

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
 Data File : PD055094.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 19:06  
 Operator : SG\AJ  
 Sample : K5028-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFDL6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 04:18:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 24 07:21:19 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 x 0.50µm

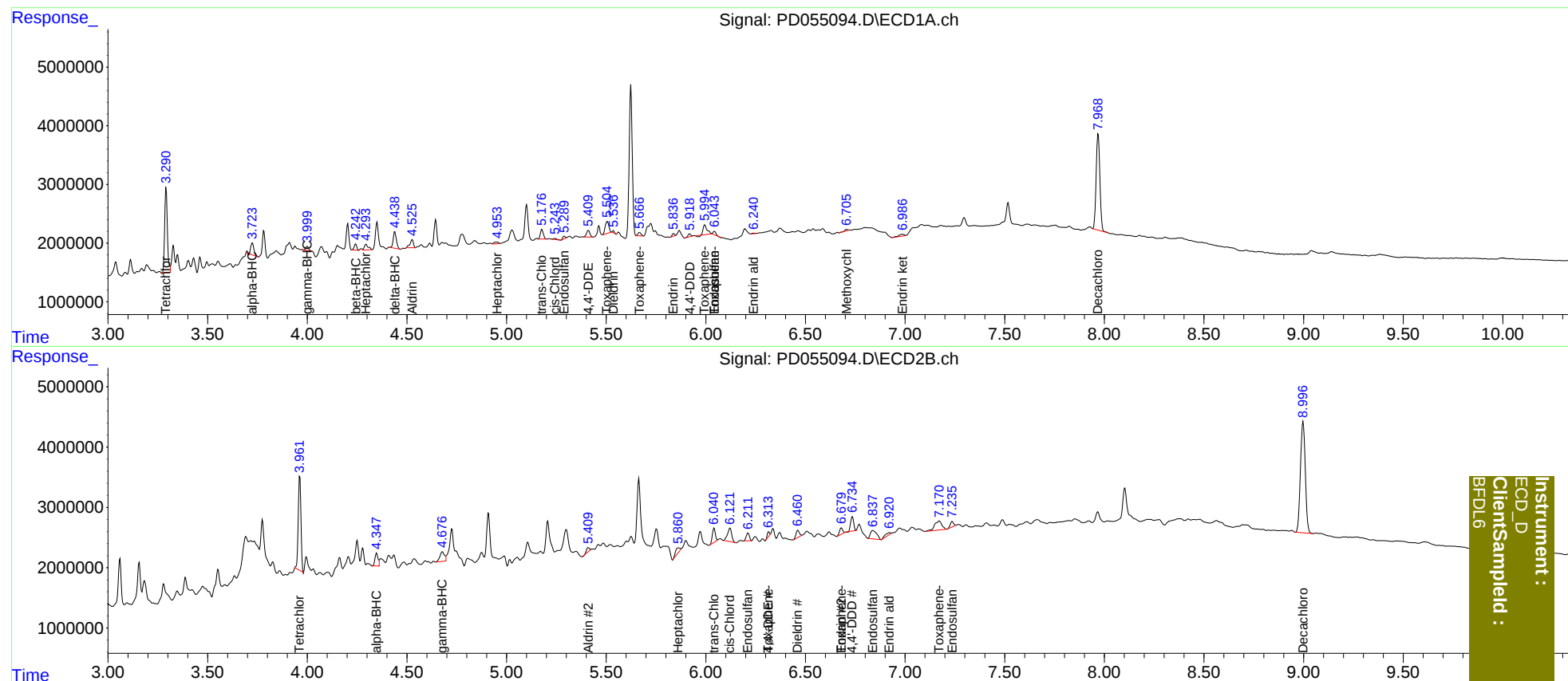
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.292  | 3.963  | 13571497 | 14764572 | 17.839  | 14.388    |
| 27)                         | SA Decachlor... | 7.969  | 8.998  | 21425154 | 31331195 | 25.428  | 26.892    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.725  | 4.348  | 2217836  | 2169019  | 1.997   | 1.505     |
| 3)                          | MA gamma-BHC... | 4.000  | 4.678f | 678179   | 2524327  | 0.632   | 1.803 #   |
| 4)                          | MA Heptachlor   | 4.295  | 0.000  | 1318719  | 0        | 1.426   | N.D. #    |
| 5)                          | MB Aldrin       | 4.527  | 5.410f | 1675172  | 600181   | 1.721   | 0.454 #   |
| 6)                          | B beta-BHC      | 4.243  | 0.000  | 923166   | 0        | 1.973   | N.D. #    |
| 7)                          | B delta-BHC     | 4.440  | 0.000  | 3151148  | 0        | 2.944   | N.D. #    |
| 8)                          | B Heptachlo...  | 4.954  | 5.862  | 479300   | 1195434  | 0.522   | 0.909 #   |
| 9)                          | A Endosulfan I  | 5.290  | 6.212  | 372483   | 1436826  | 0.420   | 1.139 #   |
| 10)                         | B trans-Chl...  | 5.178  | 6.042  | 1713178  | 2397461  | 1.814   | 1.769     |
| 11)                         | B cis-Chlor...  | 5.244  | 6.122  | 244452   | 3309702  | 0.267   | 2.513 #   |
| 12)                         | B 4,4'-DDE      | 5.411  | 6.316  | 1333480  | 558271   | 1.486   | 0.431 #   |
| 13)                         | MA Dieldrin     | 5.537  | 6.462  | 262025   | 1390129  | 0.266   | 0.996 #   |
| 14)                         | MA Endrin       | 5.839f | 6.681  | 355700   | 1143983  | 0.428   | 1.039 #   |
| 15)                         | B Endosulfa...  | 6.043  | 6.838  | 589264   | 3085173  | 0.676   | 2.426 #   |
| 16)                         | A 4,4'-DDD      | 5.920  | 6.736f | 445206   | 2529058  | 0.614   | 2.330 #   |
| 18)                         | B Endrin al...  | 6.241  | 6.922f | 81670    | 717851   | 0.112   | 0.693 #   |
| 19)                         | B Endosulfa...  | 6.437  | 7.237  | 80308    | 1015718  | <MDL    | 0.855 #   |
| 20)                         | A Methoxychlor  | 6.707  | 0.000  | 235566   | 0        | 0.664   | N.D. #    |
| 21)                         | B Endrin ke...  | 6.988f | 0.000  | 625820   | 0        | 0.693   | N.D. #    |
| 22)                         | Toxaphene-1     | 5.506  | 6.316  | 2554938  | 558271   | 456.708 | 84.982 #  |
| 23)                         | Toxaphene-2     | 5.667  | 6.681  | 629792   | 1143983  | 108.668 | 135.352   |
| 24)                         | Toxaphene-3     | 5.995  | 0.000  | 2117225  | 0        | 423.817 | N.D. #    |
| 25)                         | Toxaphene-4     | 6.043  | 7.172  | 589264   | 3804812  | 38.961  | 112.977 # |
| -----                       |                 |        |        |          |          |         |           |

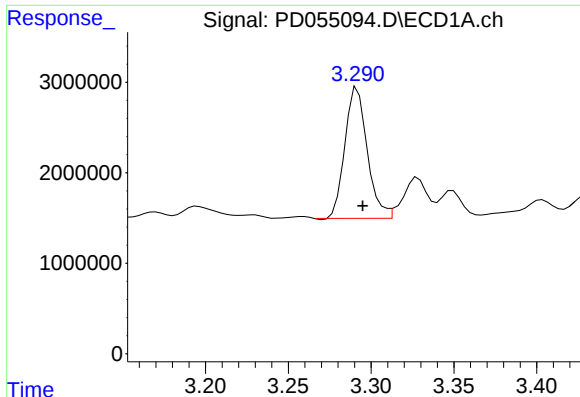
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100119\  
Data File : PD055094.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 19:06  
Operator : SG\AJ  
Sample : K5028-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 04:18:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092319CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 24 07:21:19 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 x 0.50µm

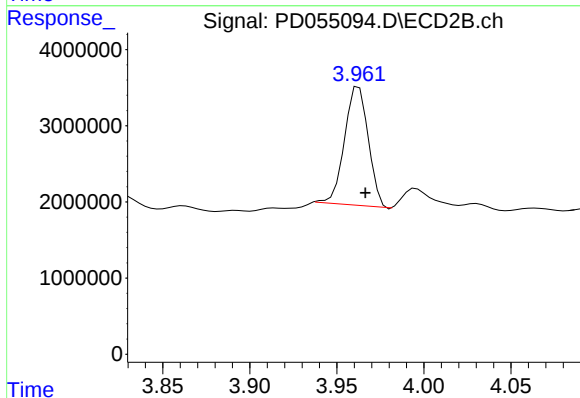




#1 Tetrachloro-m-xylene

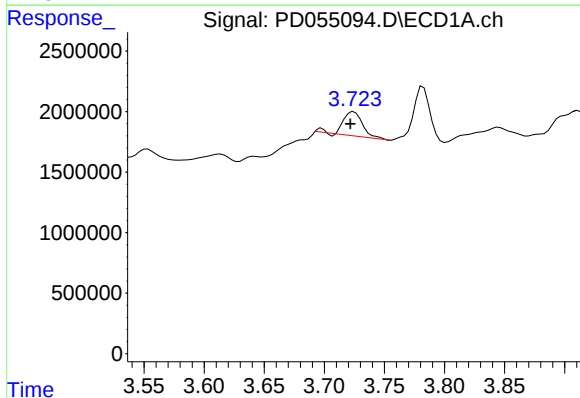
R.T.: 3.292 min  
Delta R.T.: -0.003 min  
Response: 13571497  
Conc: 17.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



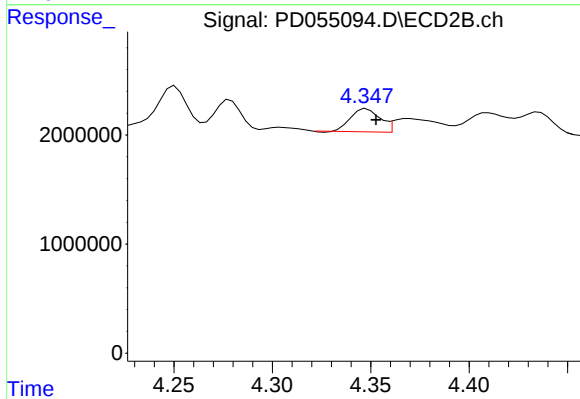
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: -0.004 min  
Response: 14764572  
Conc: 14.39 ng/ml



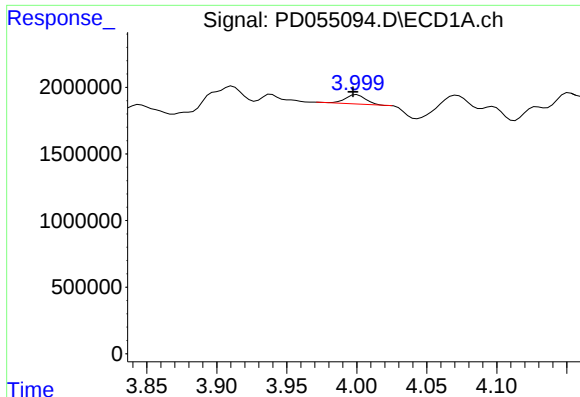
#2 alpha-BHC

R.T.: 3.725 min  
Delta R.T.: 0.003 min  
Response: 2217836  
Conc: 2.00 ng/ml



#2 alpha-BHC

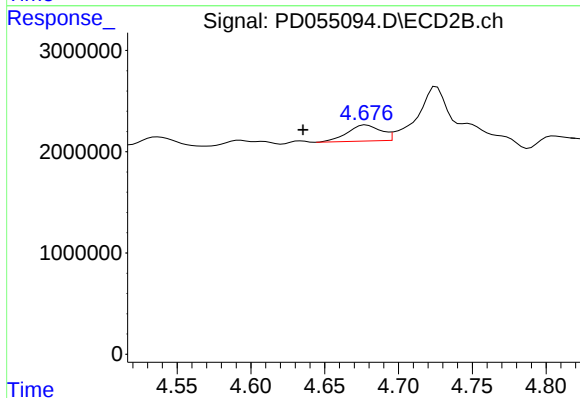
R.T.: 4.348 min  
Delta R.T.: -0.005 min  
Response: 2169019  
Conc: 1.50 ng/ml



#3 gamma-BHC (Lindane)

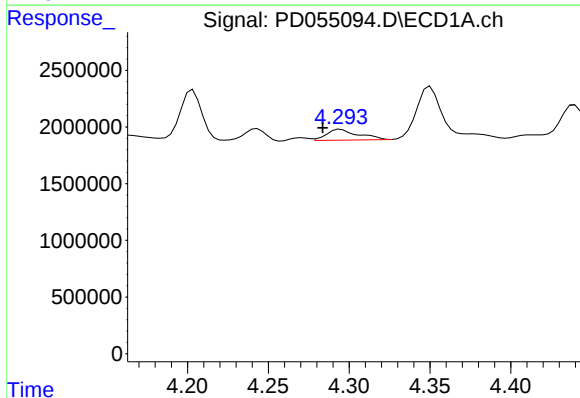
R.T.: 4.000 min  
Delta R.T.: 0.003 min  
Response: 678179  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



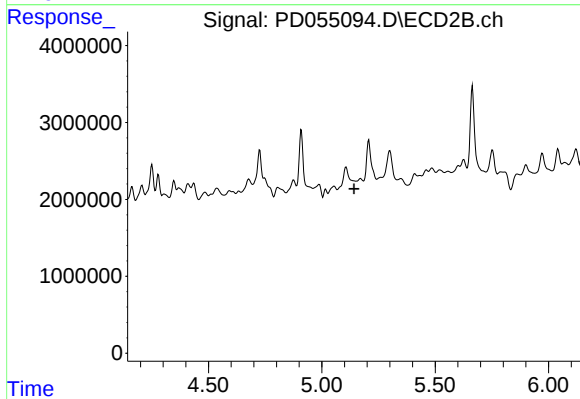
#3 gamma-BHC (Lindane)

R.T.: 4.678 min  
Delta R.T.: 0.043 min  
Response: 2524327  
Conc: 1.80 ng/ml



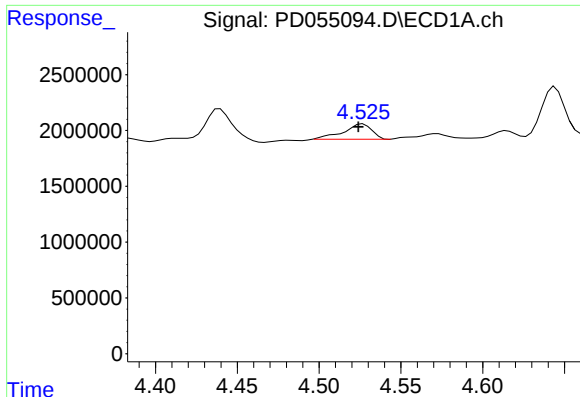
#4 Heptachlor

R.T.: 4.295 min  
Delta R.T.: 0.011 min  
Response: 1318719  
Conc: 1.43 ng/ml



#4 Heptachlor

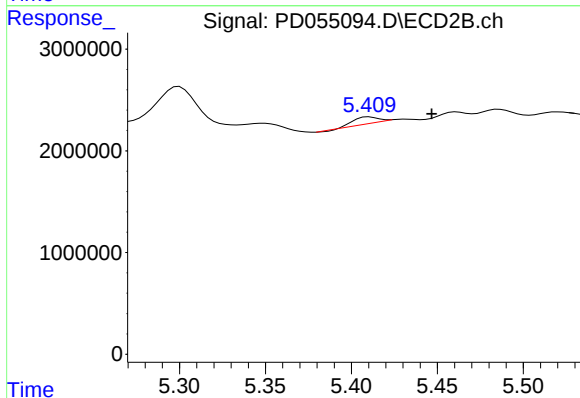
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.



#5 Aldrin

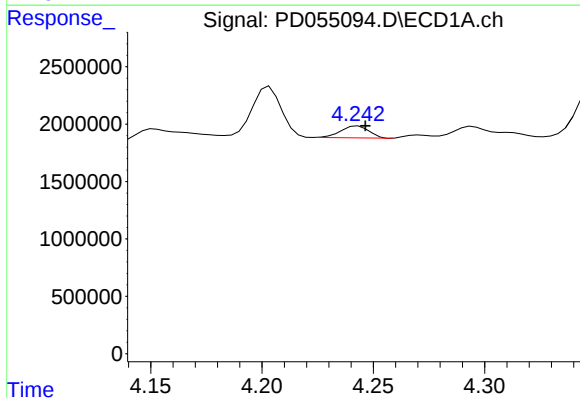
R.T.: 4.527 min  
Delta R.T.: 0.003 min  
Response: 1675172  
Conc: 1.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



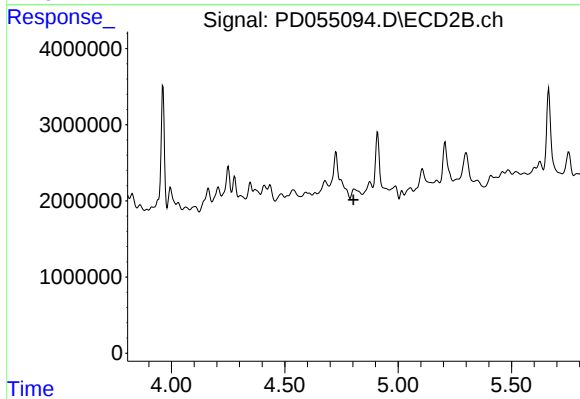
#5 Aldrin

R.T.: 5.410 min  
Delta R.T.: -0.036 min  
Response: 600181  
Conc: 0.45 ng/ml



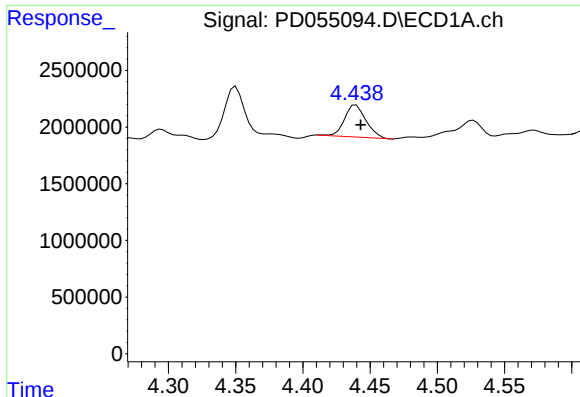
#6 beta-BHC

R.T.: 4.243 min  
Delta R.T.: -0.003 min  
Response: 923166  
Conc: 1.97 ng/ml



#6 beta-BHC

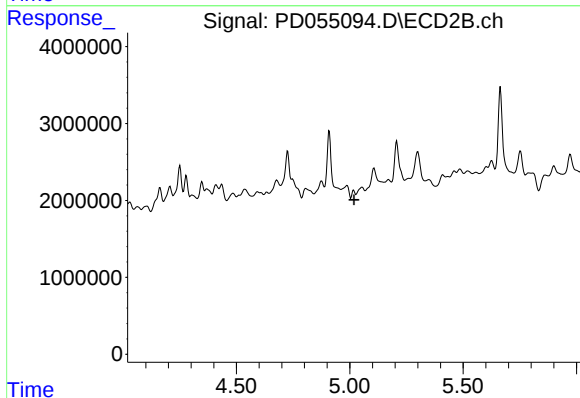
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

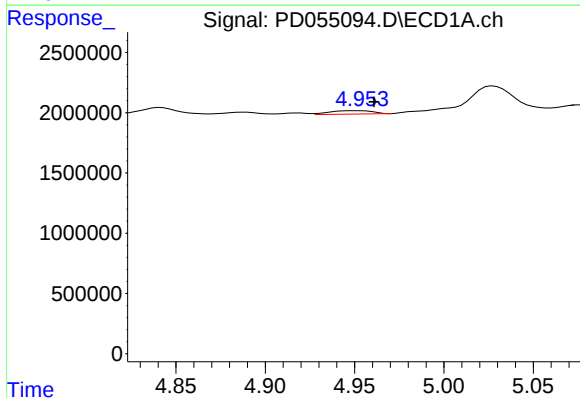
R.T.: 4.440 min  
Delta R.T.: -0.004 min  
Response: 3151148  
Conc: 2.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



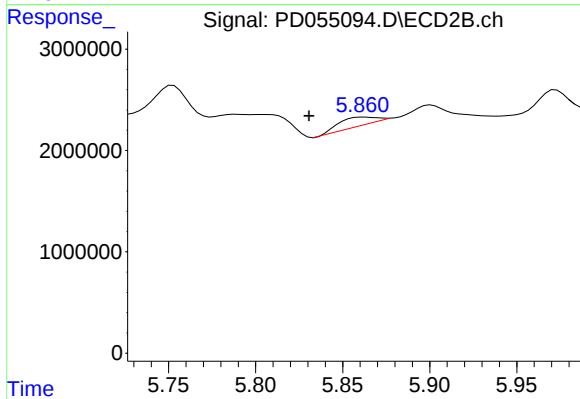
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.019 min  
Response: 0  
Conc: N.D.



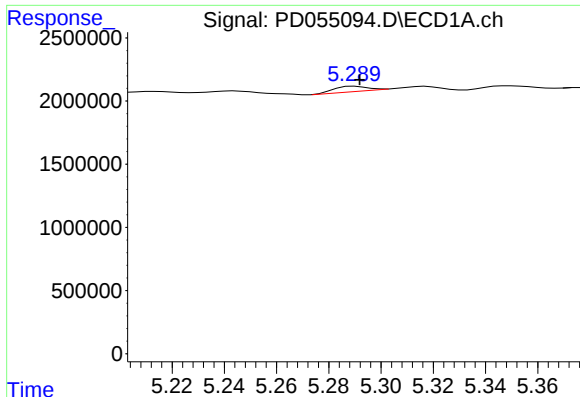
#8 Heptachlor epoxide

R.T.: 4.954 min  
Delta R.T.: -0.007 min  
Response: 479300  
Conc: 0.52 ng/ml



#8 Heptachlor epoxide

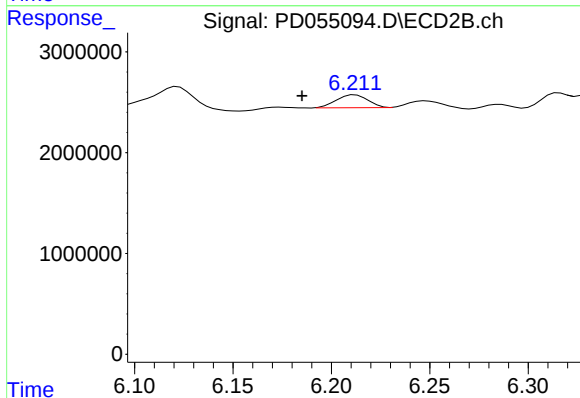
R.T.: 5.862 min  
Delta R.T.: 0.032 min  
Response: 1195434  
Conc: 0.91 ng/ml



#9 Endosulfan I

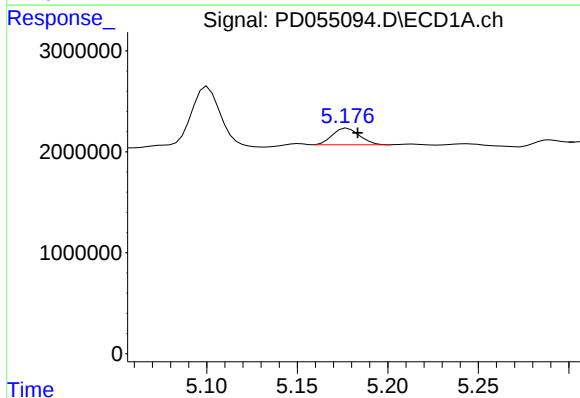
R.T.: 5.290 min  
Delta R.T.: -0.002 min  
Response: 372483  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



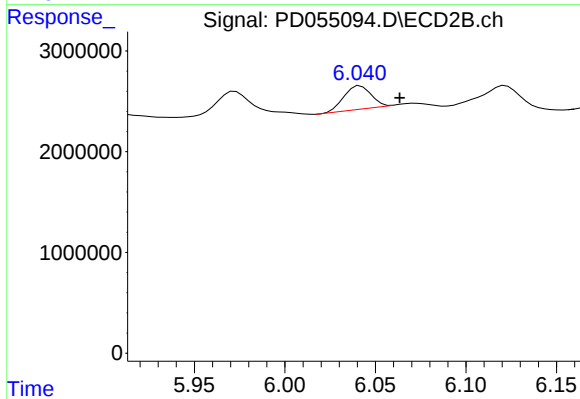
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.027 min  
Response: 1436826  
Conc: 1.14 ng/ml



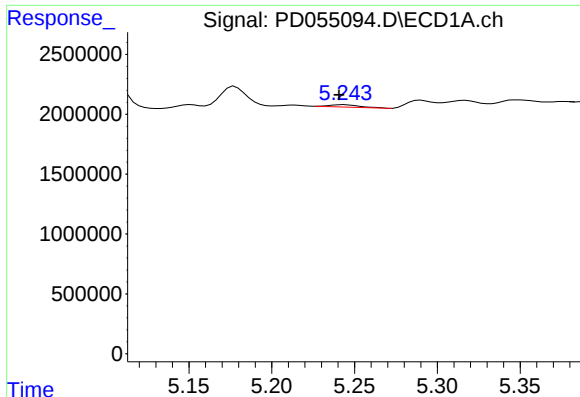
#10 trans-Chlordane

R.T.: 5.178 min  
Delta R.T.: -0.006 min  
Response: 1713178  
Conc: 1.81 ng/ml



#10 trans-Chlordane

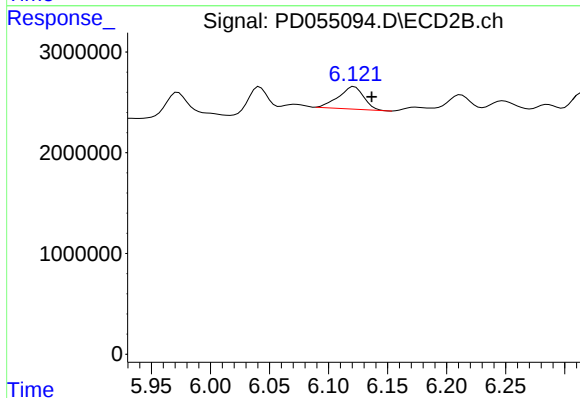
R.T.: 6.042 min  
Delta R.T.: -0.022 min  
Response: 2397461  
Conc: 1.77 ng/ml



#11 cis-Chlordane

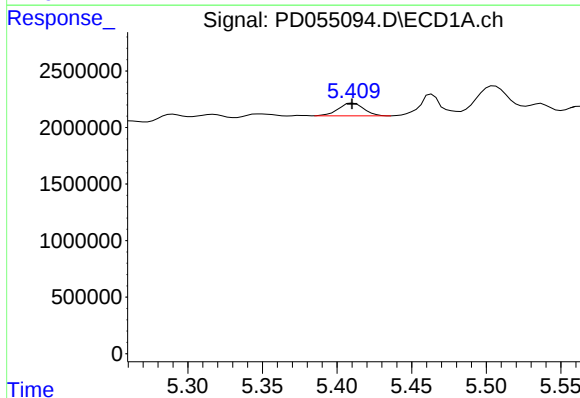
R.T.: 5.244 min  
Delta R.T.: 0.003 min  
Response: 244452  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



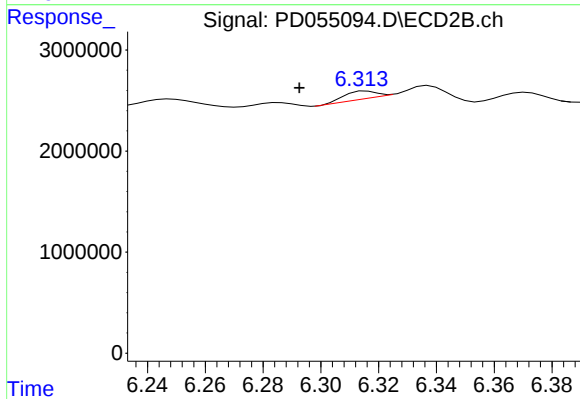
#11 cis-Chlordane

R.T.: 6.122 min  
Delta R.T.: -0.015 min  
Response: 3309702  
Conc: 2.51 ng/ml



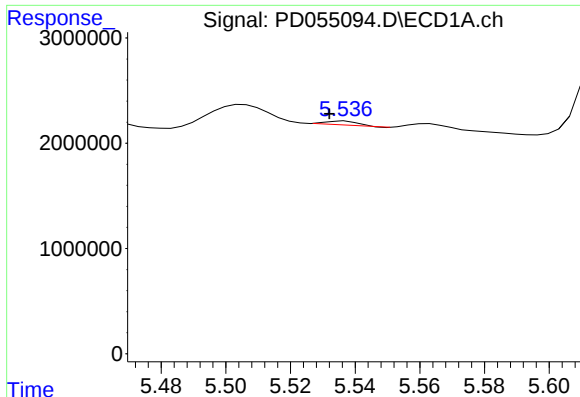
#12 4,4'-DDE

R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 1333480  
Conc: 1.49 ng/ml



#12 4,4'-DDE

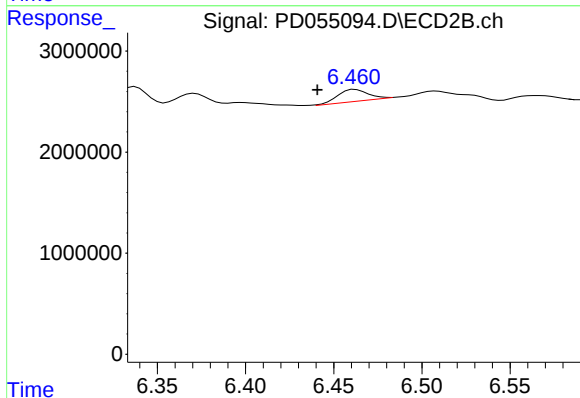
R.T.: 6.316 min  
Delta R.T.: 0.023 min  
Response: 558271  
Conc: 0.43 ng/ml



#13 Dieldrin

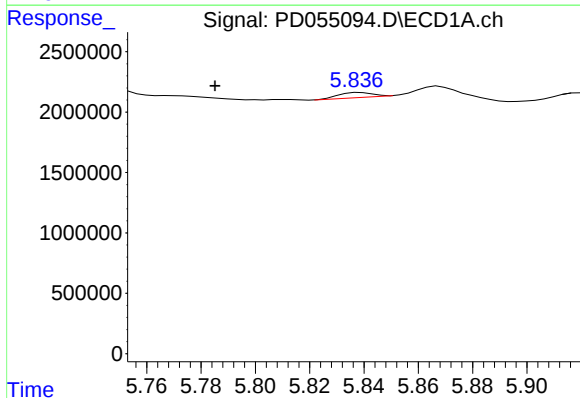
R.T.: 5.537 min  
Delta R.T.: 0.005 min  
Response: 262025  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



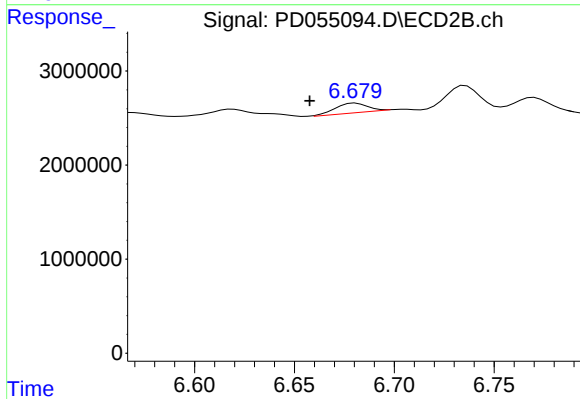
#13 Dieldrin

R.T.: 6.462 min  
Delta R.T.: 0.022 min  
Response: 1390129  
Conc: 1.00 ng/ml



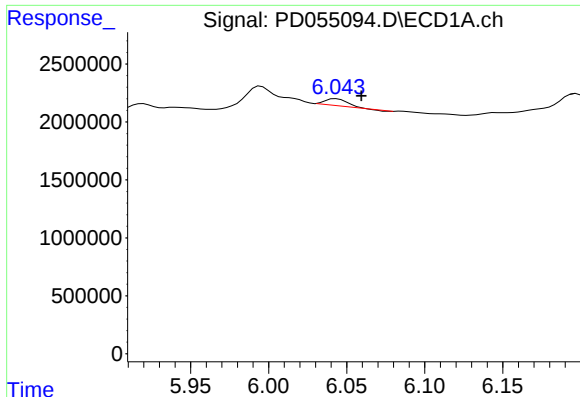
#14 Endrin

R.T.: 5.839 min  
Delta R.T.: 0.054 min  
Response: 355700  
Conc: 0.43 ng/ml



#14 Endrin

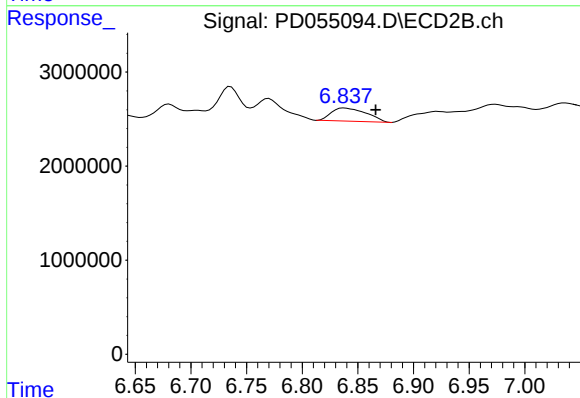
R.T.: 6.681 min  
Delta R.T.: 0.023 min  
Response: 1143983  
Conc: 1.04 ng/ml



#15 Endosulfan II

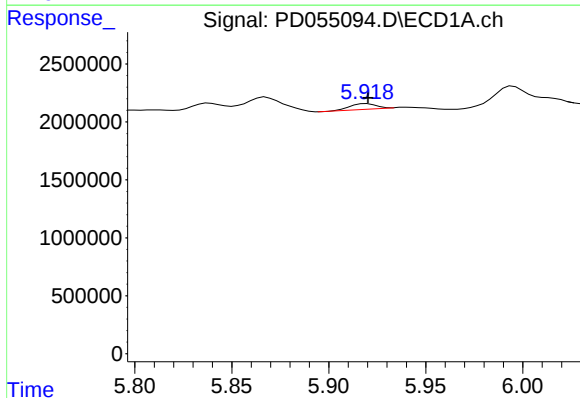
R.T.: 6.043 min  
Delta R.T.: -0.016 min  
Response: 589264  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



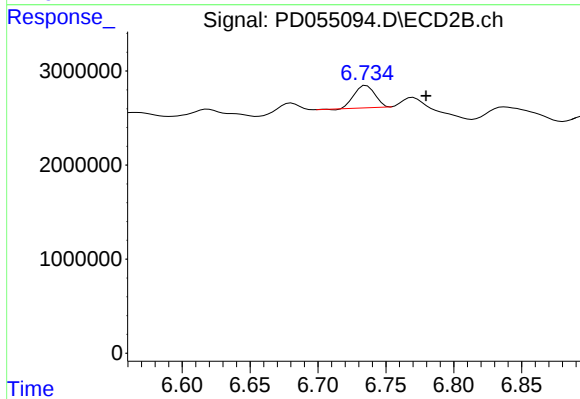
#15 Endosulfan II

R.T.: 6.838 min  
Delta R.T.: -0.028 min  
Response: 3085173  
Conc: 2.43 ng/ml



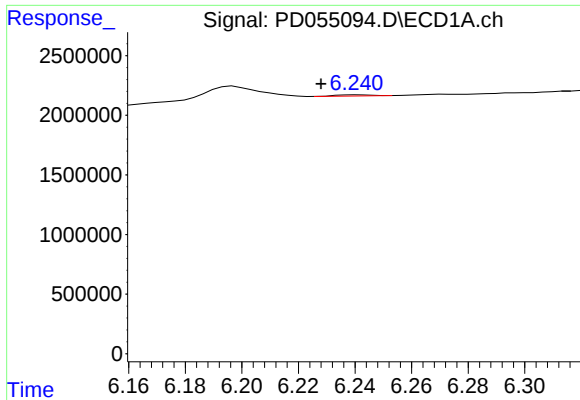
#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 445206  
Conc: 0.61 ng/ml



#16 4,4'-DDD

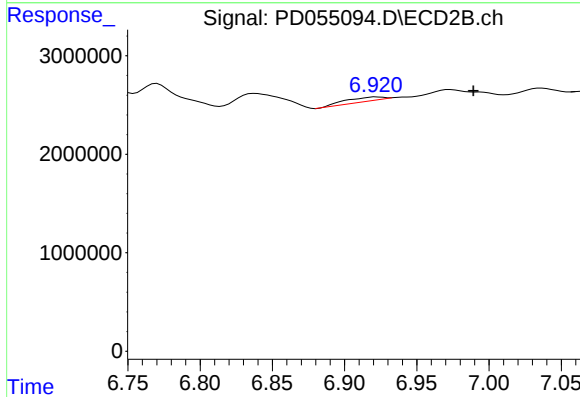
R.T.: 6.736 min  
Delta R.T.: -0.044 min  
Response: 2529058  
Conc: 2.33 ng/ml



#18 Endrin aldehyde

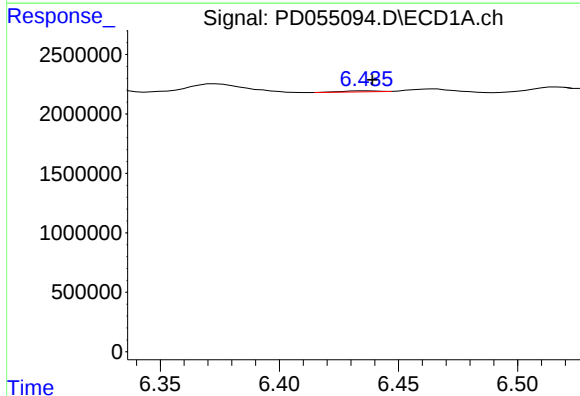
R.T.: 6.241 min  
Delta R.T.: 0.013 min  
Response: 81670  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



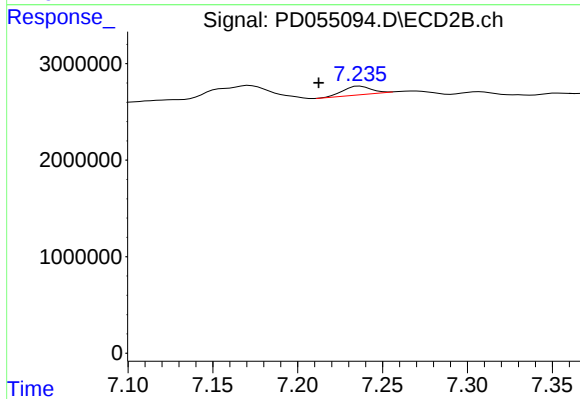
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: -0.067 min  
Response: 717851  
Conc: 0.69 ng/ml



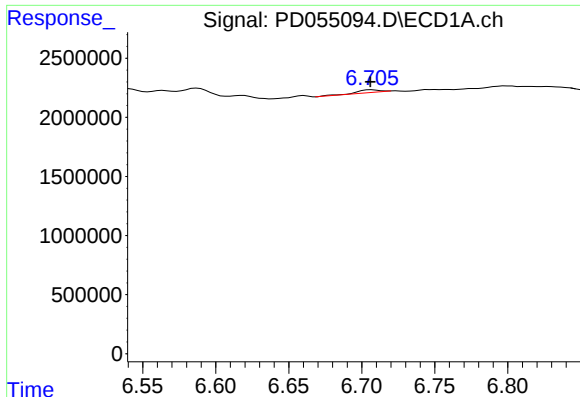
#19 Endosulfan Sulfate

R.T.: 6.437 min  
Delta R.T.: -0.002 min  
Response: 80308  
Conc: N.D.



#19 Endosulfan Sulfate

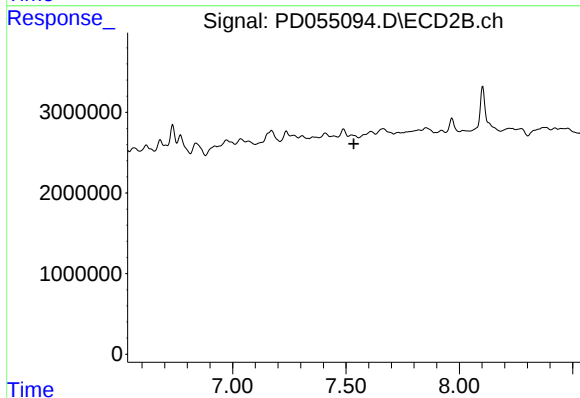
R.T.: 7.237 min  
Delta R.T.: 0.024 min  
Response: 1015718  
Conc: 0.86 ng/ml



#20 Methoxychlor

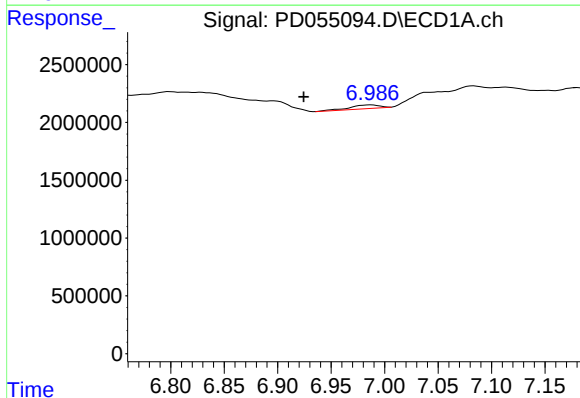
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 235566  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



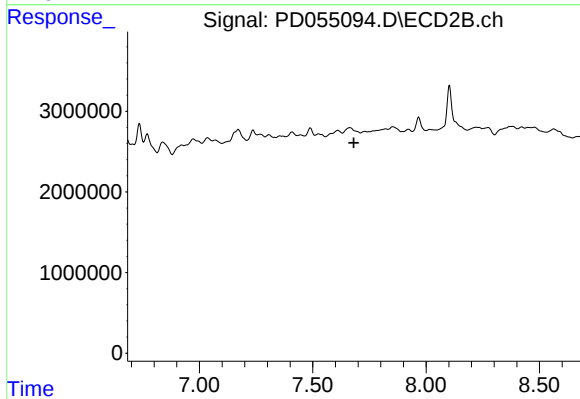
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.535 min  
Response: 0  
Conc: N.D.



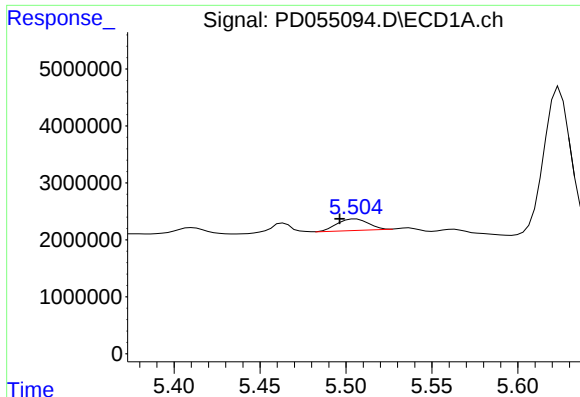
#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: 0.064 min  
Response: 625820  
Conc: 0.69 ng/ml



#21 Endrin ketone

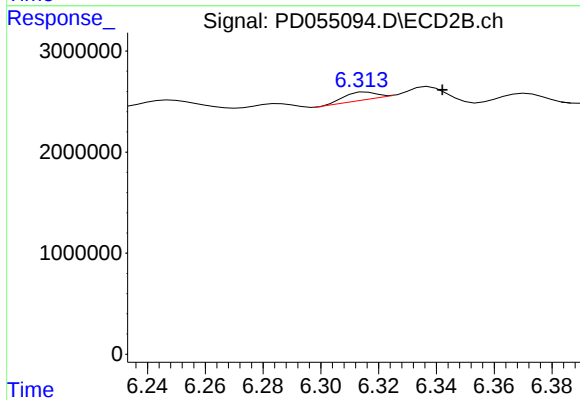
R.T.: 0.000 min  
Exp R.T. : 7.681 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

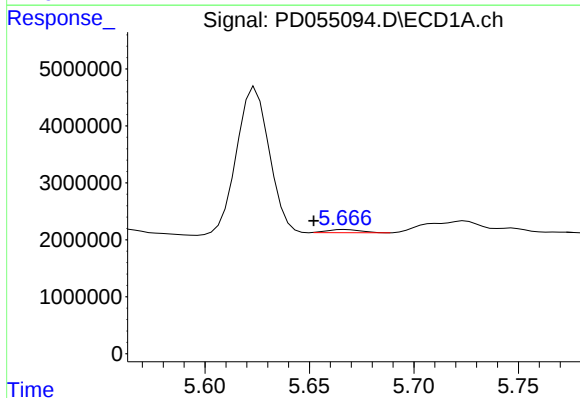
R.T.: 5.506 min  
Delta R.T.: 0.009 min  
Response: 2554938  
Conc: 456.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



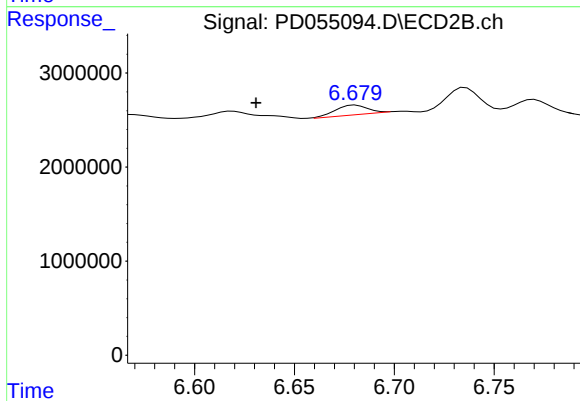
#22 Toxaphene-1

R.T.: 6.316 min  
Delta R.T.: -0.026 min  
Response: 558271  
Conc: 84.98 ng/ml



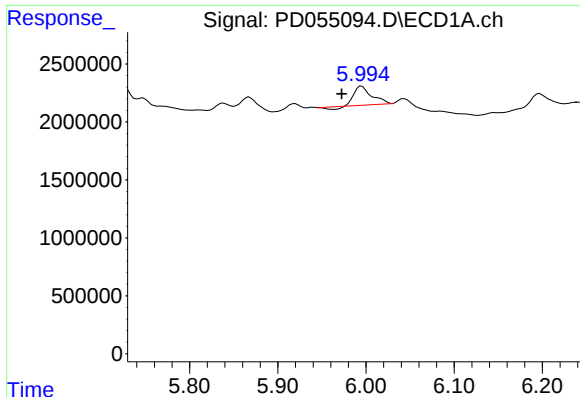
#23 Toxaphene-2

R.T.: 5.667 min  
Delta R.T.: 0.015 min  
Response: 629792  
Conc: 108.67 ng/ml



#23 Toxaphene-2

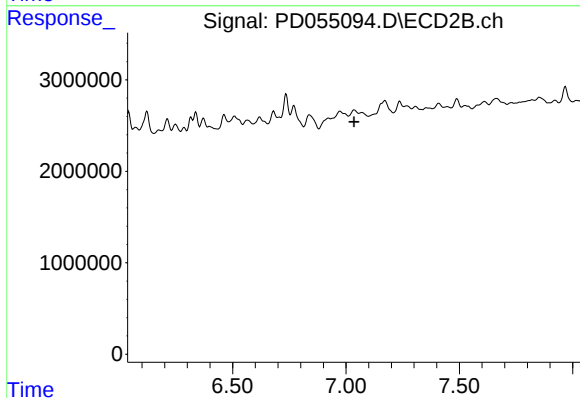
R.T.: 6.681 min  
Delta R.T.: 0.050 min  
Response: 1143983  
Conc: 135.35 ng/ml



#24 Toxaphene-3

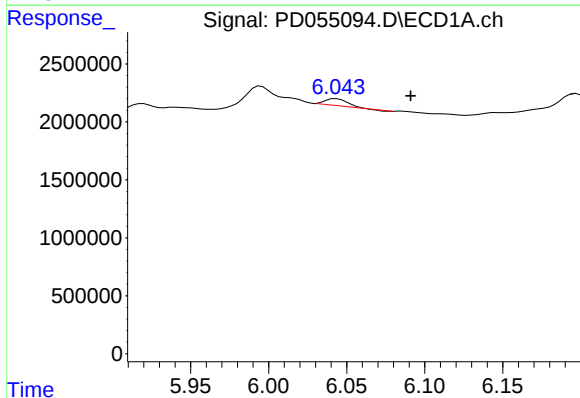
R.T.: 5.995 min  
Delta R.T.: 0.023 min  
Response: 2117225  
Conc: 423.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



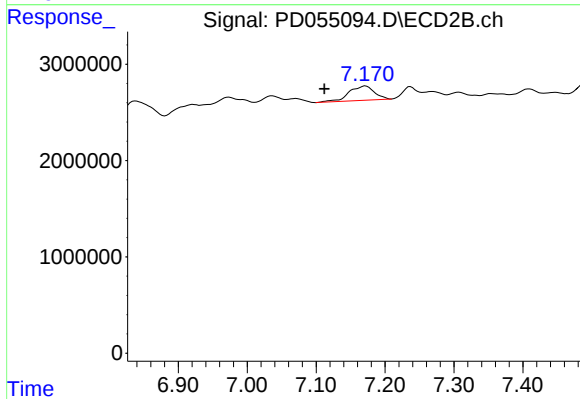
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T.: 7.036 min  
Response: 0  
Conc: N.D.



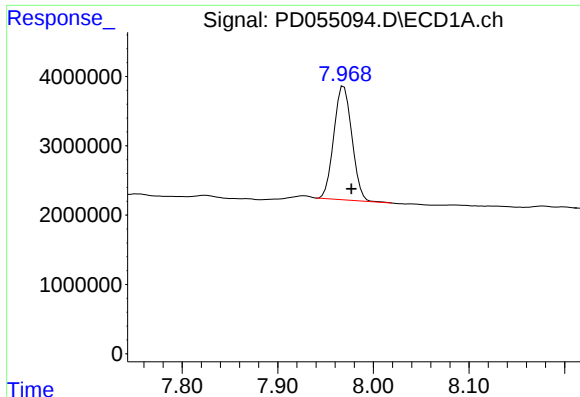
#25 Toxaphene-4

R.T.: 6.043 min  
Delta R.T.: -0.048 min  
Response: 589264  
Conc: 38.96 ng/ml



#25 Toxaphene-4

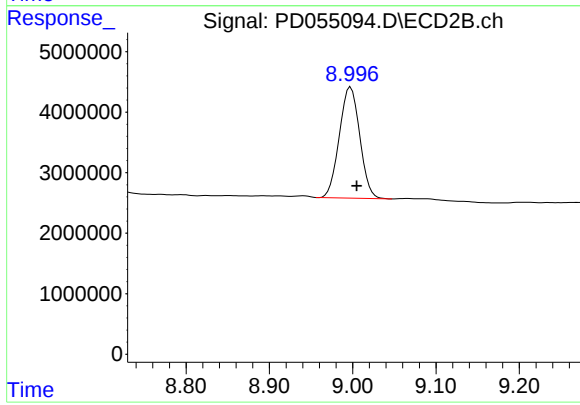
R.T.: 7.172 min  
Delta R.T.: 0.060 min  
Response: 3804812  
Conc: 112.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.969 min  
Delta R.T.: -0.008 min  
Response: 21425154  
Conc: 25.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFDL6



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: -0.007 min  
Response: 31331195  
Conc: 26.89 ng/ml