

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100818\  
 Data File : PD049682.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Oct 2018 00:04  
 Operator : AJ\SJ  
 Sample : MDL CHLOR  
 Misc : ECD\_D MDL CHLOR 50 PPB WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 05:07:57 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100818.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 09 04:09:34 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... | 3.283  | 4.035  | 22712944 | 290.3E6  | 19.157 | 20.904  |
| 28)                         | SA Decachlor... | 7.876  | 9.126  | 23805461 | 280.2E6  | 20.459 | 22.178  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 4.491f | 0        | 23364259 | N.D.   | 1.118 # |
| 4)                          | MA Heptachlor   | 4.252  | 5.224  | 2733625  | 41290785 | 1.599  | 2.204 # |
| 5)                          | MB Aldrin       | 0.000  | 5.504  | 0        | 5549141  | N.D.   | 0.315 # |
| 6)                          | B beta-BHC      | 4.252  | 4.925f | 2733625  | 12852993 | 3.912  | 1.635 # |
| 7)                          | B delta-BHC     | 0.000  | 5.036f | 0        | 27570274 | N.D.   | 1.463 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.902  | 0        | 17794018 | N.D.   | 1.097 # |
| 9)                          | A Endosulfan I  | 5.182f | 6.226f | 6529655  | 122.4E6  | 4.667  | 8.210 # |
| 10)                         | B gamma-Chl...  | 5.126  | 6.152  | 6320031  | 86117850 | 4.110  | 5.220 # |
| 11)                         | B alpha-Chl...  | 5.182  | 6.226  | 6529655  | 122.4E6  | 4.288  | 7.712 # |
| 14)                         | MA Endrin       | 0.000  | 6.686f | 0        | 4754293  | N.D.   | 0.377 # |
| 15)                         | B Endosulfa...  | 5.983  | 6.969  | 2031304  | 1699983  | 1.525  | 0.126 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.889  | 0        | 4355783  | N.D.   | 0.350 # |
| 18)                         | B Endrin al...  | 0.000  | 7.033f | 0        | 19662928 | N.D.   | 1.761 # |
| 19)                         | B Endosulfa...  | 6.290f | 7.346f | 3438091  | 12687621 | 2.858  | 0.952 # |
| 23)                         | Chlordane-1     | 4.109  | 5.036  | 1918650  | 27570274 | 37.669 | 40.290  |
| 24)                         | Chlordane-2     | 4.588  | 5.504  | 2652352  | 5549141  | 47.774 | 8.494 # |
| 25)                         | Chlordane-3     | 5.126  | 6.152  | 6320031  | 86117850 | 37.660 | 38.115  |
| 26)                         | Chlordane-4     | 5.182  | 6.226  | 6529655  | 122.4E6  | 39.573 | 47.887  |
| 27)                         | Chlordane-5     | 5.983  | 7.033  | 2031304  | 19662928 | 37.895 | 39.243  |
| -----                       |                 |        |        |          |          |        |         |

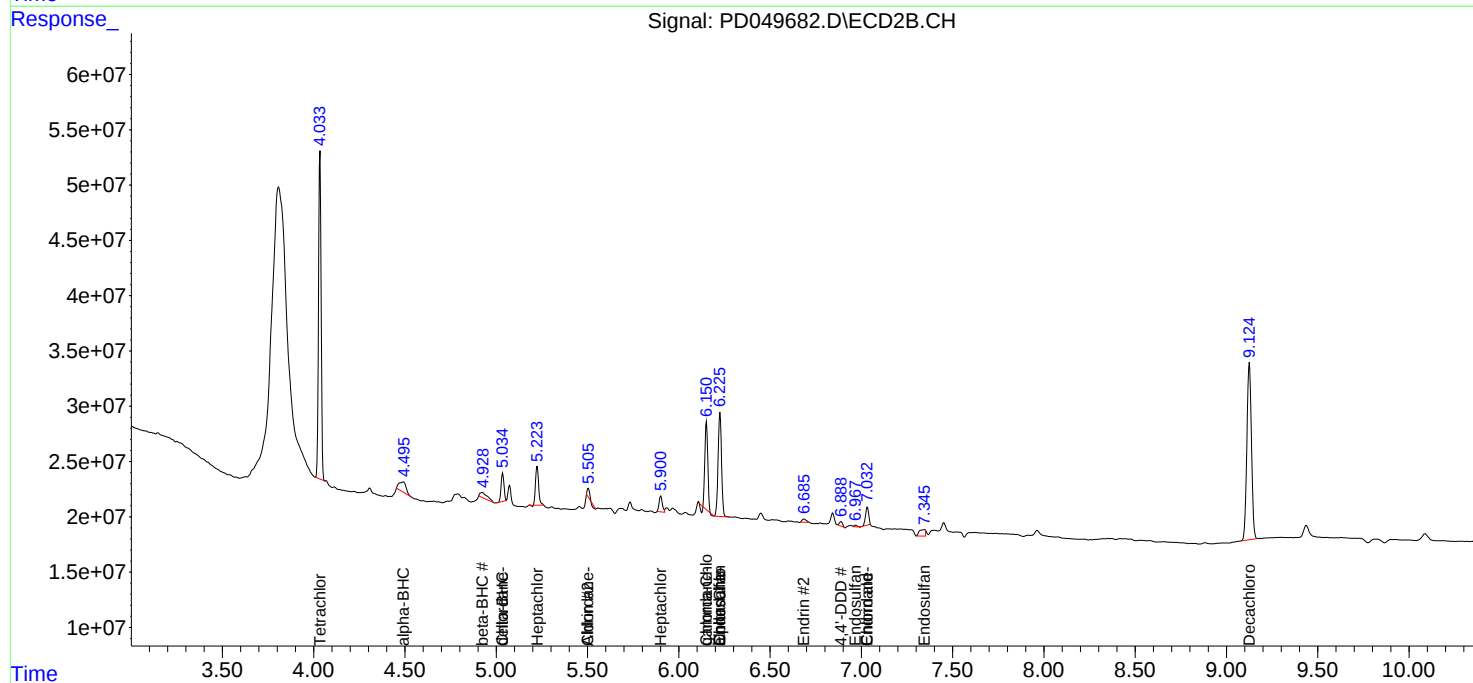
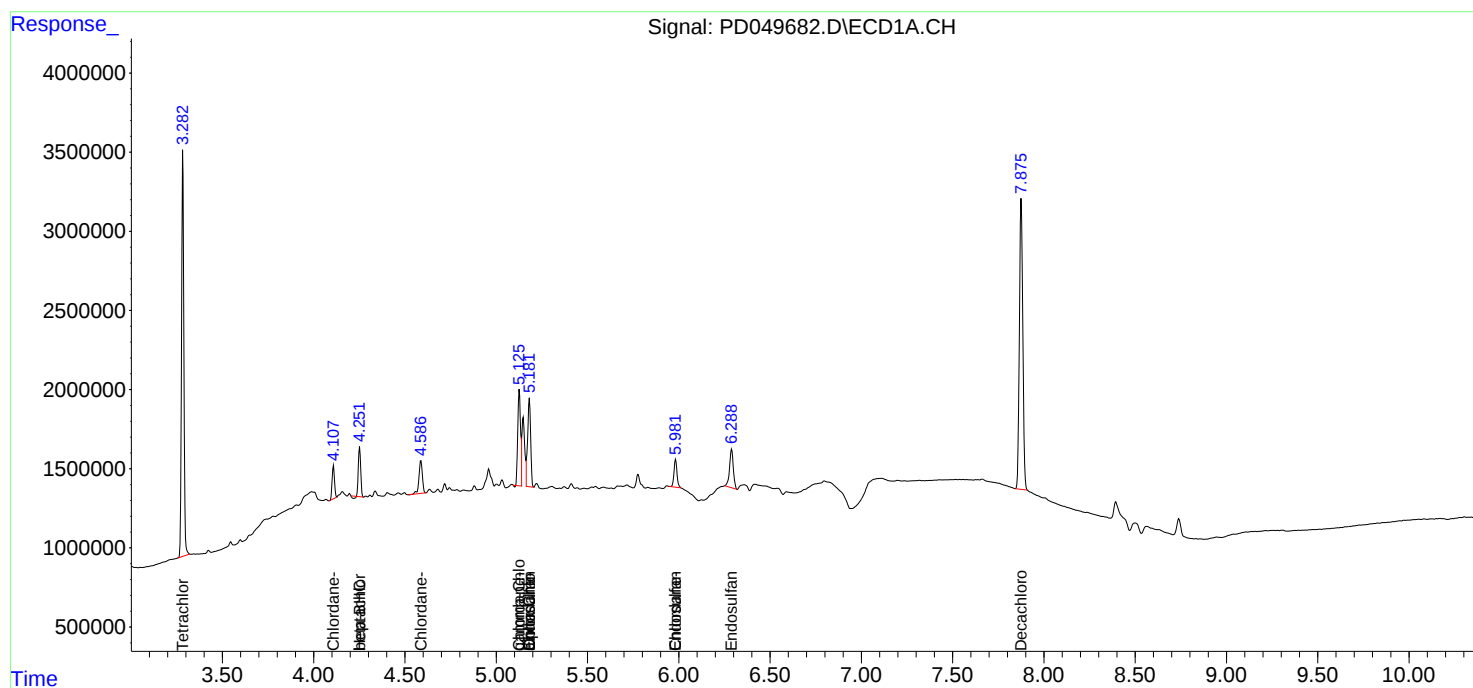
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

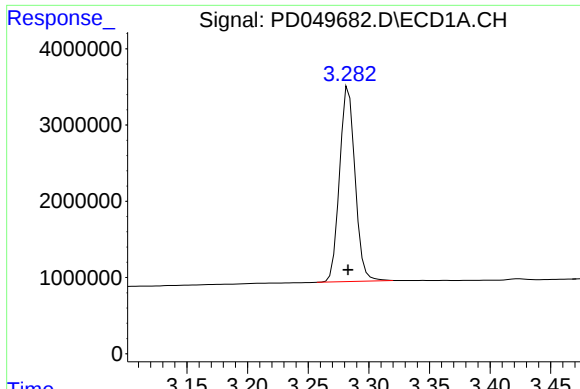
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100818\  
Data File : PD049682.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
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ECD\_D  
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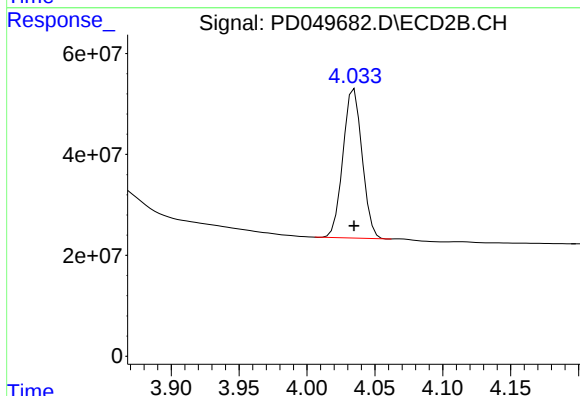




#1 Tetrachloro-m-xylene

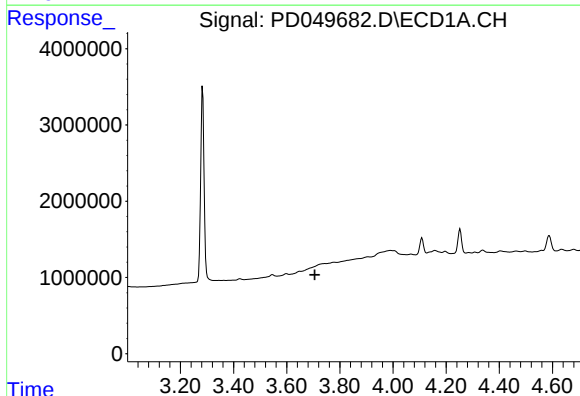
R.T.: 3.283 min  
Delta R.T.: 0.000 min  
Response: 22712944  
Conc: 19.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



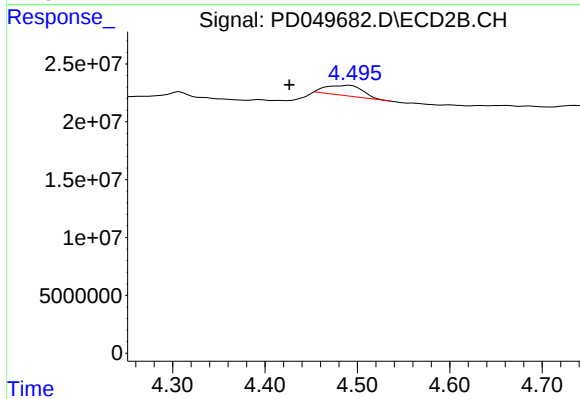
#1 Tetrachloro-m-xylene

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 290319935  
Conc: 20.90 ng/ml



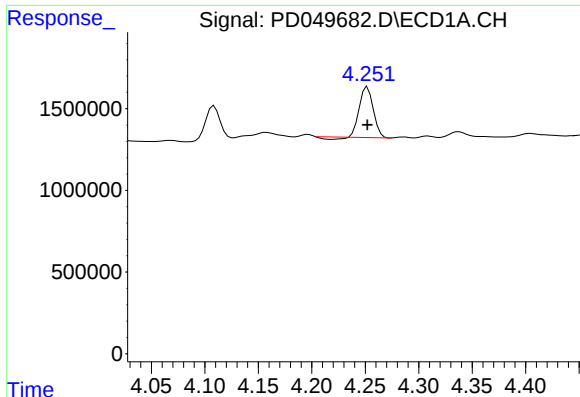
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.705 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

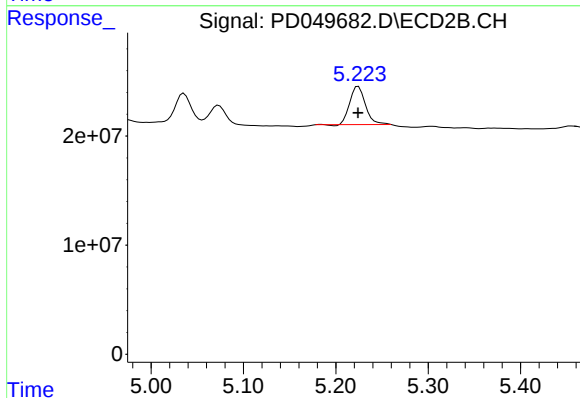
R.T.: 4.491 min  
Delta R.T.: 0.065 min  
Response: 23364259  
Conc: 1.12 ng/ml



#4 Heptachlor

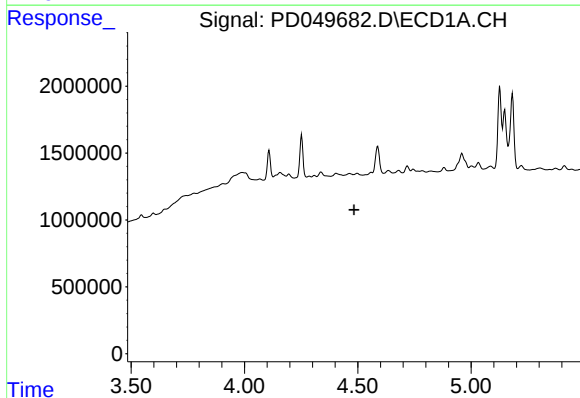
R.T.: 4.252 min  
Delta R.T.: 0.000 min  
Response: 2733625  
Conc: 1.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



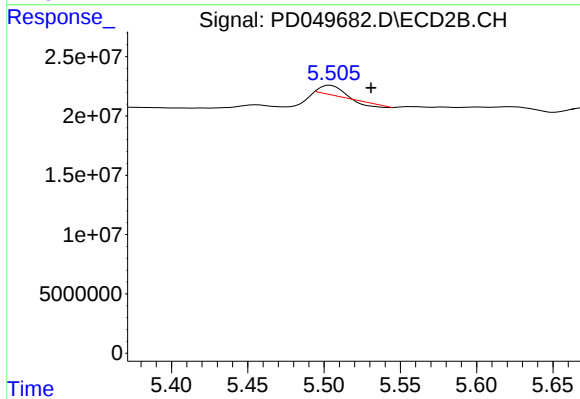
#4 Heptachlor

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 41290785  
Conc: 2.20 ng/ml



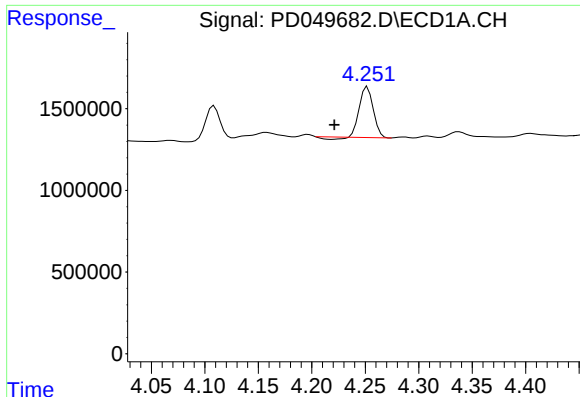
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.483 min  
Response: 0  
Conc: N.D.



#5 Aldrin

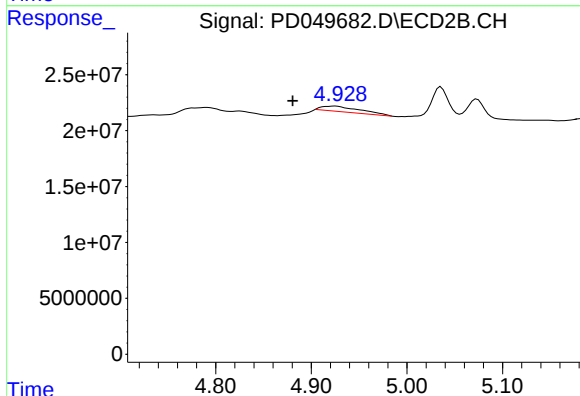
R.T.: 5.504 min  
Delta R.T.: -0.027 min  
Response: 5549141  
Conc: 0.31 ng/ml



#6 beta-BHC

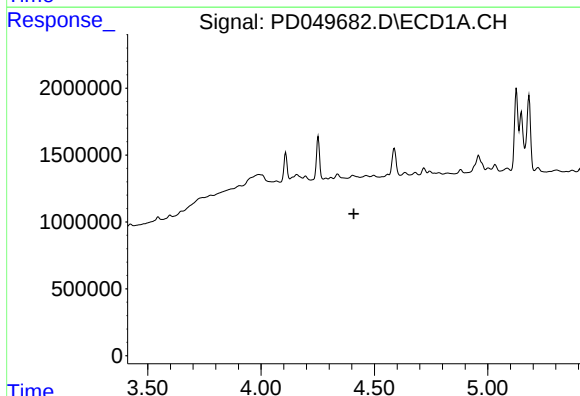
R.T.: 4.252 min  
Delta R.T.: 0.031 min  
Response: 2733625  
Conc: 3.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



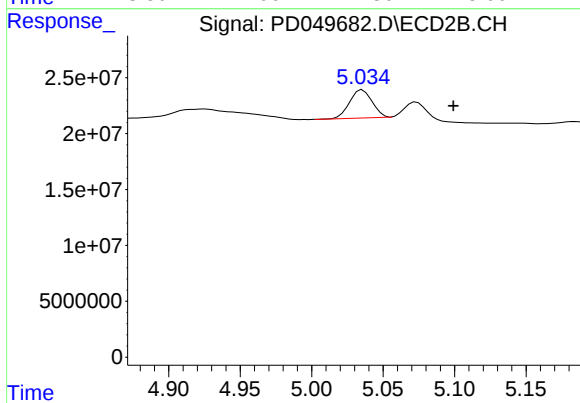
#6 beta-BHC

R.T.: 4.925 min  
Delta R.T.: 0.045 min  
Response: 12852993  
Conc: 1.63 ng/ml



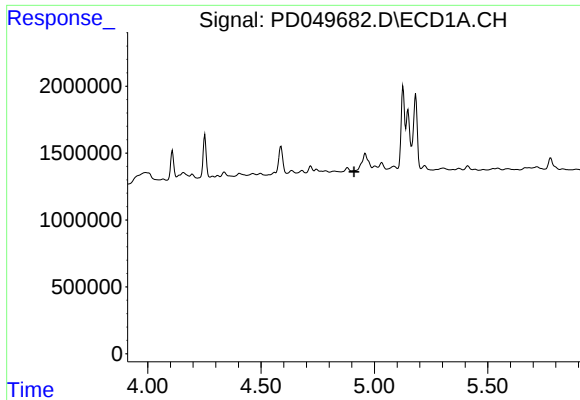
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.409 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

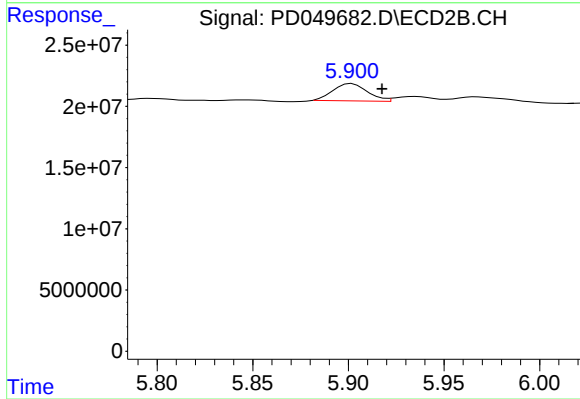
R.T.: 5.036 min  
Delta R.T.: -0.064 min  
Response: 27570274  
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

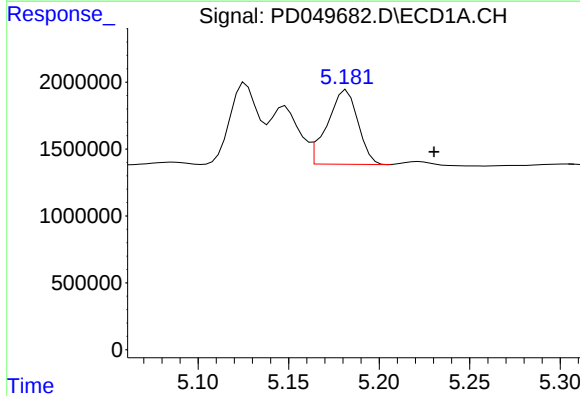
R.T.: 0.000 min  
Exp R.T.: 4.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



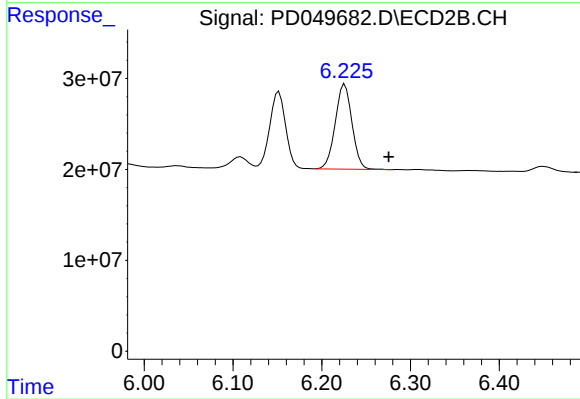
#8 Heptachlor epoxide

R.T.: 5.902 min  
Delta R.T.: -0.016 min  
Response: 17794018  
Conc: 1.10 ng/ml



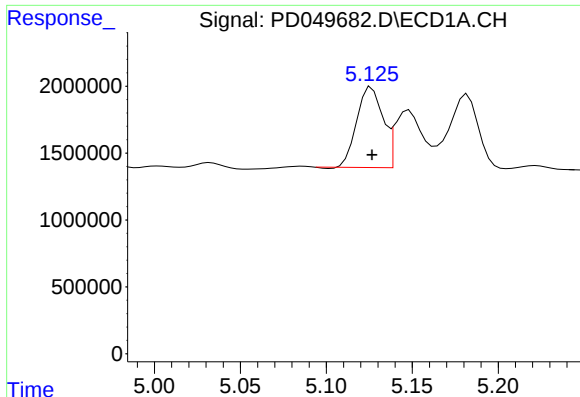
#9 Endosulfan I

R.T.: 5.182 min  
Delta R.T.: -0.048 min  
Response: 6529655  
Conc: 4.67 ng/ml



#9 Endosulfan I

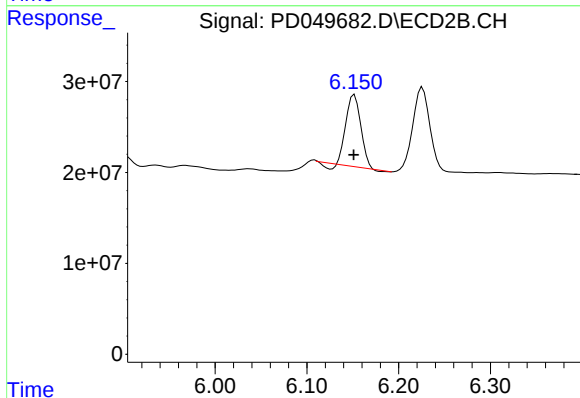
R.T.: 6.226 min  
Delta R.T.: -0.049 min  
Response: 122400171  
Conc: 8.21 ng/ml



#10 gamma-Chlordane

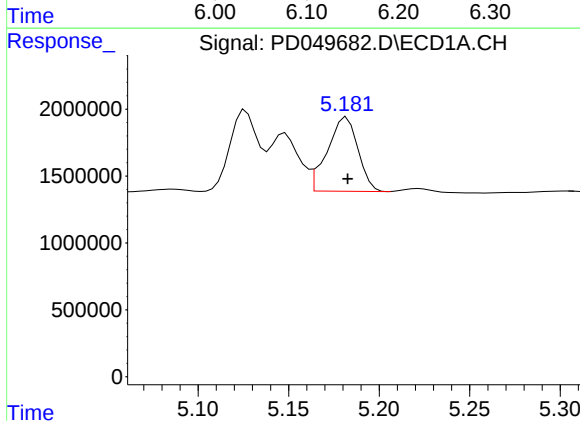
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 6320031  
Conc: 4.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



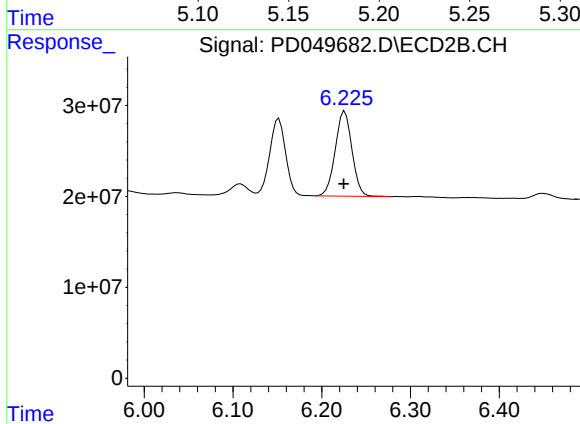
#10 gamma-Chlordane

R.T.: 6.152 min  
Delta R.T.: 0.000 min  
Response: 86117850  
Conc: 5.22 ng/ml



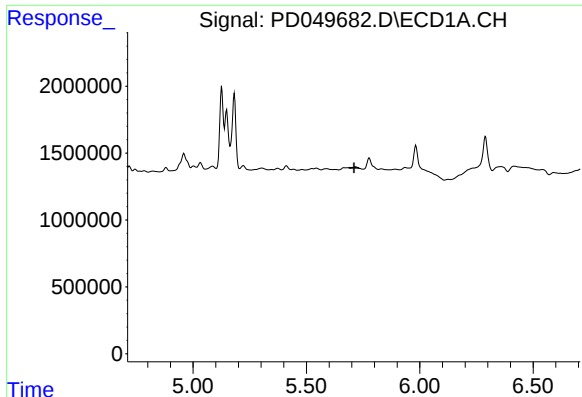
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 6529655  
Conc: 4.29 ng/ml



#11 alpha-Chlordane

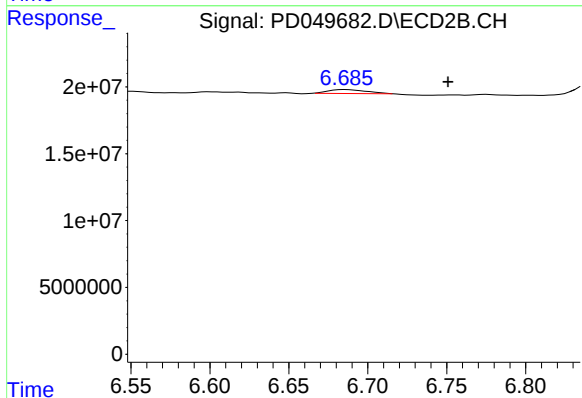
R.T.: 6.226 min  
Delta R.T.: 0.001 min  
Response: 122400171  
Conc: 7.71 ng/ml



#14 Endrin

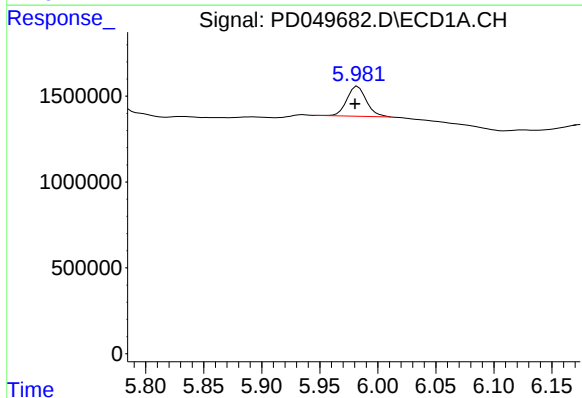
R.T.: 0.000 min  
Exp R.T.: 5.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



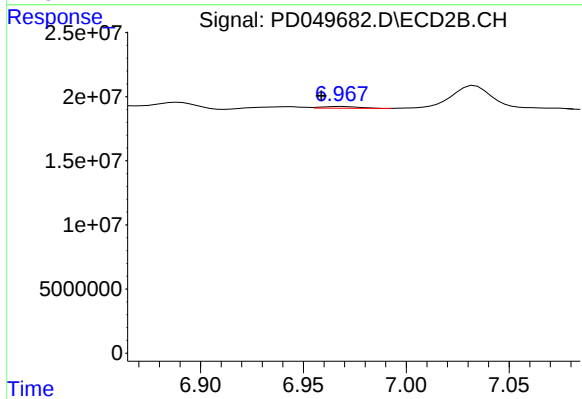
#14 Endrin

R.T.: 6.686 min  
Delta R.T.: -0.065 min  
Response: 4754293  
Conc: 0.38 ng/ml



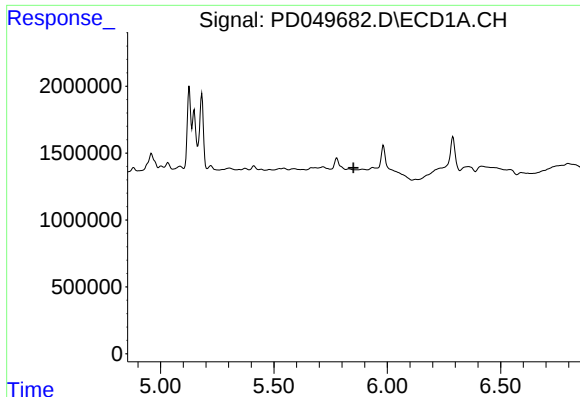
#15 Endosulfan II

R.T.: 5.983 min  
Delta R.T.: 0.002 min  
Response: 2031304  
Conc: 1.53 ng/ml



#15 Endosulfan II

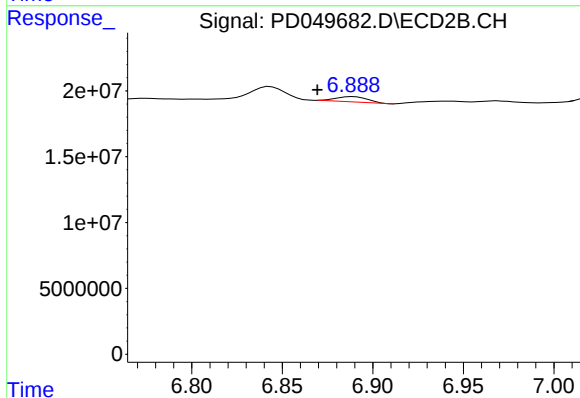
R.T.: 6.969 min  
Delta R.T.: 0.010 min  
Response: 1699983  
Conc: 0.13 ng/ml



#16 4,4'-DDD

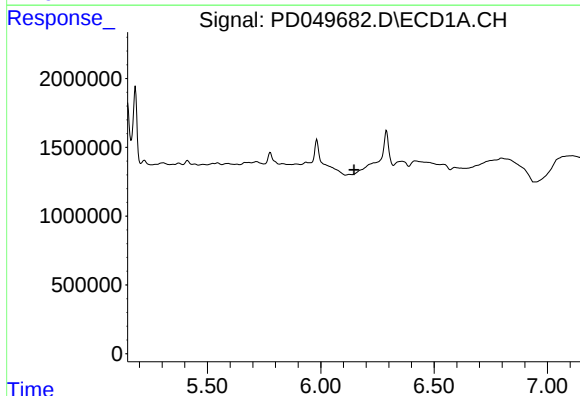
R.T.: 0.000 min  
Exp R.T.: 5.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



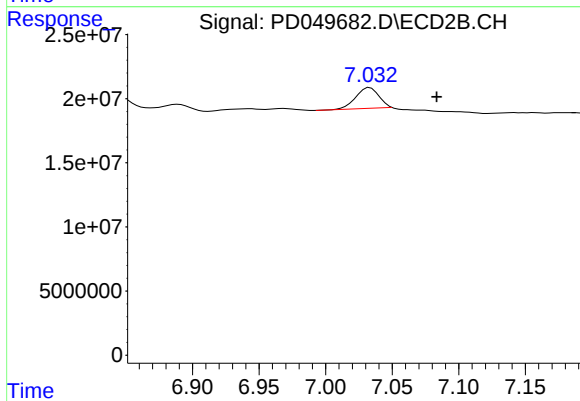
#16 4,4'-DDD

R.T.: 6.889 min  
Delta R.T.: 0.020 min  
Response: 4355783  
Conc: 0.35 ng/ml



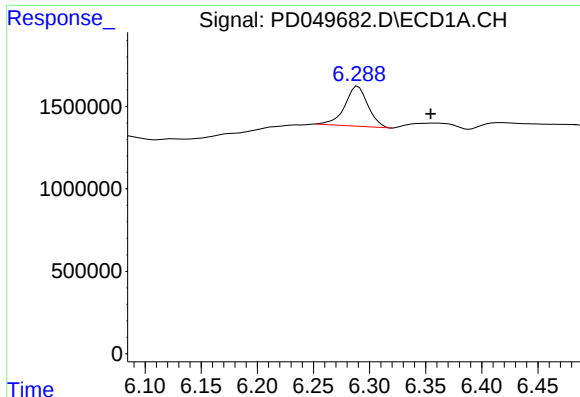
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.147 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

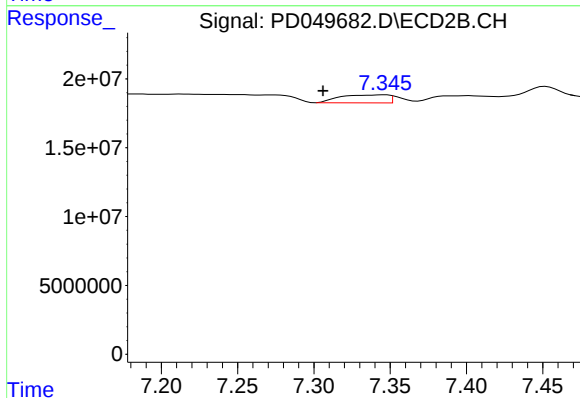
R.T.: 7.033 min  
Delta R.T.: -0.050 min  
Response: 19662928  
Conc: 1.76 ng/ml



#19 Endosulfan Sulfate

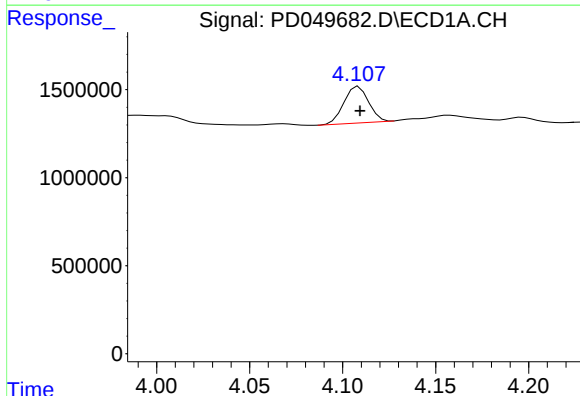
R.T.: 6.290 min  
Delta R.T.: -0.065 min  
Response: 3438091  
Conc: 2.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



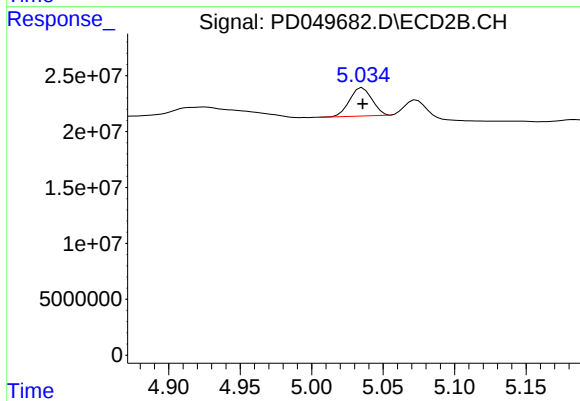
#19 Endosulfan Sulfate

R.T.: 7.346 min  
Delta R.T.: 0.040 min  
Response: 12687621  
Conc: 0.95 ng/ml



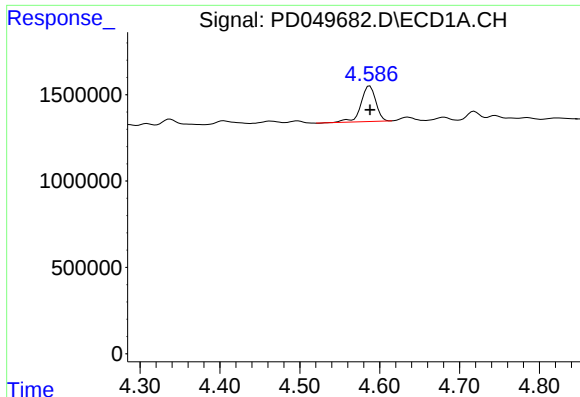
#23 Chlordane-1

R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 1918650  
Conc: 37.67 ng/ml



#23 Chlordane-1

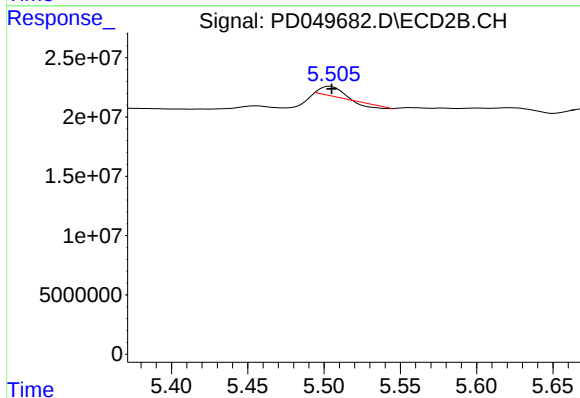
R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 27570274  
Conc: 40.29 ng/ml



#24 Chlordane-2

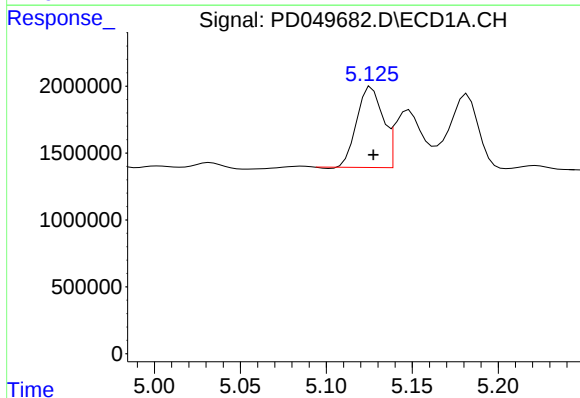
R.T.: 4.588 min  
Delta R.T.: 0.000 min  
Response: 2652352  
Conc: 47.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



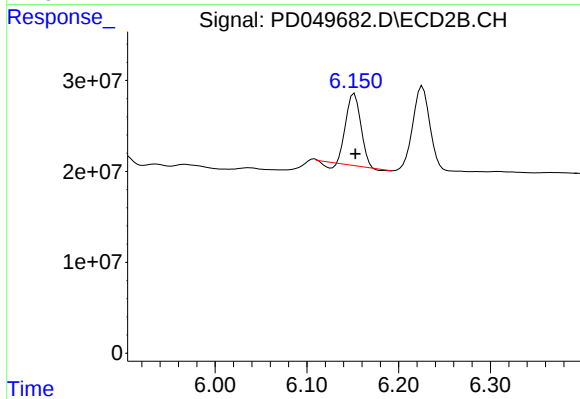
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 5549141  
Conc: 8.49 ng/ml



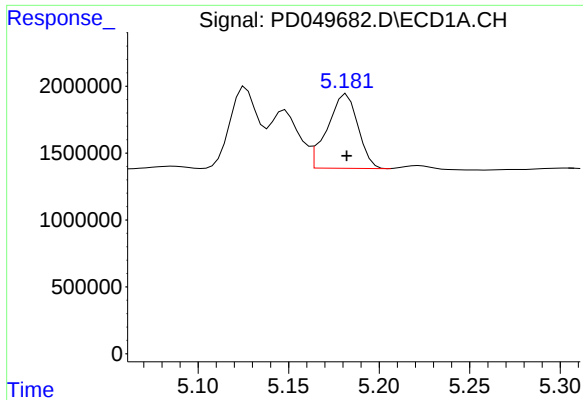
#25 Chlordane-3

R.T.: 5.126 min  
Delta R.T.: -0.001 min  
Response: 6320031  
Conc: 37.66 ng/ml



#25 Chlordane-3

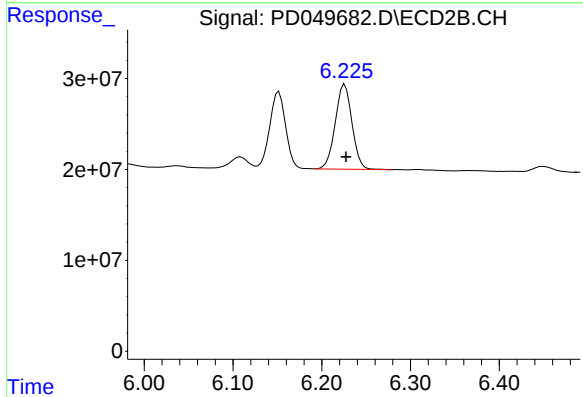
R.T.: 6.152 min  
Delta R.T.: -0.001 min  
Response: 86117850  
Conc: 38.12 ng/ml



#26 Chlordane-4

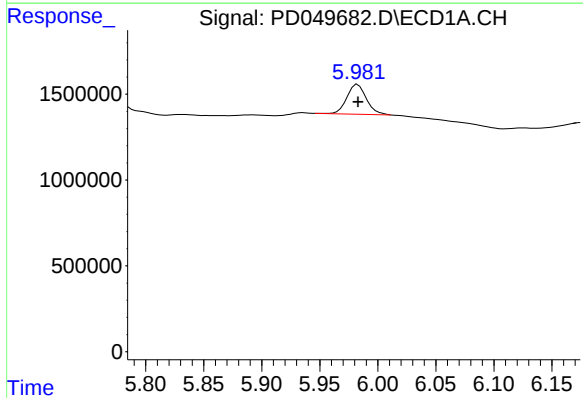
R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 6529655  
Conc: 39.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



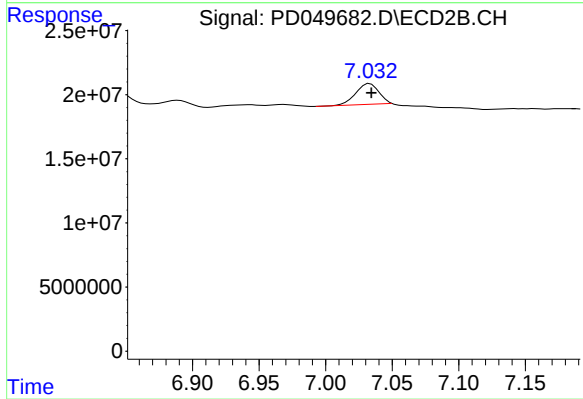
#26 Chlordane-4

R.T.: 6.226 min  
Delta R.T.: -0.001 min  
Response: 122400171  
Conc: 47.89 ng/ml



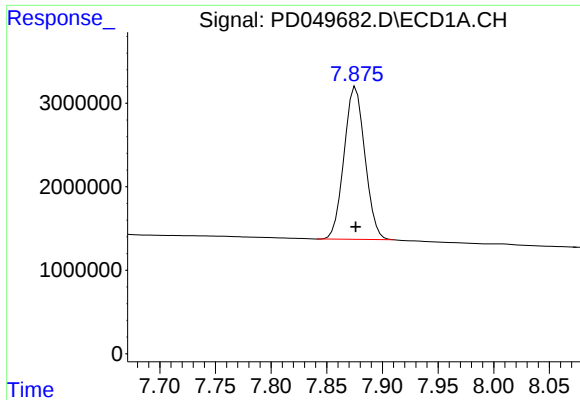
#27 Chlordane-5

R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 2031304  
Conc: 37.89 ng/ml



#27 Chlordane-5

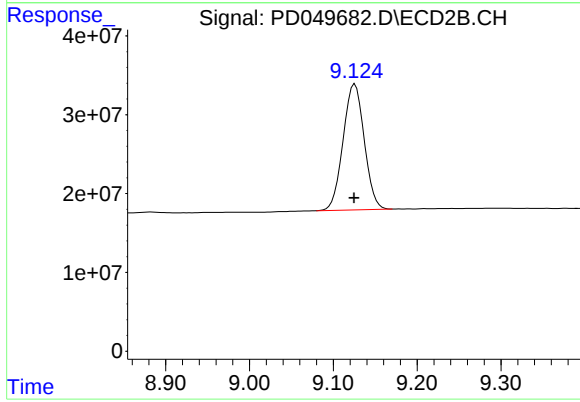
R.T.: 7.033 min  
Delta R.T.: -0.001 min  
Response: 19662928  
Conc: 39.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.876 min  
Delta R.T.: 0.000 min  
Response: 23805461  
Conc: 20.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.000 min  
Response: 280225954  
Conc: 22.18 ng/ml