

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
 Data File : PL052925.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 08:37  
 Operator : SG\AJ  
 Sample : K5078-07  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EXT-024-SW071-092619

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 00:52:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.548  | 4.047  | 140.2E6  | 39875187 | 14.097 | 14.850   |
| 28)                         | SA Decachlor... | 8.343  | 9.123  | 158.8E6  | 50057969 | 15.857 | 17.063   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.704f | 0        | 1343431  | N.D.   | 0.371 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.104  | 0        | 829623   | N.D.   | 0.229 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.928  | 0        | 1201557  | N.D.   | 0.359 #  |
| 9)                          | A Endosulfan I  | 5.649f | 0.000  | 21337449 | 0        | 1.758  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.540f | 6.158  | 28582351 | 6743432  | 2.125  | 1.993    |
| 11)                         | B alpha-Chl...  | 0.000  | 6.233  | 0        | 9337167  | N.D.   | 2.774 #  |
| 12)                         | B 4,4'-DDE      | 5.739  | 6.386  | 298.8E6  | 77692533 | 25.748 | 23.787   |
| 14)                         | MA Endrin       | 6.133  | 6.782f | 37900844 | 10434577 | 3.327  | 3.758    |
| 15)                         | B Endosulfa...  | 0.000  | 6.975  | 0        | 3235603  | N.D.   | 1.091 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.876  | 0        | 6079751  | N.D.   | 2.479 #  |
| 17)                         | MA 4,4'-DDT     | 6.500  | 7.175  | 320.7E6  | 82374291 | 31.399 | 31.651   |
| 18)                         | B Endrin al...  | 6.553f | 0.000  | 15831963 | 0        | 1.686  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.307f | 0.000  | 10932783 | 0        | 0.938  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 5.041  | 0        | 942705   | N.D.   | 9.294 #  |
| 25)                         | Chlordane-3     | 5.540f | 6.158  | 28582351 | 6743432  | 24.668 | 15.484 # |
| 26)                         | Chlordane-4     | 0.000  | 6.233  | 0        | 9337167  | N.D.   | 17.584 # |
| -----                       |                 |        |        |          |          |        |          |

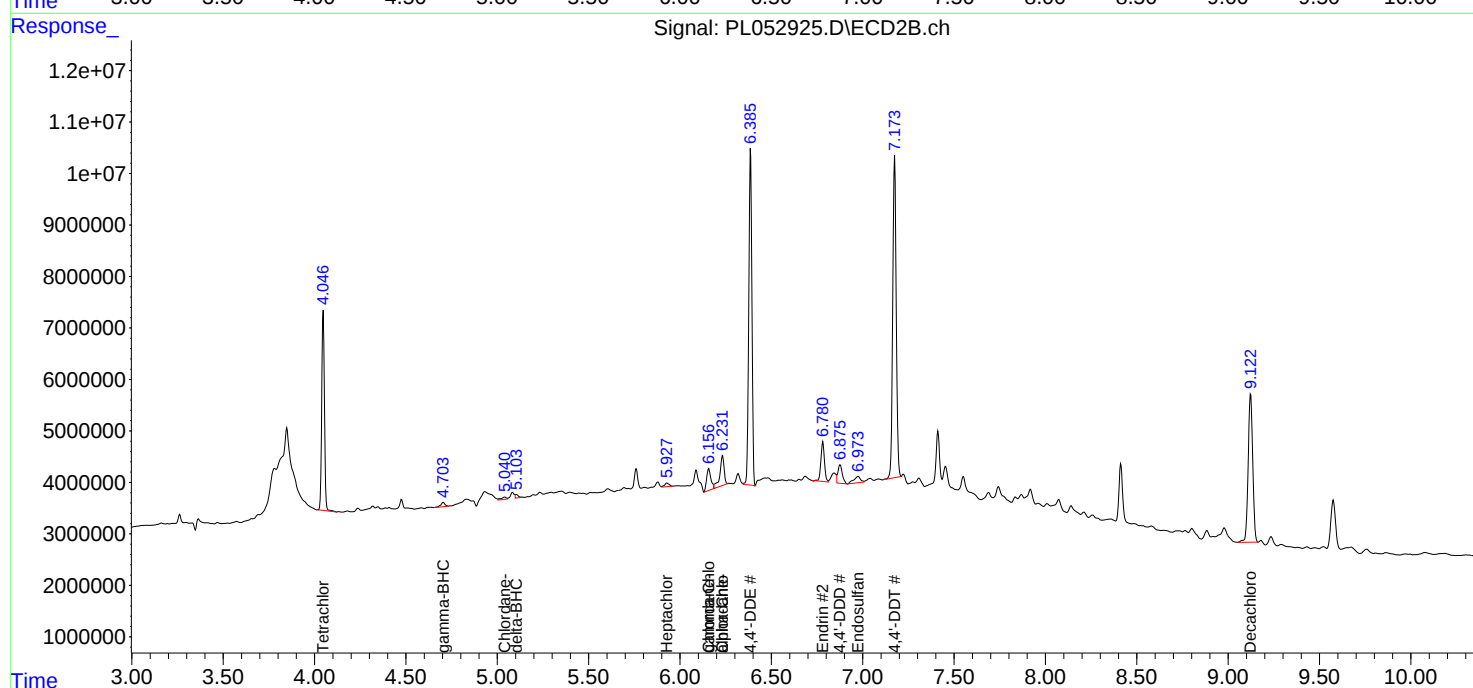
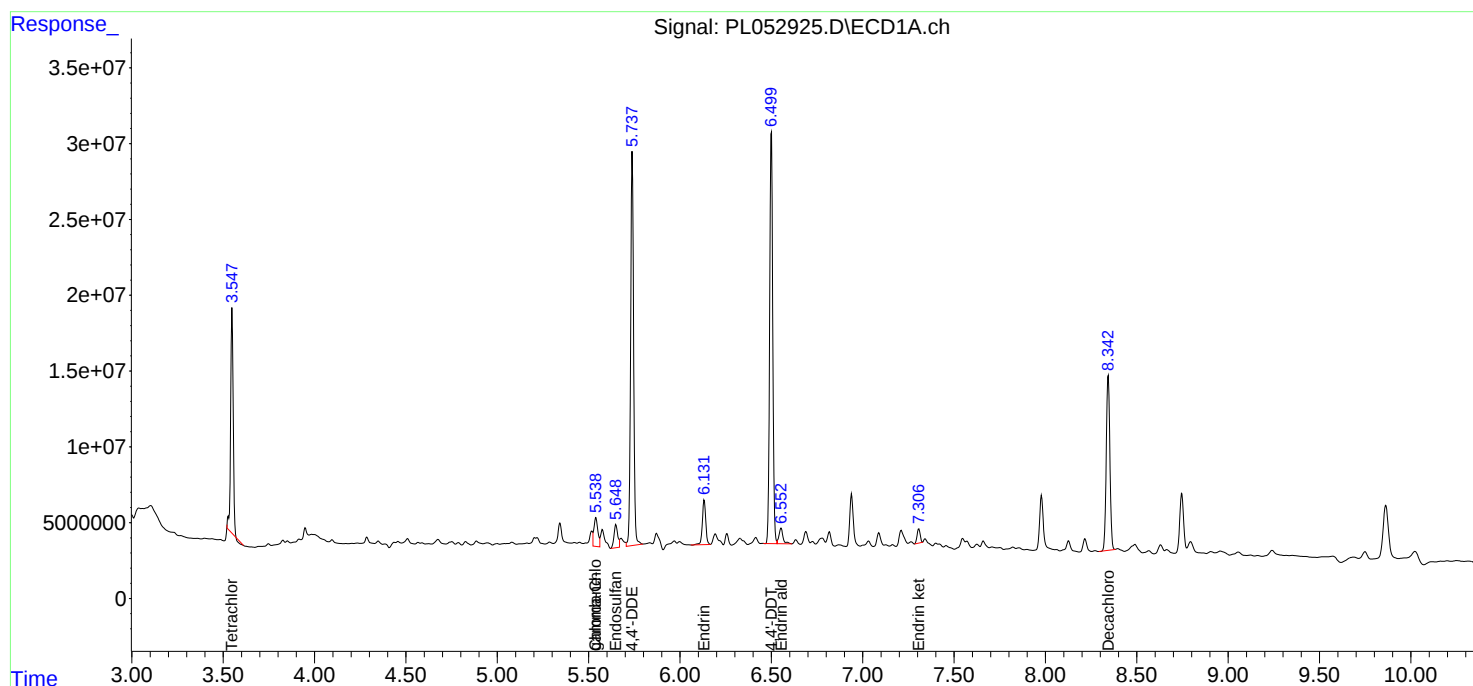
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

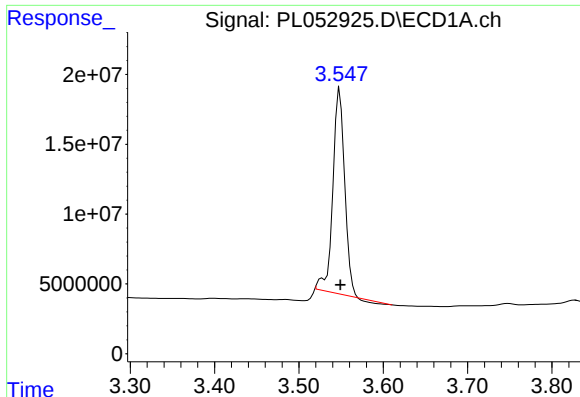
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
Data File : PL052925.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 08:37  
Operator : SG\AJ  
Sample : K5078-07  
Misc :  
ALS Vial : 78 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 00:52:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 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

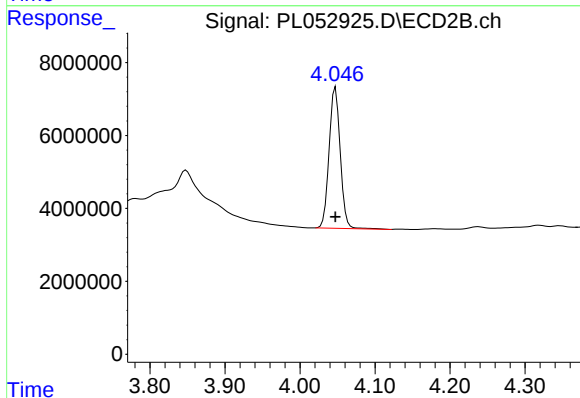




#1 Tetrachloro-m-xylene

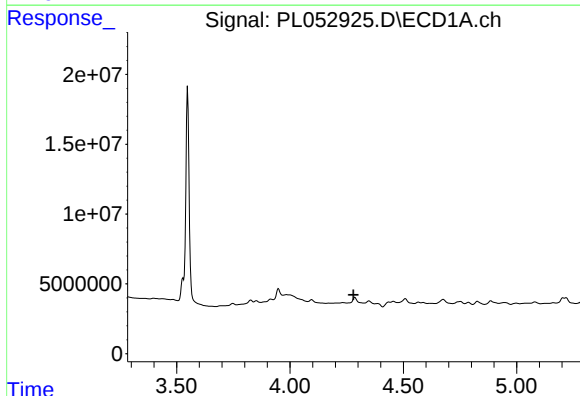
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 140217129  
Conc: 14.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



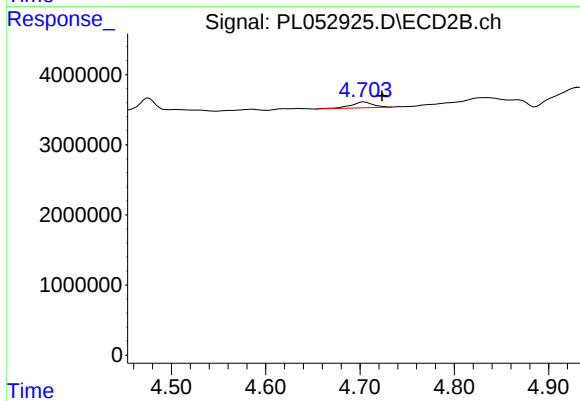
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 39875187  
Conc: 14.85 ng/ml



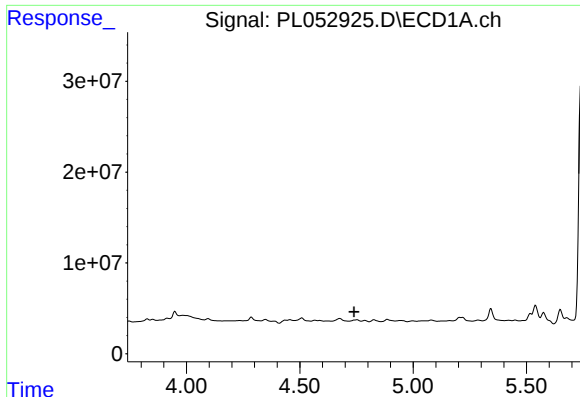
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.281 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

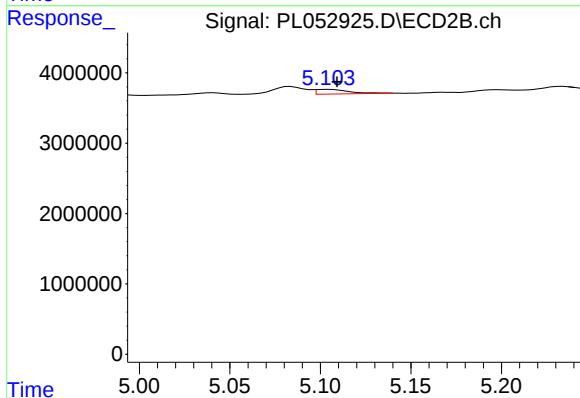
R.T.: 4.704 min  
Delta R.T.: -0.019 min  
Response: 1343431  
Conc: 0.37 ng/ml



#7 delta-BHC

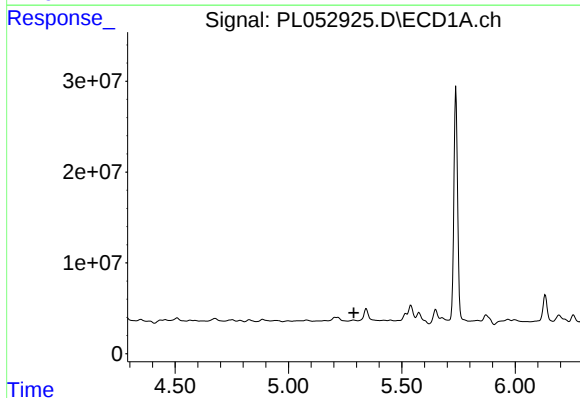
R.T.: 0.000 min  
Exp R.T. : 4.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



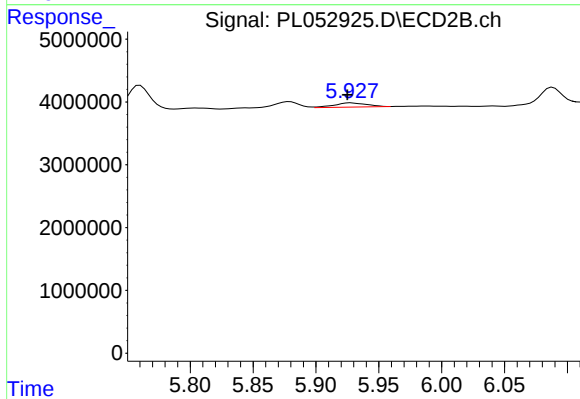
#7 delta-BHC

R.T.: 5.104 min  
Delta R.T.: -0.005 min  
Response: 829623  
Conc: 0.23 ng/ml



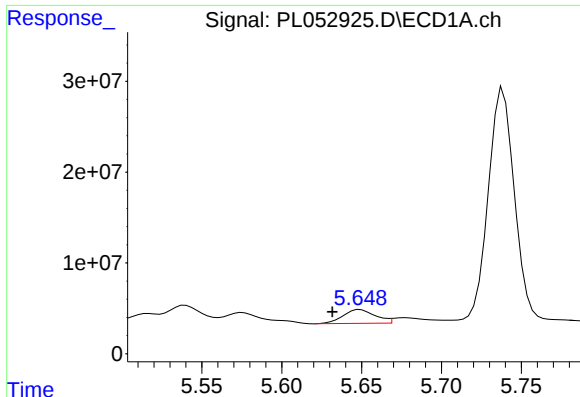
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.289 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

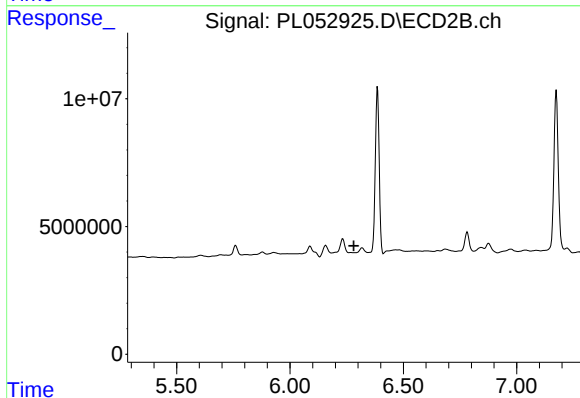
R.T.: 5.928 min  
Delta R.T.: 0.003 min  
Response: 1201557  
Conc: 0.36 ng/ml



#9 Endosulfan I

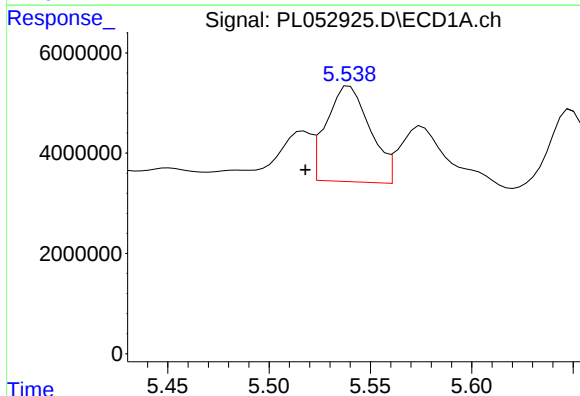
R.T.: 5.649 min  
Delta R.T.: 0.018 min  
Response: 21337449  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



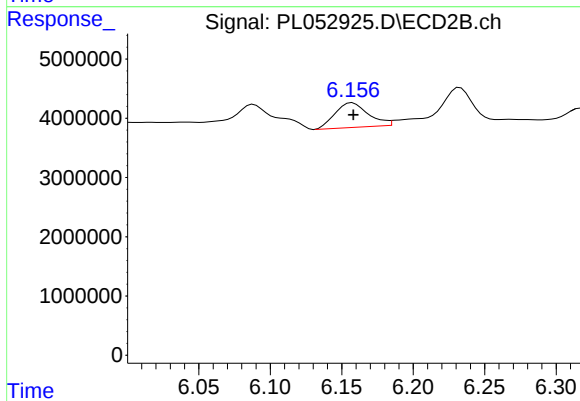
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.281 min  
Response: 0  
Conc: N.D.



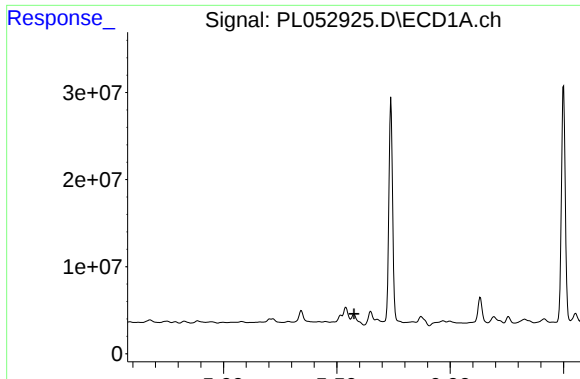
#10 gamma-Chlordane

R.T.: 5.540 min  
Delta R.T.: 0.022 min  
Response: 28582351  
Conc: 2.13 ng/ml



#10 gamma-Chlordane

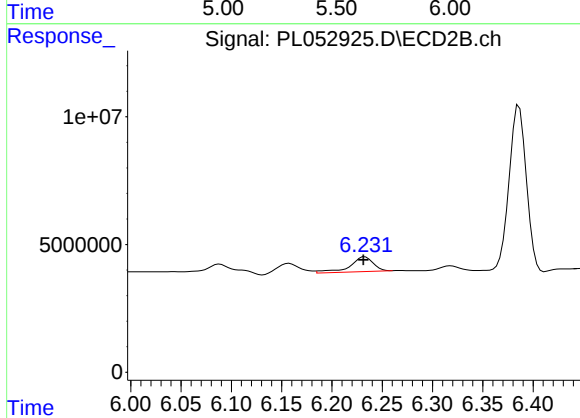
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 6743432  
Conc: 1.99 ng/ml



#11 alpha-Chlordane

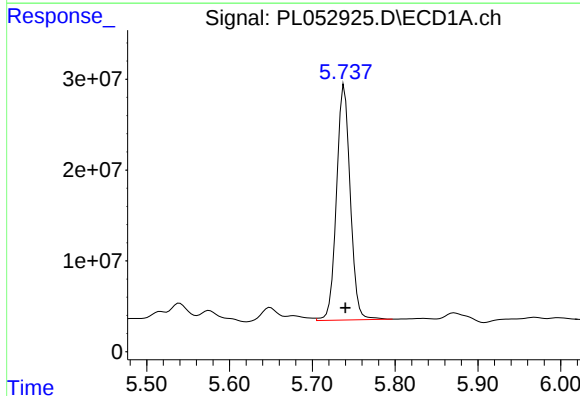
R.T.: 0.000 min  
Exp R.T.: 5.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



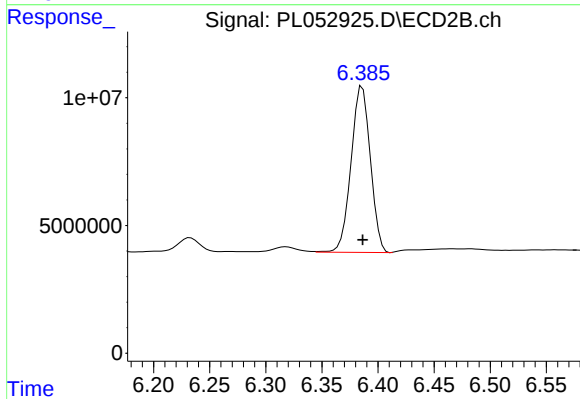
#11 alpha-Chlordane

R.T.: 6.233 min  
Delta R.T.: 0.001 min  
Response: 9337167  
Conc: 2.77 ng/ml



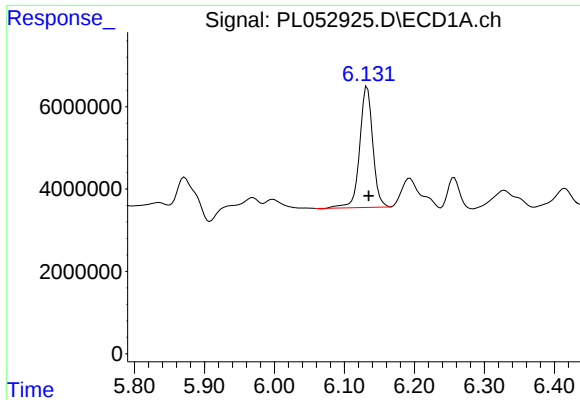
#12 4,4'-DDE

R.T.: 5.739 min  
Delta R.T.: -0.001 min  
Response: 298843313  
Conc: 25.75 ng/ml



#12 4,4'-DDE

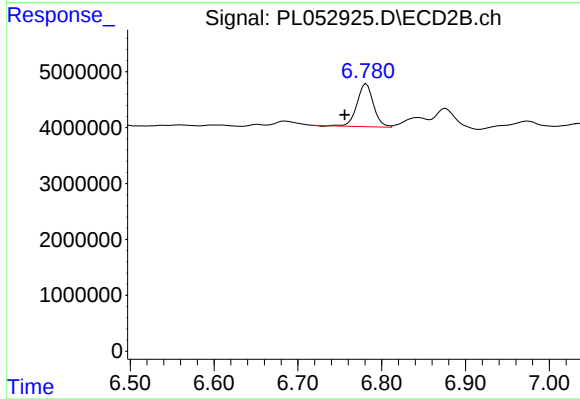
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 77692533  
Conc: 23.79 ng/ml



#14 Endrin

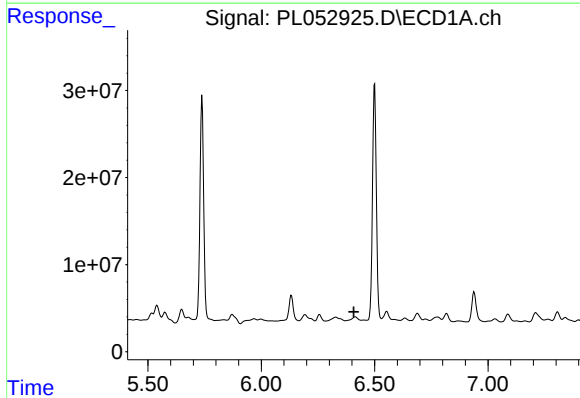
R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 37900844  
Conc: 3.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



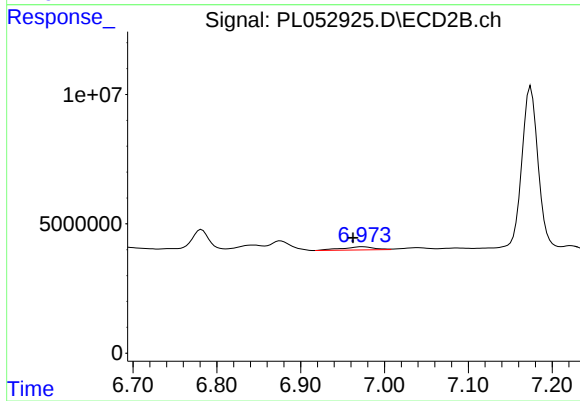
#14 Endrin

R.T.: 6.782 min  
Delta R.T.: 0.026 min  
Response: 10434577  
Conc: 3.76 ng/ml



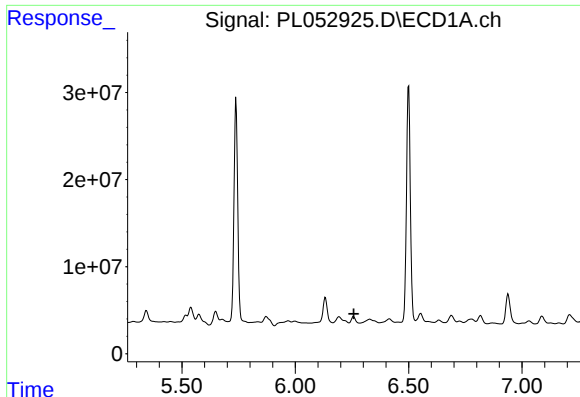
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.408 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

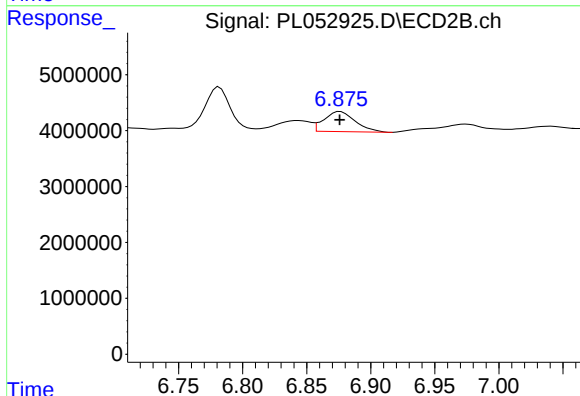
R.T.: 6.975 min  
Delta R.T.: 0.012 min  
Response: 3235603  
Conc: 1.09 ng/ml



#16 4,4'-DDD

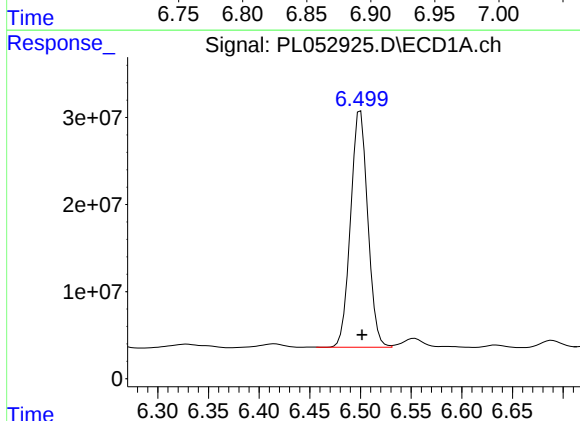
R.T.: 0.000 min  
Exp R.T.: 6.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



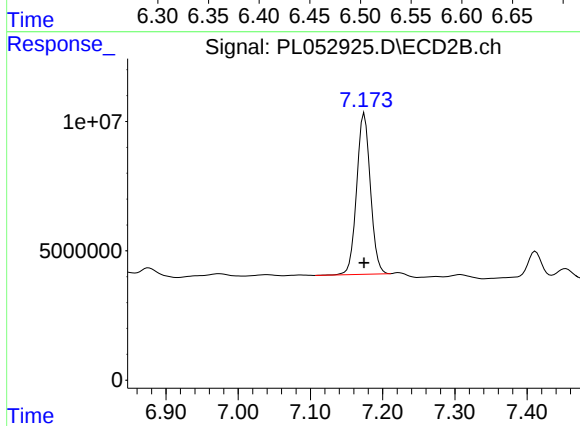
#16 4,4'-DDD

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 6079751  
Conc: 2.48 ng/ml



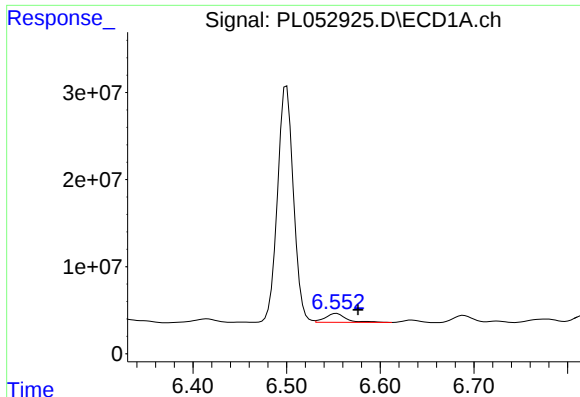
#17 4,4'-DDT

R.T.: 6.500 min  
Delta R.T.: -0.002 min  
Response: 320660071  
Conc: 31.40 ng/ml



#17 4,4'-DDT

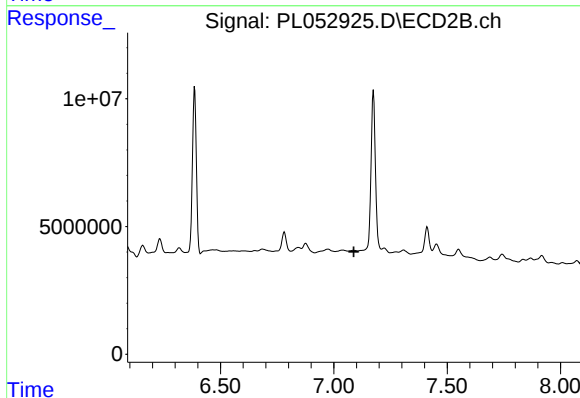
R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 82374291  
Conc: 31.65 ng/ml



#18 Endrin aldehyde

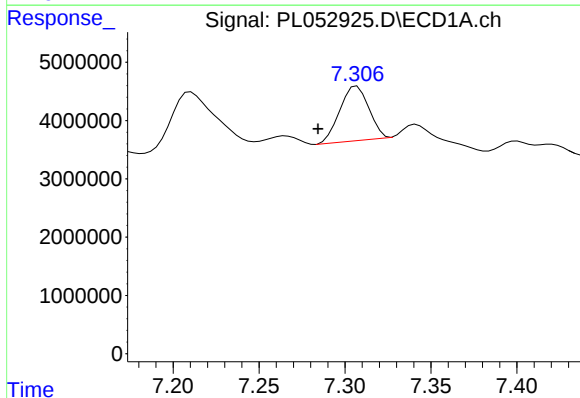
R.T.: 6.553 min  
Delta R.T.: -0.023 min  
Response: 15831963  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



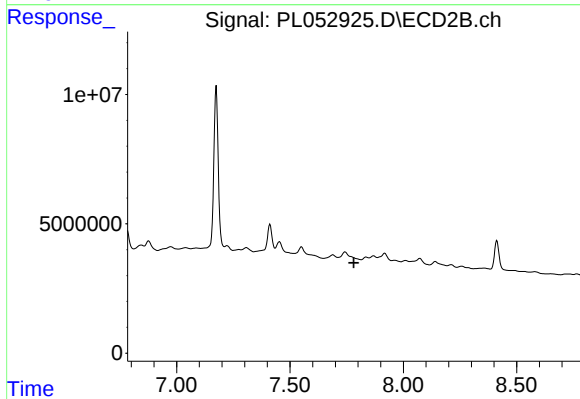
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.088 min  
Response: 0  
Conc: N.D.



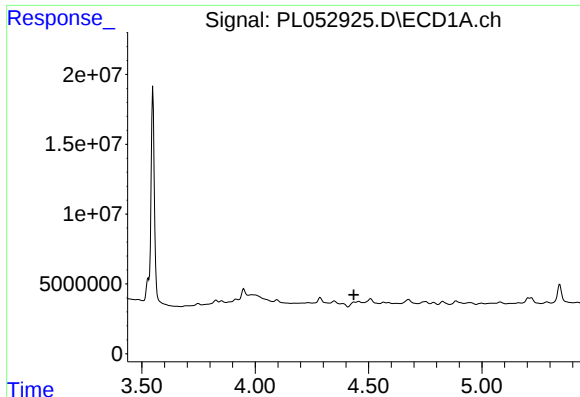
#21 Endrin ketone

R.T.: 7.307 min  
Delta R.T.: 0.023 min  
Response: 10932783  
Conc: 0.94 ng/ml



#21 Endrin ketone

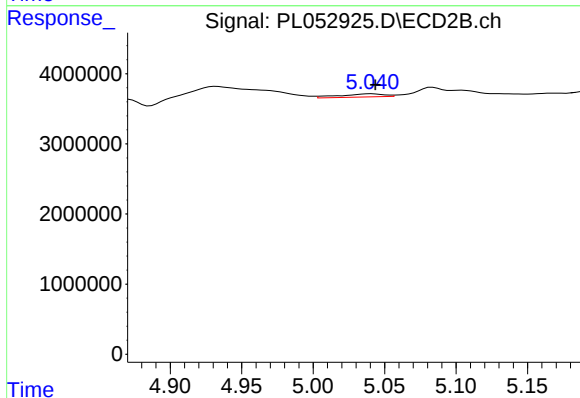
R.T.: 0.000 min  
Exp R.T. : 7.781 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

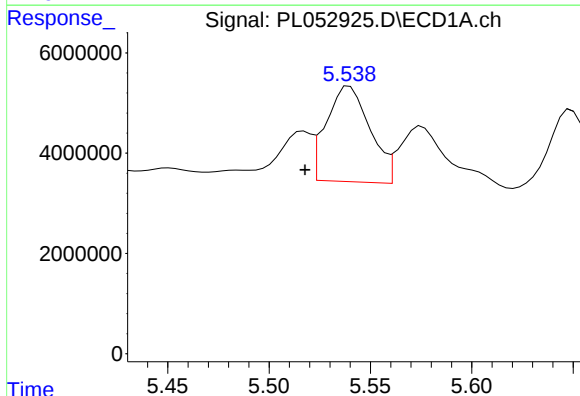
R.T.: 0.000 min  
Exp R.T.: 4.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



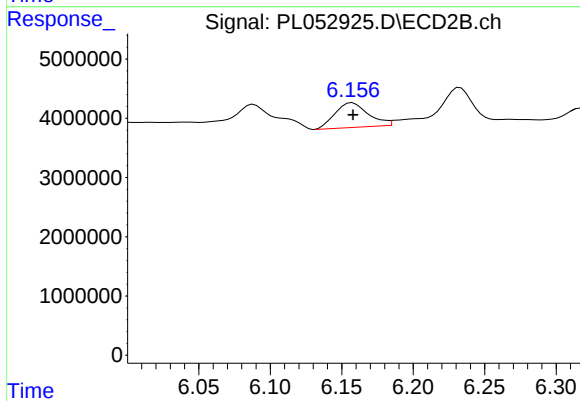
#23 Chlordane-1

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 942705  
Conc: 9.29 ng/ml



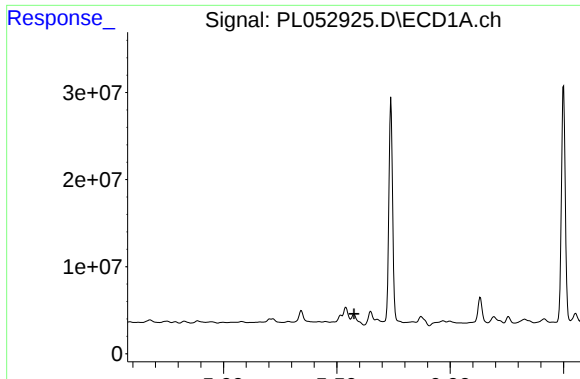
#25 Chlordane-3

R.T.: 5.540 min  
Delta R.T.: 0.022 min  
Response: 28582351  
Conc: 24.67 ng/ml



#25 Chlordane-3

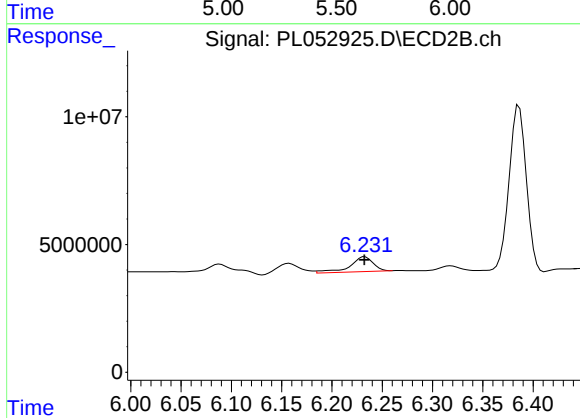
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 6743432  
Conc: 15.48 ng/ml



#26 Chlordane-4

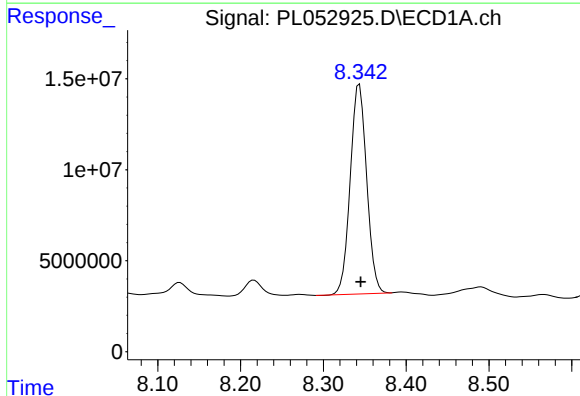
R.T.: 0.000 min  
Exp R.T.: 5.577 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-024-SW071-092619



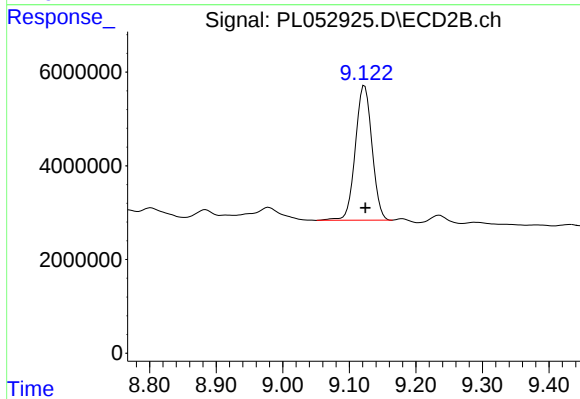
#26 Chlordane-4

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 9337167  
Conc: 17.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.343 min  
Delta R.T.: -0.002 min  
Response: 158819882  
Conc: 15.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.001 min  
Response: 50057969  
Conc: 17.06 ng/ml