

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101921\  
 Data File : PD066401.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2021 17:11  
 Operator : AJ\MA  
 Sample : M4196-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 06:22:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 19 10:18:55 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 x 0.50µm

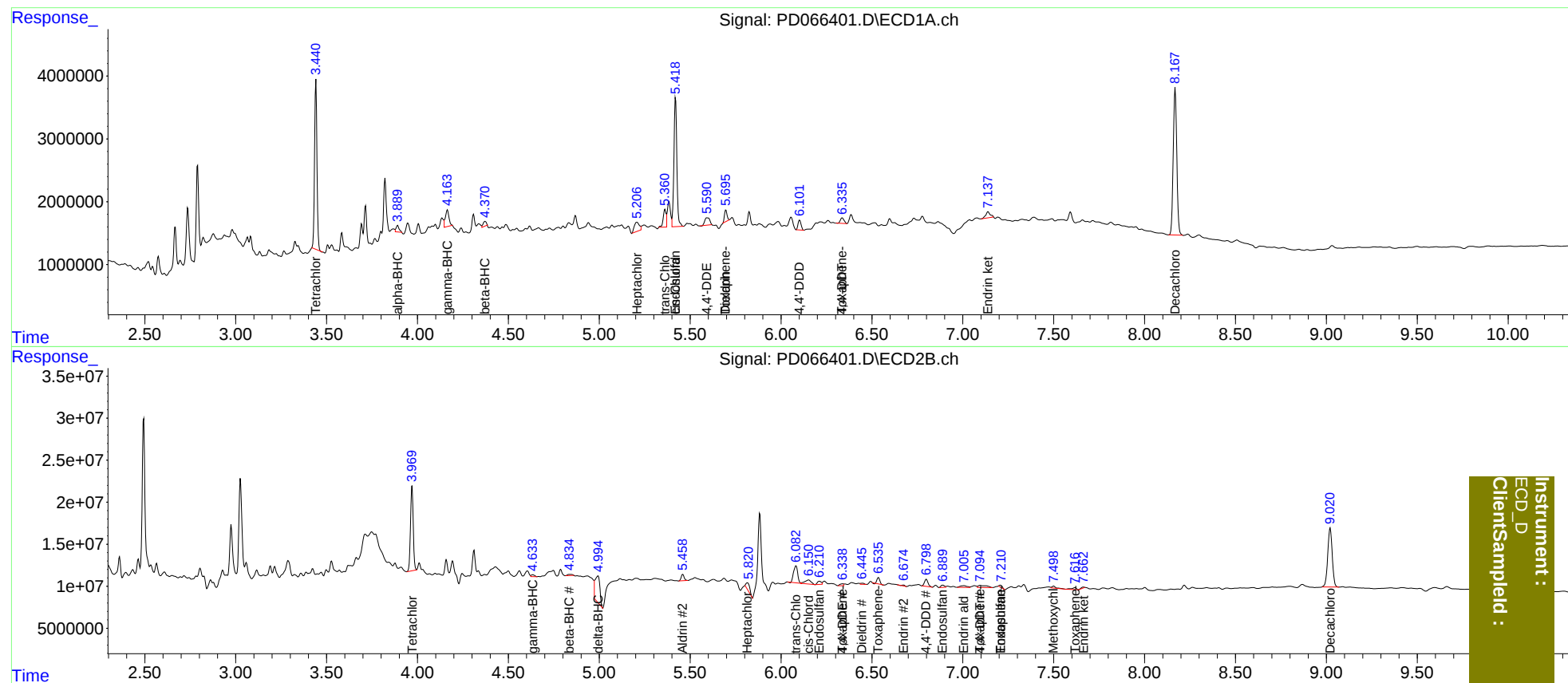
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.441  | 3.970  | 24651009 | 106.2E6  | 12.073  | 11.917   |
| 27)                         | SA Decachlor... | 8.168  | 9.021  | 31823302 | 120.5E6  | 23.407  | 25.383   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.891  | 4.369  | 1201218  | -1763880 | 0.385   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.165  | 4.634  | 3707303  | 2964569  | 1.201   | 0.269 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.459  | 0        | 8631414  | N.D.    | 0.856    |
| 6)                          | B beta-BHC      | 4.372f | 4.835  | 992591   | 2423737  | 0.745   | 0.466 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.993f | 0        | 58642202 | N.D.    | 6.060    |
| 8)                          | B Heptachlo...  | 5.208f | 5.815  | 2730575  | 12565679 | 1.009   | 1.565 #  |
| 9)                          | A Endosulfan I  | 5.420f | 6.211  | 23018382 | 5477363  | 9.105   | 0.650 #  |
| 10)                         | B trans-Chl...  | 5.361  | 6.083  | 3073064  | 31870260 | 1.121   | 3.525 #  |
| 11)                         | B cis-Chlor...  | 5.420  | 6.152  | 23018382 | 11614132 | 8.582   | 1.310 #  |
| 12)                         | B 4,4'-DDE      | 5.593  | 6.339  | 2222114  | 2891124  | 0.887   | 0.364 #  |
| 13)                         | MA Dieldrin     | 5.697  | 6.447  | 1794003  | 1806716  | 0.668   | 0.214 #  |
| 14)                         | MA Endrin       | 0.000  | 6.674  | 0        | 1019582  | N.D.    | 0.193    |
| 15)                         | B Endosulfa...  | 6.195f | 6.890  | -543088  | 3586160  | N.D.    | 0.503    |
| 16)                         | A 4,4'-DDD      | 6.102  | 6.800  | 1800990  | 11661282 | 0.867   | 1.748 #  |
| 17)                         | MA 4,4'-DDT     | 6.337  | 7.095  | 1240520  | 8577336  | 0.623   | 1.308 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.007  | 0        | 5149830  | N.D.    | 0.971    |
| 19)                         | B Endosulfa...  | 0.000  | 7.207  | 0        | 3014828  | N.D.    | 0.457    |
| 20)                         | A Methoxychlor  | 0.000  | 7.500f | 0        | 3644009  | N.D.    | 1.122    |
| 21)                         | B Endrin ke...  | 7.139  | 7.663f | 1649721  | 1243436  | 0.714   | 0.173 #  |
| 22)                         | Toxaphene-1     | 5.697  | 6.339  | 1794003  | 2891124  | 107.073 | 78.459 # |
| 23)                         | Toxaphene-2     | 6.195  | 6.536  | -543088  | 7814116  | N.D.    | 124.316  |
| 24)                         | Toxaphene-3     | 6.337  | 7.095  | 1240520  | 8577336  | 31.188  | 79.098 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.207  | 0        | 3014828  | N.D.    | 27.668   |
| 26)                         | Toxaphene-5     | 7.038  | 7.617  | -322267  | 4155241  | N.D.    | 52.412   |
| -----                       |                 |        |        |          |          |         |          |

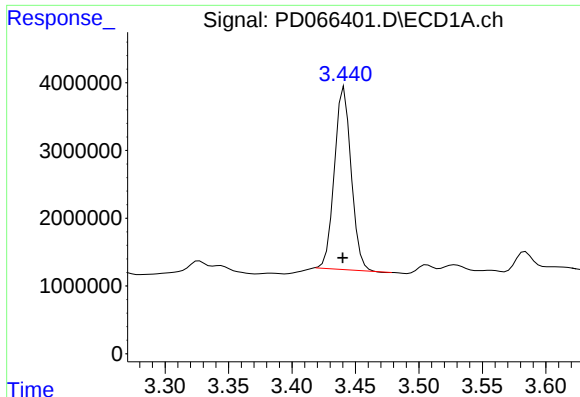
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101921\  
Data File : PD066401.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2021 17:11  
Operator : AJ\MA  
Sample : M4196-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 06:22:38 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101621CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 19 10:18:55 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 x 0.50µm

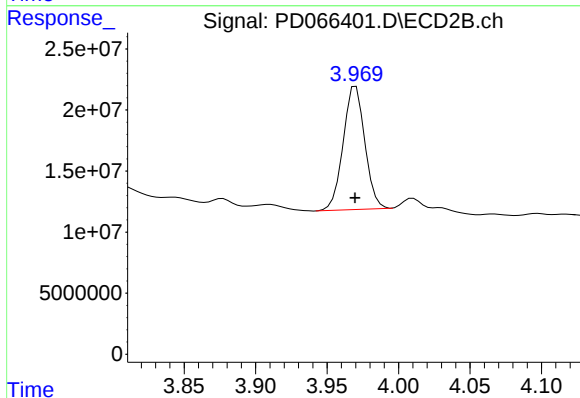




#1 Tetrachloro-m-xylene

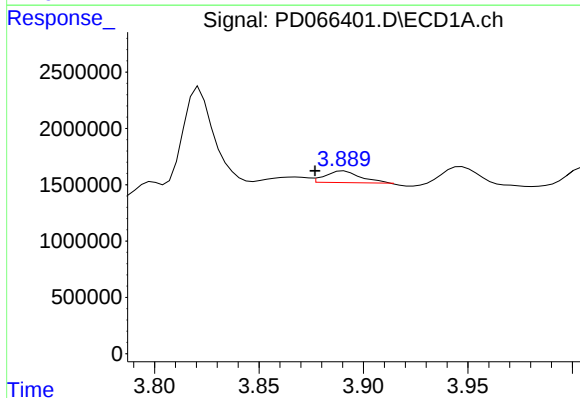
R.T.: 3.441 min  
Delta R.T.: 0.001 min  
Response: 24651009  
Conc: 12.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



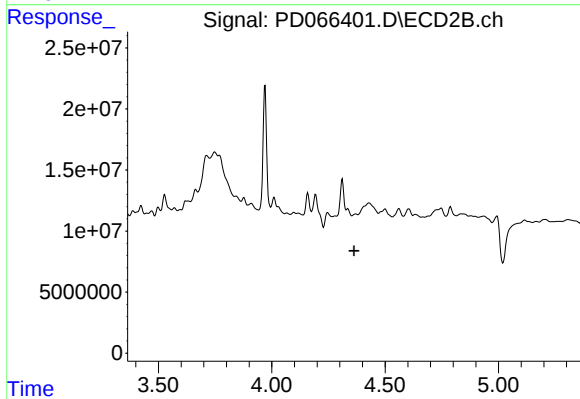
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 106199020  
Conc: 11.92 ng/ml



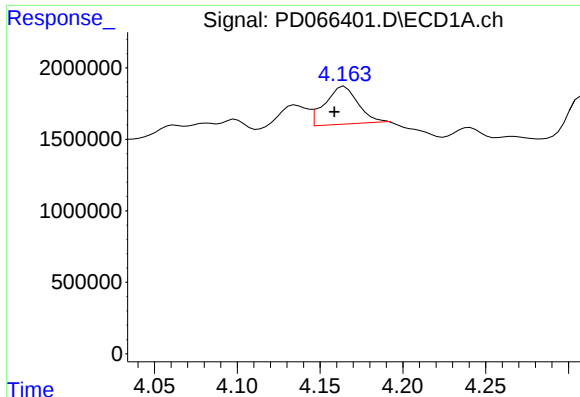
#2 alpha-BHC

R.T.: 3.891 min  
Delta R.T.: 0.014 min  
Response: 1201218  
Conc: 0.39 ng/ml



#2 alpha-BHC

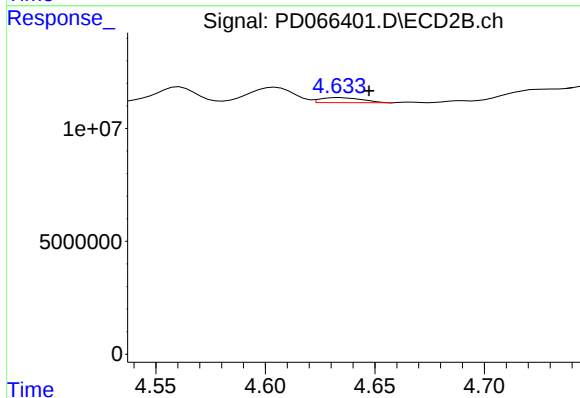
R.T.: 4.369 min  
Delta R.T.: 0.006 min  
Response: -1763880  
Conc: N.D.



#3 gamma-BHC (Lindane)

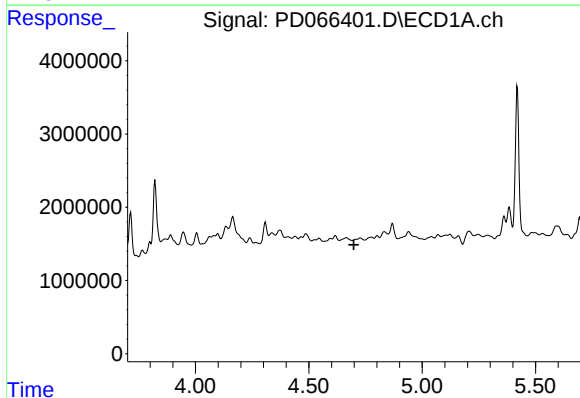
R.T.: 4.165 min  
Delta R.T.: 0.006 min  
Response: 3707303  
Conc: 1.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



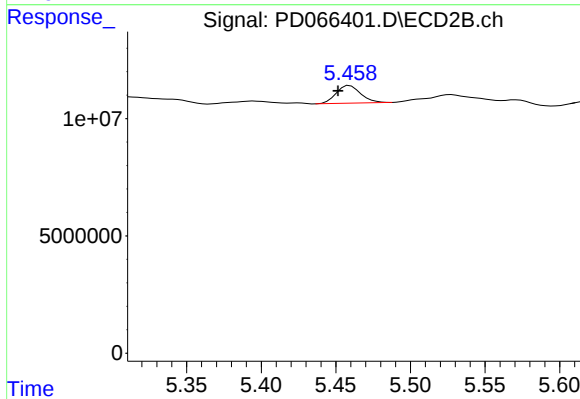
#3 gamma-BHC (Lindane)

R.T.: 4.634 min  
Delta R.T.: -0.013 min  
Response: 2964569  
Conc: 0.27 ng/ml



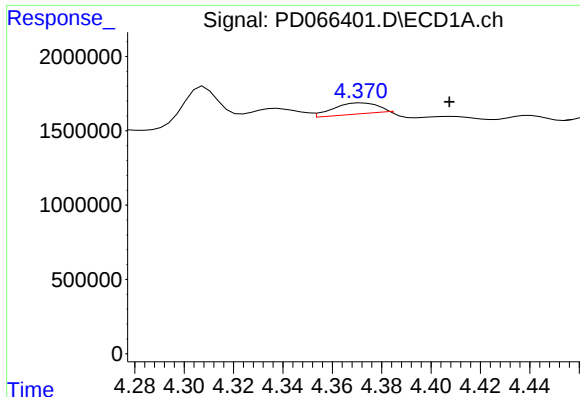
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.698 min  
Response: 0  
Conc: N.D.



#5 Aldrin

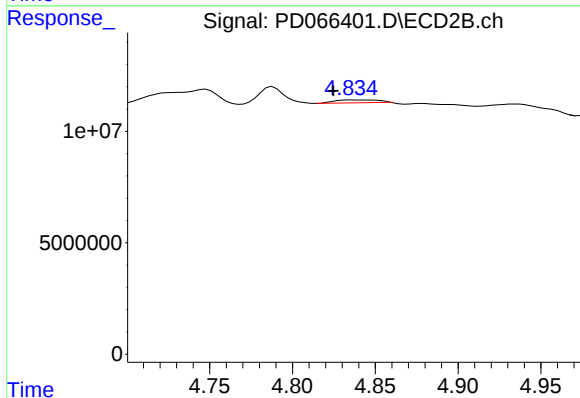
R.T.: 5.459 min  
Delta R.T.: 0.008 min  
Response: 8631414  
Conc: 0.86 ng/ml



#6 beta-BHC

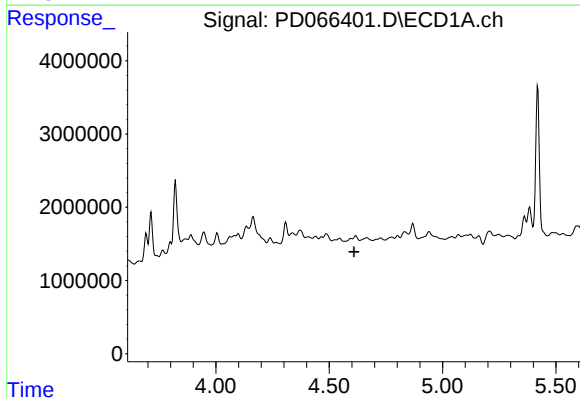
R.T.: 4.372 min  
Delta R.T.: -0.035 min  
Response: 992591  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



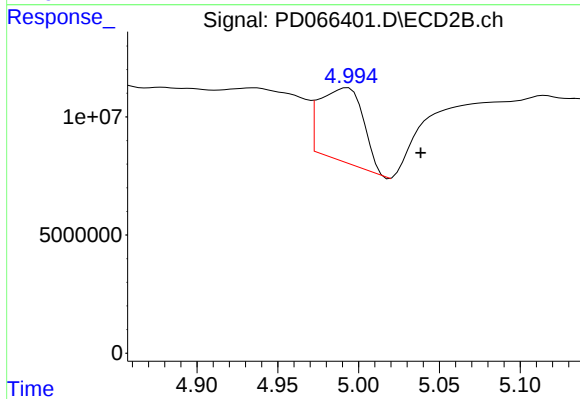
#6 beta-BHC

R.T.: 4.835 min  
Delta R.T.: 0.011 min  
Response: 2423737  
Conc: 0.47 ng/ml



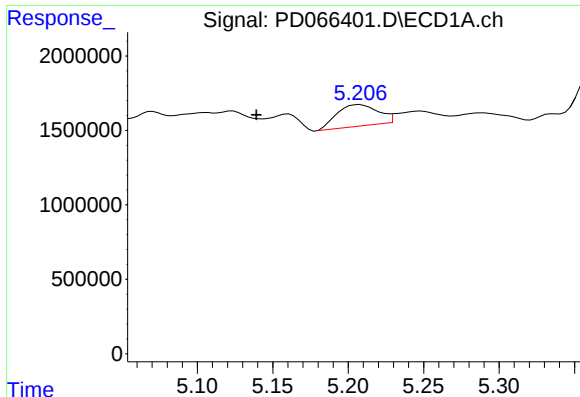
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.610 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

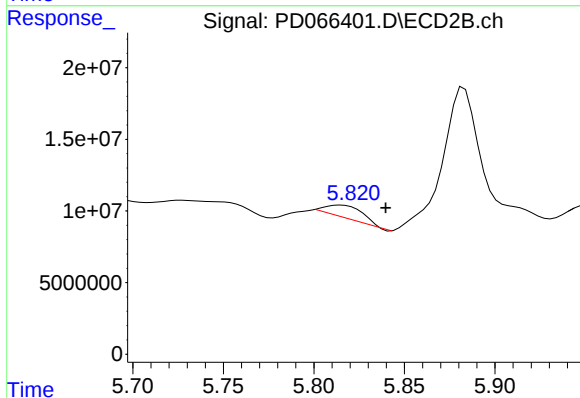
R.T.: 4.993 min  
Delta R.T.: -0.045 min  
Response: 58642202  
Conc: 6.06 ng/ml



#8 Heptachlor epoxide

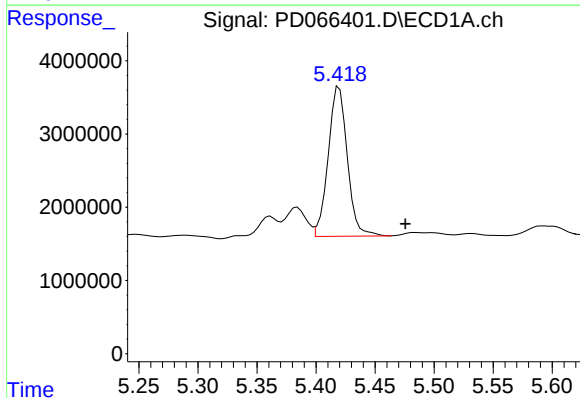
R.T.: 5.208 min  
Delta R.T.: 0.069 min  
Response: 2730575  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



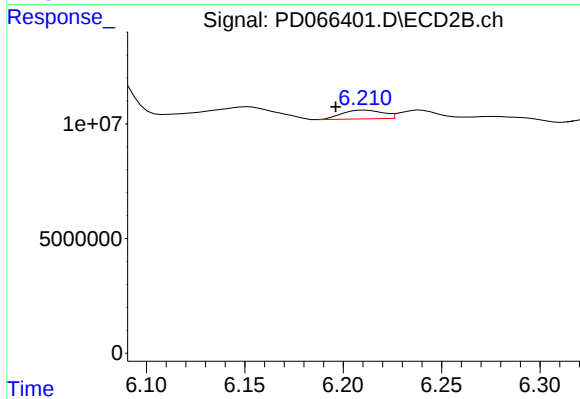
#8 Heptachlor epoxide

R.T.: 5.815 min  
Delta R.T.: -0.025 min  
Response: 12565679  
Conc: 1.56 ng/ml



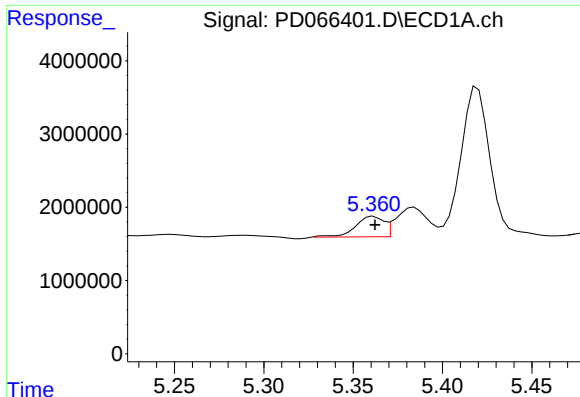
#9 Endosulfan I

R.T.: 5.420 min  
Delta R.T.: -0.056 min  
Response: 23018382  
Conc: 9.11 ng/ml



#9 Endosulfan I

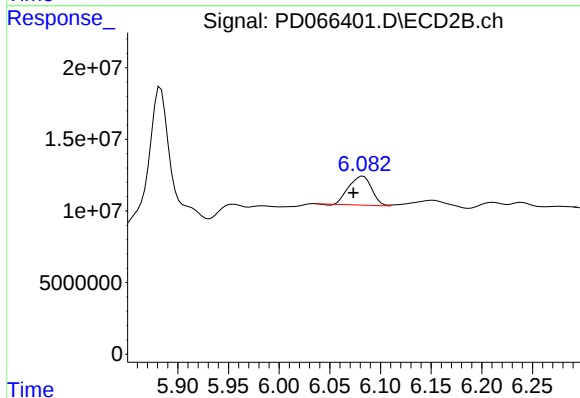
R.T.: 6.211 min  
Delta R.T.: 0.015 min  
Response: 5477363  
Conc: 0.65 ng/ml



#10 trans-Chlordane

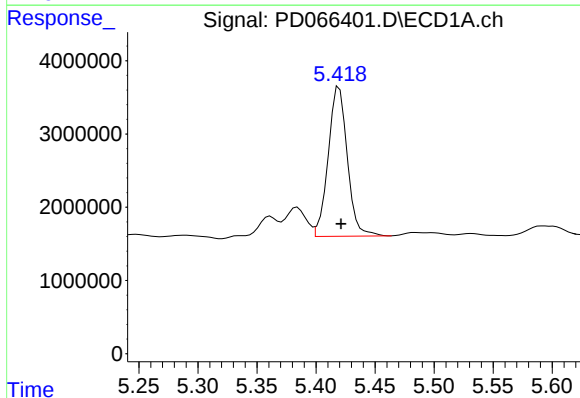
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 3073064  
Conc: 1.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



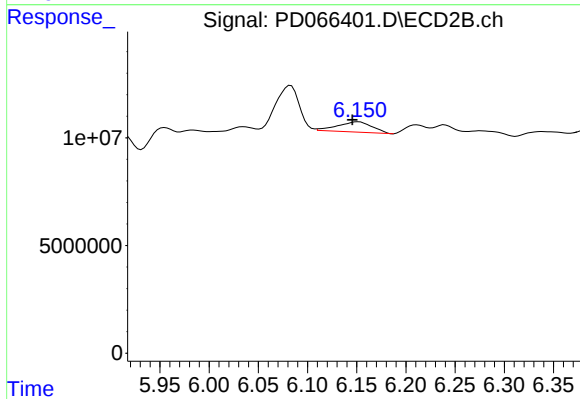
#10 trans-Chlordane

R.T.: 6.083 min  
Delta R.T.: 0.009 min  
Response: 31870260  
Conc: 3.53 ng/ml



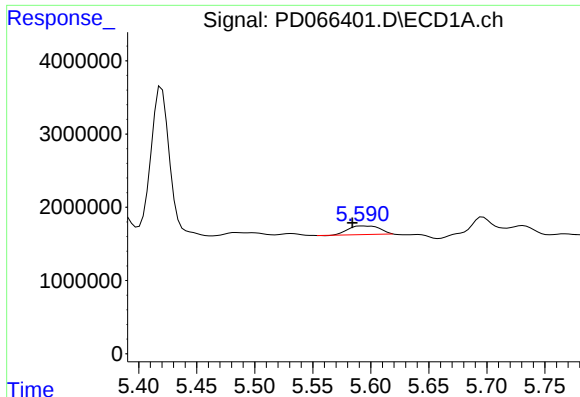
#11 cis-Chlordane

R.T.: 5.420 min  
Delta R.T.: -0.002 min  
Response: 23018382  
Conc: 8.58 ng/ml



#11 cis-Chlordane

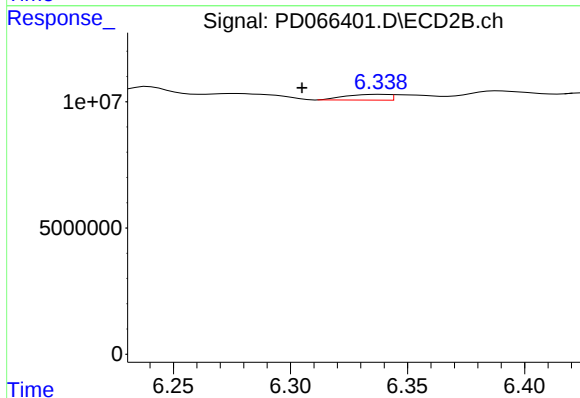
R.T.: 6.152 min  
Delta R.T.: 0.006 min  
Response: 11614132  
Conc: 1.31 ng/ml



#12 4,4'-DDE

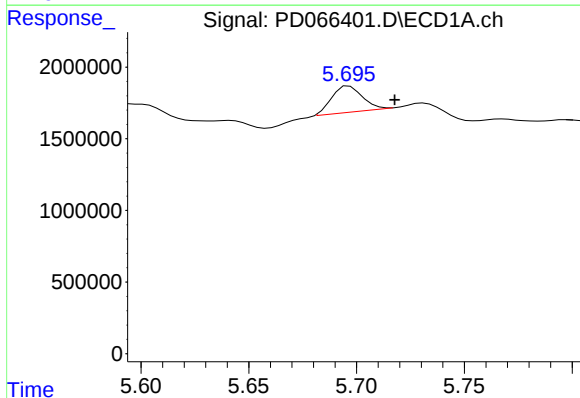
R.T.: 5.593 min  
Delta R.T.: 0.009 min  
Response: 2222114  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



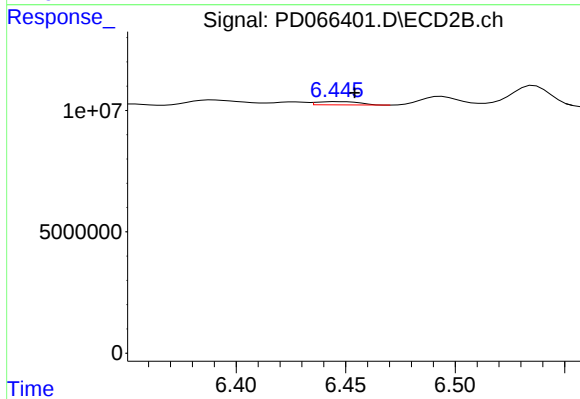
#12 4,4'-DDE

R.T.: 6.339 min  
Delta R.T.: 0.034 min  
Response: 2891124  
Conc: 0.36 ng/ml



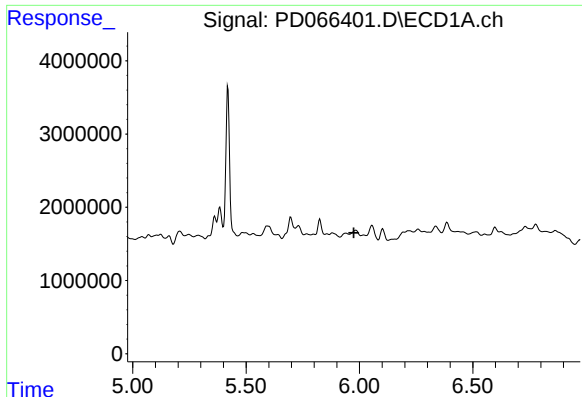
#13 Dieldrin

R.T.: 5.697 min  
Delta R.T.: -0.021 min  
Response: 1794003  
Conc: 0.67 ng/ml



#13 Dieldrin

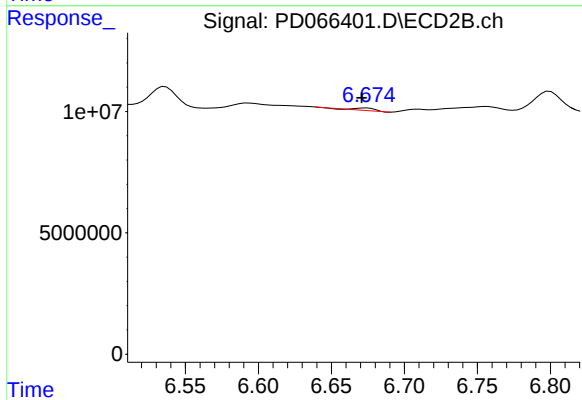
R.T.: 6.447 min  
Delta R.T.: -0.007 min  
Response: 1806716  
Conc: 0.21 ng/ml



#14 Endrin

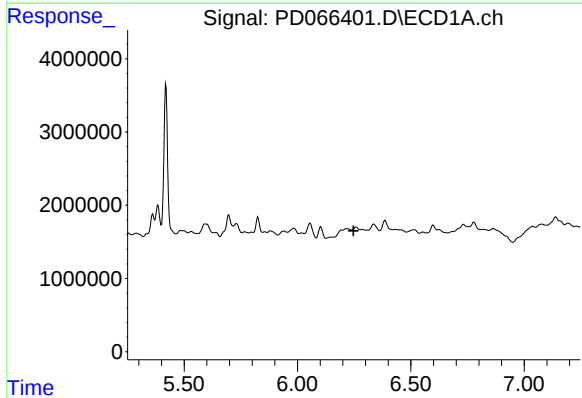
R.T.: 0.000 min  
Exp R.T.: 5.975 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



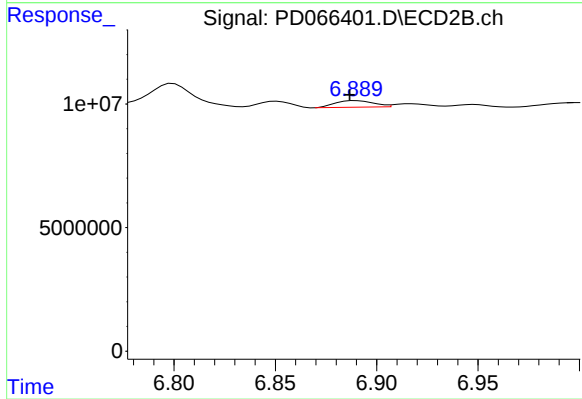
#14 Endrin

R.T.: 6.674 min  
Delta R.T.: 0.003 min  
Response: 1019582  
Conc: 0.19 ng/ml



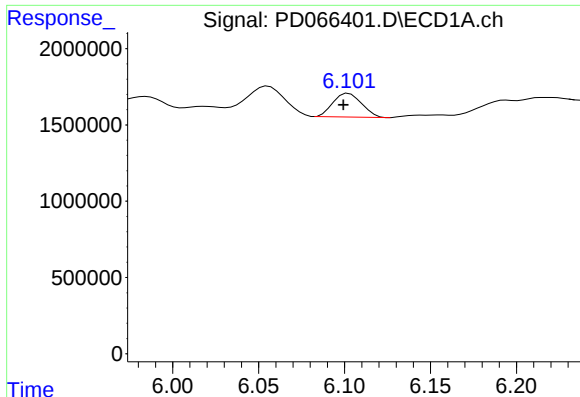
#15 Endosulfan II

R.T.: 6.195 min  
Delta R.T.: -0.053 min  
Response: -543088  
Conc: N.D.



#15 Endosulfan II

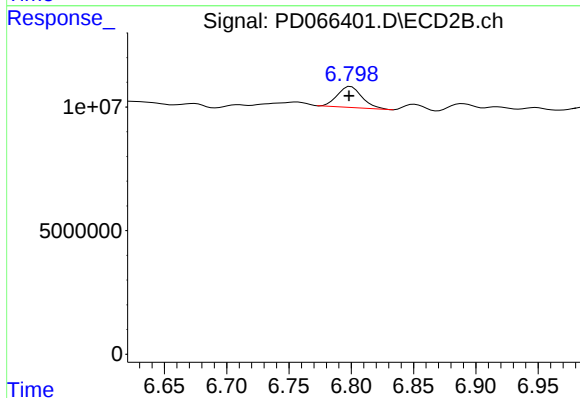
R.T.: 6.890 min  
Delta R.T.: 0.003 min  
Response: 3586160  
Conc: 0.50 ng/ml



#16 4,4'-DDD

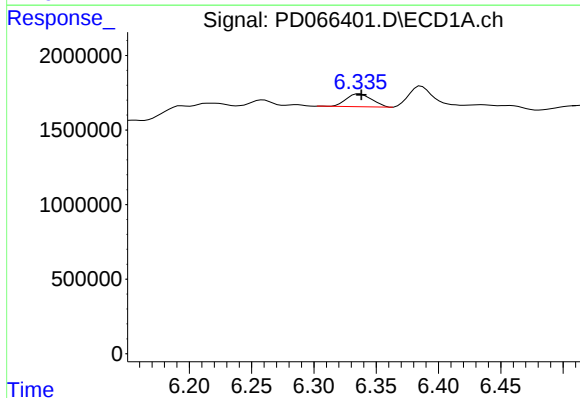
R.T.: 6.102 min  
Delta R.T.: 0.003 min  
Response: 1800990  
Conc: 0.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



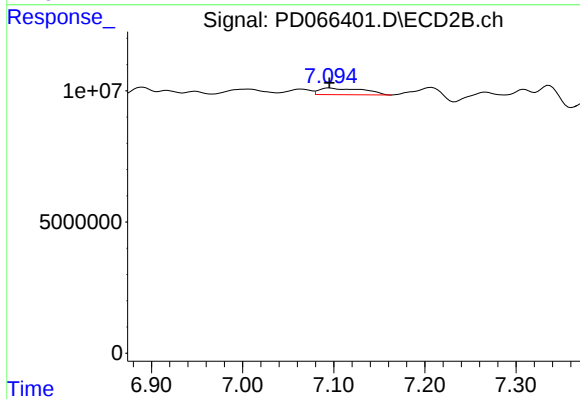
#16 4,4'-DDD

R.T.: 6.800 min  
Delta R.T.: 0.001 min  
Response: 11661282  
Conc: 1.75 ng/ml



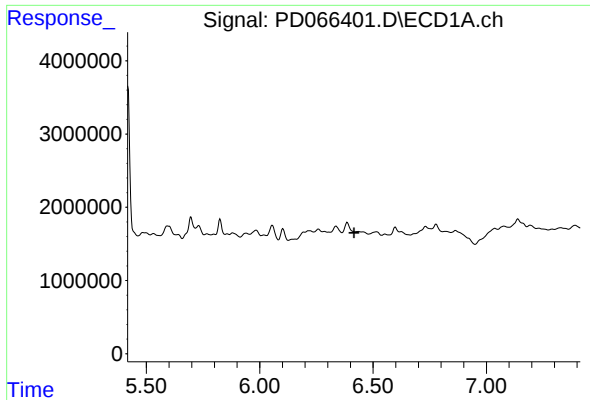
#17 4,4'-DDT

R.T.: 6.337 min  
Delta R.T.: -0.002 min  
Response: 1240520  
Conc: 0.62 ng/ml



#17 4,4'-DDT

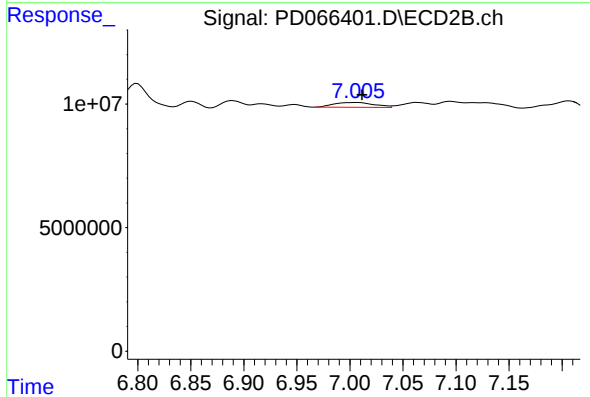
R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 8577336  
Conc: 1.31 ng/ml



#18 Endrin aldehyde

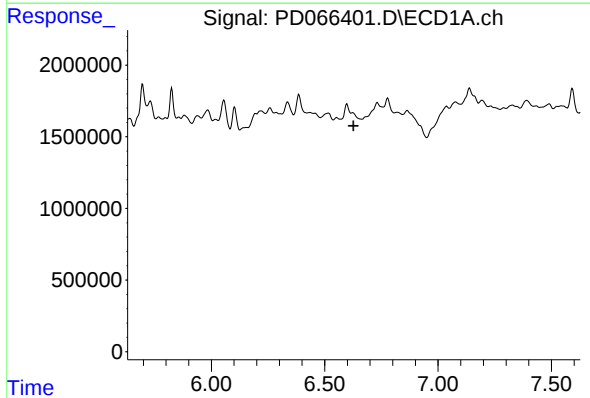
R.T.: 0.000 min  
Exp R.T.: 6.416 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



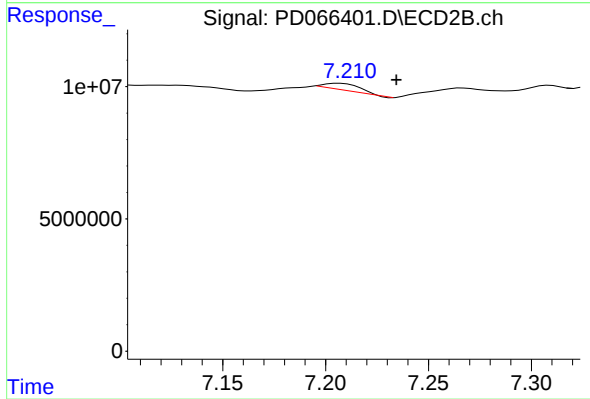
#18 Endrin aldehyde

R.T.: 7.007 min  
Delta R.T.: -0.005 min  
Response: 5149830  
Conc: 0.97 ng/ml



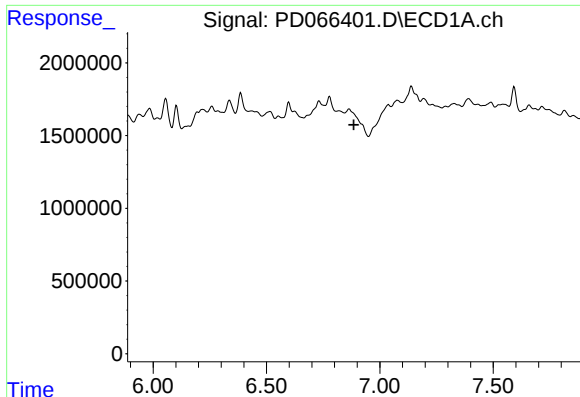
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

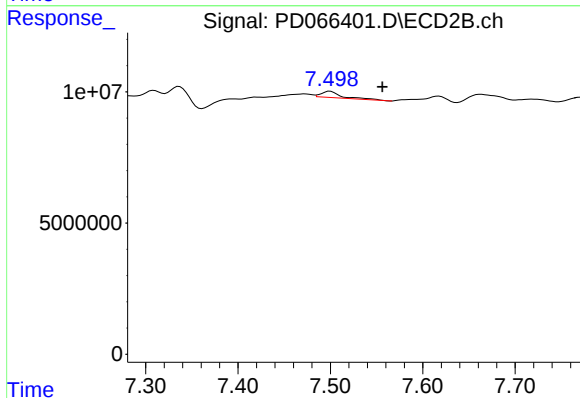
R.T.: 7.207 min  
Delta R.T.: -0.027 min  
Response: 3014828  
Conc: 0.46 ng/ml



#20 Methoxychlor

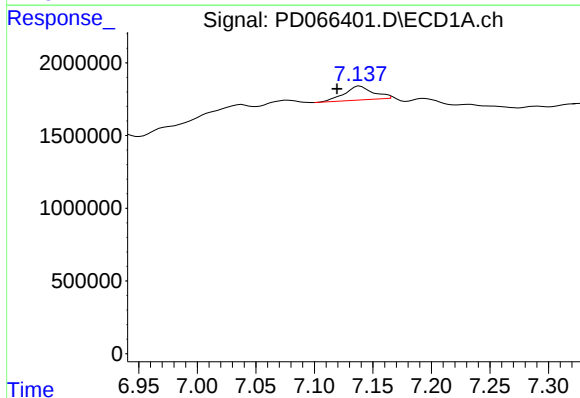
R.T.: 0.000 min  
Exp R.T.: 6.886 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



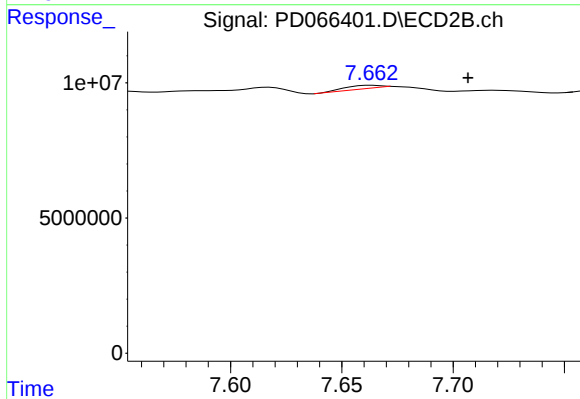
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.057 min  
Response: 3644009  
Conc: 1.12 ng/ml



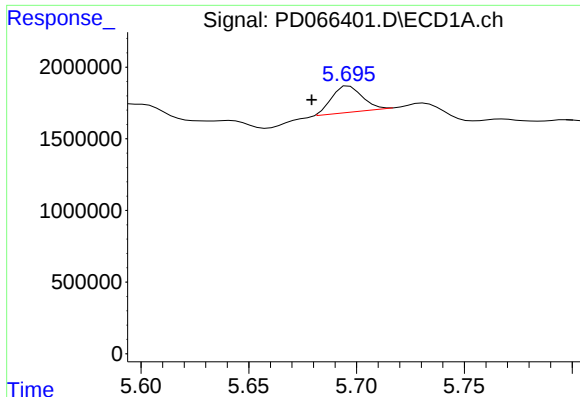
#21 Endrin ketone

R.T.: 7.139 min  
Delta R.T.: 0.019 min  
Response: 1649721  
Conc: 0.71 ng/ml



#21 Endrin ketone

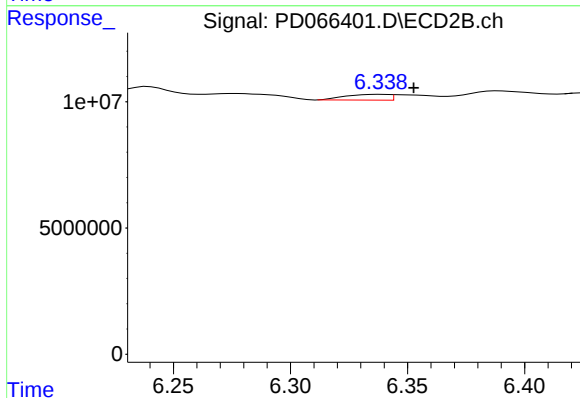
R.T.: 7.663 min  
Delta R.T.: -0.043 min  
Response: 1243436  
Conc: 0.17 ng/ml



#22 Toxaphene-1

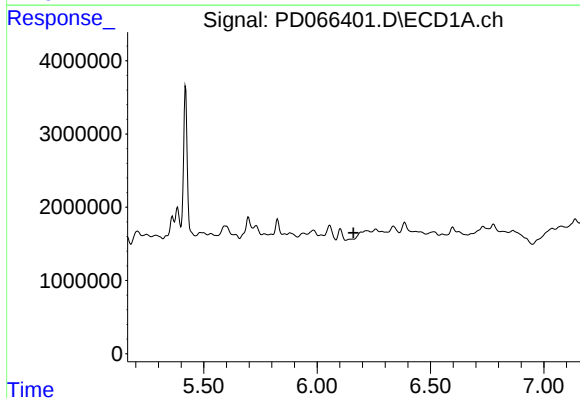
R.T.: 5.697 min  
Delta R.T.: 0.017 min  
Response: 1794003  
Conc: 107.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



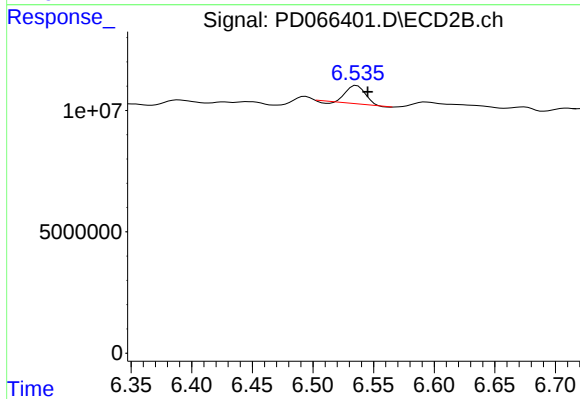
#22 Toxaphene-1

R.T.: 6.339 min  
Delta R.T.: -0.014 min  
Response: 2891124  
Conc: 78.46 ng/ml



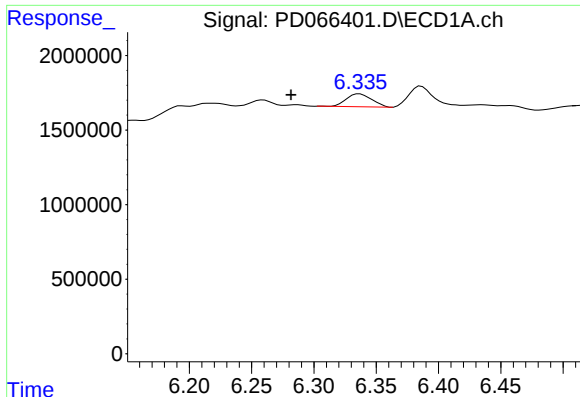
#23 Toxaphene-2

R.T.: 6.195 min  
Delta R.T.: 0.034 min  
Response: -543088  
Conc: N.D.



#23 Toxaphene-2

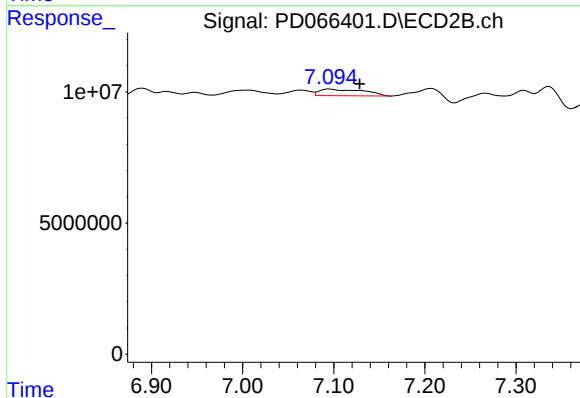
R.T.: 6.536 min  
Delta R.T.: -0.009 min  
Response: 7814116  
Conc: 124.32 ng/ml



#24 Toxaphene-3

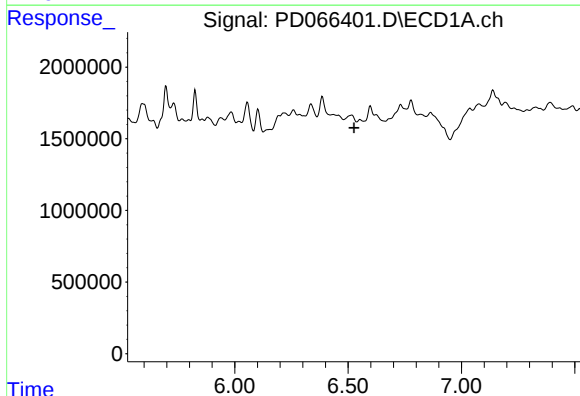
R.T.: 6.337 min  
Delta R.T.: 0.055 min  
Response: 1240520  
Conc: 31.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



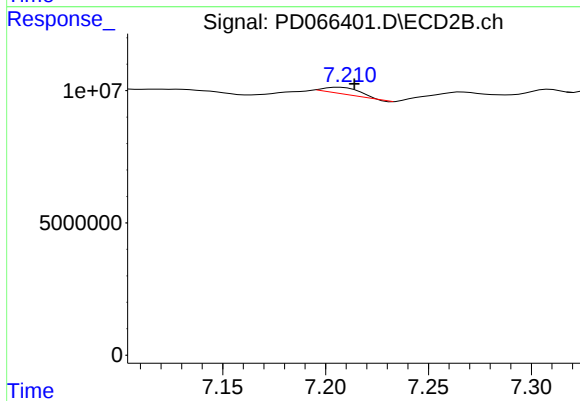
#24 Toxaphene-3

R.T.: 7.095 min  
Delta R.T.: -0.033 min  
Response: 8577336  
Conc: 79.10 ng/ml



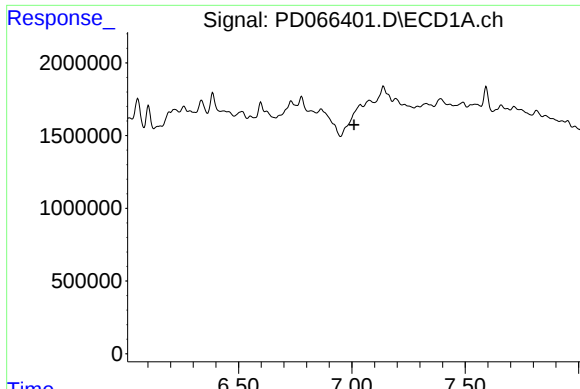
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.526 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

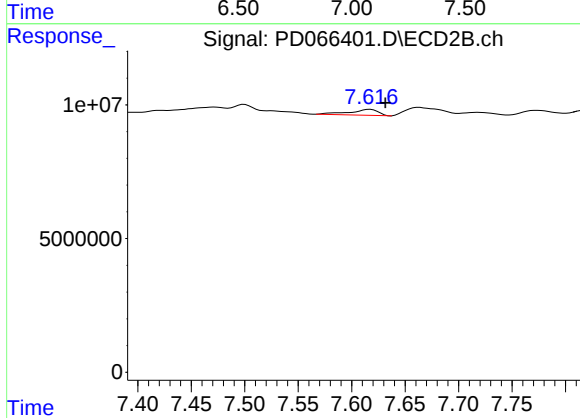
R.T.: 7.207 min  
Delta R.T.: -0.007 min  
Response: 3014828  
Conc: 27.67 ng/ml



#26 Toxaphene-5

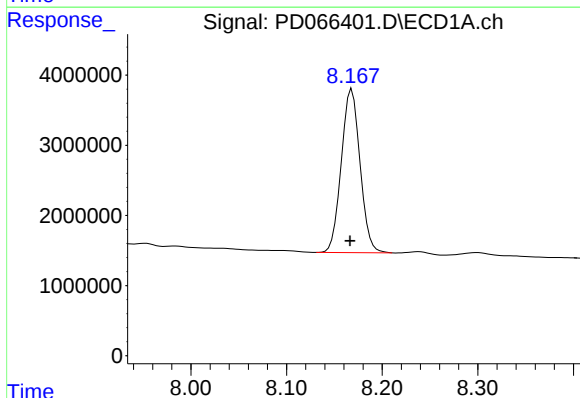
R.T.: 7.038 min  
Delta R.T.: 0.028 min  
Response: -322267  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



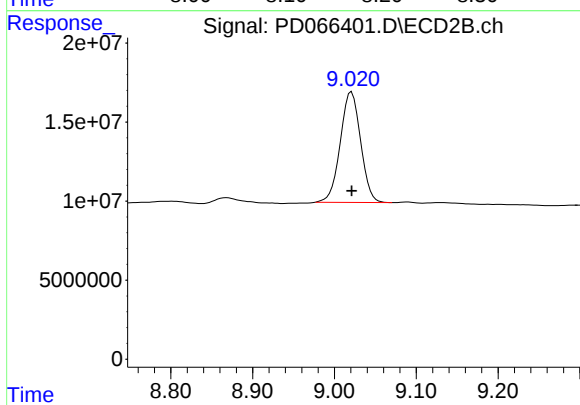
#26 Toxaphene-5

R.T.: 7.617 min  
Delta R.T.: -0.014 min  
Response: 4155241  
Conc: 52.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.168 min  
Delta R.T.: 0.002 min  
Response: 31823302  
Conc: 23.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.000 min  
Response: 120541321  
Conc: 25.38 ng/ml