

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121218\  
 Data File : PD050788.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Dec 2018 11:09  
 Operator : AJ\SJ  
 Sample : J6298-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 04:27:36 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... | 3.226  | 4.044  | 23733092 | 415.6E6  | 16.309 | 15.088   |
| 2)                          | SA Decachlor... | 7.830  | 9.151  | 22667624 | 290.4E6  | 15.312 | 14.344   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.658  | 4.458  | 1259971  | 107.3E6  | 0.537  | 2.527 #  |
| 3)                          | MA gamma-BHC... | 3.924  | 4.744  | 2859318  | 57766714 | 1.225  | 1.518    |
| 4)                          | MA Heptachlor   | 4.169  | 5.231  | 37253490 | 3814724  | 16.884 | 0.101 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.530  | 0        | 10185183 | N.D.   | 0.285 #  |
| 6)                          | B beta-BHC      | 4.169  | 4.911  | 37253490 | 121.2E6  | 40.748 | 7.304 #  |
| 8)                          | B Heptachlo...  | 4.908f | 5.915  | 1195153  | 36377452 | 0.562  | 1.144 #  |
| 9)                          | A Endosulfan I  | 5.190  | 6.267  | 2447816  | 48609544 | 1.215  | 1.713 #  |
| 10)                         | B gamma-Chl...  | 5.133f | 6.151  | 8009358  | 88532288 | 3.635  | 2.794    |
| 11)                         | B alpha-Chl...  | 5.133  | 6.267  | 8009358  | 48609544 | 3.676  | 1.599 #  |
| 12)                         | B 4,4'-DDE      | 5.250f | 6.418  | 963069   | 1659160  | 0.470  | 0.056 #  |
| 13)                         | MA Dieldrin     | 5.391  | 6.541  | 497897   | 9165138  | 0.225  | 0.304 #  |
| 14)                         | MA Endrin       | 5.680  | 6.740  | 1208235  | 13566888 | 0.629  | 0.563    |
| 15)                         | B Endosulfa...  | 5.902  | 6.939f | 4787565  | 71427019 | 2.512  | 2.926    |
| 16)                         | A 4,4'-DDD      | 5.801  | 6.939f | 2295421  | 71427019 | 1.339  | 3.128 #  |
| 17)                         | MA 4,4'-DDT     | 5.968f | 7.223f | 374822   | 18534352 | 0.212  | 0.898 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.639  | 0        | 6553038  | N.D.   | 0.589 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.777  | 0        | 1881454  | N.D.   | 0.081 #  |
| 24)                         | Chlordane-2     | 4.520  | 5.530  | 396230   | 10185183 | 5.034  | 8.165 #  |
| 25)                         | Chlordane-3     | 5.133  | 6.151  | 8009358  | 88532288 | 34.471 | 21.977 # |
| 26)                         | Chlordane-4     | 5.133  | 6.267  | 8009358  | 48609544 | 35.975 | 10.619 # |
| 27)                         | Chlordane-5     | 5.968  | 7.110  | 374822   | -2977546 | 4.932  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

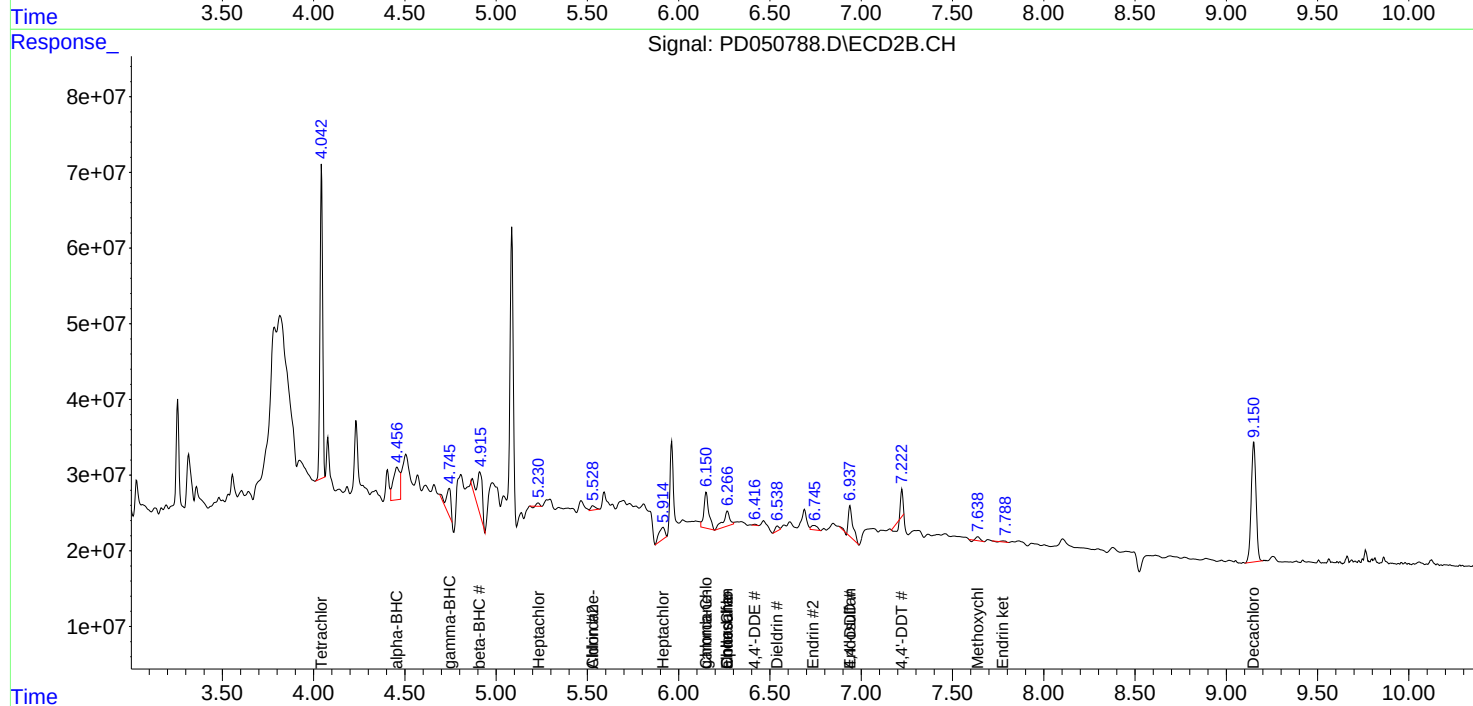
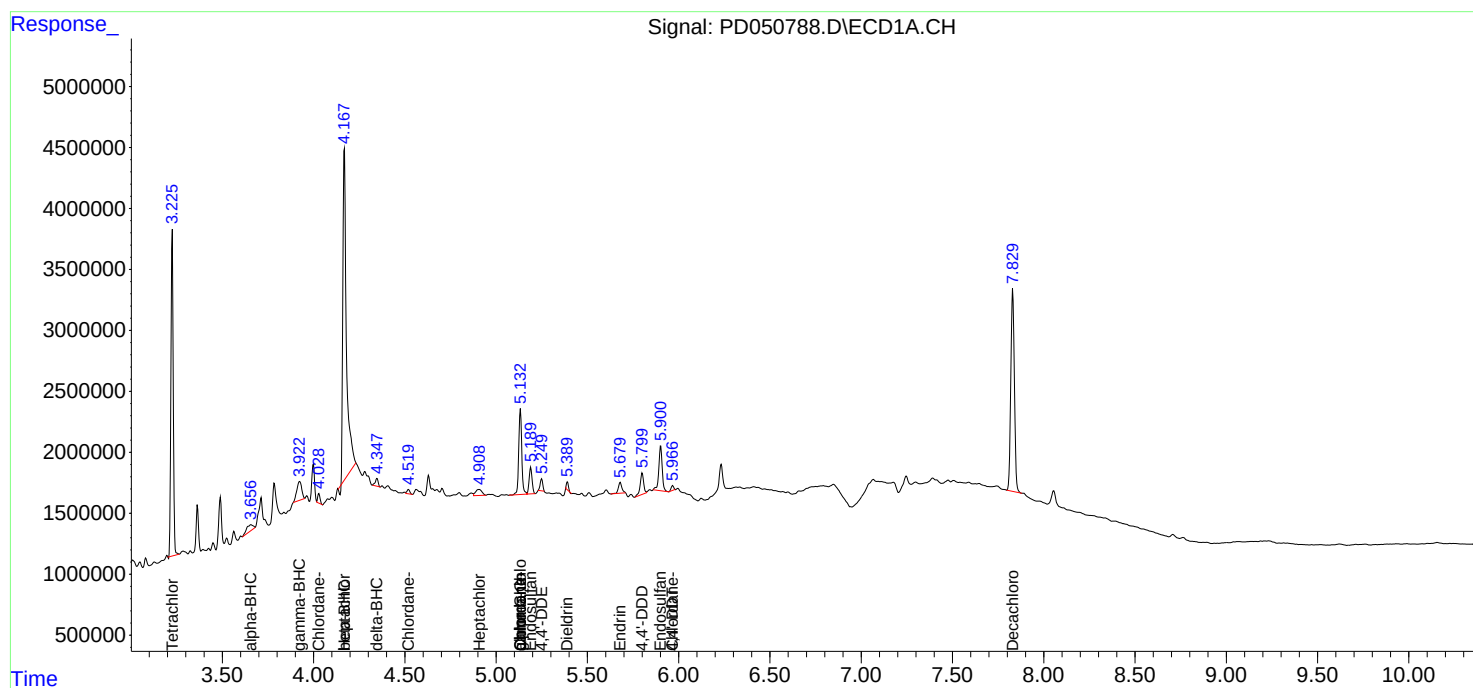
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

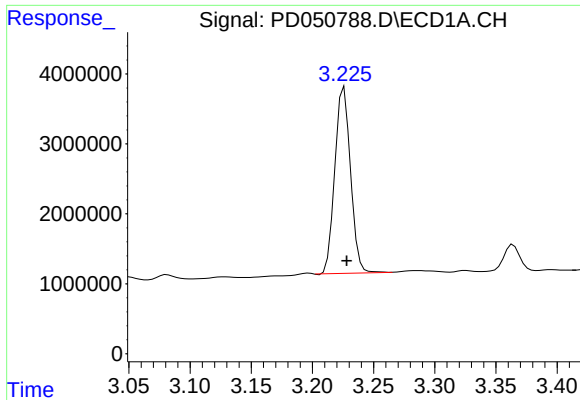
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121218\  
Data File : PD050788.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Dec 2018 11:09  
Operator : AJ\SJ  
Sample : J6298-02  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 04:27:36 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

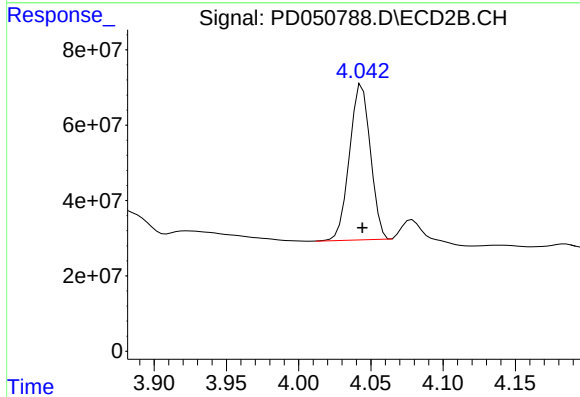




#1 Tetrachloro-m-xylene

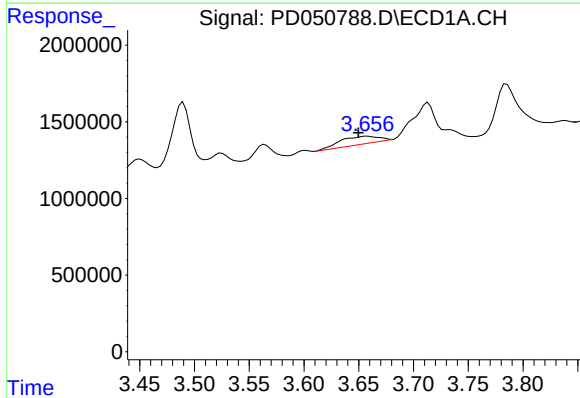
R.T.: 3.226 min  
Delta R.T.: -0.002 min  
Response: 23733092  
Conc: 16.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



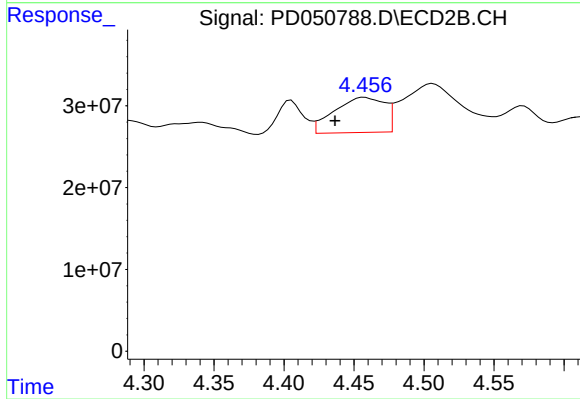
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 415575949  
Conc: 15.09 ng/ml



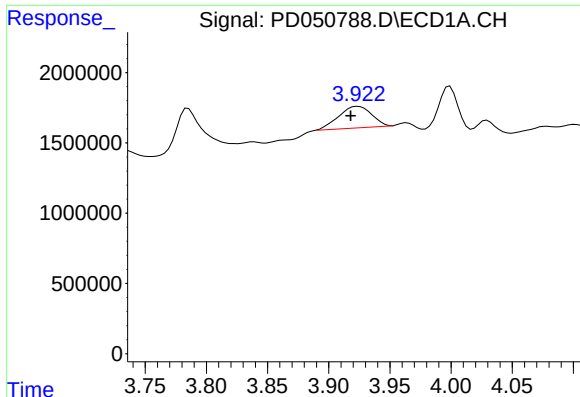
#2 alpha-BHC

R.T.: 3.658 min  
Delta R.T.: 0.008 min  
Response: 1259971  
Conc: 0.54 ng/ml



#2 alpha-BHC

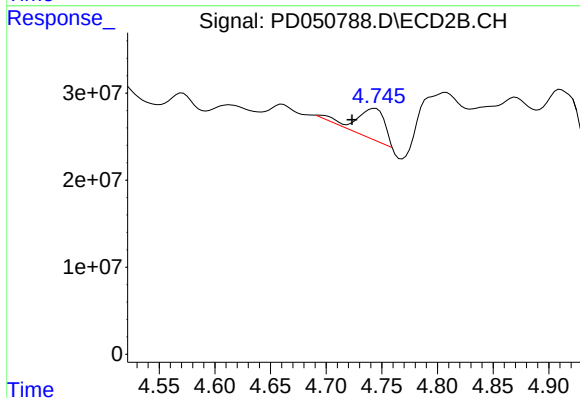
R.T.: 4.458 min  
Delta R.T.: 0.021 min  
Response: 107255652  
Conc: 2.53 ng/ml



#3 gamma-BHC (Lindane)

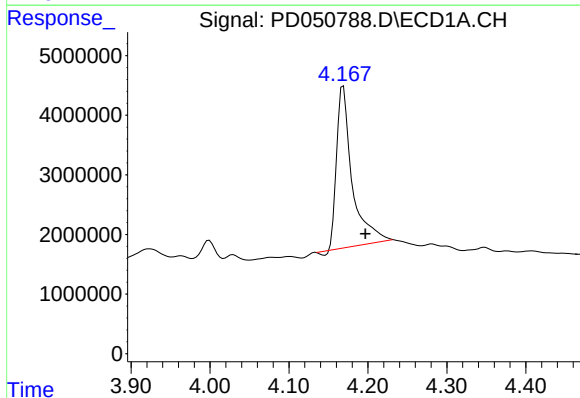
R.T.: 3.924 min  
Delta R.T.: 0.006 min  
Response: 2859318  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



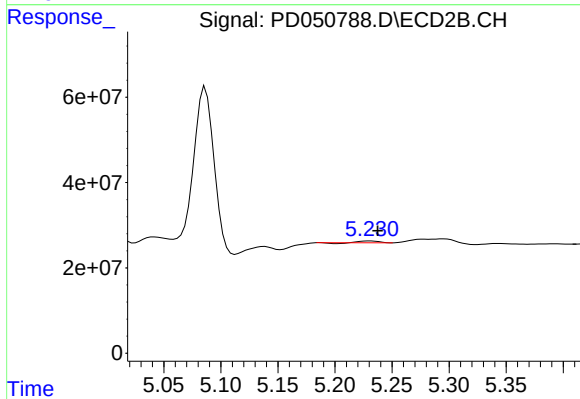
#3 gamma-BHC (Lindane)

R.T.: 4.744 min  
Delta R.T.: 0.020 min  
Response: 57766714  
Conc: 1.52 ng/ml



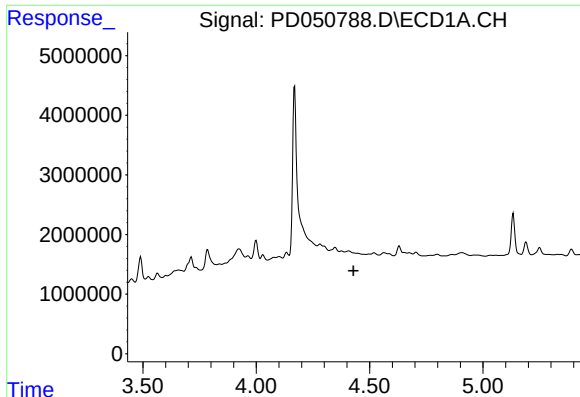
#4 Heptachlor

R.T.: 4.169 min  
Delta R.T.: -0.028 min  
Response: 37253490  
Conc: 16.88 ng/ml



#4 Heptachlor

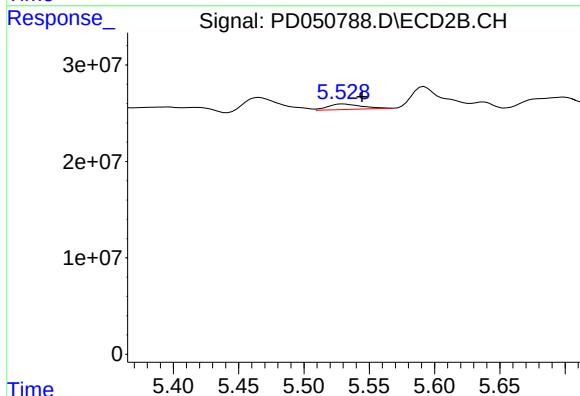
R.T.: 5.231 min  
Delta R.T.: -0.006 min  
Response: 3814724  
Conc: 0.10 ng/ml



#5 Aldrin

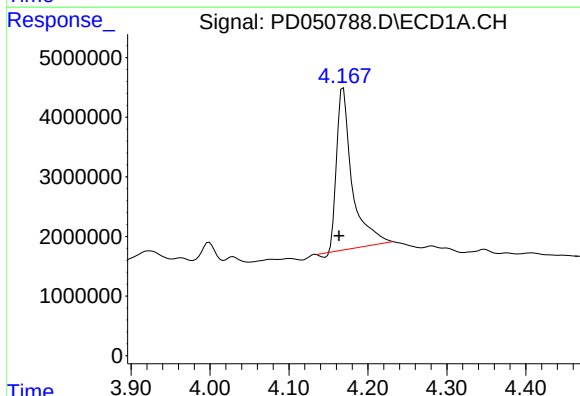
R.T.: 0.000 min  
Exp R.T.: 4.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



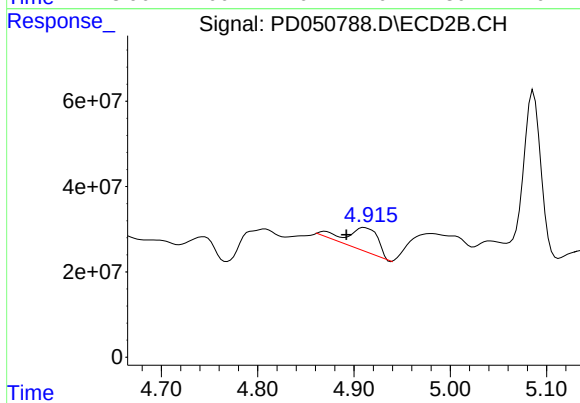
#5 Aldrin

R.T.: 5.530 min  
Delta R.T.: -0.015 min  
Response: 10185183  
Conc: 0.28 ng/ml



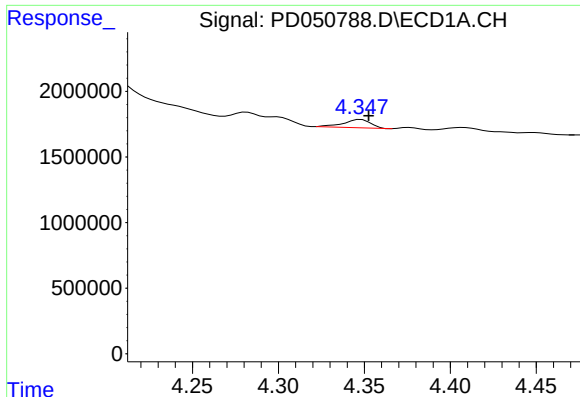
#6 beta-BHC

R.T.: 4.169 min  
Delta R.T.: 0.006 min  
Response: 37253490  
Conc: 40.75 ng/ml



#6 beta-BHC

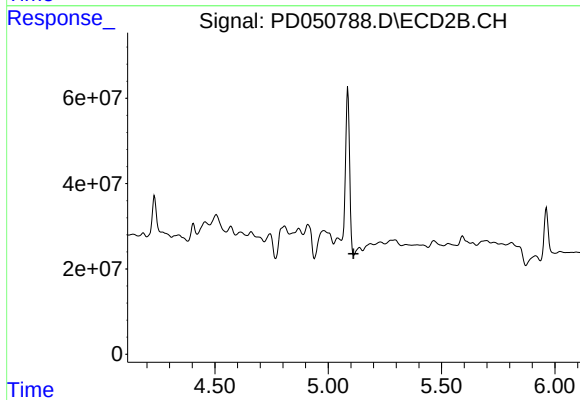
R.T.: 4.911 min  
Delta R.T.: 0.019 min  
Response: 121183093  
Conc: 7.30 ng/ml



#7 delta-BHC

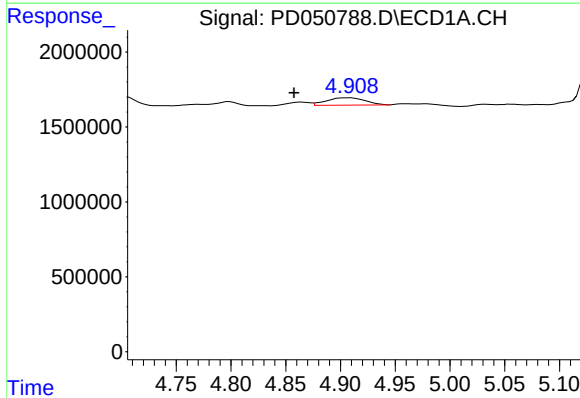
R.T.: 4.348 min  
Delta R.T.: -0.004 min  
Response: 707694  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



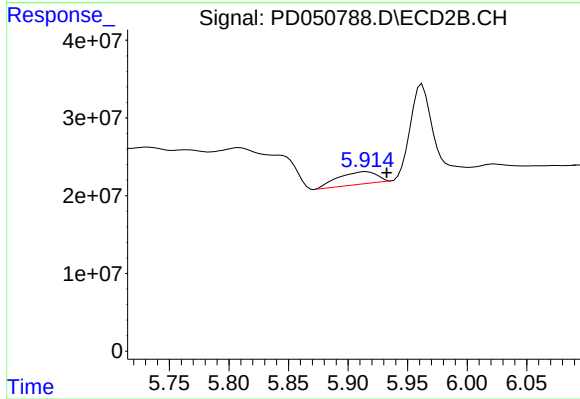
#7 delta-BHC

R.T.: 5.138 min  
Delta R.T.: 0.027 min  
Response: -400804009  
Conc: N.D.



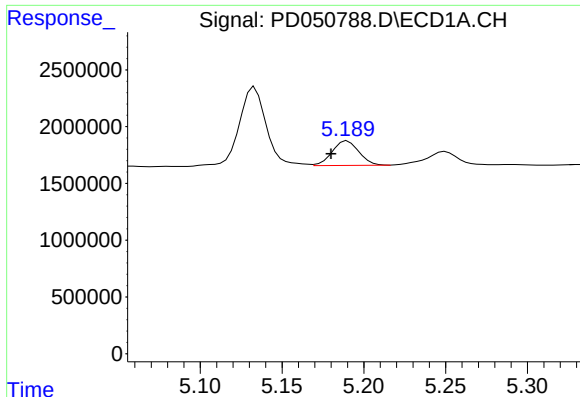
#8 Heptachlor epoxide

R.T.: 4.908 min  
Delta R.T.: 0.051 min  
Response: 1195153  
Conc: 0.56 ng/ml



#8 Heptachlor epoxide

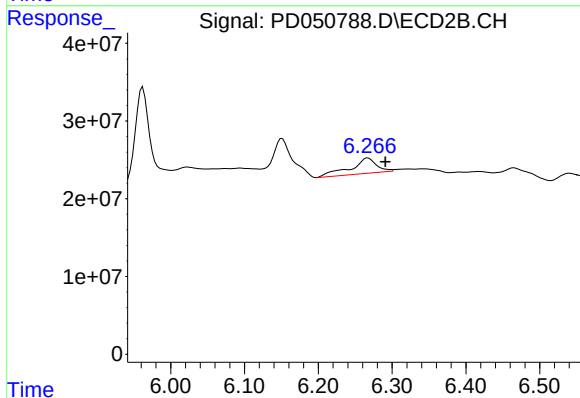
R.T.: 5.915 min  
Delta R.T.: -0.017 min  
Response: 36377452  
Conc: 1.14 ng/ml



#9 Endosulfan I

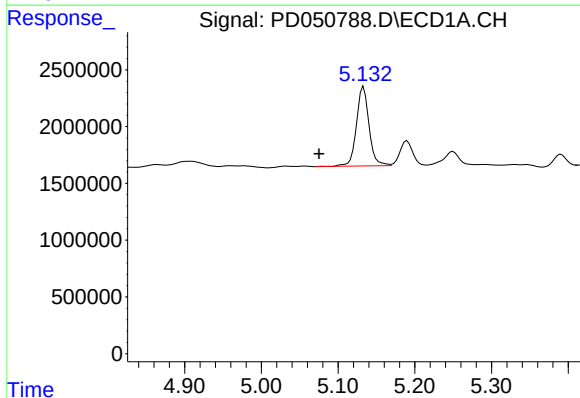
R.T.: 5.190 min  
Delta R.T.: 0.010 min  
Response: 2447816  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



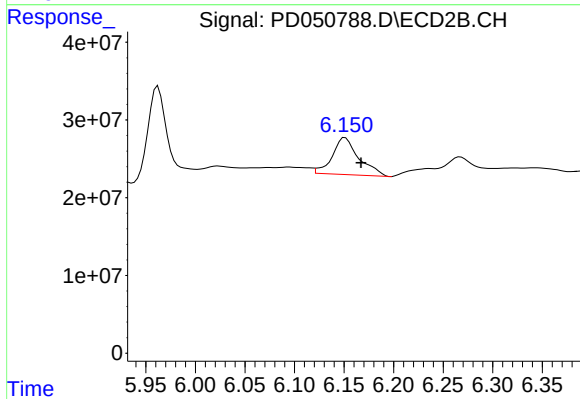
#9 Endosulfan I

R.T.: 6.267 min  
Delta R.T.: -0.024 min  
Response: 48609544  
Conc: 1.71 ng/ml



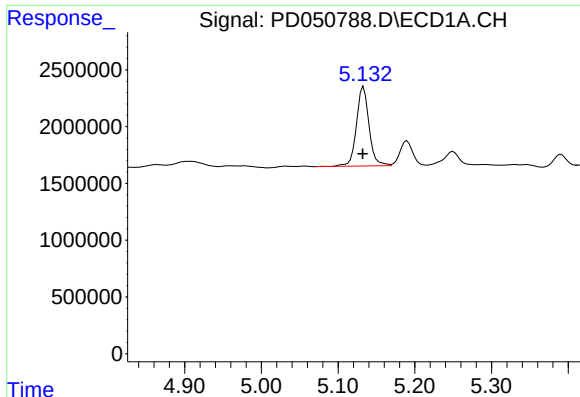
#10 gamma-Chlordane

R.T.: 5.133 min  
Delta R.T.: 0.058 min  
Response: 8009358  
Conc: 3.63 ng/ml



#10 gamma-Chlordane

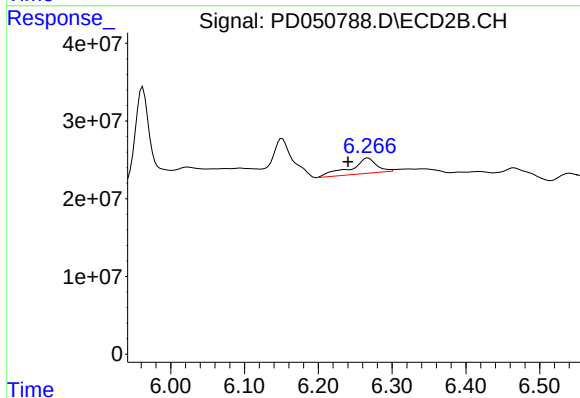
R.T.: 6.151 min  
Delta R.T.: -0.016 min  
Response: 88532288  
Conc: 2.79 ng/ml



#11 alpha-Chlordane

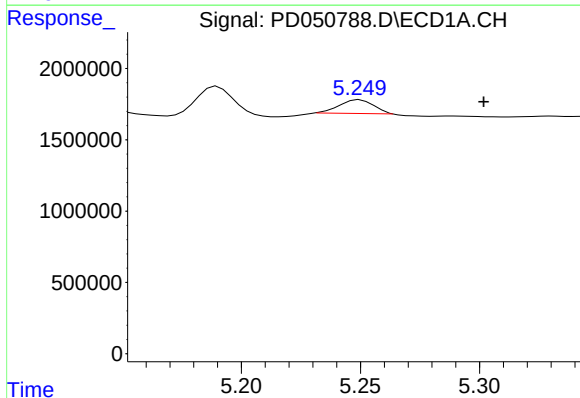
R.T.: 5.133 min  
Delta R.T.: 0.001 min  
Response: 8009358  
Conc: 3.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



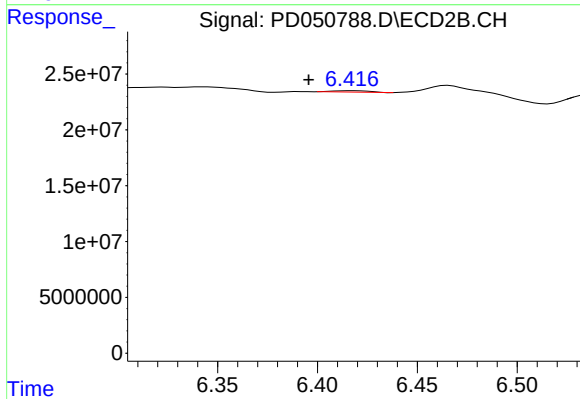
#11 alpha-Chlordane

R.T.: 6.267 min  
Delta R.T.: 0.027 min  
Response: 48609544  
Conc: 1.60 ng/ml



#12 4,4'-DDE

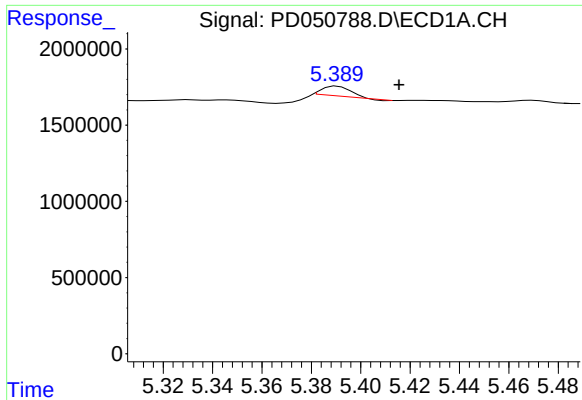
R.T.: 5.250 min  
Delta R.T.: -0.052 min  
Response: 963069  
Conc: 0.47 ng/ml



#12 4,4'-DDE

R.T.: 6.418 min  
Delta R.T.: 0.022 min  
Response: 1659160  
Conc: 0.06 ng/ml

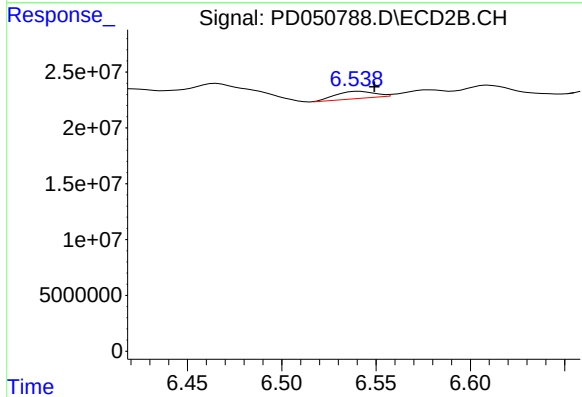




#13 Dieldrin

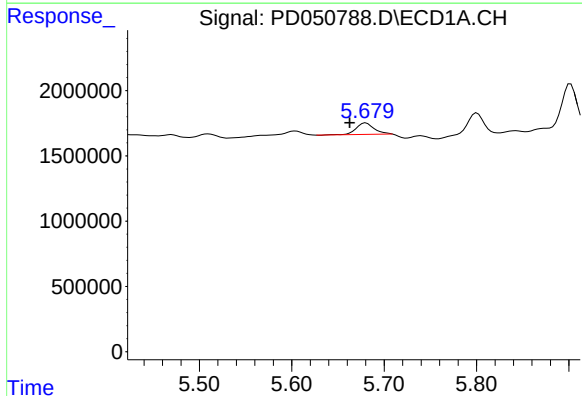
R.T.: 5.391 min  
Delta R.T.: -0.025 min  
Response: 497897  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



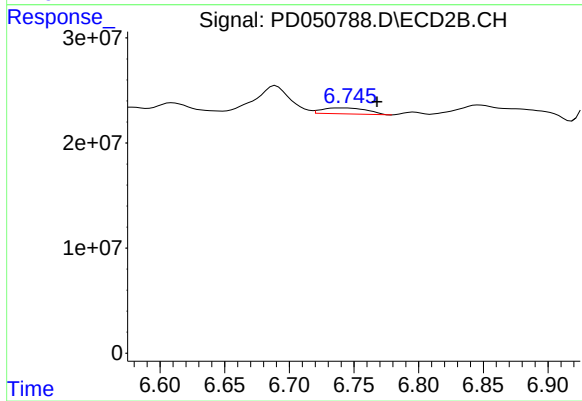
#13 Dieldrin

R.T.: 6.541 min  
Delta R.T.: -0.008 min  
Response: 9165138  
Conc: 0.30 ng/ml



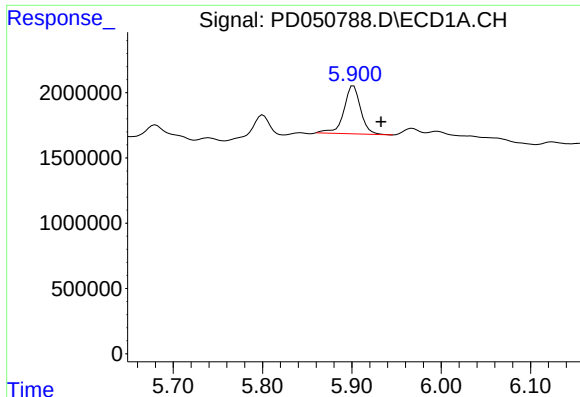
#14 Endrin

R.T.: 5.680 min  
Delta R.T.: 0.017 min  
Response: 1208235  
Conc: 0.63 ng/ml



#14 Endrin

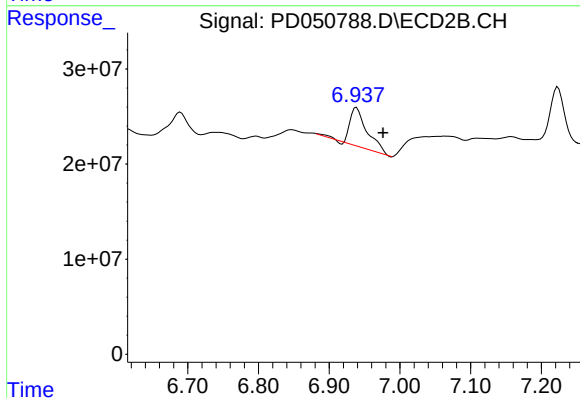
R.T.: 6.740 min  
Delta R.T.: -0.028 min  
Response: 13566888  
Conc: 0.56 ng/ml



#15 Endosulfan II

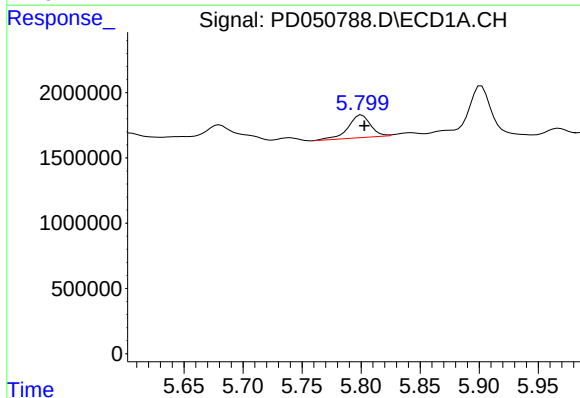
R.T.: 5.902 min  
Delta R.T.: -0.031 min  
Response: 4787565  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



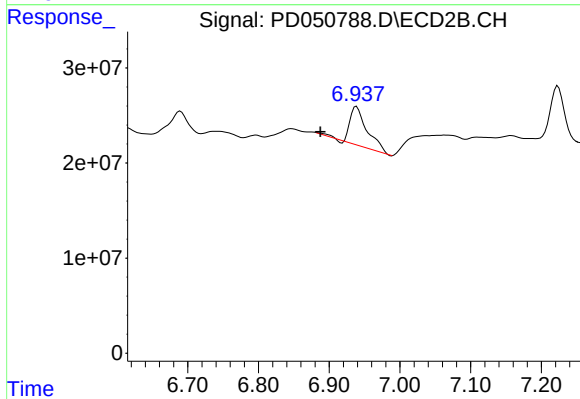
#15 Endosulfan II

R.T.: 6.939 min  
Delta R.T.: -0.038 min  
Response: 71427019  
Conc: 2.93 ng/ml



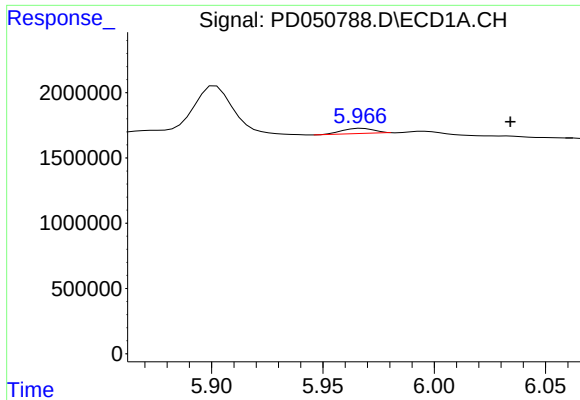
#16 4,4'-DDD

R.T.: 5.801 min  
Delta R.T.: -0.002 min  
Response: 2295421  
Conc: 1.34 ng/ml



#16 4,4'-DDD

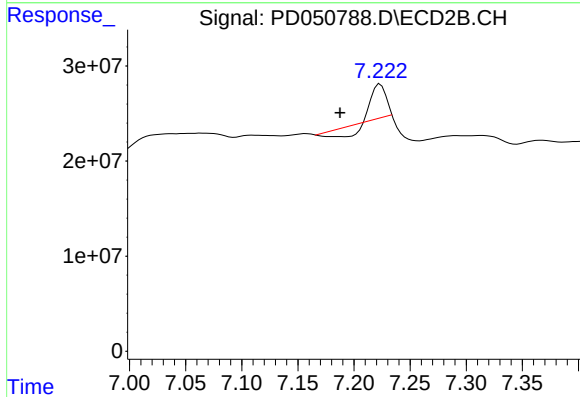
R.T.: 6.939 min  
Delta R.T.: 0.051 min  
Response: 71427019  
Conc: 3.13 ng/ml



#17 4,4'-DDT

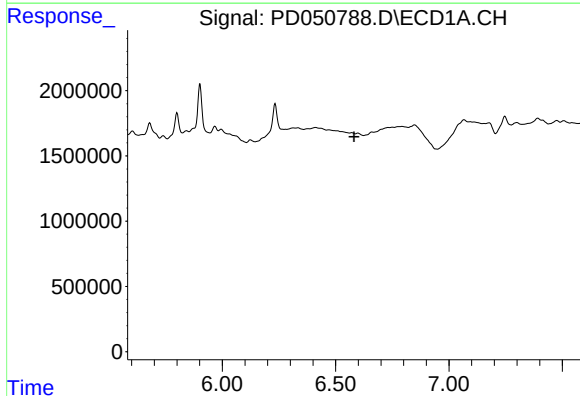
R.T.: 5.968 min  
Delta R.T.: -0.067 min  
Response: 374822  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



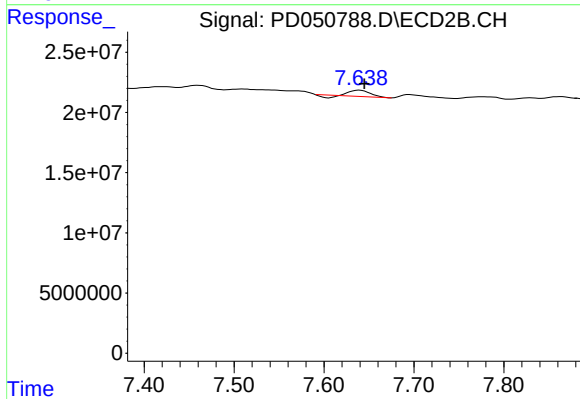
#17 4,4'-DDT

R.T.: 7.223 min  
Delta R.T.: 0.036 min  
Response: 18534352  
Conc: 0.90 ng/ml



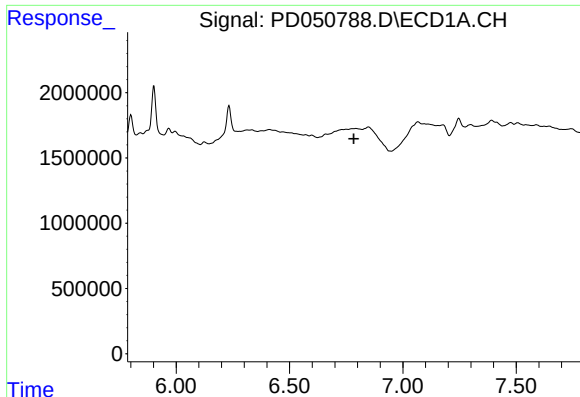
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.582 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

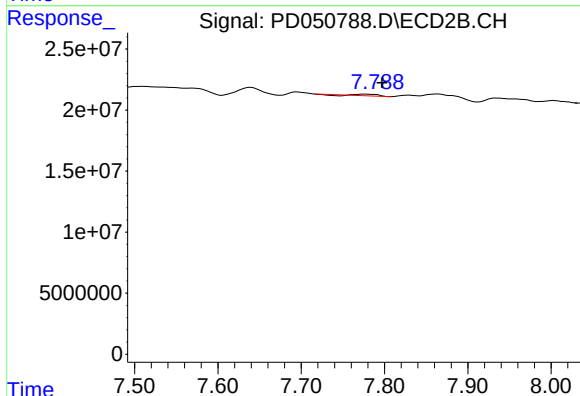
R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 6553038  
Conc: 0.59 ng/ml



#21 Endrin ketone

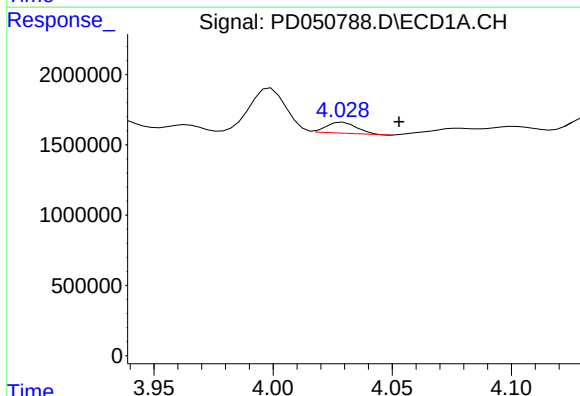
R.T.: 0.000 min  
Exp R.T.: 6.783 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



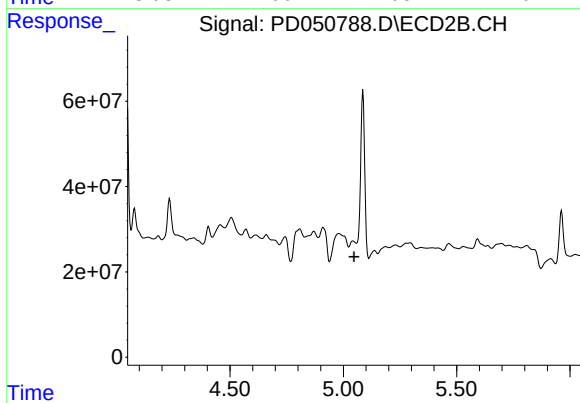
#21 Endrin ketone

R.T.: 7.777 min  
Delta R.T.: -0.020 min  
Response: 1881454  
Conc: 0.08 ng/ml



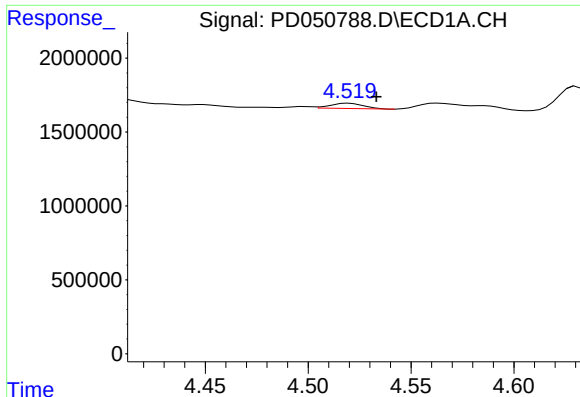
#23 Chlordane-1

R.T.: 4.029 min  
Delta R.T.: -0.023 min  
Response: 681677  
Conc: 10.12 ng/ml



#23 Chlordane-1

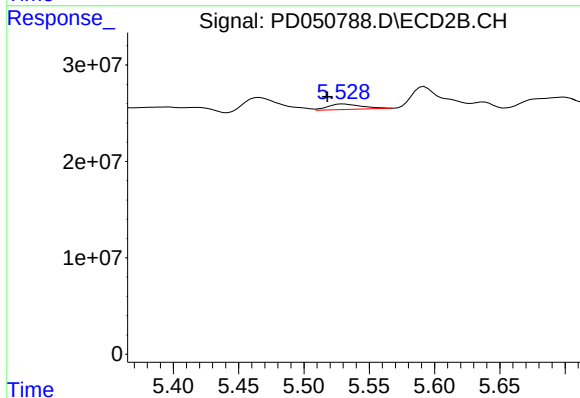
R.T.: 5.042 min  
Delta R.T.: -0.005 min  
Response: -15356994  
Conc: N.D.



#24 Chlordane-2

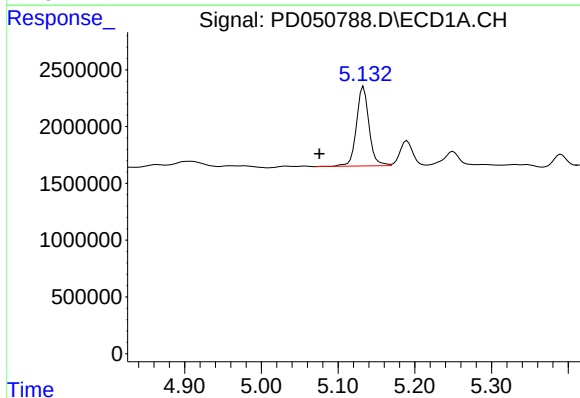
R.T.: 4.520 min  
Delta R.T.: -0.013 min  
Response: 396230  
Conc: 5.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



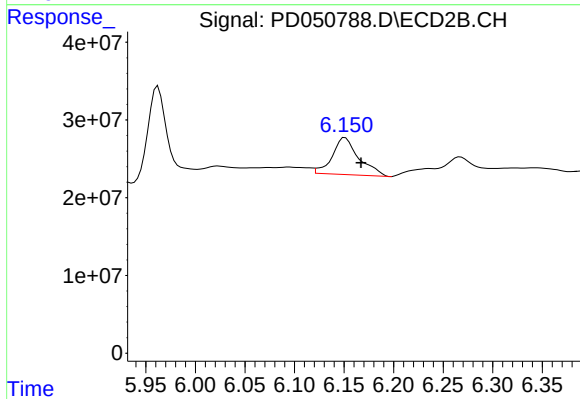
#24 Chlordane-2

R.T.: 5.530 min  
Delta R.T.: 0.012 min  
Response: 10185183  
Conc: 8.16 ng/ml



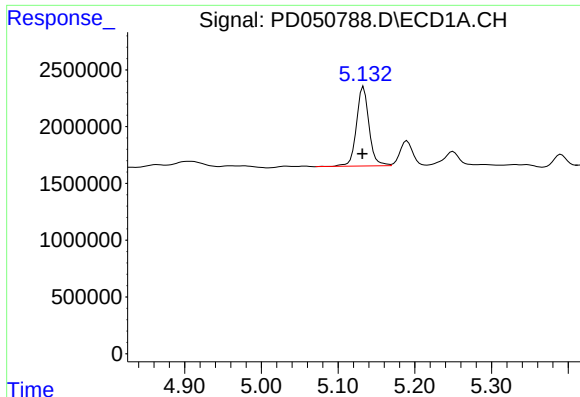
#25 Chlordane-3

R.T.: 5.133 min  
Delta R.T.: 0.058 min  
Response: 8009358  
Conc: 34.47 ng/ml



#25 Chlordane-3

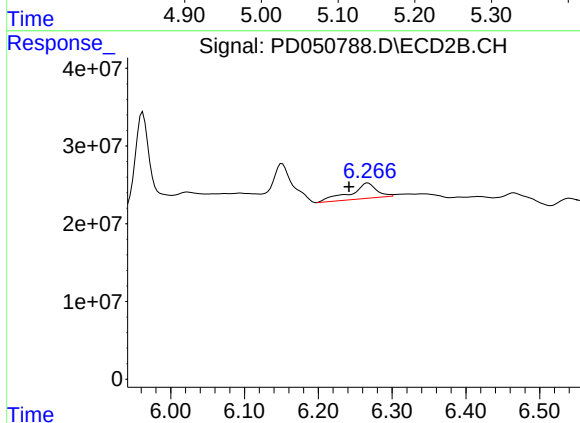
R.T.: 6.151 min  
Delta R.T.: -0.016 min  
Response: 88532288  
Conc: 21.98 ng/ml



#26 Chlordane-4

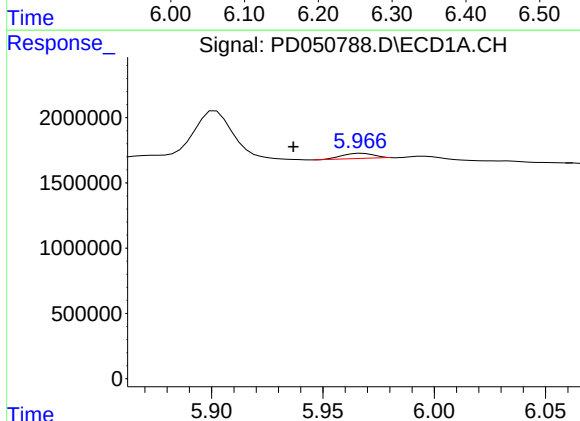
R.T.: 5.133 min  
Delta R.T.: 0.002 min  
Response: 8009358  
Conc: 35.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



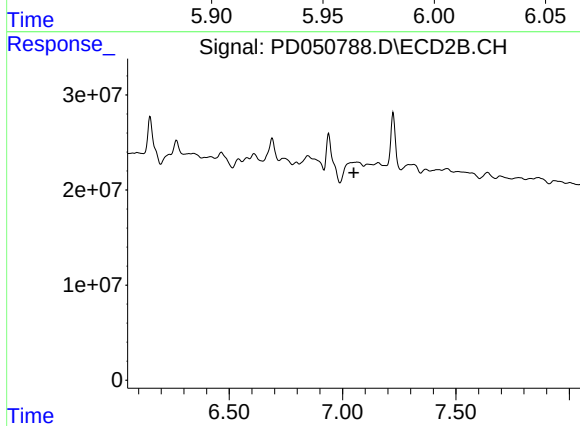
#26 Chlordane-4

R.T.: 6.267 min  
Delta R.T.: 0.026 min  
Response: 48609544  
Conc: 10.62 ng/ml



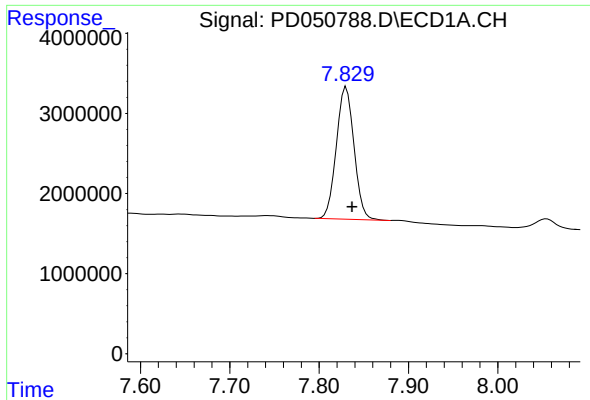
#27 Chlordane-5

R.T.: 5.968 min  
Delta R.T.: 0.031 min  
Response: 374822  
Conc: 4.93 ng/ml



#27 Chlordane-5

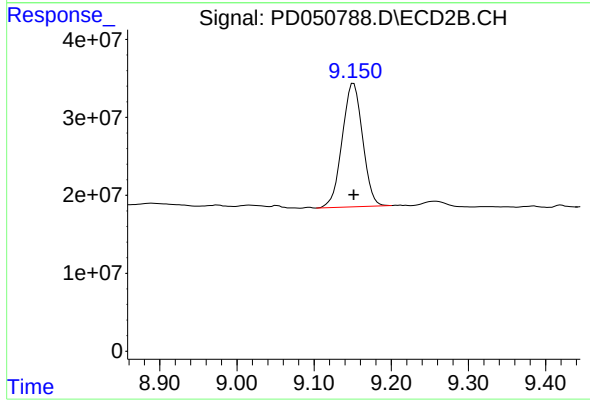
R.T.: 7.110 min  
Delta R.T.: 0.061 min  
Response: -2977546  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.830 min  
Delta R.T.: -0.006 min  
Response: 22667624  
Conc: 15.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.151 min  
Delta R.T.: 0.000 min  
Response: 290354347  
Conc: 14.34 ng/ml