

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111718\  
 Data File : PD050413.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Nov 2018 17:41  
 Operator : AJ\SJ  
 Sample : J5977-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 17 01:20:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.228  | 4.043 | 11684196 | 258.7E6  | 8.029  | 9.391    |
| 28)                         | SA Decachlor... | 7.835  | 9.152 | 12831528 | 135.9E6  | 8.668  | 6.712    |
| Target Compounds            |                 |        |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.600f | 4.423 | 760772   | 18749505 | 0.324  | 0.442 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.732 | 0        | 73063391 | N.D.   | 1.921 #  |
| 4)                          | MA Heptachlor   | 4.224  | 5.220 | 635253   | 13462373 | 0.288  | 0.355    |
| 5)                          | MB Aldrin       | 4.434  | 5.541 | 815292   | 97572951 | 0.356  | 2.729 #  |
| 7)                          | B delta-BHC     | 4.292f | 5.112 | 141940   | 2200026  | 0.065  | 0.059    |
| 8)                          | B Heptachlo...  | 4.806f | 5.949 | 1074311  | 15451386 | 0.506  | 0.486    |
| 9)                          | A Endosulfan I  | 5.129f | 6.286 | 905963   | 48965401 | 0.450  | 1.725 #  |
| 10)                         | B gamma-Chl...  | 5.056  | 6.170 | 432526   | 160.9E6  | 0.196  | 5.076 #  |
| 11)                         | B alpha-Chl...  | 5.129  | 6.240 | 905963   | 150.1E6  | 0.416  | 4.937 #  |
| 12)                         | B 4,4'-DDE      | 5.300  | 6.389 | 1337841  | 82747200 | 0.653  | 2.814 #  |
| 13)                         | MA Dieldrin     | 5.417  | 6.557 | 1503870  | 2554905  | 0.681  | 0.085 #  |
| 14)                         | MA Endrin       | 5.673  | 6.760 | 1162382  | 4995144  | 0.605  | 0.207 #  |
| 15)                         | B Endosulfa...  | 5.928  | 6.962 | -201141  | 19270011 | N.D.   | 0.790    |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.889 | 0        | 15398602 | N.D.   | 0.674 #  |
| 17)                         | MA 4,4'-DDT     | 6.031  | 7.186 | 5139731  | 49925983 | 2.901  | 2.419    |
| 18)                         | B Endrin al...  | 6.070  | 7.094 | 557150   | 9708839  | 0.368  | 0.480 #  |
| 19)                         | B Endosulfa...  | 6.309  | 0.000 | 263661   | 0        | 0.142  | N.D. #   |
| 21)                         | B Endrin ke...  | 6.819f | 7.798 | -24435   | 10868318 | N.D.   | 0.469    |
| 23)                         | Chlordane-1     | 4.054  | 5.080 | 643961   | -9575178 | 9.561  | N.D. #   |
| 24)                         | Chlordane-2     | 4.508  | 5.541 | 1507393  | 97572951 | 19.152 | 78.219 # |
| 25)                         | Chlordane-3     | 5.056  | 6.170 | 432526   | 160.9E6  | 1.862  | 39.934 # |
| 26)                         | Chlordane-4     | 5.129  | 6.240 | 905963   | 150.1E6  | 4.069  | 32.790 # |
| 27)                         | Chlordane-5     | 5.928  | 7.034 | -201141  | 2546095  | N.D.   | 2.786    |
| -----                       |                 |        |       |          |          |        |          |

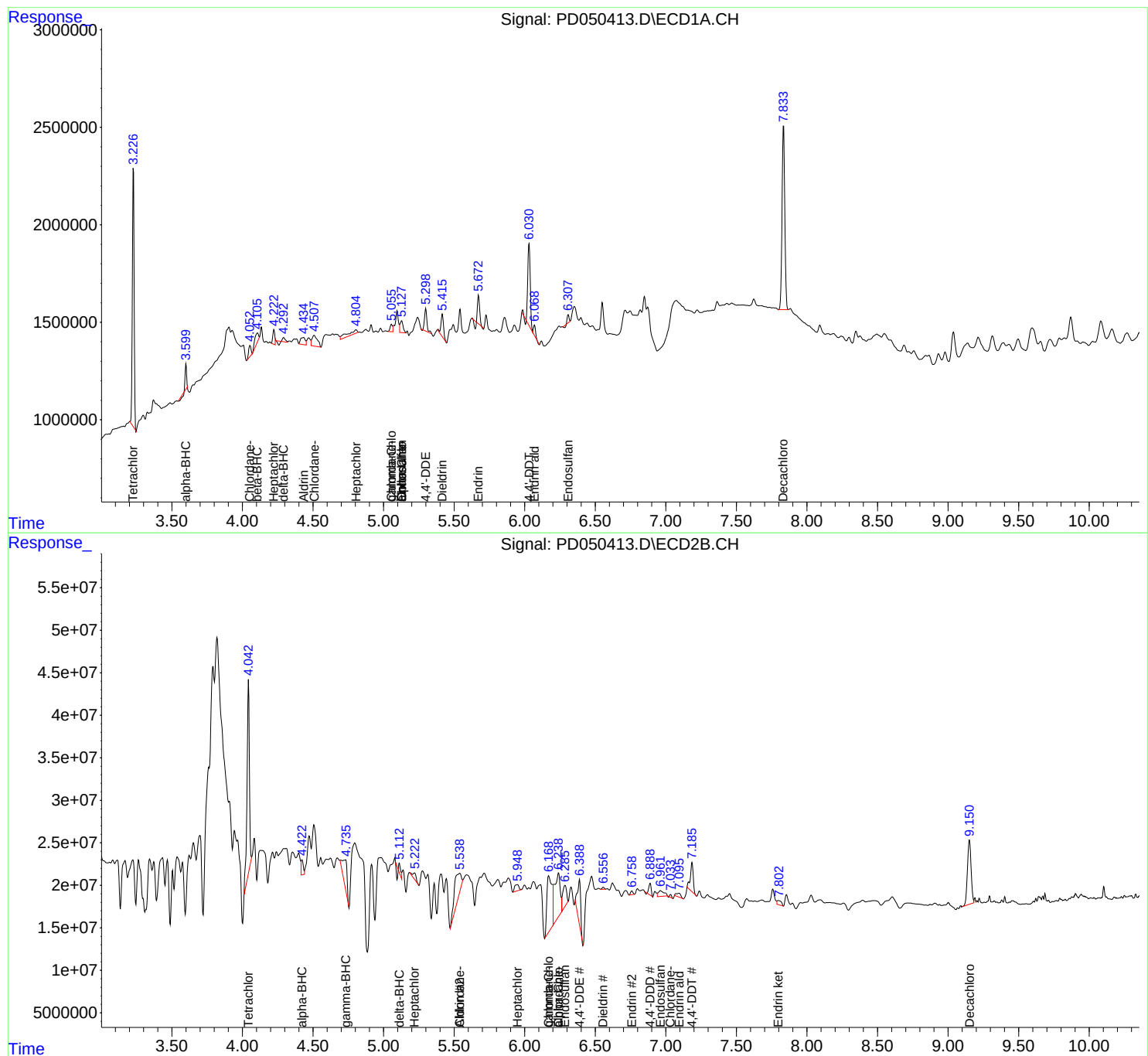
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

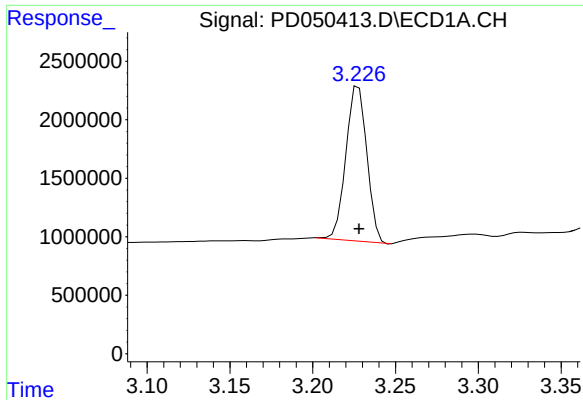
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111718\  
Data File : PD050413.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Nov 2018 17:41  
Operator : AJ\SJ  
Sample : J5977-12  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 17 01:20:05 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 16 02:59:21 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

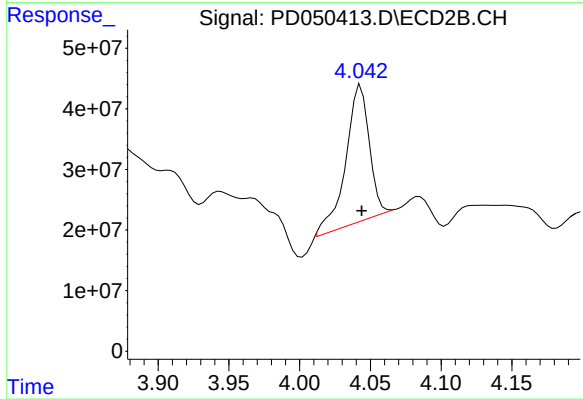




#1 Tetrachloro-m-xylene

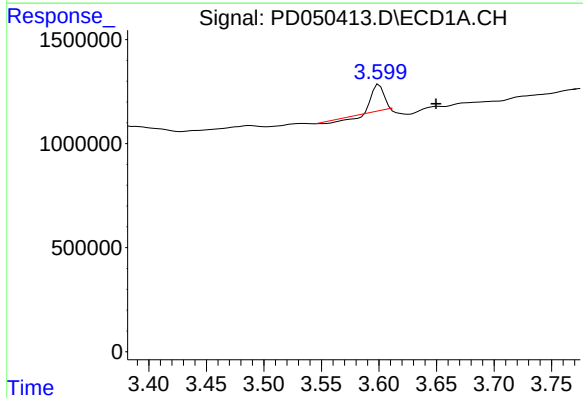
R.T.: 3.228 min  
Delta R.T.: 0.000 min  
Response: 11684196  
Conc: 8.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



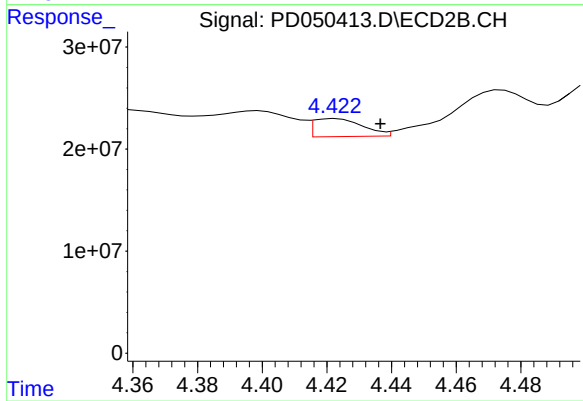
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 258668055  
Conc: 9.39 ng/ml



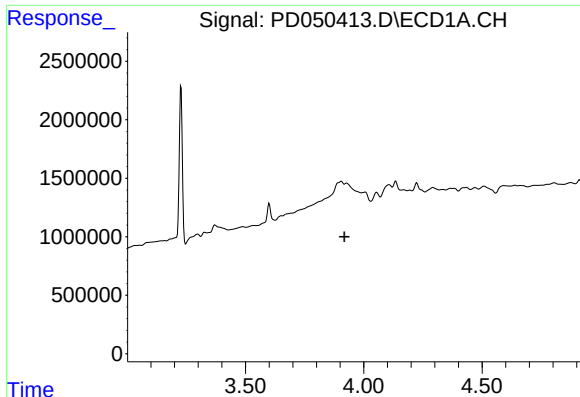
#2 alpha-BHC

R.T.: 3.600 min  
Delta R.T.: -0.049 min  
Response: 760772  
Conc: 0.32 ng/ml



#2 alpha-BHC

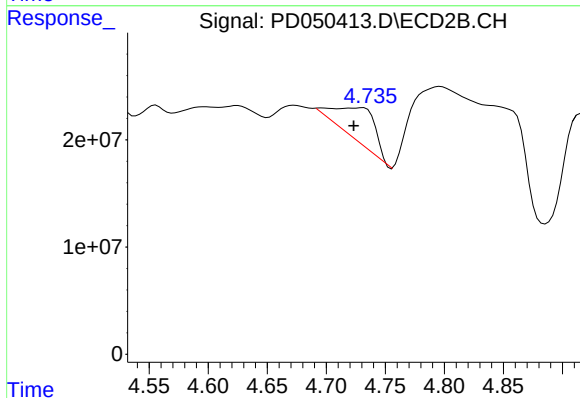
R.T.: 4.423 min  
Delta R.T.: -0.013 min  
Response: 18749505  
Conc: 0.44 ng/ml



#3 gamma-BHC (Lindane)

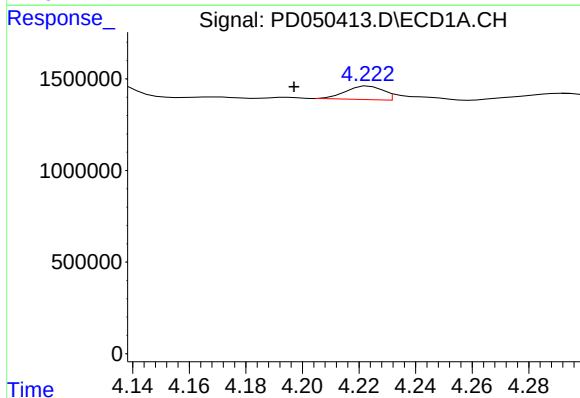
R.T.: 0.000 min  
Exp R.T.: 3.918 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



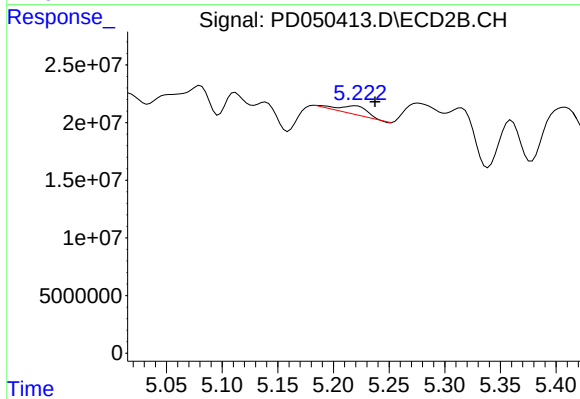
#3 gamma-BHC (Lindane)

R.T.: 4.732 min  
Delta R.T.: 0.008 min  
Response: 73063391  
Conc: 1.92 ng/ml



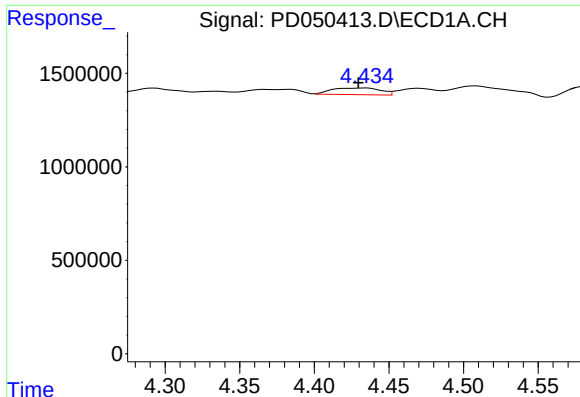
#4 Heptachlor

R.T.: 4.224 min  
Delta R.T.: 0.027 min  
Response: 635253  
Conc: 0.29 ng/ml



#4 Heptachlor

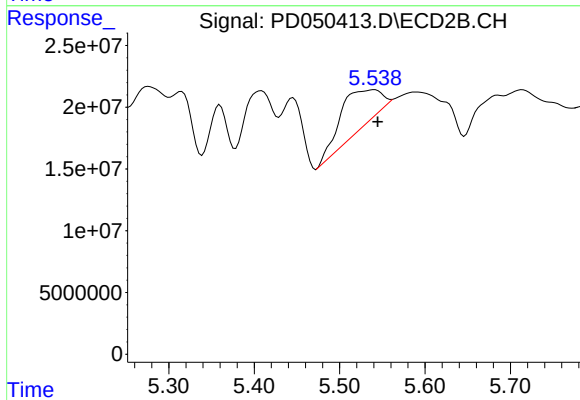
R.T.: 5.220 min  
Delta R.T.: -0.017 min  
Response: 13462373  
Conc: 0.36 ng/ml



#5 Aldrin

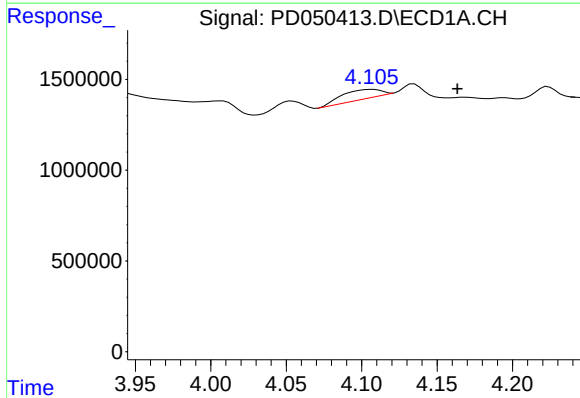
R.T.: 4.434 min  
Delta R.T.: 0.005 min  
Response: 815292  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



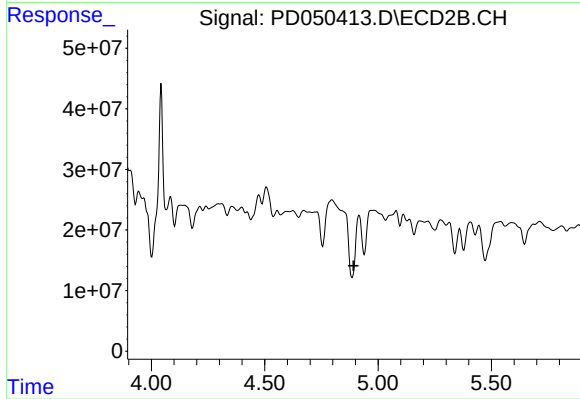
#5 Aldrin

R.T.: 5.541 min  
Delta R.T.: -0.004 min  
Response: 97572951  
Conc: 2.73 ng/ml



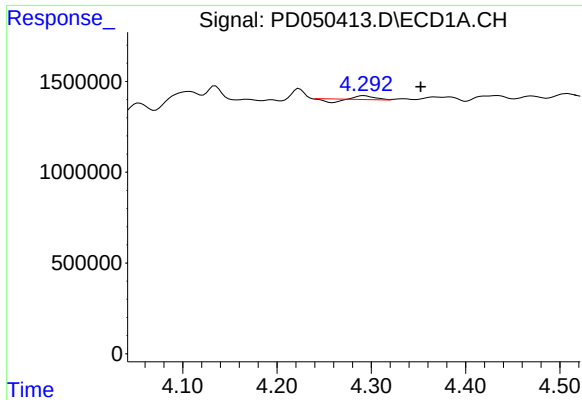
#6 beta-BHC

R.T.: 4.107 min  
Delta R.T.: -0.056 min  
Response: 922068  
Conc: 1.01 ng/ml



#6 beta-BHC

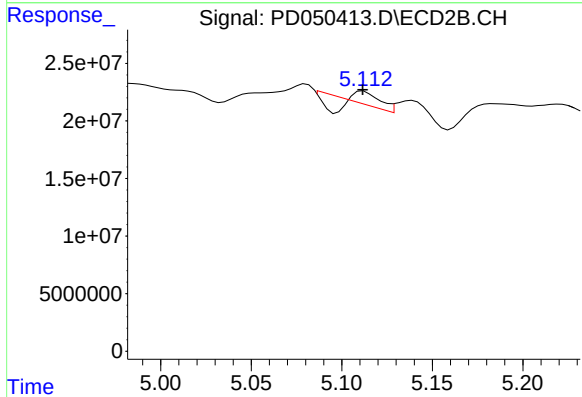
R.T.: 4.916 min  
Delta R.T.: 0.024 min  
Response: -53351356  
Conc: N.D.



#7 delta-BHC

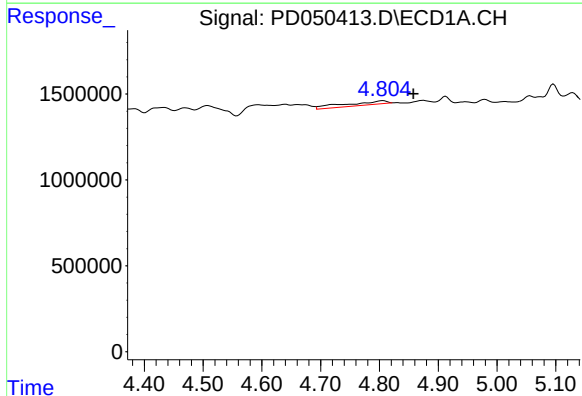
R.T.: 4.292 min  
Delta R.T.: -0.060 min  
Response: 141940  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



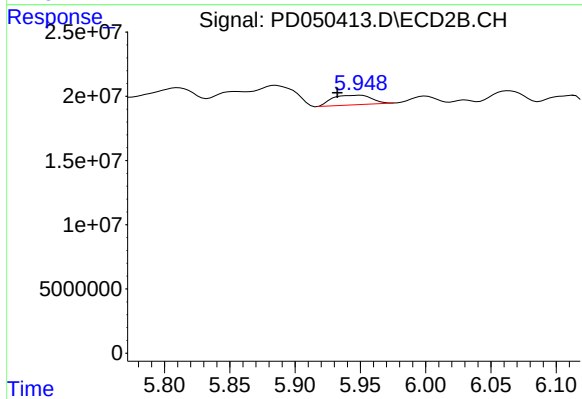
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 2200026  
Conc: 0.06 ng/ml



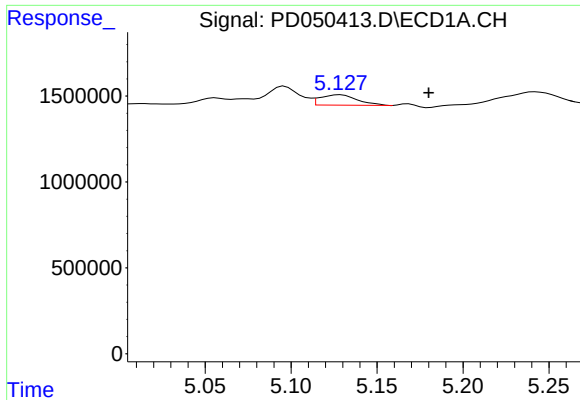
#8 Heptachlor epoxide

R.T.: 4.806 min  
Delta R.T.: -0.052 min  
Response: 1074311  
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

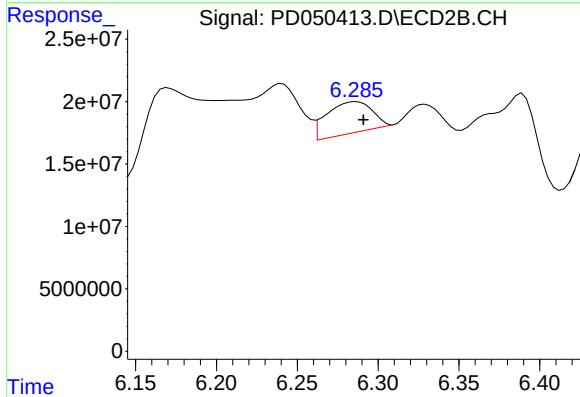
R.T.: 5.949 min  
Delta R.T.: 0.017 min  
Response: 15451386  
Conc: 0.49 ng/ml



#9 Endosulfan I

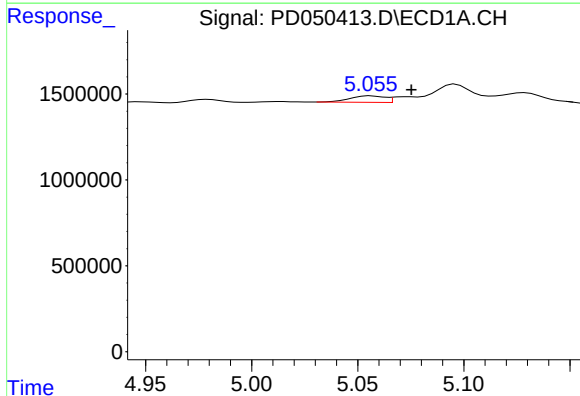
R.T.: 5.129 min  
Delta R.T.: -0.051 min  
Response: 905963  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



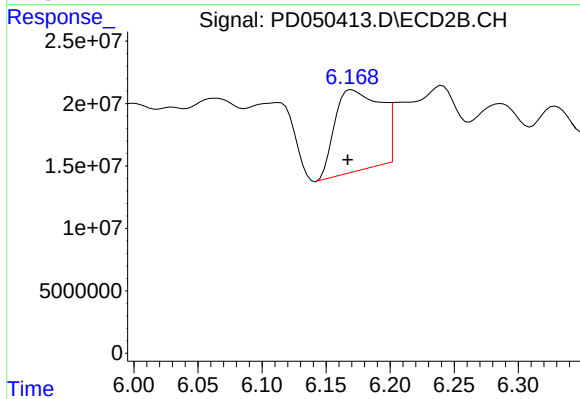
#9 Endosulfan I

R.T.: 6.286 min  
Delta R.T.: -0.005 min  
Response: 48965401  
Conc: 1.73 ng/ml



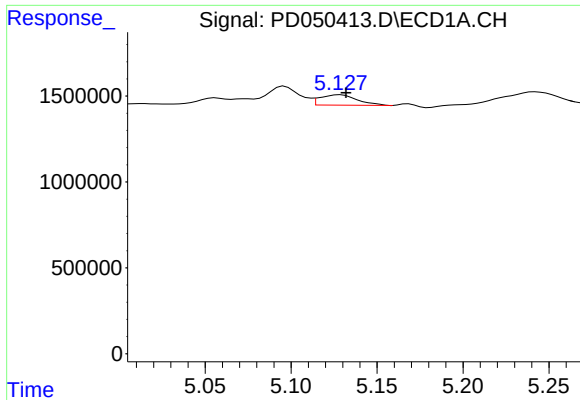
#10 gamma-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.019 min  
Response: 432526  
Conc: 0.20 ng/ml



#10 gamma-Chlordane

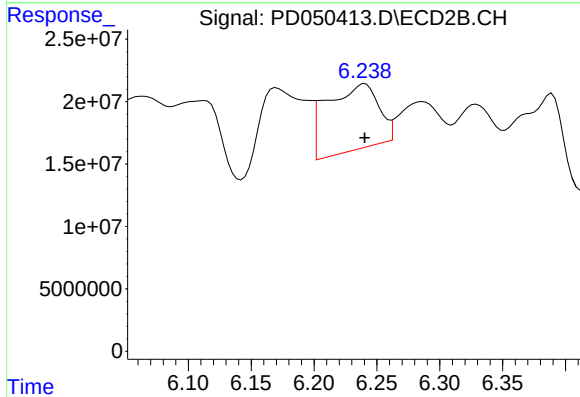
R.T.: 6.170 min  
Delta R.T.: 0.003 min  
Response: 160869065  
Conc: 5.08 ng/ml



#11 alpha-Chlordane

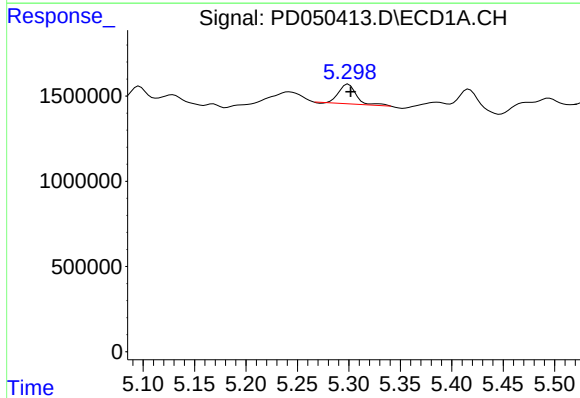
R.T.: 5.129 min  
Delta R.T.: -0.003 min  
Response: 905963  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



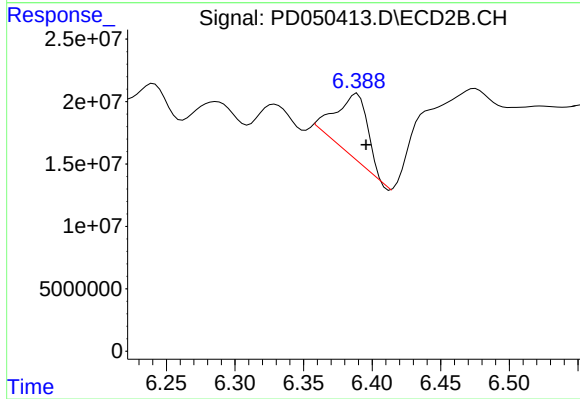
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 150106425  
Conc: 4.94 ng/ml



#12 4,4'-DDE

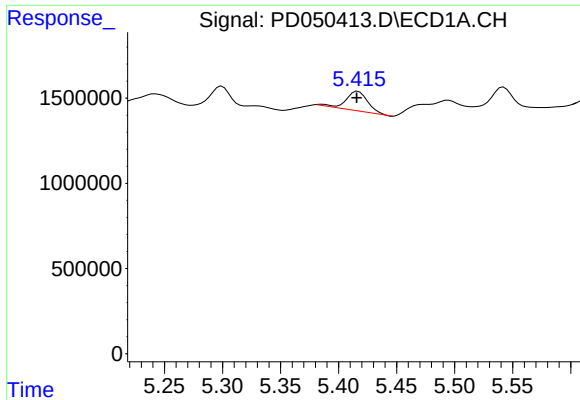
R.T.: 5.300 min  
Delta R.T.: -0.002 min  
Response: 1337841  
Conc: 0.65 ng/ml



#12 4,4'-DDE

R.T.: 6.389 min  
Delta R.T.: -0.007 min  
Response: 82747200  
Conc: 2.81 ng/ml

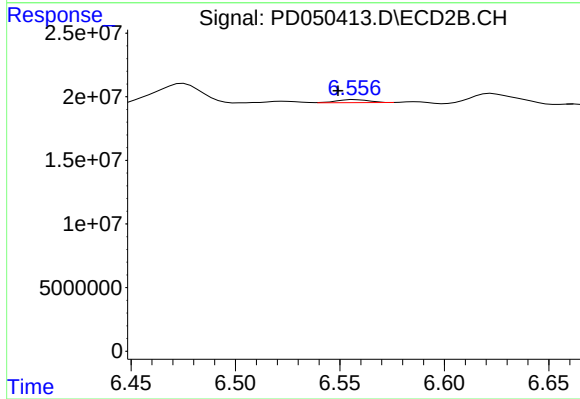




#13 Dieldrin

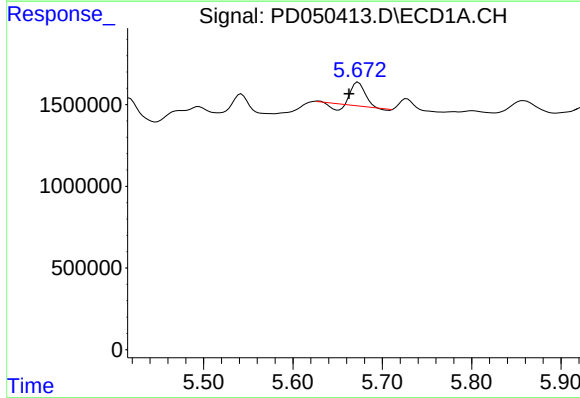
R.T.: 5.417 min  
Delta R.T.: 0.001 min  
Response: 1503870  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



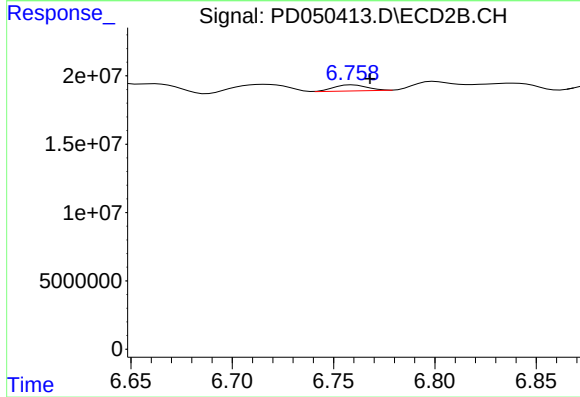
#13 Dieldrin

R.T.: 6.557 min  
Delta R.T.: 0.008 min  
Response: 2554905  
Conc: 0.08 ng/ml



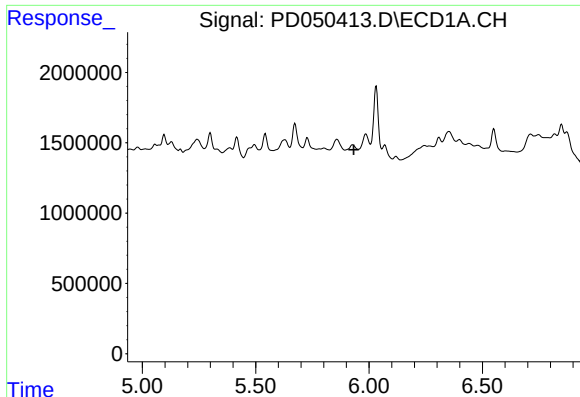
#14 Endrin

R.T.: 5.673 min  
Delta R.T.: 0.010 min  
Response: 1162382  
Conc: 0.60 ng/ml



#14 Endrin

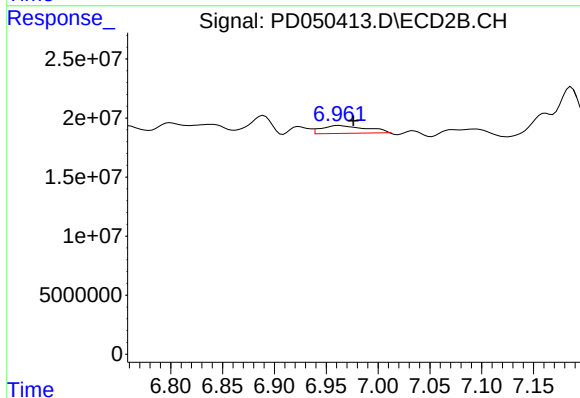
R.T.: 6.760 min  
Delta R.T.: -0.008 min  
Response: 4995144  
Conc: 0.21 ng/ml



#15 Endosulfan II

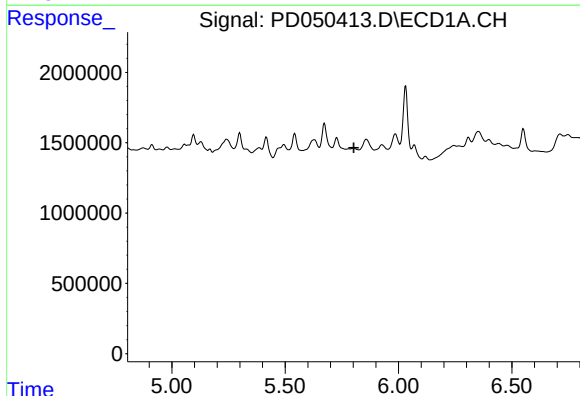
R.T.: 5.928 min  
Delta R.T.: -0.005 min  
Response: -201141  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



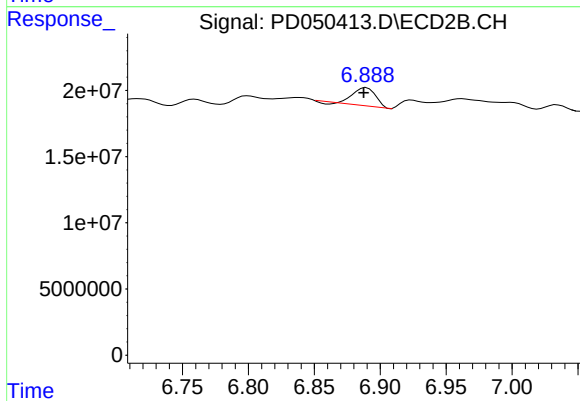
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.014 min  
Response: 19270011  
Conc: 0.79 ng/ml



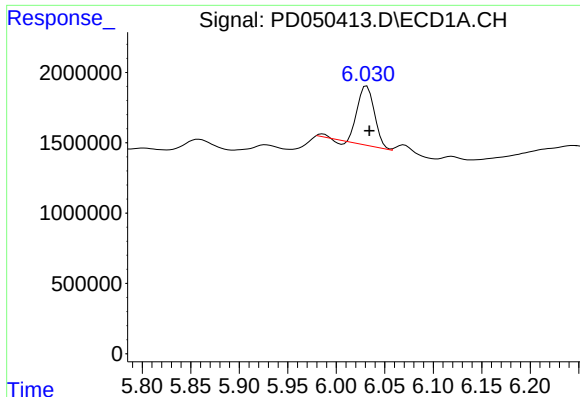
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.803 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

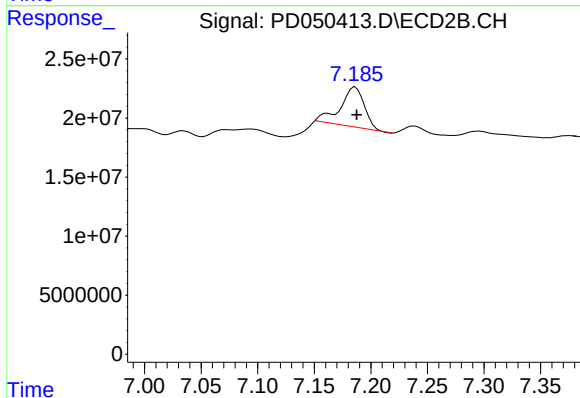
R.T.: 6.889 min  
Delta R.T.: 0.002 min  
Response: 15398602  
Conc: 0.67 ng/ml



#17 4,4'-DDT

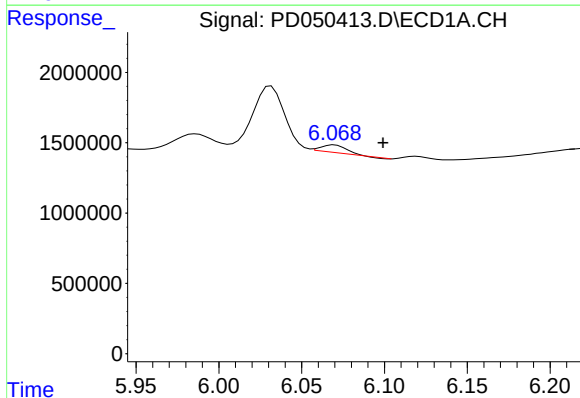
R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 5139731  
Conc: 2.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



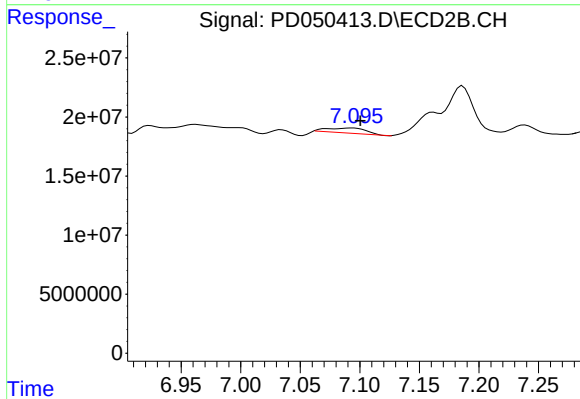
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.001 min  
Response: 49925983  
Conc: 2.42 ng/ml



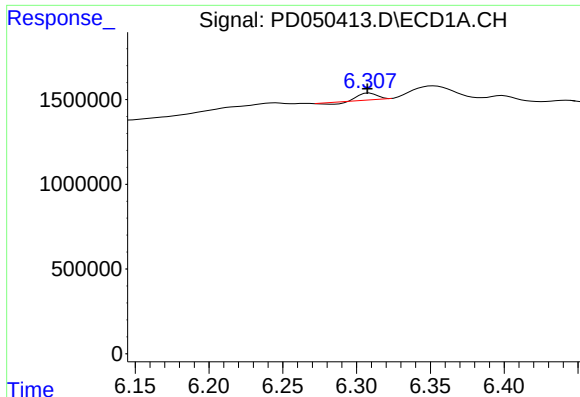
#18 Endrin aldehyde

R.T.: 6.070 min  
Delta R.T.: -0.030 min  
Response: 557150  
Conc: 0.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.094 min  
Delta R.T.: -0.006 min  
Response: 9708839  
Conc: 0.48 ng/ml



#19 Endosulfan Sulfate

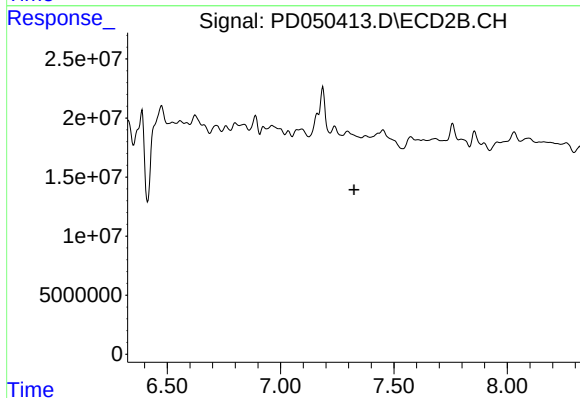
R.T.: 6.309 min

Delta R.T.: 0.001 min

Response: 263661

Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



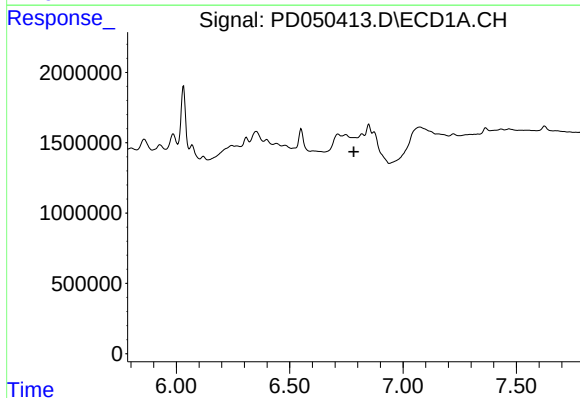
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.324 min

Response: 0

Conc: N.D.



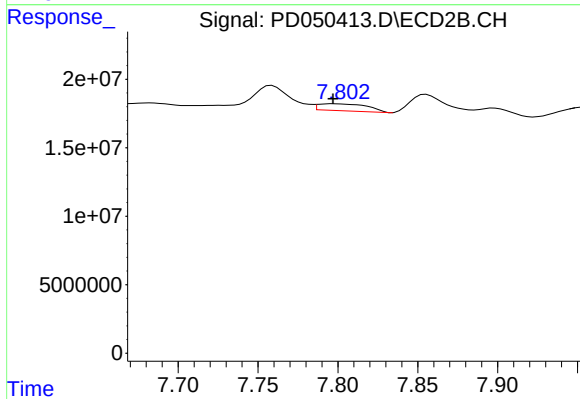
#21 Endrin ketone

R.T.: 6.819 min

Delta R.T.: 0.036 min

Response: -24435

Conc: N.D.



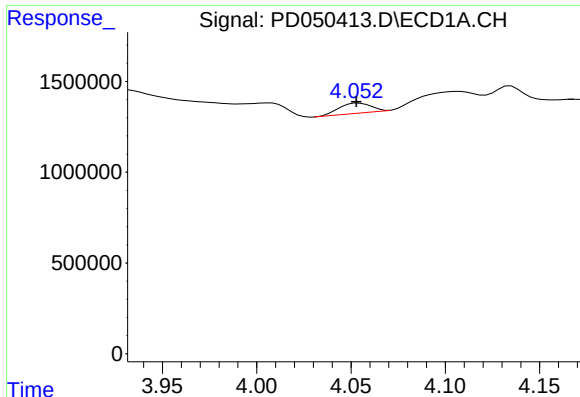
#21 Endrin ketone

R.T.: 7.798 min

Delta R.T.: 0.000 min

Response: 10868318

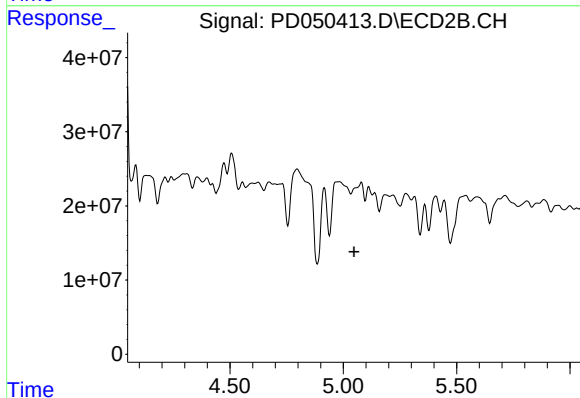
Conc: 0.47 ng/ml



#23 Chlordane-1

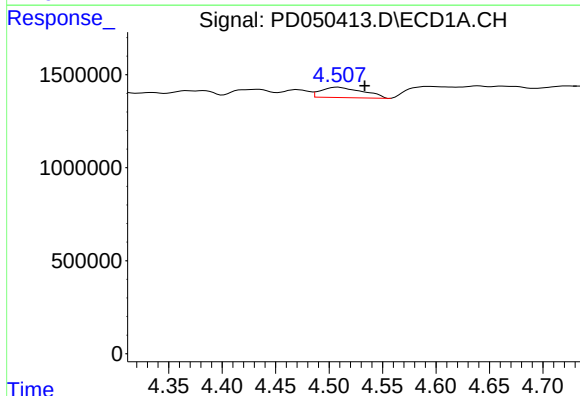
R.T.: 4.054 min  
Delta R.T.: 0.001 min  
Response: 643961  
Conc: 9.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



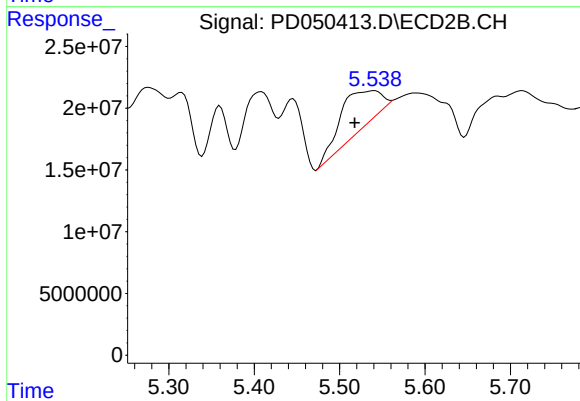
#23 Chlordane-1

R.T.: 5.080 min  
Delta R.T.: 0.033 min  
Response: -9575178  
Conc: N.D.



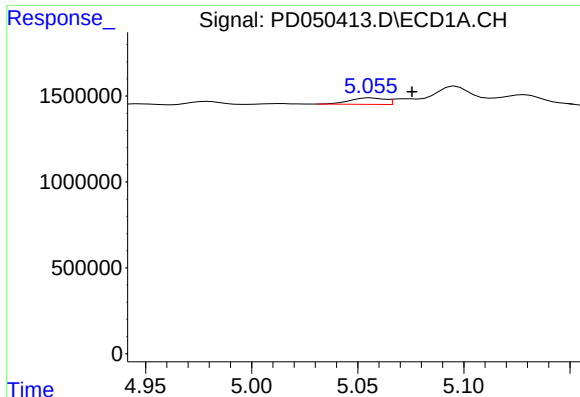
#24 Chlordane-2

R.T.: 4.508 min  
Delta R.T.: -0.025 min  
Response: 1507393  
Conc: 19.15 ng/ml



#24 Chlordane-2

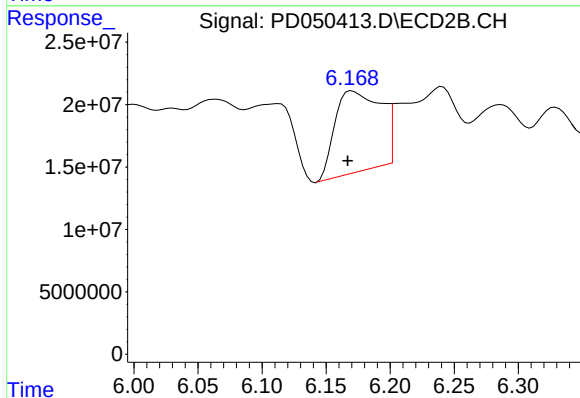
R.T.: 5.541 min  
Delta R.T.: 0.023 min  
Response: 97572951  
Conc: 78.22 ng/ml



#25 Chlordane-3

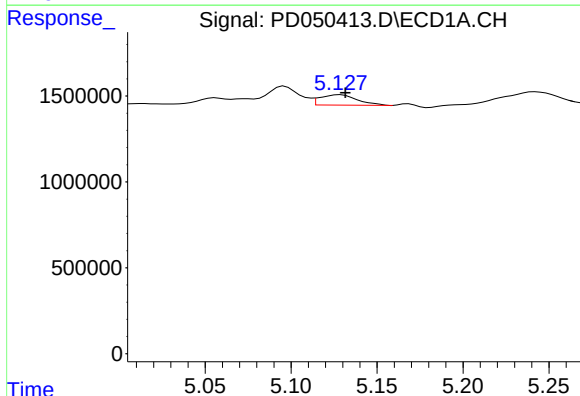
R.T.: 5.056 min  
Delta R.T.: -0.019 min  
Response: 432526  
Conc: 1.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



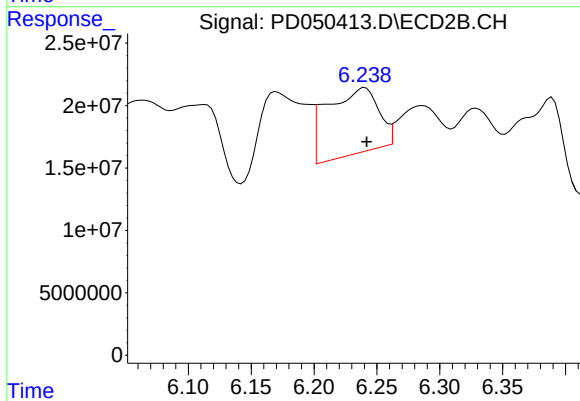
#25 Chlordane-3

R.T.: 6.170 min  
Delta R.T.: 0.003 min  
Response: 160869065  
Conc: 39.93 ng/ml



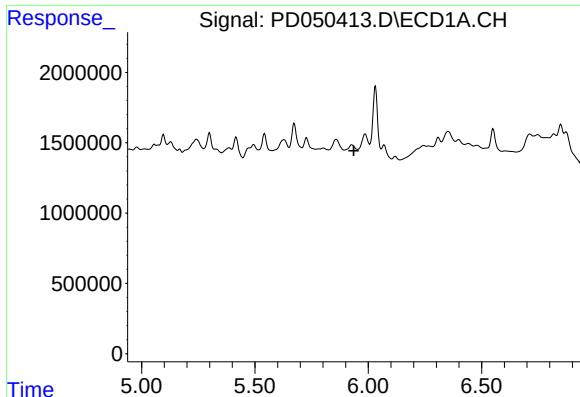
#26 Chlordane-4

R.T.: 5.129 min  
Delta R.T.: -0.003 min  
Response: 905963  
Conc: 4.07 ng/ml



#26 Chlordane-4

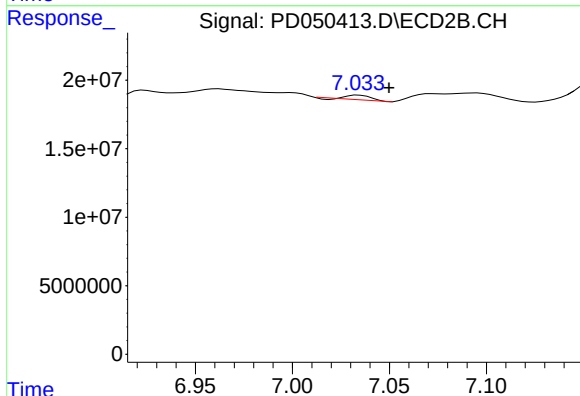
R.T.: 6.240 min  
Delta R.T.: -0.001 min  
Response: 150106425  
Conc: 32.79 ng/ml



#27 Chlordane-5

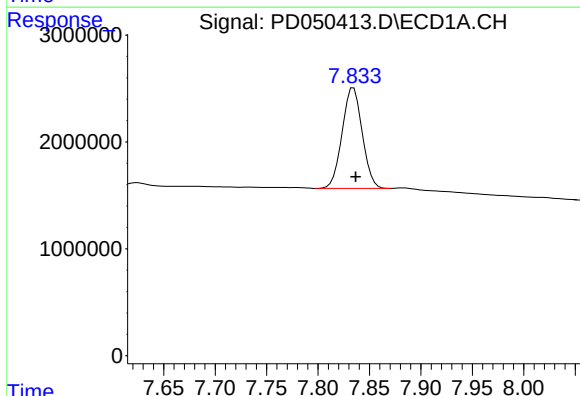
R.T.: 5.928 min  
Delta R.T.: -0.009 min  
Response: -201141  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



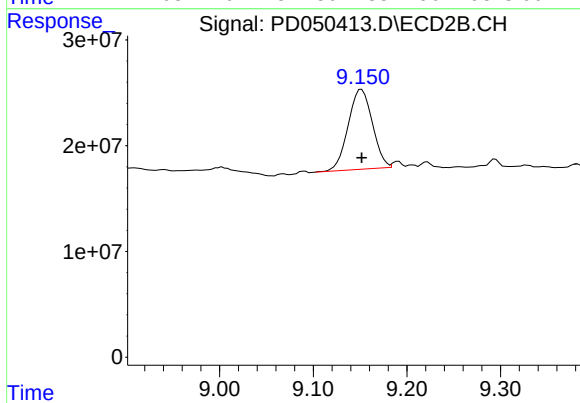
#27 Chlordane-5

R.T.: 7.034 min  
Delta R.T.: -0.016 min  
Response: 2546095  
Conc: 2.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.002 min  
Response: 12831528  
Conc: 8.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.152 min  
Delta R.T.: 0.000 min  
Response: 135867541  
Conc: 6.71 ng/ml