

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091321\  
 Data File : PD065696.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2021 18:12  
 Operator : AR\AJ  
 Sample : M3711-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 02:19:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 09 15:08:21 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.495  | 4.013  | 14367369 | 100.4E6  | 14.660 | 13.703   |
| 28)                         | SA Decachlor... | 8.238  | 9.085  | 16199725 | 48105735 | 9.396  | 9.015    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.434f | 0        | 30710802 | N.D.   | 2.903 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.699  | 0        | 91522038 | N.D.   | 9.288 #  |
| 4)                          | MA Heptachlor   | 4.521  | 5.186  | 1841905  | 30513345 | 1.214  | 3.356 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.511  | 0        | 4851976  | N.D.   | 0.575 #  |
| 6)                          | B beta-BHC      | 4.461  | 4.854f | 4584780  | 25364777 | 0.476  | 5.449 #  |
| 7)                          | B delta-BHC     | 4.639f | 5.109f | 2214959  | 2746086  | 1.485  | 0.295 #  |
| 8)                          | B Heptachlo...  | 5.209  | 5.900  | 321629   | 11629206 | 0.221  | 1.615 #  |
| 9)                          | A Endosulfan I  | 5.554  | 6.258  | 4284823  | 2127867  | 3.023  | 0.302 #  |
| 11)                         | B alpha-Chl...  | 5.484  | 6.202  | 1855747  | 9726364  | 1.233  | 1.321    |
| 12)                         | B 4,4'-DDE      | 5.652  | 6.366  | 1855794  | -1529649 | 1.301  | N.D. #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.482f | 0        | 33730618 | N.D.   | 4.471 #  |
| 14)                         | MA Endrin       | 6.050  | 6.720  | 1398304  | -1039481 | 1.017  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.322  | 6.941  | -391527  | 8011245  | N.D.   | 1.250    |
| 16)                         | A 4,4'-DDD      | 6.166  | 6.850  | 1342219  | 24787468 | 1.053  | 3.971 #  |
| 17)                         | MA 4,4'-DDT     | 6.412  | 7.164  | 6934854  | 27872987 | 5.038  | 4.576    |
| 18)                         | B Endrin al...  | 6.478  | 7.053  | 2287417  | 4772189  | 1.814  | 0.873 #  |
| 19)                         | B Endosulfa...  | 6.700  | 7.280  | 27023724 | 34592249 | 17.489 | 5.411 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.748f | 0        | 43194733 | N.D.   | 5.710 #  |
| 22)                         | Mirex           | 7.397f | 8.190f | 7927687  | 7064486  | 5.057  | 1.336 #  |
| 23)                         | Chlordane-1     | 0.000  | 5.003  | 0        | 15887926 | N.D.   | 54.476 # |
| 24)                         | Chlordane-2     | 4.868  | 5.469  | 1731575  | 1411149  | 33.333 | 5.014 #  |
| 26)                         | Chlordane-4     | 5.484  | 6.202  | 1855747  | 9726364  | 14.979 | 8.059 #  |
| 27)                         | Chlordane-5     | 6.322  | 7.015  | -391527  | 2555283  | N.D.   | 10.896   |
| -----                       |                 |        |        |          |          |        |          |

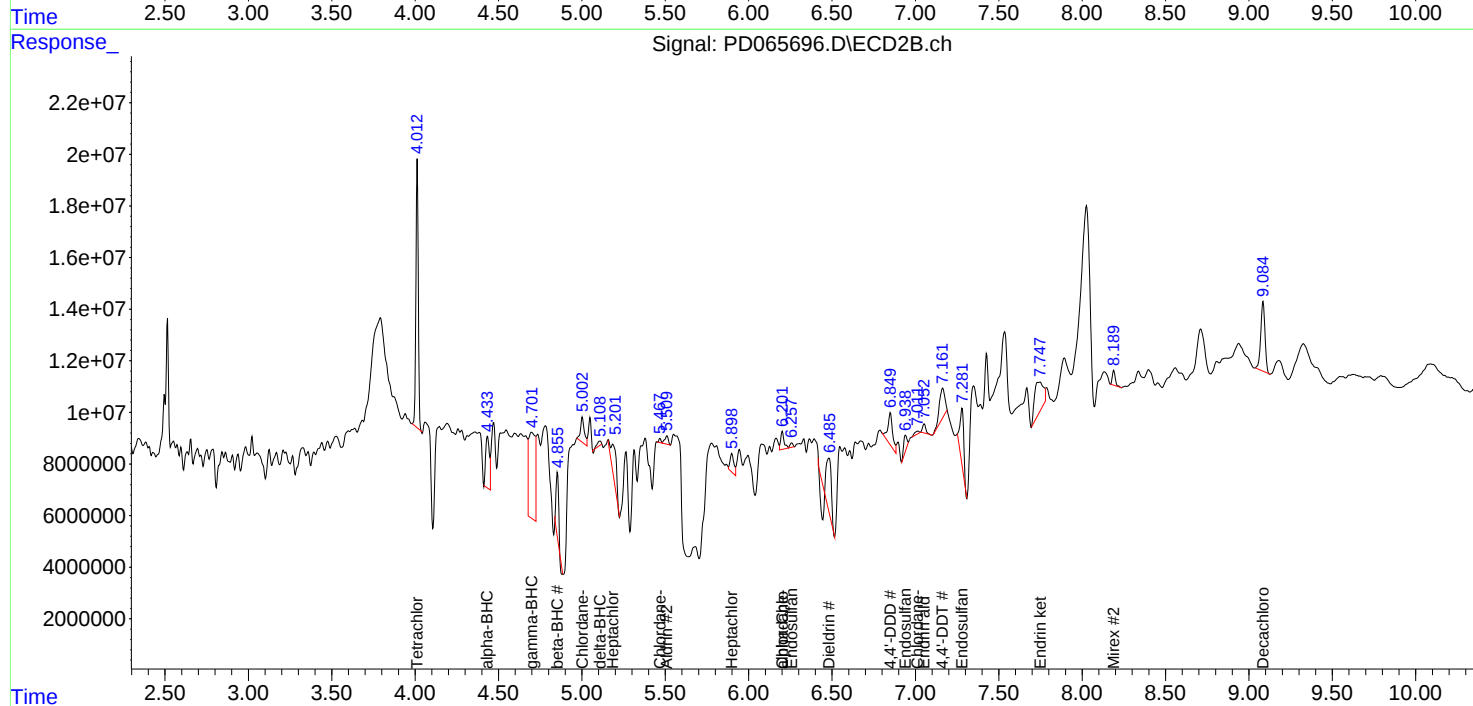
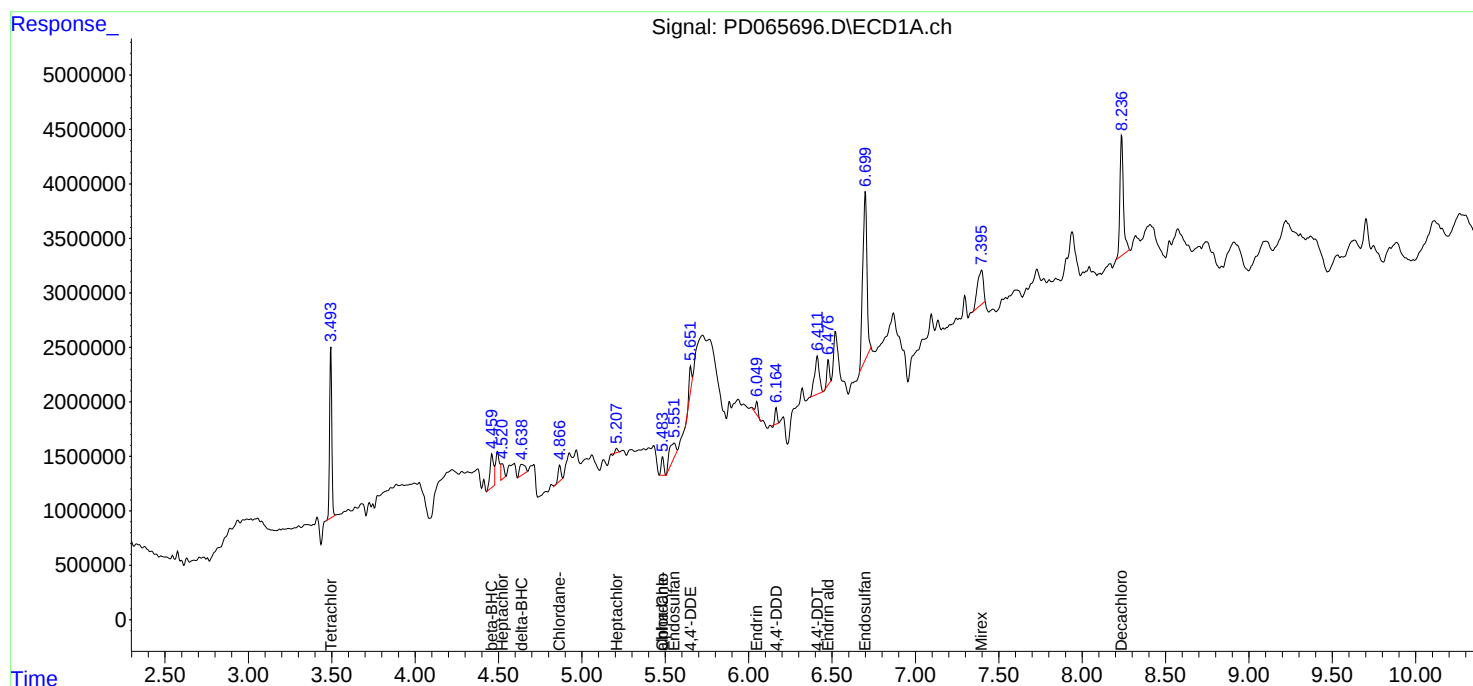
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

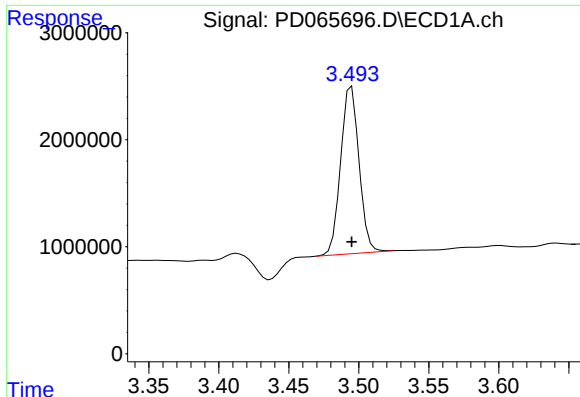
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091321\  
Data File : PD065696.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2021 18:12  
Operator : AR\AJ  
Sample : M3711-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 02:19:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 09 15:08:21 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

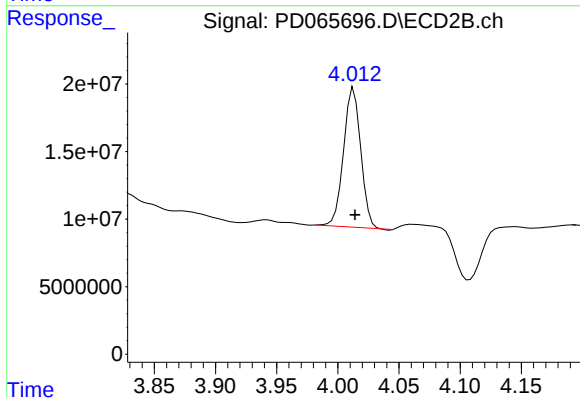




#1 Tetrachloro-m-xylene

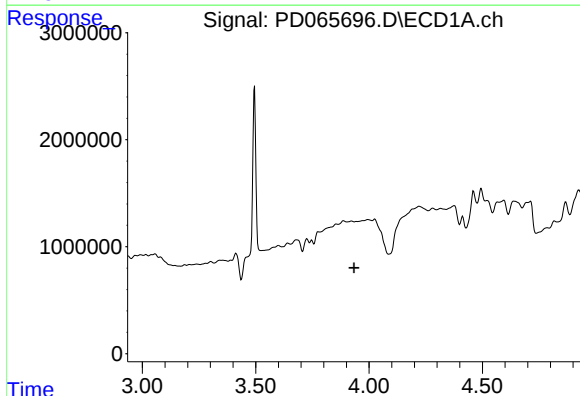
R.T.: 3.495 min  
Delta R.T.: 0.000 min  
Response: 14367369  
Conc: 14.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



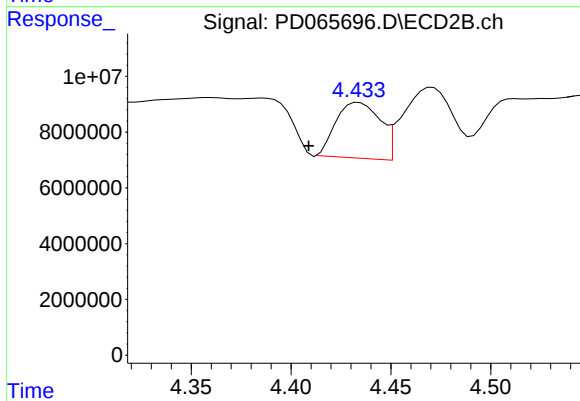
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 100435380  
Conc: 13.70 ng/ml



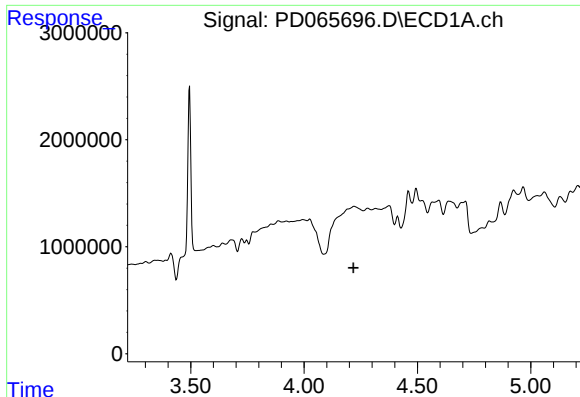
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.935 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

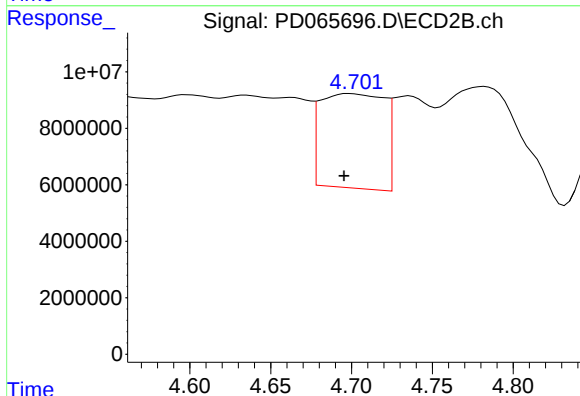
R.T.: 4.434 min  
Delta R.T.: 0.025 min  
Response: 30710802  
Conc: 2.90 ng/ml



#3 gamma-BHC (Lindane)

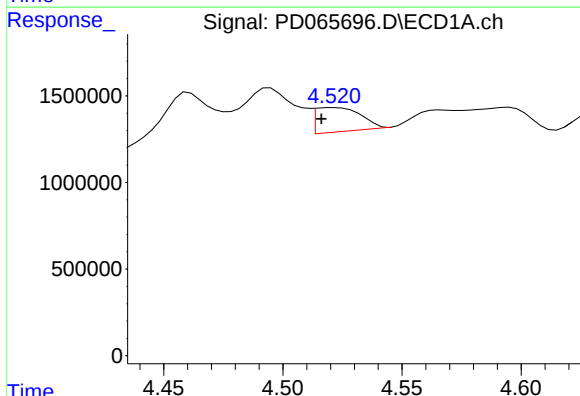
R.T.: 0.000 min  
Exp R.T.: 4.218 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



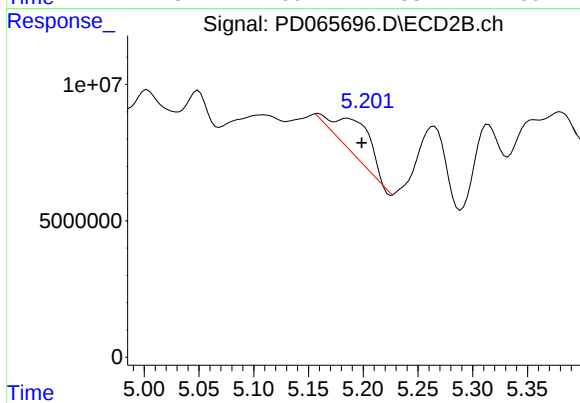
#3 gamma-BHC (Lindane)

R.T.: 4.699 min  
Delta R.T.: 0.003 min  
Response: 91522038  
Conc: 9.29 ng/ml



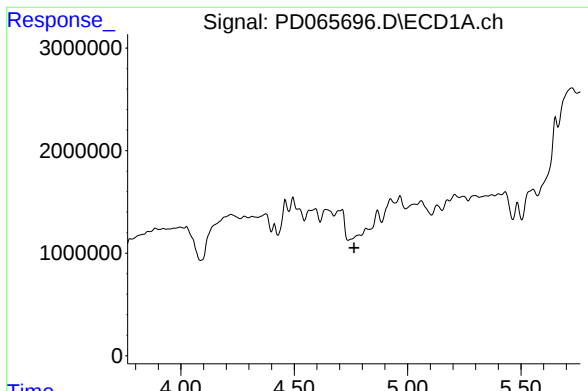
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.005 min  
Response: 1841905  
Conc: 1.21 ng/ml



#4 Heptachlor

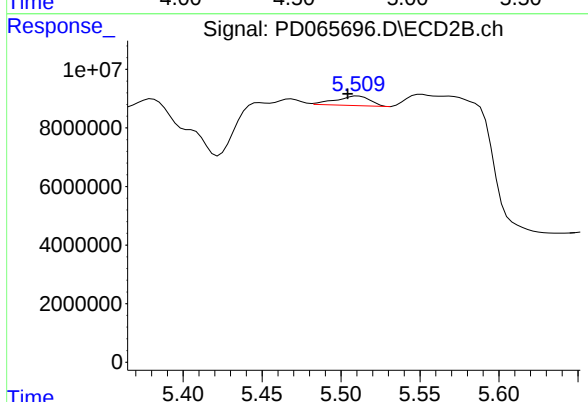
R.T.: 5.186 min  
Delta R.T.: -0.013 min  
Response: 30513345  
Conc: 3.36 ng/ml



#5 Aldrin

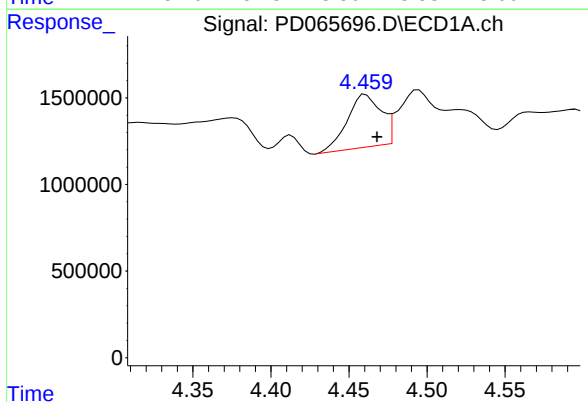
R.T.: 0.000 min  
Exp R.T.: 4.764 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



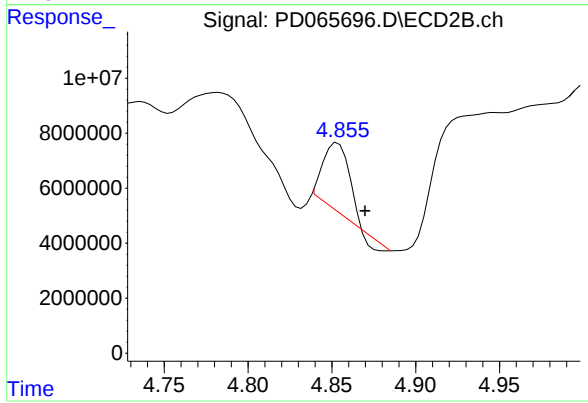
#5 Aldrin

R.T.: 5.511 min  
Delta R.T.: 0.007 min  
Response: 4851976  
Conc: 0.58 ng/ml



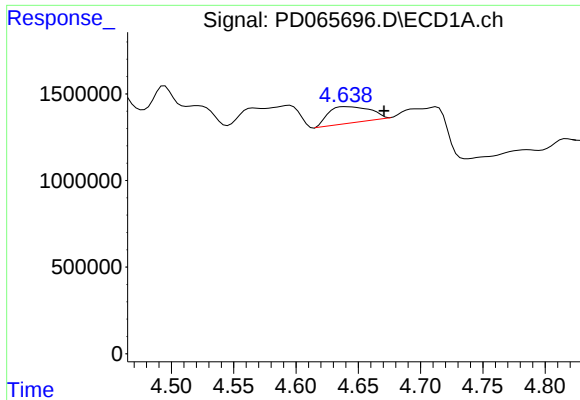
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: -0.007 min  
Response: 4584780  
Conc: 0.48 ng/ml



#6 beta-BHC

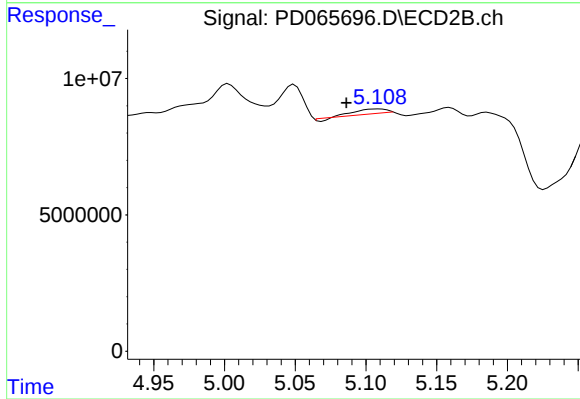
R.T.: 4.854 min  
Delta R.T.: -0.016 min  
Response: 25364777  
Conc: 5.45 ng/ml



#7 delta-BHC

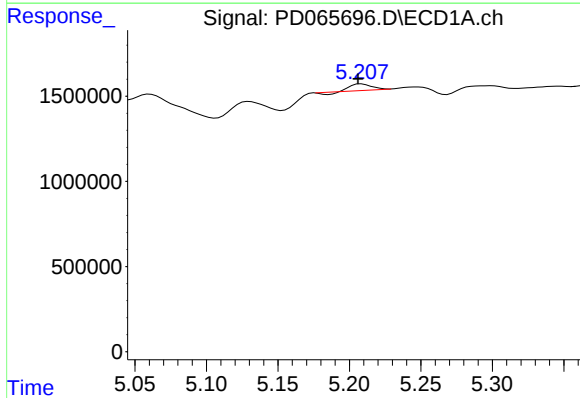
R.T.: 4.639 min  
Delta R.T.: -0.031 min  
Response: 2214959  
Conc: 1.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



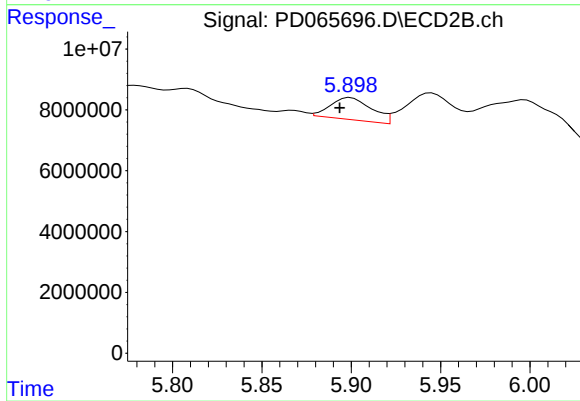
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.023 min  
Response: 2746086  
Conc: 0.30 ng/ml



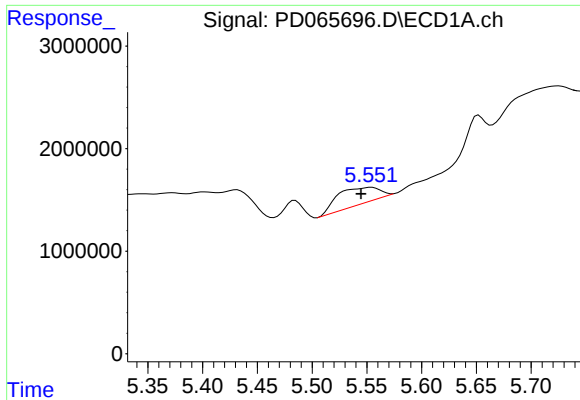
#8 Heptachlor epoxide

R.T.: 5.209 min  
Delta R.T.: 0.002 min  
Response: 321629  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

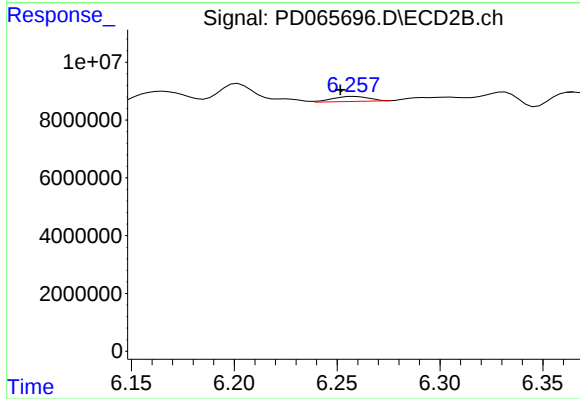
R.T.: 5.900 min  
Delta R.T.: 0.006 min  
Response: 11629206  
Conc: 1.61 ng/ml



#9 Endosulfan I

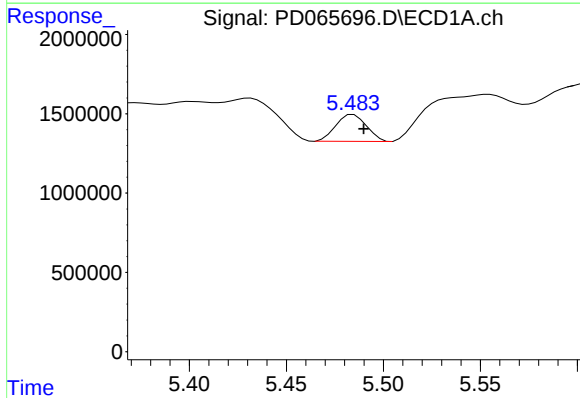
R.T.: 5.554 min  
Delta R.T.: 0.010 min  
Response: 4284823  
Conc: 3.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



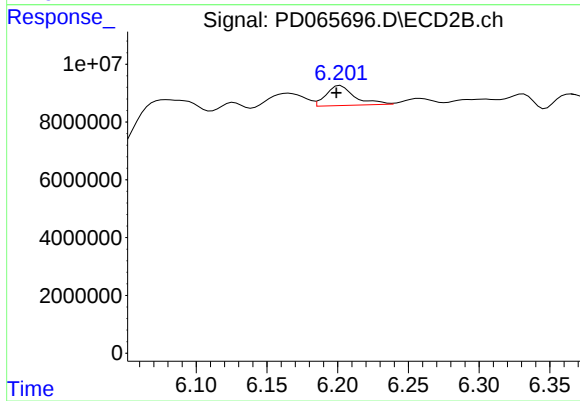
#9 Endosulfan I

R.T.: 6.258 min  
Delta R.T.: 0.007 min  
Response: 2127867  
Conc: 0.30 ng/ml



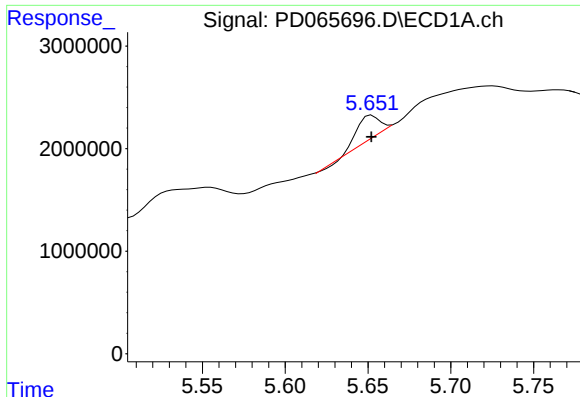
#11 alpha-Chlordane

R.T.: 5.484 min  
Delta R.T.: -0.005 min  
Response: 1855747  
Conc: 1.23 ng/ml



#11 alpha-Chlordane

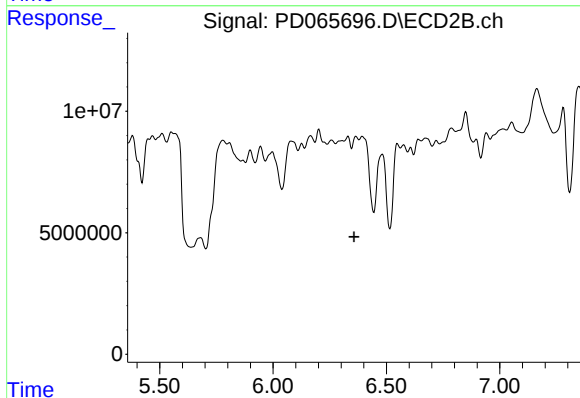
R.T.: 6.202 min  
Delta R.T.: 0.003 min  
Response: 9726364  
Conc: 1.32 ng/ml



#12 4,4'-DDE

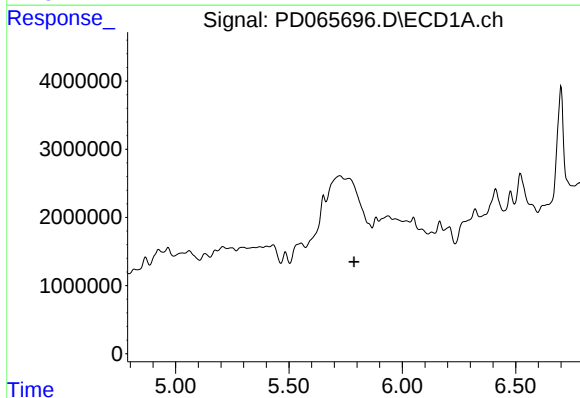
R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 1855794  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



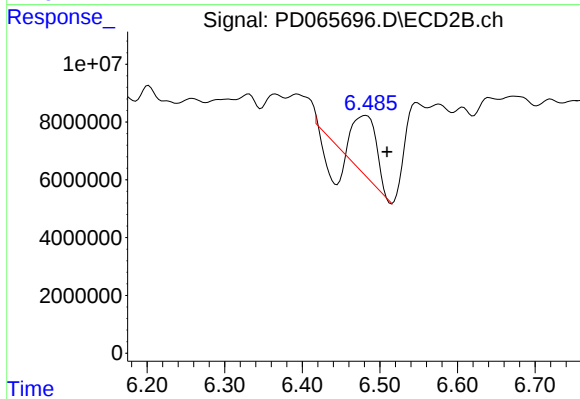
#12 4,4'-DDE

R.T.: 6.366 min  
Delta R.T.: 0.008 min  
Response: -1529649  
Conc: N.D.



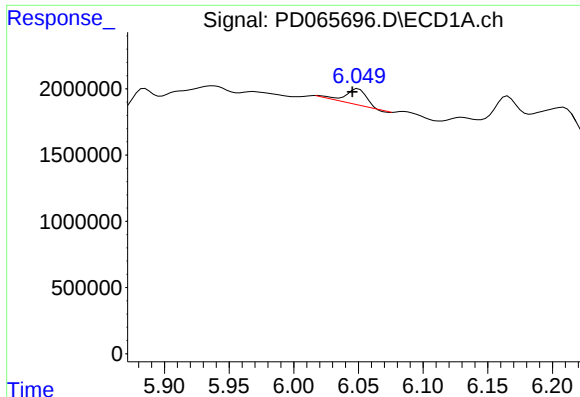
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.788 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

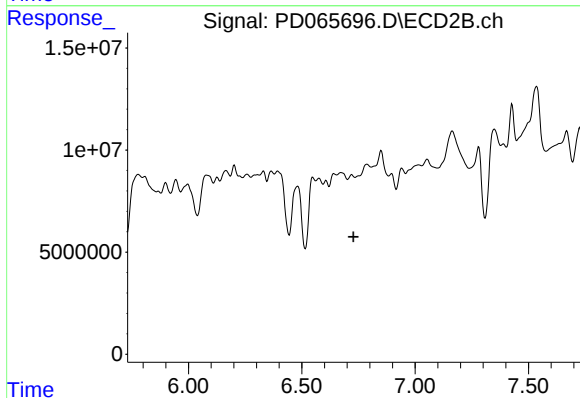
R.T.: 6.482 min  
Delta R.T.: -0.028 min  
Response: 33730618  
Conc: 4.47 ng/ml



#14 Endrin

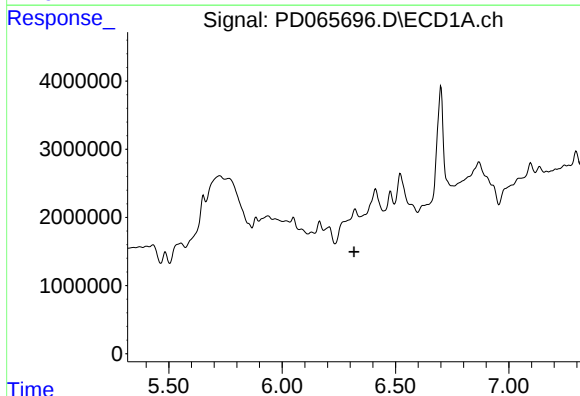
R.T.: 6.050 min  
Delta R.T.: 0.005 min  
Response: 1398304  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



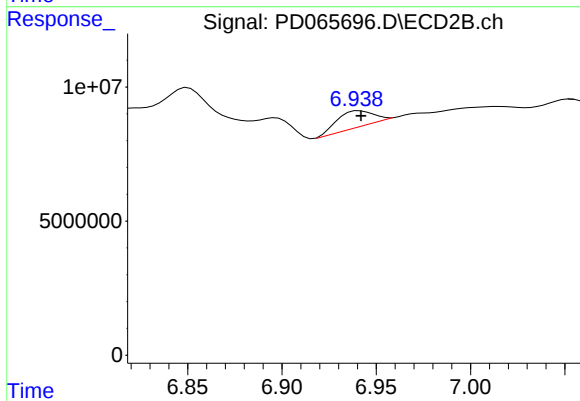
#14 Endrin

R.T.: 6.720 min  
Delta R.T.: -0.008 min  
Response: -1039481  
Conc: N.D.



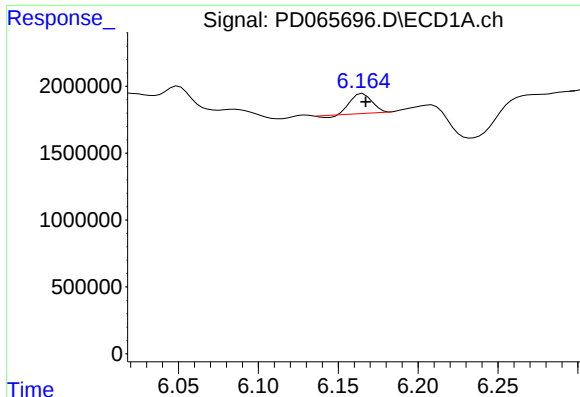
#15 Endosulfan II

R.T.: 6.322 min  
Delta R.T.: 0.004 min  
Response: -391527  
Conc: N.D.



#15 Endosulfan II

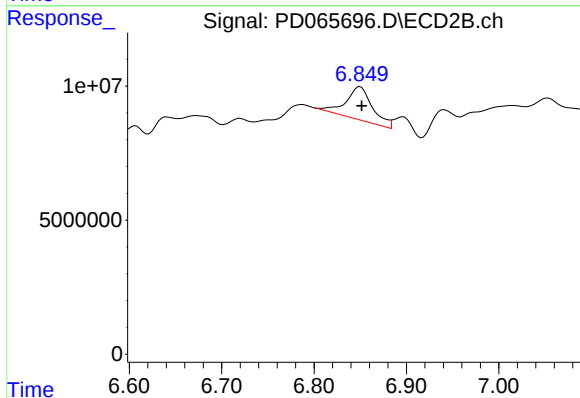
R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 8011245  
Conc: 1.25 ng/ml



#16 4,4'-DDD

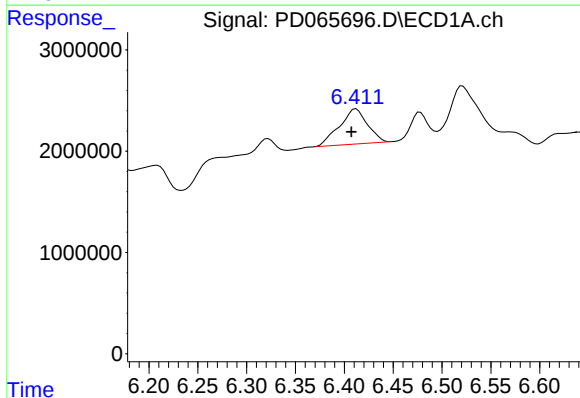
R.T.: 6.166 min  
Delta R.T.: -0.002 min  
Response: 1342219  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



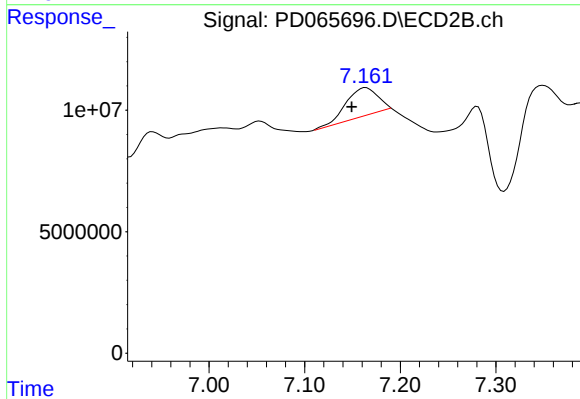
#16 4,4'-DDD

R.T.: 6.850 min  
Delta R.T.: -0.002 min  
Response: 24787468  
Conc: 3.97 ng/ml



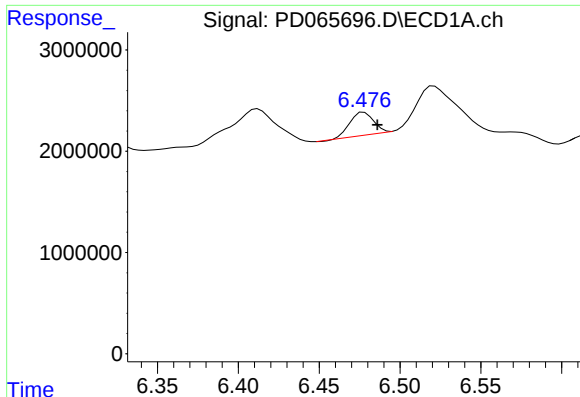
#17 4,4'-DDT

R.T.: 6.412 min  
Delta R.T.: 0.005 min  
Response: 6934854  
Conc: 5.04 ng/ml



#17 4,4'-DDT

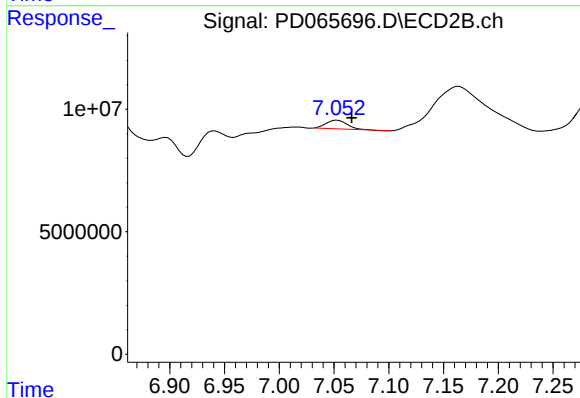
R.T.: 7.164 min  
Delta R.T.: 0.015 min  
Response: 27872987  
Conc: 4.58 ng/ml



#18 Endrin aldehyde

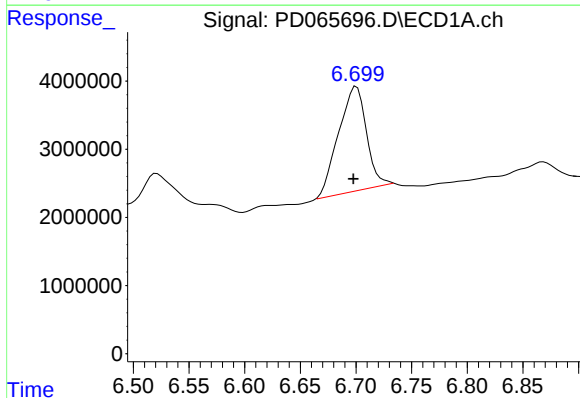
R.T.: 6.478 min  
Delta R.T.: -0.008 min  
Response: 2287417  
Conc: 1.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



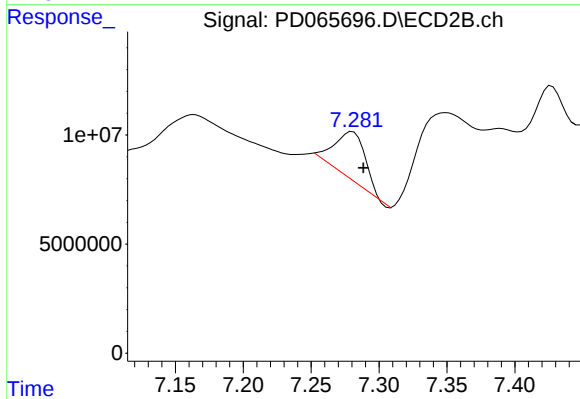
#18 Endrin aldehyde

R.T.: 7.053 min  
Delta R.T.: -0.013 min  
Response: 4772189  
Conc: 0.87 ng/ml



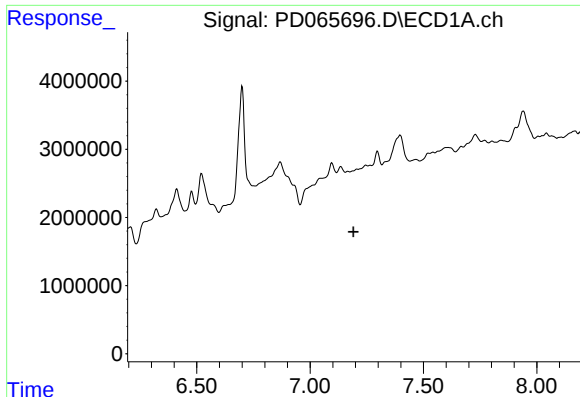
#19 Endosulfan Sulfate

R.T.: 6.700 min  
Delta R.T.: 0.003 min  
Response: 27023724  
Conc: 17.49 ng/ml



#19 Endosulfan Sulfate

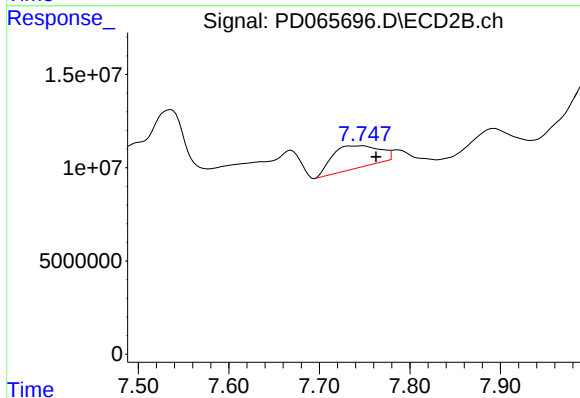
R.T.: 7.280 min  
Delta R.T.: -0.008 min  
Response: 34592249  
Conc: 5.41 ng/ml



#21 Endrin ketone

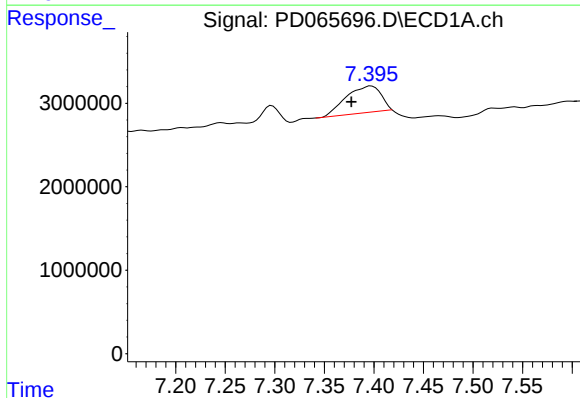
R.T.: 0.000 min  
Exp R.T.: 7.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



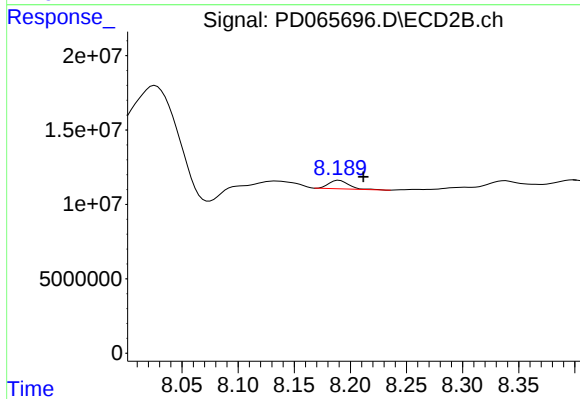
#21 Endrin ketone

R.T.: 7.748 min  
Delta R.T.: -0.015 min  
Response: 43194733  
Conc: 5.71 ng/ml



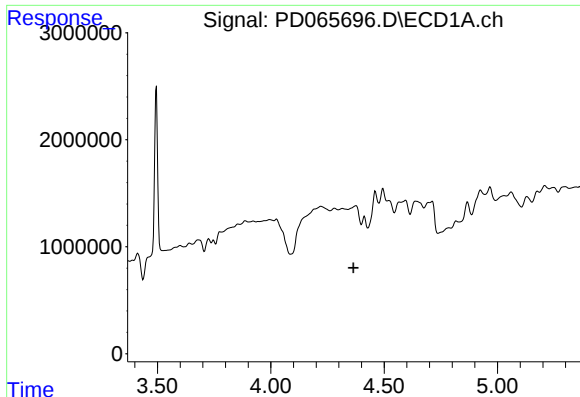
#22 Mirex

R.T.: 7.397 min  
Delta R.T.: 0.020 min  
Response: 7927687  
Conc: 5.06 ng/ml



#22 Mirex

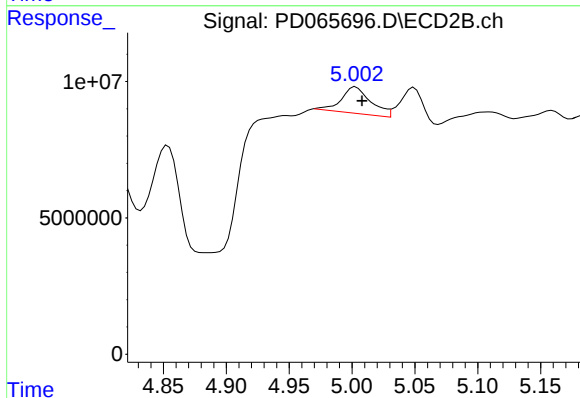
R.T.: 8.190 min  
Delta R.T.: -0.021 min  
Response: 7064486  
Conc: 1.34 ng/ml



#23 Chlordane-1

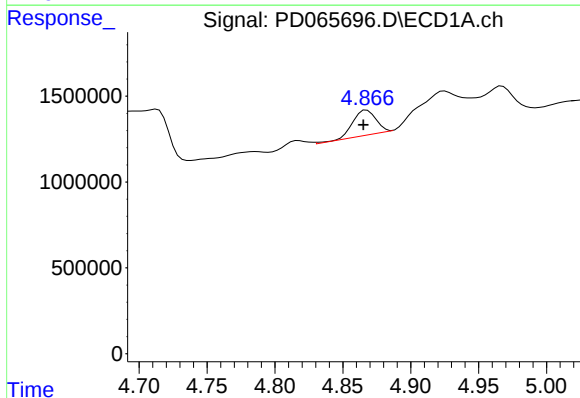
R.T.: 0.000 min  
Exp R.T.: 4.365 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



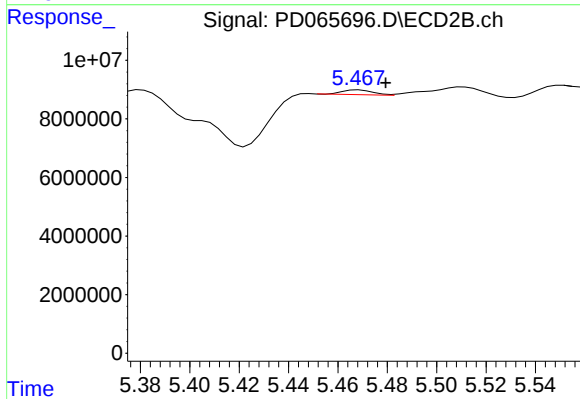
#23 Chlordane-1

R.T.: 5.003 min  
Delta R.T.: -0.005 min  
Response: 15887926  
Conc: 54.48 ng/ml



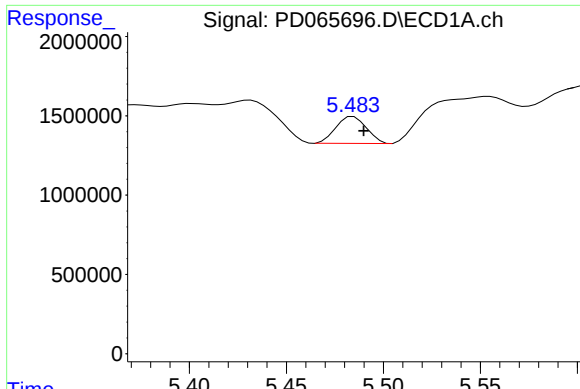
#24 Chlordane-2

R.T.: 4.868 min  
Delta R.T.: 0.002 min  
Response: 1731575  
Conc: 33.33 ng/ml



#24 Chlordane-2

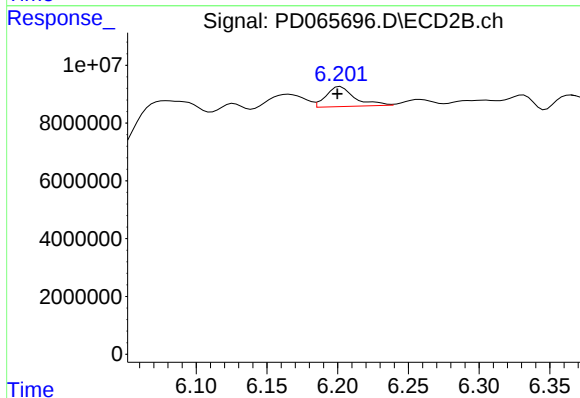
R.T.: 5.469 min  
Delta R.T.: -0.011 min  
Response: 1411149  
Conc: 5.01 ng/ml



#26 Chlordane-4

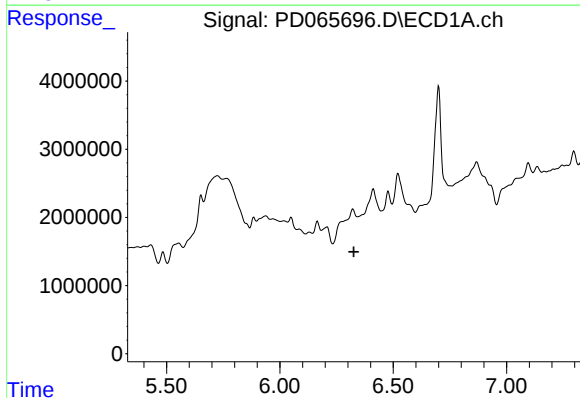
R.T.: 5.484 min  
Delta R.T.: -0.005 min  
Response: 1855747  
Conc: 14.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



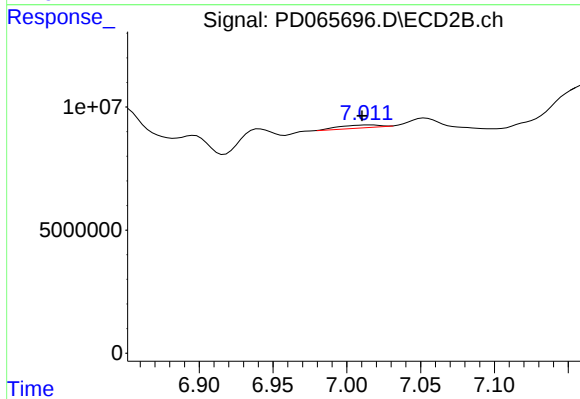
#26 Chlordane-4

R.T.: 6.202 min  
Delta R.T.: 0.002 min  
Response: 9726364  
Conc: 8.06 ng/ml



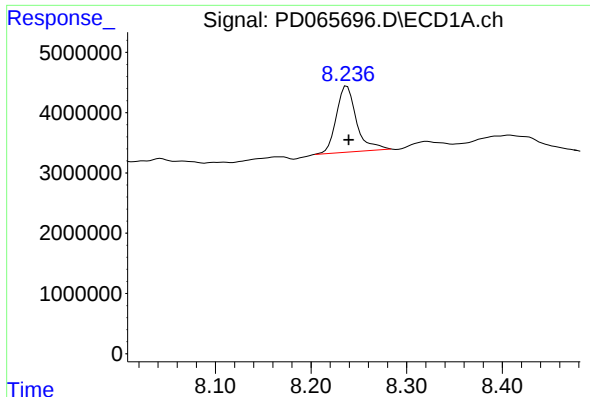
#27 Chlordane-5

R.T.: 6.322 min  
Delta R.T.: -0.004 min  
Response: -391527  
Conc: N.D.



#27 Chlordane-5

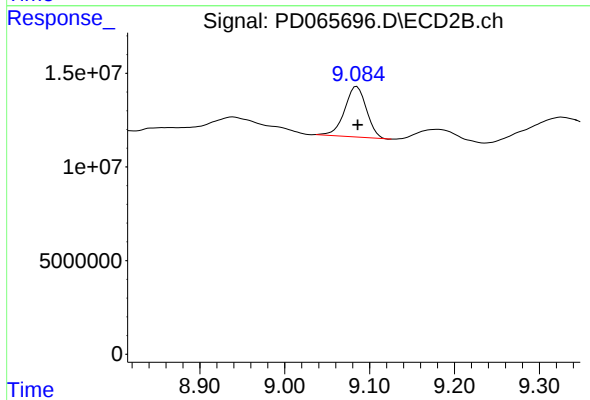
R.T.: 7.015 min  
Delta R.T.: 0.005 min  
Response: 2555283  
Conc: 10.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.238 min  
Delta R.T.: -0.002 min  
Response: 16199725  
Conc: 9.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.001 min  
Response: 48105735  
Conc: 9.02 ng/ml