

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101118\  
 Data File : PD049832.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Oct 2018 17:10  
 Operator : AJ\SJ  
 Sample : J5394-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 07:27:09 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 12:26:45 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... | 3.285  | 4.035  | 11906302 | 198.9E6  | 8.231  | 8.474   |
| 28)                         | SA Decachlor... | 7.884  | 9.133  | 15704751 | 183.3E6  | 10.499 | 9.376   |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 4.488f | 0        | 39816534 | N.D.   | 1.110 # |
| 3)                          | MA gamma-BHC... | 3.981  | 4.655f | 745644   | -1706105 | 0.343  | N.D. #  |
| 4)                          | MA Heptachlor   | 4.256  | 5.226  | 694588   | 7940890  | 0.317  | 0.251   |
| 5)                          | MB Aldrin       | 4.473  | 0.000  | 403834   | 0        | 0.195  | N.D. #  |
| 6)                          | B beta-BHC      | 4.256  | 4.885  | 694588   | -610855  | 0.802  | N.D. #  |
| 7)                          | B delta-BHC     | 4.413  | 5.098  | 328226   | 4845613  | 0.164  | 0.147   |
| 8)                          | B Heptachlo...  | 4.972f | 5.908  | 559860   | 10062388 | 0.289  | 0.370 # |
| 9)                          | A Endosulfan I  | 5.186f | 6.312f | 1089263  | 3470     | 0.605  | 0.000 # |
| 10)                         | B gamma-Chl...  | 5.113  | 6.157  | 1186276  | 12500227 | 0.594  | 0.450   |
| 11)                         | B alpha-Chl...  | 5.186  | 6.229  | 1089263  | 31907805 | 0.554  | 1.209 # |
| 12)                         | B 4,4'-DDE      | 5.357  | 6.382  | 827044   | 25750226 | 0.476  | 0.985 # |
| 13)                         | MA Dieldrin     | 5.473  | 6.522  | 682890   | 720540   | 0.350  | 0.027 # |
| 14)                         | MA Endrin       | 5.692  | 6.744  | 432514   | 6233413  | 0.276  | 0.343   |
| 15)                         | B Endosulfa...  | 5.986  | 6.965  | 1042631  | 5425270  | 0.606  | 0.242 # |
| 16)                         | A 4,4'-DDD      | 5.914f | 6.879  | 455547   | 14620123 | 0.316  | 0.701 # |
| 17)                         | MA 4,4'-DDT     | 6.081  | 7.222f | 1144335  | 2075008  | 0.794  | 0.115 # |
| 18)                         | B Endrin al...  | 0.000  | 7.085  | 0        | 410212   | N.D.   | 0.022 # |
| 19)                         | B Endosulfa...  | 6.361  | 7.308  | 249197   | 3011596  | 0.161  | 0.140   |
| 23)                         | Chlordane-1     | 4.112  | 5.036  | 962505   | 16370202 | 14.998 | 14.487  |
| 24)                         | Chlordane-2     | 4.594  | 5.449  | 2085193  | 1484900  | 29.062 | 1.548 # |
| 25)                         | Chlordane-3     | 5.113  | 6.157  | 1186276  | 12500227 | 5.564  | 3.493 # |
| 26)                         | Chlordane-4     | 5.186  | 6.229  | 1089263  | 31907805 | 5.230  | 7.886 # |
| 27)                         | Chlordane-5     | 5.986  | 7.036  | 1042631  | 1912002  | 16.422 | 2.360 # |
| -----                       |                 |        |        |          |          |        |         |

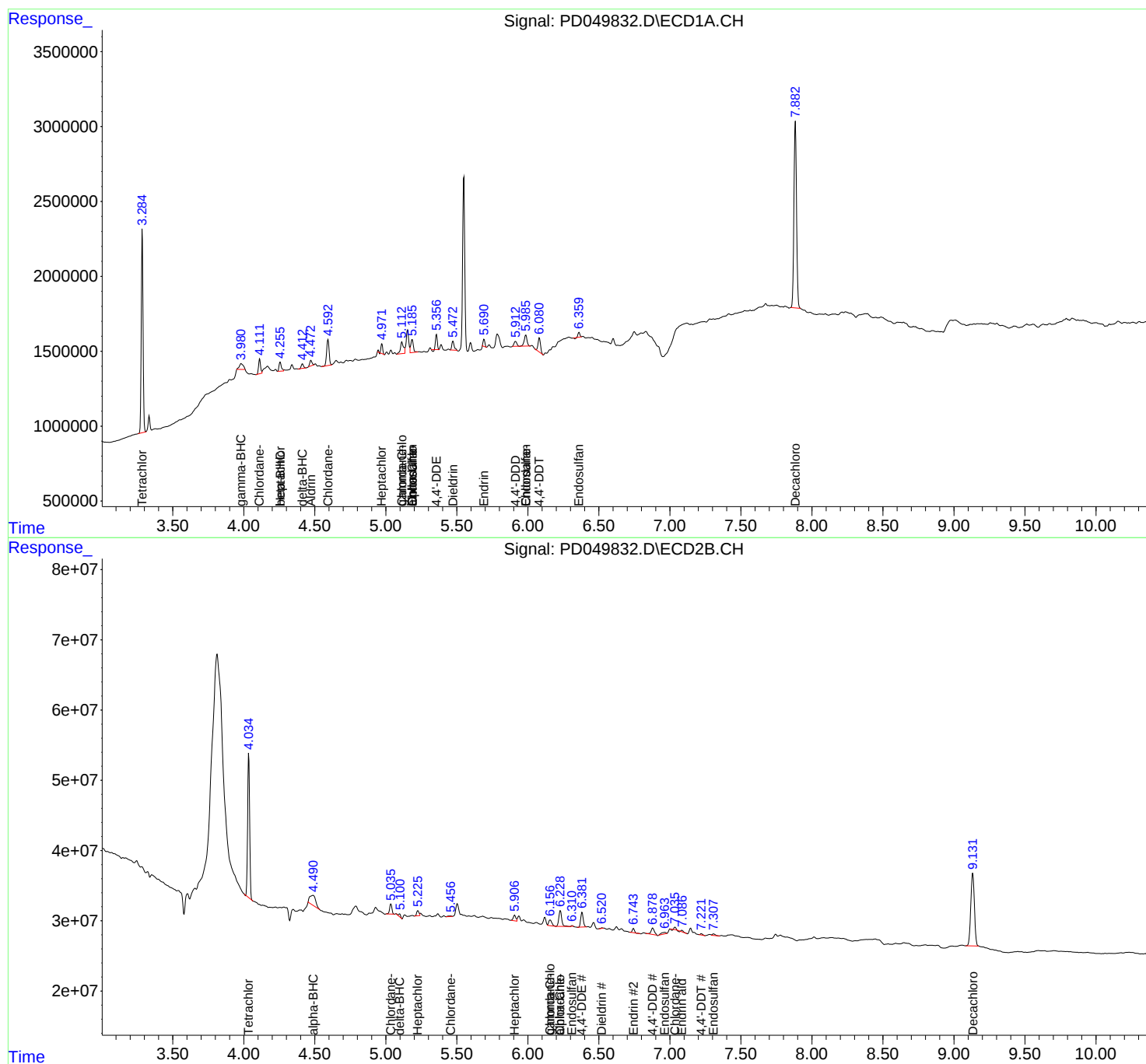
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

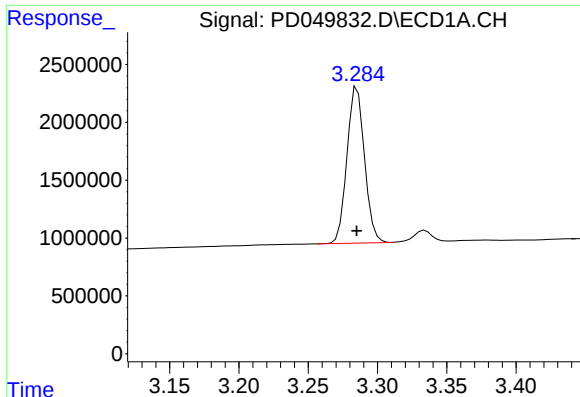
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101118\  
Data File : PD049832.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Oct 2018 17:10  
Operator : AJ\SJ  
Sample : J5394-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 07:27:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 12:26:45 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

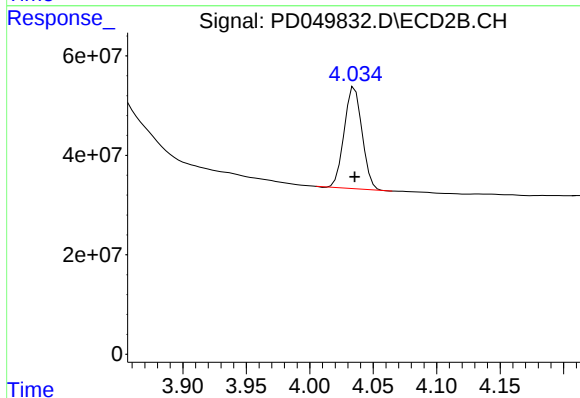




#1 Tetrachloro-m-xylene

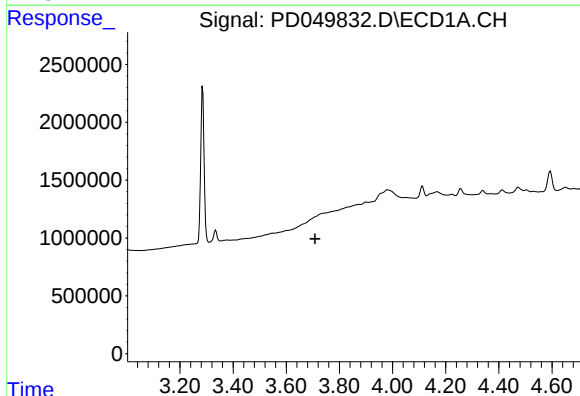
R.T.: 3.285 min  
Delta R.T.: 0.000 min  
Response: 11906302  
Conc: 8.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



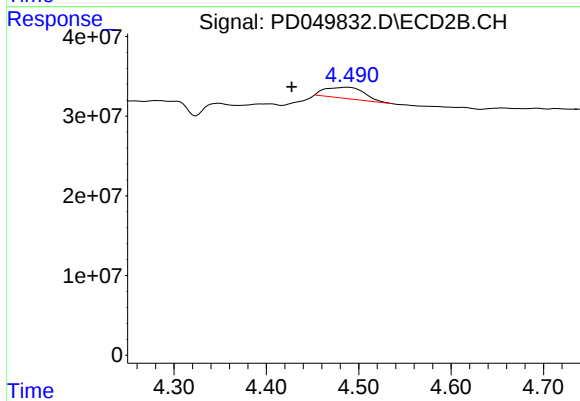
#1 Tetrachloro-m-xylene

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 198894689  
Conc: 8.47 ng/ml



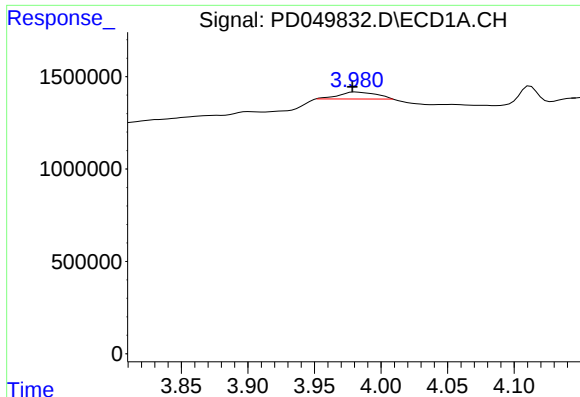
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.709 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

R.T.: 4.488 min  
Delta R.T.: 0.061 min  
Response: 39816534  
Conc: 1.11 ng/ml



#3 gamma-BHC (Lindane)

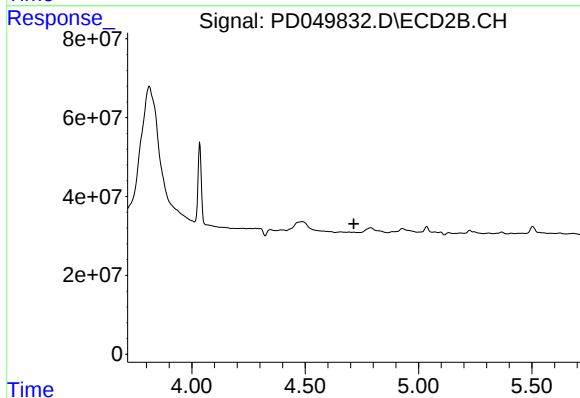
R.T.: 3.981 min

Delta R.T.: 0.003 min

Response: 745644

Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



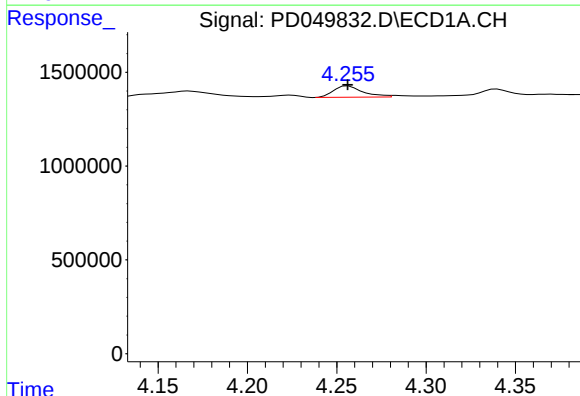
#3 gamma-BHC (Lindane)

R.T.: 4.655 min

Delta R.T.: -0.059 min

Response: -1706105

Conc: N.D.



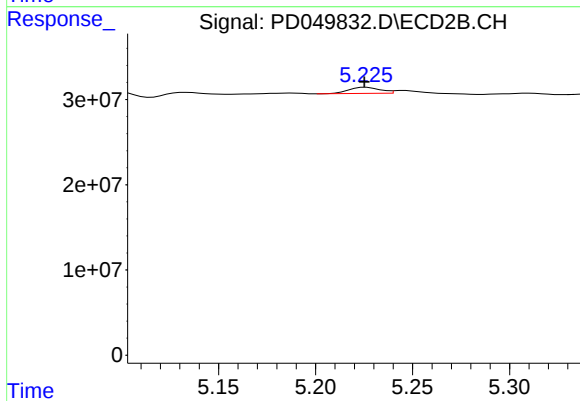
#4 Heptachlor

R.T.: 4.256 min

Delta R.T.: 0.000 min

Response: 694588

Conc: 0.32 ng/ml



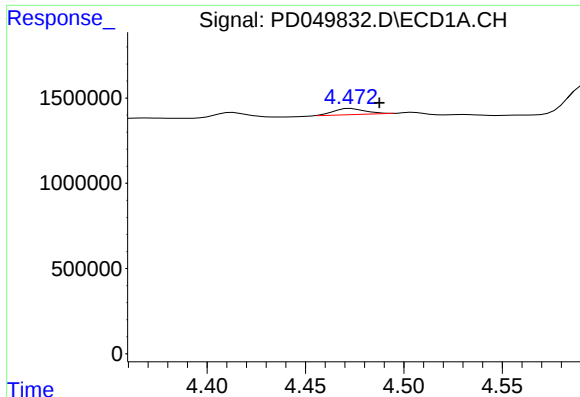
#4 Heptachlor

R.T.: 5.226 min

Delta R.T.: 0.000 min

Response: 7940890

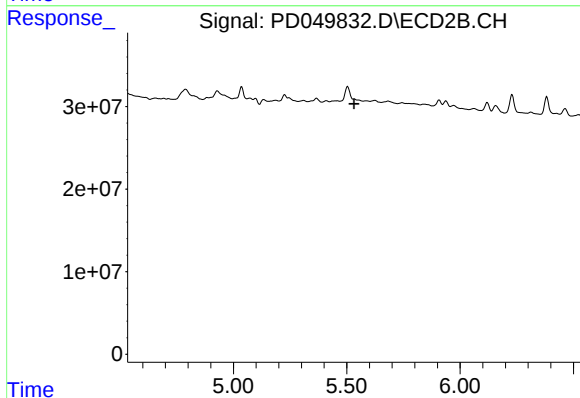
Conc: 0.25 ng/ml



#5 Aldrin

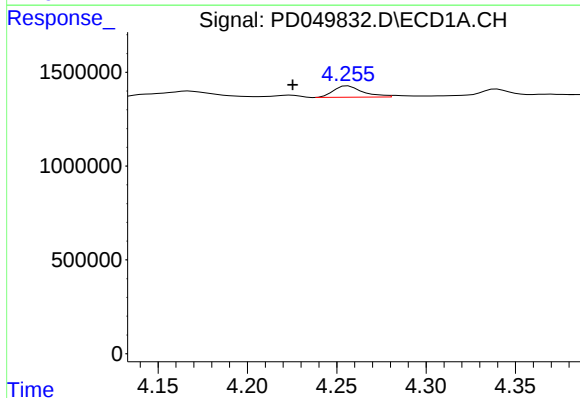
R.T.: 4.473 min  
Delta R.T.: -0.014 min  
Response: 403834  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



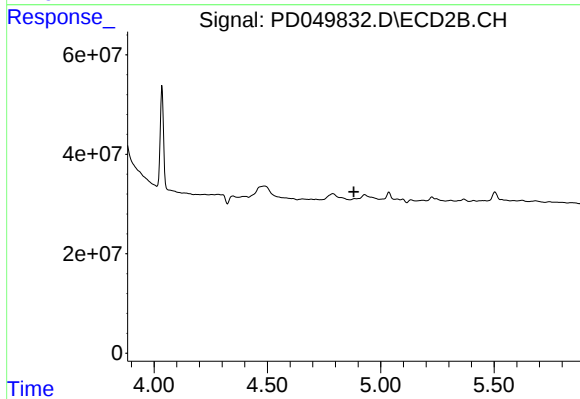
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.532 min  
Response: 0  
Conc: N.D.



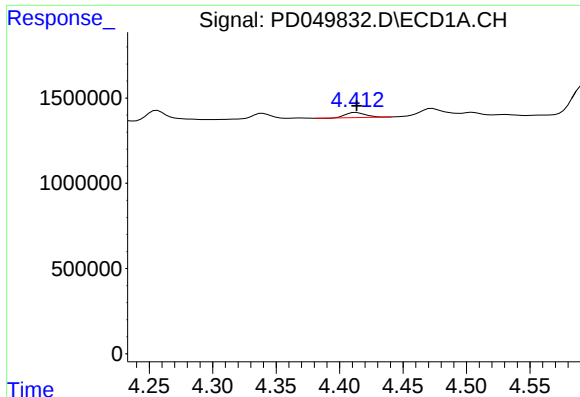
#6 beta-BHC

R.T.: 4.256 min  
Delta R.T.: 0.031 min  
Response: 694588  
Conc: 0.80 ng/ml



#6 beta-BHC

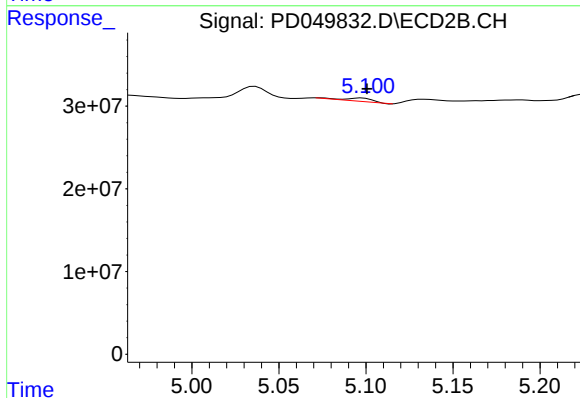
R.T.: 4.885 min  
Delta R.T.: 0.003 min  
Response: -610855  
Conc: N.D.



#7 delta-BHC

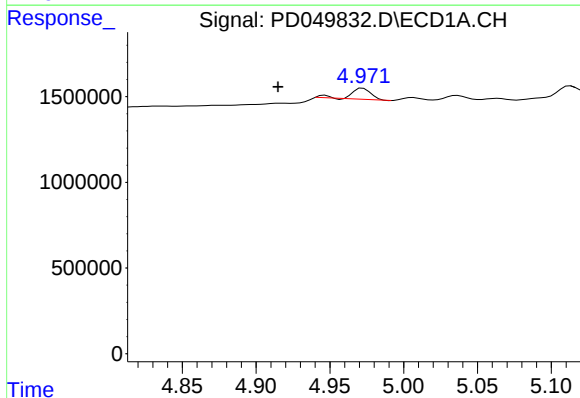
R.T.: 4.413 min  
Delta R.T.: 0.000 min  
Response: 328226  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



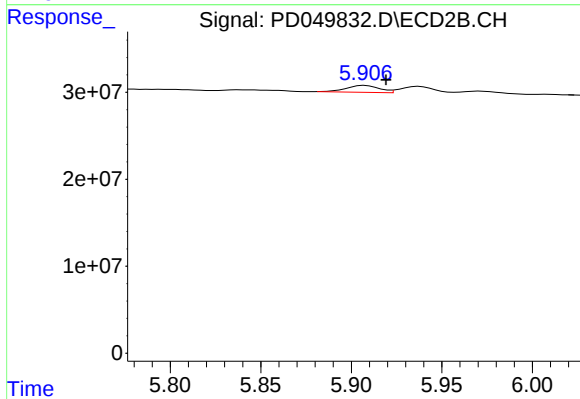
#7 delta-BHC

R.T.: 5.098 min  
Delta R.T.: -0.003 min  
Response: 4845613  
Conc: 0.15 ng/ml



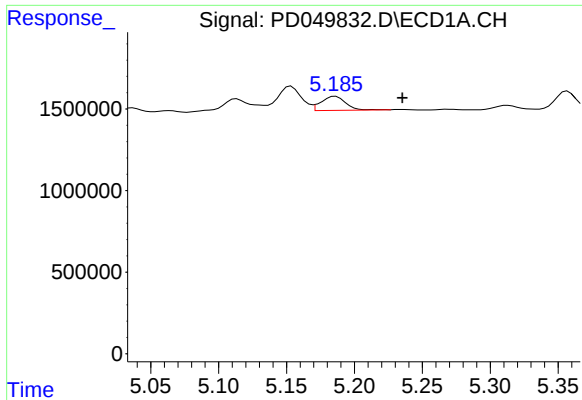
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: 0.057 min  
Response: 559860  
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

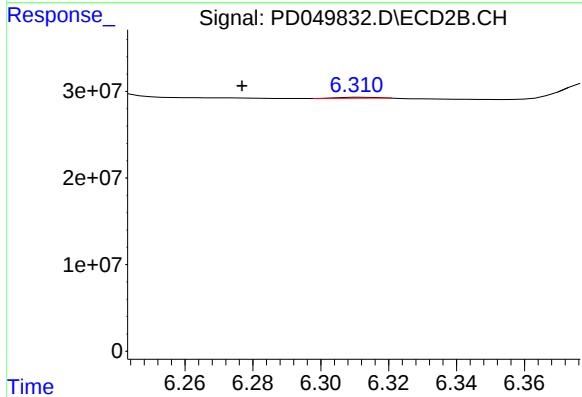
R.T.: 5.908 min  
Delta R.T.: -0.012 min  
Response: 10062388  
Conc: 0.37 ng/ml



#9 Endosulfan I

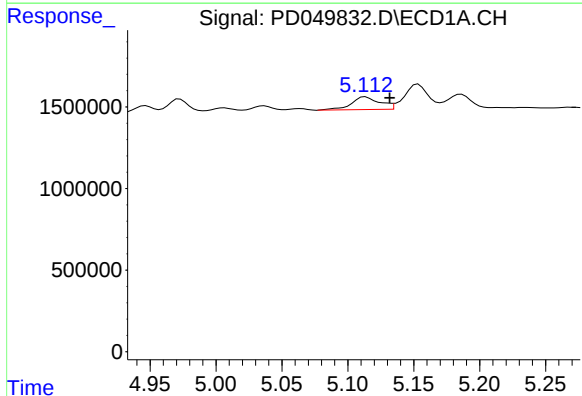
R.T.: 5.186 min  
Delta R.T.: -0.049 min  
Response: 1089263  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



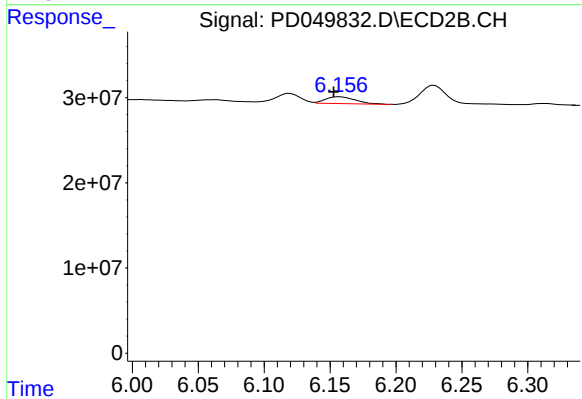
#9 Endosulfan I

R.T.: 6.312 min  
Delta R.T.: 0.036 min  
Response: 3470  
Conc: 0.00 ng/ml



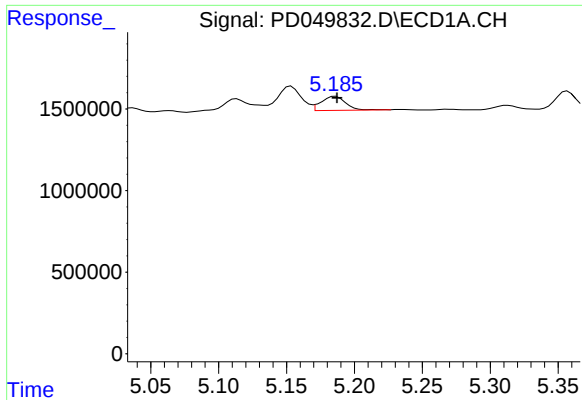
#10 gamma-Chlordane

R.T.: 5.113 min  
Delta R.T.: -0.018 min  
Response: 1186276  
Conc: 0.59 ng/ml



#10 gamma-Chlordane

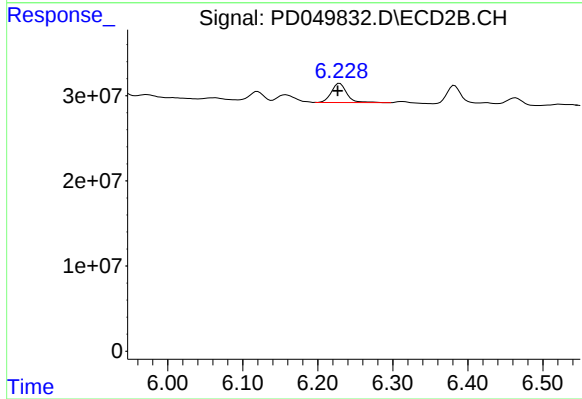
R.T.: 6.157 min  
Delta R.T.: 0.004 min  
Response: 12500227  
Conc: 0.45 ng/ml



#11 alpha-Chlordane

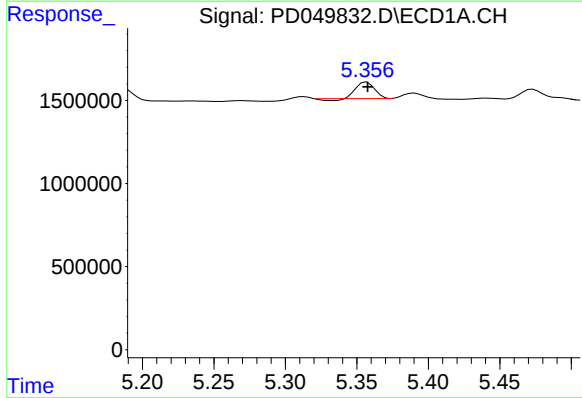
R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 1089263  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



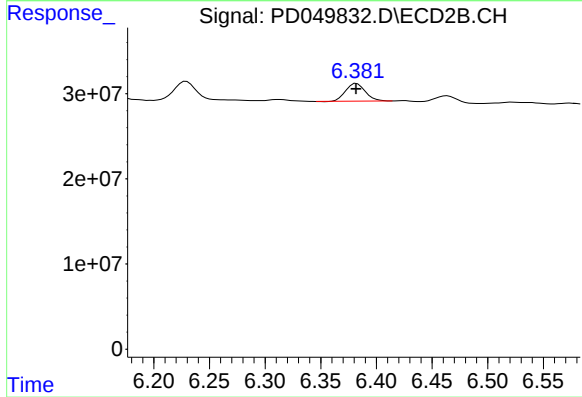
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.002 min  
Response: 31907805  
Conc: 1.21 ng/ml



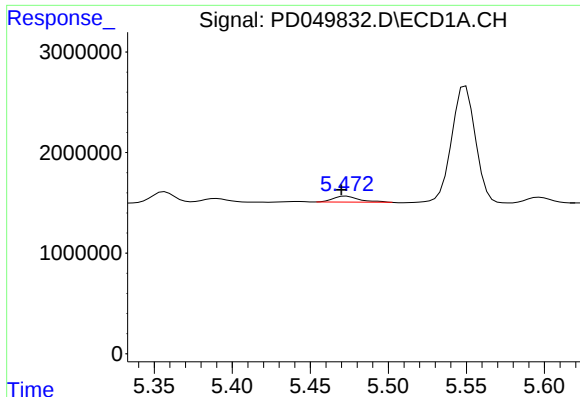
#12 4,4'-DDE

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 827044  
Conc: 0.48 ng/ml



#12 4,4'-DDE

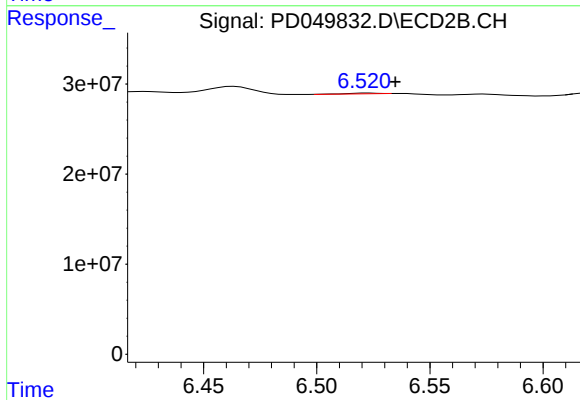
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 25750226  
Conc: 0.98 ng/ml



#13 Dieldrin

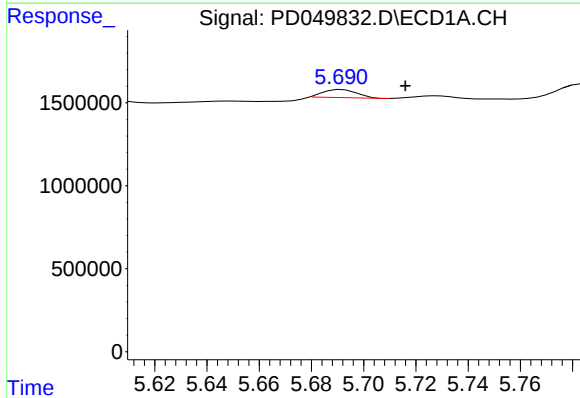
R.T.: 5.473 min  
Delta R.T.: 0.003 min  
Response: 682890  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



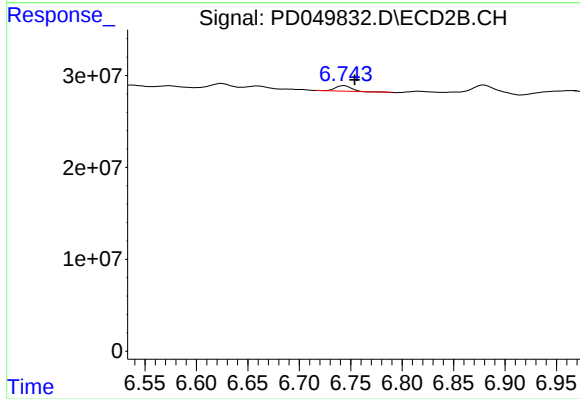
#13 Dieldrin

R.T.: 6.522 min  
Delta R.T.: -0.013 min  
Response: 720540  
Conc: 0.03 ng/ml



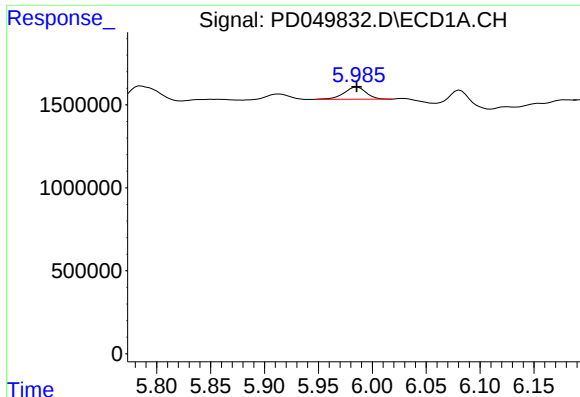
#14 Endrin

R.T.: 5.692 min  
Delta R.T.: -0.024 min  
Response: 432514  
Conc: 0.28 ng/ml



#14 Endrin

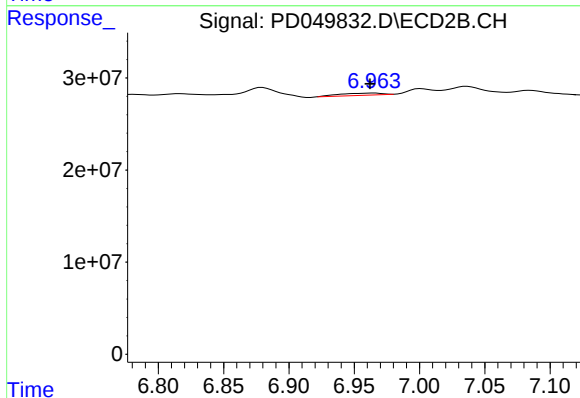
R.T.: 6.744 min  
Delta R.T.: -0.010 min  
Response: 6233413  
Conc: 0.34 ng/ml



#15 Endosulfan II

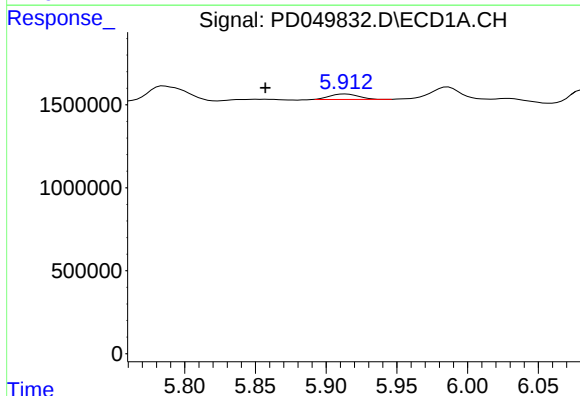
R.T.: 5.986 min  
Delta R.T.: 0.000 min  
Response: 1042631  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



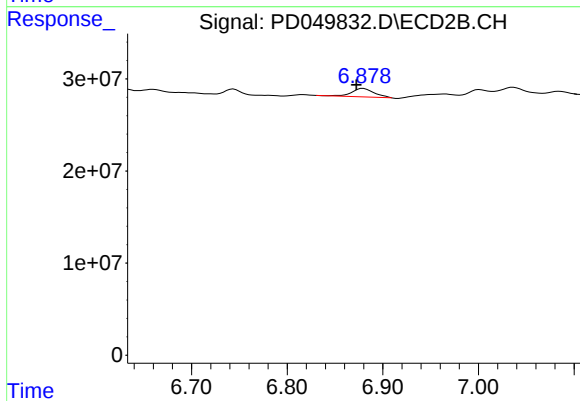
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 5425270  
Conc: 0.24 ng/ml



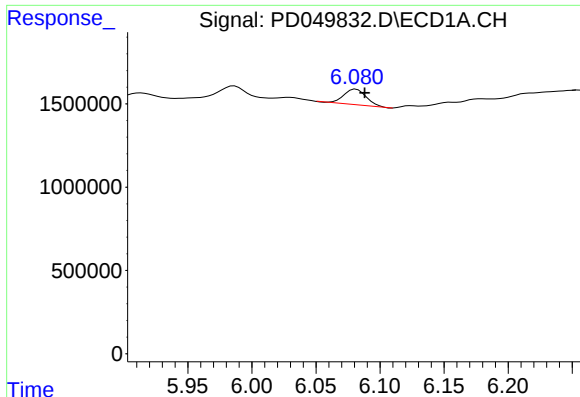
#16 4,4'-DDD

R.T.: 5.914 min  
Delta R.T.: 0.056 min  
Response: 455547  
Conc: 0.32 ng/ml



#16 4,4'-DDD

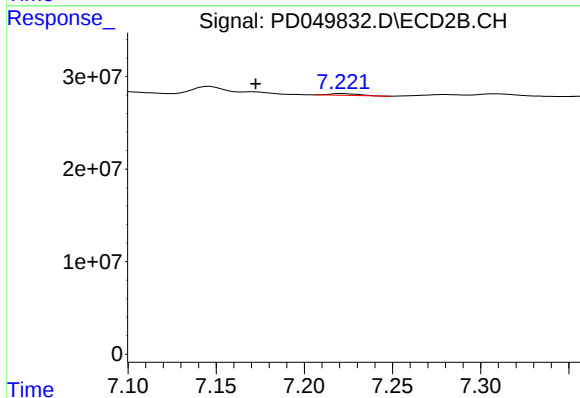
R.T.: 6.879 min  
Delta R.T.: 0.007 min  
Response: 14620123  
Conc: 0.70 ng/ml



#17 4,4'-DDT

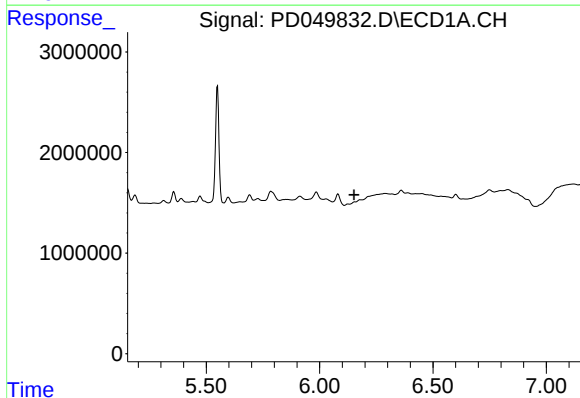
R.T.: 6.081 min  
Delta R.T.: -0.007 min  
Response: 1144335  
Conc: 0.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



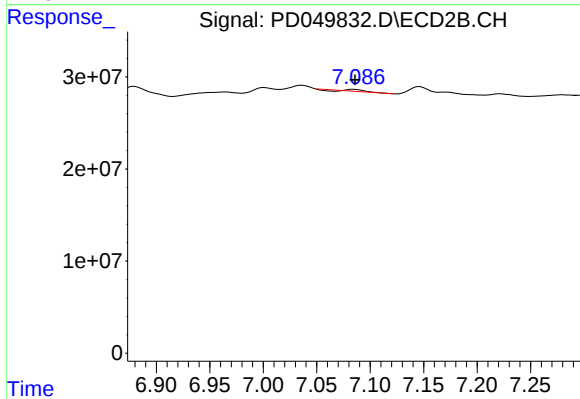
#17 4,4'-DDT

R.T.: 7.222 min  
Delta R.T.: 0.050 min  
Response: 2075008  
Conc: 0.11 ng/ml



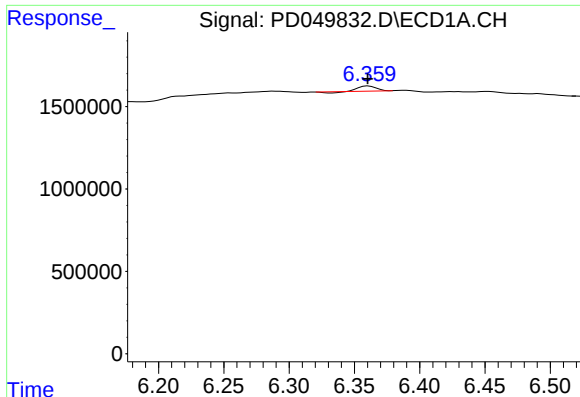
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.153 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

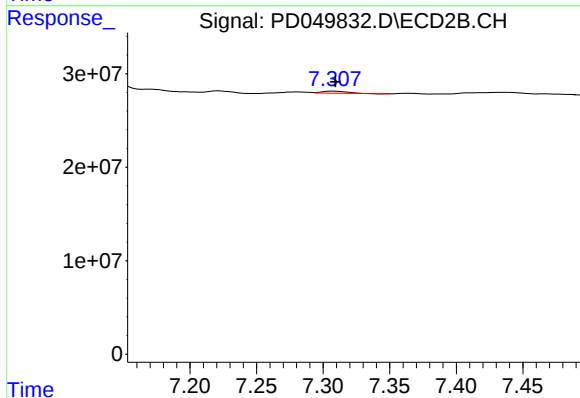
R.T.: 7.085 min  
Delta R.T.: -0.001 min  
Response: 410212  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

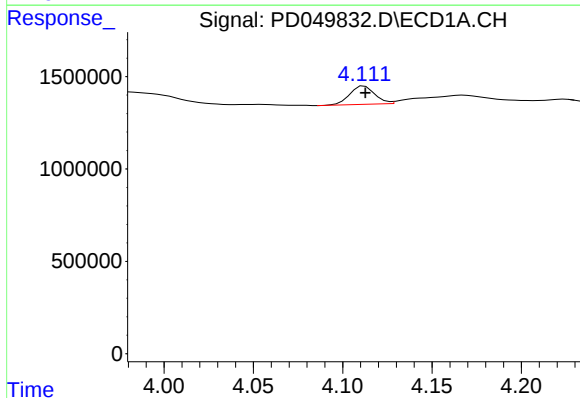
R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 249197  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



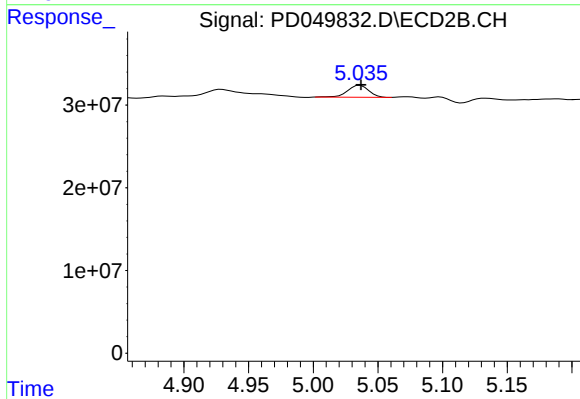
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 3011596  
Conc: 0.14 ng/ml



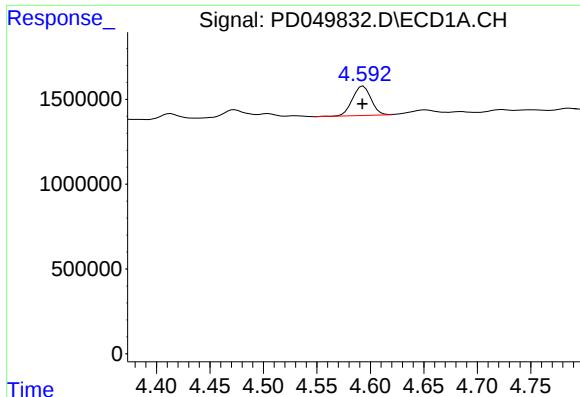
#23 Chlordane-1

R.T.: 4.112 min  
Delta R.T.: 0.000 min  
Response: 962505  
Conc: 15.00 ng/ml



#23 Chlordane-1

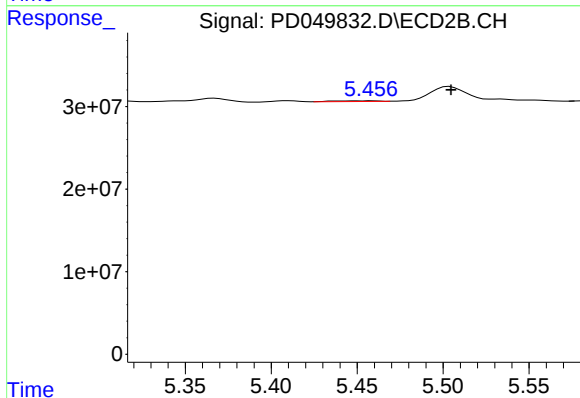
R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 16370202  
Conc: 14.49 ng/ml



#24 Chlordane-2

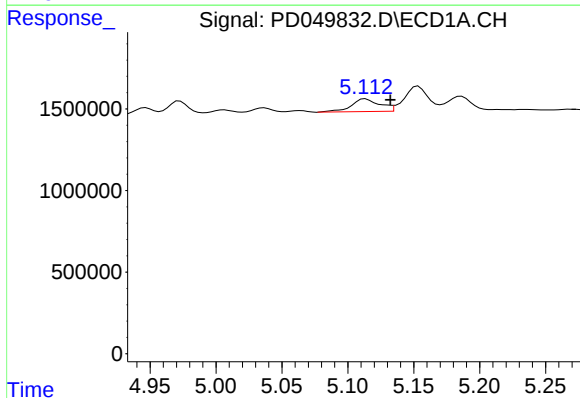
R.T.: 4.594 min  
Delta R.T.: 0.001 min  
Response: 2085193  
Conc: 29.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



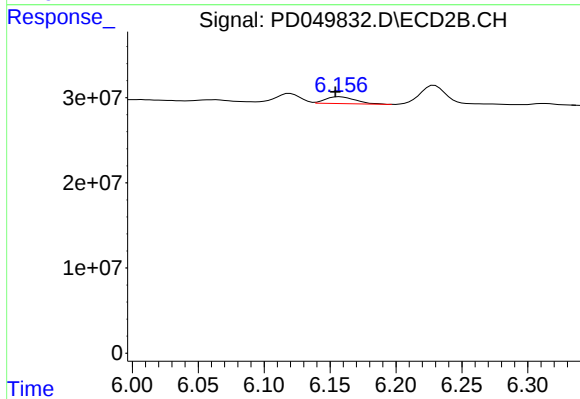
#24 Chlordane-2

R.T.: 5.449 min  
Delta R.T.: -0.055 min  
Response: 1484900  
Conc: 1.55 ng/ml



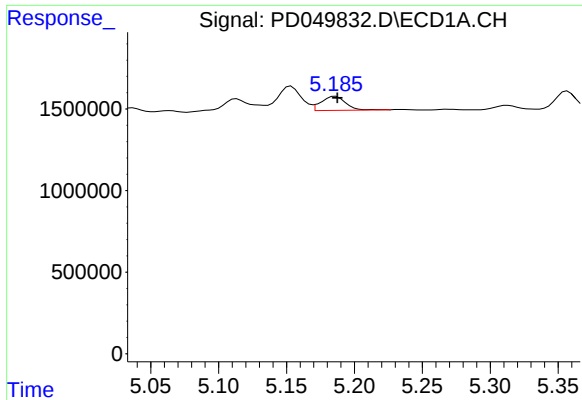
#25 Chlordane-3

R.T.: 5.113 min  
Delta R.T.: -0.019 min  
Response: 1186276  
Conc: 5.56 ng/ml



#25 Chlordane-3

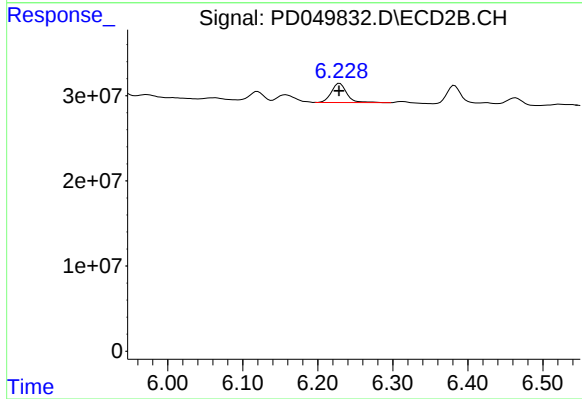
R.T.: 6.157 min  
Delta R.T.: 0.003 min  
Response: 12500227  
Conc: 3.49 ng/ml



#26 Chlordane-4

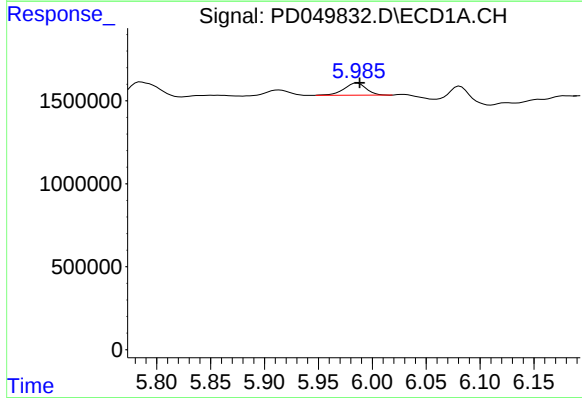
R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 1089263  
Conc: 5.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



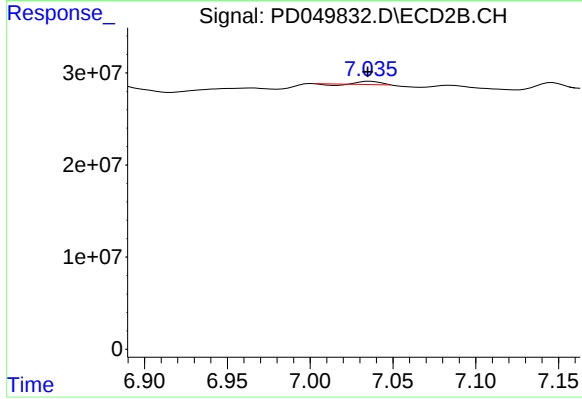
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 31907805  
Conc: 7.89 ng/ml



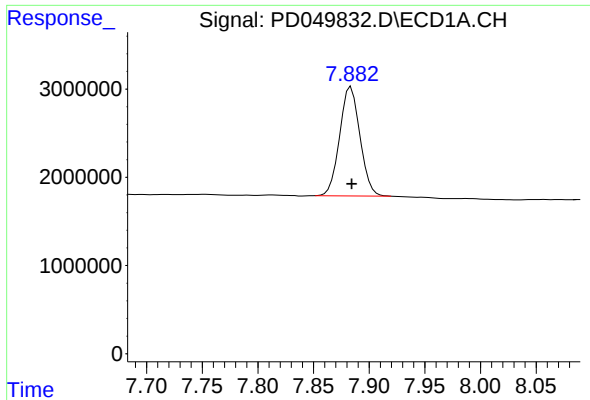
#27 Chlordane-5

R.T.: 5.986 min  
Delta R.T.: -0.002 min  
Response: 1042631  
Conc: 16.42 ng/ml



#27 Chlordane-5

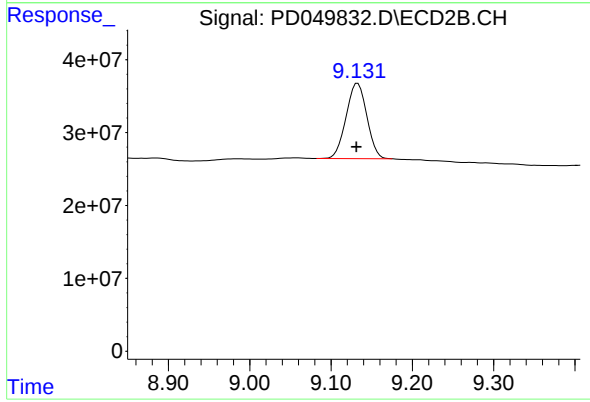
R.T.: 7.036 min  
Delta R.T.: 0.002 min  
Response: 1912002  
Conc: 2.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.884 min  
Delta R.T.: 0.000 min  
Response: 15704751  
Conc: 10.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.133 min  
Delta R.T.: 0.002 min  
Response: 183254197  
Conc: 9.38 ng/ml