

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 21:21  
 Operator : SG\AJ  
 Sample : K5833-10  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 6-(4-6)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 00:31:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.539  | 4.042  | 193.8E6  | 45349748 | 17.876 | 18.123   |
| 28)                         | SA Decachlor... | 8.321  | 9.121  | 176.5E6  | 51256973 | 17.992 | 18.202   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.990  | 4.459f | 9930987  | 7193641  | 0.570  | 2.081 #  |
| 3)                          | MA gamma-BHC... | 4.274  | 4.700f | 15993116 | 948887   | 1.027  | 0.295 #  |
| 4)                          | MA Heptachlor   | 4.582  | 0.000  | 25602269 | 0        | 1.622  | N.D. #   |
| 5)                          | MB Aldrin       | 4.826  | 5.558f | 6414428  | 4864941  | 0.449  | 1.632 #  |
| 7)                          | B delta-BHC     | 4.739  | 5.133f | 6143460  | 1618904  | 0.404  | 0.536 #  |
| 8)                          | B Heptachlo...  | 5.265  | 5.912  | 10192140 | 4892902  | 0.755  | 1.678 #  |
| 9)                          | A Endosulfan I  | 5.635  | 6.275  | 59971495 | 7446494  | 4.879  | 2.747 #  |
| 10)                         | B gamma-Chl...  | 5.521  | 6.145  | 23113885 | 5493198  | 1.694  | 1.883    |
| 11)                         | B alpha-Chl...  | 5.551f | 6.227  | 37498890 | 7705150  | 2.819  | 2.639    |
| 12)                         | B 4,4'-DDE      | 5.720  | 6.378  | 6800792  | 6328950  | 0.572  | 2.247 #  |
| 13)                         | MA Dieldrin     | 5.856  | 0.000  | 46247430 | 0        | 3.548  | N.D. #   |
| 14)                         | MA Endrin       | 6.108f | 0.000  | 22058751 | 0        | 1.903  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.389  | 0.000  | 36951784 | 0        | 3.305  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.875  | 0        | 5974747  | N.D.   | 2.867 #  |
| 17)                         | MA 4,4'-DDT     | 6.478  | 7.173  | 28915041 | 3576454  | 2.919  | 1.547 #  |
| 18)                         | B Endrin al...  | 6.571  | 0.000  | 10915196 | 0        | 1.190  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.791  | 0.000  | 8391659  | 0        | 0.825  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.012f | 0.000  | 35268658 | 0        | 7.153  | N.D. #   |
| 23)                         | Chlordane-1     | 4.424  | 5.031  | 13467015 | 825937   | 37.970 | 9.848 #  |
| 24)                         | Chlordane-2     | 4.928  | 0.000  | 7768846  | 0        | 20.162 | N.D. #   |
| 25)                         | Chlordane-3     | 5.521  | 6.145  | 23113885 | 5493198  | 20.052 | 15.040   |
| 26)                         | Chlordane-4     | 5.551f | 6.227  | 37498890 | 7705150  | 40.001 | 17.163 # |
| 27)                         | Chlordane-5     | 6.425f | 0.000  | 23538312 | 0        | 64.393 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

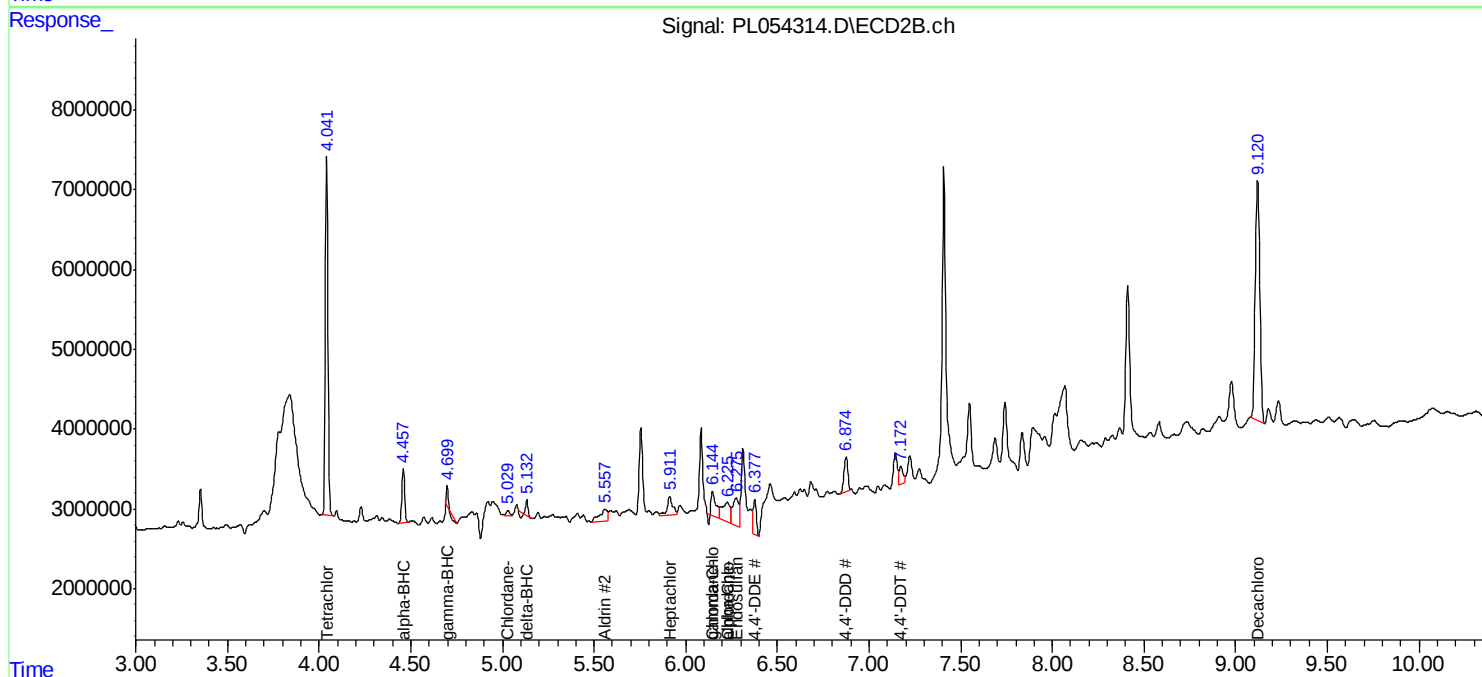
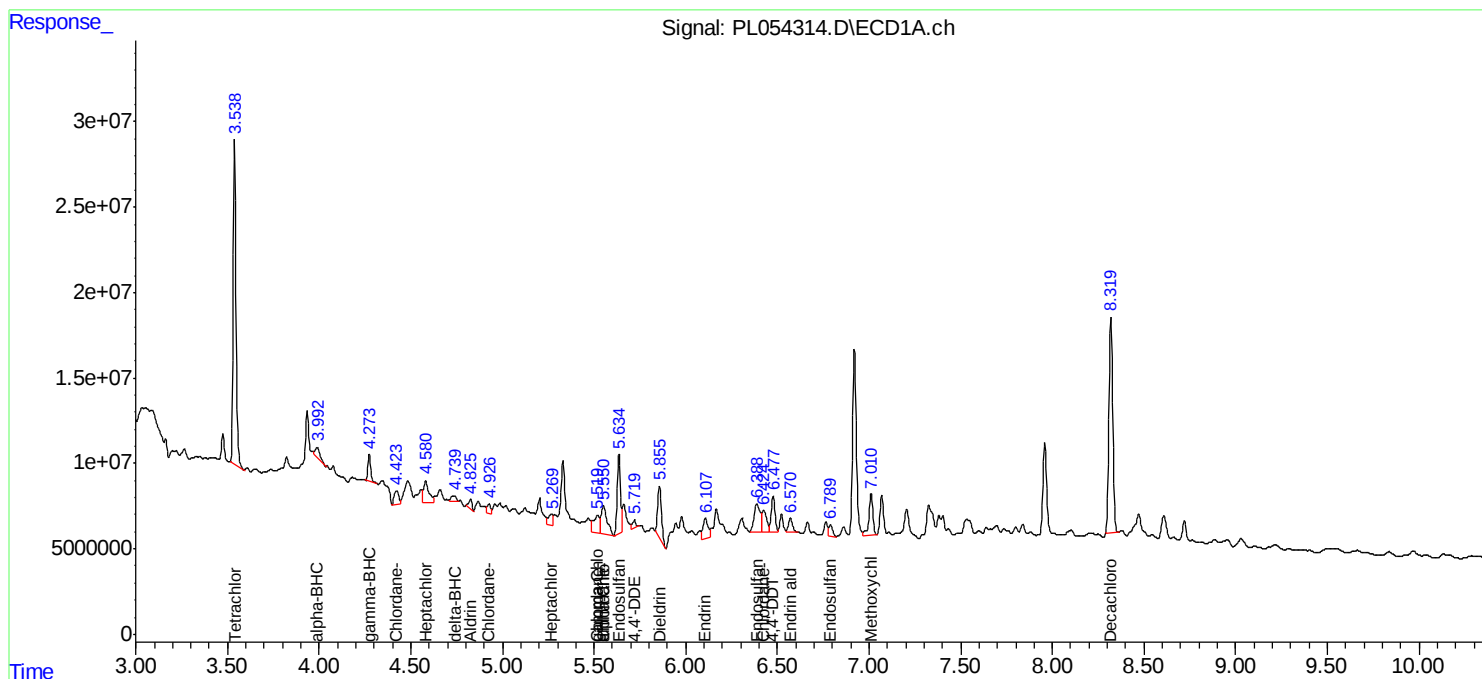
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

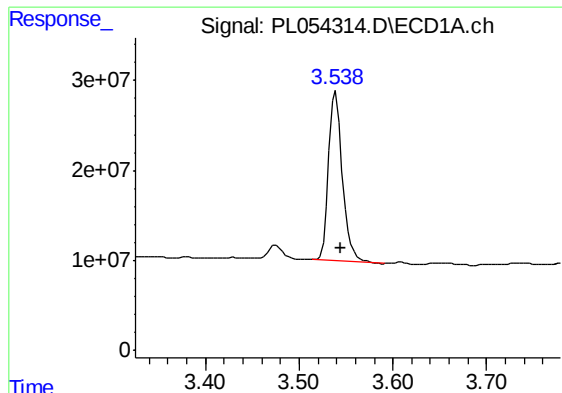
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054314.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2019 21:21  
Operator : SG\AJ  
Sample : K5833-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
6-(4-6)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 00:31:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

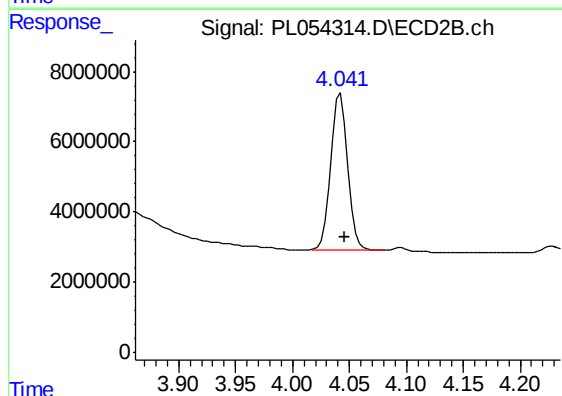




#1 Tetrachloro-m-xylene

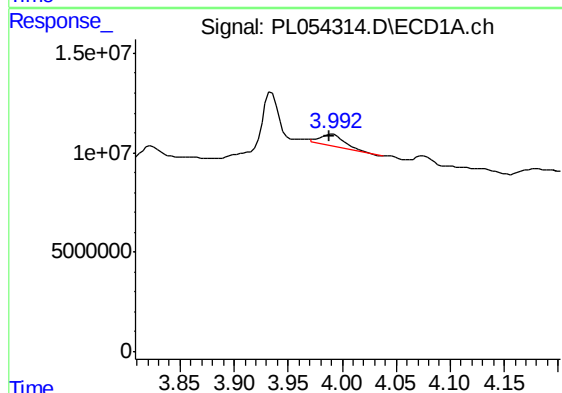
R.T.: 3.539 min  
Delta R.T.: -0.005 min  
Response: 193761098  
Conc: 17.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



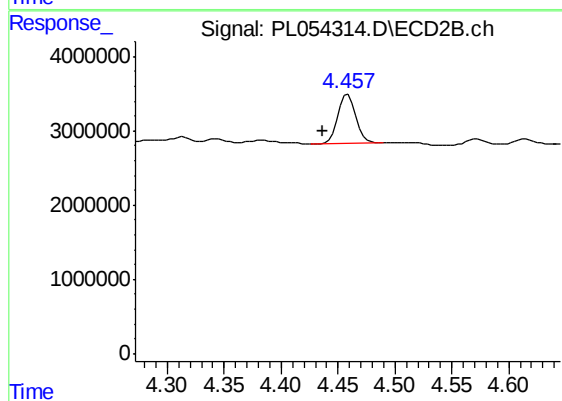
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 45349748  
Conc: 18.12 ng/ml



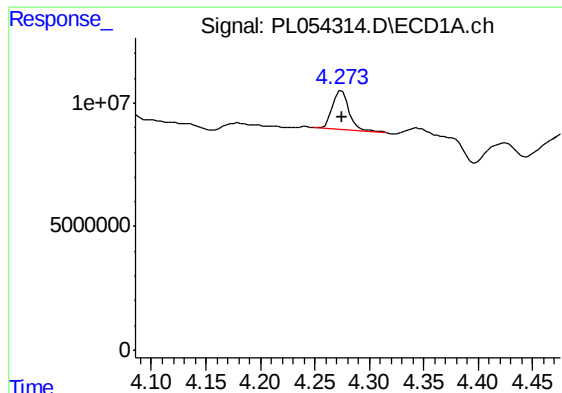
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: 0.002 min  
Response: 9930987  
Conc: 0.57 ng/ml



#2 alpha-BHC

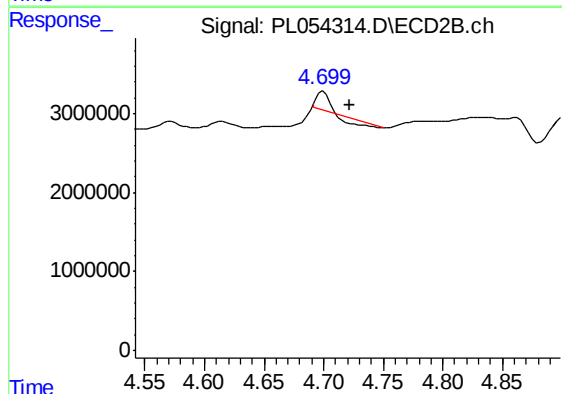
R.T.: 4.459 min  
Delta R.T.: 0.022 min  
Response: 7193641  
Conc: 2.08 ng/ml



#3 gamma-BHC (Lindane)

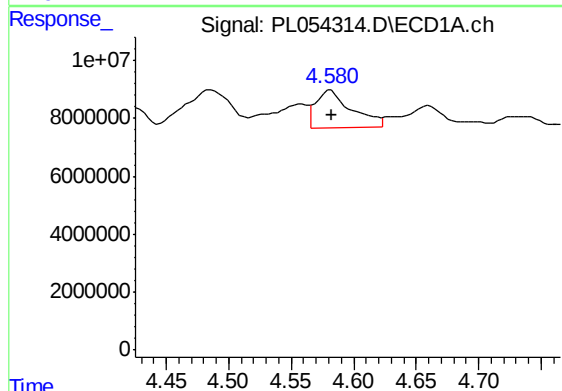
R.T.: 4.274 min  
Delta R.T.: 0.000 min  
Response: 15993116  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



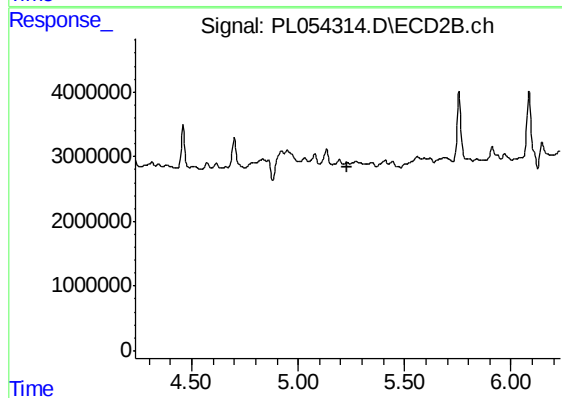
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: -0.023 min  
Response: 948887  
Conc: 0.29 ng/ml



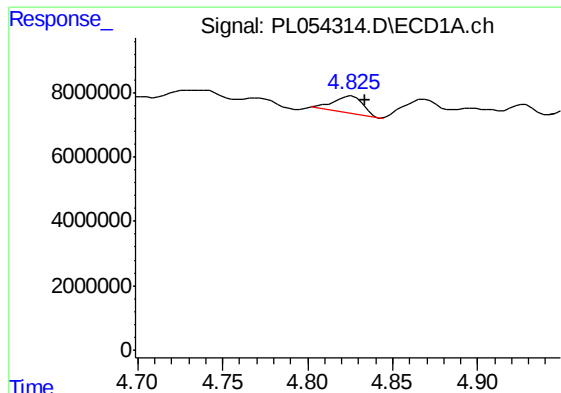
#4 Heptachlor

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 25602269  
Conc: 1.62 ng/ml



#4 Heptachlor

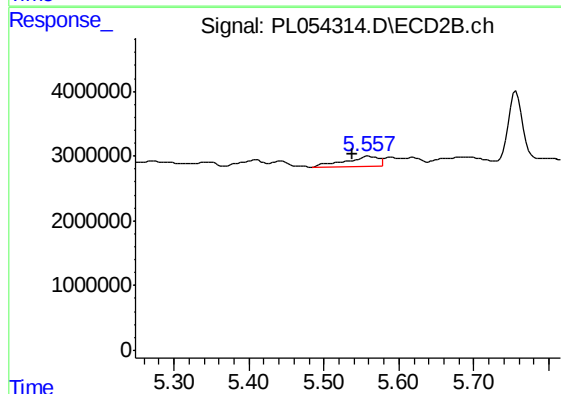
R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.



#5 Aldrin

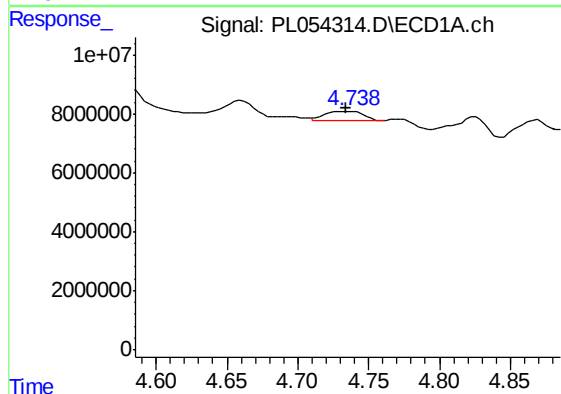
R.T.: 4.826 min  
Delta R.T.: -0.008 min  
Response: 6414428  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



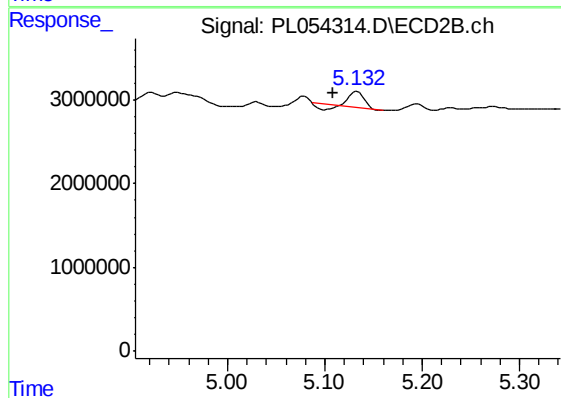
#5 Aldrin

R.T.: 5.558 min  
Delta R.T.: 0.021 min  
Response: 4864941  
Conc: 1.63 ng/ml



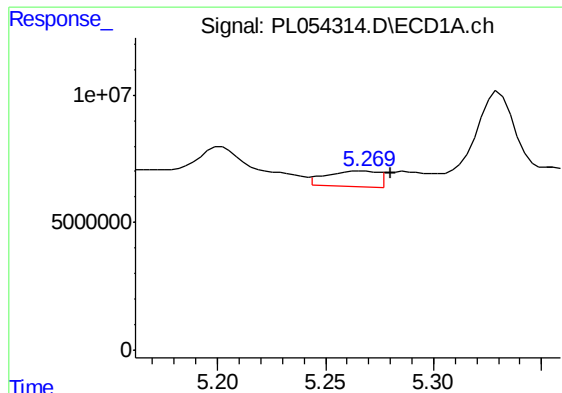
#7 delta-BHC

R.T.: 4.739 min  
Delta R.T.: 0.005 min  
Response: 6143460  
Conc: 0.40 ng/ml



#7 delta-BHC

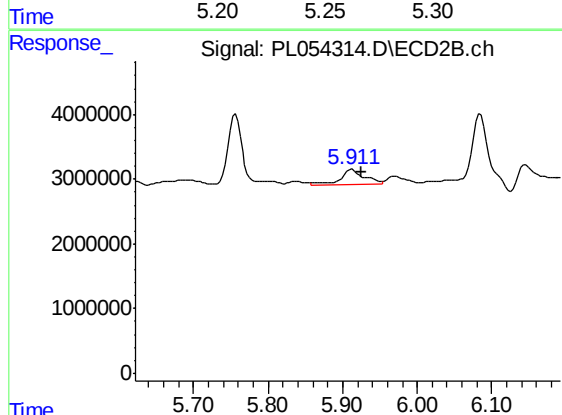
R.T.: 5.133 min  
Delta R.T.: 0.024 min  
Response: 1618904  
Conc: 0.54 ng/ml



#8 Heptachlor epoxide

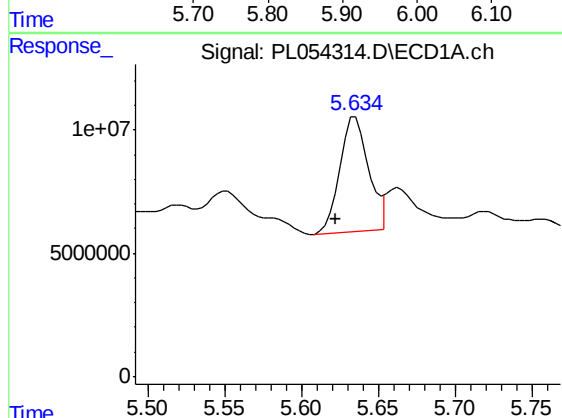
R.T.: 5.265 min  
Delta R.T.: -0.015 min  
Response: 10192140  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



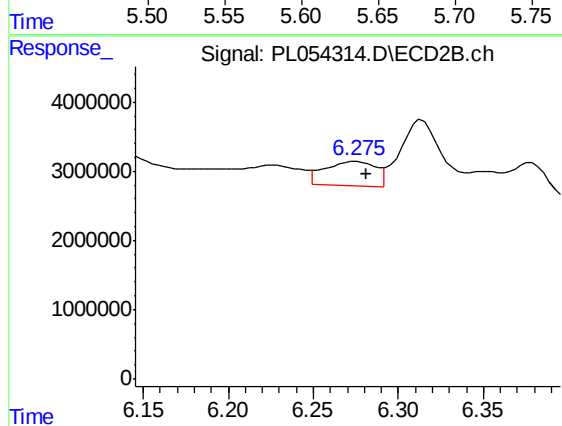
#8 Heptachlor epoxide

R.T.: 5.912 min  
Delta R.T.: -0.012 min  
Response: 4892902  
Conc: 1.68 ng/ml



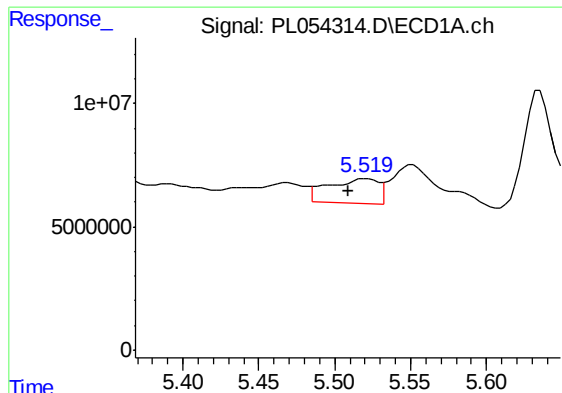
#9 Endosulfan I

R.T.: 5.635 min  
Delta R.T.: 0.013 min  
Response: 59971495  
Conc: 4.88 ng/ml



#9 Endosulfan I

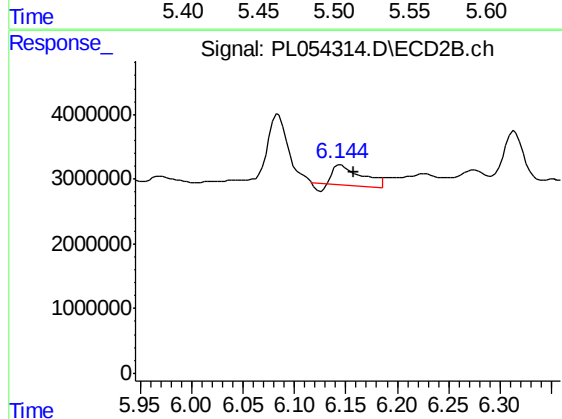
R.T.: 6.275 min  
Delta R.T.: -0.006 min  
Response: 7446494  
Conc: 2.75 ng/ml



#10 gamma-Chlordane

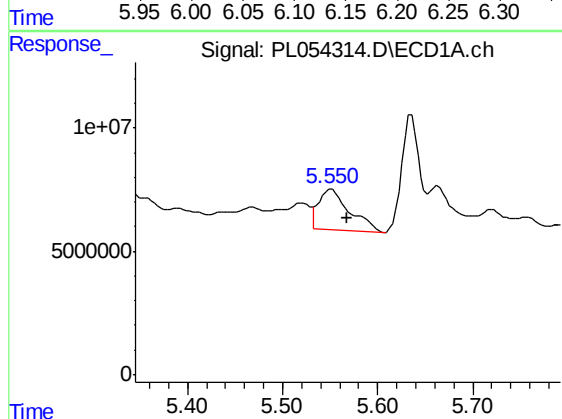
R.T.: 5.521 min  
Delta R.T.: 0.012 min  
Response: 23113885  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



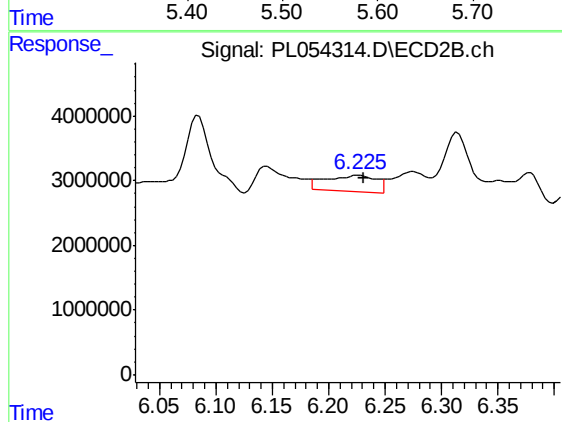
#10 gamma-Chlordane

R.T.: 6.145 min  
Delta R.T.: -0.013 min  
Response: 5493198  
Conc: 1.88 ng/ml



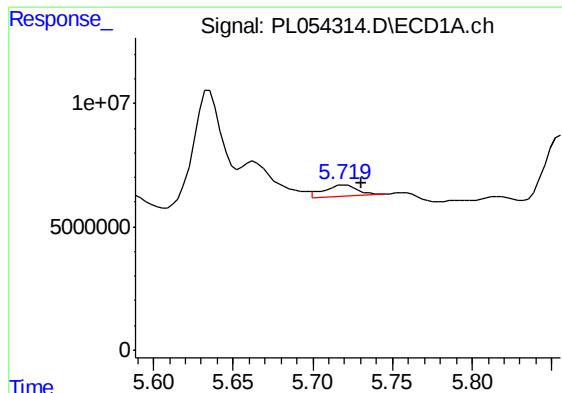
#11 alpha-Chlordane

R.T.: 5.551 min  
Delta R.T.: -0.016 min  
Response: 37498890  
Conc: 2.82 ng/ml



#11 alpha-Chlordane

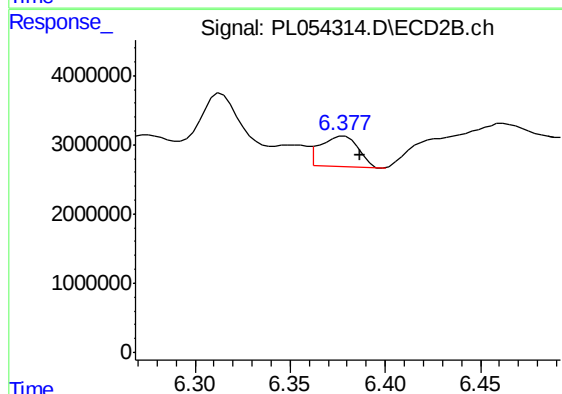
R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 7705150  
Conc: 2.64 ng/ml



#12 4,4'-DDE

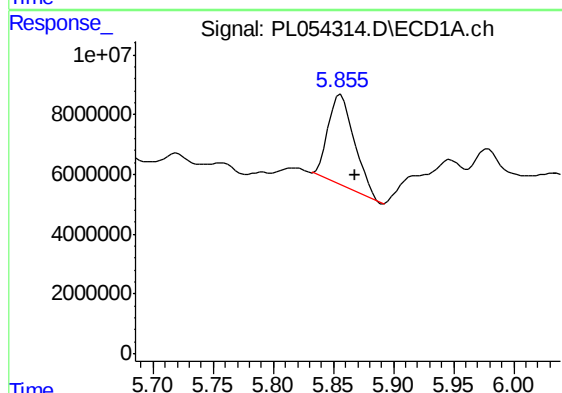
R.T.: 5.720 min  
Delta R.T.: -0.011 min  
Response: 6800792  
Conc: 0.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



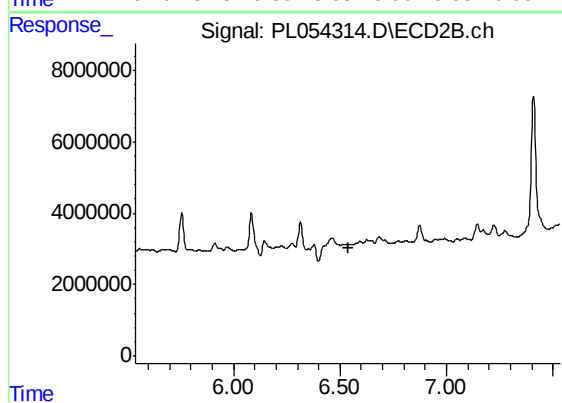
#12 4,4'-DDE

R.T.: 6.378 min  
Delta R.T.: -0.008 min  
Response: 6328950  
Conc: 2.25 ng/ml



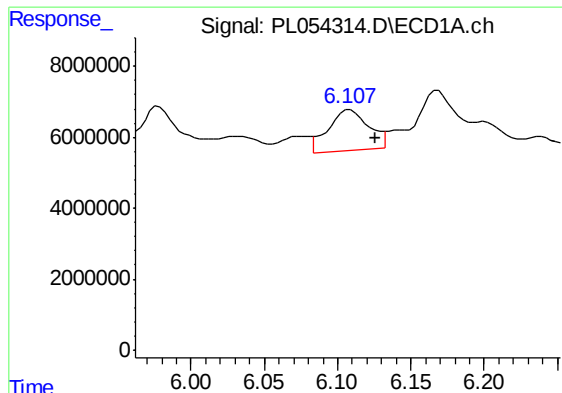
#13 Dieldrin

R.T.: 5.856 min  
Delta R.T.: -0.012 min  
Response: 46247430  
Conc: 3.55 ng/ml



#13 Dieldrin

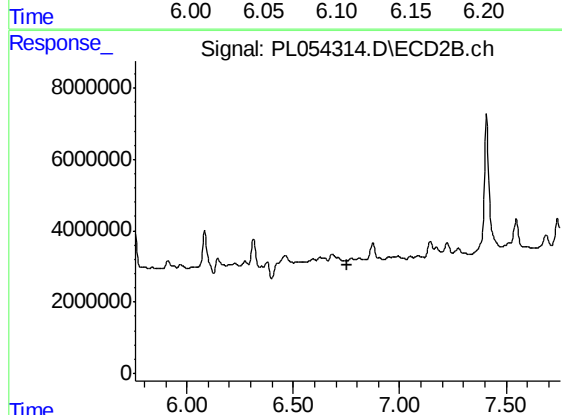
R.T.: 0.000 min  
Exp R.T. : 6.538 min  
Response: 0  
Conc: N.D.



#14 Endrin

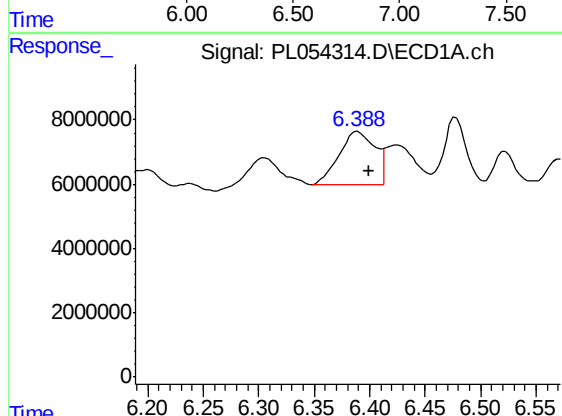
R.T.: 6.108 min  
Delta R.T.: -0.018 min  
Response: 22058751  
Conc: 1.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



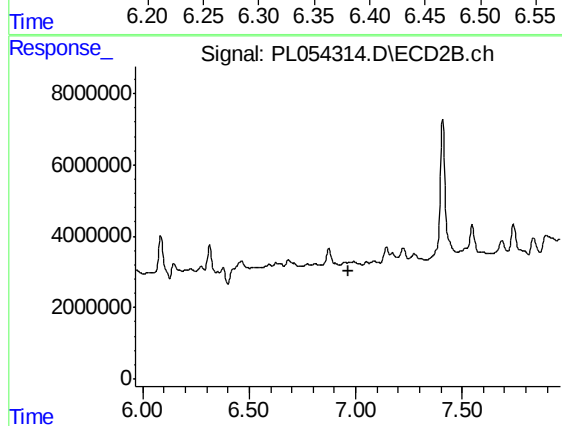
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.756 min  
Response: 0  
Conc: N.D.



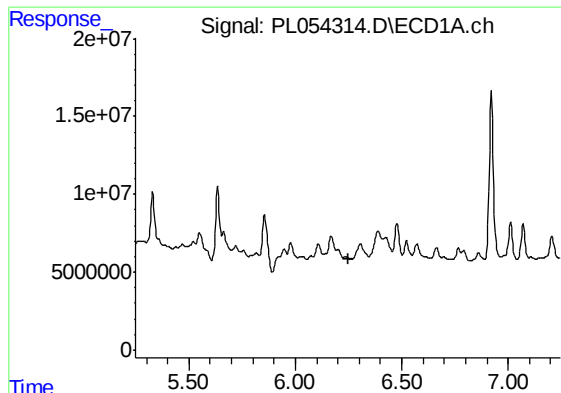
#15 Endosulfan II

R.T.: 6.389 min  
Delta R.T.: -0.009 min  
Response: 36951784  
Conc: 3.31 ng/ml



#15 Endosulfan II

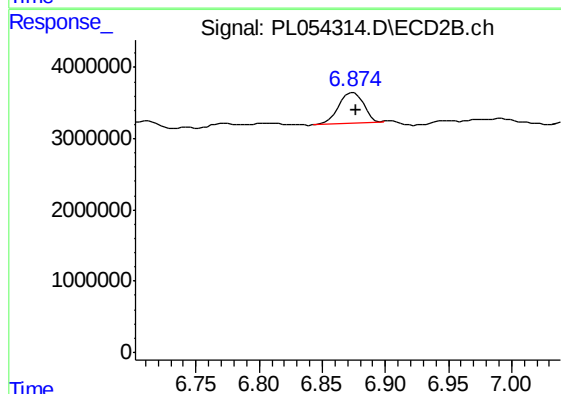
R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

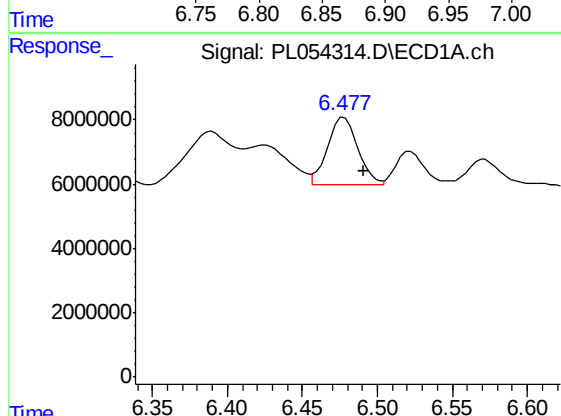
R.T.: 0.000 min  
Exp R.T.: 6.248 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



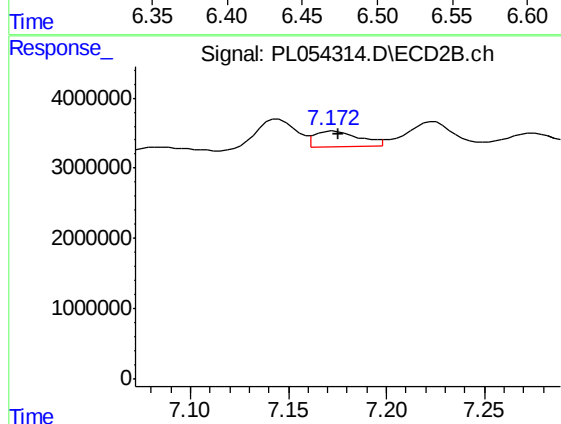
#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 5974747  
Conc: 2.87 ng/ml



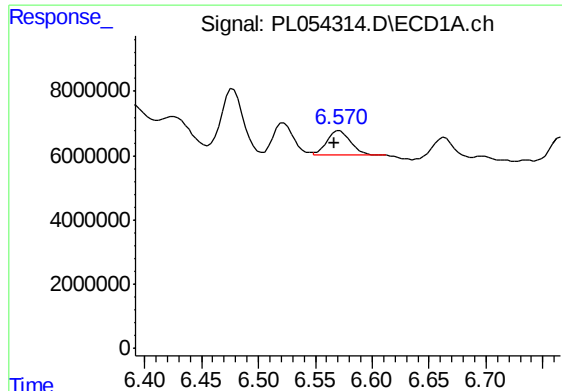
#17 4,4'-DDT

R.T.: 6.478 min  
Delta R.T.: -0.013 min  
Response: 28915041  
Conc: 2.92 ng/ml



#17 4,4'-DDT

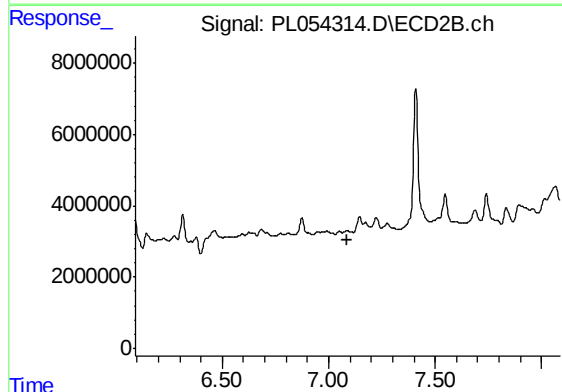
R.T.: 7.173 min  
Delta R.T.: -0.002 min  
Response: 3576454  
Conc: 1.55 ng/ml



#18 Endrin aldehyde

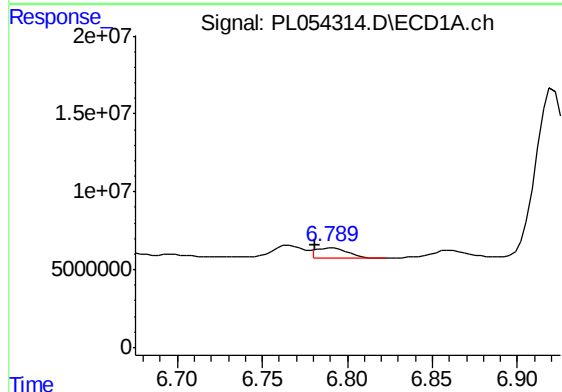
R.T.: 6.571 min  
Delta R.T.: 0.004 min  
Response: 10915196  
Conc: 1.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



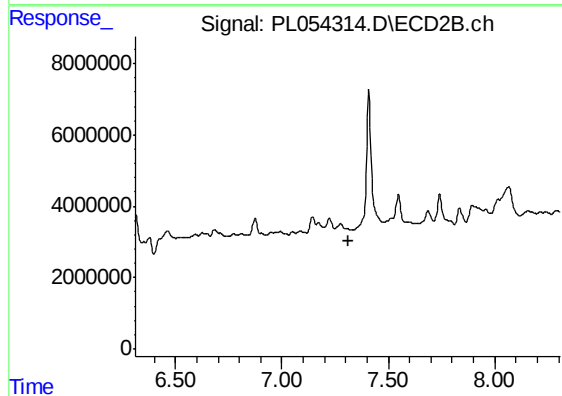
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.089 min  
Response: 0  
Conc: N.D.



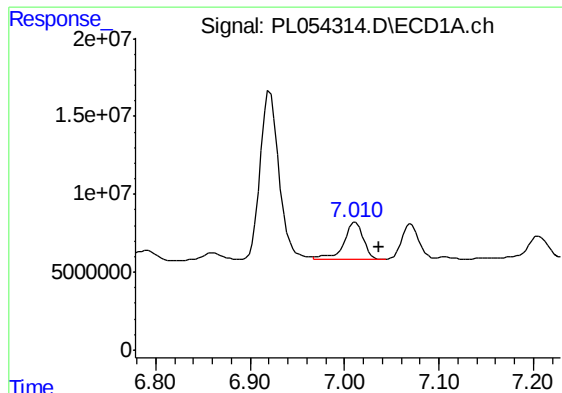
#19 Endosulfan Sulfate

R.T.: 6.791 min  
Delta R.T.: 0.009 min  
Response: 8391659  
Conc: 0.83 ng/ml



#19 Endosulfan Sulfate

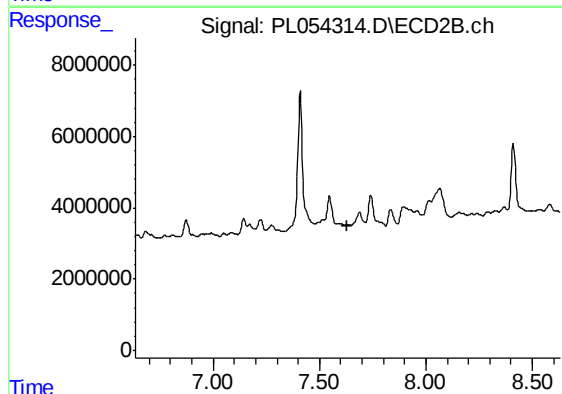
R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

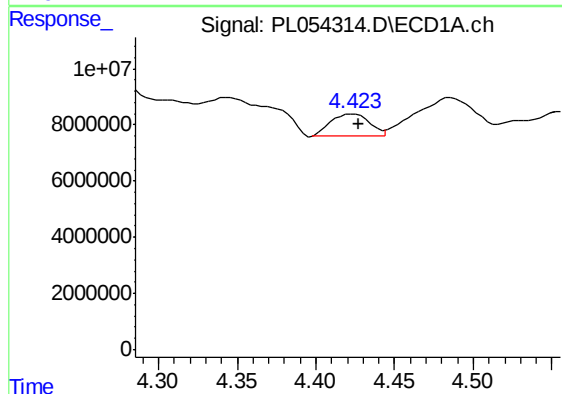
R.T.: 7.012 min  
Delta R.T.: -0.025 min  
Response: 35268658  
Conc: 7.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



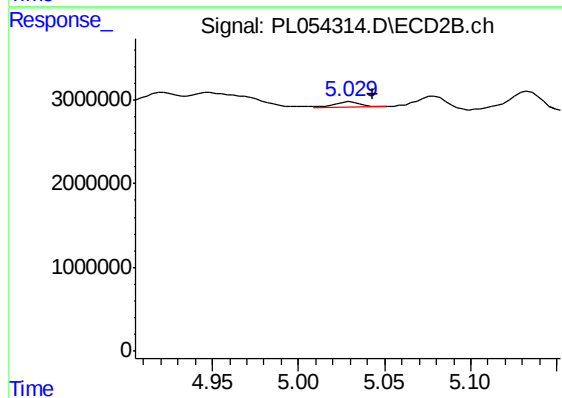
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



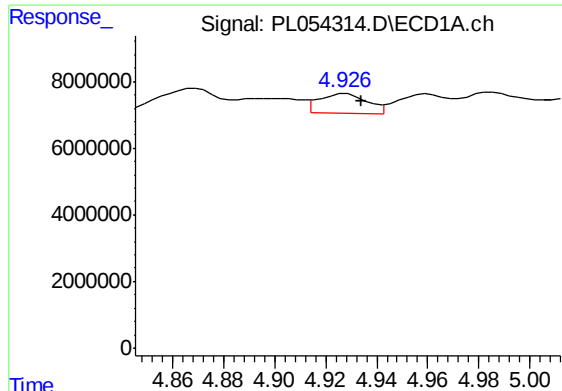
#23 Chlordane-1

R.T.: 4.424 min  
Delta R.T.: -0.003 min  
Response: 13467015  
Conc: 37.97 ng/ml



#23 Chlordane-1

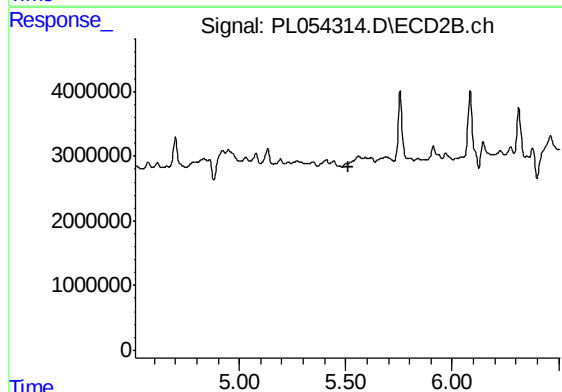
R.T.: 5.031 min  
Delta R.T.: -0.013 min  
Response: 825937  
Conc: 9.85 ng/ml



#24 Chlordane-2

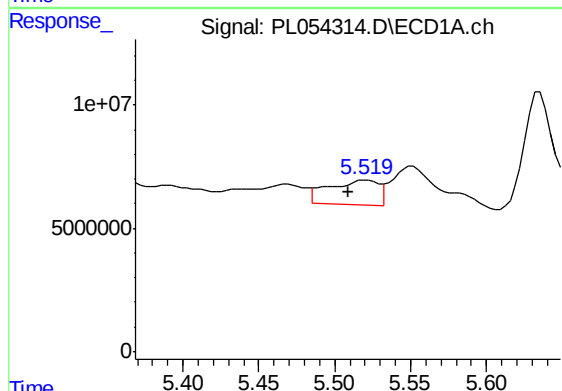
R.T.: 4.928 min  
Delta R.T.: -0.006 min  
Response: 7768846  
Conc: 20.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



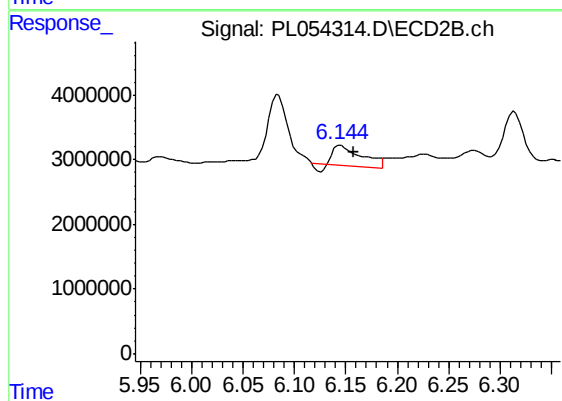
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.510 min  
Response: 0  
Conc: N.D.



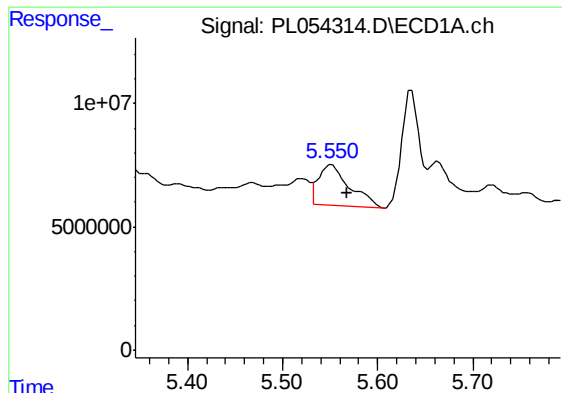
#25 Chlordane-3

R.T.: 5.521 min  
Delta R.T.: 0.012 min  
Response: 23113885  
Conc: 20.05 ng/ml



#25 Chlordane-3

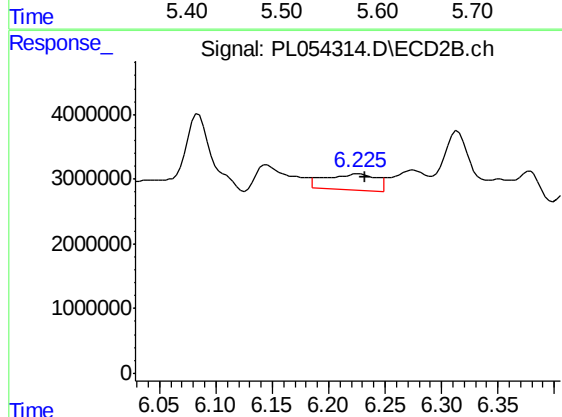
R.T.: 6.145 min  
Delta R.T.: -0.013 min  
Response: 5493198  
Conc: 15.04 ng/ml



#26 Chlordane-4

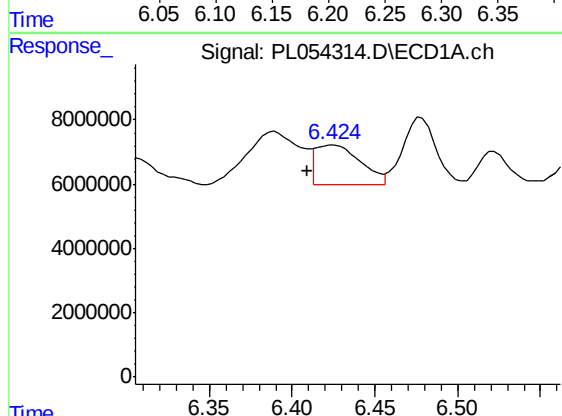
R.T.: 5.551 min  
Delta R.T.: -0.016 min  
Response: 37498890  
Conc: 40.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



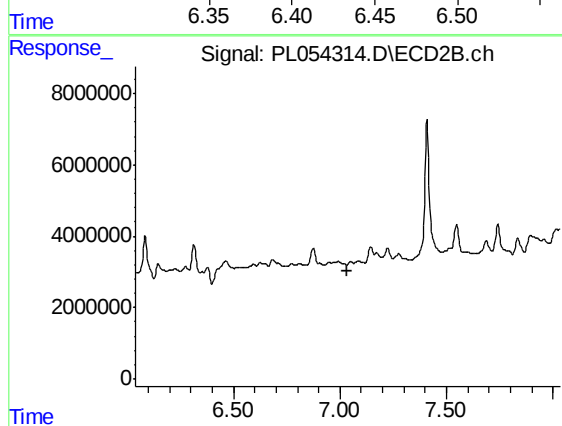
#26 Chlordane-4

R.T.: 6.227 min  
Delta R.T.: -0.005 min  
Response: 7705150  
Conc: 17.16 ng/ml



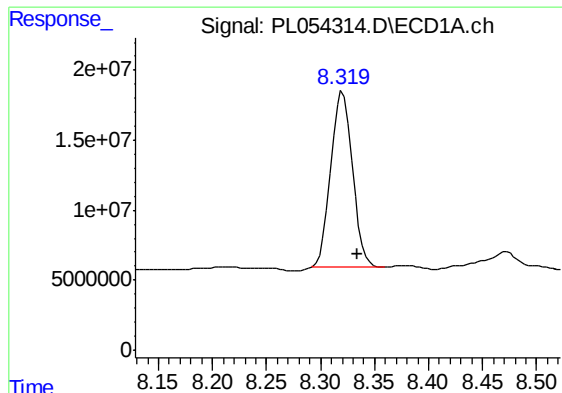
#27 Chlordane-5

R.T.: 6.425 min  
Delta R.T.: 0.016 min  
Response: 23538312  
Conc: 64.39 ng/ml



#27 Chlordane-5

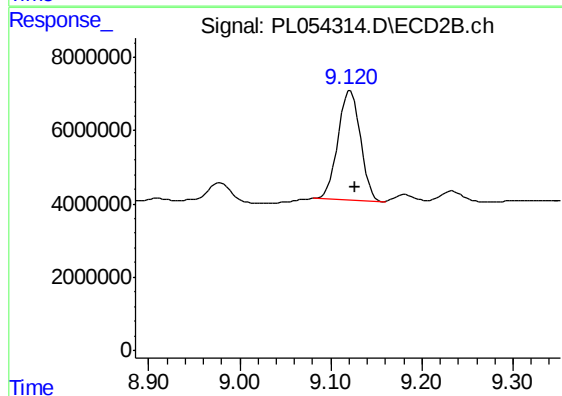
R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.013 min  
Response: 176529105  
Conc: 17.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
6-(4-6)



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.005 min  
Response: 51256973  
Conc: 18.20 ng/ml