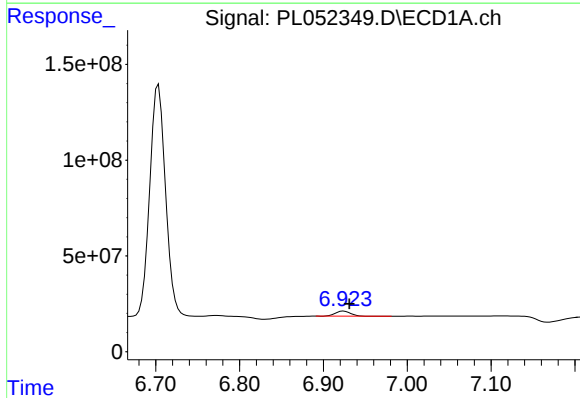
R.T.: 6.703 min  
Delta R.T.: -0.006 min  
Response: 1580516647  
Conc: 233.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



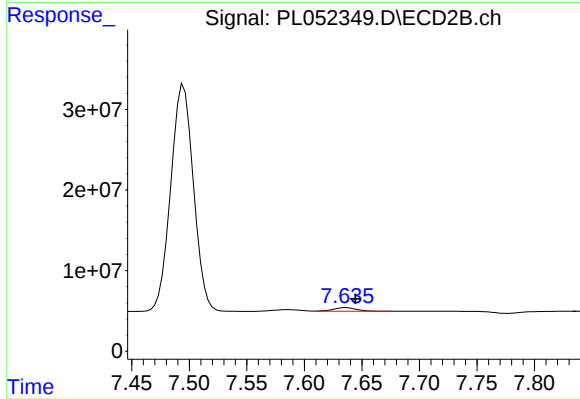
#20 Methoxychlor

R.T.: 7.495 min  
Delta R.T.: -0.007 min  
Response: 387291286  
Conc: 230.92 ng/ml



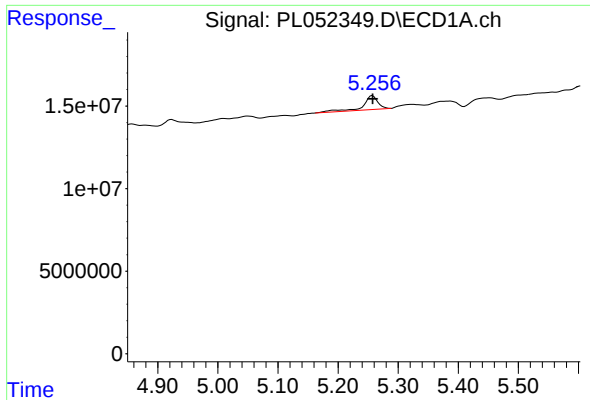
#21 Endrin ketone

R.T.: 6.924 min  
Delta R.T.: -0.007 min  
Response: 33332951  
Conc: 2.36 ng/ml



#21 Endrin ketone

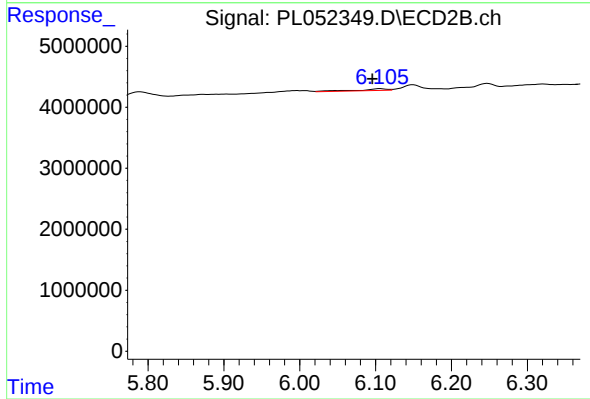
R.T.: 7.636 min  
Delta R.T.: -0.008 min  
Response: 6476810  
Conc: 2.02 ng/ml



#26 Chlordane-4

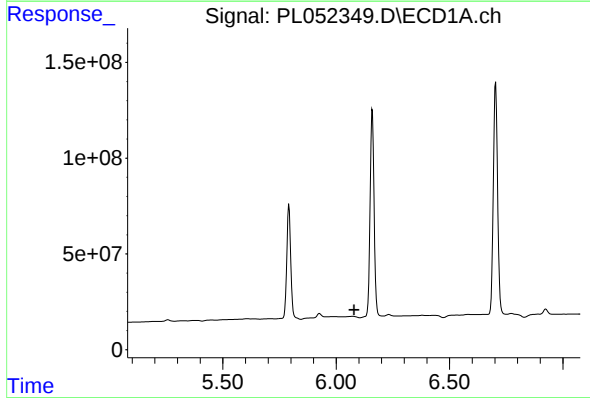
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 14480794  
Conc: 11.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



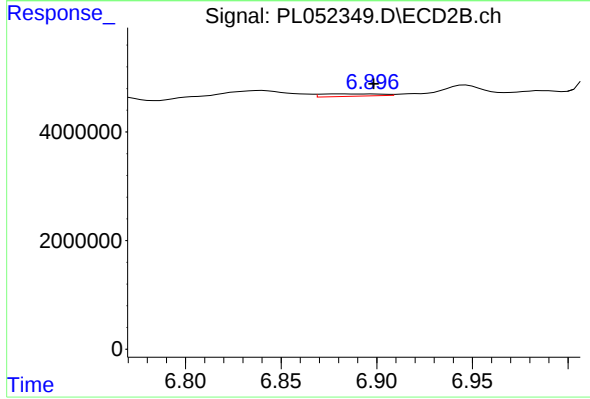
#26 Chlordane-4

R.T.: 6.106 min  
Delta R.T.: 0.011 min  
Response: 784691  
Conc: 1.44 ng/ml



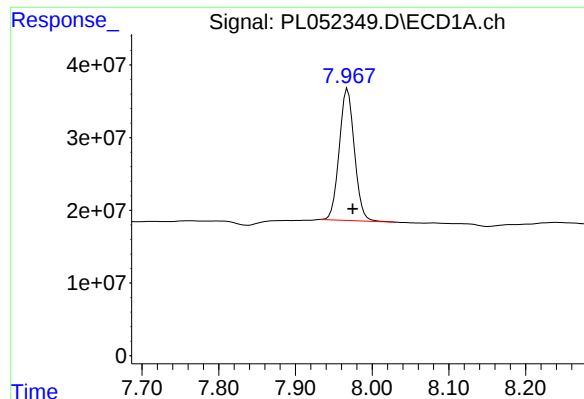
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.079 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

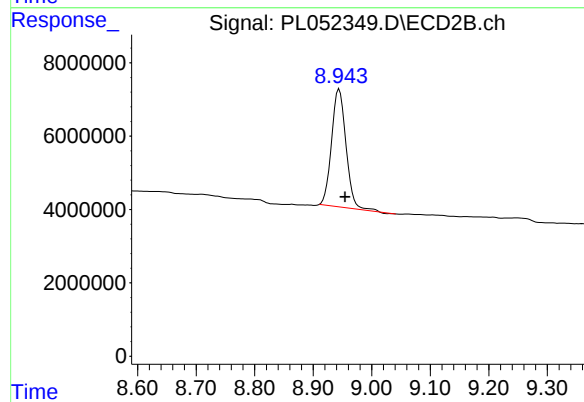
R.T.: 6.881 min  
Delta R.T.: -0.018 min  
Response: 938995  
Conc: 9.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.968 min  
Delta R.T.: -0.007 min  
Response: 248025853  
Conc: 20.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.944 min  
Delta R.T.: -0.010 min  
Response: 54639091  
Conc: 17.95 ng/ml