

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041619\  
 Data File : PD052938.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Apr 2019 10:36  
 Operator : AJ\SJ  
 Sample : K2241-01  
 Misc : CHLOR LOD 25 PPB  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

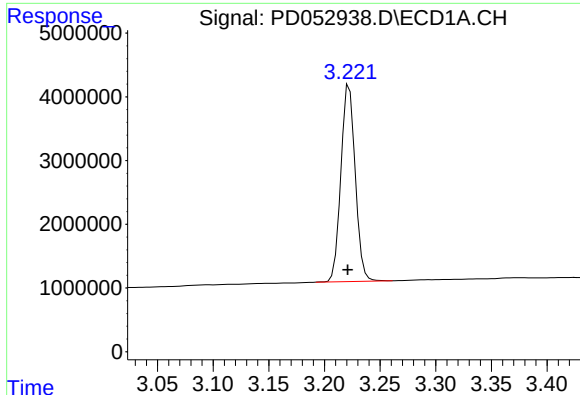
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 02:15:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 29 13:06:45 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 3.222 | 4.042  | 27702775 | 573.6E6  | 19.853 | 19.792   |
| 28)                         | SA Decachlor... | 7.819 | 9.164  | 29271333 | 375.1E6  | 21.963 | 24.118   |
| Target Compounds            |                 |       |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 3.916 | 0.000  | 2253020  | 0        | 1.030  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.187 | 5.235  | 2434576  | 57267181 | 1.147  | 1.443 #  |
| 5)                          | MB Aldrin       | 0.000 | 5.516f | 0        | 41518400 | N.D.   | 1.121 #  |
| 6)                          | B beta-BHC      | 0.000 | 4.919f | 0        | 69648045 | N.D.   | 3.849 #  |
| 8)                          | B Heptachlo...  | 0.000 | 5.915  | 0        | 29644789 | N.D.   | 0.918 #  |
| 10)                         | B gamma-Chl...  | 5.063 | 6.166  | 5366387  | 138.2E6  | 2.752  | 4.319 #  |
| 11)                         | B alpha-Chl...  | 5.118 | 6.240  | 5283773  | 156.3E6  | 2.738  | 4.981 #  |
| 15)                         | B Endosulfa...  | 5.923 | 6.988  | 959327   | 4116394  | 0.559  | 0.165 #  |
| 16)                         | A 4,4'-DDD      | 0.000 | 6.907f | 0        | 6382767  | N.D.   | 0.267 #  |
| 17)                         | MA 4,4'-DDT     | 0.000 | 7.190  | 0        | 2198588  | N.D.   | 0.118 #  |
| 23)                         | Chlordane-1     | 4.044 | 5.045  | 2637286  | 41106974 | 41.999 | 26.796 # |
| 24)                         | Chlordane-2     | 4.523 | 5.516  | 2035855  | 41518400 | 27.358 | 29.646   |
| 25)                         | Chlordane-3     | 5.063 | 6.166  | 5366387  | 138.2E6  | 24.267 | 31.313 # |
| 26)                         | Chlordane-4     | 5.118 | 6.240  | 5283773  | 156.3E6  | 24.913 | 30.745   |
| 27)                         | Chlordane-5     | 5.923 | 7.051  | 959327   | 27191838 | 14.751 | 29.473 # |
| -----                       |                 |       |        |          |          |        |          |

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

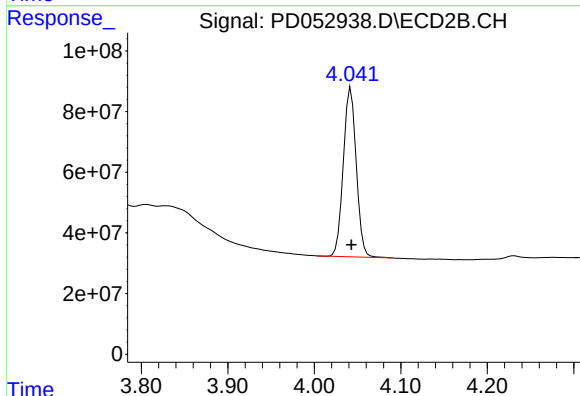




#1 Tetrachloro-m-xylene

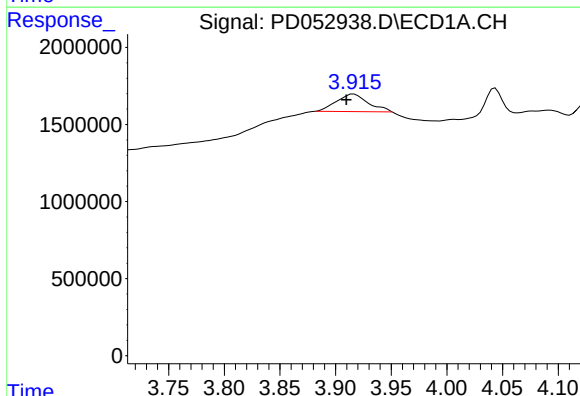
R.T.: 3.222 min  
Delta R.T.: 0.001 min  
Response: 27702775  
Conc: 19.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



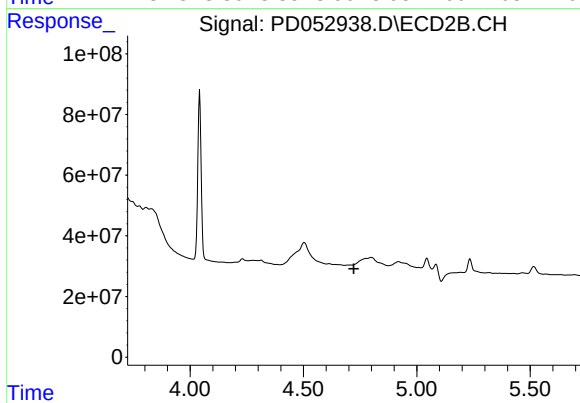
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: 0.000 min  
Response: 573649296  
Conc: 19.79 ng/ml



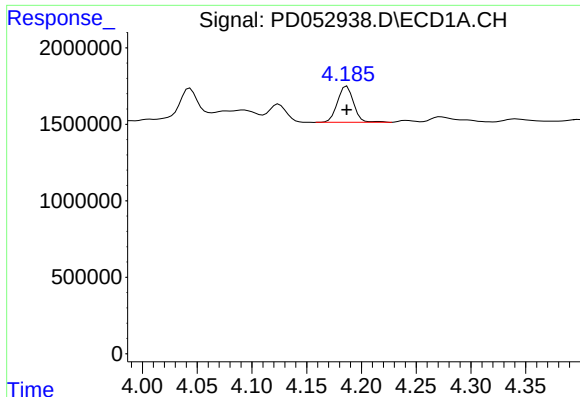
#3 gamma-BHC (Lindane)

R.T.: 3.916 min  
Delta R.T.: 0.007 min  
Response: 2253020  
Conc: 1.03 ng/ml



#3 gamma-BHC (Lindane)

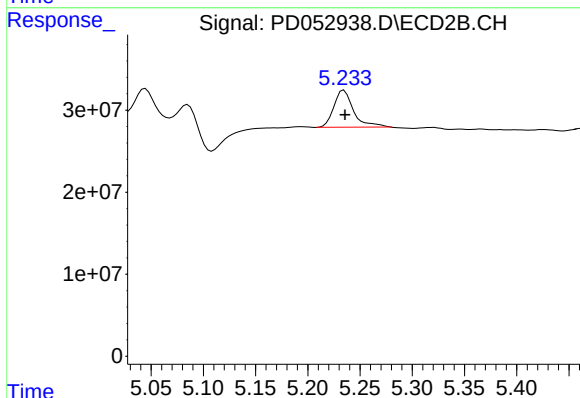
R.T.: 0.000 min  
Exp R.T.: 4.723 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

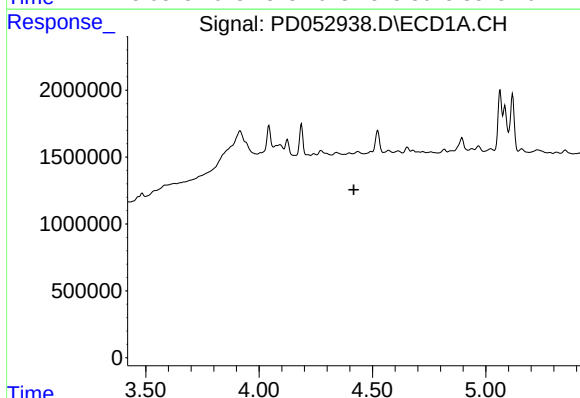
R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 2434576  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



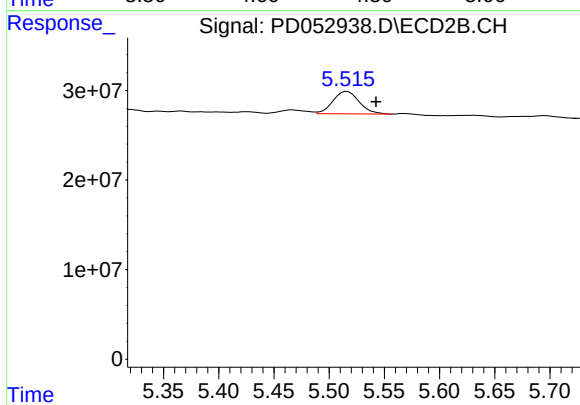
#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: -0.001 min  
Response: 57267181  
Conc: 1.44 ng/ml



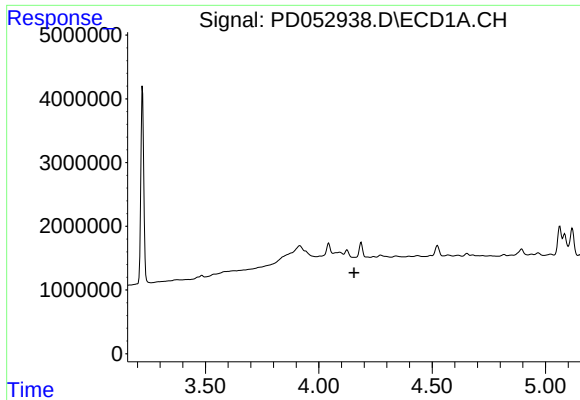
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.418 min  
Response: 0  
Conc: N.D.



#5 Aldrin

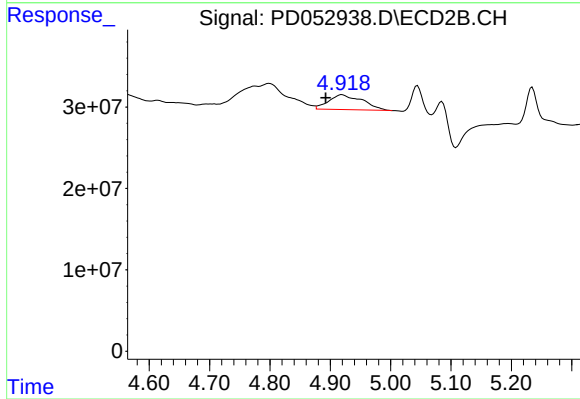
R.T.: 5.516 min  
Delta R.T.: -0.026 min  
Response: 41518400  
Conc: 1.12 ng/ml



#6 beta-BHC

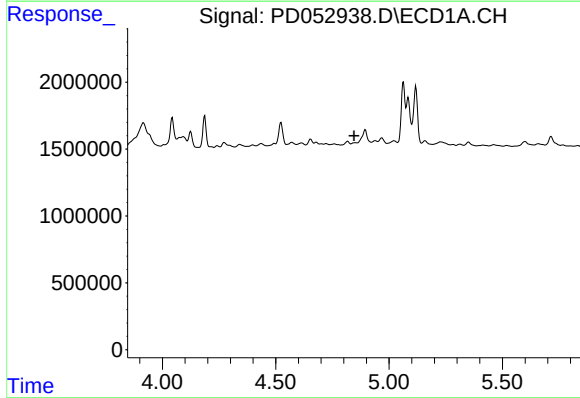
R.T.: 0.000 min  
Exp R.T.: 4.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



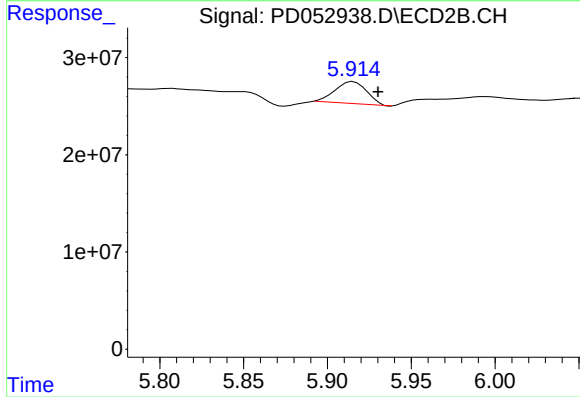
#6 beta-BHC

R.T.: 4.919 min  
Delta R.T.: 0.026 min  
Response: 69648045  
Conc: 3.85 ng/ml



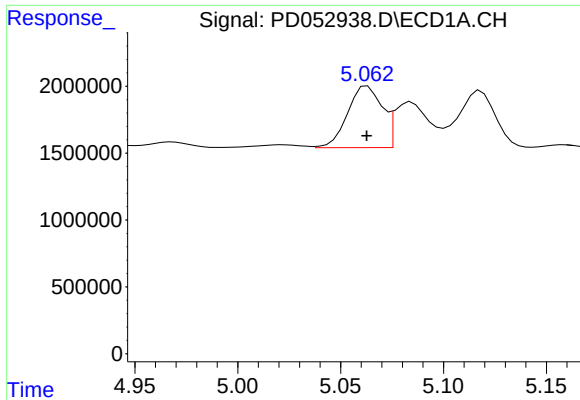
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.846 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

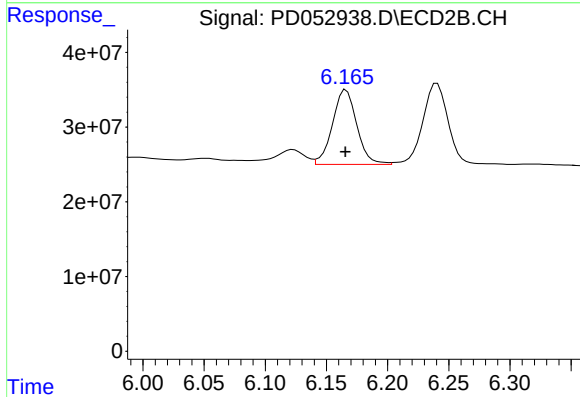
R.T.: 5.915 min  
Delta R.T.: -0.015 min  
Response: 29644789  
Conc: 0.92 ng/ml



#10 gamma-Chlordane

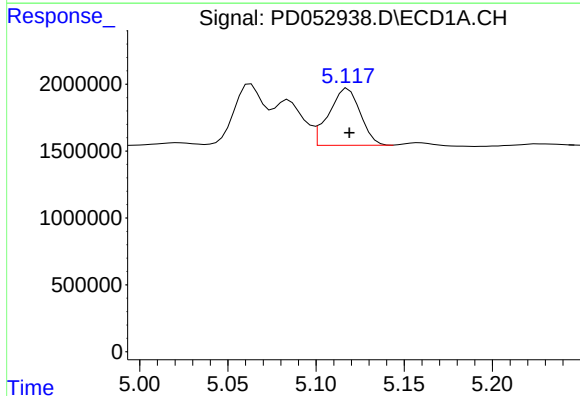
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 5366387  
Conc: 2.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



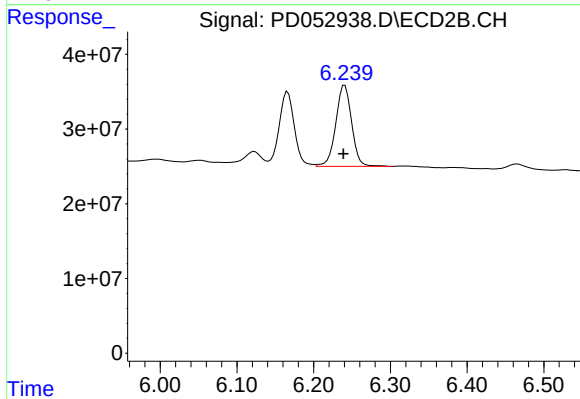
#10 gamma-Chlordane

R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 138179233  
Conc: 4.32 ng/ml



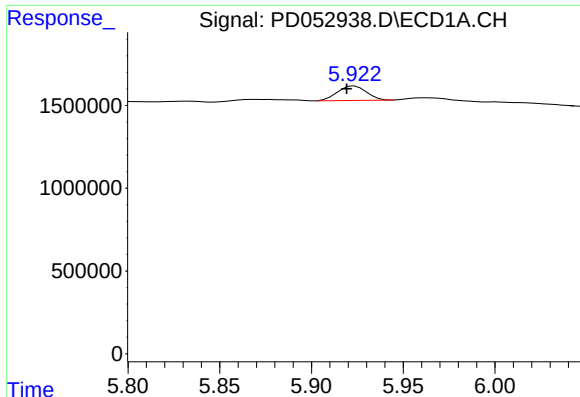
#11 alpha-Chlordane

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 5283773  
Conc: 2.74 ng/ml



#11 alpha-Chlordane

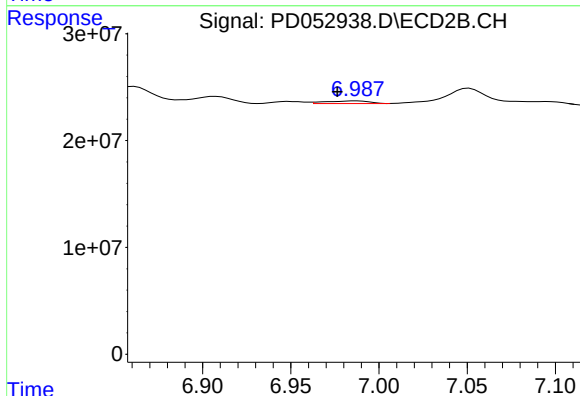
R.T.: 6.240 min  
Delta R.T.: 0.002 min  
Response: 156342664  
Conc: 4.98 ng/ml



#15 Endosulfan II

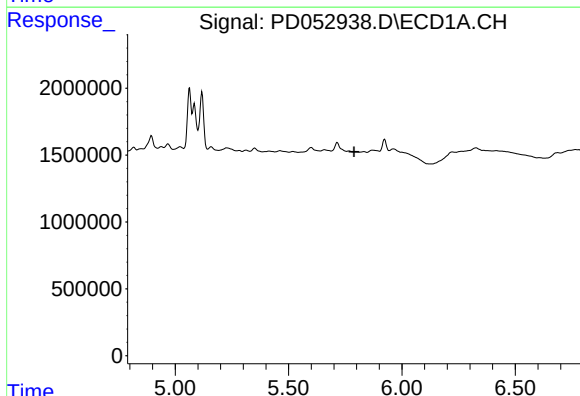
R.T.: 5.923 min  
Delta R.T.: 0.004 min  
Response: 959327  
Conc: 0.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



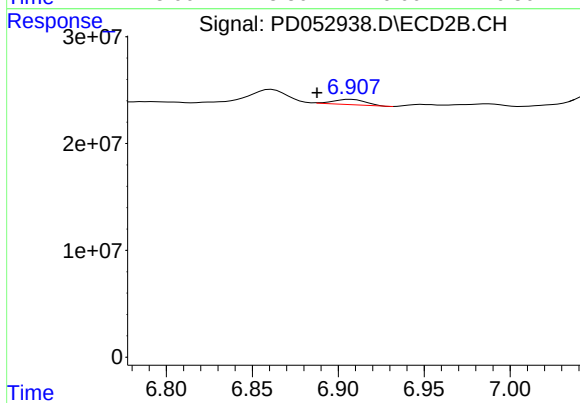
#15 Endosulfan II

R.T.: 6.988 min  
Delta R.T.: 0.011 min  
Response: 4116394  
Conc: 0.17 ng/ml



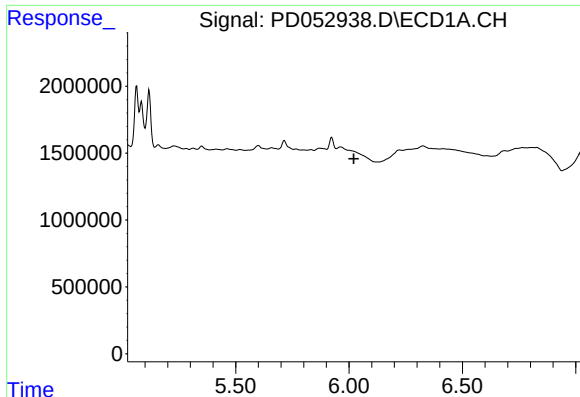
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.789 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

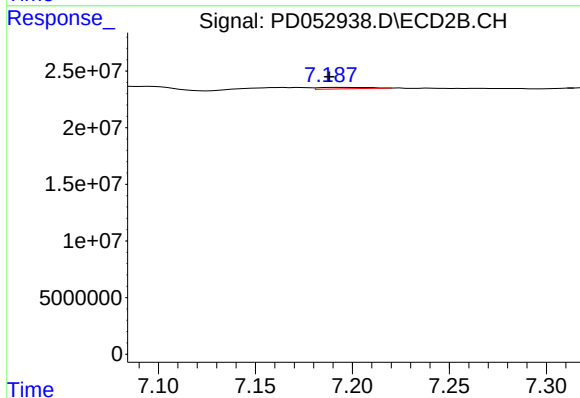
R.T.: 6.907 min  
Delta R.T.: 0.020 min  
Response: 6382767  
Conc: 0.27 ng/ml



#17 4,4'-DDT

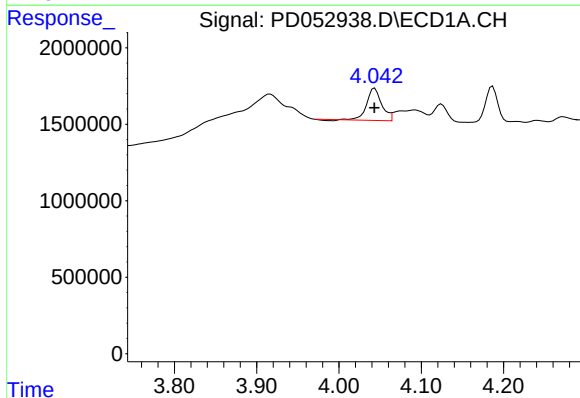
R.T.: 0.000 min  
Exp R.T.: 6.021 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



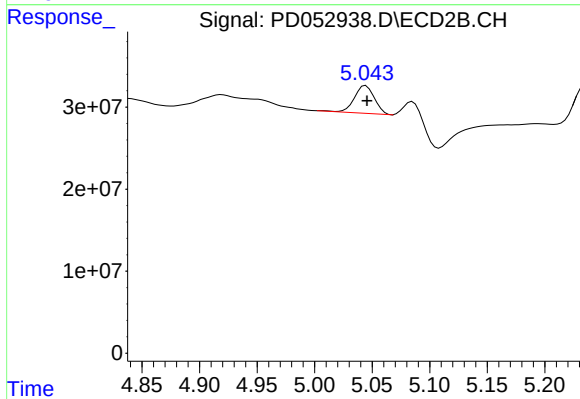
#17 4,4'-DDT

R.T.: 7.190 min  
Delta R.T.: 0.002 min  
Response: 2198588  
Conc: 0.12 ng/ml



#23 Chlordane-1

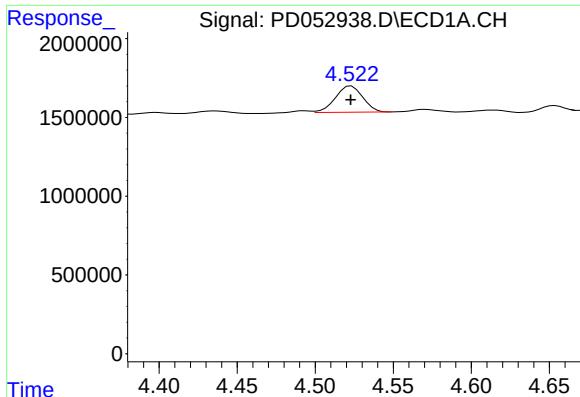
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 2637286  
Conc: 42.00 ng/ml



#23 Chlordane-1

R.T.: 5.045 min  
Delta R.T.: -0.001 min  
Response: 41106974  
Conc: 26.80 ng/ml

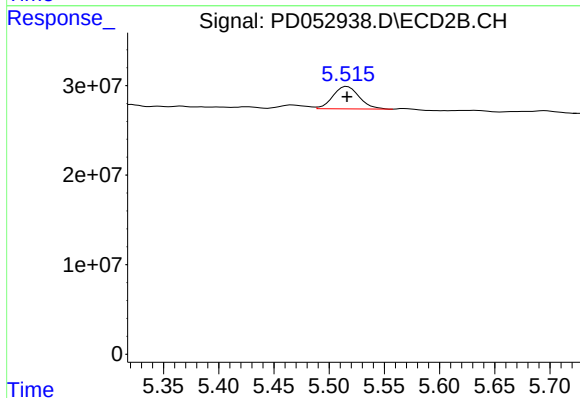




#24 Chlordane-2

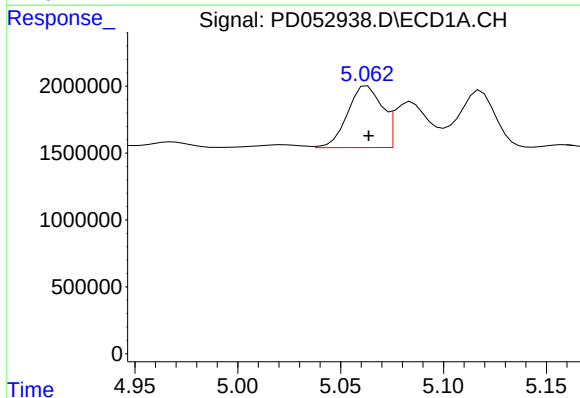
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 2035855  
Conc: 27.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



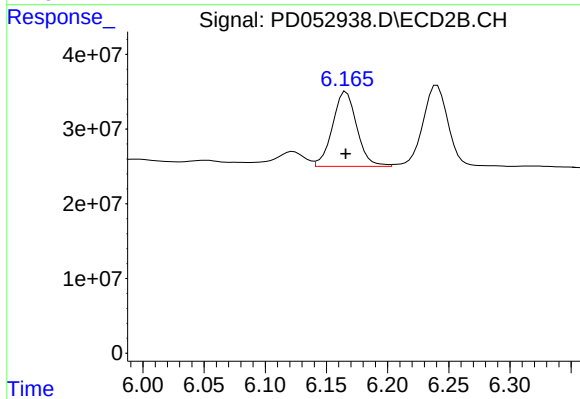
#24 Chlordane-2

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 41518400  
Conc: 29.65 ng/ml



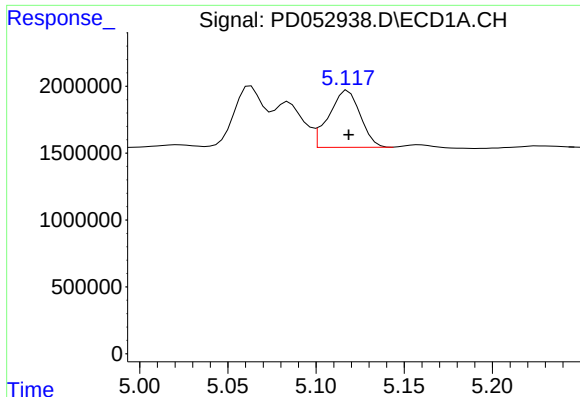
#25 Chlordane-3

R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 5366387  
Conc: 24.27 ng/ml



#25 Chlordane-3

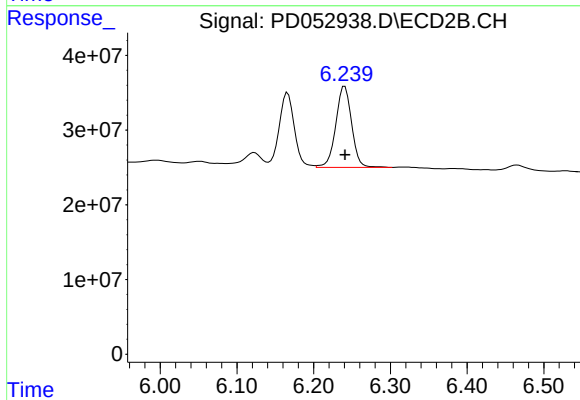
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 138179233  
Conc: 31.31 ng/ml



#26 Chlordane-4

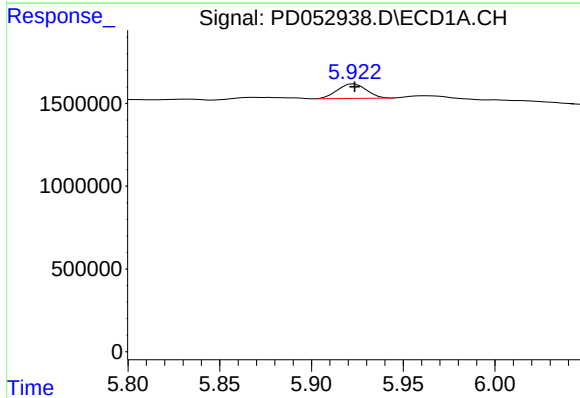
R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 5283773  
Conc: 24.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



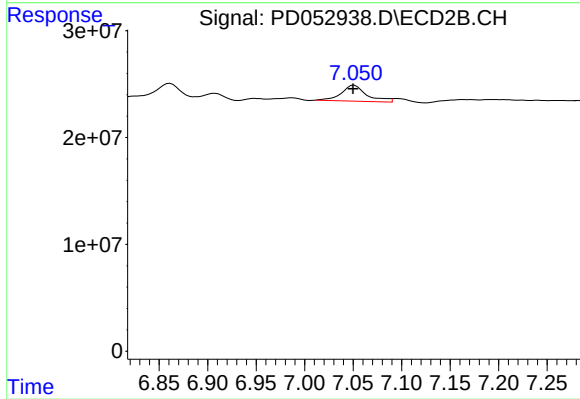
#26 Chlordane-4

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 156342664  
Conc: 30.74 ng/ml



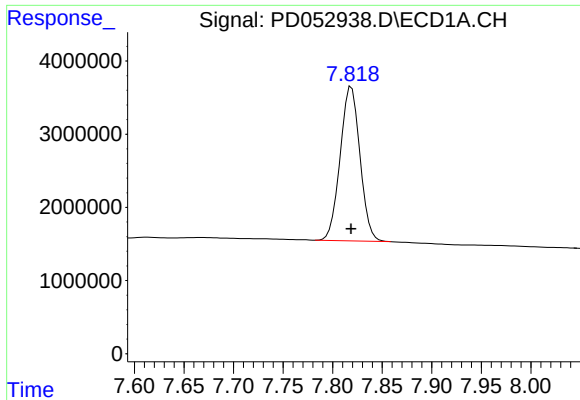
#27 Chlordane-5

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 959327  
Conc: 14.75 ng/ml



#27 Chlordane-5

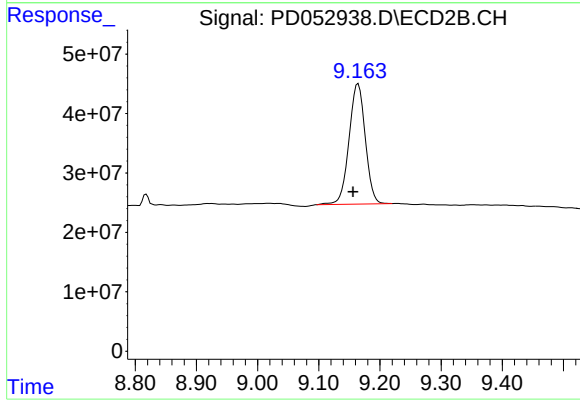
R.T.: 7.051 min  
Delta R.T.: 0.001 min  
Response: 27191838  
Conc: 29.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.819 min  
Delta R.T.: 0.000 min  
Response: 29271333  
Conc: 21.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.164 min  
Delta R.T.: 0.008 min  
Response: 375061487  
Conc: 24.12 ng/ml