

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080219\  
 Data File : PL050999.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2019 18:53  
 Operator : SM\AJ  
 Sample : K4131-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 22:50:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318  | 3.928  | 191.2E6  | 43397347 | 19.025 | 15.210  |
| 28)                         | SA Decachlor... | 7.978  | 8.957  | 144.2E6  | 36921006 | 14.240 | 13.056  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 4.340f | 0        | 3228958  | N.D.   | 0.783 # |
| 3)                          | MA gamma-BHC... | 4.028  | 4.581f | 3675762  | 12247661 | 0.239  | 3.162 # |
| 6)                          | B beta-BHC      | 0.000  | 4.791  | 0        | 9114184  | N.D.   | 5.272 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.804  | 0        | 4154646  | N.D.   | 1.086 # |
| 9)                          | A Endosulfan I  | 5.339f | 6.146  | 57407814 | 527291   | 3.947  | 0.153 # |
| 10)                         | B gamma-Chl...  | 5.199  | 6.019  | 64992338 | -2392296 | 4.118  | N.D. #  |
| 11)                         | B alpha-Chl...  | 5.263  | 6.095  | 56255920 | 1216634  | 3.687  | 0.332 # |
| 13)                         | MA Dieldrin     | 5.559  | 0.000  | 56540286 | 0        | 3.649  | N.D. #  |
| 14)                         | MA Endrin       | 5.811  | 6.642f | 60079767 | 1792279  | 4.081  | 0.578 # |
| 15)                         | B Endosulfa...  | 6.091f | 6.847  | -6328232 | 9622868  | N.D.   | 3.027   |
| 16)                         | A 4,4'-DDD      | 5.925  | 0.000  | 25027998 | 0        | 2.088  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.165  | 0.000  | 7335944  | 0        | 0.592  | N.D. #  |
| 18)                         | B Endrin al...  | 6.259f | 0.000  | 5696141  | 0        | 0.494  | N.D. #  |
| 19)                         | B Endosulfa...  | 6.471f | 0.000  | 17971405 | 0        | 1.411  | N.D. #  |
| 22)                         | Mirex           | 7.079f | 0.000  | 9941527  | 0        | 1.014  | N.D. #  |
| 23)                         | Chlordane-1     | 4.165  | 0.000  | 16866965 | 0        | 45.840 | N.D. #  |
| 24)                         | Chlordane-2     | 4.628f | 0.000  | 8188635  | 0        | 18.294 | N.D. #  |
| 25)                         | Chlordane-3     | 5.199  | 6.019  | 64992338 | -2392296 | 46.430 | N.D. #  |
| 26)                         | Chlordane-4     | 5.263  | 6.095  | 56255920 | 1216634  | 42.651 | 2.094 # |
| -----                       |                 |        |        |          |          |        |         |

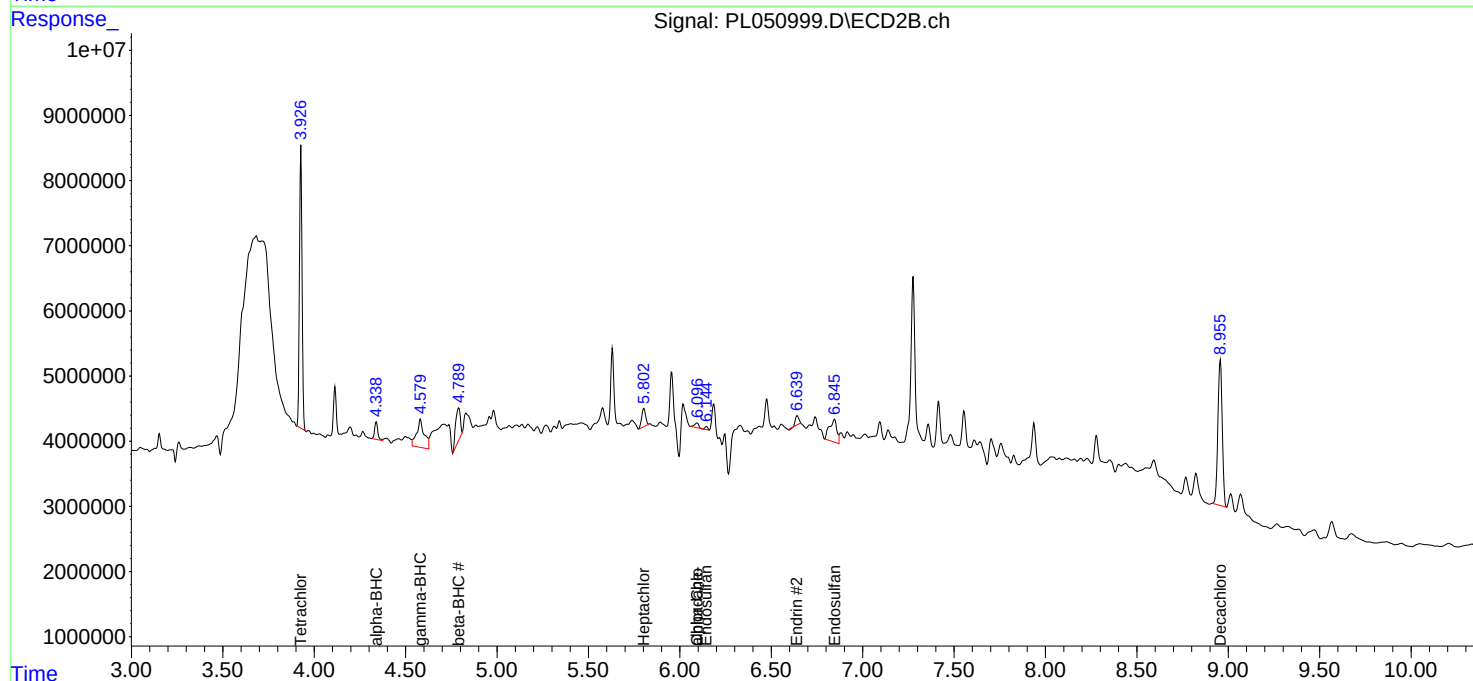
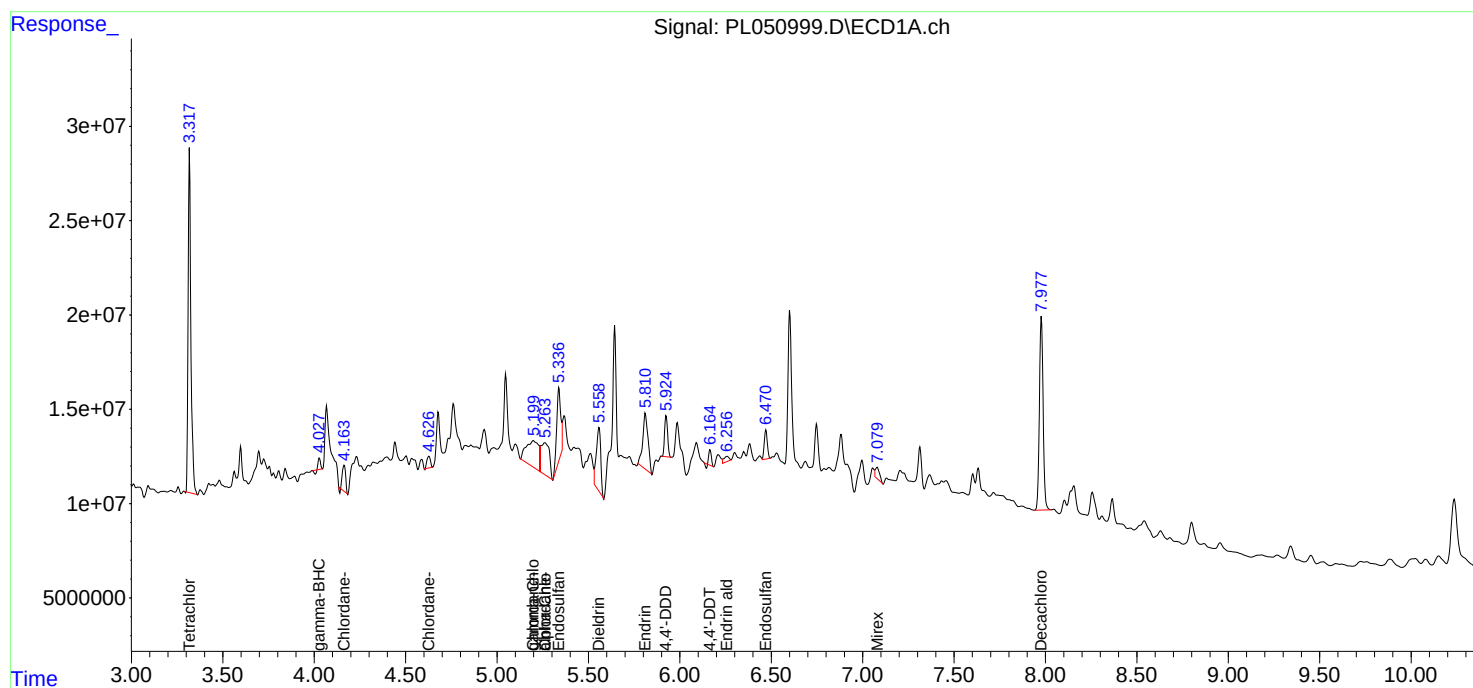
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

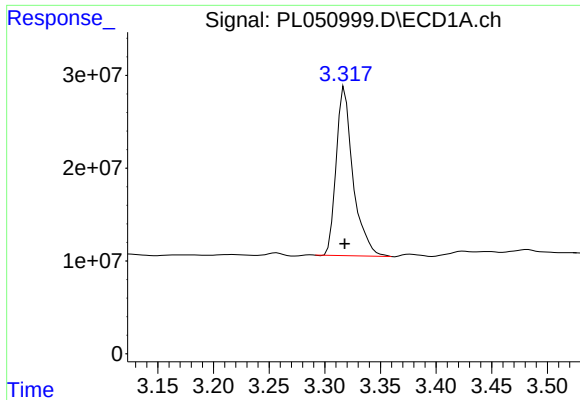
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080219\  
Data File : PL050999.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2019 18:53  
Operator : SM\AJ  
Sample : K4131-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 22:50:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

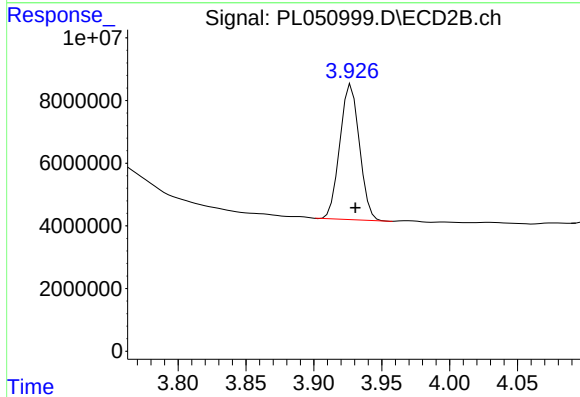




#1 Tetrachloro-m-xylene

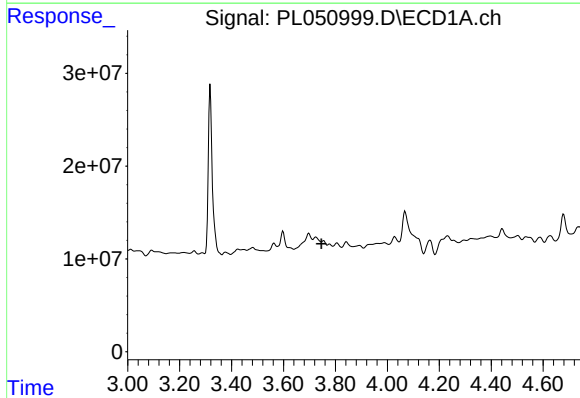
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 191161201  
Conc: 19.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



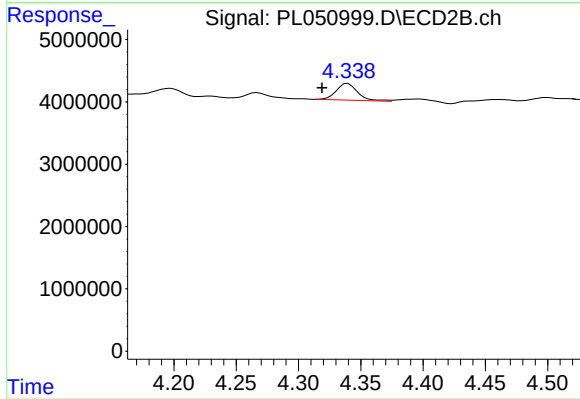
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.003 min  
Response: 43397347  
Conc: 15.21 ng/ml



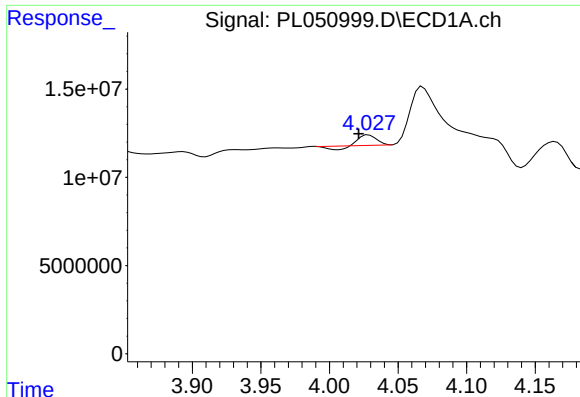
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.746 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

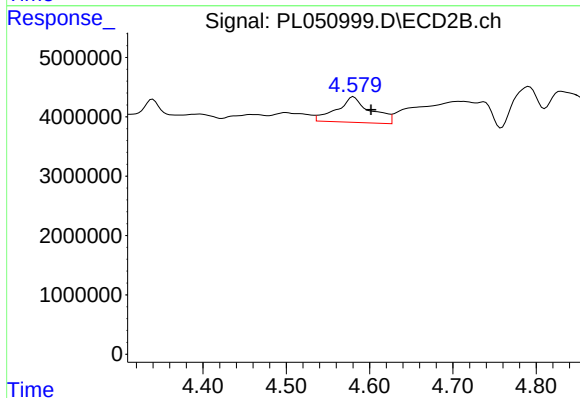
R.T.: 4.340 min  
Delta R.T.: 0.021 min  
Response: 3228958  
Conc: 0.78 ng/ml



#3 gamma-BHC (Lindane)

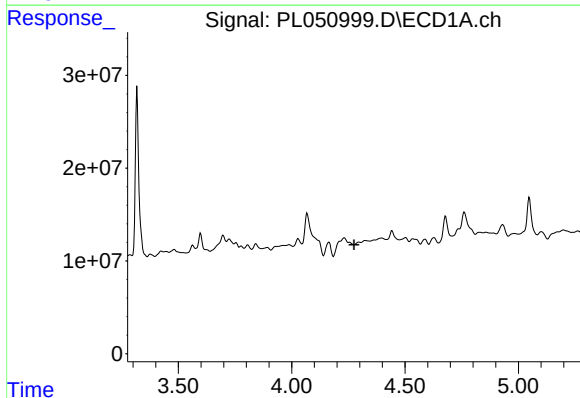
R.T.: 4.028 min  
Delta R.T.: 0.007 min  
Response: 3675762  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



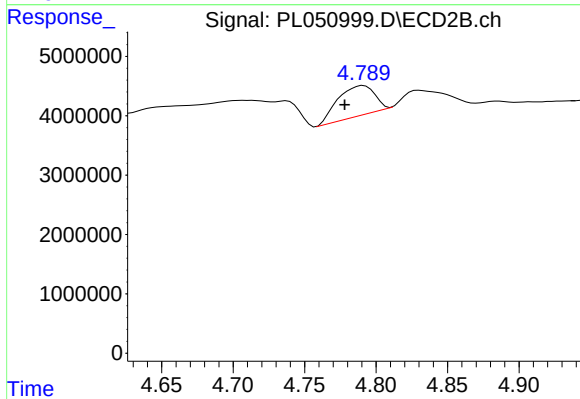
#3 gamma-BHC (Lindane)

R.T.: 4.581 min  
Delta R.T.: -0.021 min  
Response: 12247661  
Conc: 3.16 ng/ml



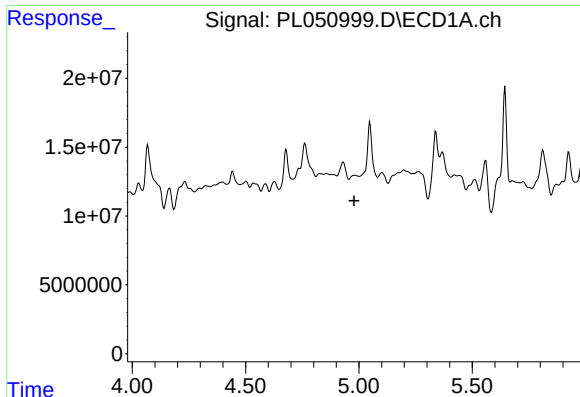
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.276 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

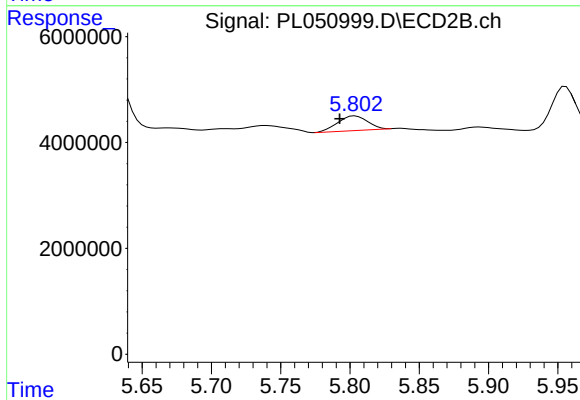
R.T.: 4.791 min  
Delta R.T.: 0.013 min  
Response: 9114184  
Conc: 5.27 ng/ml



#8 Heptachlor epoxide

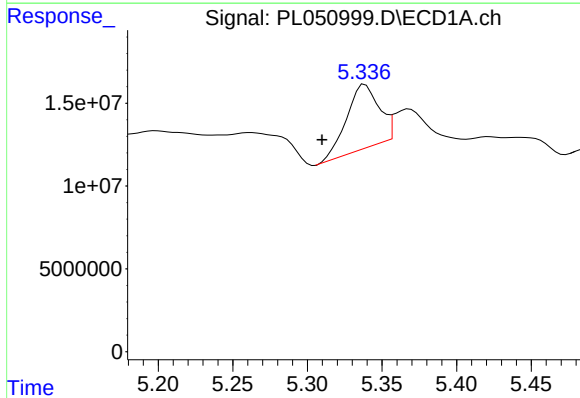
R.T.: 0.000 min  
Exp R.T.: 4.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



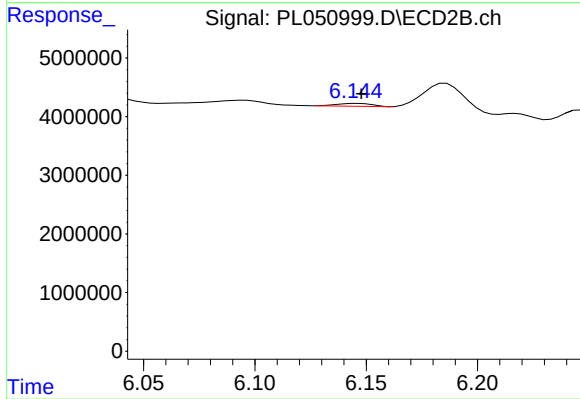
#8 Heptachlor epoxide

R.T.: 5.804 min  
Delta R.T.: 0.011 min  
Response: 4154646  
Conc: 1.09 ng/ml



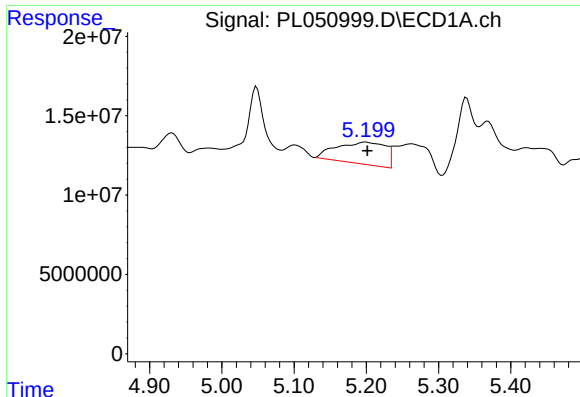
#9 Endosulfan I

R.T.: 5.339 min  
Delta R.T.: 0.029 min  
Response: 57407814  
Conc: 3.95 ng/ml



#9 Endosulfan I

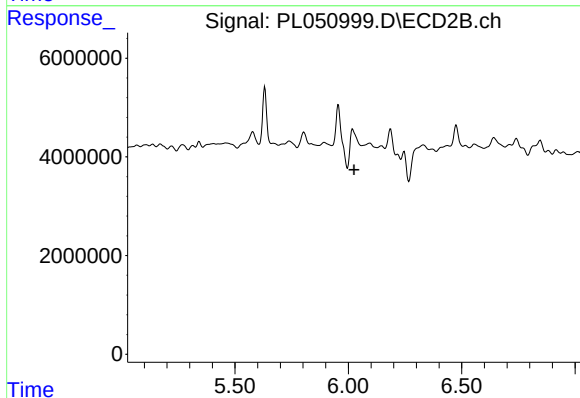
R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 527291  
Conc: 0.15 ng/ml



#10 gamma-Chlordane

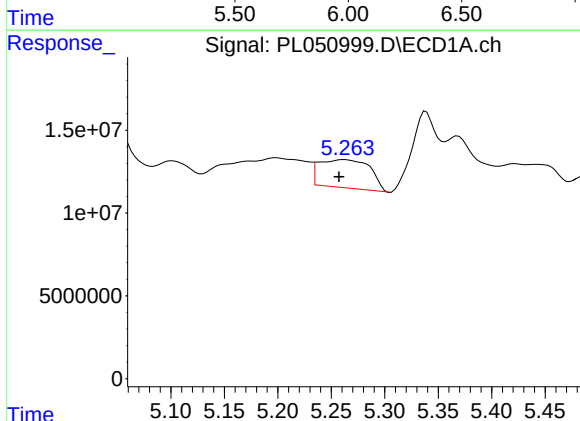
R.T.: 5.199 min  
Delta R.T.: -0.003 min  
Response: 64992338  
Conc: 4.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



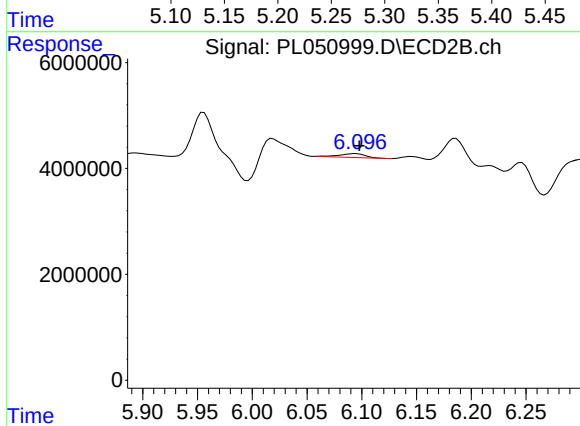
#10 gamma-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.007 min  
Response: -2392296  
Conc: N.D.



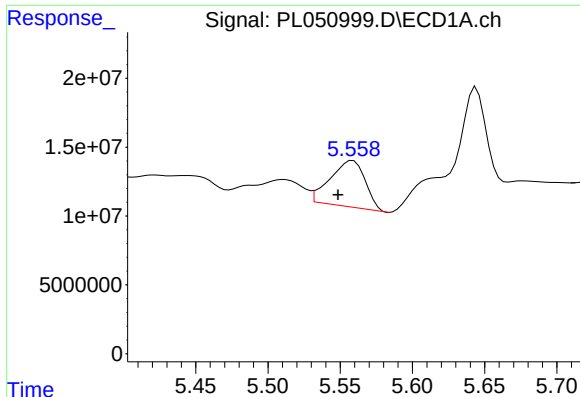
#11 alpha-Chlordane

R.T.: 5.263 min  
Delta R.T.: 0.005 min  
Response: 56255920  
Conc: 3.69 ng/ml



#11 alpha-Chlordane

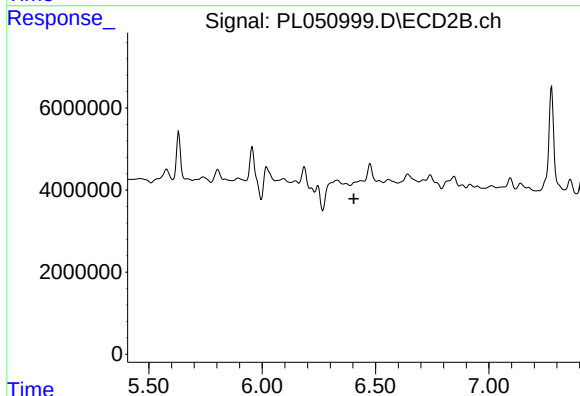
R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 1216634  
Conc: 0.33 ng/ml



#13 Dieldrin

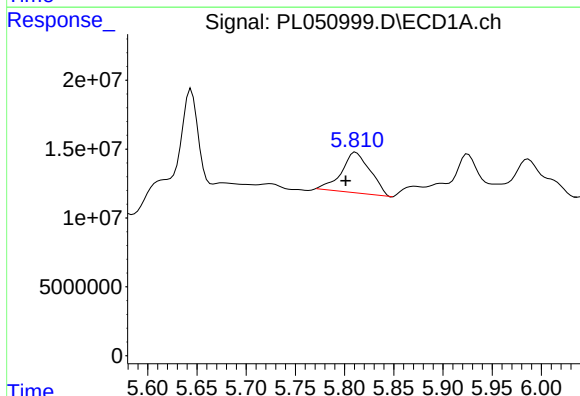
R.T.: 5.559 min  
Delta R.T.: 0.010 min  
Response: 56540286  
Conc: 3.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



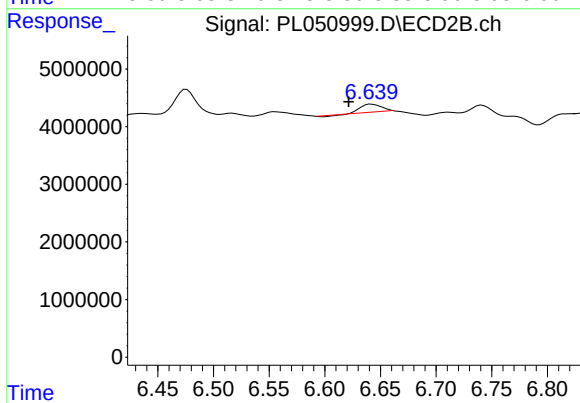
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.404 min  
Response: 0  
Conc: N.D.



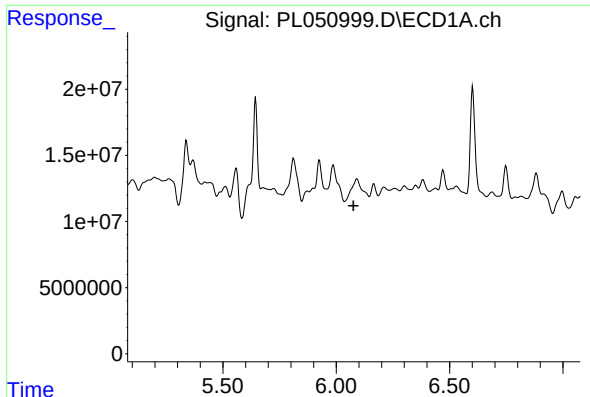
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: 0.010 min  
Response: 60079767  
Conc: 4.08 ng/ml



#14 Endrin

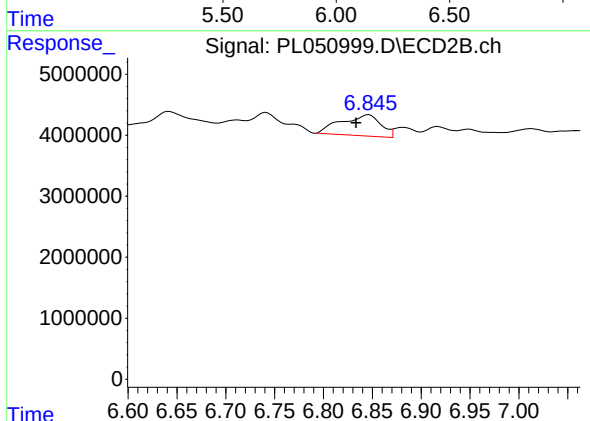
R.T.: 6.642 min  
Delta R.T.: 0.020 min  
Response: 1792279  
Conc: 0.58 ng/ml



#15 Endosulfan II

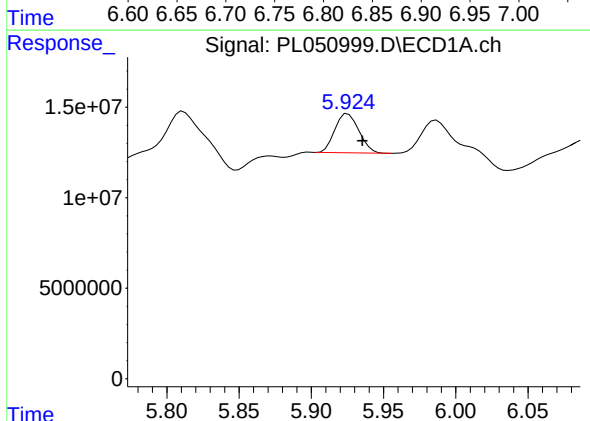
R.T.: 6.091 min  
Delta R.T.: 0.015 min  
Response: -6328232  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



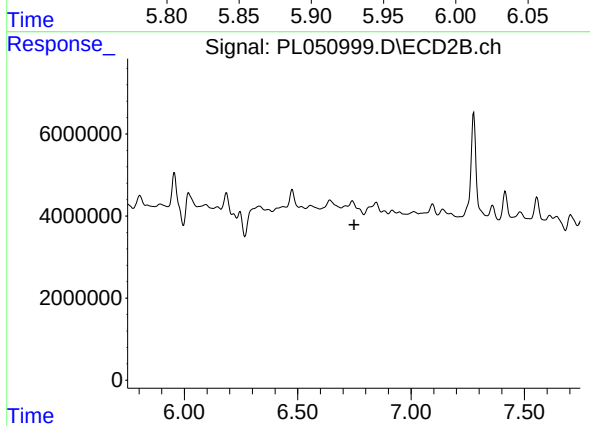
#15 Endosulfan II

R.T.: 6.847 min  
Delta R.T.: 0.013 min  
Response: 9622868  
Conc: 3.03 ng/ml



#16 4,4'-DDD

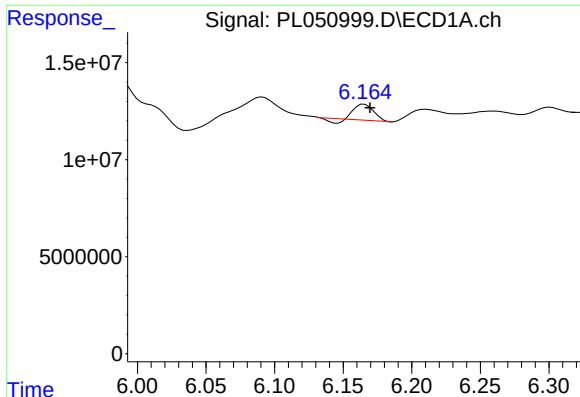
R.T.: 5.925 min  
Delta R.T.: -0.010 min  
Response: 25027998  
Conc: 2.09 ng/ml



#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 6.749 min  
Response: 0  
Conc: N.D.

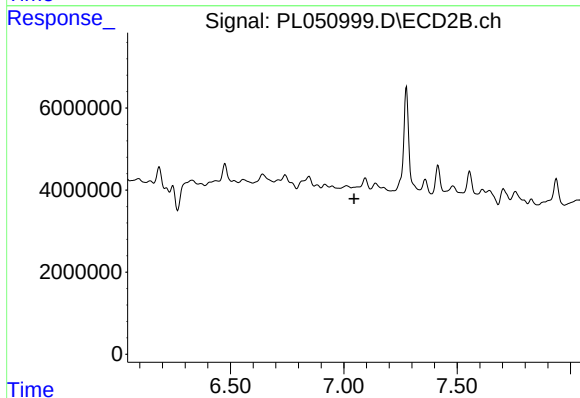




#17 4,4'-DDT

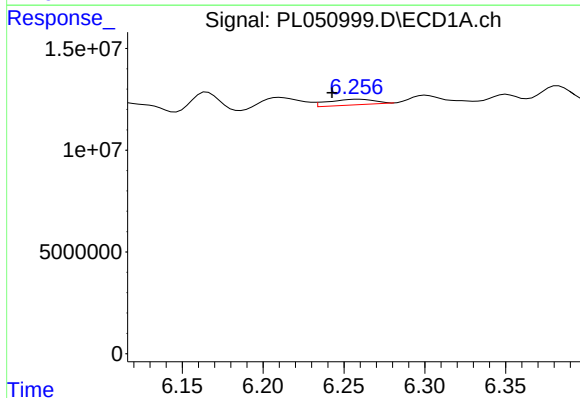
R.T.: 6.165 min  
Delta R.T.: -0.004 min  
Response: 7335944  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



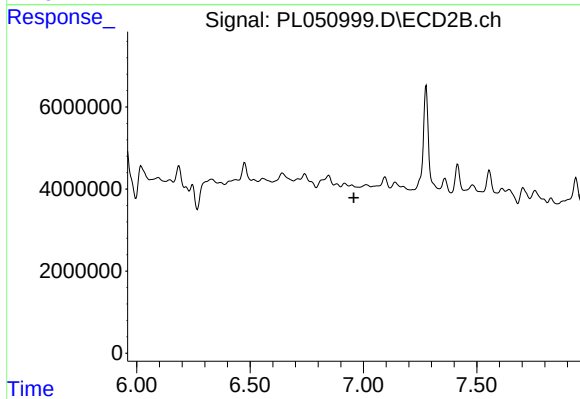
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.046 min  
Response: 0  
Conc: N.D.



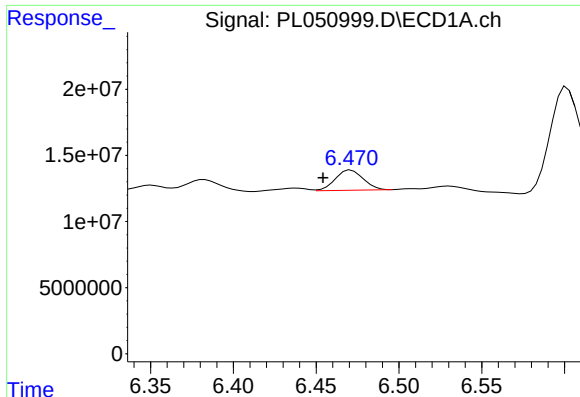
#18 Endrin aldehyde

R.T.: 6.259 min  
Delta R.T.: 0.017 min  
Response: 5696141  
Conc: 0.49 ng/ml



#18 Endrin aldehyde

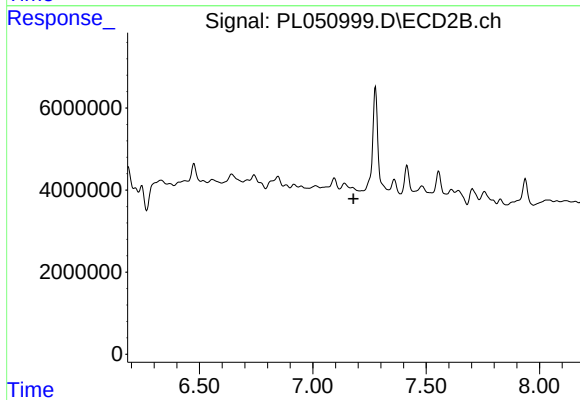
R.T.: 0.000 min  
Exp R.T. : 6.957 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

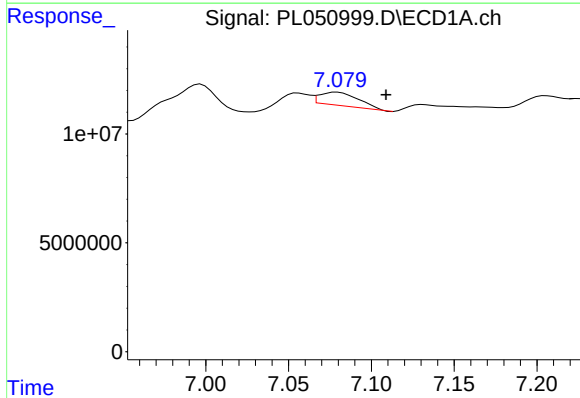
R.T.: 6.471 min  
Delta R.T.: 0.017 min  
Response: 17971405  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



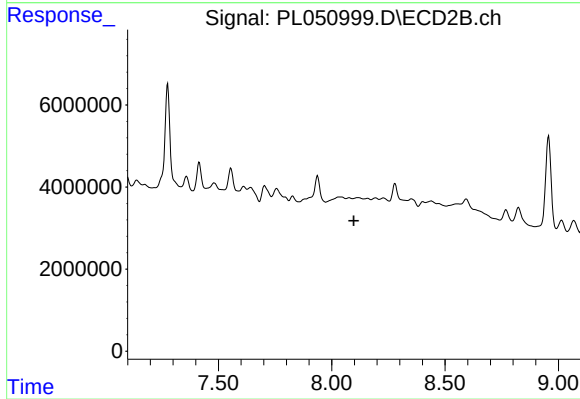
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.180 min  
Response: 0  
Conc: N.D.



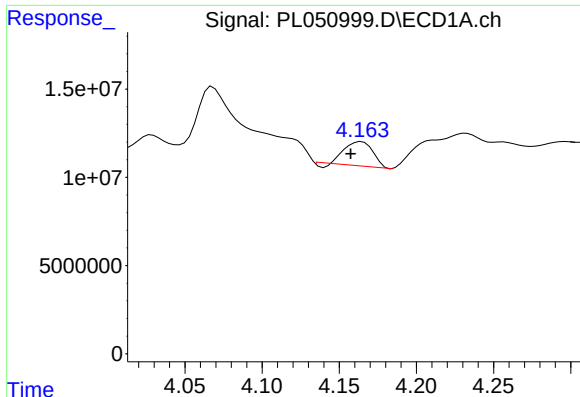
#22 Mirex

R.T.: 7.079 min  
Delta R.T.: -0.030 min  
Response: 9941527  
Conc: 1.01 ng/ml



#22 Mirex

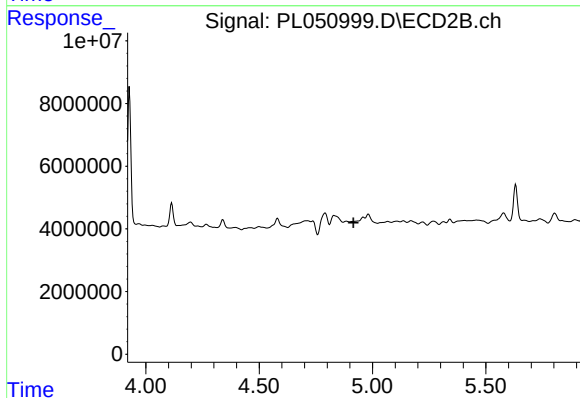
R.T.: 0.000 min  
Exp R.T. : 8.097 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

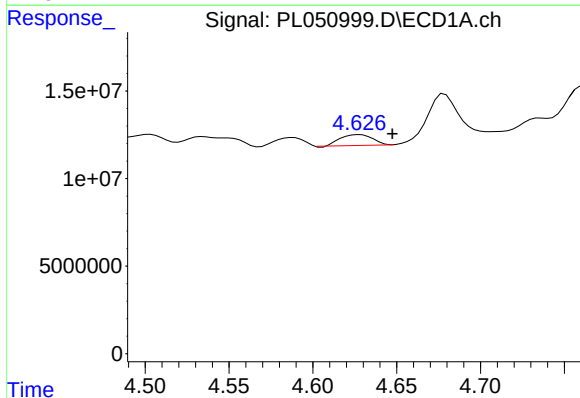
R.T.: 4.165 min  
Delta R.T.: 0.007 min  
Response: 16866965  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



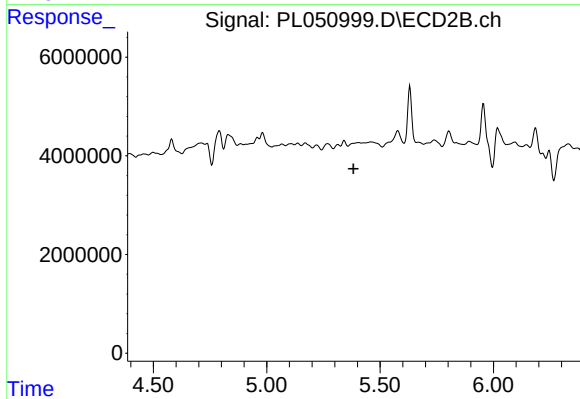
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.916 min  
Response: 0  
Conc: N.D.



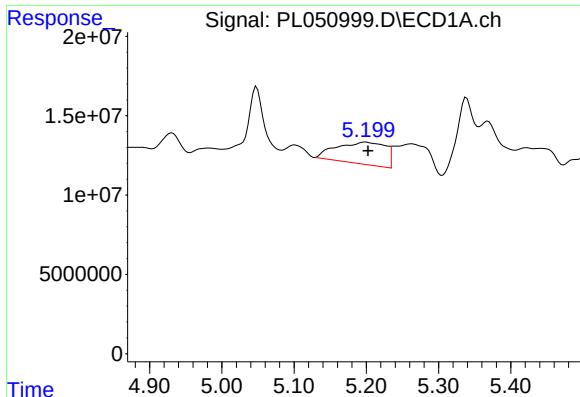
#24 Chlordane-2

R.T.: 4.628 min  
Delta R.T.: -0.019 min  
Response: 8188635  
Conc: 18.29 ng/ml



#24 Chlordane-2

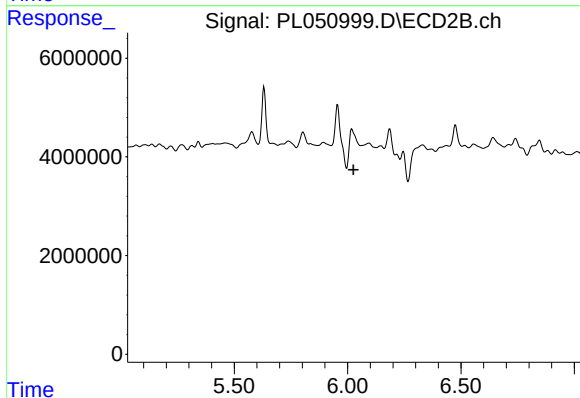
R.T.: 0.000 min  
Exp R.T. : 5.383 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

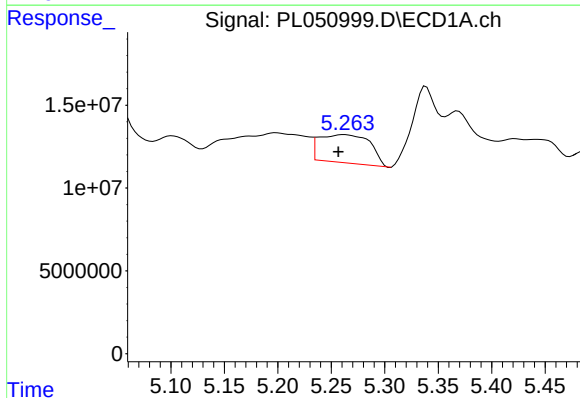
R.T.: 5.199 min  
Delta R.T.: -0.004 min  
Response: 64992338  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



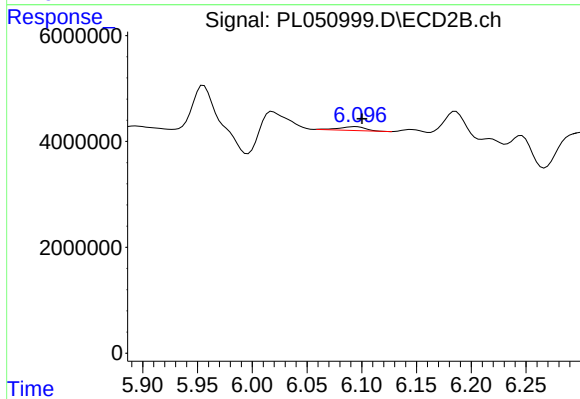
#25 Chlordane-3

R.T.: 6.019 min  
Delta R.T.: -0.008 min  
Response: -2392296  
Conc: N.D.



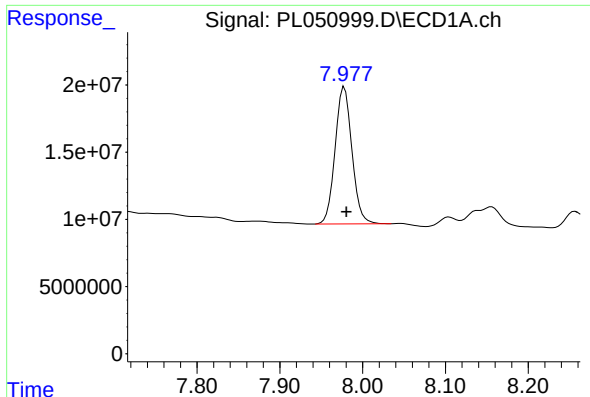
#26 Chlordane-4

R.T.: 5.263 min  
Delta R.T.: 0.006 min  
Response: 56255920  
Conc: 42.65 ng/ml



#26 Chlordane-4

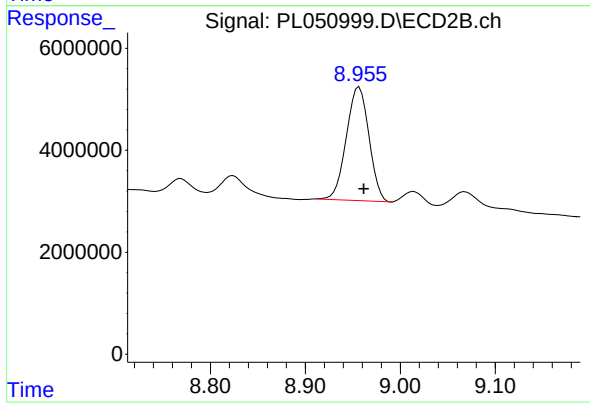
R.T.: 6.095 min  
Delta R.T.: -0.005 min  
Response: 1216634  
Conc: 2.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.978 min  
Delta R.T.: -0.002 min  
Response: 144183582  
Conc: 14.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.005 min  
Response: 36921006  
Conc: 13.06 ng/ml