

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
 Data File : PD062645.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2021 18:30  
 Operator : AR\AJ  
 Sample : M2177-18  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 23:23:00 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

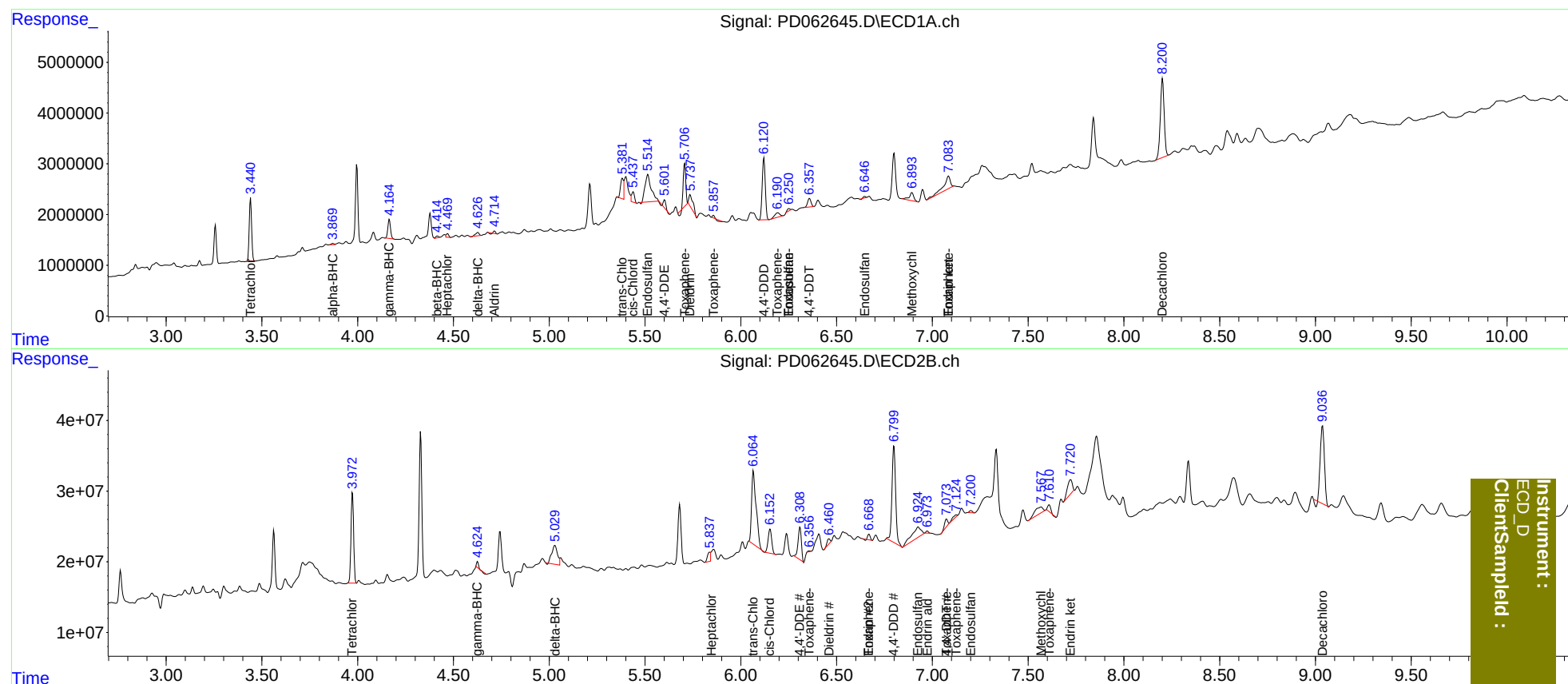
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.441  | 3.973  | 10854576 | 122.5E6  | 11.338  | 10.090    |
| 27)                         | SA Decachlor... | 8.202  | 9.037  | 21559603 | 161.8E6  | 20.086  | 14.820 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 4.166  | 4.626  | 3576110  | 4517945  | 2.677   | 0.262 #   |
| 4)                          | MA Heptachlor   | 4.470  | 5.179  | 664096   | 1572891  | 0.517   | <MDL #    |
| 5)                          | MB Aldrin       | 4.715  | 5.443  | 242069   | 1453301  | 0.186   | <MDL #    |
| 7)                          | B delta-BHC     | 4.628  | 5.030  | 801817   | 54509996 | 0.589   | 2.938 #   |
| 8)                          | B Heptachlo...  | 5.153  | 5.838  | -54789   | 13159396 | N.D.    | 0.820     |
| 9)                          | A Endosulfan I  | 5.515  | 6.204  | 12181459 | 1446160  | 10.894  | <MDL #    |
| 10)                         | B trans-Chl...  | 5.382  | 6.066  | 4349367  | 170.0E6  | 3.469   | 10.380 #  |
| 11)                         | B cis-Chlor...  | 5.439  | 6.153  | 2185066  | 44986129 | 1.779   | 2.898 #   |
| 12)                         | B 4,4'-DDE      | 5.602  | 6.309  | 1229376  | 55696628 | 0.993   | 3.554 #   |
| 13)                         | MA Dieldrin     | 5.736  | 6.461  | 3693345  | 7128067  | 2.930   | 0.460 #   |
| 14)                         | MA Endrin       | 5.991  | 6.670  | -496134  | 6918063  | N.D.    | 0.555     |
| 15)                         | B Endosulfa...  | 6.252  | 6.926f | 438436   | 51483081 | 0.423   | 4.114 #   |
| 16)                         | A 4,4'-DDD      | 6.121  | 6.800  | 13688825 | 182.7E6  | 13.747  | 14.697    |
| 17)                         | MA 4,4'-DDT     | 6.359  | 7.074  | 2112868  | 11830875 | 2.256   | 0.996 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.974f | 0        | 2646026  | N.D.    | 0.243     |
| 19)                         | B Endosulfa...  | 6.648  | 7.201  | 169025   | 3064295  | 0.169   | 0.240 #   |
| 20)                         | A Methoxychlor  | 6.894  | 7.568  | 2708756  | 27089608 | 5.077   | 4.779     |
| 21)                         | B Endrin ke...  | 7.085f | 7.722  | 6532681  | 38846326 | 5.574   | 3.157 #   |
| 22)                         | Toxaphene-1     | 5.707  | 6.358  | 7135026  | 983488   | 957.163 | 14.802 #  |
| 23)                         | Toxaphene-2     | 5.858  | 6.670  | 96768    | 6918063  | 13.149  | 83.070 #  |
| 24)                         | Toxaphene-3     | 6.194  | 7.074  | 1594139  | 11830875 | 194.002 | 107.314 # |
| 25)                         | Toxaphene-4     | 6.252  | 7.126  | 438436   | 5179741  | 22.765  | 16.269 #  |
| 26)                         | Toxaphene-5     | 7.085  | 7.610  | 6532681  | 10690502 | 304.308 | 79.247 #  |
| -----                       |                 |        |        |          |          |         |           |

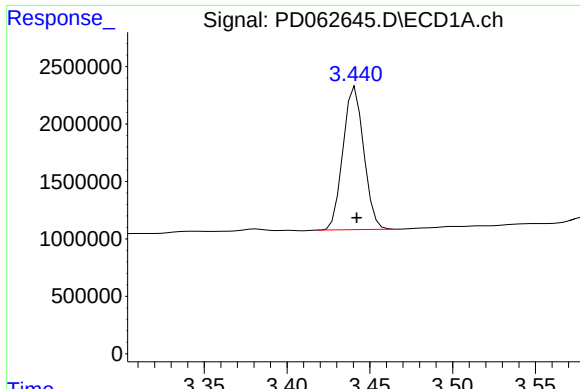
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062645.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:30  
Operator : AR\AJ  
Sample : M2177-18  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:23:00 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

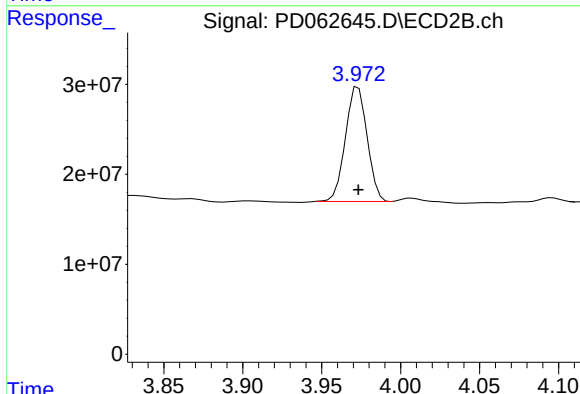




#1 Tetrachloro-m-xylene

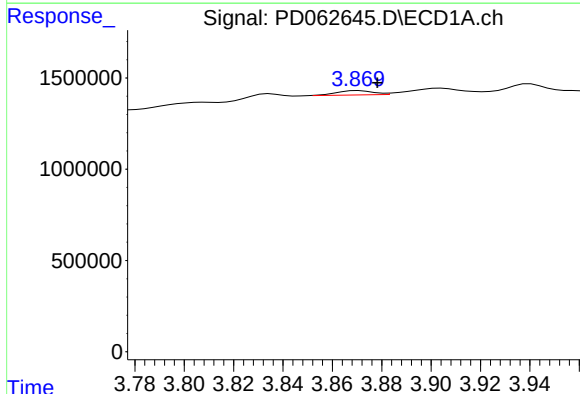
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 10854576  
Conc: 11.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



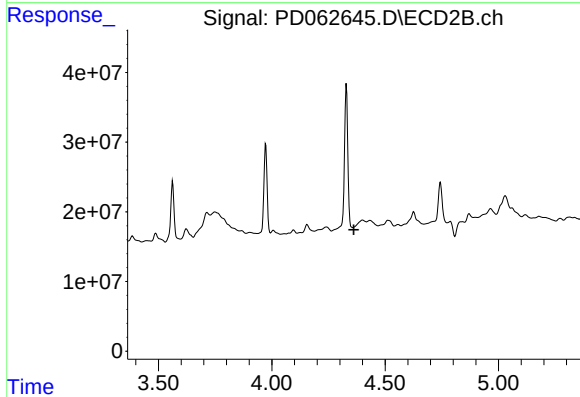
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: 0.000 min  
Response: 122522588  
Conc: 10.09 ng/ml



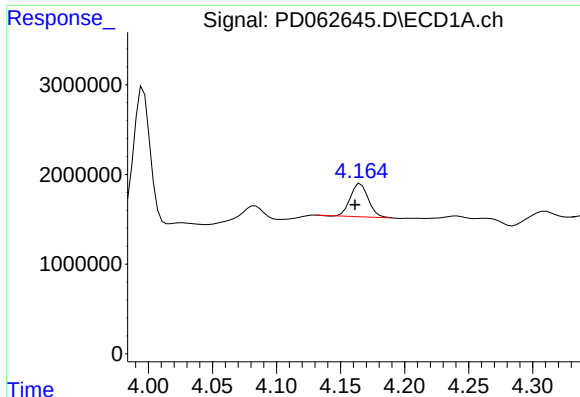
#2 alpha-BHC

R.T.: 3.871 min  
Delta R.T.: -0.008 min  
Response: 240483  
Conc: 0.17 ng/ml



#2 alpha-BHC

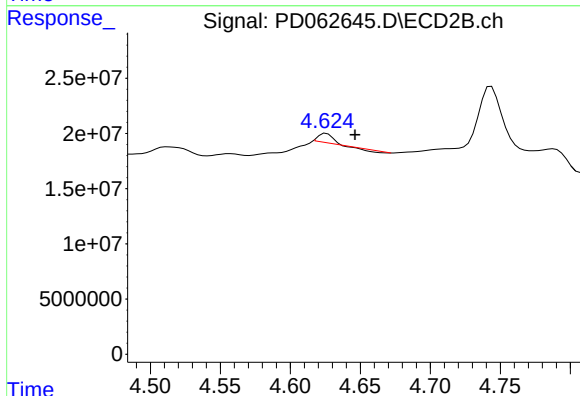
R.T.: 4.329 min  
Delta R.T.: -0.032 min  
Response: -49729740  
Conc: N.D.



#3 gamma-BHC (Lindane)

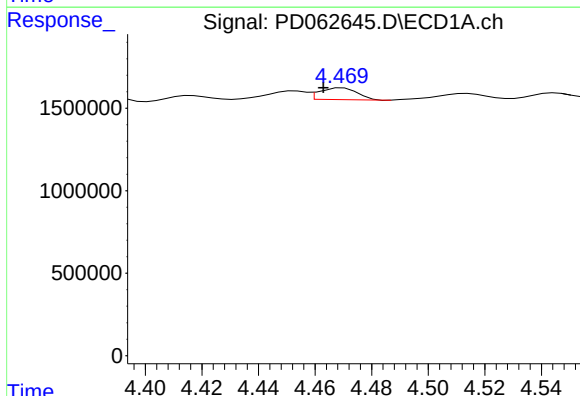
R.T.: 4.166 min  
Delta R.T.: 0.004 min  
Response: 3576110  
Conc: 2.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



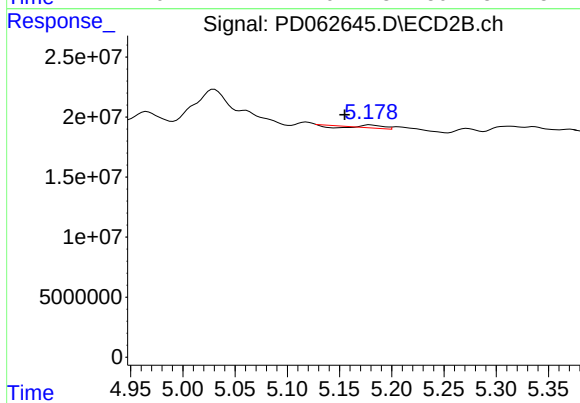
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.020 min  
Response: 4517945  
Conc: 0.26 ng/ml



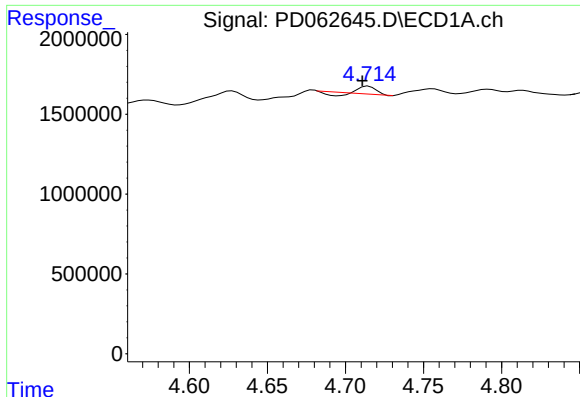
#4 Heptachlor

R.T.: 4.470 min  
Delta R.T.: 0.007 min  
Response: 664096  
Conc: 0.52 ng/ml



#4 Heptachlor

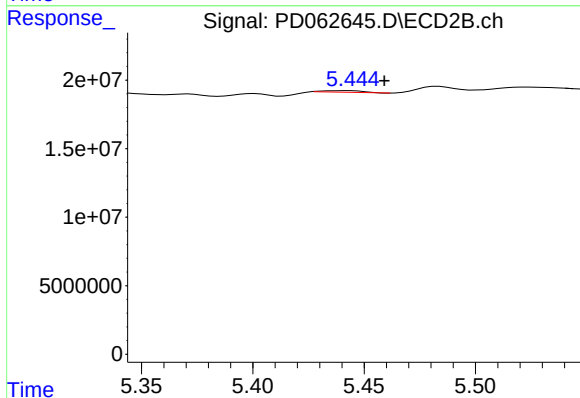
R.T.: 5.179 min  
Delta R.T.: 0.025 min  
Response: 1572891  
Conc: N.D.



#5 Aldrin

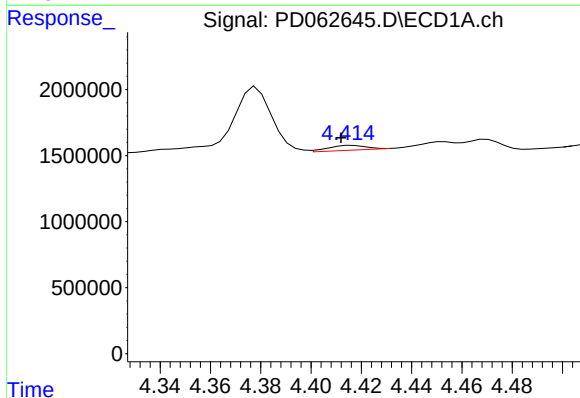
R.T.: 4.715 min  
Delta R.T.: 0.004 min  
Response: 242069  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



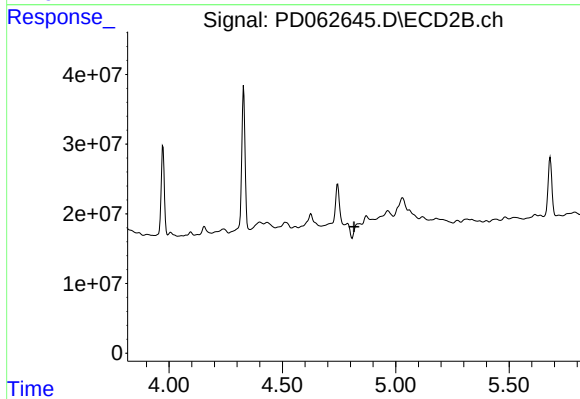
#5 Aldrin

R.T.: 5.443 min  
Delta R.T.: -0.016 min  
Response: 1453301  
Conc: N.D.



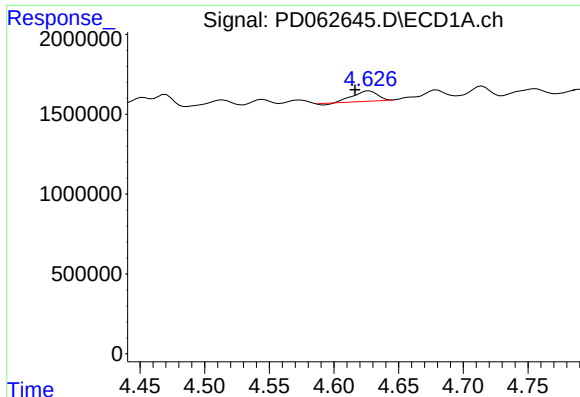
#6 beta-BHC

R.T.: 4.416 min  
Delta R.T.: 0.004 min  
Response: 385448  
Conc: 0.62 ng/ml



#6 beta-BHC

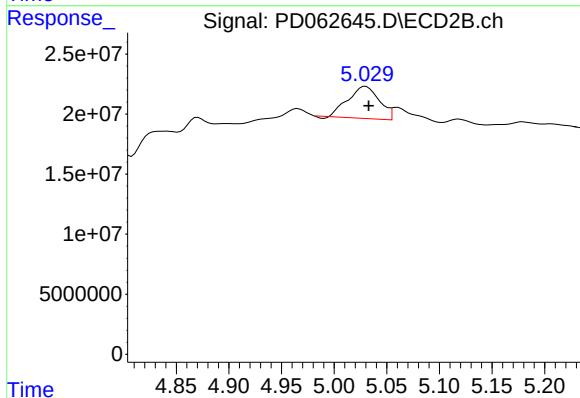
R.T.: 4.841 min  
Delta R.T.: 0.024 min  
Response: -19837967  
Conc: N.D.



#7 delta-BHC

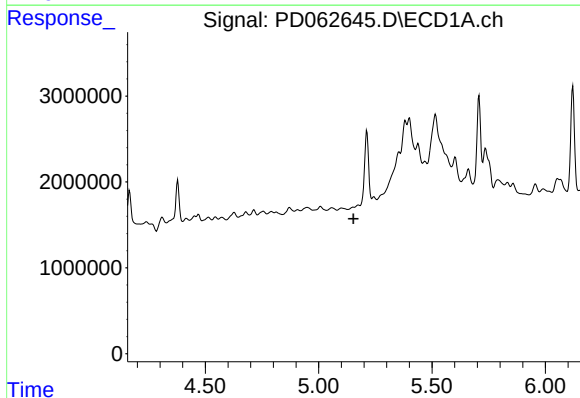
R.T.: 4.628 min  
Delta R.T.: 0.011 min  
Response: 801817  
Conc: 0.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



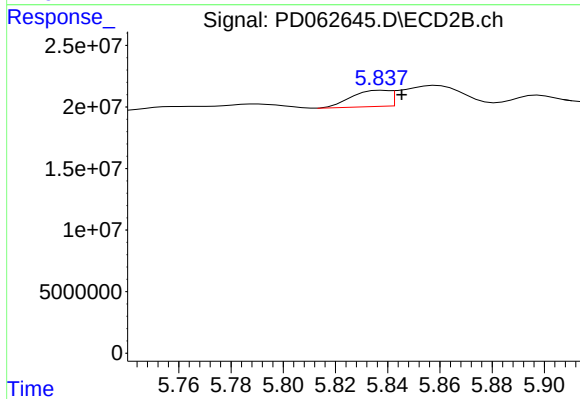
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: -0.003 min  
Response: 54509996  
Conc: 2.94 ng/ml



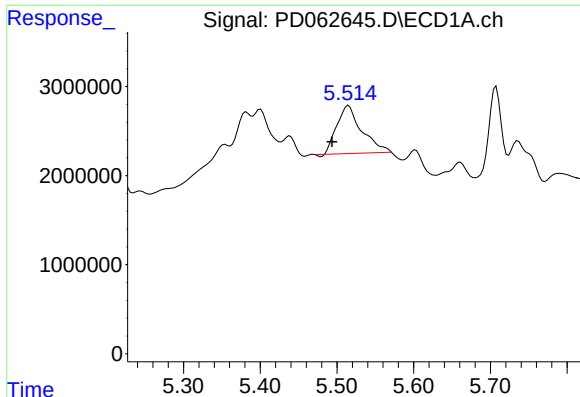
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: -0.001 min  
Response: -54789  
Conc: N.D.



#8 Heptachlor epoxide

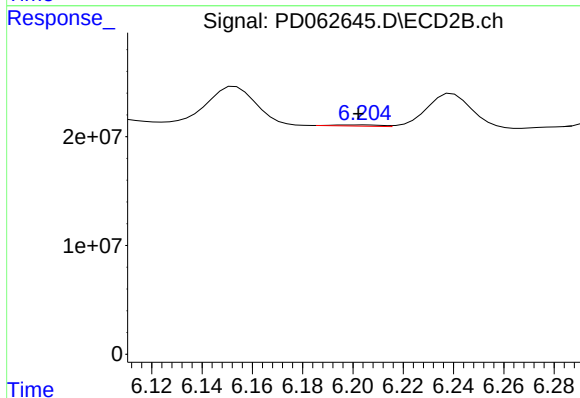
R.T.: 5.838 min  
Delta R.T.: -0.007 min  
Response: 13159396  
Conc: 0.82 ng/ml



#9 Endosulfan I

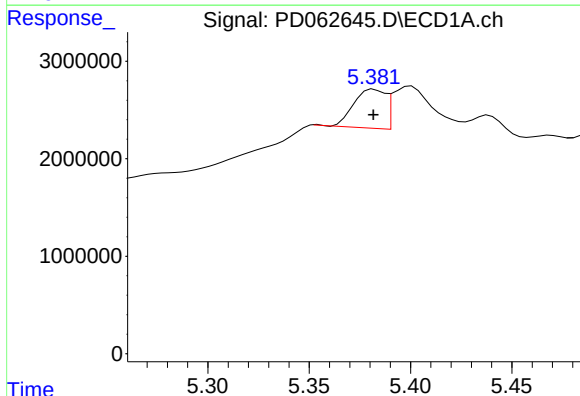
R.T.: 5.515 min  
Delta R.T.: 0.022 min  
Response: 12181459  
Conc: 10.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



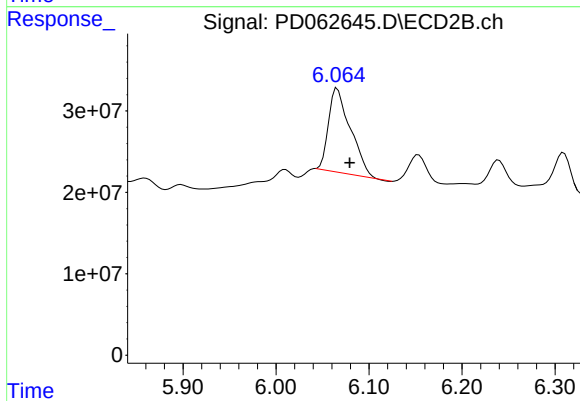
#9 Endosulfan I

R.T.: 6.204 min  
Delta R.T.: 0.001 min  
Response: 1446160  
Conc: N.D.



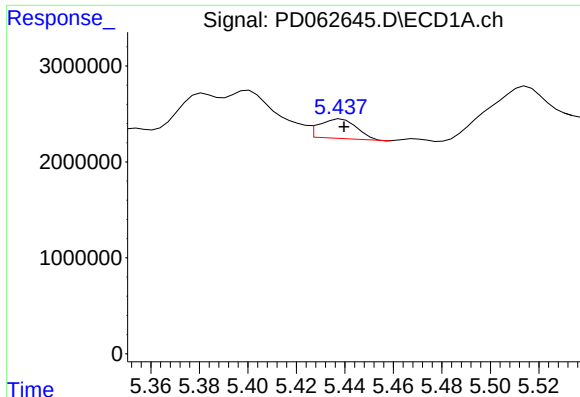
#10 trans-Chlordane

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 4349367  
Conc: 3.47 ng/ml



#10 trans-Chlordane

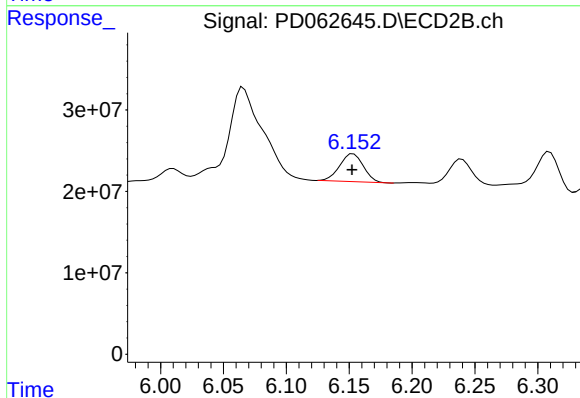
R.T.: 6.066 min  
Delta R.T.: -0.013 min  
Response: 169995631  
Conc: 10.38 ng/ml



#11 cis-Chlordane

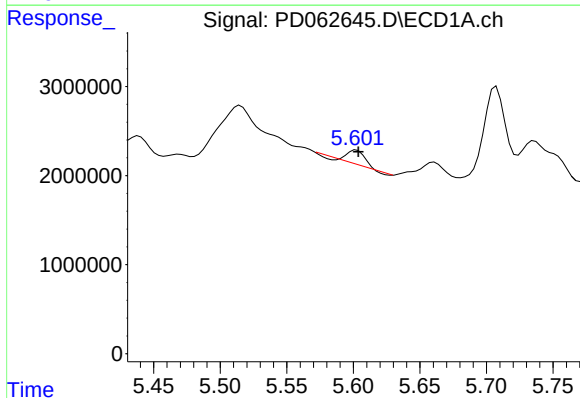
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 2185066  
Conc: 1.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



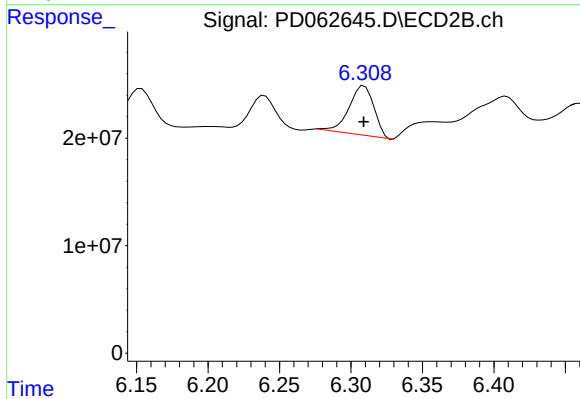
#11 cis-Chlordane

R.T.: 6.153 min  
Delta R.T.: 0.001 min  
Response: 44986129  
Conc: 2.90 ng/ml



#12 4,4'-DDE

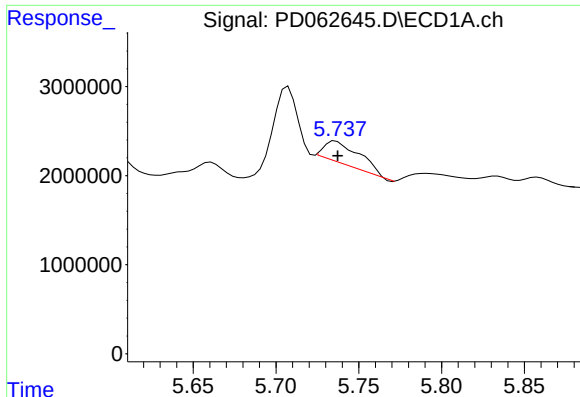
R.T.: 5.602 min  
Delta R.T.: -0.001 min  
Response: 1229376  
Conc: 0.99 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 55696628  
Conc: 3.55 ng/ml

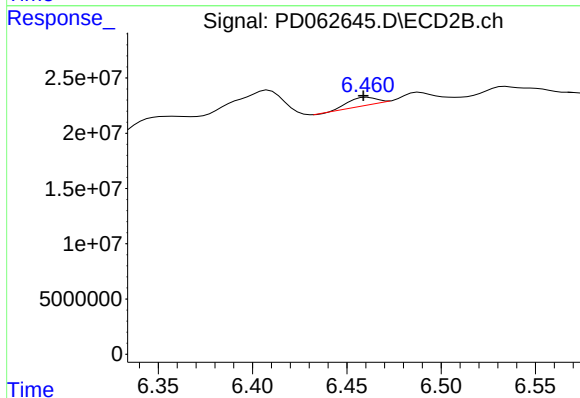




#13 Dieldrin

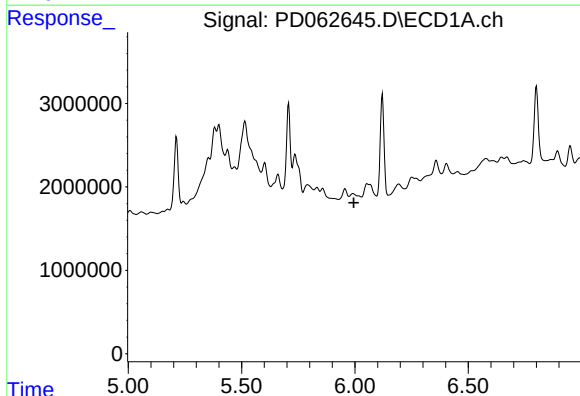
R.T.: 5.736 min  
Delta R.T.: -0.001 min  
Response: 3693345  
Conc: 2.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



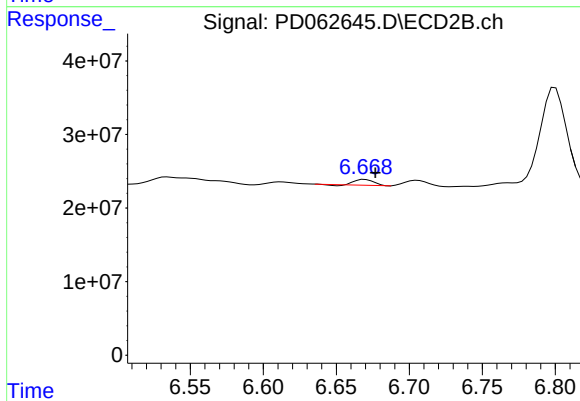
#13 Dieldrin

R.T.: 6.461 min  
Delta R.T.: 0.002 min  
Response: 7128067  
Conc: 0.46 ng/ml



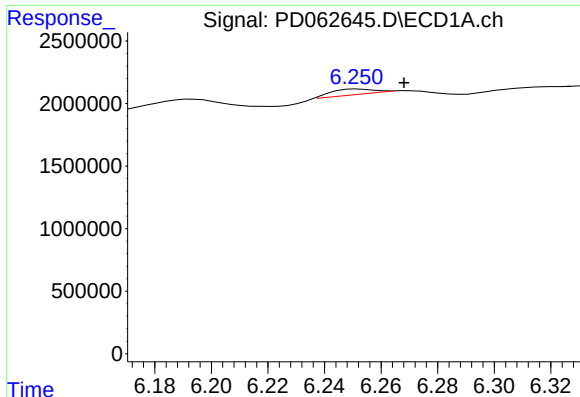
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: -0.004 min  
Response: -496134  
Conc: N.D.



#14 Endrin

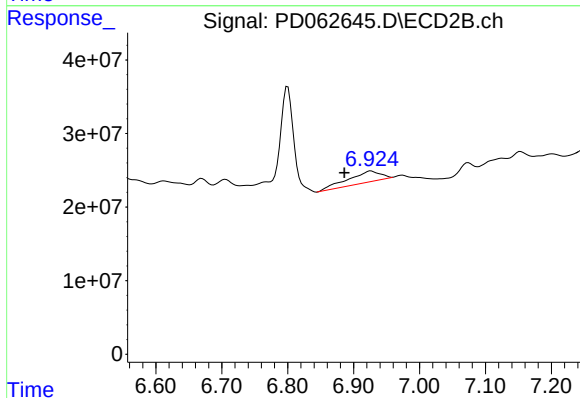
R.T.: 6.670 min  
Delta R.T.: -0.007 min  
Response: 6918063  
Conc: 0.55 ng/ml



#15 Endosulfan II

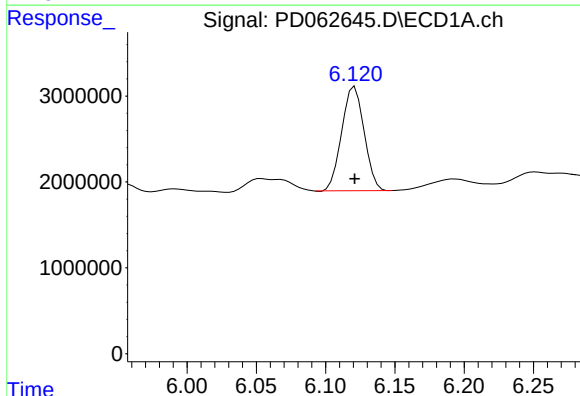
R.T.: 6.252 min  
Delta R.T.: -0.016 min  
Response: 438436  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



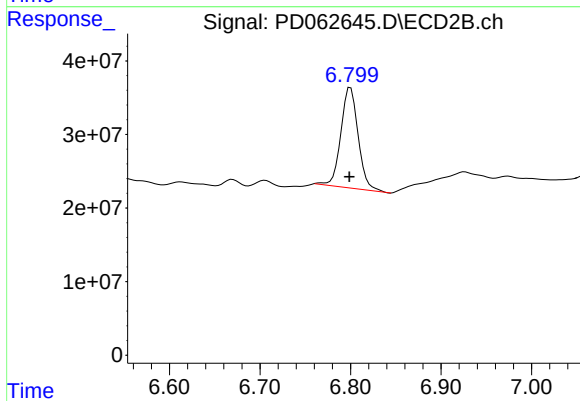
#15 Endosulfan II

R.T.: 6.926 min  
Delta R.T.: 0.041 min  
Response: 51483081  
Conc: 4.11 ng/ml



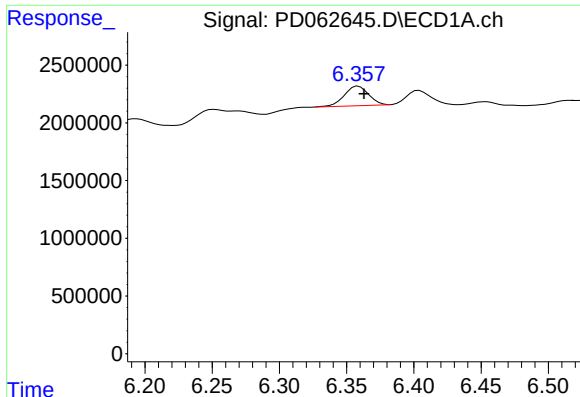
#16 4,4'-DDD

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 13688825  
Conc: 13.75 ng/ml



#16 4,4'-DDD

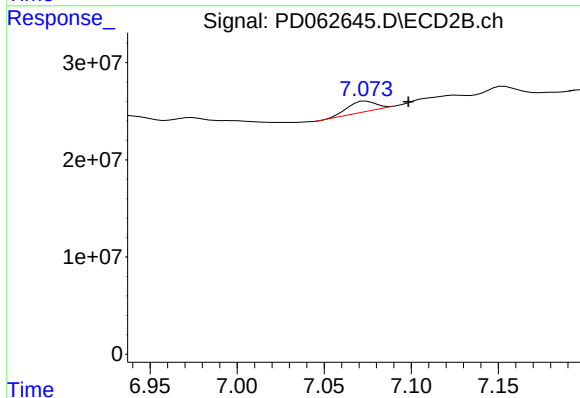
R.T.: 6.800 min  
Delta R.T.: 0.001 min  
Response: 182669422  
Conc: 14.70 ng/ml



#17 4,4'-DDT

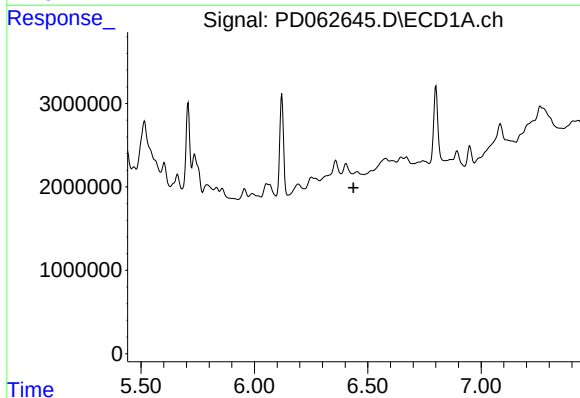
R.T.: 6.359 min  
Delta R.T.: -0.004 min  
Response: 2112868  
Conc: 2.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



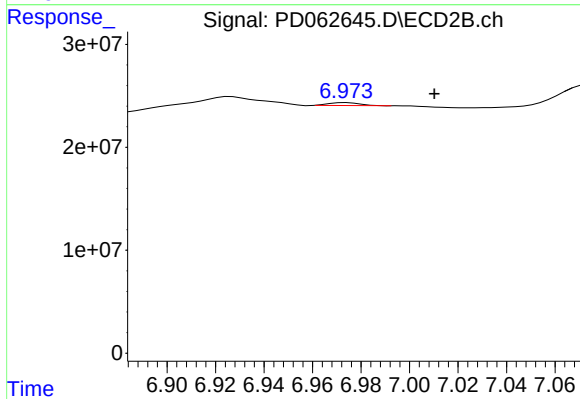
#17 4,4'-DDT

R.T.: 7.074 min  
Delta R.T.: -0.024 min  
Response: 11830875  
Conc: 1.00 ng/ml



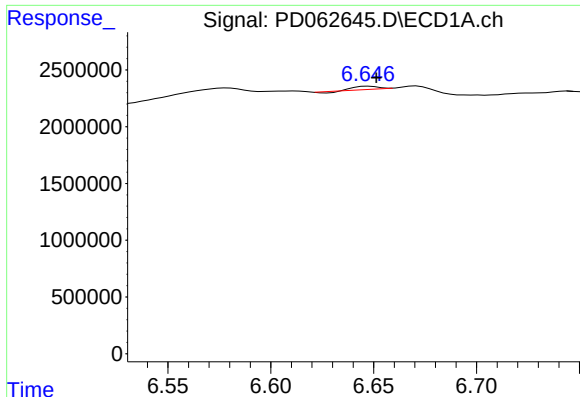
#18 Endrin aldehyde

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



#18 Endrin aldehyde

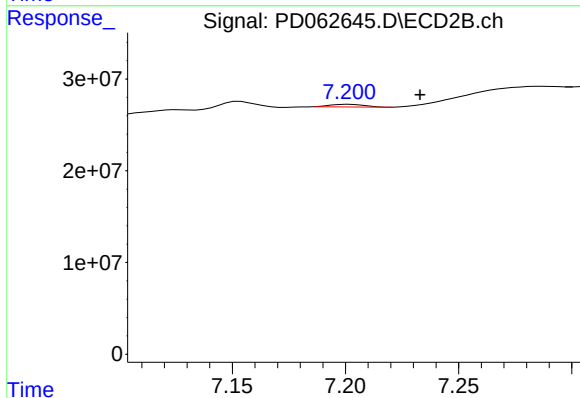
R.T.: 6.974 min  
Delta R.T.: -0.036 min  
Response: 2646026  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

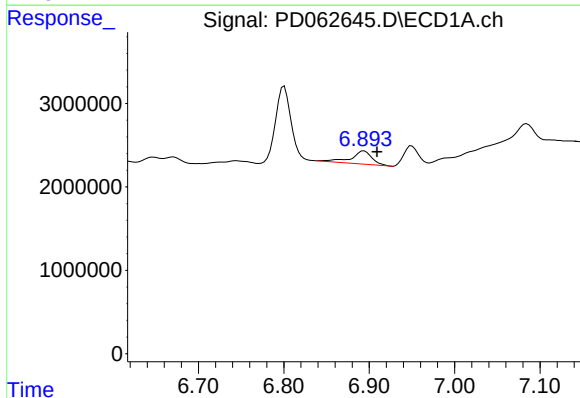
R.T.: 6.648 min  
Delta R.T.: -0.004 min  
Response: 169025  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



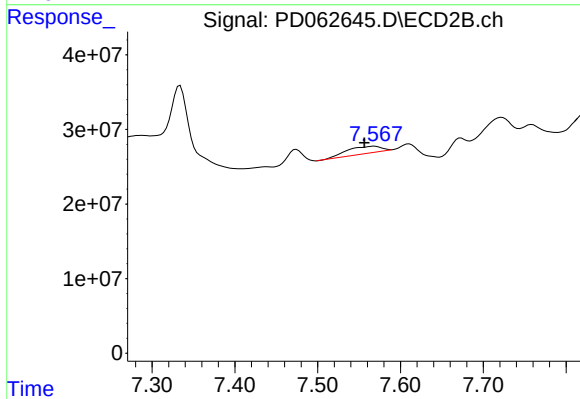
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: -0.031 min  
Response: 3064295  
Conc: 0.24 ng/ml



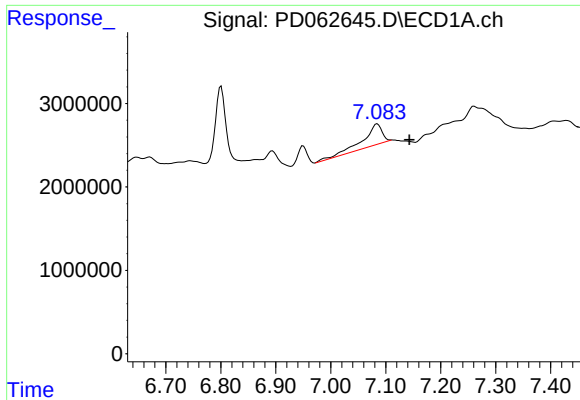
#20 Methoxychlor

R.T.: 6.894 min  
Delta R.T.: -0.015 min  
Response: 2708756  
Conc: 5.08 ng/ml



#20 Methoxychlor

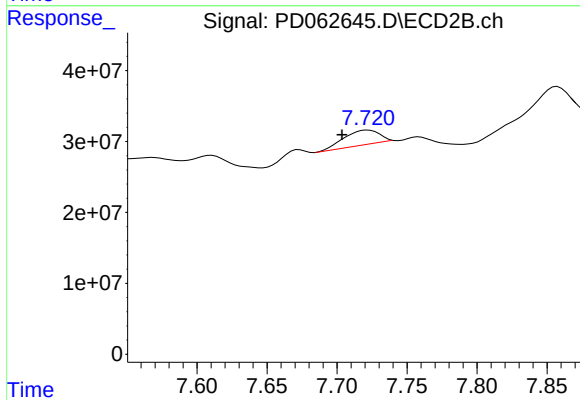
R.T.: 7.568 min  
Delta R.T.: 0.012 min  
Response: 27089608  
Conc: 4.78 ng/ml



#21 Endrin ketone

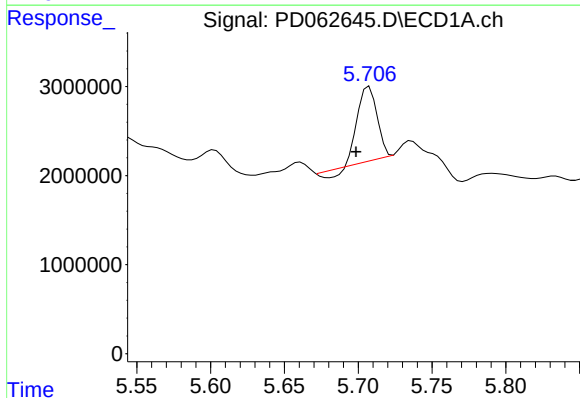
R.T.: 7.085 min  
Delta R.T.: -0.058 min  
Response: 6532681  
Conc: 5.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



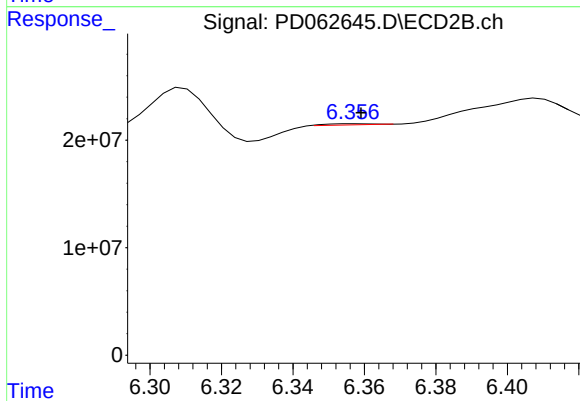
#21 Endrin ketone

R.T.: 7.722 min  
Delta R.T.: 0.019 min  
Response: 38846326  
Conc: 3.16 ng/ml



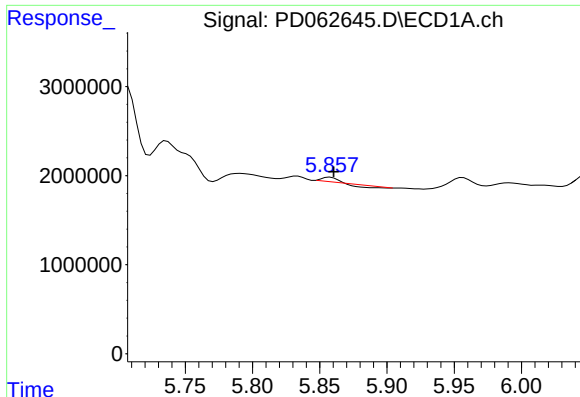
#22 Toxaphene-1

R.T.: 5.707 min  
Delta R.T.: 0.009 min  
Response: 7135026  
Conc: 957.16 ng/ml



#22 Toxaphene-1

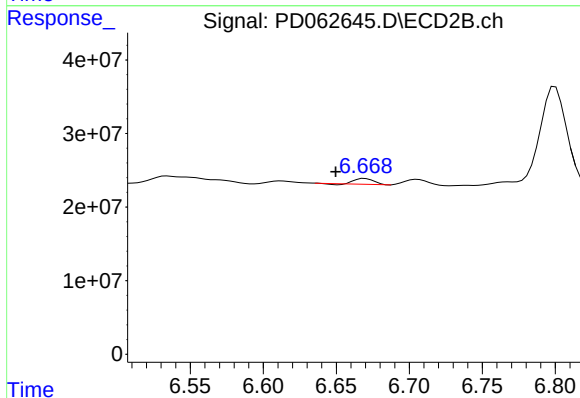
R.T.: 6.358 min  
Delta R.T.: -0.002 min  
Response: 983488  
Conc: 14.80 ng/ml



#23 Toxaphene-2

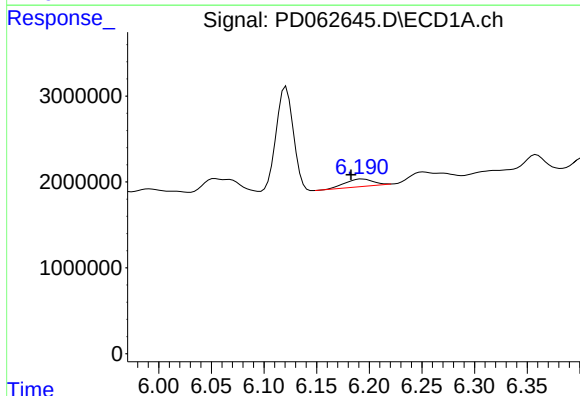
R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 96768  
Conc: 13.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



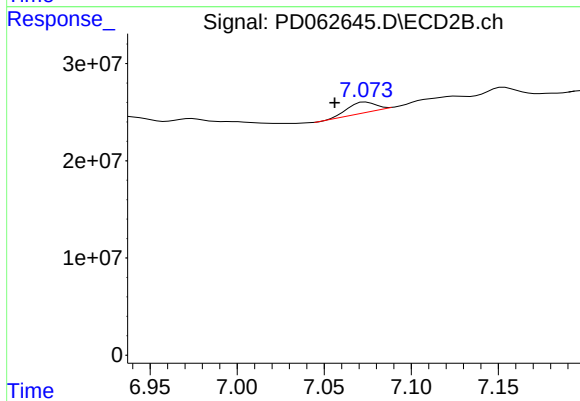
#23 Toxaphene-2

R.T.: 6.670 min  
Delta R.T.: 0.020 min  
Response: 6918063  
Conc: 83.07 ng/ml



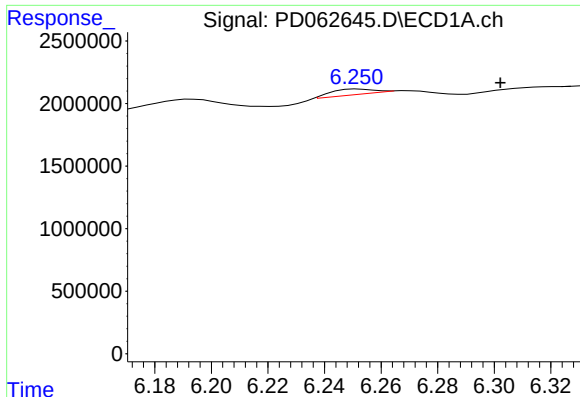
#24 Toxaphene-3

R.T.: 6.194 min  
Delta R.T.: 0.011 min  
Response: 1594139  
Conc: 194.00 ng/ml



#24 Toxaphene-3

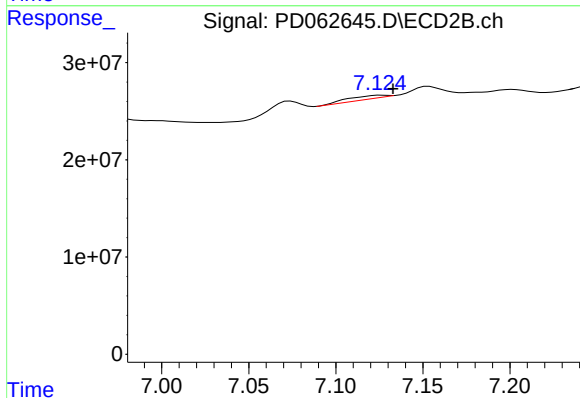
R.T.: 7.074 min  
Delta R.T.: 0.018 min  
Response: 11830875  
Conc: 107.31 ng/ml



#25 Toxaphene-4

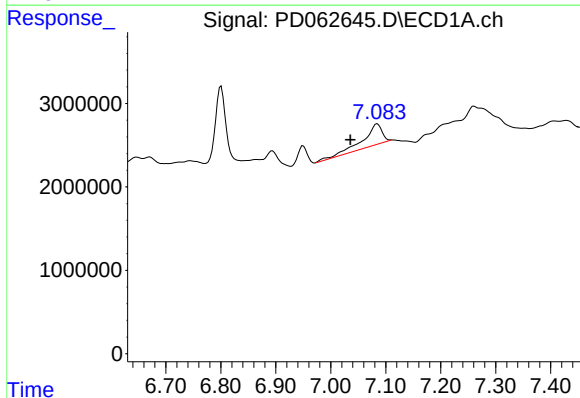
R.T.: 6.252 min  
Delta R.T.: -0.050 min  
Response: 438436  
Conc: 22.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



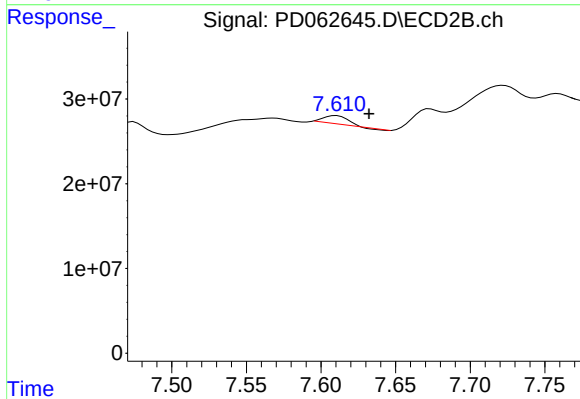
#25 Toxaphene-4

R.T.: 7.126 min  
Delta R.T.: -0.007 min  
Response: 5179741  
Conc: 16.27 ng/ml



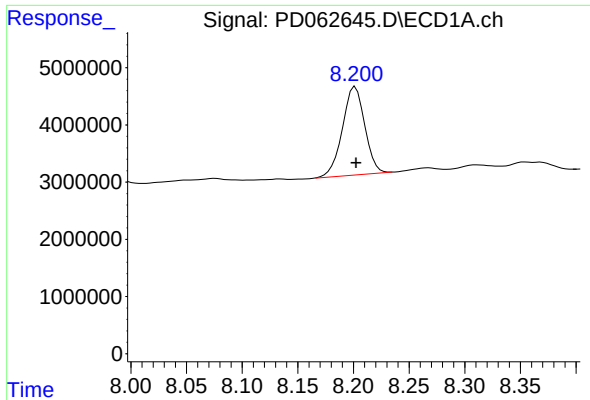
#26 Toxaphene-5

R.T.: 7.085 min  
Delta R.T.: 0.049 min  
Response: 6532681  
Conc: 304.31 ng/ml



#26 Toxaphene-5

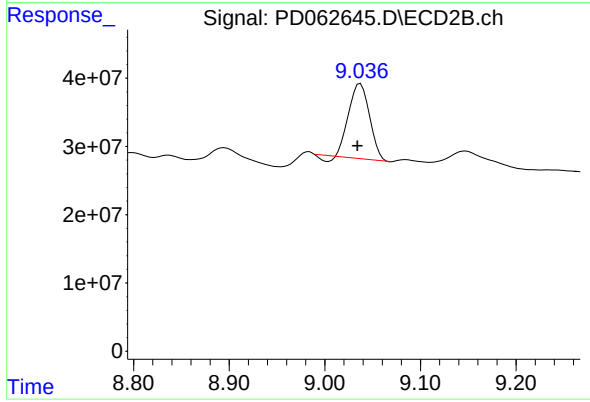
R.T.: 7.610 min  
Delta R.T.: -0.022 min  
Response: 10690502  
Conc: 79.25 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 21559603  
Conc: 20.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.003 min  
Response: 161764102  
Conc: 14.82 ng/ml