

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042921\  
 Data File : PD062547.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2021 16:02  
 Operator : AR\AJ  
 Sample : M2127-15  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:57:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 30 02:49:51 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

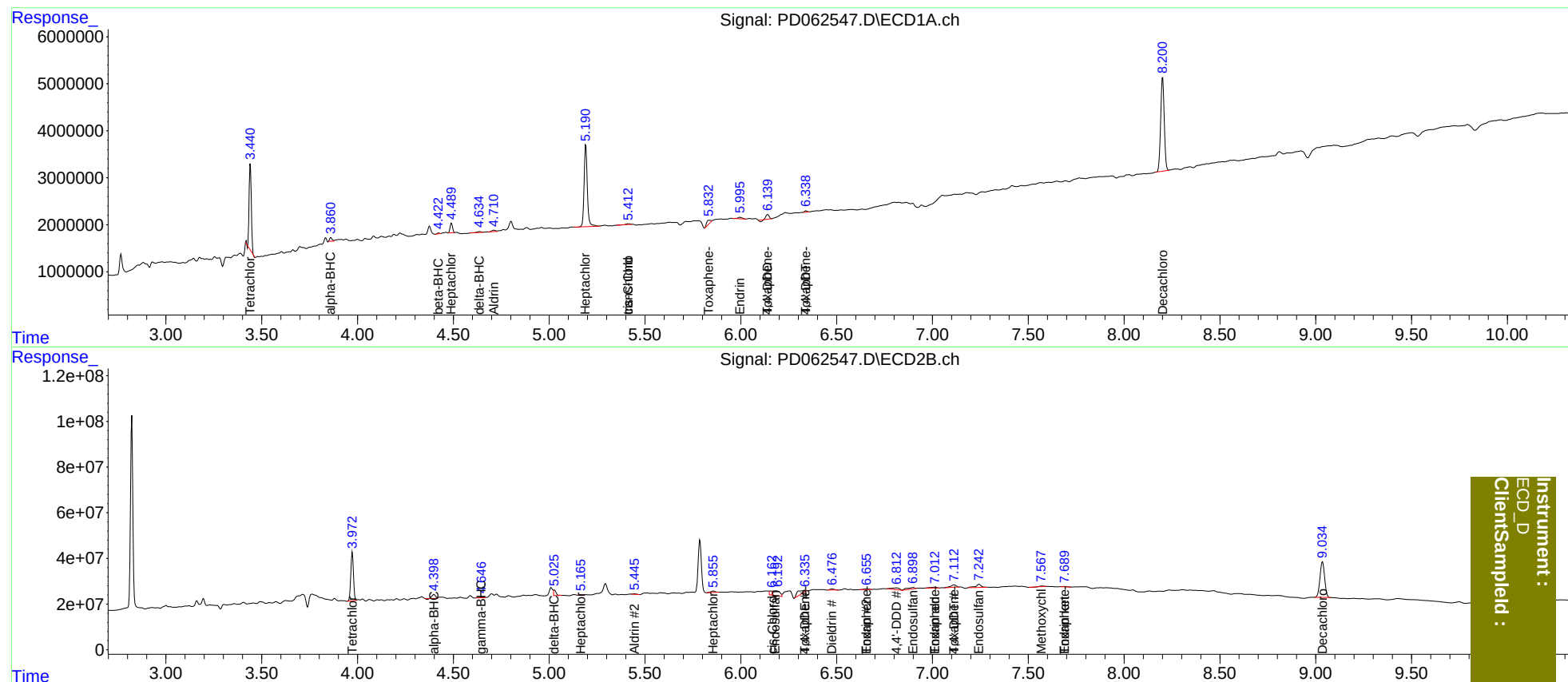
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.441  | 3.973  | 14341391 | 202.9E6  | 14.980  | 16.712   |
| 27)                         | SA Decachlor... | 8.202  | 9.035  | 25891120 | 263.9E6  | 24.121  | 24.180   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.862  | 4.400f | 686775   | 22191799 | 0.491   | 1.173 #  |
| 3)                          | MA gamma-BHC... | 4.166  | 4.648  | -41395   | 6291924  | N.D.    | 0.364    |
| 4)                          | MA Heptachlor   | 4.491f | 5.167  | 1871791  | 2734228  | 1.458   | 0.157 #  |
| 5)                          | MB Aldrin       | 4.712  | 5.446  | 369436   | 2675562  | 0.284   | 0.155 #  |
| 6)                          | B beta-BHC      | 4.424  | 0.000  | 177656   | 0        | 0.286   | N.D. #   |
| 7)                          | B delta-BHC     | 4.636  | 5.027  | 301908   | 22560070 | 0.222   | 1.216 #  |
| 8)                          | B Heptachlo...  | 5.191f | 5.857  | 20224428 | 10624117 | 16.503  | 0.662 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.181  | 0        | 58932605 | N.D.    | 4.018    |
| 10)                         | B trans-Chl...  | 5.414  | 6.033f | 245118   | 794039   | 0.196   | <MDL #   |
| 11)                         | B cis-Chlor...  | 5.414  | 6.157  | 245118   | 14580999 | 0.200   | 0.939 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.339  | 0        | 48742586 | N.D.    | 3.111    |
| 13)                         | MA Dieldrin     | 5.715  | 6.477  | -408827  | 8171437  | N.D.    | 0.527    |
| 14)                         | MA Endrin       | 5.996  | 6.656  | 532517   | 5200766  | 0.503   | 0.417    |
| 15)                         | B Endosulfa...  | 0.000  | 6.899  | 0        | 18061272 | N.D.    | 1.443    |
| 16)                         | A 4,4'-DDD      | 6.141  | 6.812  | 865717   | 20766915 | 0.869   | 1.671 #  |
| 17)                         | MA 4,4'-DDT     | 6.340  | 7.114  | 262737   | 21096567 | 0.281   | 1.777 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.013  | 0        | 8115512  | N.D.    | 0.744    |
| 19)                         | B Endosulfa...  | 0.000  | 7.243  | 0        | 28062818 | N.D.    | 2.199    |
| 20)                         | A Methoxychlor  | 0.000  | 7.569  | 0        | 3399649  | N.D.    | 0.600    |
| 21)                         | B Endrin ke...  | 0.000  | 7.690  | 0        | 2553948  | N.D.    | 0.208    |
| 22)                         | Toxaphene-1     | 5.715  | 6.339  | -408827  | 48742586 | N.D.    | 733.613  |
| 23)                         | Toxaphene-2     | 5.835  | 6.656  | 1090959  | 5200766  | 148.237 | 62.450 # |
| 24)                         | Toxaphene-3     | 6.141  | 7.013  | 865717   | 8115512  | 105.355 | 73.613 # |
| 25)                         | Toxaphene-4     | 6.340  | 7.114  | 262737   | 21096567 | 13.642  | 66.260 # |
| -----                       |                 |        |        |          |          |         |          |

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

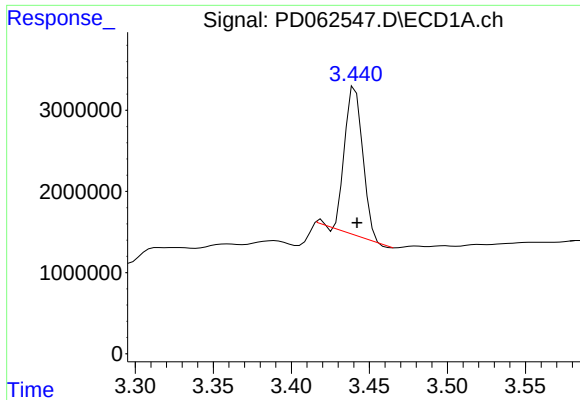
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042921\  
Data File : PD062547.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2021 16:02  
Operator : AR\AJ  
Sample : M2127-15  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:57:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042921CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 30 02:49:51 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



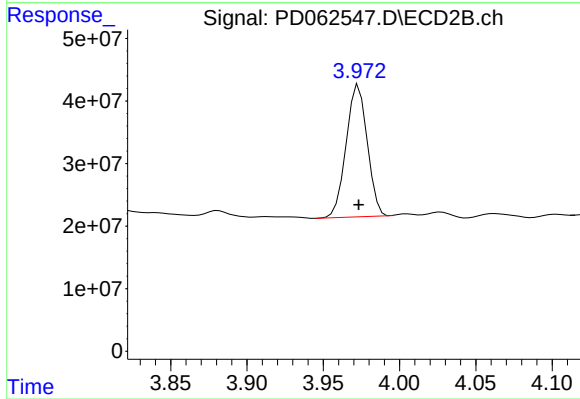
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

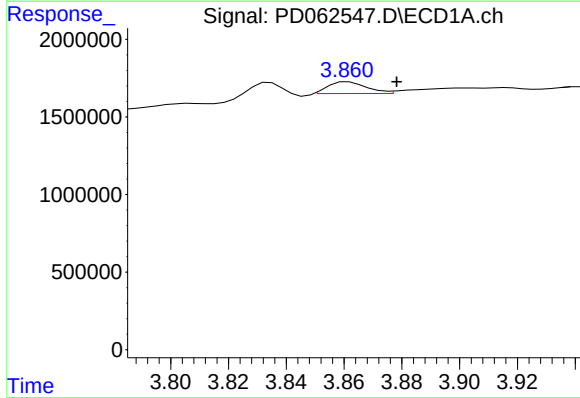
R.T.: 3.441 min  
Delta R.T.: -0.001 min  
Response: 14341391  
Conc: 14.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



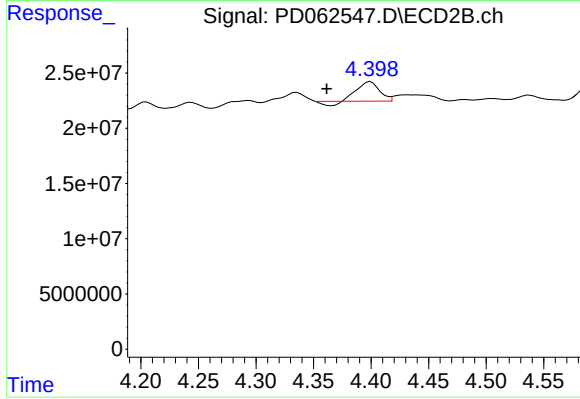
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: 0.000 min  
Response: 202940414  
Conc: 16.71 ng/ml



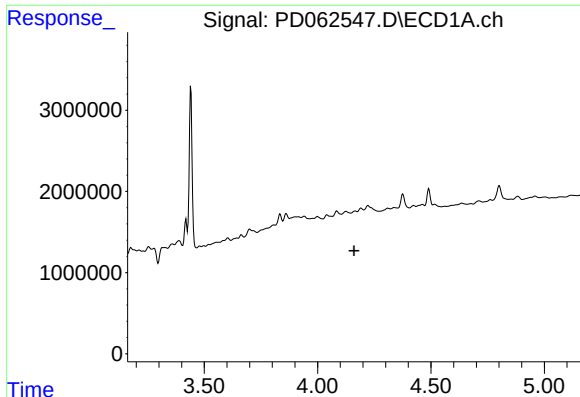
#2 alpha-BHC

R.T.: 3.862 min  
Delta R.T.: -0.017 min  
Response: 686775  
Conc: 0.49 ng/ml



#2 alpha-BHC

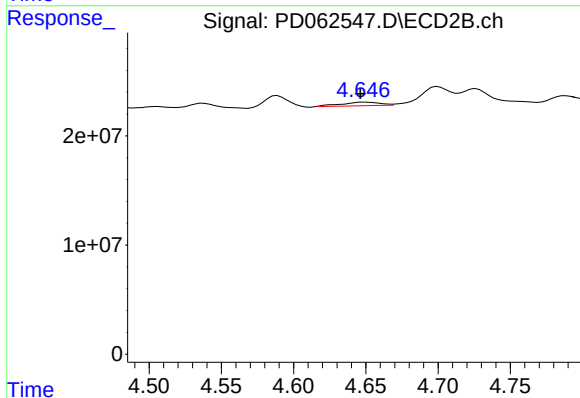
R.T.: 4.400 min  
Delta R.T.: 0.038 min  
Response: 22191799  
Conc: 1.17 ng/ml



#3 gamma-BHC (Lindane)

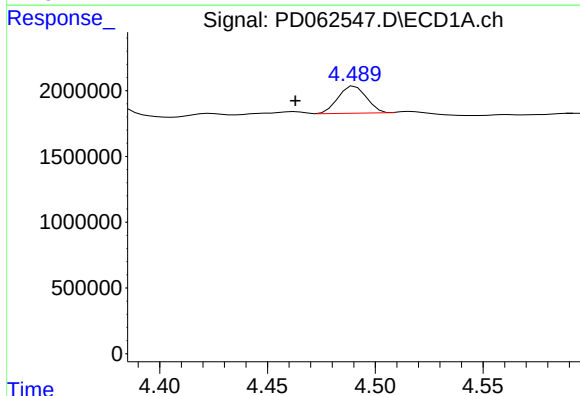
R.T.: 4.166 min  
Delta R.T.: 0.005 min  
Response: -41395  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



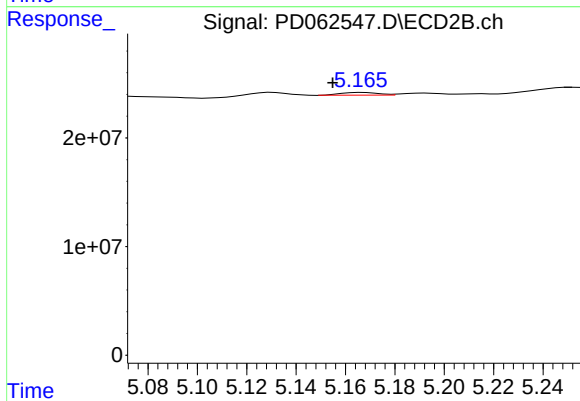
#3 gamma-BHC (Lindane)

R.T.: 4.648 min  
Delta R.T.: 0.002 min  
Response: 6291924  
Conc: 0.36 ng/ml



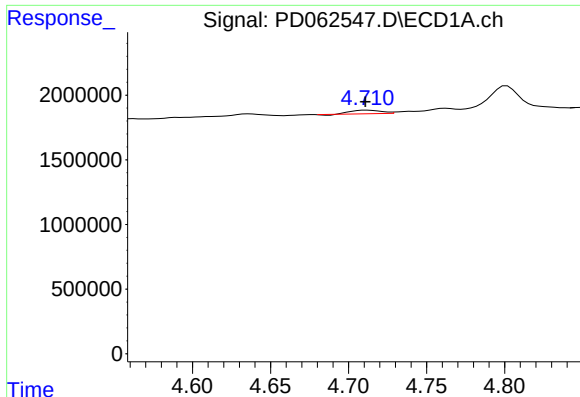
#4 Heptachlor

R.T.: 4.491 min  
Delta R.T.: 0.028 min  
Response: 1871791  
Conc: 1.46 ng/ml



#4 Heptachlor

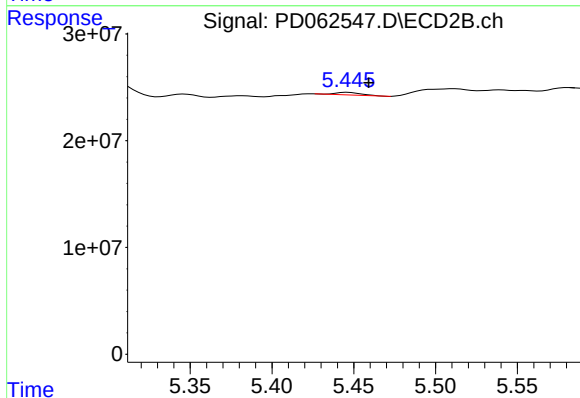
R.T.: 5.167 min  
Delta R.T.: 0.012 min  
Response: 2734228  
Conc: 0.16 ng/ml



#5 Aldrin

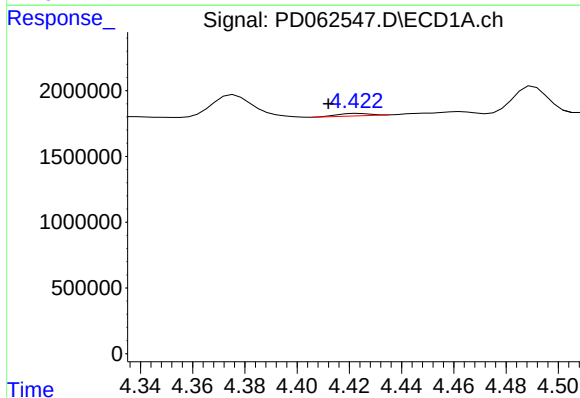
R.T.: 4.712 min  
Delta R.T.: 0.001 min  
Response: 369436  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



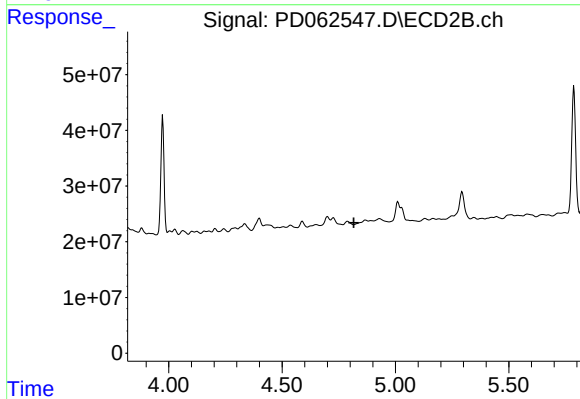
#5 Aldrin

R.T.: 5.446 min  
Delta R.T.: -0.013 min  
Response: 2675562  
Conc: 0.15 ng/ml



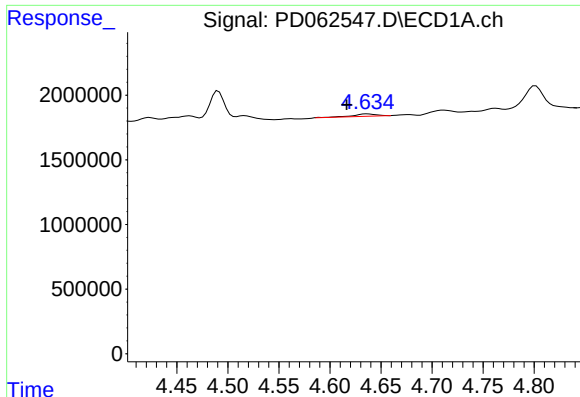
#6 beta-BHC

R.T.: 4.424 min  
Delta R.T.: 0.012 min  
Response: 177656  
Conc: 0.29 ng/ml



#6 beta-BHC

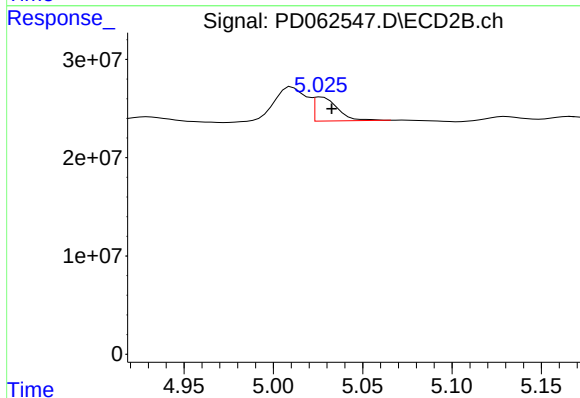
R.T.: 0.000 min  
Exp R.T.: 4.816 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

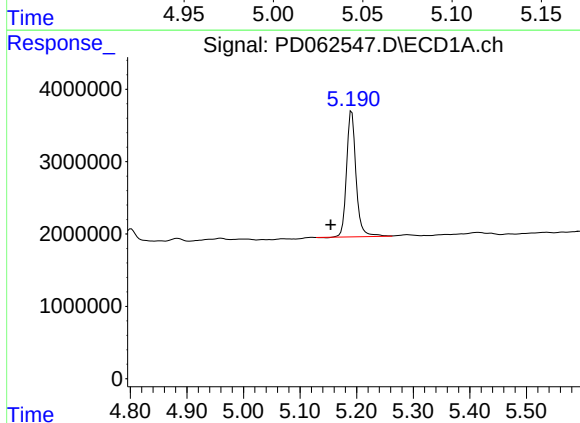
R.T.: 4.636 min  
Delta R.T.: 0.020 min  
Response: 301908  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



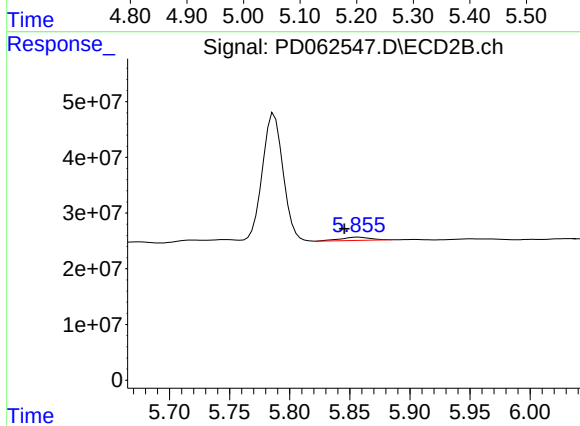
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: -0.006 min  
Response: 22560070  
Conc: 1.22 ng/ml



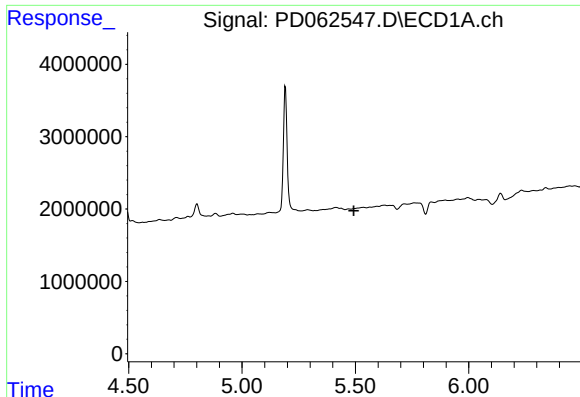
#8 Heptachlor epoxide

R.T.: 5.191 min  
Delta R.T.: 0.037 min  
Response: 20224428  
Conc: 16.50 ng/ml



#8 Heptachlor epoxide

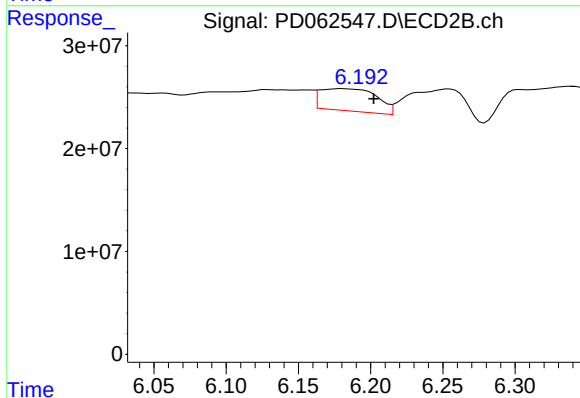
R.T.: 5.857 min  
Delta R.T.: 0.011 min  
Response: 10624117  
Conc: 0.66 ng/ml



#9 Endosulfan I

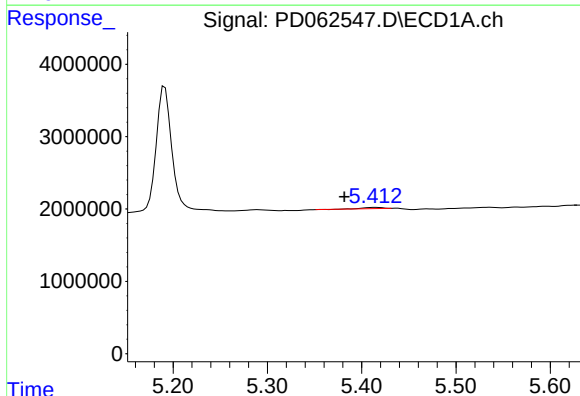
R.T.: 0.000 min  
Exp R.T.: 5.494 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



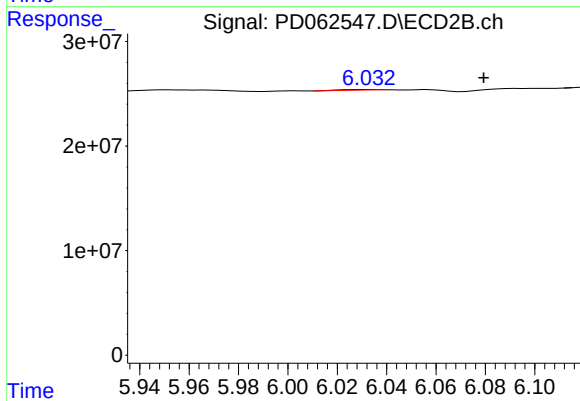
#9 Endosulfan I

R.T.: 6.181 min  
Delta R.T.: -0.022 min  
Response: 58932605  
Conc: 4.02 ng/ml



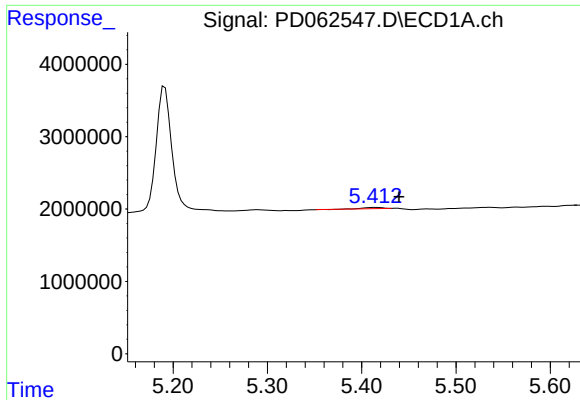
#10 trans-Chlordane

R.T.: 5.414 min  
Delta R.T.: 0.032 min  
Response: 245118  
Conc: 0.20 ng/ml



#10 trans-Chlordane

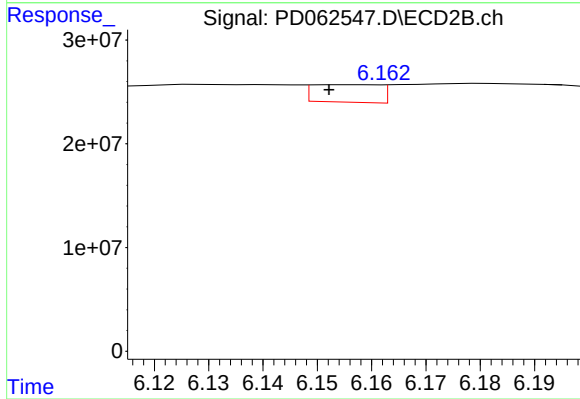
R.T.: 6.033 min  
Delta R.T.: -0.046 min  
Response: 794039  
Conc: N.D.



#11 cis-Chlordane

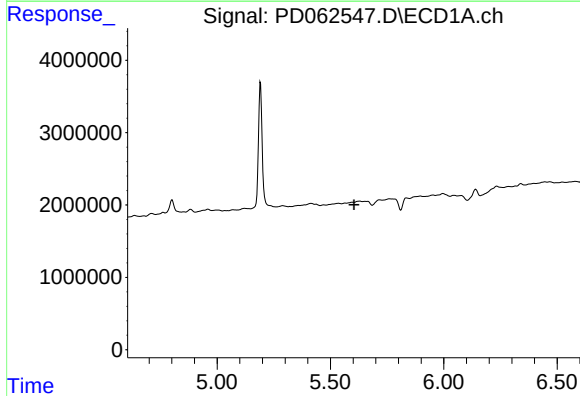
R.T.: 5.414 min  
Delta R.T.: -0.026 min  
Response: 245118  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



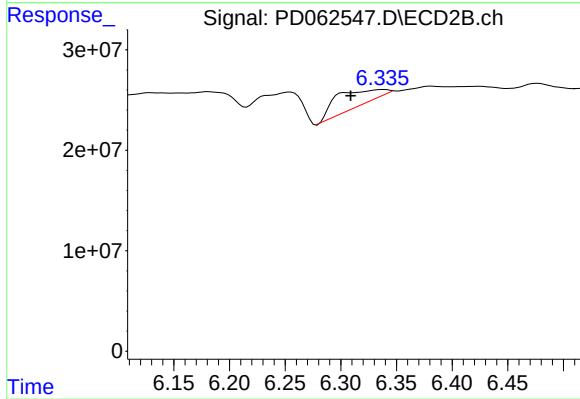
#11 cis-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.005 min  
Response: 14580999  
Conc: 0.94 ng/ml



#12 4,4'-DDE

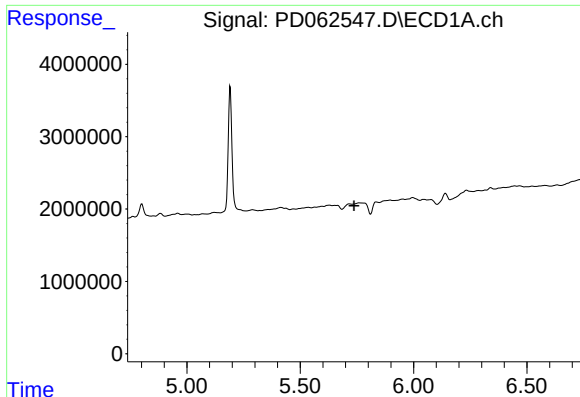
R.T.: 0.000 min  
Exp R.T. : 5.604 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.339 min  
Delta R.T.: 0.030 min  
Response: 48742586  
Conc: 3.11 ng/ml

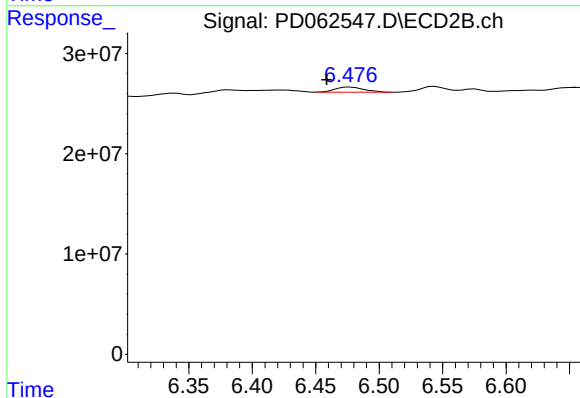




#13 Dieldrin

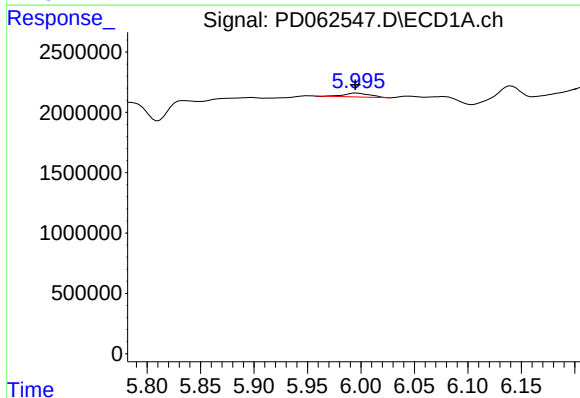
R.T.: 5.715 min  
Delta R.T.: -0.022 min  
Response: -408827  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



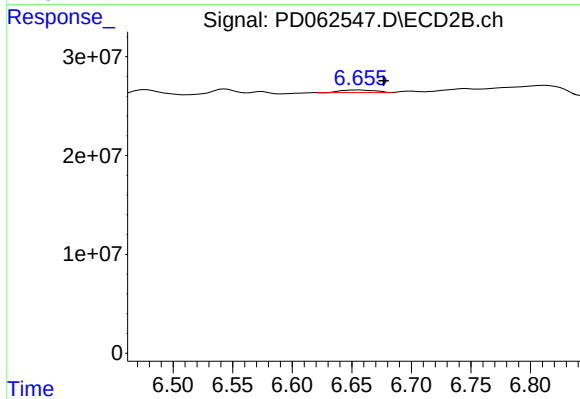
#13 Dieldrin

R.T.: 6.477 min  
Delta R.T.: 0.018 min  
Response: 8171437  
Conc: 0.53 ng/ml



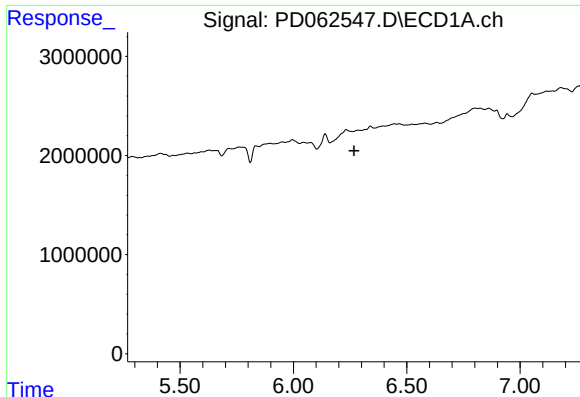
#14 Endrin

R.T.: 5.996 min  
Delta R.T.: 0.001 min  
Response: 532517  
Conc: 0.50 ng/ml



#14 Endrin

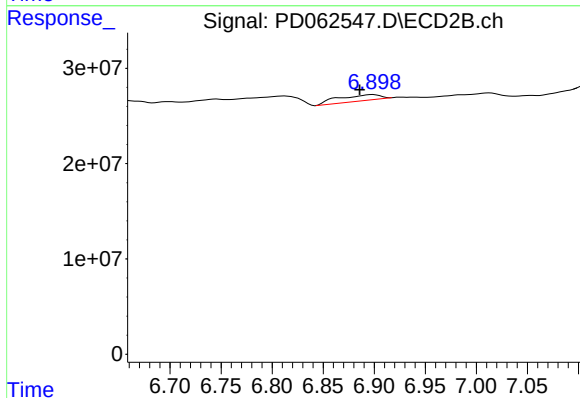
R.T.: 6.656 min  
Delta R.T.: -0.021 min  
Response: 5200766  
Conc: 0.42 ng/ml



#15 Endosulfan II

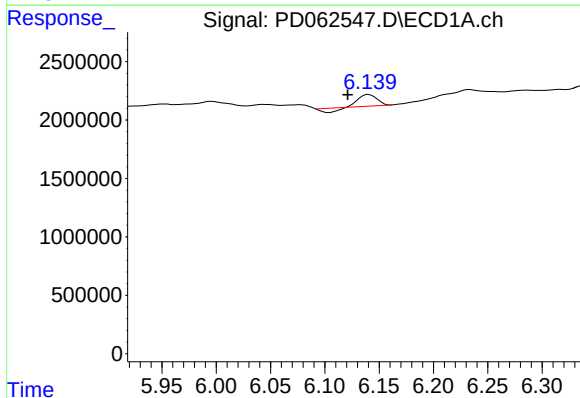
R.T.: 0.000 min  
Exp R.T.: 6.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



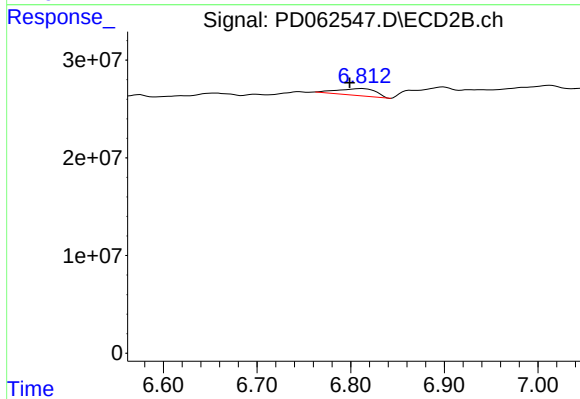
#15 Endosulfan II

R.T.: 6.899 min  
Delta R.T.: 0.013 min  
Response: 18061272  
Conc: 1.44 ng/ml



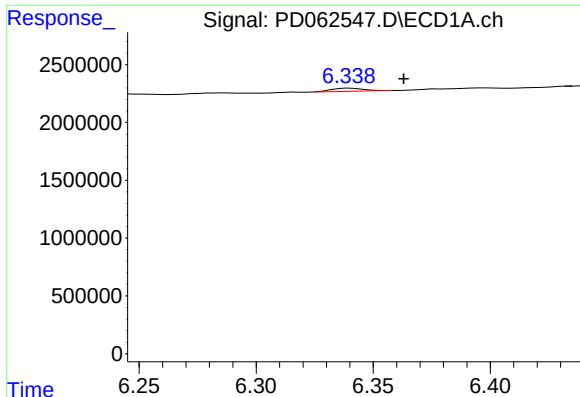
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: 0.020 min  
Response: 865717  
Conc: 0.87 ng/ml



#16 4,4'-DDD

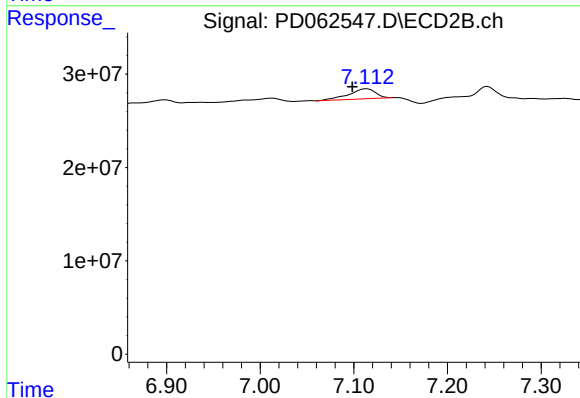
R.T.: 6.812 min  
Delta R.T.: 0.013 min  
Response: 20766915  
Conc: 1.67 ng/ml



#17 4,4'-DDT

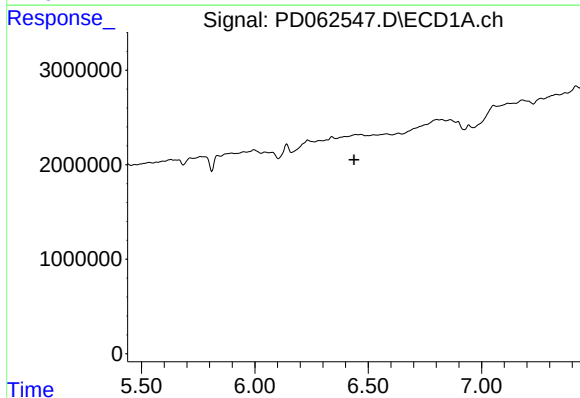
R.T.: 6.340 min  
Delta R.T.: -0.023 min  
Response: 262737  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



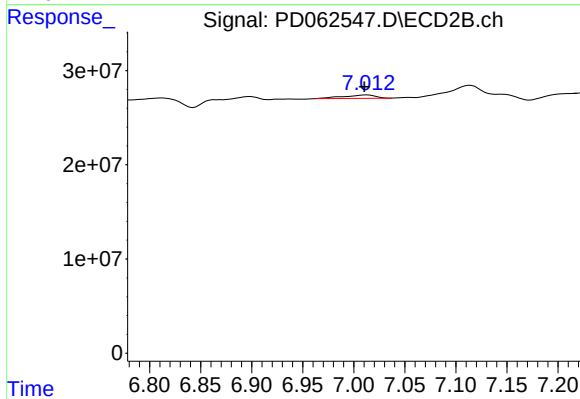
#17 4,4'-DDT

R.T.: 7.114 min  
Delta R.T.: 0.016 min  
Response: 21096567  
Conc: 1.78 ng/ml



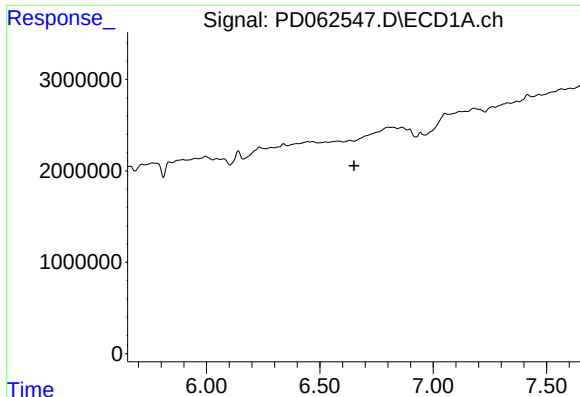
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.437 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

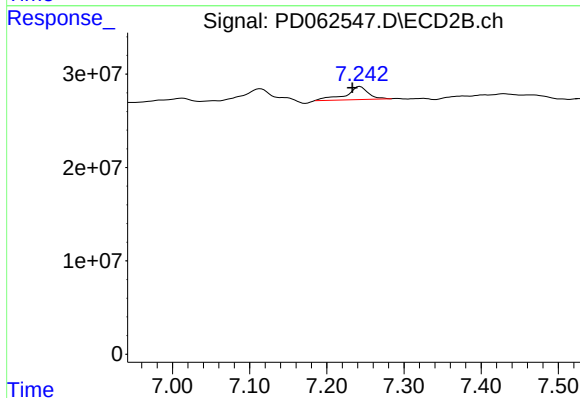
R.T.: 7.013 min  
Delta R.T.: 0.003 min  
Response: 8115512  
Conc: 0.74 ng/ml



#19 Endosulfan Sulfate

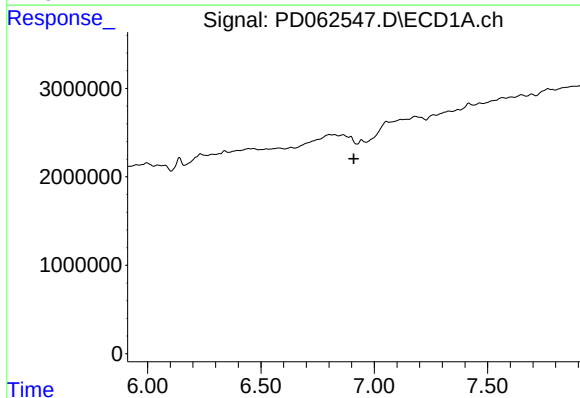
R.T.: 0.000 min  
Exp R.T. : 6.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



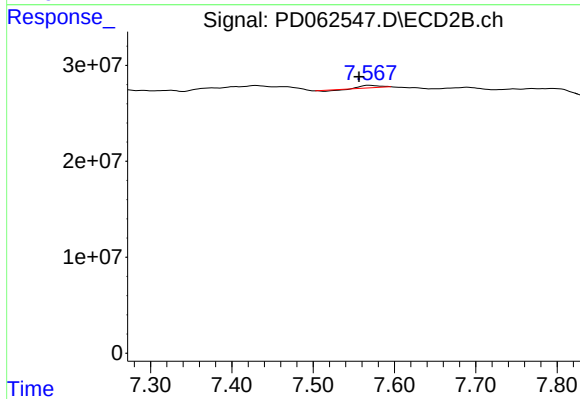
#19 Endosulfan Sulfate

R.T.: 7.243 min  
Delta R.T.: 0.010 min  
Response: 28062818  
Conc: 2.20 ng/ml



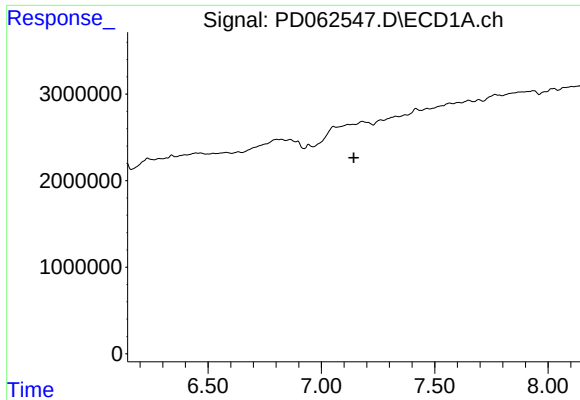
#20 Methoxychlor

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



#20 Methoxychlor

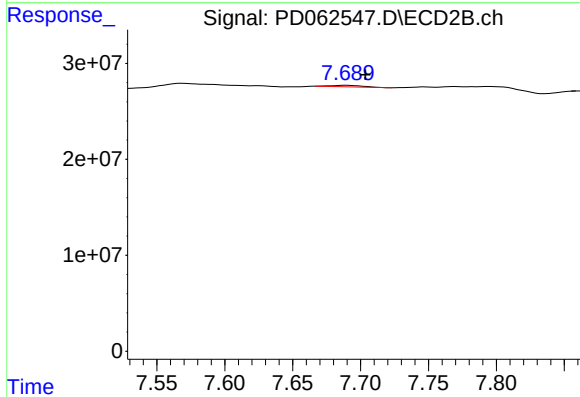
R.T.: 7.569 min  
Delta R.T.: 0.012 min  
Response: 3399649  
Conc: 0.60 ng/ml



#21 Endrin ketone

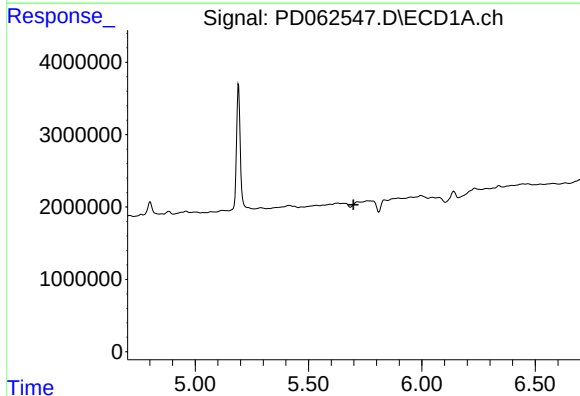
R.T.: 0.000 min  
Exp R.T.: 7.143 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



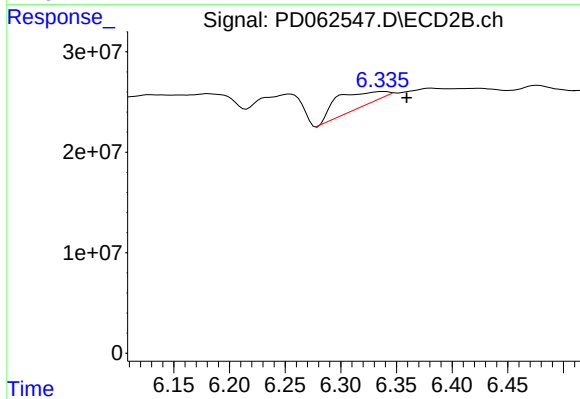
#21 Endrin ketone

R.T.: 7.690 min  
Delta R.T.: -0.014 min  
Response: 2553948  
Conc: 0.21 ng/ml



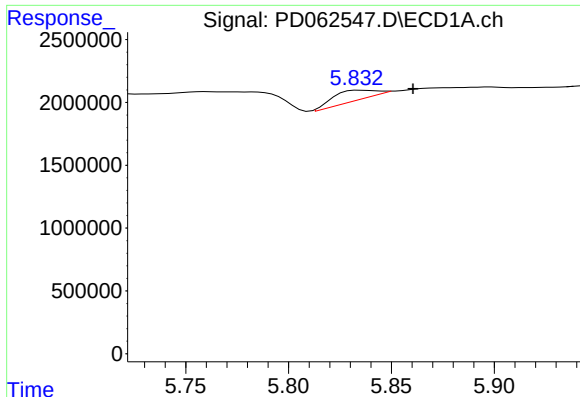
#22 Toxaphene-1

R.T.: 5.715 min  
Delta R.T.: 0.017 min  
Response: -408827  
Conc: N.D.



#22 Toxaphene-1

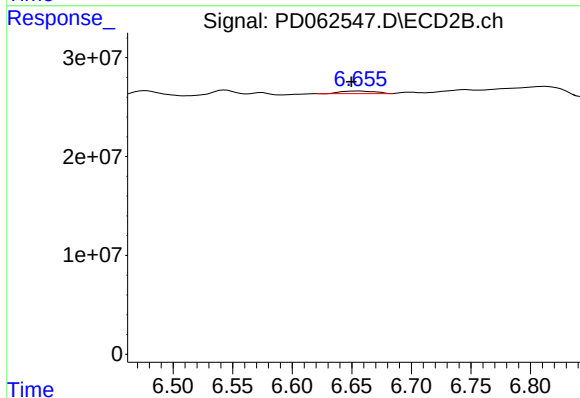
R.T.: 6.339 min  
Delta R.T.: -0.021 min  
Response: 48742586  
Conc: 733.61 ng/ml



#23 Toxaphene-2

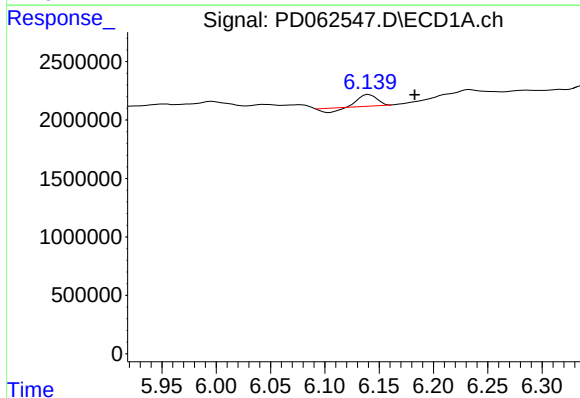
R.T.: 5.835 min  
Delta R.T.: -0.025 min  
Response: 1090959  
Conc: 148.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



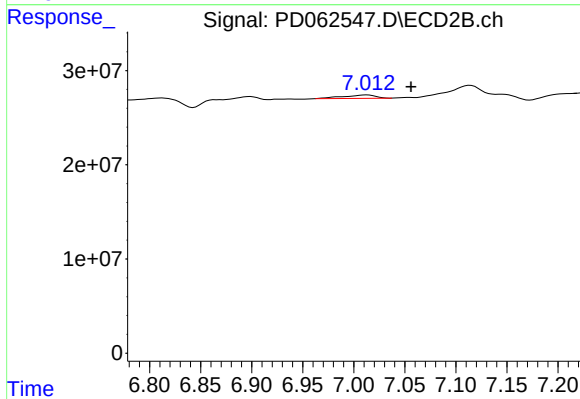
#23 Toxaphene-2

R.T.: 6.656 min  
Delta R.T.: 0.007 min  
Response: 5200766  
Conc: 62.45 ng/ml



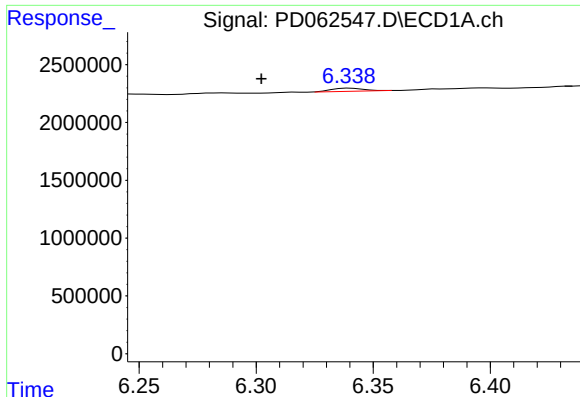
#24 Toxaphene-3

R.T.: 6.141 min  
Delta R.T.: -0.042 min  
Response: 865717  
Conc: 105.36 ng/ml



#24 Toxaphene-3

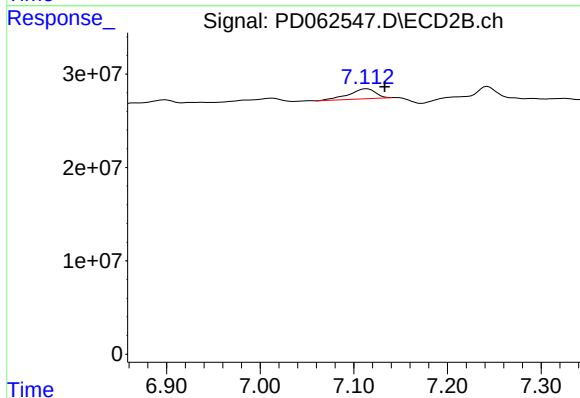
R.T.: 7.013 min  
Delta R.T.: -0.043 min  
Response: 8115512  
Conc: 73.61 ng/ml



#25 Toxaphene-4

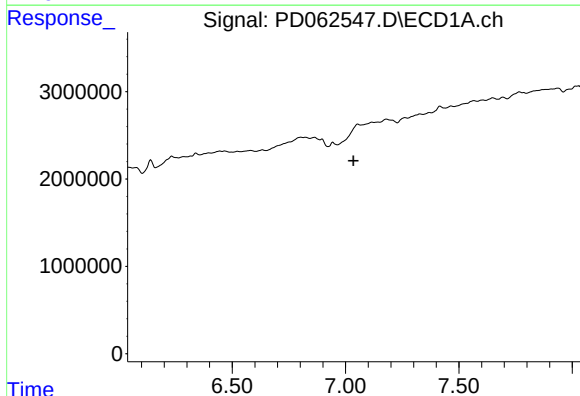
R.T.: 6.340 min  
Delta R.T.: 0.038 min  
Response: 262737  
Conc: 13.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



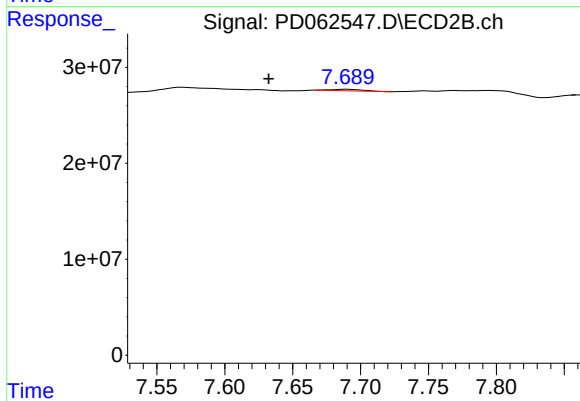
#25 Toxaphene-4

R.T.: 7.114 min  
Delta R.T.: -0.019 min  
Response: 21096567  
Conc: 66.26 ng/ml



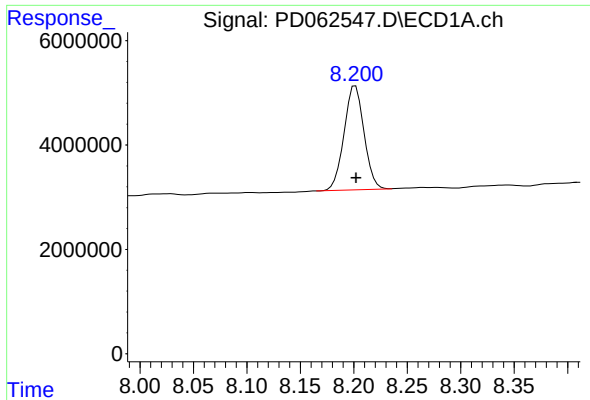
#26 Toxaphene-5

R.T.: 7.054 min  
Delta R.T.: 0.018 min  
Response: -1771337  
Conc: N.D.



#26 Toxaphene-5

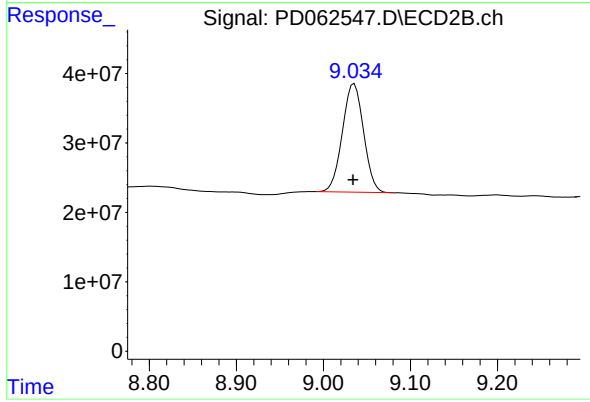
R.T.: 7.690 min  
Delta R.T.: 0.058 min  
Response: 2553948  
Conc: 18.93 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 25891120  
Conc: 24.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.035 min  
Delta R.T.: 0.001 min  
Response: 263930443  
Conc: 24.18 ng/ml