

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032321\  
 Data File : PL065512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2021 18:33  
 Operator : AR\AJ  
 Sample : M1768-01  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EO-02-032221

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 04:16:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 2021  
 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... | 3.286  | 3.785  | 31114732 | 33017686 | 13.102  | 12.029   |
| 28)                         | SA Decachlor... | 7.926  | 8.733  | 29199354 | 27646514 | 12.086  | 13.948   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.168  | 0        | 713341   | N.D.    | 0.176 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.462  | 0        | 292108   | N.D.    | 0.080 #  |
| 4)                          | MA Heptachlor   | 4.268  | 4.936  | 2747635  | 3333775  | 0.840   | 1.000    |
| 5)                          | MB Aldrin       | 0.000  | 5.212f | 0        | 14668045 | N.D.    | 4.479 #  |
| 6)                          | B beta-BHC      | 4.245  | 4.636  | 370353   | 3727799  | 0.262   | 2.164 #  |
| 7)                          | B delta-BHC     | 4.422  | 4.860f | 744362   | 865159   | 0.224   | 0.290 #  |
| 8)                          | B Heptachlo...  | 4.943  | 5.632  | 1544576  | 21062656 | 0.522   | 7.286 #  |
| 9)                          | A Endosulfan I  | 5.276  | 5.998f | 1152277  | 22733099 | 0.423   | 8.635 #  |
| 10)                         | B gamma-Chl...  | 5.160  | 5.848  | 20906960 | 35042797 | 7.081   | 12.557 # |
| 11)                         | B alpha-Chl...  | 5.215  | 5.919  | 38787562 | 64237561 | 13.329  | 23.145 # |
| 12)                         | B 4,4'-DDE      | 5.381  | 6.081  | 12923092 | 12121119 | 4.911   | 4.866    |
| 14)                         | MA Endrin       | 5.760  | 6.471f | 253780   | -57790   | 0.102   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.027  | 0.000  | 16864557 | 0        | 6.884   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 5.886  | 6.572  | 3127778  | 5271749  | 1.415   | 2.397 #  |
| 17)                         | MA 4,4'-DDT     | 6.120  | 6.865  | 5275536  | 3811349  | 2.787   | 1.942 #  |
| 18)                         | B Endrin al...  | 6.216f | 0.000  | 1199913  | 0        | 0.625   | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.986f | 0        | 621647   | N.D.    | 0.283 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.502f | 0        | 502827   | N.D.    | 0.213 #  |
| 23)                         | Chlordane-1     | 4.121  | 4.749  | 13646001 | 11267873 | 158.399 | 99.901 # |
| 24)                         | Chlordane-2     | 4.609  | 5.212  | 15072611 | 14668045 | 138.968 | 134.677  |
| 25)                         | Chlordane-3     | 5.160  | 5.848  | 20906960 | 35042797 | 70.070  | 85.968   |
| 26)                         | Chlordane-4     | 5.215  | 5.919  | 38787562 | 64237561 | 142.374 | 133.530  |
| 27)                         | Chlordane-5     | 6.027  | 6.716  | 16864557 | 16558944 | 168.684 | 206.939  |
| -----                       |                 |        |        |          |          |         |          |

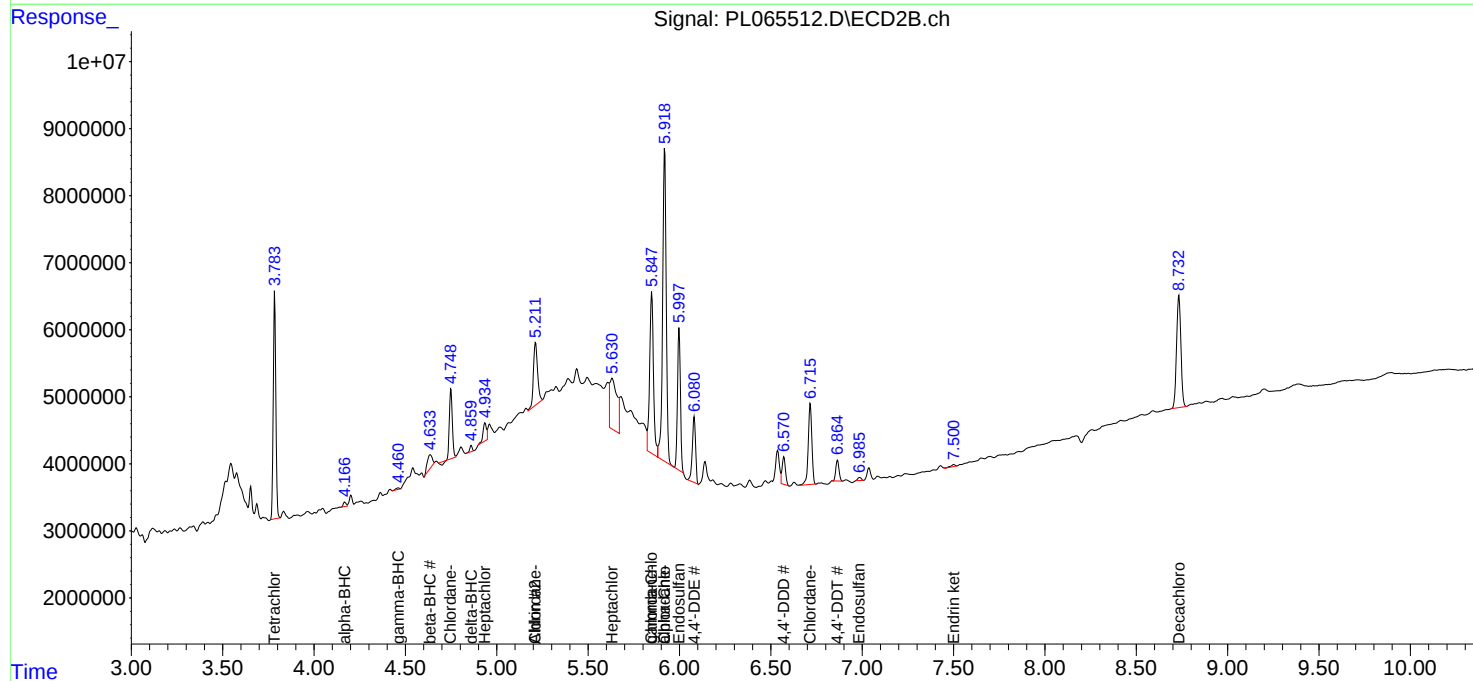
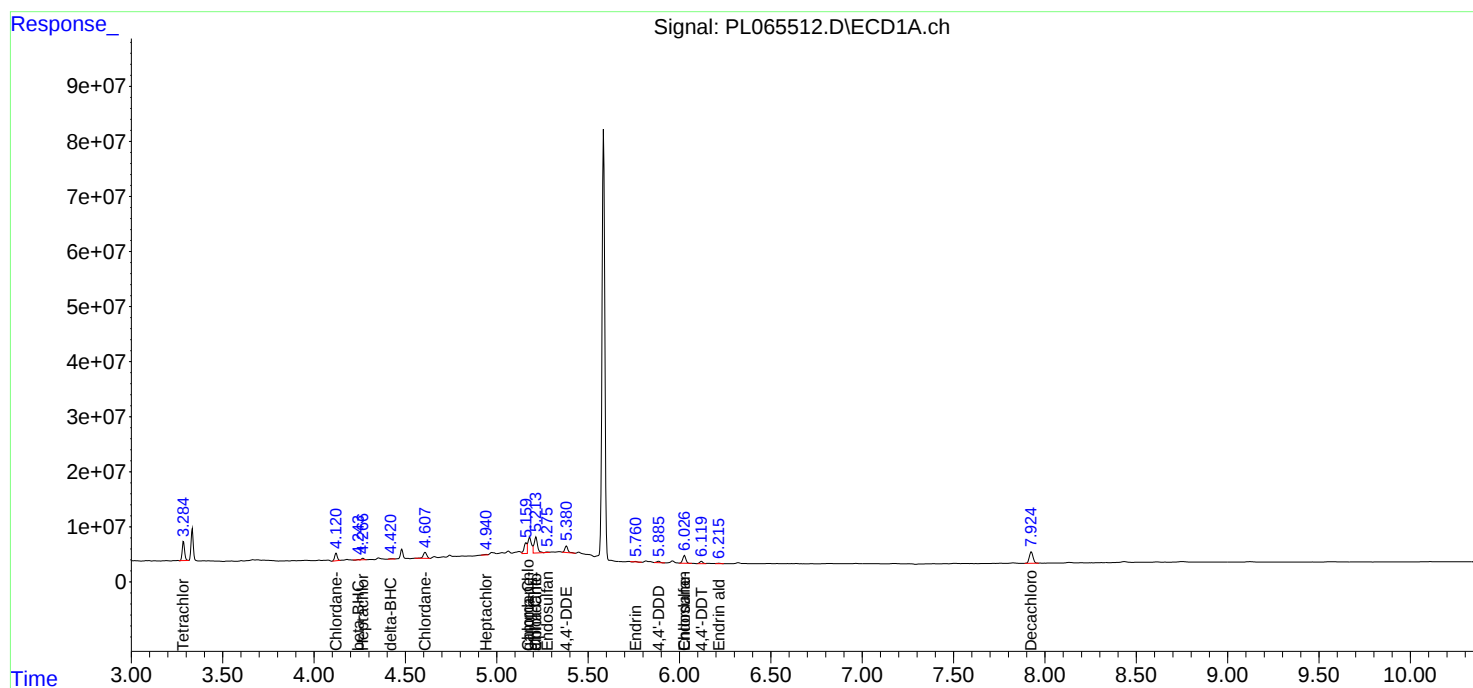
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

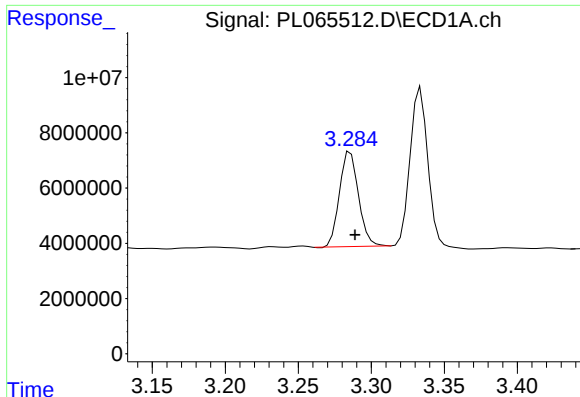
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032321\  
Data File : PL065512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2021 18:33  
Operator : AR\AJ  
Sample : M1768-01  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 04:16:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 2021  
Response via : Initial Calibration  
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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

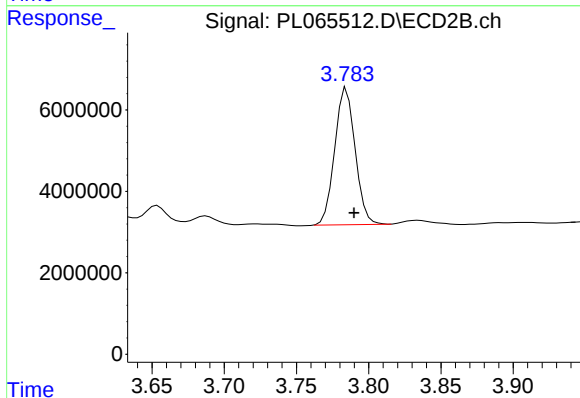




#1 Tetrachloro-m-xylene

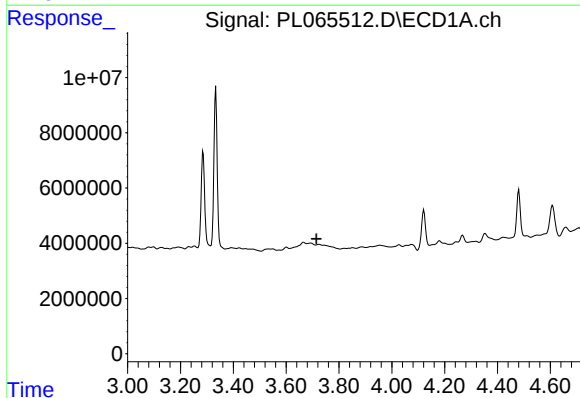
R.T.: 3.286 min  
Delta R.T.: -0.003 min  
Response: 31114732  
Conc: 13.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



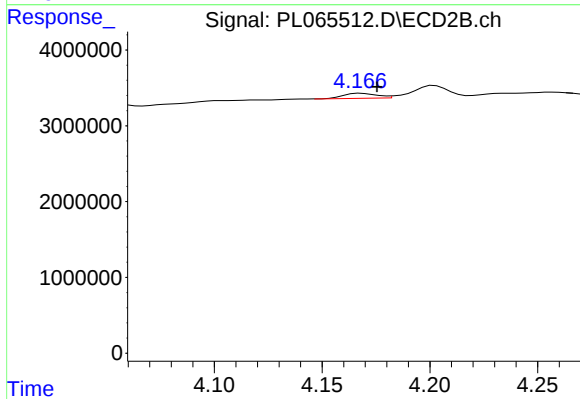
#1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 33017686  
Conc: 12.03 ng/ml



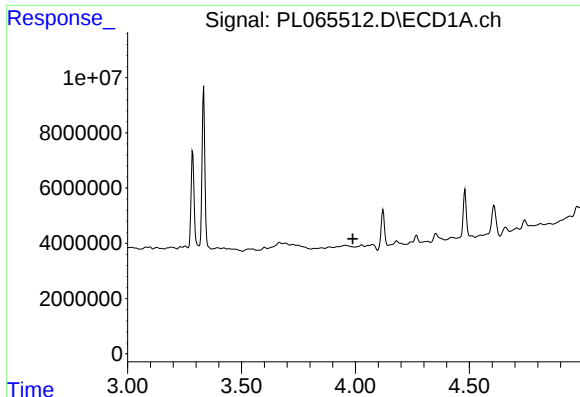
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.714 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

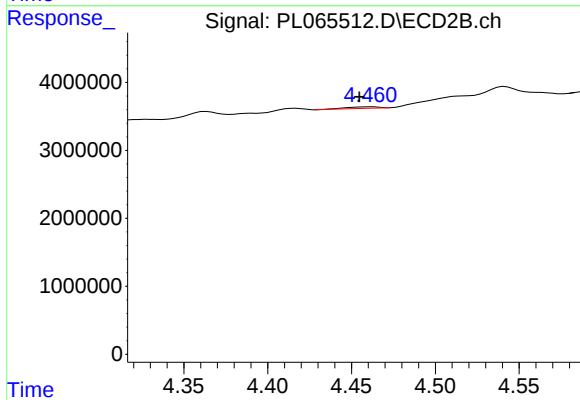
R.T.: 4.168 min  
Delta R.T.: -0.007 min  
Response: 713341  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

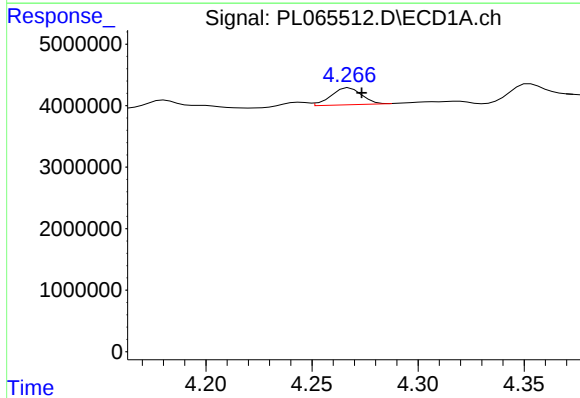
R.T.: 0.000 min  
Exp R.T.: 3.987 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



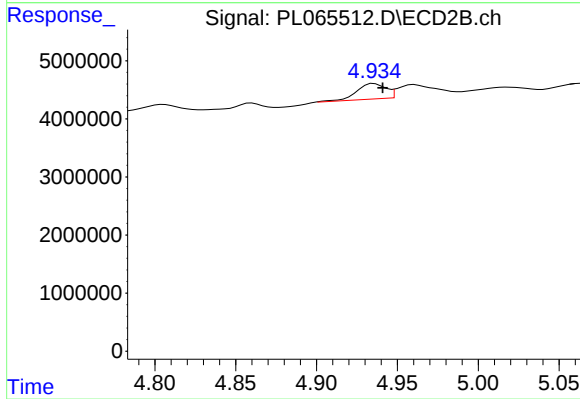
#3 gamma-BHC (Lindane)

R.T.: 4.462 min  
Delta R.T.: 0.007 min  
Response: 292108  
Conc: 0.08 ng/ml



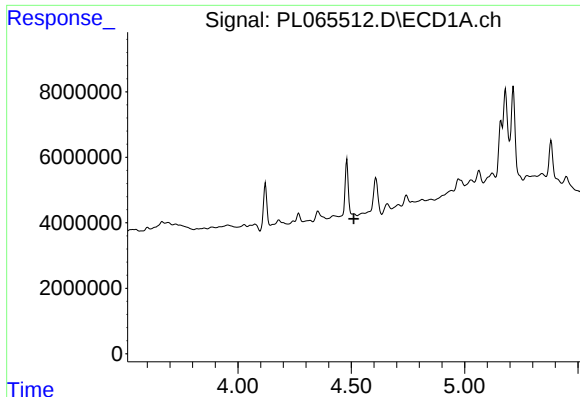
#4 Heptachlor

R.T.: 4.268 min  
Delta R.T.: -0.006 min  
Response: 2747635  
Conc: 0.84 ng/ml



#4 Heptachlor

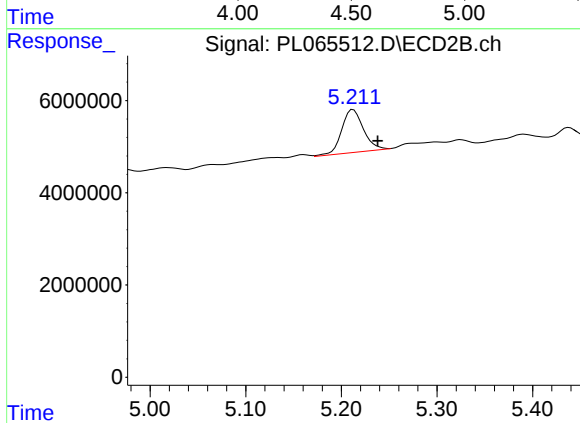
R.T.: 4.936 min  
Delta R.T.: -0.005 min  
Response: 3333775  
Conc: 1.00 ng/ml



#5 Aldrin

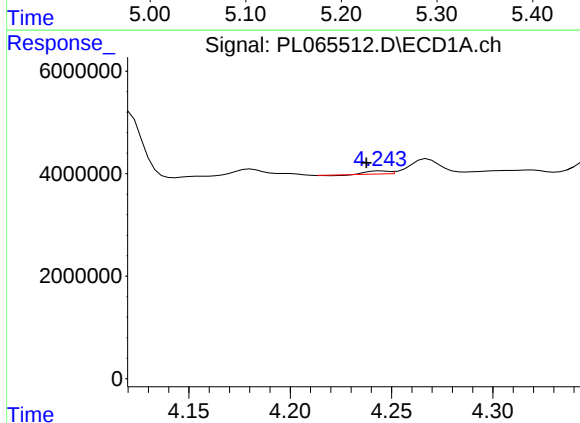
R.T.: 0.000 min  
Exp R.T.: 4.511 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



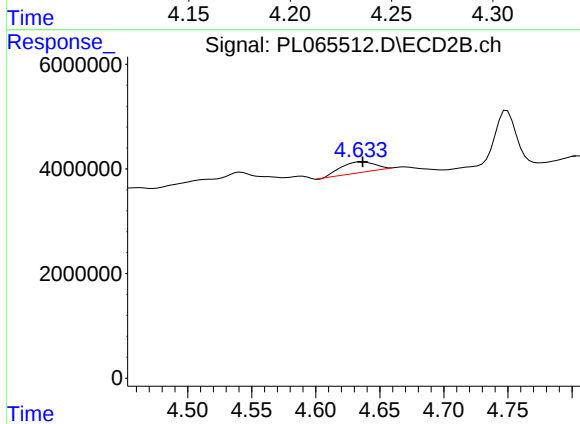
#5 Aldrin

R.T.: 5.212 min  
Delta R.T.: -0.026 min  
Response: 14668045  
Conc: 4.48 ng/ml



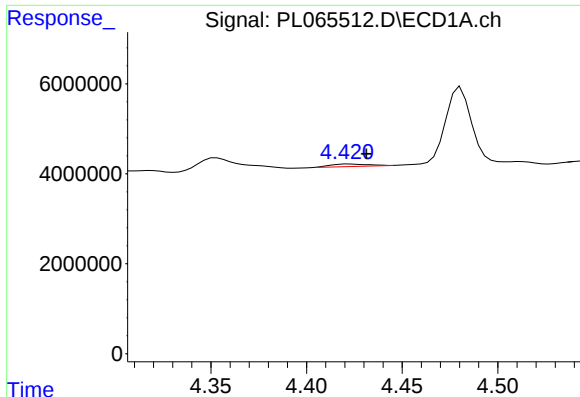
#6 beta-BHC

R.T.: 4.245 min  
Delta R.T.: 0.007 min  
Response: 370353  
Conc: 0.26 ng/ml



#6 beta-BHC

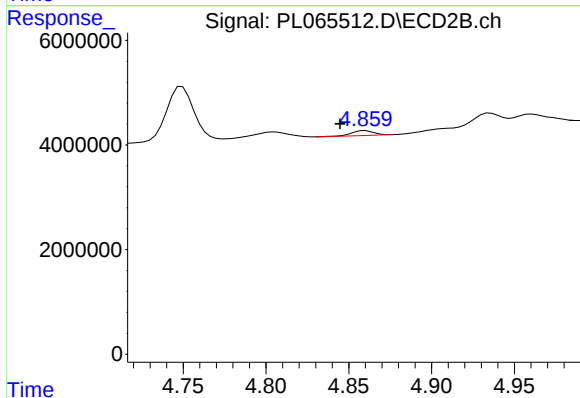
R.T.: 4.636 min  
Delta R.T.: 0.000 min  
Response: 3727799  
Conc: 2.16 ng/ml



#7 delta-BHC

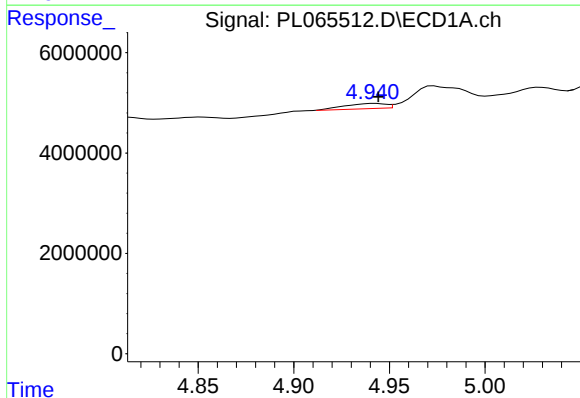
R.T.: 4.422 min  
Delta R.T.: -0.009 min  
Response: 744362  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



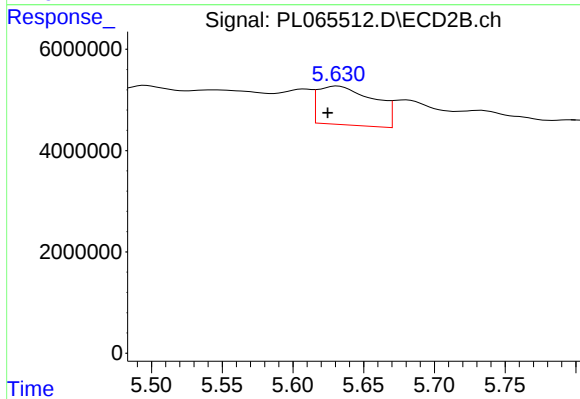
#7 delta-BHC

R.T.: 4.860 min  
Delta R.T.: 0.015 min  
Response: 865159  
Conc: 0.29 ng/ml



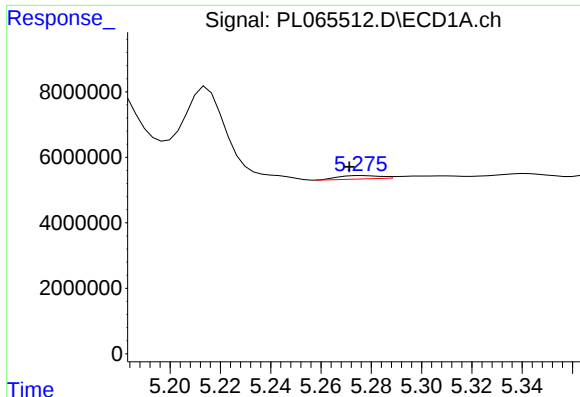
#8 Heptachlor epoxide

R.T.: 4.943 min  
Delta R.T.: -0.002 min  
Response: 1544576  
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

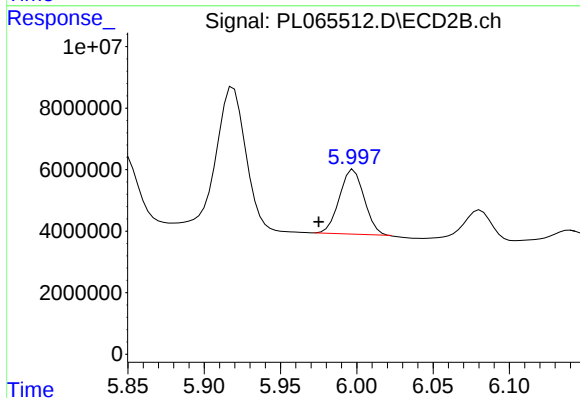
R.T.: 5.632 min  
Delta R.T.: 0.007 min  
Response: 21062656  
Conc: 7.29 ng/ml



#9 Endosulfan I

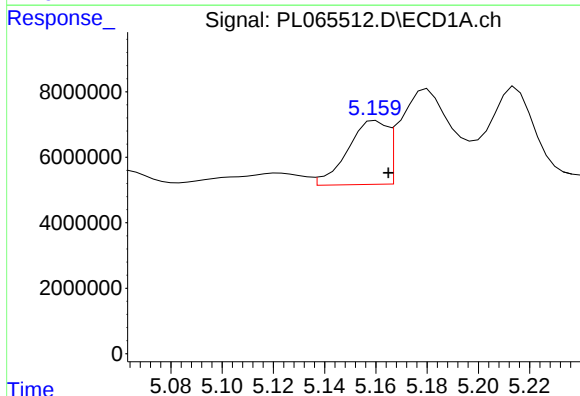
R.T.: 5.276 min  
Delta R.T.: 0.005 min  
Response: 1152277  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



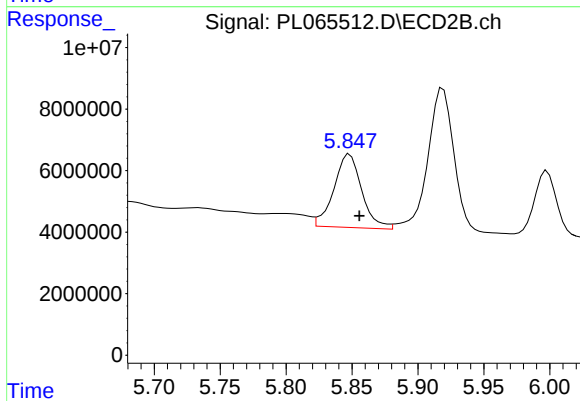
#9 Endosulfan I

R.T.: 5.998 min  
Delta R.T.: 0.023 min  
Response: 22733099  
Conc: 8.63 ng/ml



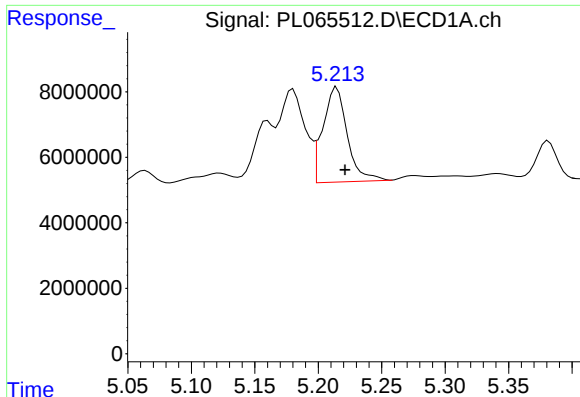
#10 gamma-Chlordane

R.T.: 5.160 min  
Delta R.T.: -0.005 min  
Response: 20906960  
Conc: 7.08 ng/ml



#10 gamma-Chlordane

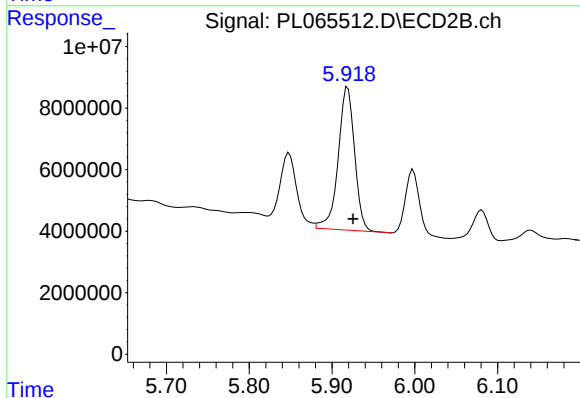
R.T.: 5.848 min  
Delta R.T.: -0.007 min  
Response: 35042797  
Conc: 12.56 ng/ml



#11 alpha-Chlordane

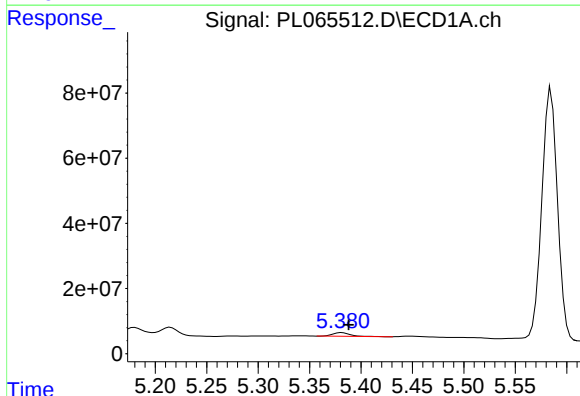
R.T.: 5.215 min  
Delta R.T.: -0.006 min  
Response: 38787562  
Conc: 13.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



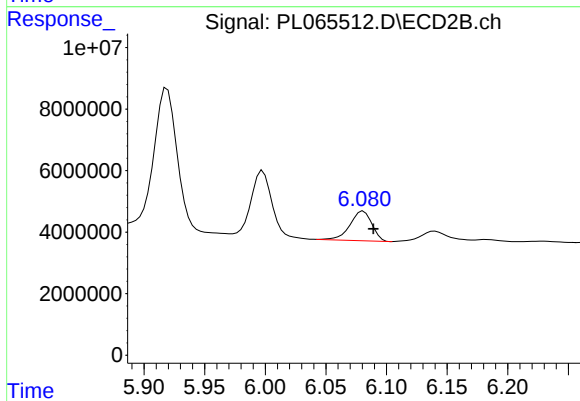
#11 alpha-Chlordane

R.T.: 5.919 min  
Delta R.T.: -0.006 min  
Response: 64237561  
Conc: 23.15 ng/ml



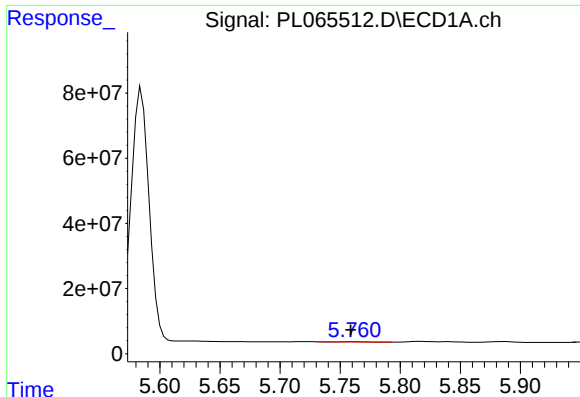
#12 4,4'-DDE

R.T.: 5.381 min  
Delta R.T.: -0.007 min  
Response: 12923092  
Conc: 4.91 ng/ml



#12 4,4'-DDE

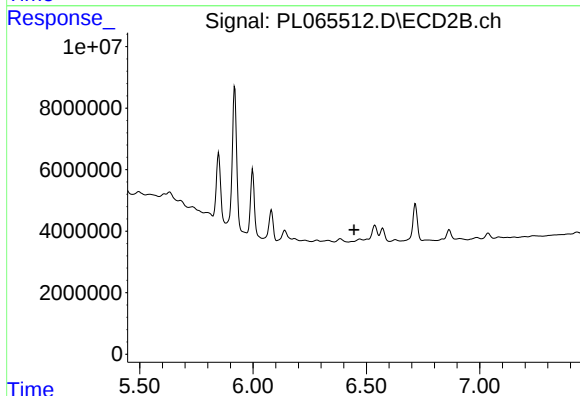
R.T.: 6.081 min  
Delta R.T.: -0.008 min  
Response: 12121119  
Conc: 4.87 ng/ml



#14 Endrin

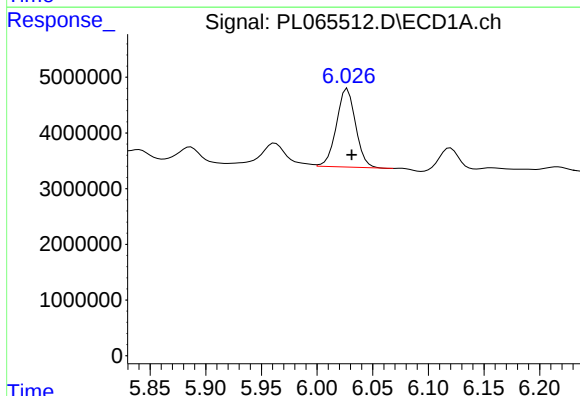
R.T.: 5.760 min  
Delta R.T.: 0.001 min  
Response: 253780  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



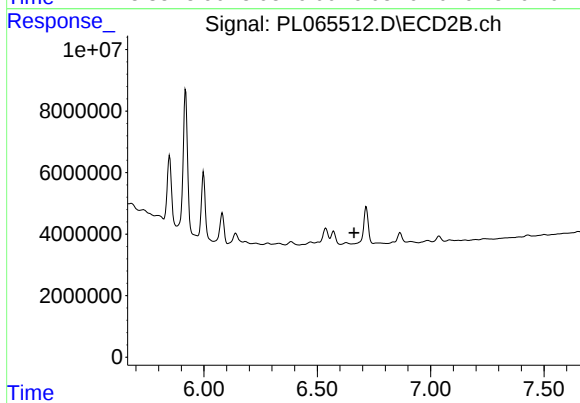
#14 Endrin

R.T.: 6.471 min  
Delta R.T.: 0.024 min  
Response: -57790  
Conc: N.D.



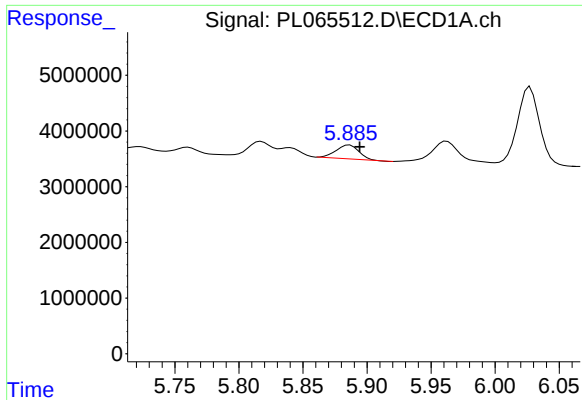
#15 Endosulfan II

R.T.: 6.027 min  
Delta R.T.: -0.004 min  
Response: 16864557  
Conc: 6.88 ng/ml



#15 Endosulfan II

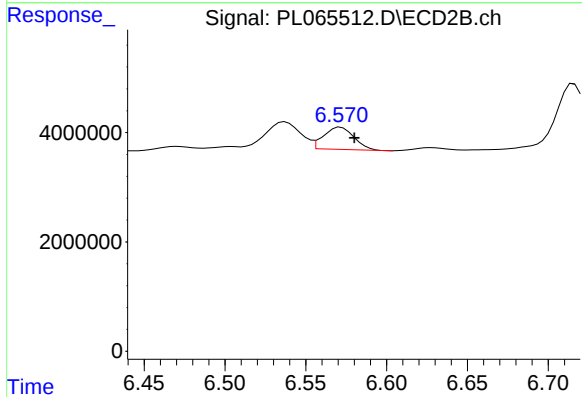
R.T.: 0.000 min  
Exp R.T.: 6.663 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

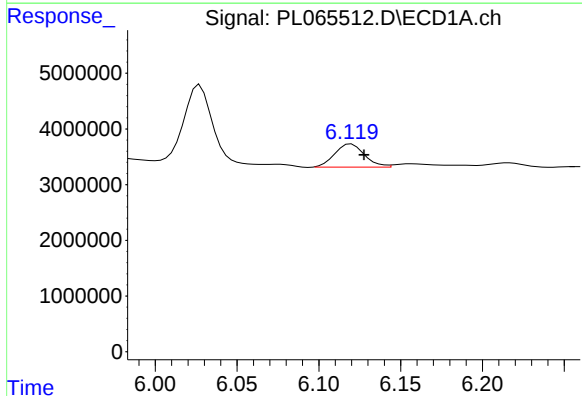
R.T.: 5.886 min  
Delta R.T.: -0.008 min  
Response: 3127778  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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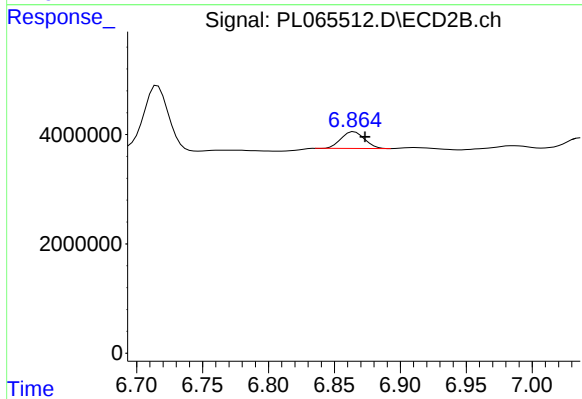
#16 4,4'-DDD

R.T.: 6.572 min  
Delta R.T.: -0.009 min  
Response: 5271749  
Conc: 2.40 ng/ml



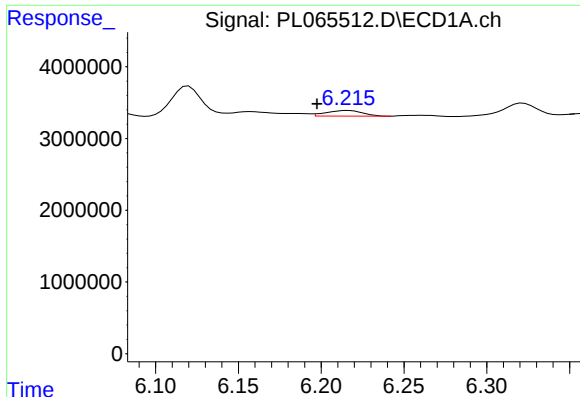
#17 4,4'-DDT

R.T.: 6.120 min  
Delta R.T.: -0.008 min  
Response: 5275536  
Conc: 2.79 ng/ml



#17 4,4'-DDT

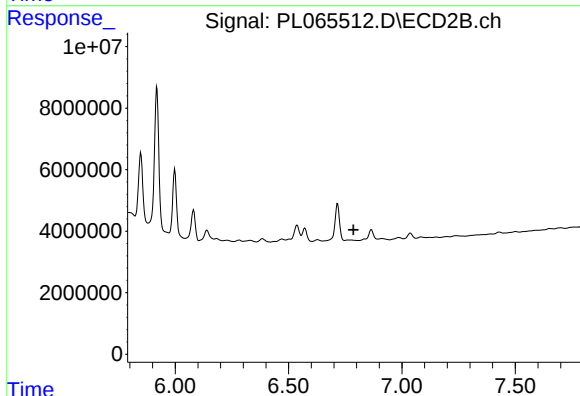
R.T.: 6.865 min  
Delta R.T.: -0.008 min  
Response: 3811349  
Conc: 1.94 ng/ml



#18 Endrin aldehyde

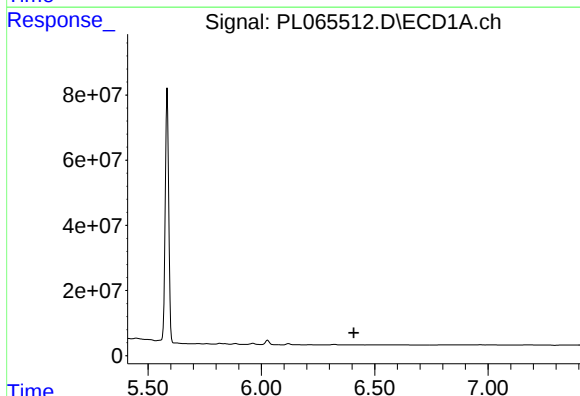
R.T.: 6.216 min  
Delta R.T.: 0.019 min  
Response: 1199913  
Conc: 0.62 ng/ml

Instrument :  
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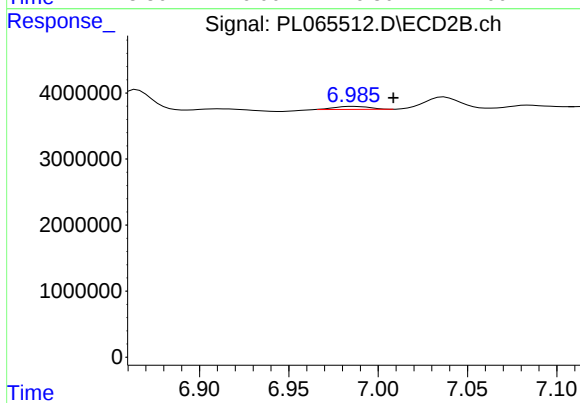
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.787 min  
Response: 0  
Conc: N.D.



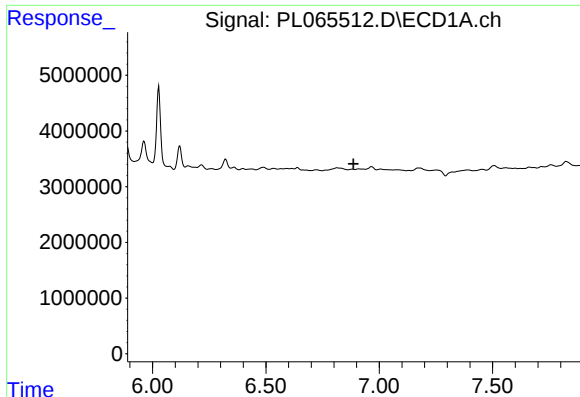
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

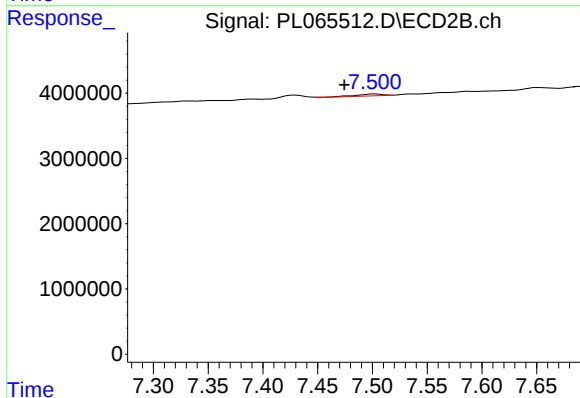
R.T.: 6.986 min  
Delta R.T.: -0.022 min  
Response: 621647  
Conc: 0.28 ng/ml



#21 Endrin ketone

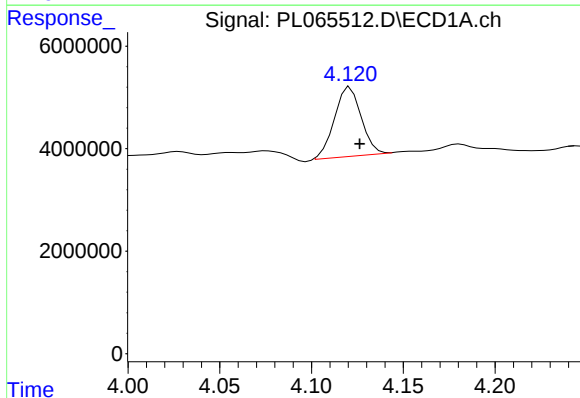
R.T.: 0.000 min  
Exp R.T.: 6.886 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



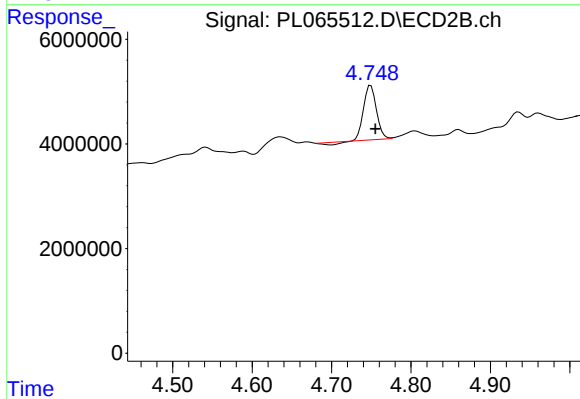
#21 Endrin ketone

R.T.: 7.502 min  
Delta R.T.: 0.027 min  
Response: 502827  
Conc: 0.21 ng/ml



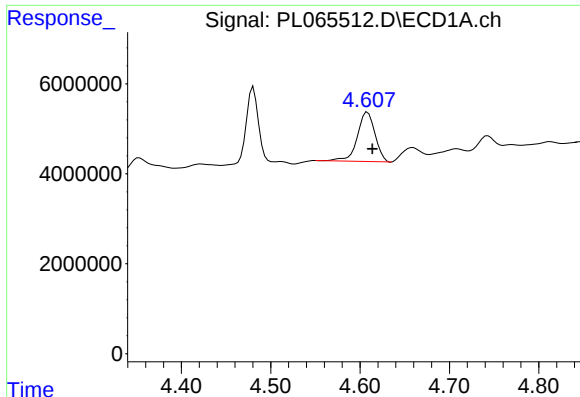
#23 Chlordane-1

R.T.: 4.121 min  
Delta R.T.: -0.005 min  
Response: 13646001  
Conc: 158.40 ng/ml



#23 Chlordane-1

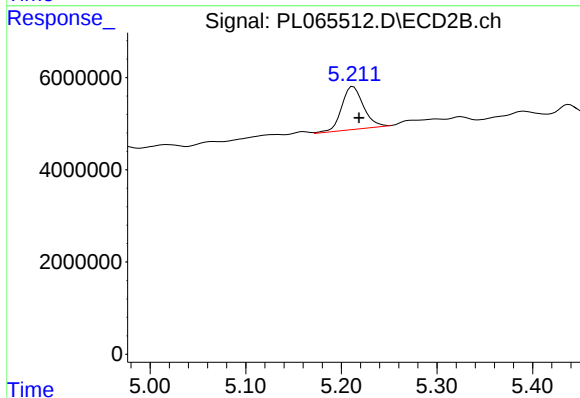
R.T.: 4.749 min  
Delta R.T.: -0.006 min  
Response: 11267873  
Conc: 99.90 ng/ml



#24 Chlordane-2

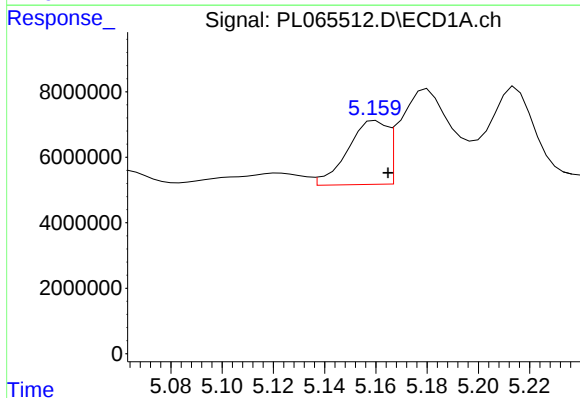
R.T.: 4.609 min  
Delta R.T.: -0.005 min  
Response: 15072611  
Conc: 138.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



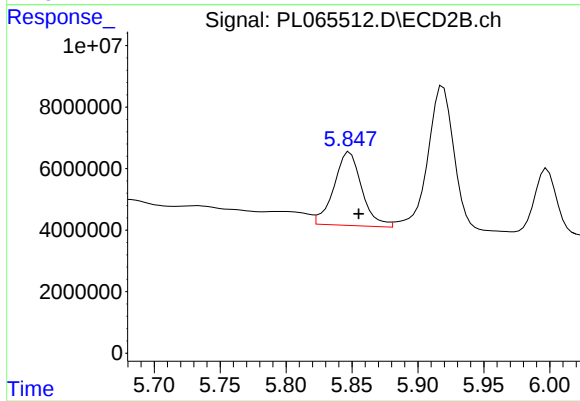
#24 Chlordane-2

R.T.: 5.212 min  
Delta R.T.: -0.006 min  
Response: 14668045  
Conc: 134.68 ng/ml



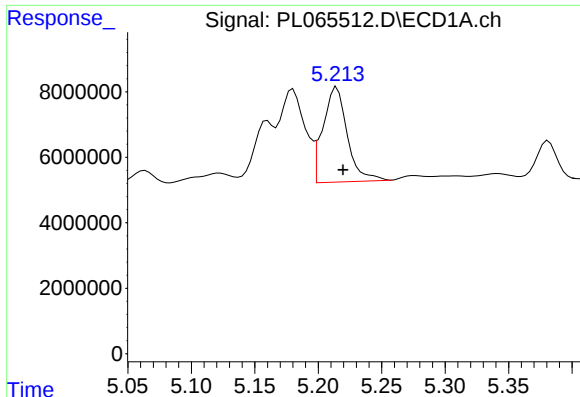
#25 Chlordane-3

R.T.: 5.160 min  
Delta R.T.: -0.005 min  
Response: 20906960  
Conc: 70.07 ng/ml



#25 Chlordane-3

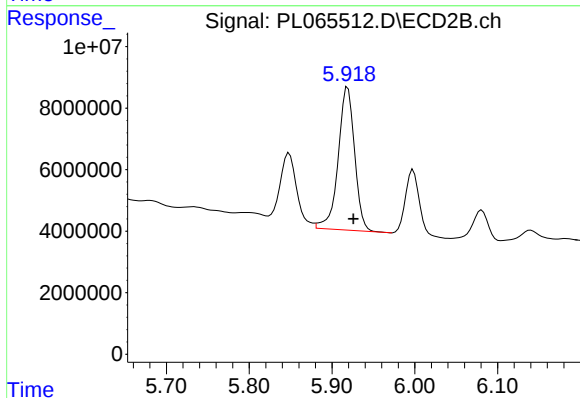
R.T.: 5.848 min  
Delta R.T.: -0.007 min  
Response: 35042797  
Conc: 85.97 ng/ml



#26 Chlordane-4

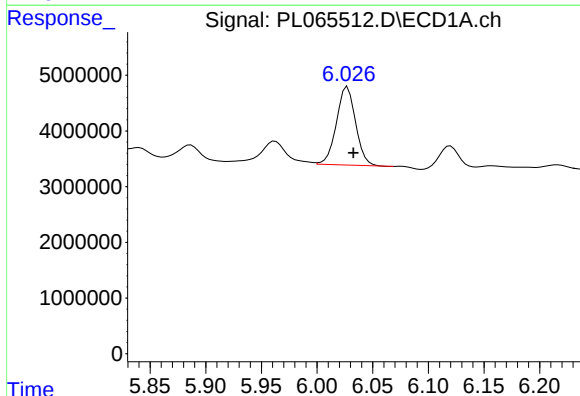
R.T.: 5.215 min  
Delta R.T.: -0.005 min  
Response: 38787562  
Conc: 142.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



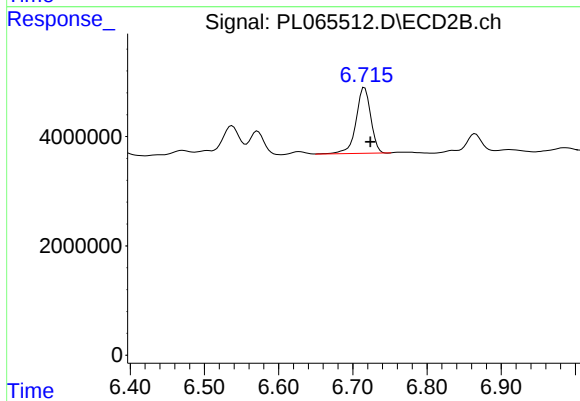
#26 Chlordane-4

R.T.: 5.919 min  
Delta R.T.: -0.007 min  
Response: 64237561  
Conc: 133.53 ng/ml



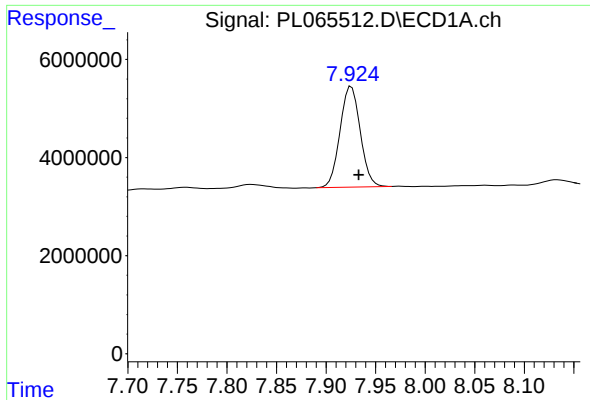
#27 Chlordane-5

R.T.: 6.027 min  
Delta R.T.: -0.005 min  
Response: 16864557  
Conc: 168.68 ng/ml



#27 Chlordane-5

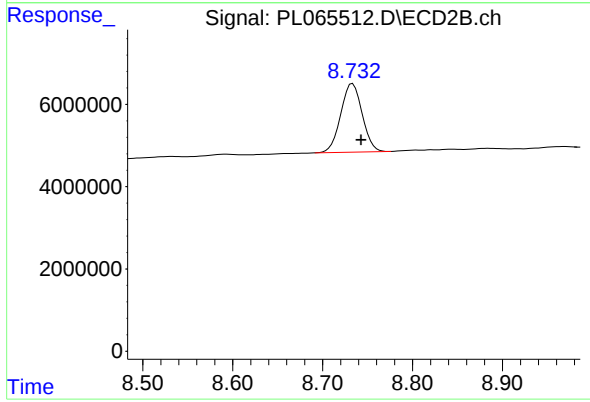
R.T.: 6.716 min  
Delta R.T.: -0.008 min  
Response: 16558944  
Conc: 206.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: -0.007 min  
Response: 29199354  
Conc: 12.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EO-02-032221



#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: -0.009 min  
Response: 27646514  
Conc: 13.95 ng/ml