

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101724\  
 Data File : PL092441.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2024 15:36  
 Operator : AR\AJ  
 Sample : P4410-01MS 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TR-04-101524MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 03:43:10 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... | 3.542  | 2.780 | 8950407  | 5121268  | 4.023   | 2.042 #   |
| 2)                          | SA Decachlor... | 9.054  | 7.919 | 4269267  | 4185505  | 2.606   | 1.673 #   |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.998  | 3.283 | 16597392 | 16634798 | 5.360   | 4.566     |
| 3)                          | MA gamma-BHC... | 4.330  | 3.613 | 16191664 | 16626101 | 5.225   | 4.709     |
| 4)                          | MA Heptachlor   | 4.919  | 3.952 | 17801903 | 16822580 | 6.437   | 4.875     |
| 5)                          | MB Aldrin       | 5.260  | 4.232 | 13633232 | 15941090 | 4.908   | 4.687     |
| 6)                          | B beta-BHC      | 4.528  | 3.912 | 7058539  | 8611098  | 5.322   | 5.729     |
| 7)                          | B delta-BHC     | 4.774  | 4.141 | 15235247 | 15595366 | 5.282   | 4.492     |
| 8)                          | B Heptachlo...  | 5.687  | 4.734 | 15084048 | 14262014 | 5.927   | 4.718     |
| 9)                          | A Endosulfan I  | 6.072  | 5.105 | 11043124 | 12185321 | 4.774   | 4.440     |
| 10)                         | B gamma-Chl...  | 5.942  | 4.985 | 15322866 | 15747043 | 6.201   | 5.234     |
| 11)                         | B alpha-Chl...  | 6.021  | 5.048 | 13011279 | 15393380 | 5.282   | 5.142     |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.237 | 10229514 | 14138152 | 4.726   | 5.088     |
| 13)                         | MA Dieldrin     | 6.347  | 5.369 | 12769414 | 16996472 | 5.236   | 5.797     |
| 14)                         | MA Endrin       | 6.576  | 5.644 | 10504309 | 12999408 | 5.097   | 4.957     |
| 15)                         | B Endosulfa...  | 6.796  | 5.939 | 13612201 | 11764914 | 6.188   | 4.701     |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.792 | 10785368 | 9887830  | 6.006   | 4.629     |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.042 | 8765978  | 8262077  | 4.761   | 3.572     |
| 18)                         | B Endrin al...  | 6.926  | 6.118 | 5264256  | 4666234  | 3.021   | 2.287     |
| 19)                         | B Endosulfa...  | 7.160  | 6.341 | 10020122 | 10108117 | 5.055   | 4.190     |
| 20)                         | A Methoxychlor  | 7.502  | 6.617 | 4291658  | 4586229  | 4.372   | 3.668     |
| 21)                         | B Endrin ke...  | 7.646  | 6.846 | 11040564 | 9648716  | 5.024   | 3.485 #   |
| 22)                         | Mirex           | 8.119  | 7.027 | 8587526  | 10922116 | 4.768   | 4.490     |
| 24)                         | Chlordane-2     | 5.260f | 0.000 | 13633232 | 0        | 127.120 | N.D. #    |
| 25)                         | Chlordane-3     | 5.942  | 4.985 | 15322866 | 15747043 | 40.907  | 47.541    |
| 26)                         | Chlordane-4     | 6.021  | 5.048 | 13011279 | 15393380 | 28.732  | 48.516 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.939 | 0        | 11764914 | N.D.    | 108.483 # |
| -----                       |                 |        |       |          |          |         |           |

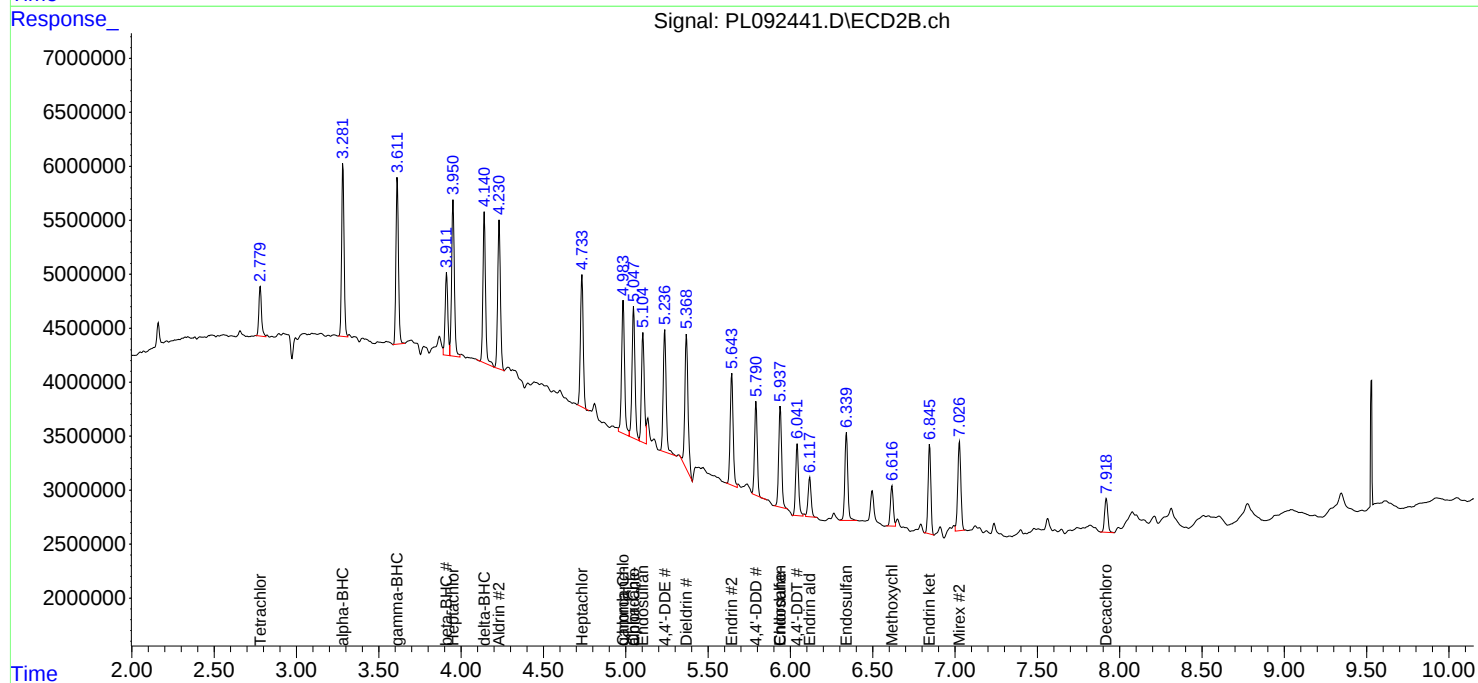
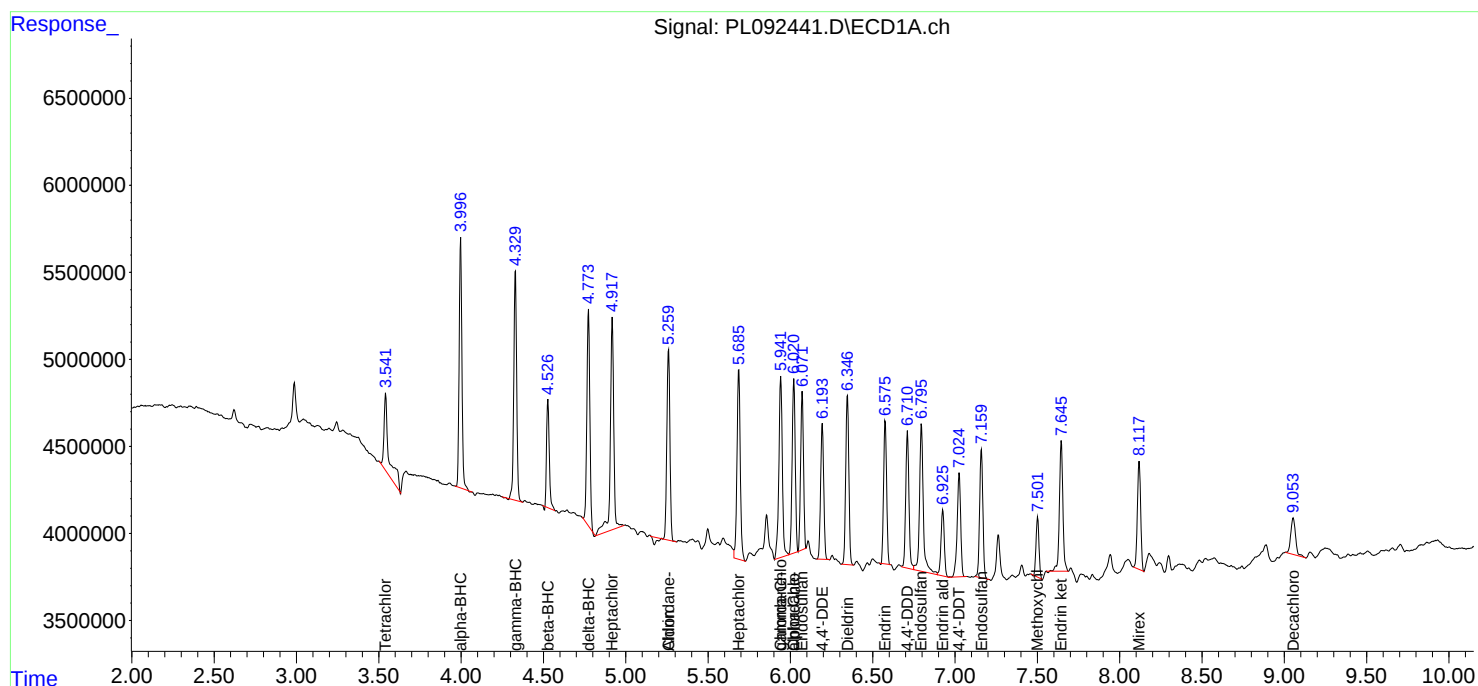
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

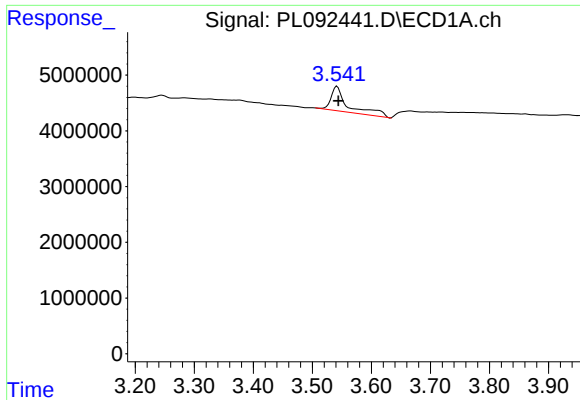
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101724\  
Data File : PL092441.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2024 15:36  
Operator : AR\AJ  
Sample : P4410-01MS 10X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 03:43:10 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

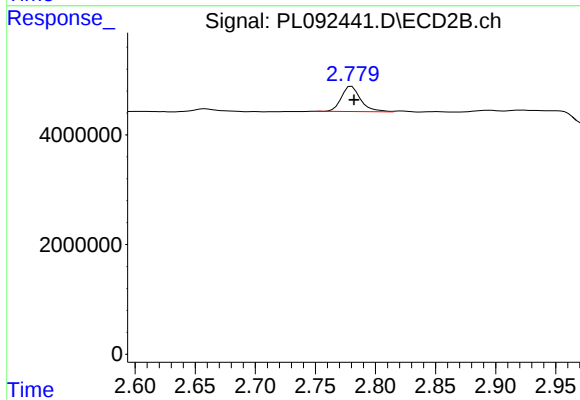




#1 Tetrachloro-m-xylene

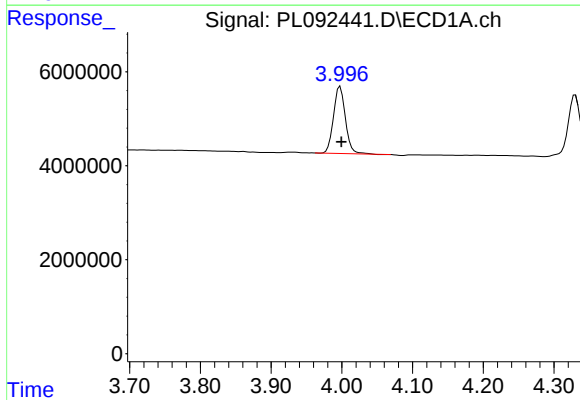
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 8950407  
Conc: 4.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



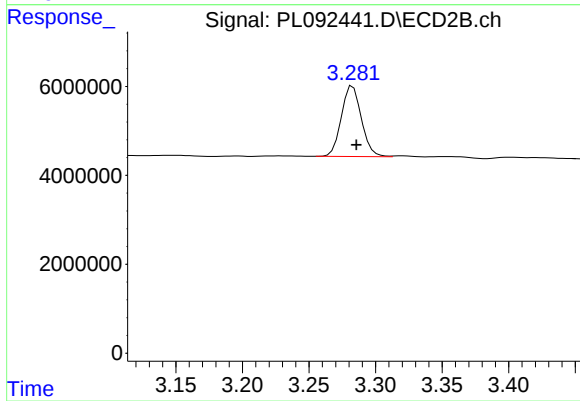
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.002 min  
Response: 5121268  
Conc: 2.04 ng/ml



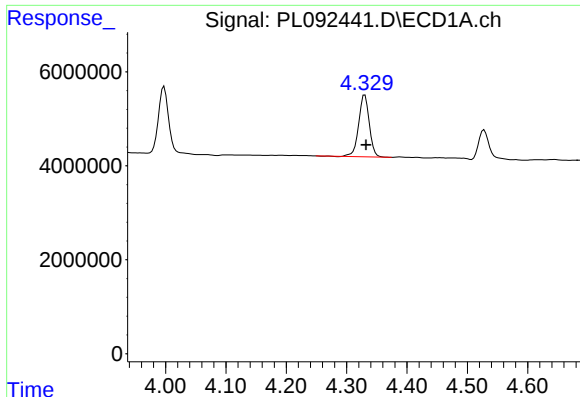
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 16597392  
Conc: 5.36 ng/ml



#2 alpha-BHC

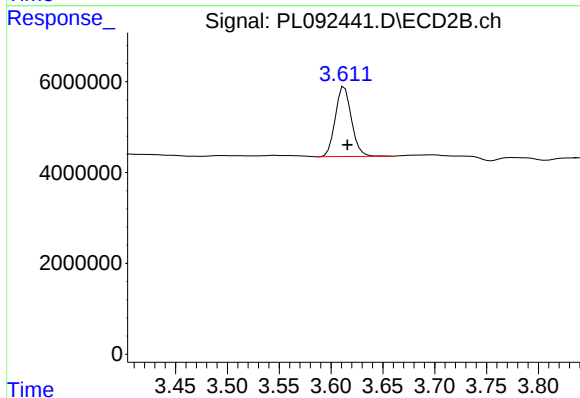
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 16634798  
Conc: 4.57 ng/ml



#3 gamma-BHC (Lindane)

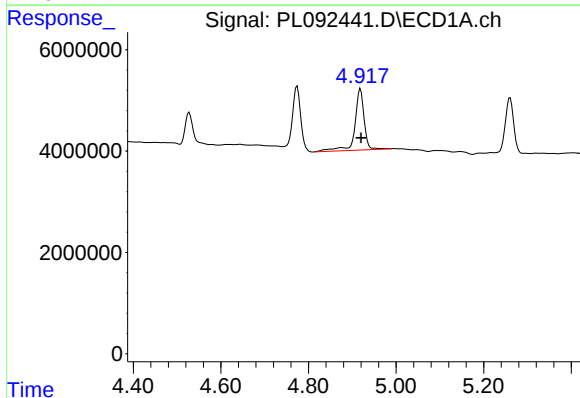
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 16191664  
Conc: 5.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



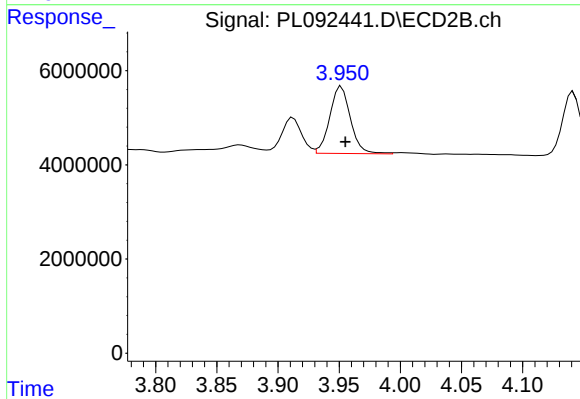
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 16626101  
Conc: 4.71 ng/ml



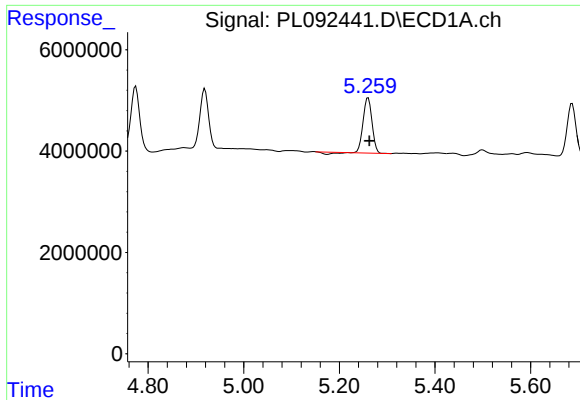
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.002 min  
Response: 17801903  
Conc: 6.44 ng/ml



#4 Heptachlor

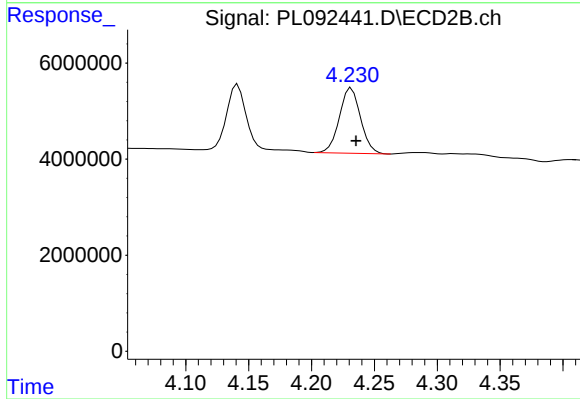
R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 16822580  
Conc: 4.88 ng/ml



#5 Aldrin

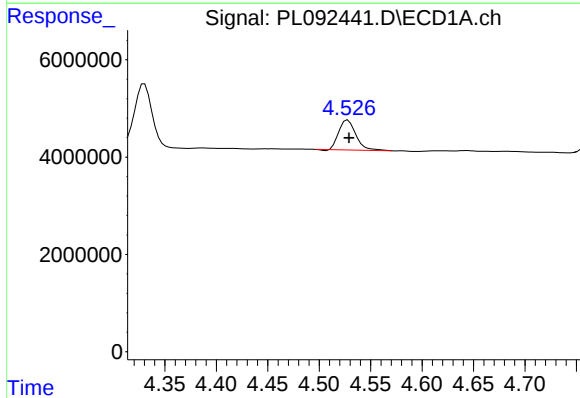
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 13633232  
Conc: 4.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



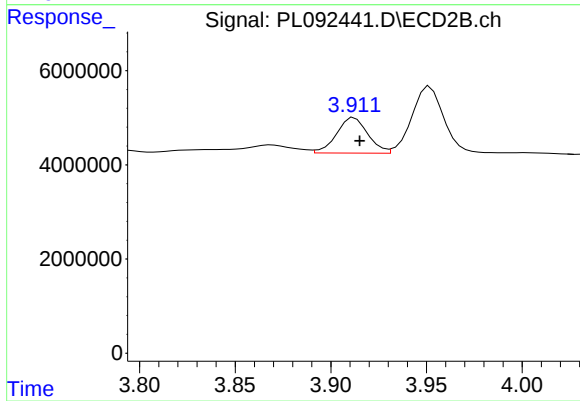
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.004 min  
Response: 15941090  
Conc: 4.69 ng/ml



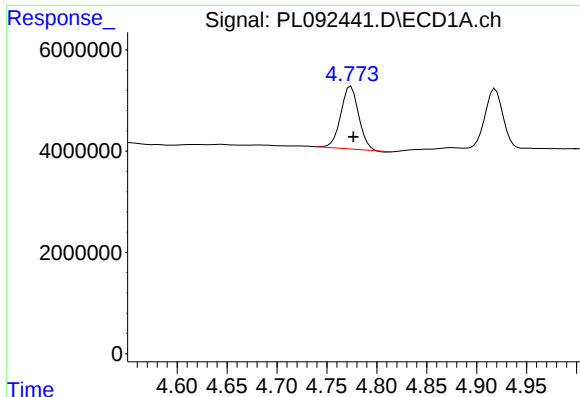
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.001 min  
Response: 7058539  
Conc: 5.32 ng/ml



#6 beta-BHC

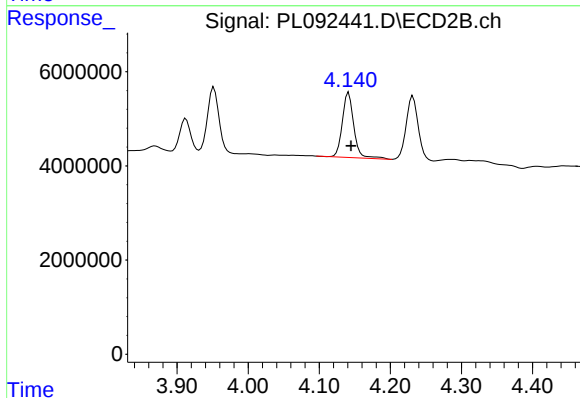
R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 8611098  
Conc: 5.73 ng/ml



#7 delta-BHC

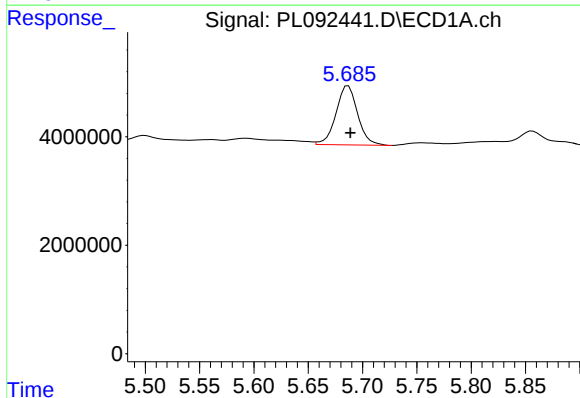
R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 15235247  
Conc: 5.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



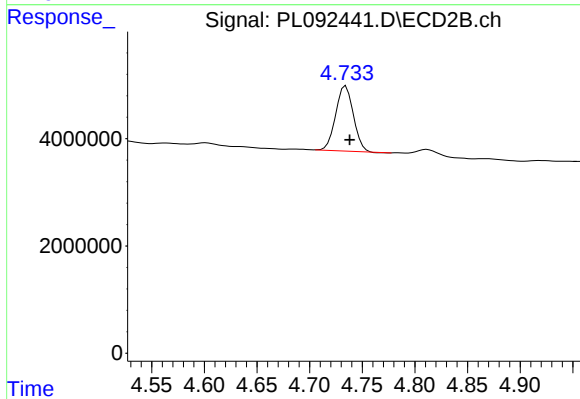
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 15595366  
Conc: 4.49 ng/ml



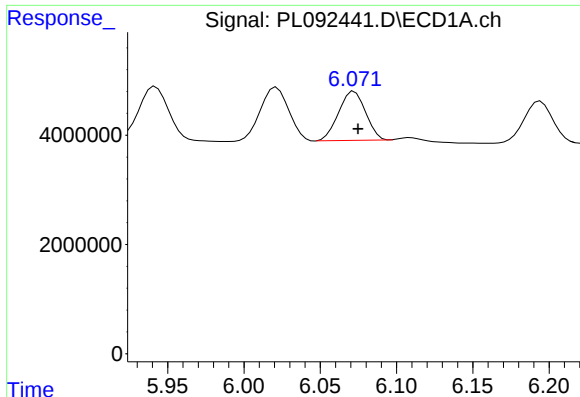
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 15084048  
Conc: 5.93 ng/ml



#8 Heptachlor epoxide

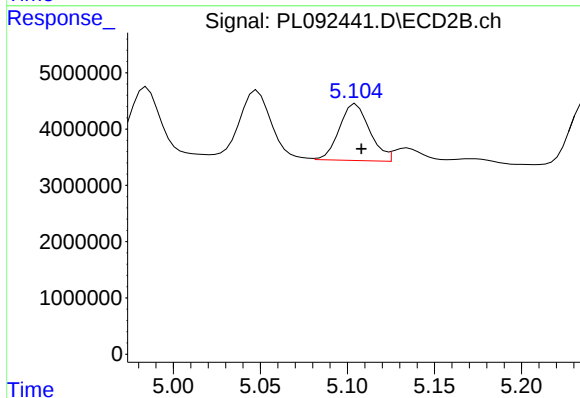
R.T.: 4.734 min  
Delta R.T.: -0.004 min  
Response: 14262014  
Conc: 4.72 ng/ml



#9 Endosulfan I

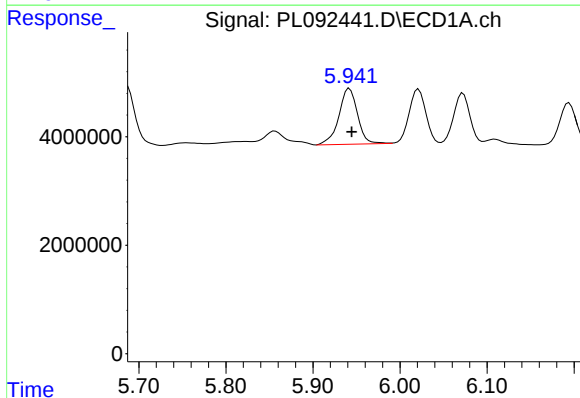
R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 11043124  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



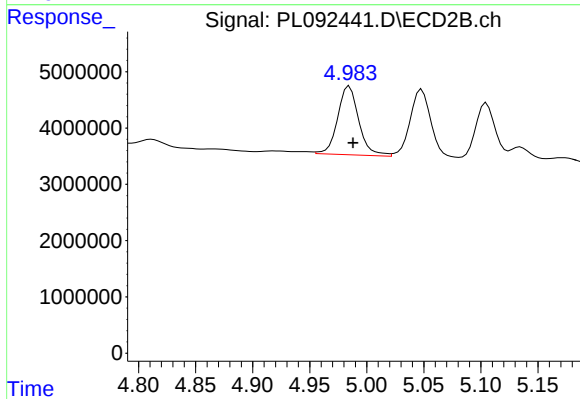
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 12185321  
Conc: 4.44 ng/ml



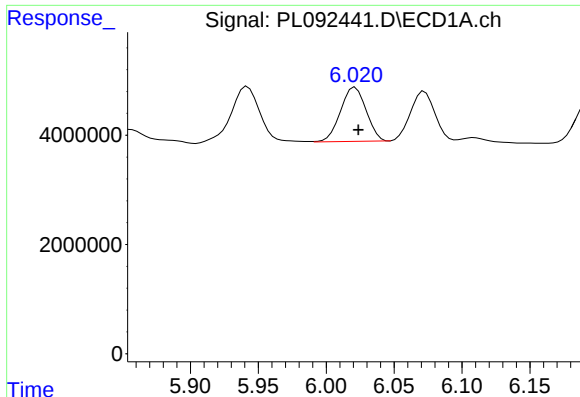
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 15322866  
Conc: 6.20 ng/ml



#10 gamma-Chlordane

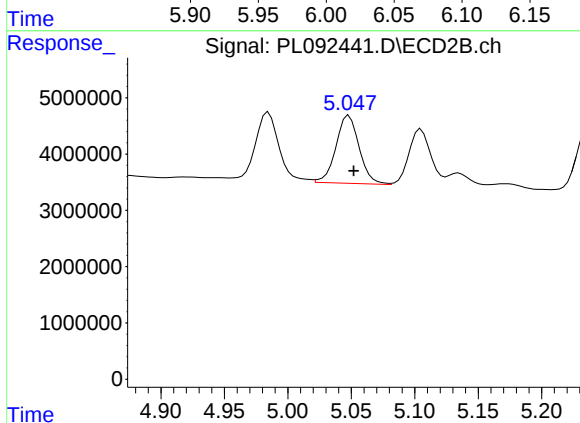
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 15747043  
Conc: 5.23 ng/ml



#11 alpha-Chlordane

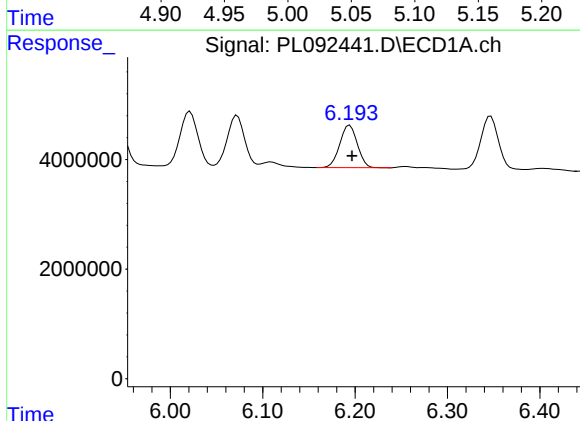
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 13011279  
Conc: 5.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



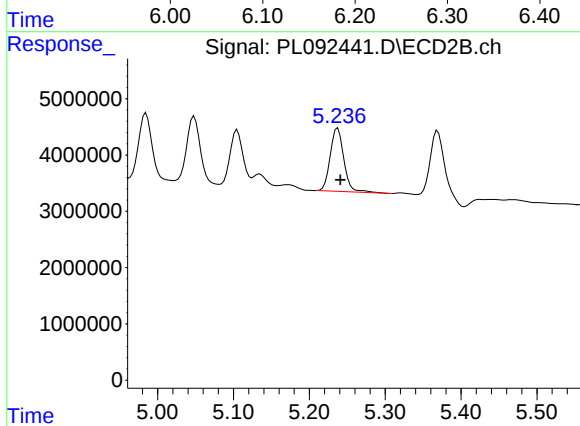
#11 alpha-Chlordane

R.T.: 5.048 min  
Delta R.T.: -0.004 min  
Response: 15393380  
Conc: 5.14 ng/ml



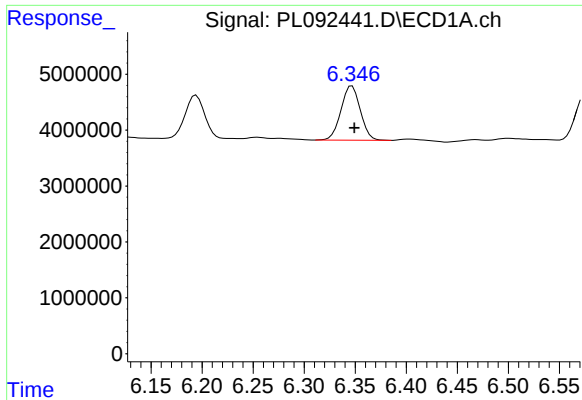
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 10229514  
Conc: 4.73 ng/ml



#12 4,4'-DDE

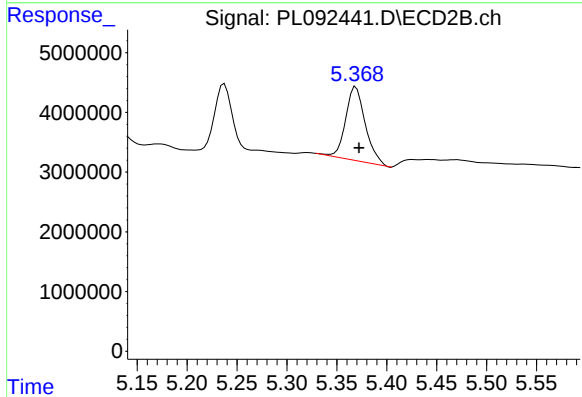
R.T.: 5.237 min  
Delta R.T.: -0.004 min  
Response: 14138152  
Conc: 5.09 ng/ml



#13 Dieldrin

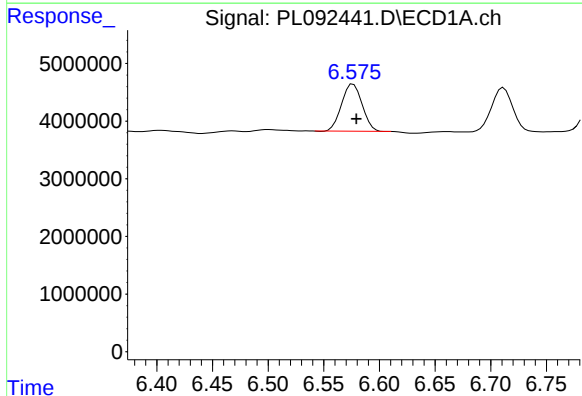
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 12769414  
Conc: 5.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



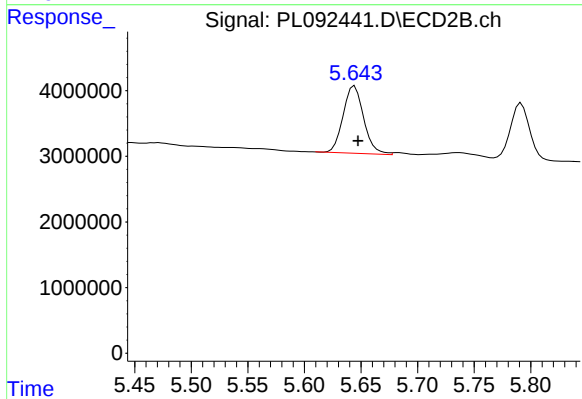
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 16996472  
Conc: 5.80 ng/ml



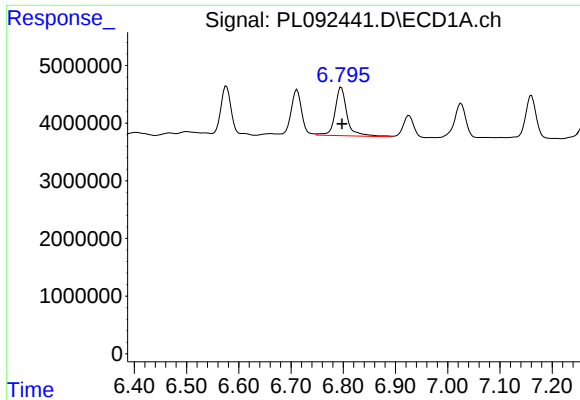
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 10504309  
Conc: 5.10 ng/ml



#14 Endrin

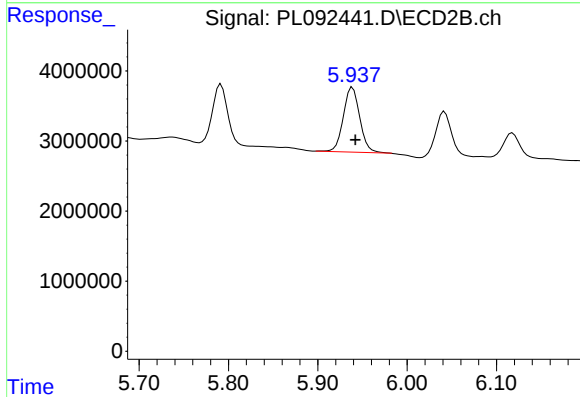
R.T.: 5.644 min  
Delta R.T.: -0.003 min  
Response: 12999408  
Conc: 4.96 ng/ml



#15 Endosulfan II

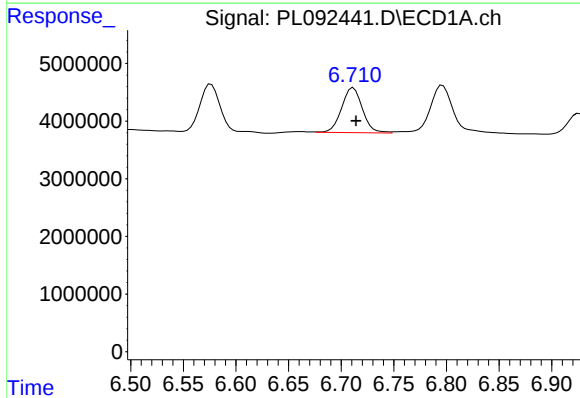
R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 13612201  
Conc: 6.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



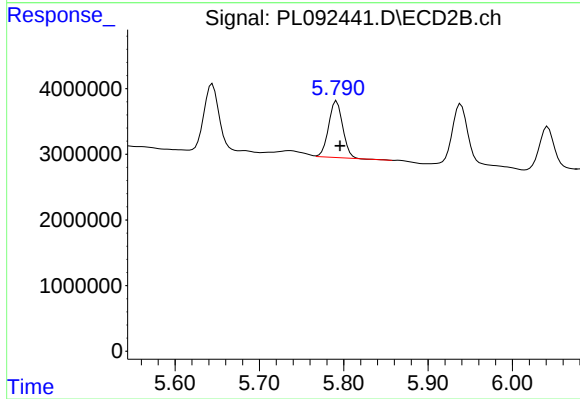
#15 Endosulfan II

R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 11764914  
Conc: 4.70 ng/ml



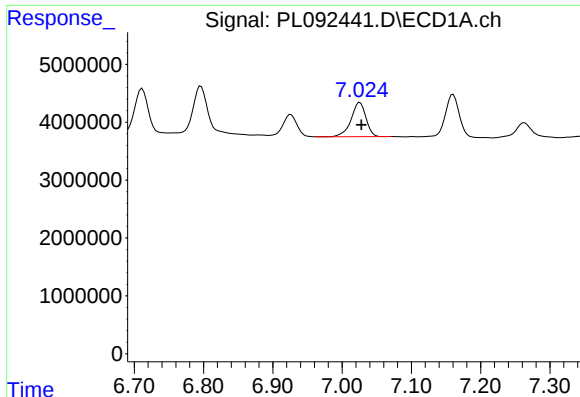
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.003 min  
Response: 10785368  
Conc: 6.01 ng/ml



#16 4,4'-DDD

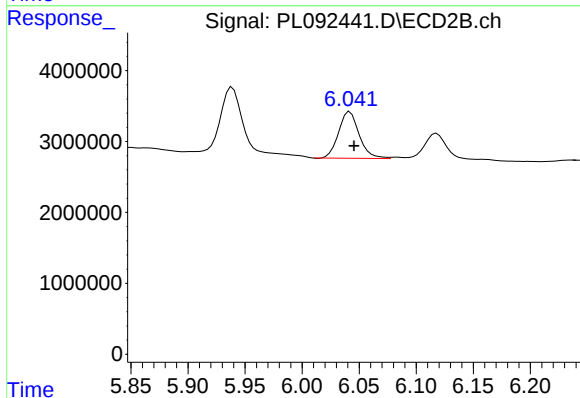
R.T.: 5.792 min  
Delta R.T.: -0.004 min  
Response: 9887830  
Conc: 4.63 ng/ml



#17 4,4'-DDT

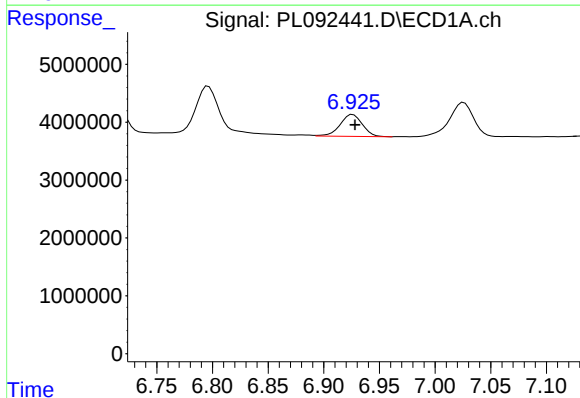
R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 8765978  
Conc: 4.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



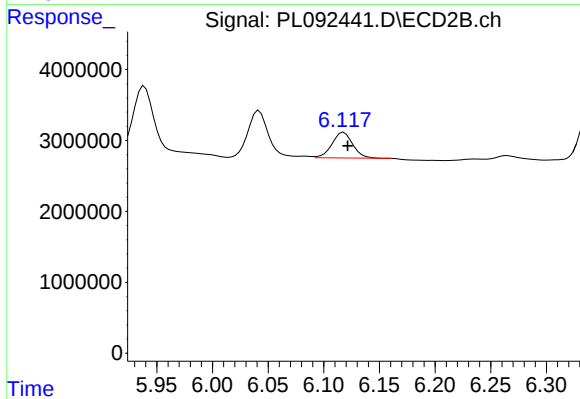
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: -0.004 min  
Response: 8262077  
Conc: 3.57 ng/ml



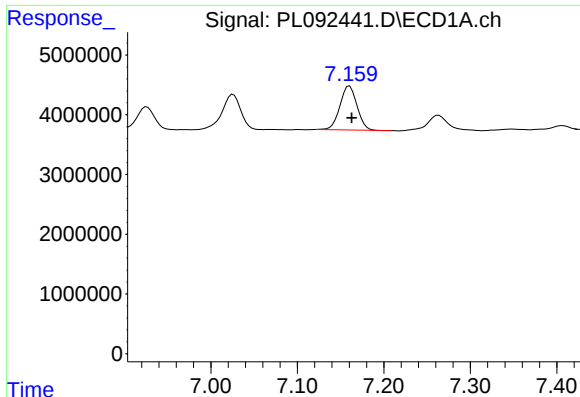
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 5264256  
Conc: 3.02 ng/ml



#18 Endrin aldehyde

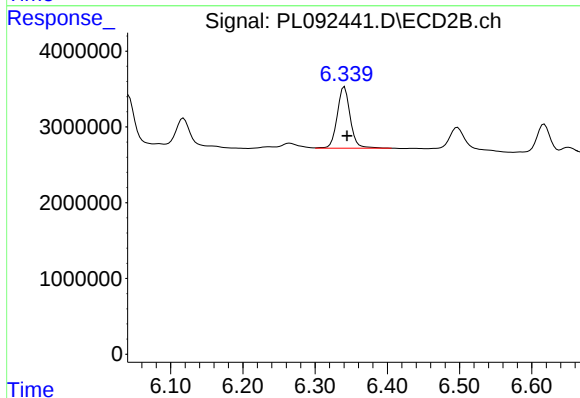
R.T.: 6.118 min  
Delta R.T.: -0.004 min  
Response: 4666234  
Conc: 2.29 ng/ml



#19 Endosulfan Sulfate

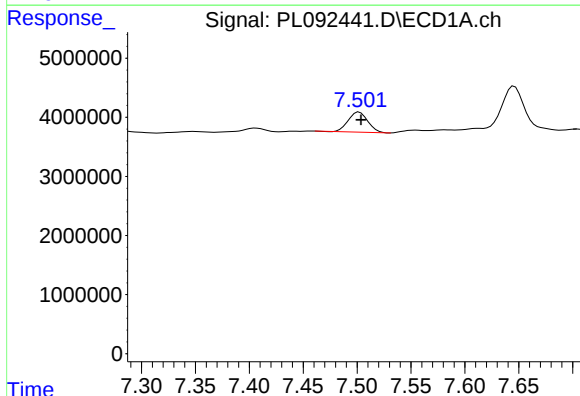
R.T.: 7.160 min  
Delta R.T.: -0.002 min  
Response: 10020122  
Conc: 5.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



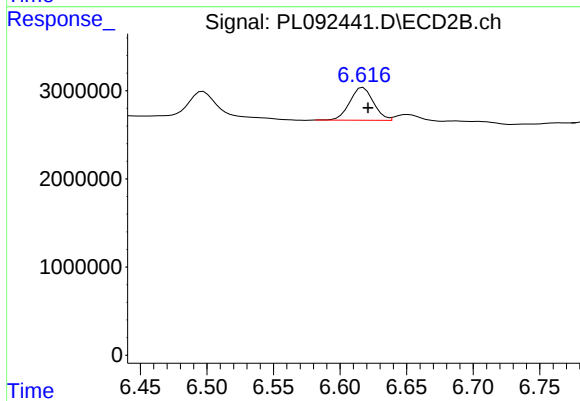
#19 Endosulfan Sulfate

R.T.: 6.341 min  
Delta R.T.: -0.003 min  
Response: 10108117  
Conc: 4.19 ng/ml



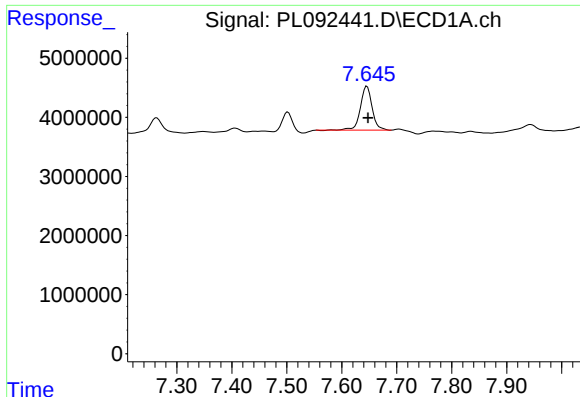
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 4291658  
Conc: 4.37 ng/ml



#20 Methoxychlor

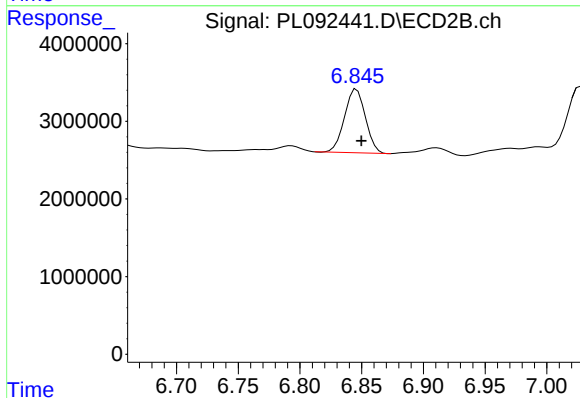
R.T.: 6.617 min  
Delta R.T.: -0.004 min  
Response: 4586229  
Conc: 3.67 ng/ml



#21 Endrin ketone

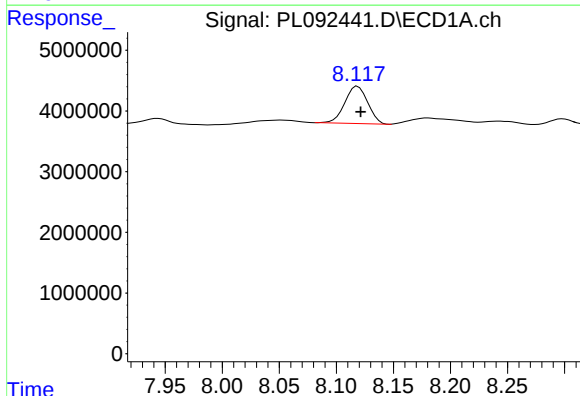
R.T.: 7.646 min  
Delta R.T.: -0.002 min  
Response: 11040564  
Conc: 5.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



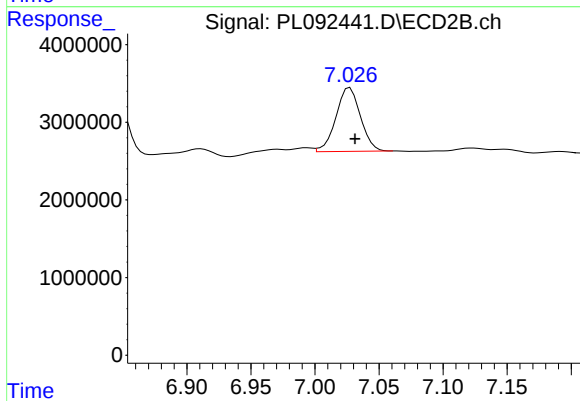
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: -0.004 min  
Response: 9648716  
Conc: 3.48 ng/ml



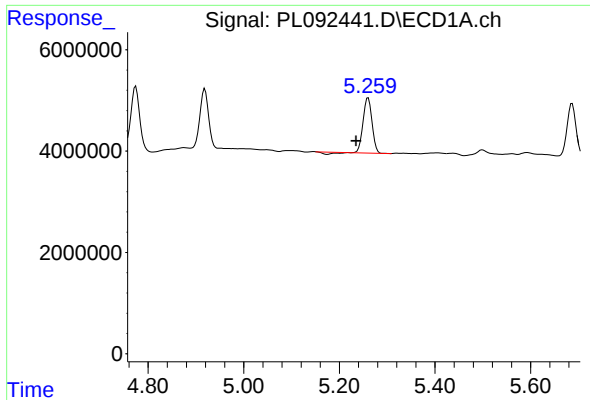
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.003 min  
Response: 8587526  
Conc: 4.77 ng/ml



#22 Mirex

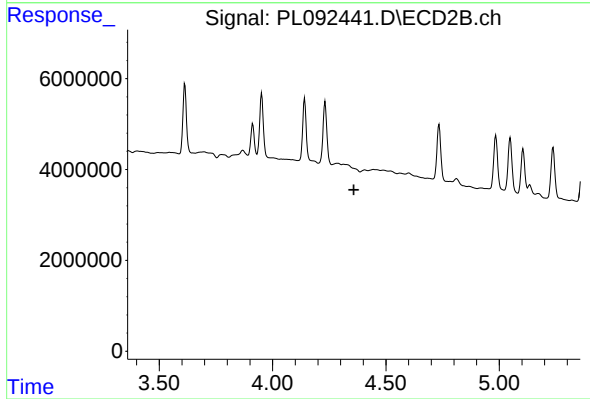
R.T.: 7.027 min  
Delta R.T.: -0.004 min  
Response: 10922116  
Conc: 4.49 ng/ml



#24 Chlordane-2

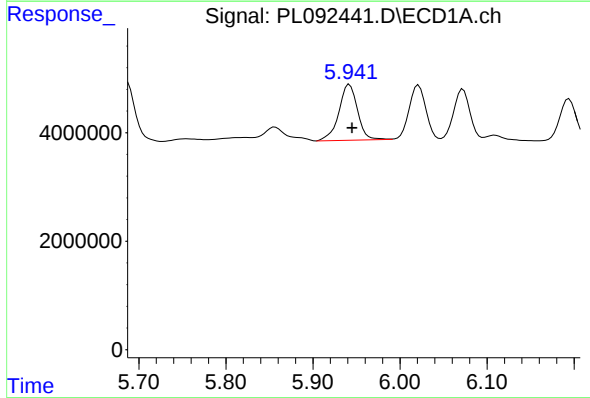
R.T.: 5.260 min  
Delta R.T.: 0.025 min  
Response: 13633232  
Conc: 127.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



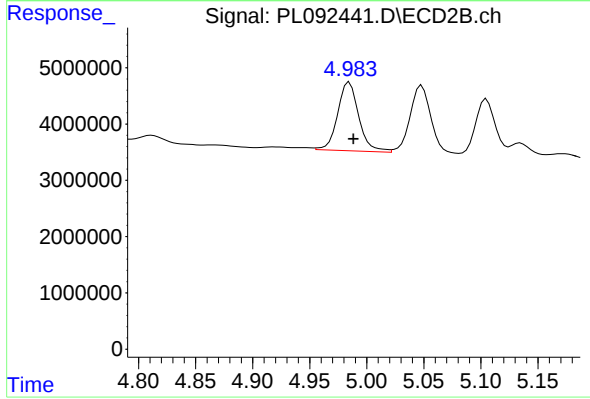
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.358 min  
Response: 0  
Conc: N.D.



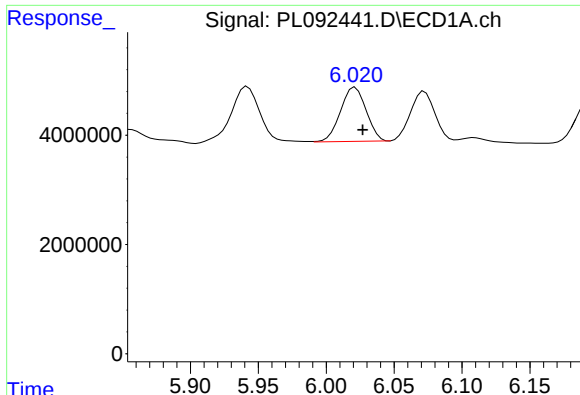
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 15322866  
Conc: 40.91 ng/ml



#25 Chlordane-3

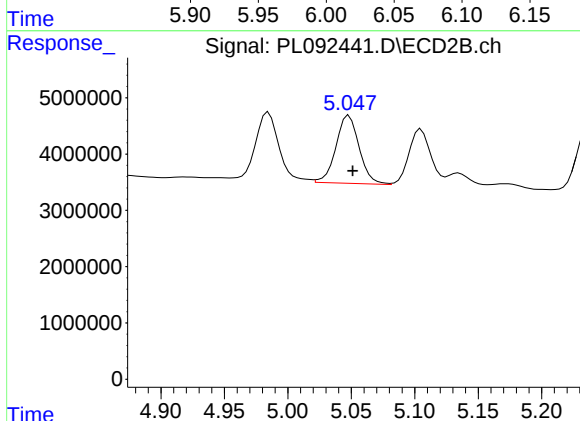
R.T.: 4.985 min  
Delta R.T.: -0.004 min  
Response: 15747043  
Conc: 47.54 ng/ml



#26 Chlordane-4

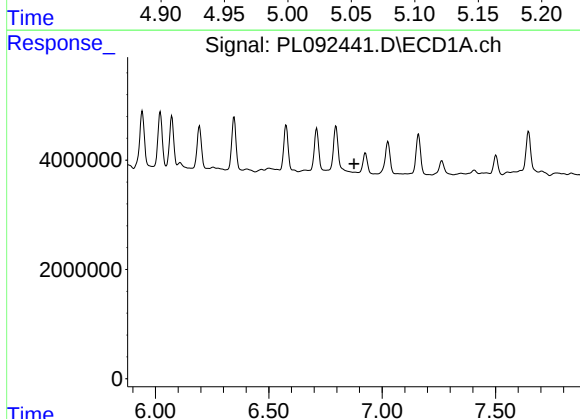
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 13011279  
Conc: 28.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



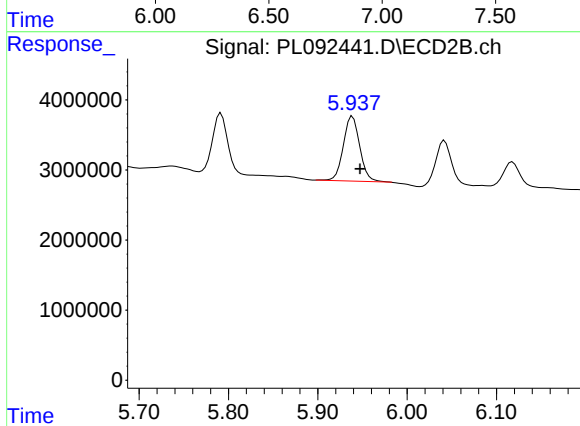
#26 Chlordane-4

R.T.: 5.048 min  
Delta R.T.: -0.003 min  
Response: 15393380  
Conc: 48.52 ng/ml



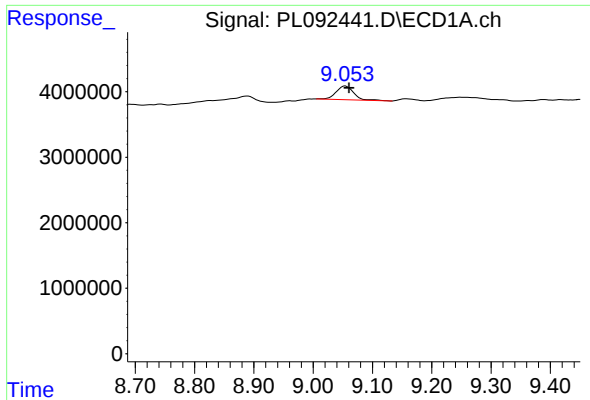
#27 Chlordane-5

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



#27 Chlordane-5

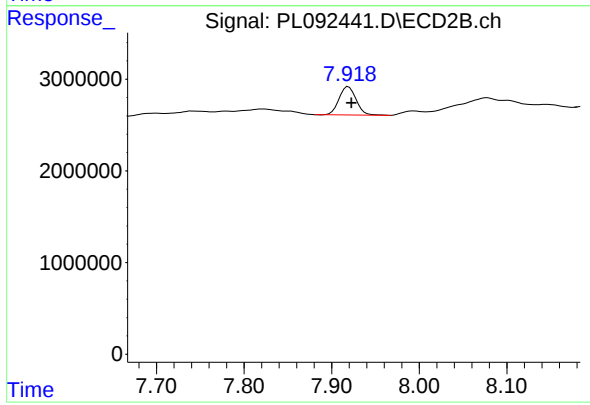
R.T.: 5.939 min  
Delta R.T.: -0.008 min  
Response: 11764914  
Conc: 108.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.006 min  
Response: 4269267  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-04-101524MS



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: -0.003 min  
Response: 4185505  
Conc: 1.67 ng/ml