

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121018\  
 Data File : PL042896.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2018 09:31  
 Operator : AJ\SJ  
 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: Dec 10 09:57:47 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.463  | 4.100 | 136.0E6  | 64028370 | 22.182  | 21.603   |
| 2)                          | SA Decachlor... | 8.200  | 9.228 | 139.8E6  | 55597958 | 21.407  | 21.314   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.903  | 4.495 | 97322954 | 45787331 | 10.295  | 10.122   |
| 3)                          | MA gamma-BHC... | 4.186  | 4.783 | 88106385 | 44364645 | 10.204  | 10.578   |
| 4)                          | MA Heptachlor   | 4.440f | 0.000 | 40013132 | 0        | 4.510   | N.D. #   |
| 6)                          | B beta-BHC      | 4.440  | 4.953 | 40013132 | 17477422 | 10.848  | 10.324   |
| 7)                          | B delta-BHC     | 0.000  | 5.155 | 0        | 10407037 | N.D.    | 2.422 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.990 | 0        | 15564334 | N.D.    | 4.105 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.330 | 0        | 5006295  | N.D.    | 1.474 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.263 | 0        | 9161654  | N.D.    | 2.494 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.330 | 0        | 5006295  | N.D.    | 1.392 #  |
| 12)                         | B 4,4'-DDE      | 5.618  | 0.000 | 2620060  | 0        | 0.378   | N.D. #   |
| 14)                         | MA Endrin       | 6.006  | 6.833 | 406.6E6  | 163.4E6  | 56.465  | 52.350   |
| 16)                         | A 4,4'-DDD      | 6.136  | 0.000 | 2912821  | 0        | 0.514   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.373  | 7.250 | 721.5E6  | 314.0E6  | 121.279 | 106.911  |
| 20)                         | A Methoxychlor  | 6.919  | 7.707 | 930.6E6  | 383.8E6  | 277.329 | 254.437  |
| 21)                         | B Endrin ke...  | 7.149  | 0.000 | 1132853  | 0        | 0.157   | N.D. #   |
| 23)                         | Chlordane-1     | 4.361  | 5.155 | 1718119  | 10407037 | 6.394   | 73.635 # |
| 25)                         | Chlordane-3     | 0.000  | 6.263 | 0        | 9161654  | N.D.    | 18.656 # |
| 26)                         | Chlordane-4     | 0.000  | 6.330 | 0        | 5006295  | N.D.    | 8.771 #  |
| -----                       |                 |        |       |          |          |         |          |

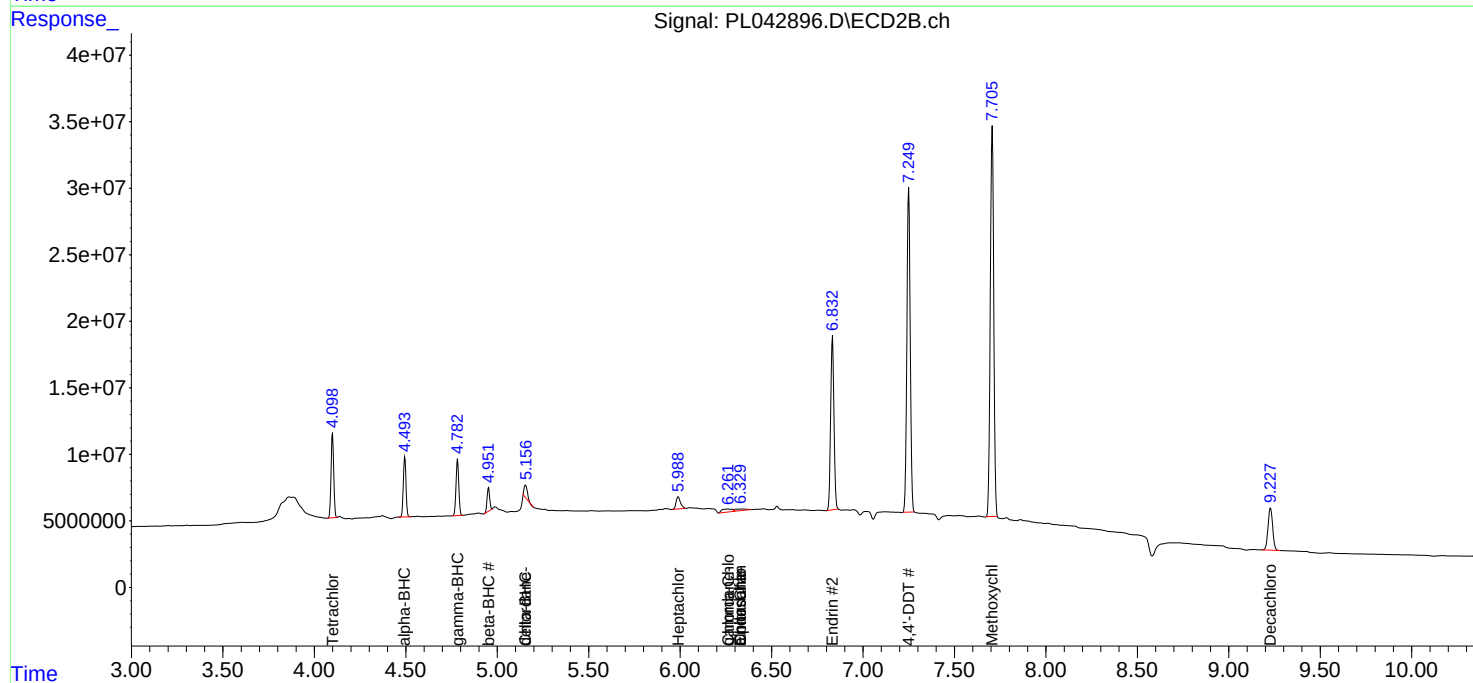
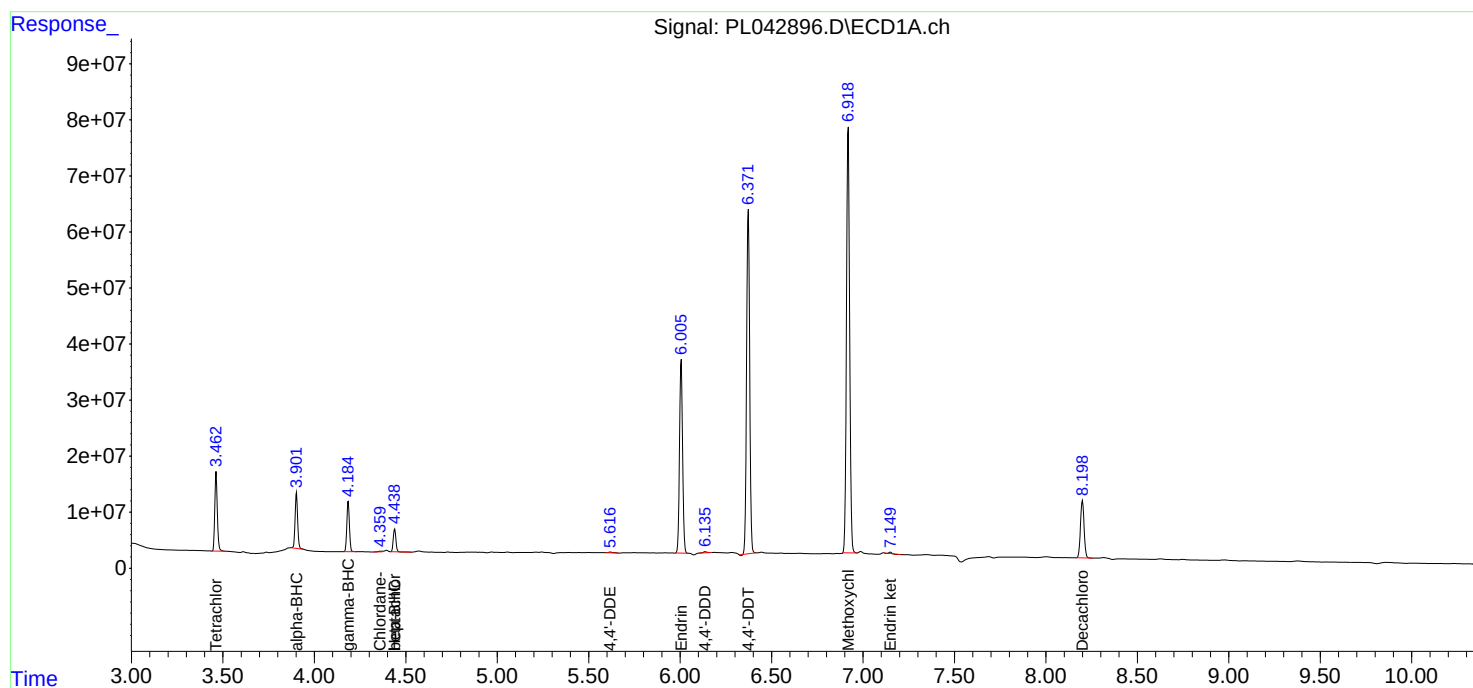
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

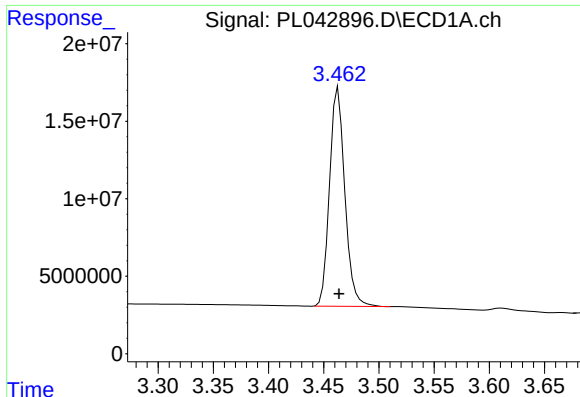
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121018\  
Data File : PL042896.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Dec 2018 09:31  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 09:57:47 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

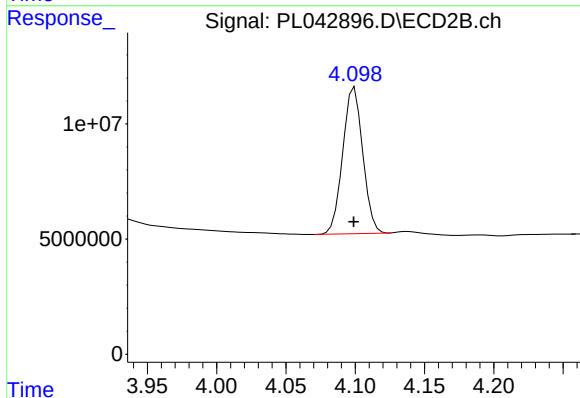




#1 Tetrachloro-m-xylene

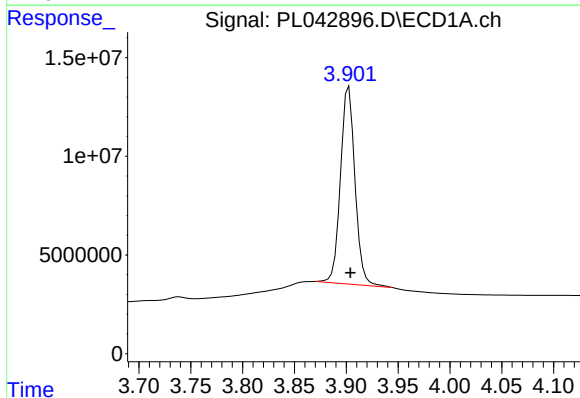
R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 136042057  
Conc: 22.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



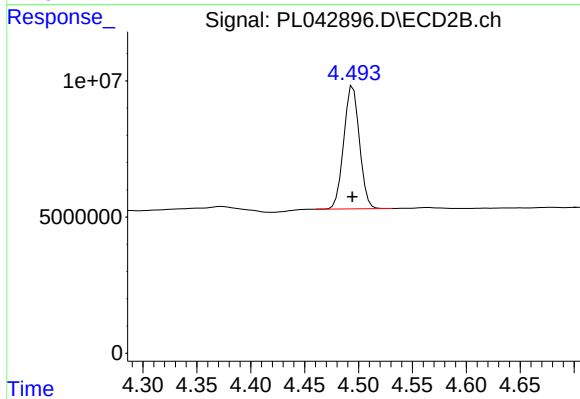
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 64028370  
Conc: 21.60 ng/ml



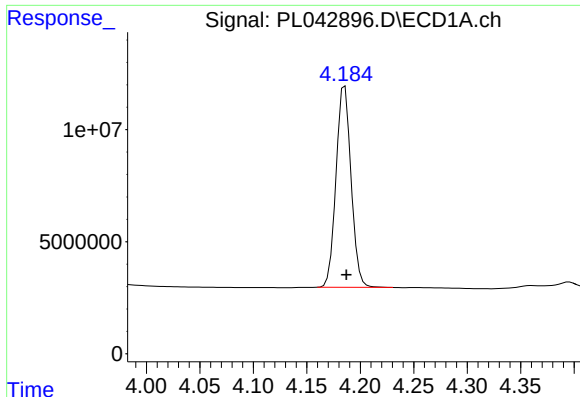
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: -0.002 min  
Response: 97322954  
Conc: 10.30 ng/ml



#2 alpha-BHC

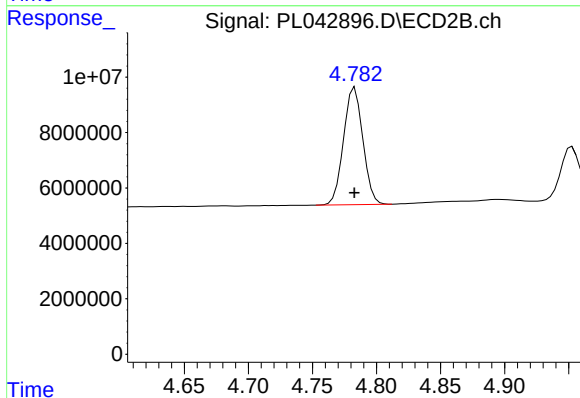
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 45787331  
Conc: 10.12 ng/ml



#3 gamma-BHC (Lindane)

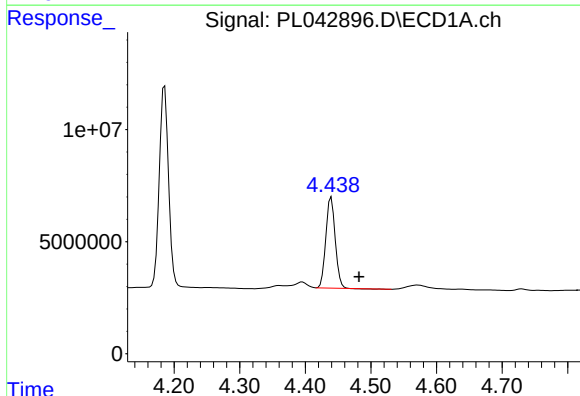
R.T.: 4.186 min  
Delta R.T.: -0.001 min  
Response: 88106385  
Conc: 10.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



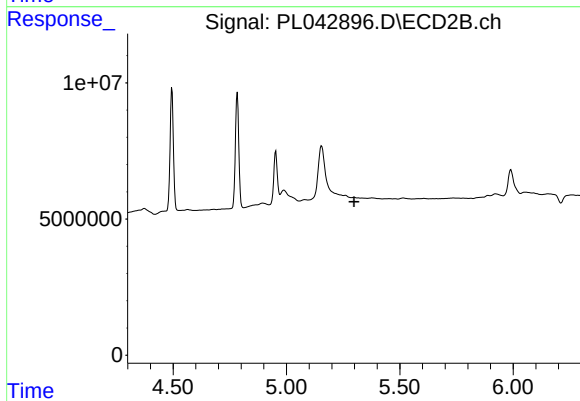
#3 gamma-BHC (Lindane)

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 44364645  
Conc: 10.58 ng/ml



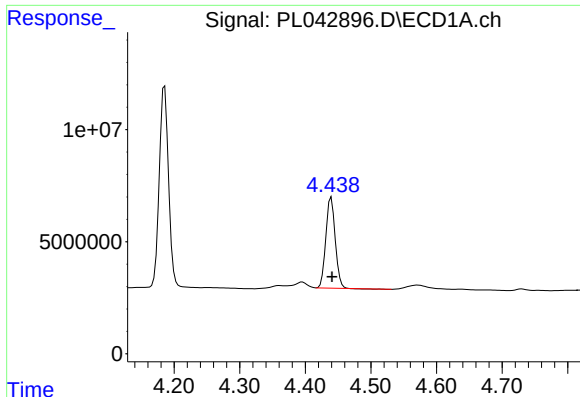
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: -0.043 min  
Response: 40013132  
Conc: 4.51 ng/ml



#4 Heptachlor

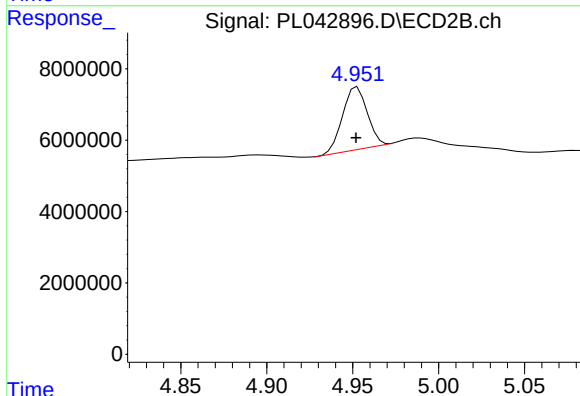
R.T.: 0.000 min  
Exp R.T. : 5.298 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

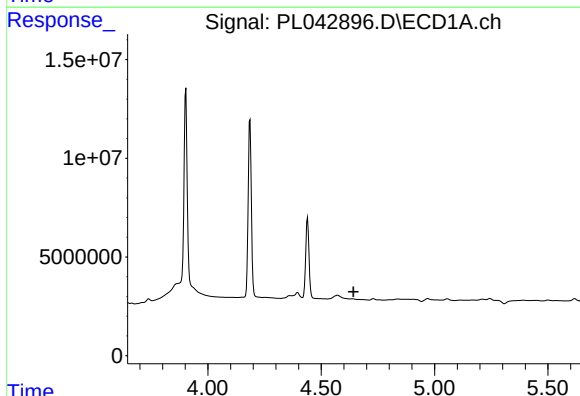
R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 40013132  
Conc: 10.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



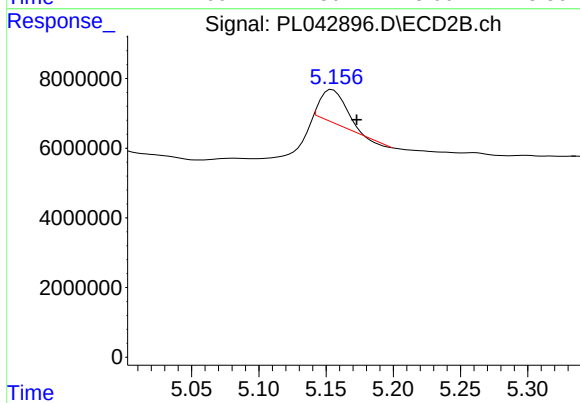
#6 beta-BHC

R.T.: 4.953 min  
Delta R.T.: 0.000 min  
Response: 17477422  
Conc: 10.32 ng/ml



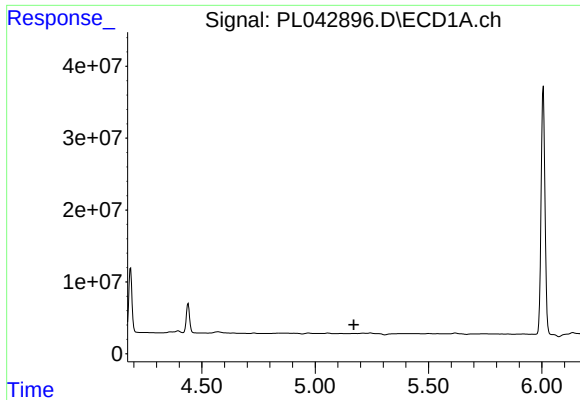
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.643 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

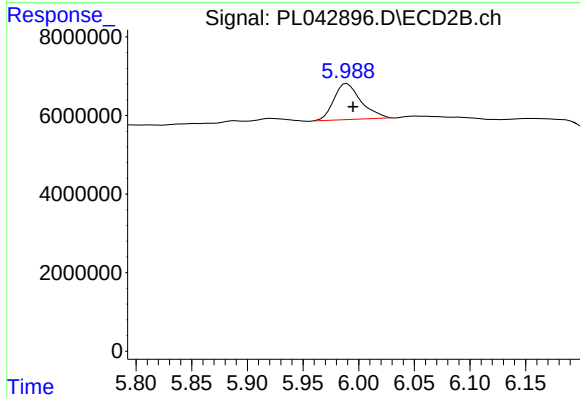
R.T.: 5.155 min  
Delta R.T.: -0.018 min  
Response: 10407037  
Conc: 2.42 ng/ml



#8 Heptachlor epoxide

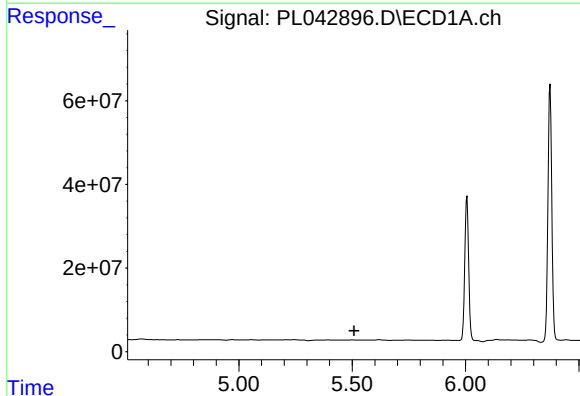
R.T.: 0.000 min  
Exp R.T. : 5.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



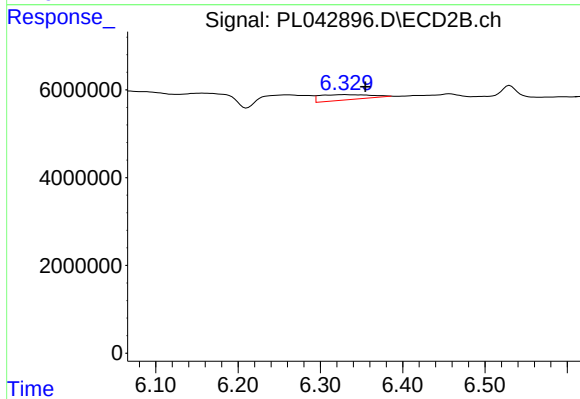
#8 Heptachlor epoxide

R.T.: 5.990 min  
Delta R.T.: -0.005 min  
Response: 15564334  
Conc: 4.10 ng/ml



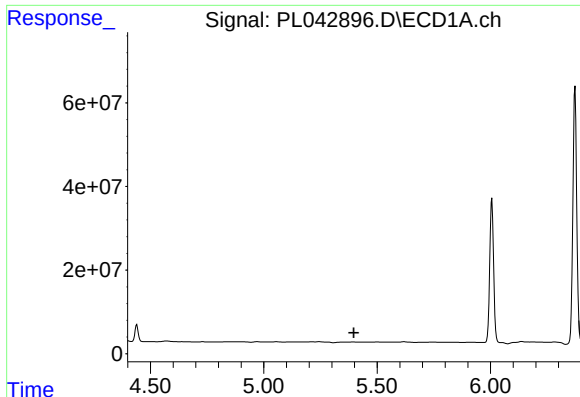
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.508 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

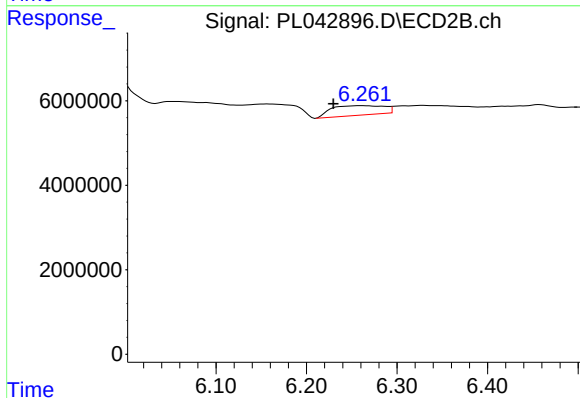
R.T.: 6.330 min  
Delta R.T.: -0.025 min  
Response: 5006295  
Conc: 1.47 ng/ml



#10 gamma-Chlordane

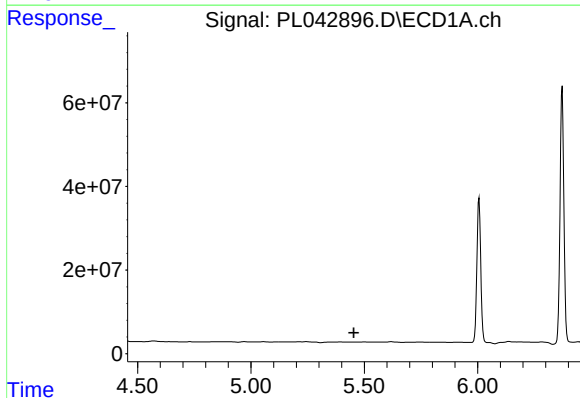
R.T.: 0.000 min  
Exp R.T.: 5.397 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



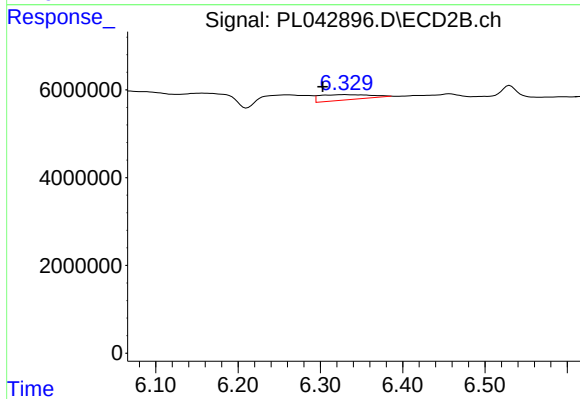
#10 gamma-Chlordane

R.T.: 6.263 min  
Delta R.T.: 0.033 min  
Response: 9161654  
Conc: 2.49 ng/ml



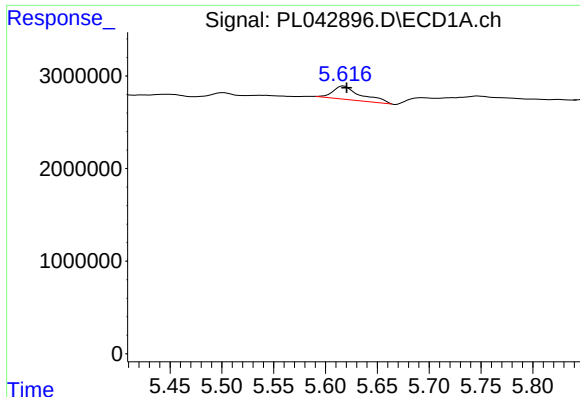
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.454 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

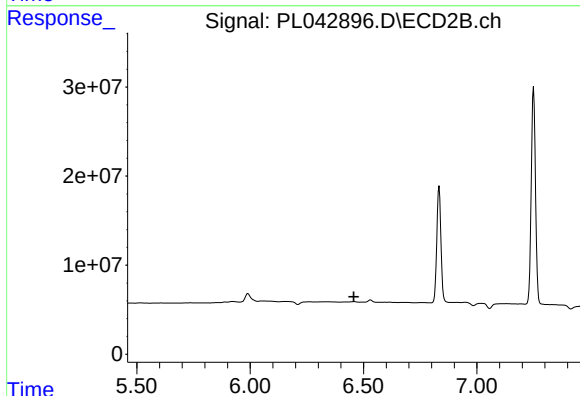
R.T.: 6.330 min  
Delta R.T.: 0.027 min  
Response: 5006295  
Conc: 1.39 ng/ml



#12 4,4'-DDE

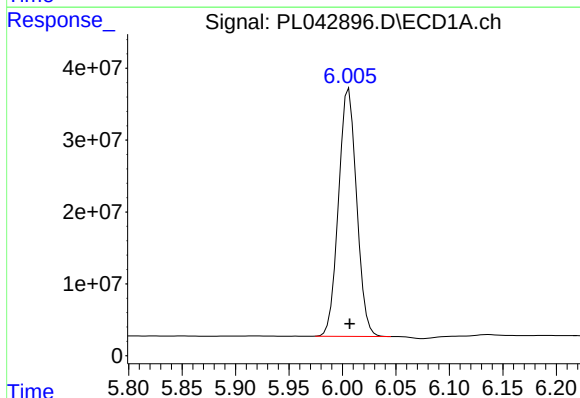
R.T.: 5.618 min  
Delta R.T.: -0.003 min  
Response: 2620060  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



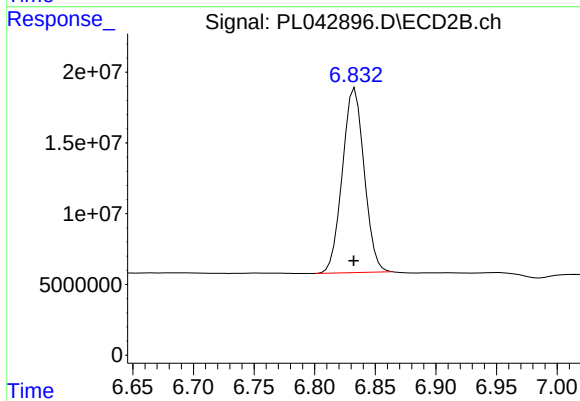
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.457 min  
Response: 0  
Conc: N.D.



#14 Endrin

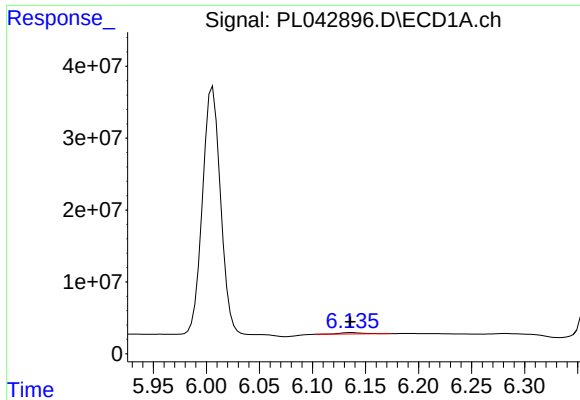
R.T.: 6.006 min  
Delta R.T.: 0.000 min  
Response: 406575668  
Conc: 56.46 ng/ml



#14 Endrin

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 163436194  
Conc: 52.35 ng/ml

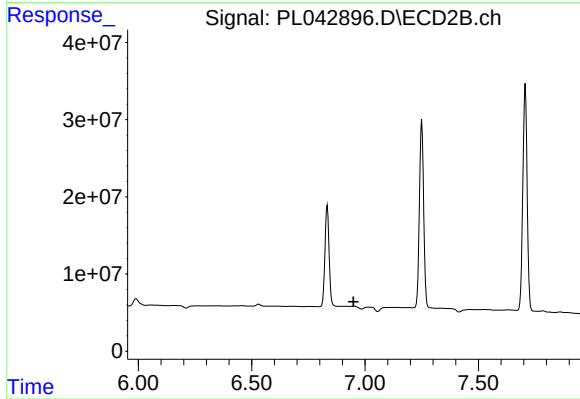




#16 4,4'-DDD

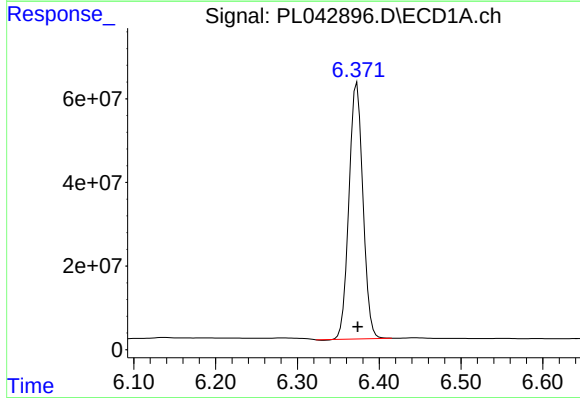
R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 2912821  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



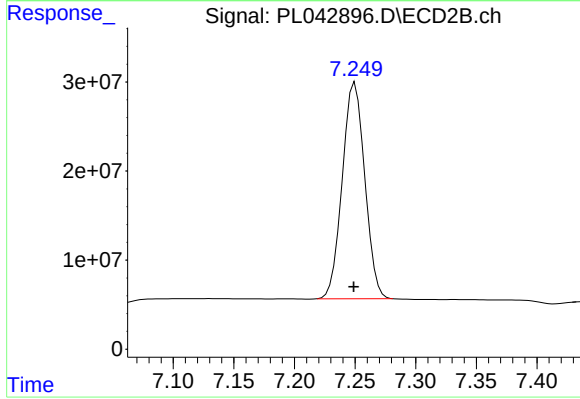
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.949 min  
Response: 0  
Conc: N.D.



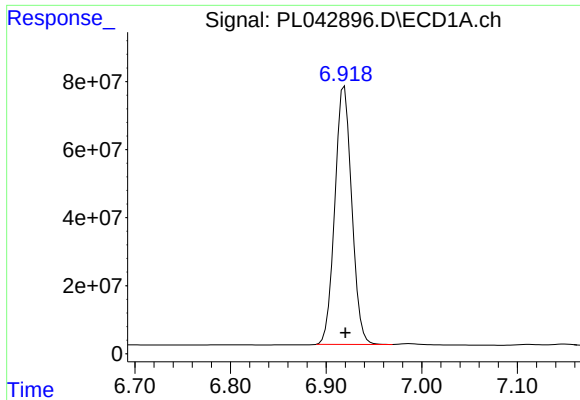
#17 4,4'-DDT

R.T.: 6.373 min  
Delta R.T.: -0.001 min  
Response: 721481325  
Conc: 121.28 ng/ml



#17 4,4'-DDT

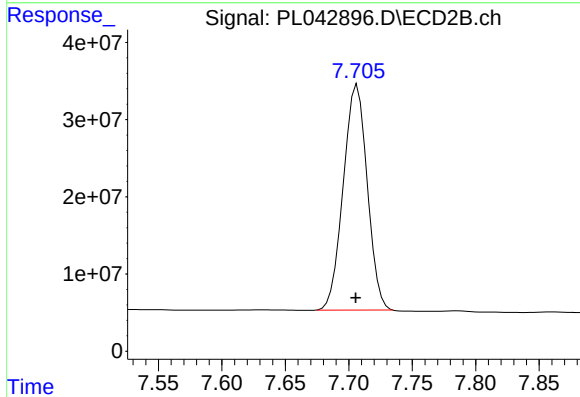
R.T.: 7.250 min  
Delta R.T.: 0.000 min  
Response: 314002910  
Conc: 106.91 ng/ml



#20 Methoxychlor

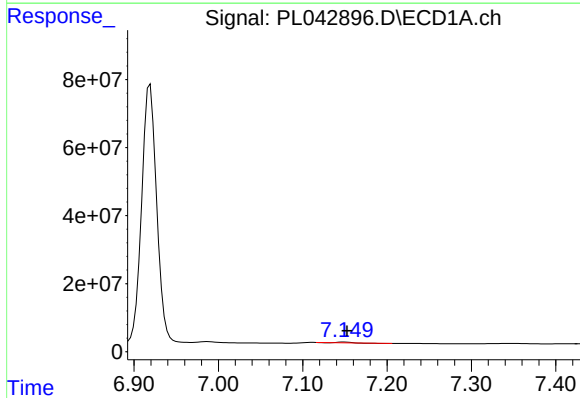
R.T.: 6.919 min  
Delta R.T.: -0.001 min  
Response: 930550086  
Conc: 277.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



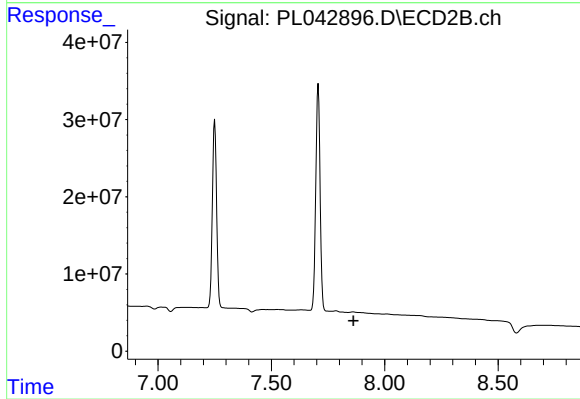
#20 Methoxychlor

R.T.: 7.707 min  
Delta R.T.: 0.001 min  
Response: 383772312  
Conc: 254.44 ng/ml



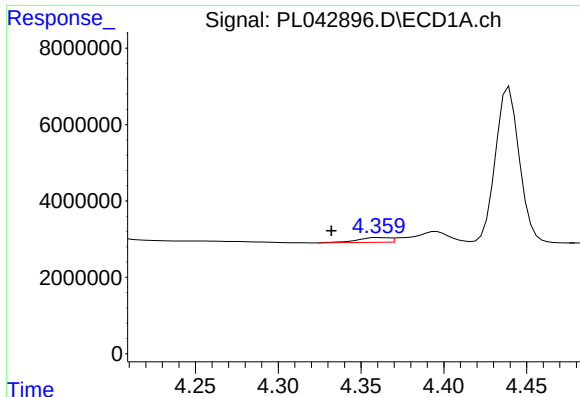
#21 Endrin ketone

R.T.: 7.149 min  
Delta R.T.: -0.003 min  
Response: 1132853  
Conc: 0.16 ng/ml



#21 Endrin ketone

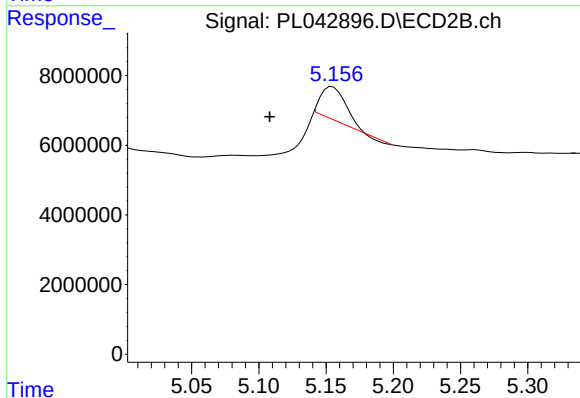
R.T.: 0.000 min  
Exp R.T.: 7.863 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

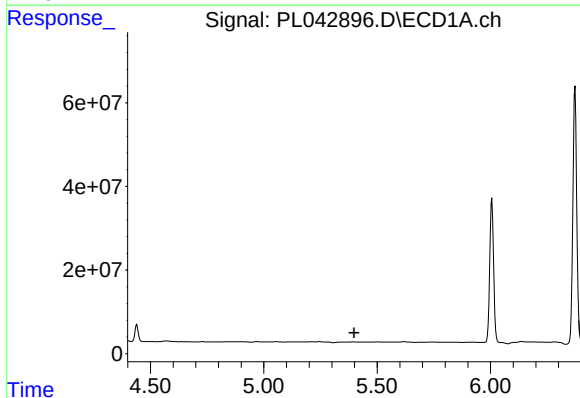
R.T.: 4.361 min  
Delta R.T.: 0.029 min  
Response: 1718119  
Conc: 6.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



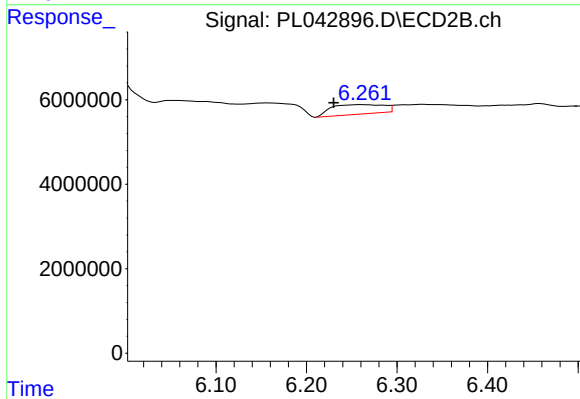
#23 Chlordane-1

R.T.: 5.155 min  
Delta R.T.: 0.047 min  
Response: 10407037  
Conc: 73.63 ng/ml



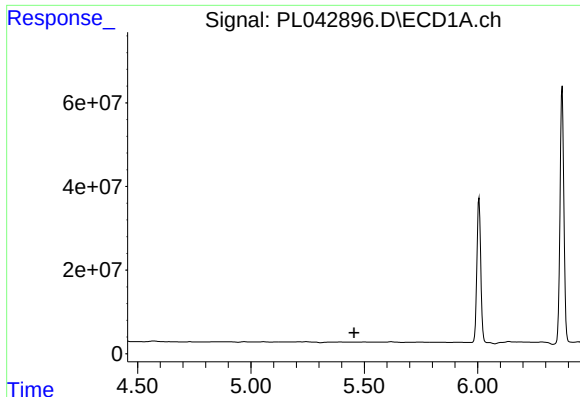
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.398 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

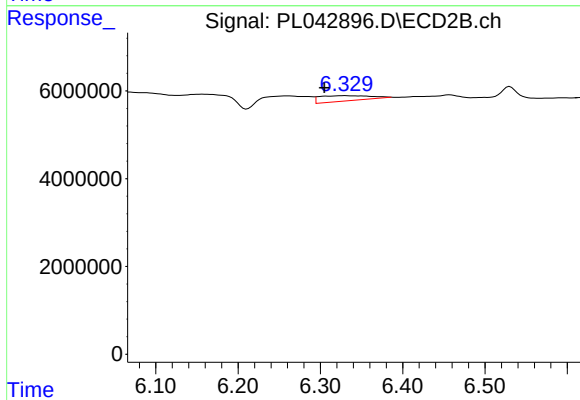
R.T.: 6.263 min  
Delta R.T.: 0.033 min  
Response: 9161654  
Conc: 18.66 ng/ml



#26 Chlordane-4

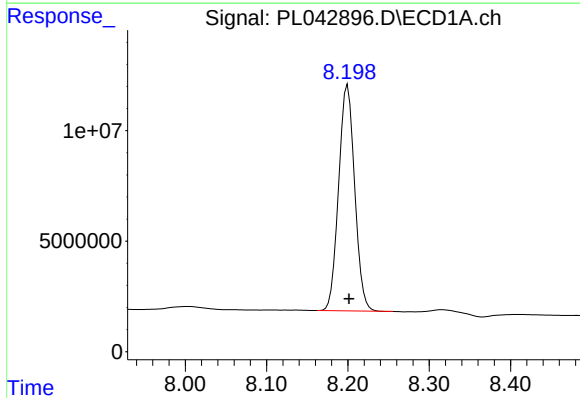
R.T.: 0.000 min  
Exp R.T.: 5.455 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



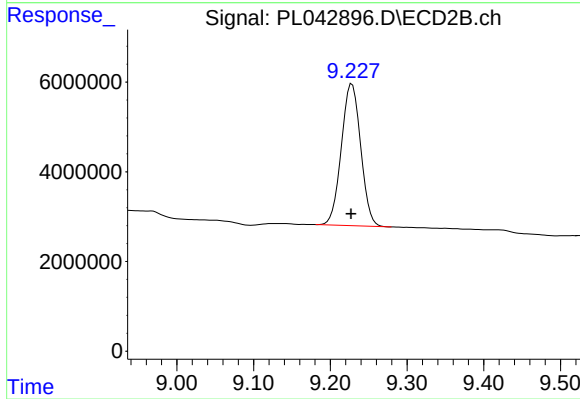
#26 Chlordane-4

R.T.: 6.330 min  
Delta R.T.: 0.025 min  
Response: 5006295  
Conc: 8.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: -0.001 min  
Response: 139786771  
Conc: 21.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.228 min  
Delta R.T.: 0.001 min  
Response: 55597958  
Conc: 21.31 ng/ml