

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
 Data File : PD064741.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2021 19:48  
 Operator : AR\AJ  
 Sample : M3244-04  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 JCE04

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 06:43:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 28 07:07:14 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... | 5.405  | 4.618  | 21486693 | 185.4E6  | 18.012   | 20.285    |
| 27)                         | SA Decachlor... | 11.303 | 10.361 | 34379752 | 157.8E6  | 26.117   | 26.536    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.029f | 5.318  | 1002982  | 13324551 | 0.616    | 1.081 #   |
| 3)                          | MA gamma-BHC... | 6.388  | 5.732  | 3137500  | 18752510 | 2.000    | 1.644     |
| 4)                          | MA Heptachlor   | 7.052  | 6.118f | 3039568  | 1107149  | 1.809    | <MDL #    |
| 5)                          | MB Aldrin       | 7.385  | 0.000  | 2018660  | 0        | 1.282    | N.D. #    |
| 6)                          | B beta-BHC      | 0.000  | 6.118  | 0        | 1107149  | N.D.     | 0.182     |
| 7)                          | B delta-BHC     | 0.000  | 6.366  | 0        | 17368433 | N.D.     | 1.599     |
| 8)                          | B Heptachlor... | 7.838f | 7.022  | 4529183  | 4262671  | 2.638    | 0.460 #   |
| 9)                          | A Endosulfan I  | 0.000  | 7.473  | 0        | 3031577  | N.D.     | 0.394     |
| 10)                         | B trans-Chl...  | 8.131  | 7.324  | 1215800  | 6850916  | 0.759    | 0.755     |
| 11)                         | B cis-Chlor...  | 0.000  | 7.400  | 0        | 6890594  | N.D.     | 0.775     |
| 12)                         | B 4,4'-DDE      | 8.416  | 7.616  | 21661420 | 16083797 | 15.029   | 2.132 #   |
| 13)                         | MA Dieldrin     | 8.528f | 7.737  | 614333   | 18137059 | 0.412    | 2.258 #   |
| 14)                         | MA Endrin       | 8.819  | 0.000  | 2301184  | 0        | 1.797    | N.D. #    |
| 15)                         | B Endosulfa...  | 9.077  | 8.372f | 4732755  | 1400250  | 3.645    | 0.243 #   |
| 16)                         | A 4,4'-DDD      | 8.955  | 8.129f | 1758463  | 33646740 | 1.432    | 5.842 #   |
| 17)                         | MA 4,4'-DDT     | 9.314  | 8.426  | 2151043  | 13776695 | 1.648    | 2.503 #   |
| 18)                         | B Endrin al...  | 9.199  | 8.521  | 1175923  | 5883573  | 1.038    | 1.192     |
| 19)                         | B Endosulfa...  | 9.424  | 0.000  | 3705630  | 0        | 2.689    | N.D. #    |
| 20)                         | A Methoxychlor  | 9.779  | 8.978f | 5621229  | 32192477 | 7.856    | 12.572 #  |
| 21)                         | B Endrin ke...  | 9.877f | 9.285  | 770752   | 2827277  | 0.509    | 0.471     |
| 22)                         | Toxaphene-1     | 8.416  | 7.699  | 21661420 | 100.1E6  | 2321.396 | 2659.321  |
| 23)                         | Toxaphene-2     | 8.955  | 7.937  | 1758463  | 12513452 | 100.872  | 148.179 # |
| 24)                         | Toxaphene-3     | 9.199  | 8.372  | 1175923  | 1400250  | 97.010   | 12.221 #  |
| 25)                         | Toxaphene-4     | 9.424  | 0.000  | 3705630  | 0        | 154.255  | N.D. #    |
| 26)                         | Toxaphene-5     | 9.877  | 9.112  | 770752   | 11465406 | 41.746   | 91.203 #  |
| -----                       |                 |        |        |          |          |          |           |

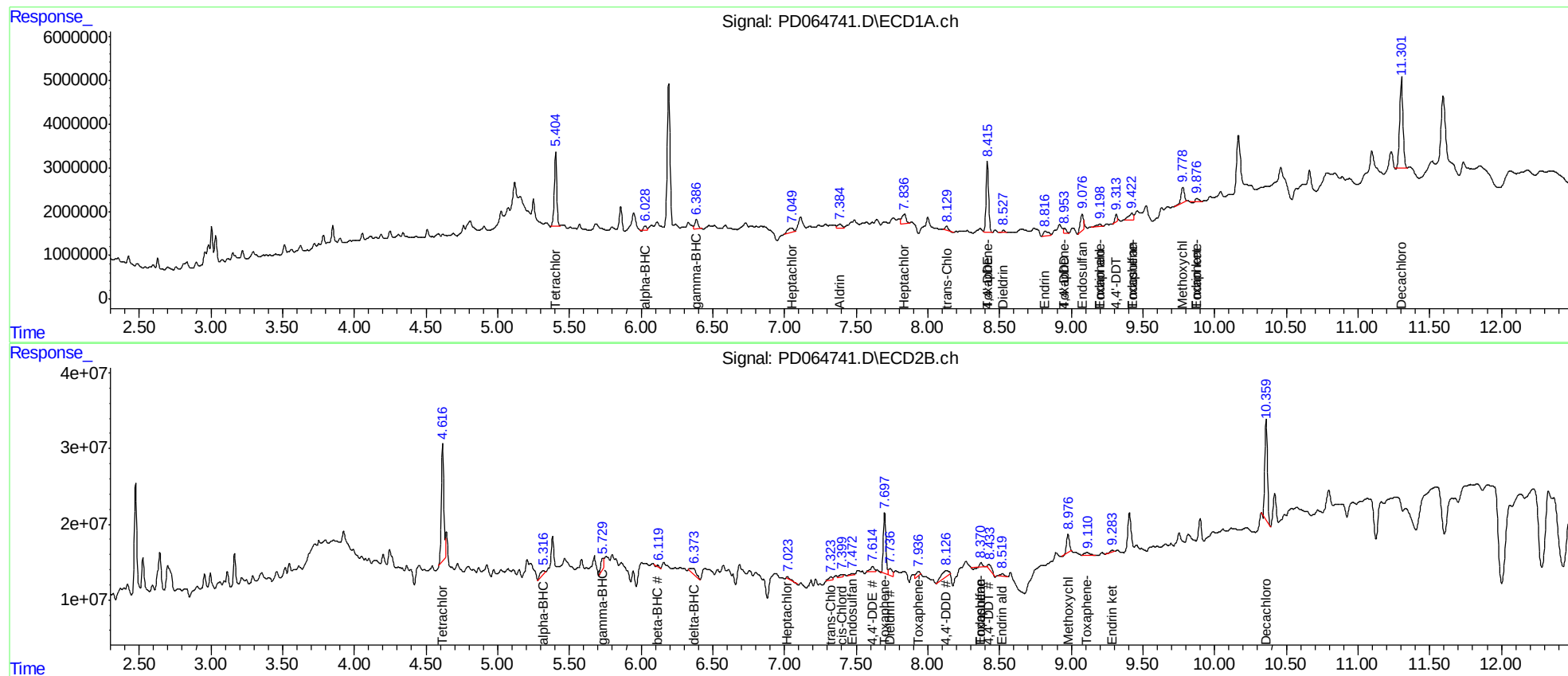
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

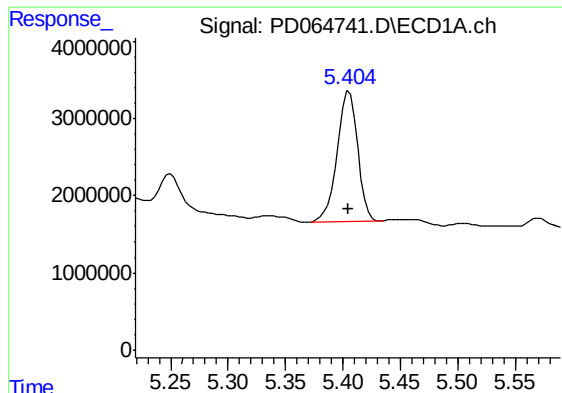
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064741.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 19:48  
Operator : AR\AJ  
Sample : M3244-04  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
JCE04

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 06:43:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 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

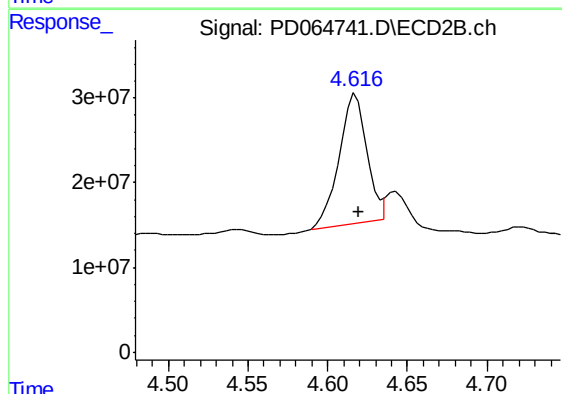




#1 Tetrachloro-m-xylene

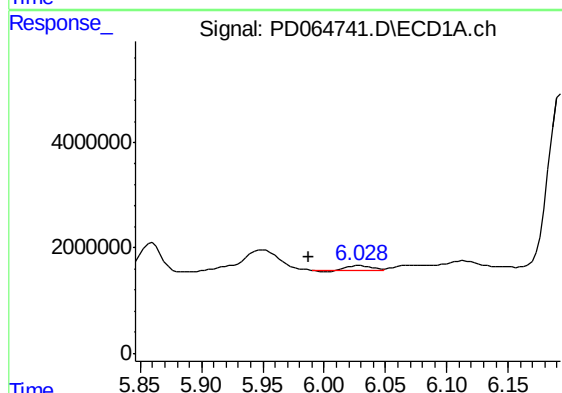
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 21486693  
Conc: 18.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



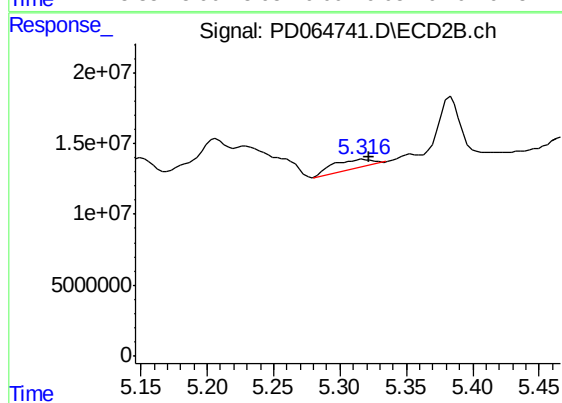
#1 Tetrachloro-m-xylene

R.T.: 4.618 min  
Delta R.T.: -0.002 min  
Response: 185362207  
Conc: 20.29 ng/ml



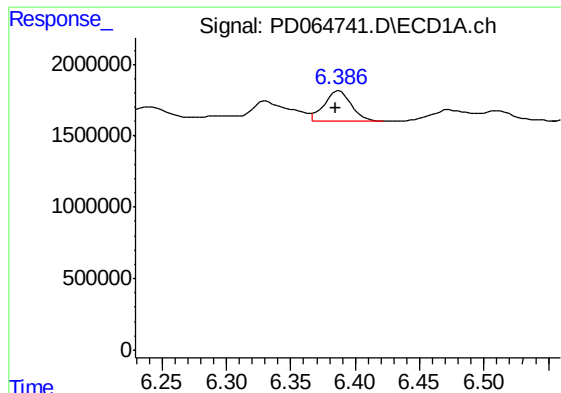
#2 alpha-BHC

R.T.: 6.029 min  
Delta R.T.: 0.041 min  
Response: 1002982  
Conc: 0.62 ng/ml



#2 alpha-BHC

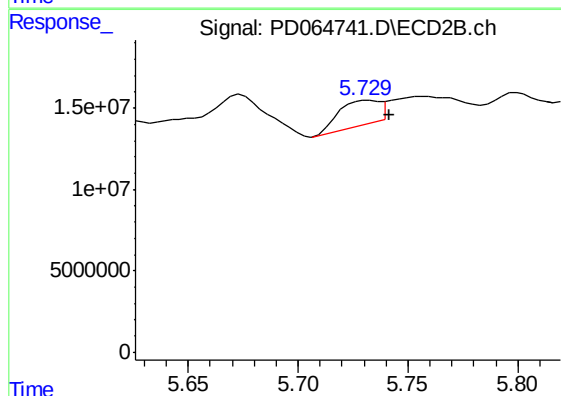
R.T.: 5.318 min  
Delta R.T.: -0.004 min  
Response: 13324551  
Conc: 1.08 ng/ml



#3 gamma-BHC (Lindane)

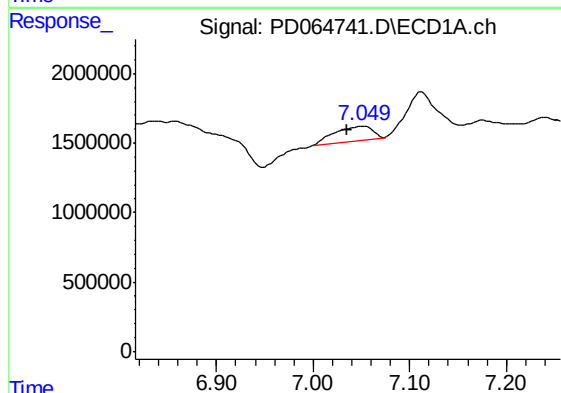
R.T.: 6.388 min  
Delta R.T.: 0.003 min  
Response: 3137500  
Conc: 2.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



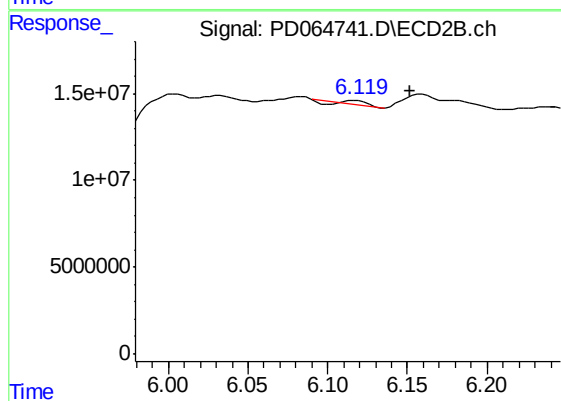
#3 gamma-BHC (Lindane)

R.T.: 5.732 min  
Delta R.T.: -0.010 min  
Response: 18752510  
Conc: 1.64 ng/ml



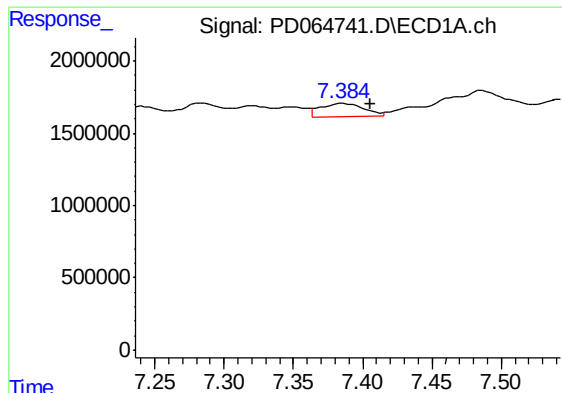
#4 Heptachlor

R.T.: 7.052 min  
Delta R.T.: 0.017 min  
Response: 3039568  
Conc: 1.81 ng/ml



#4 Heptachlor

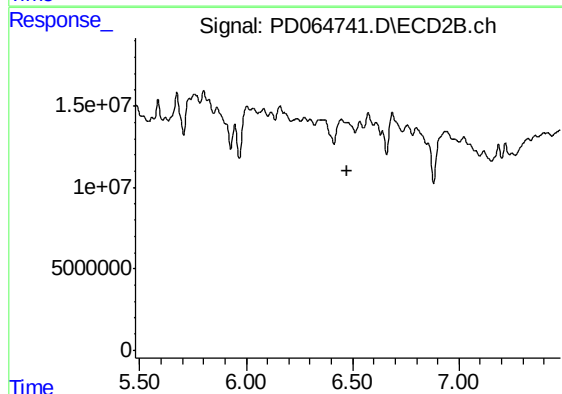
R.T.: 6.118 min  
Delta R.T.: -0.034 min  
Response: 1107149  
Conc: N.D.



#5 Aldrin

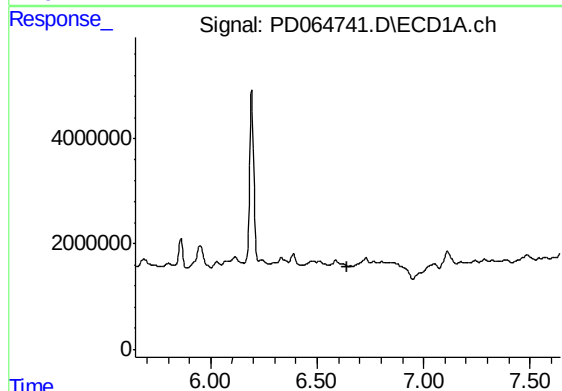
R.T.: 7.385 min  
Delta R.T.: -0.020 min  
Response: 2018660  
Conc: 1.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



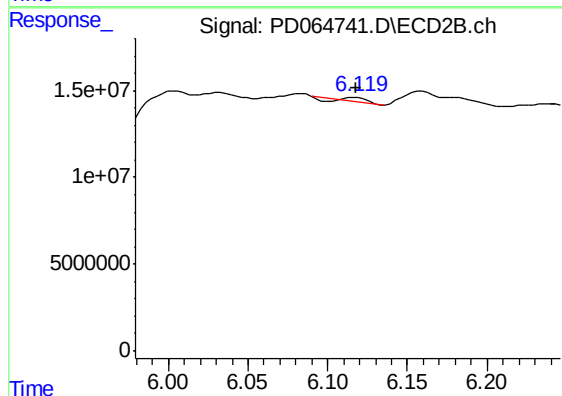
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 6.476 min  
Response: 0  
Conc: N.D.



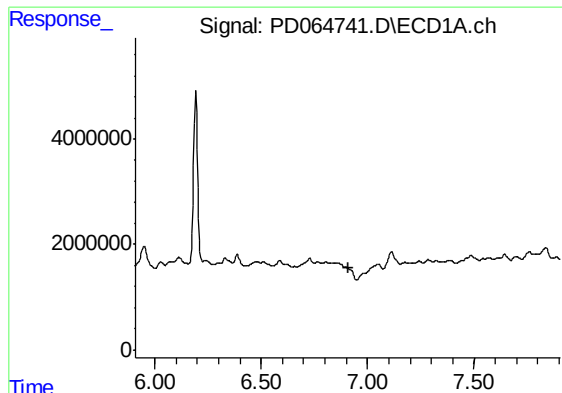
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.644 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

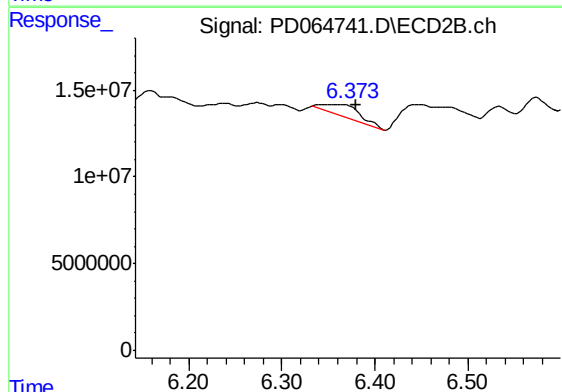
R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 1107149  
Conc: 0.18 ng/ml



#7 delta-BHC

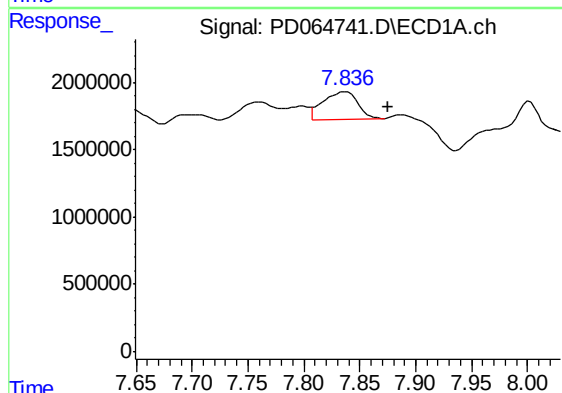
R.T.: 0.000 min  
Exp R.T.: 6.909 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



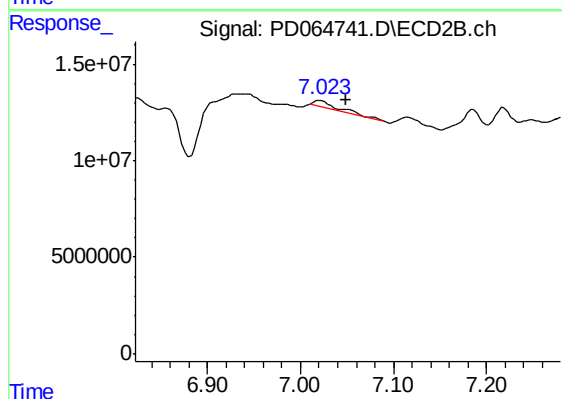
#7 delta-BHC

R.T.: 6.366 min  
Delta R.T.: -0.014 min  
Response: 17368433  
Conc: 1.60 ng/ml



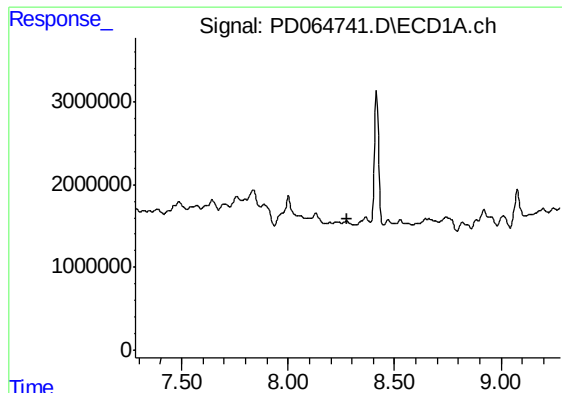
#8 Heptachlor epoxide

R.T.: 7.838 min  
Delta R.T.: -0.038 min  
Response: 4529183  
Conc: 2.64 ng/ml



#8 Heptachlor epoxide

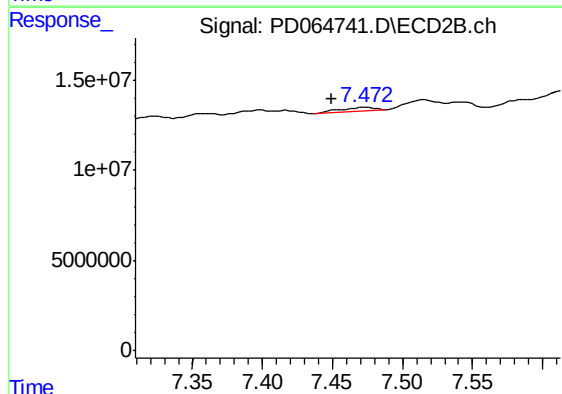
R.T.: 7.022 min  
Delta R.T.: -0.027 min  
Response: 4262671  
Conc: 0.46 ng/ml



#9 Endosulfan I

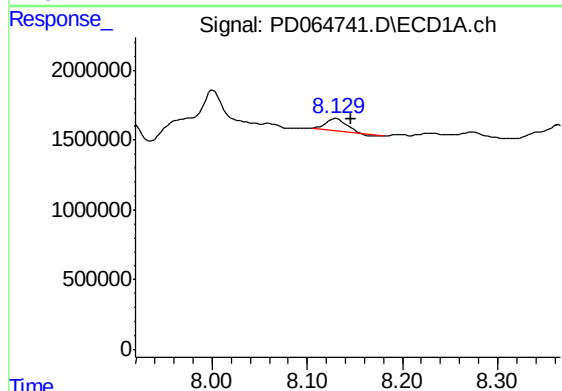
R.T.: 0.000 min  
Exp R.T.: 8.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



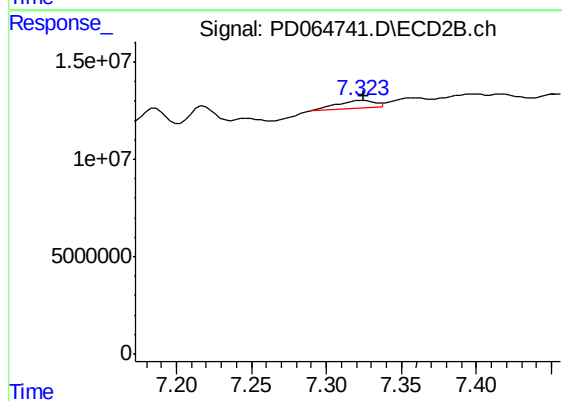
#9 Endosulfan I

R.T.: 7.473 min  
Delta R.T.: 0.024 min  
Response: 3031577  
Conc: 0.39 ng/ml



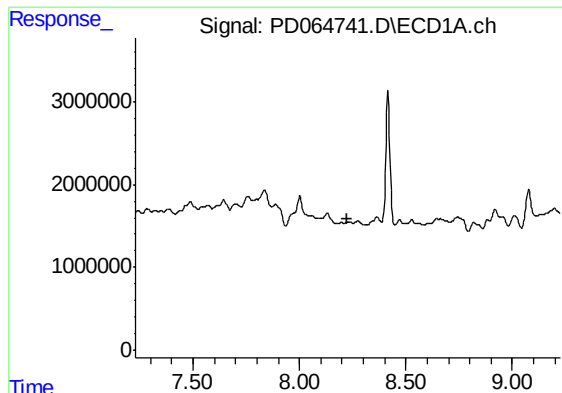
#10 trans-Chlordane

R.T.: 8.131 min  
Delta R.T.: -0.016 min  
Response: 1215800  
Conc: 0.76 ng/ml



#10 trans-Chlordane

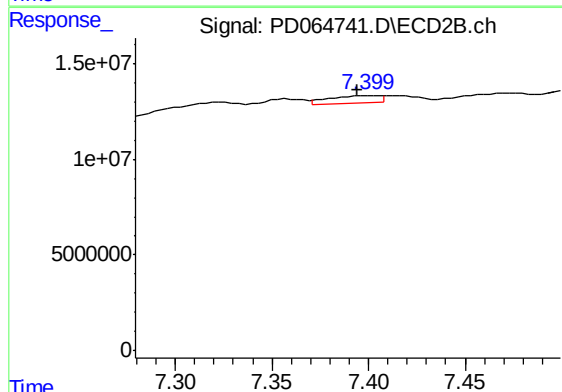
R.T.: 7.324 min  
Delta R.T.: -0.001 min  
Response: 6850916  
Conc: 0.76 ng/ml



#11 cis-Chlordane

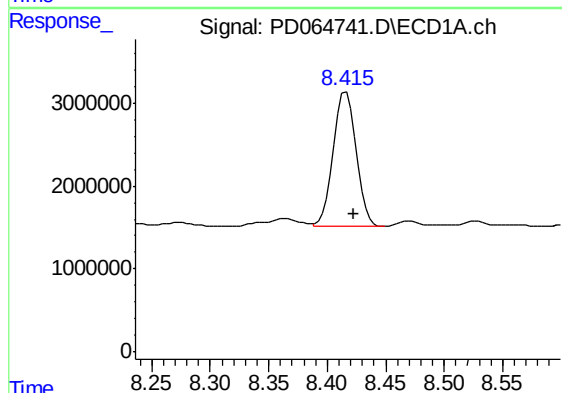
R.T.: 0.000 min  
Exp R.T.: 8.227 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



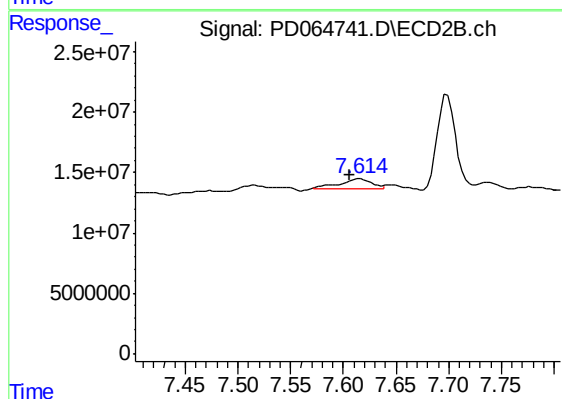
#11 cis-Chlordane

R.T.: 7.400 min  
Delta R.T.: 0.006 min  
Response: 6890594  
Conc: 0.77 ng/ml



#12 4,4'-DDE

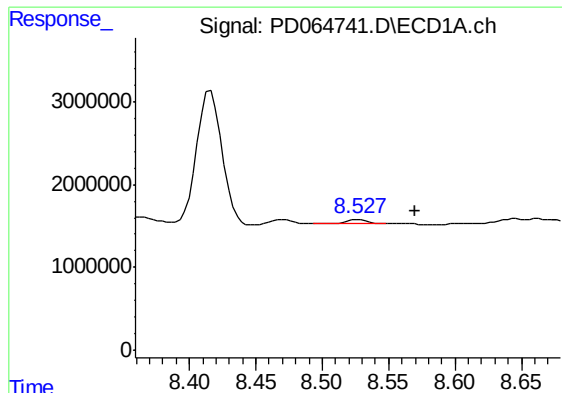
R.T.: 8.416 min  
Delta R.T.: -0.006 min  
Response: 21661420  
Conc: 15.03 ng/ml



#12 4,4'-DDE

R.T.: 7.616 min  
Delta R.T.: 0.010 min  
Response: 16083797  
Conc: 2.13 ng/ml

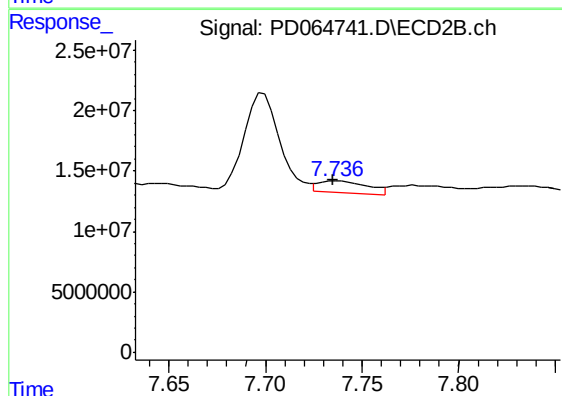




#13 Dielddrin

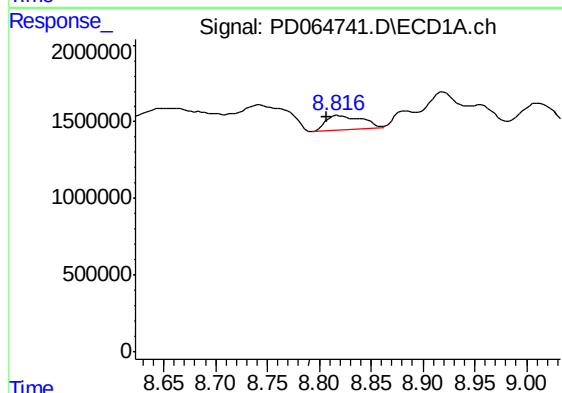
R.T.: 8.528 min  
Delta R.T.: -0.042 min  
Response: 614333  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



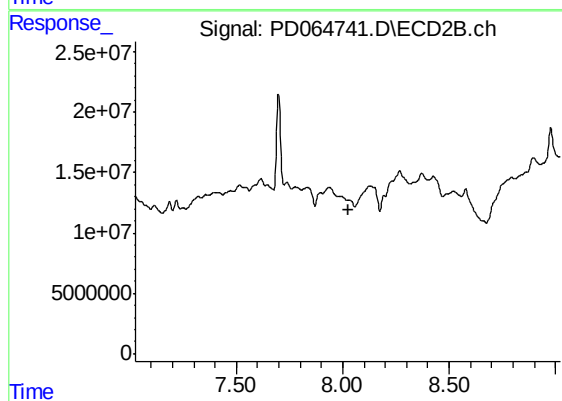
#13 Dielddrin

R.T.: 7.737 min  
Delta R.T.: 0.002 min  
Response: 18137059  
Conc: 2.26 ng/ml



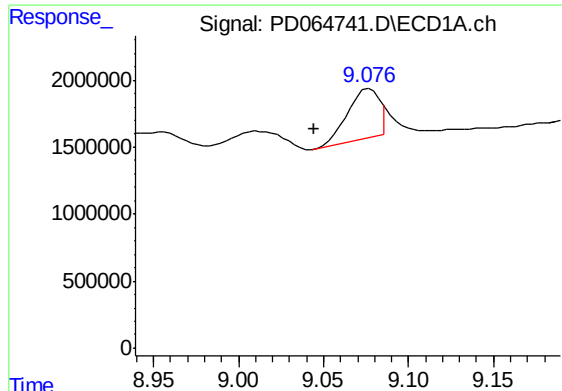
#14 Endrin

R.T.: 8.819 min  
Delta R.T.: 0.011 min  
Response: 2301184  
Conc: 1.80 ng/ml



#14 Endrin

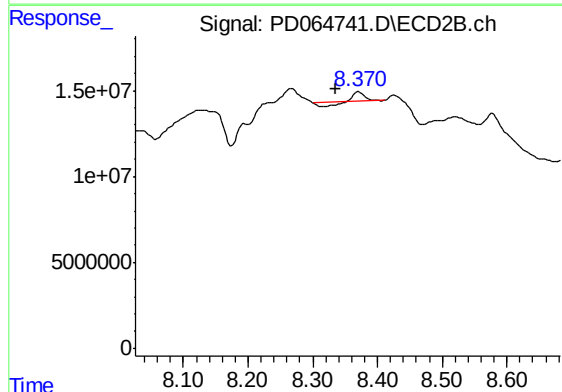
R.T.: 0.000 min  
Exp R.T. : 8.025 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

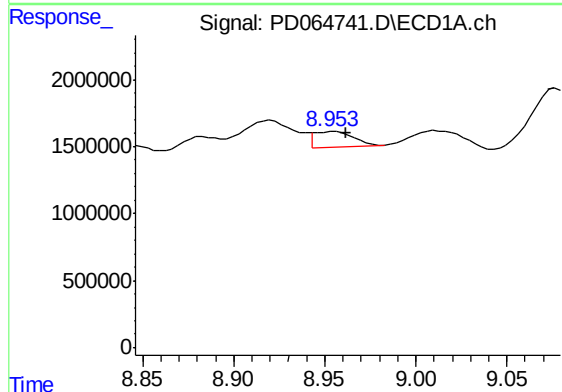
R.T.: 9.077 min  
Delta R.T.: 0.032 min  
Response: 4732755  
Conc: 3.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



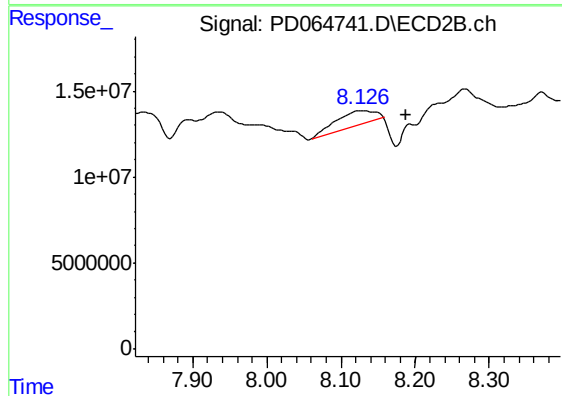
#15 Endosulfan II

R.T.: 8.372 min  
Delta R.T.: 0.037 min  
Response: 1400250  
Conc: 0.24 ng/ml



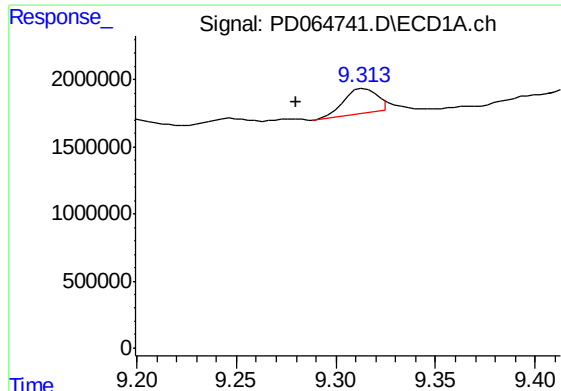
#16 4,4'-DDD

R.T.: 8.955 min  
Delta R.T.: -0.007 min  
Response: 1758463  
Conc: 1.43 ng/ml



#16 4,4'-DDD

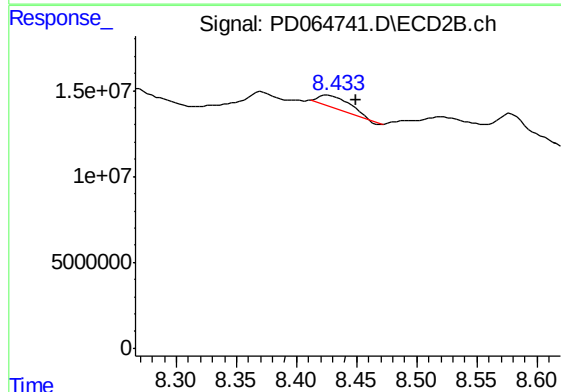
R.T.: 8.129 min  
Delta R.T.: -0.060 min  
Response: 33646740  
Conc: 5.84 ng/ml



#17 4,4'-DDT

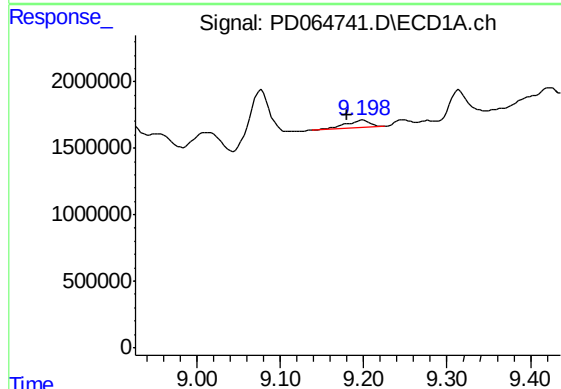
R.T.: 9.314 min  
Delta R.T.: 0.035 min  
Response: 2151043  
Conc: 1.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



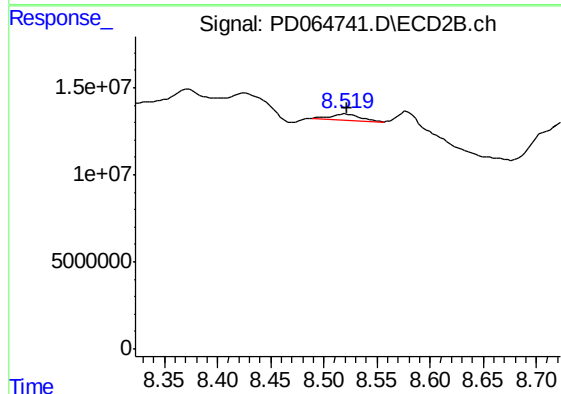
#17 4,4'-DDT

R.T.: 8.426 min  
Delta R.T.: -0.024 min  
Response: 13776695  
Conc: 2.50 ng/ml



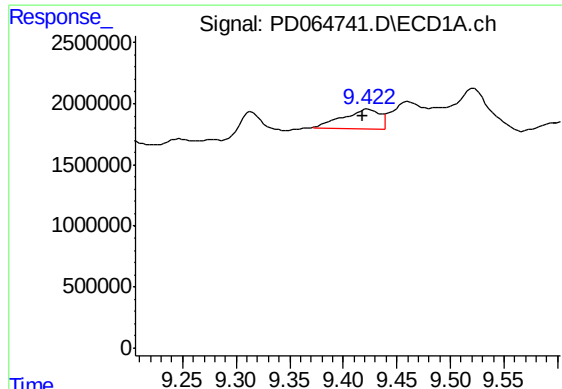
#18 Endrin aldehyde

R.T.: 9.199 min  
Delta R.T.: 0.019 min  
Response: 1175923  
Conc: 1.04 ng/ml



#18 Endrin aldehyde

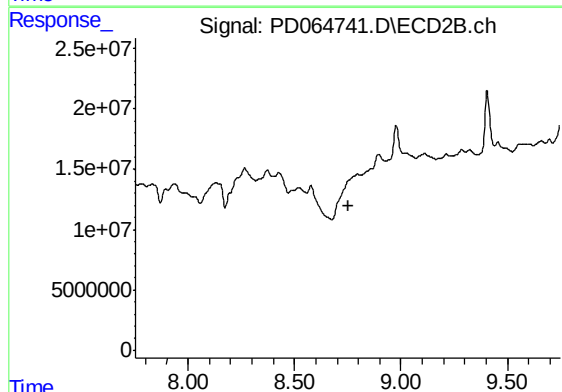
R.T.: 8.521 min  
Delta R.T.: -0.002 min  
Response: 5883573  
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

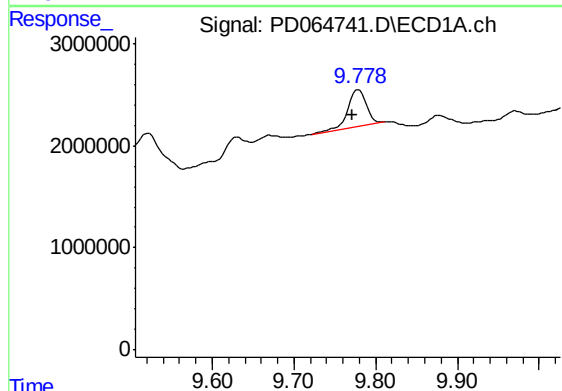
R.T.: 9.424 min  
Delta R.T.: 0.005 min  
Response: 3705630  
Conc: 2.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



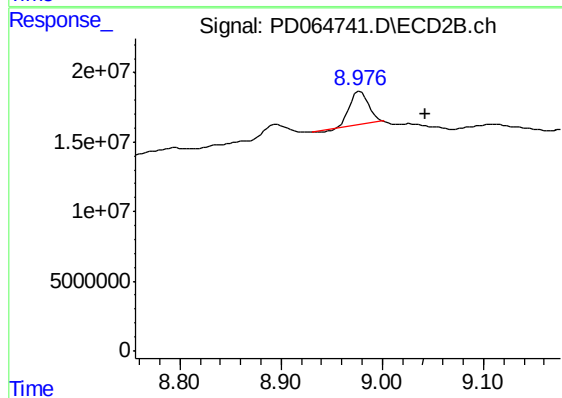
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 8.752 min  
Response: 0  
Conc: N.D.



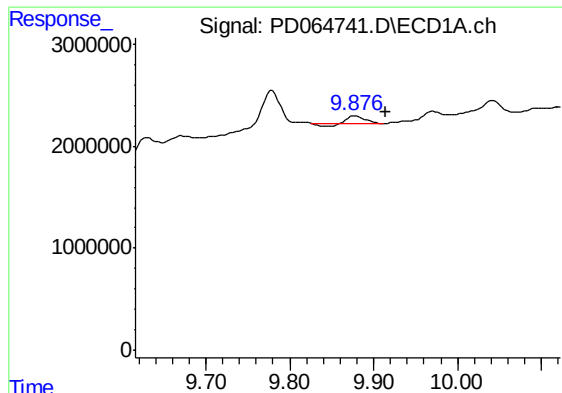
#20 Methoxychlor

R.T.: 9.779 min  
Delta R.T.: 0.008 min  
Response: 5621229  
Conc: 7.86 ng/ml



#20 Methoxychlor

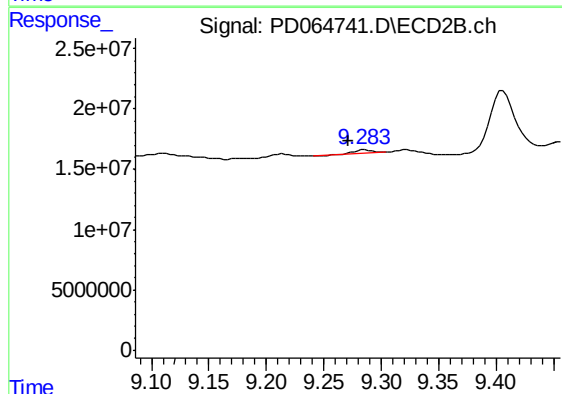
R.T.: 8.978 min  
Delta R.T.: -0.064 min  
Response: 32192477  
Conc: 12.57 ng/ml



#21 Endrin ketone

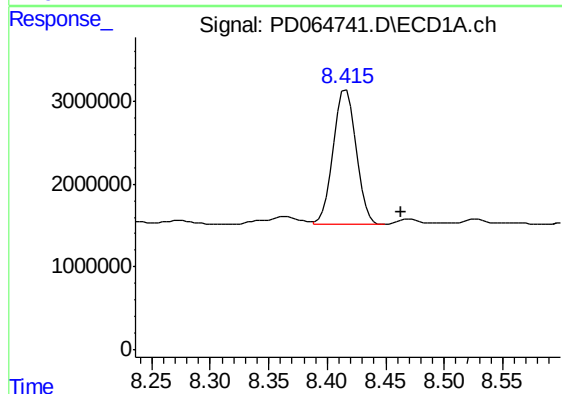
R.T.: 9.877 min  
Delta R.T.: -0.037 min  
Response: 770752  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



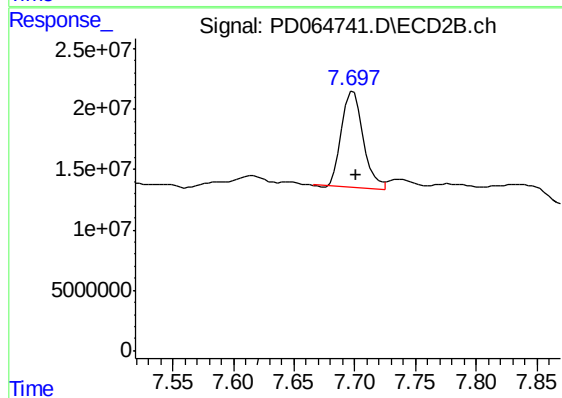
#21 Endrin ketone

R.T.: 9.285 min  
Delta R.T.: 0.014 min  
Response: 2827277  
Conc: 0.47 ng/ml



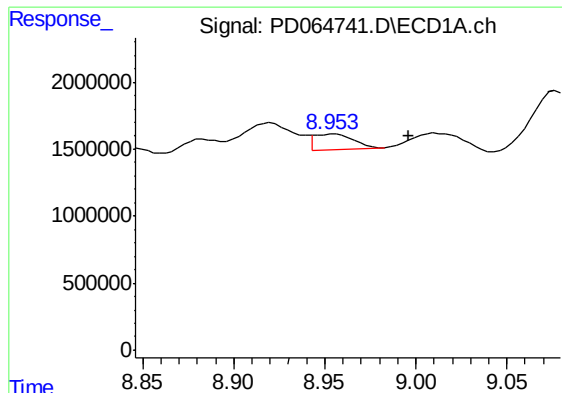
#22 Toxaphene-1

R.T.: 8.416 min  
Delta R.T.: -0.046 min  
Response: 21661420  
Conc: 2321.40 ng/ml



#22 Toxaphene-1

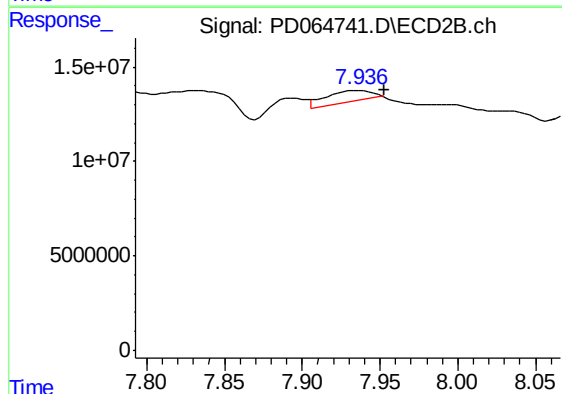
R.T.: 7.699 min  
Delta R.T.: -0.002 min  
Response: 100058223  
Conc: 2659.32 ng/ml



#23 Toxaphene-2

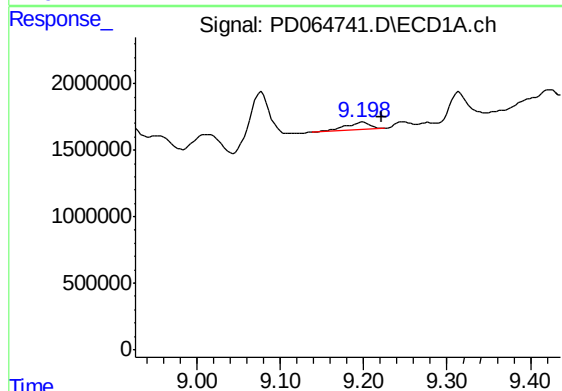
R.T.: 8.955 min  
Delta R.T.: -0.042 min  
Response: 1758463  
Conc: 100.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



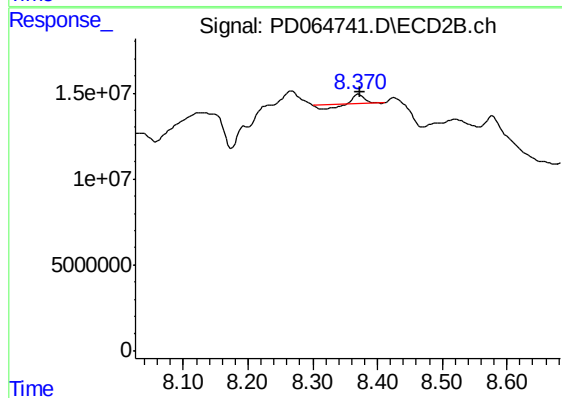
#23 Toxaphene-2

R.T.: 7.937 min  
Delta R.T.: -0.016 min  
Response: 12513452  
Conc: 148.18 ng/ml



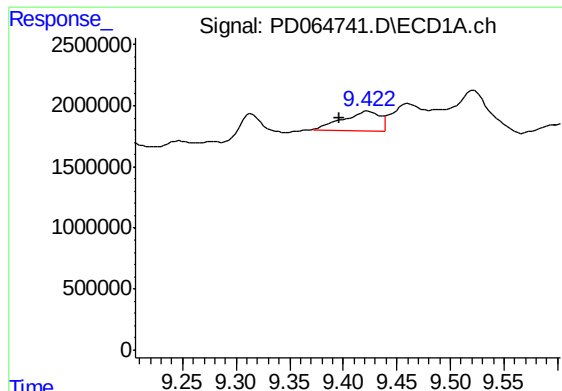
#24 Toxaphene-3

R.T.: 9.199 min  
Delta R.T.: -0.023 min  
Response: 1175923  
Conc: 97.01 ng/ml



#24 Toxaphene-3

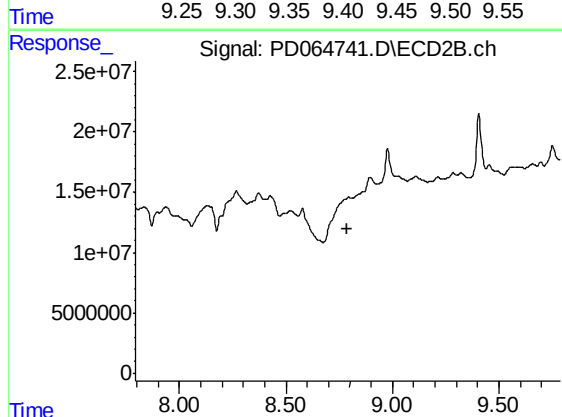
R.T.: 8.372 min  
Delta R.T.: 0.000 min  
Response: 1400250  
Conc: 12.22 ng/ml



#25 Toxaphene-4

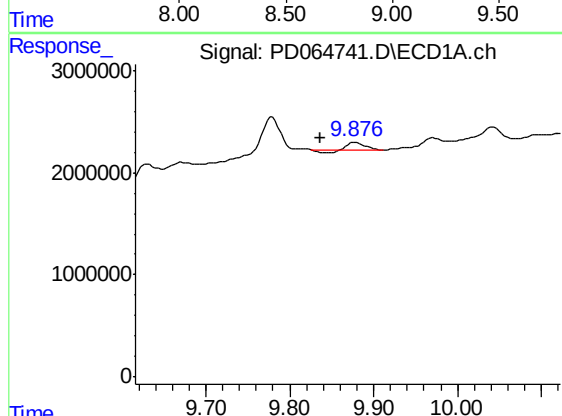
R.T.: 9.424 min  
Delta R.T.: 0.027 min  
Response: 3705630  
Conc: 154.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



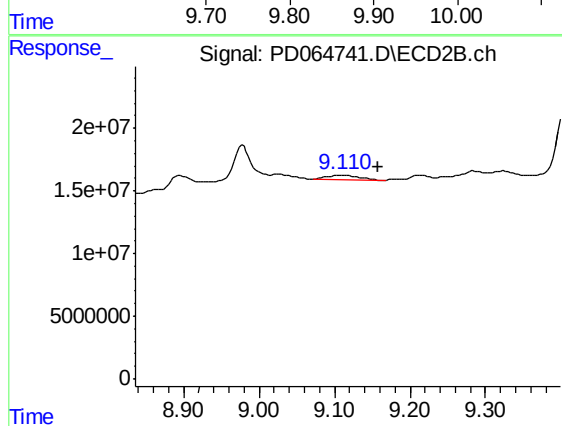
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 8.790 min  
Response: 0  
Conc: N.D.



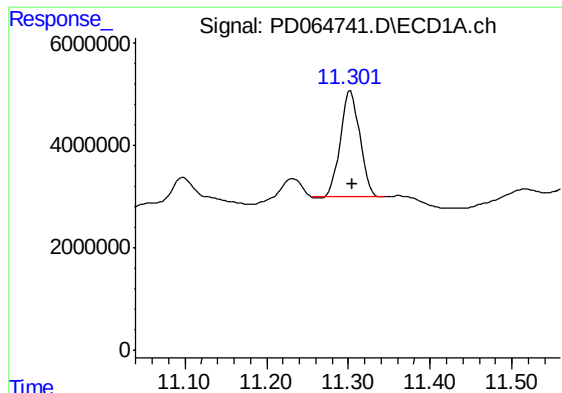
#26 Toxaphene-5

R.T.: 9.877 min  
Delta R.T.: 0.041 min  
Response: 770752  
Conc: 41.75 ng/ml



#26 Toxaphene-5

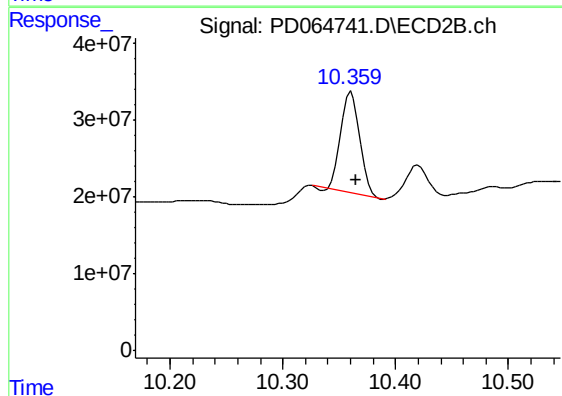
R.T.: 9.112 min  
Delta R.T.: -0.046 min  
Response: 11465406  
Conc: 91.20 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.303 min  
Delta R.T.: -0.002 min  
Response: 34379752  
Conc: 26.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
JCE04



#27 Decachlorobiphenyl

R.T.: 10.361 min  
Delta R.T.: -0.005 min  
Response: 157808561  
Conc: 26.54 ng/ml