

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100818\  
 Data File : PD049657.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Oct 2018 18:20  
 Operator : AJ\SJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 02:16:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100818.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 09 02:11:28 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 | 60221323 | 678.8E6  | 50.000  | 50.000   |
| 28)                         | SA Decachlor... | 7.877 | 9.127 | 55073463 | 610.4E6  | 50.000  | 50.000   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000 | 4.307 | 0        | 9390539  | N.D.    | 50.000 # |
| 3)                          | MA gamma-BHC... | 4.010 | 0.000 | 2978444  | 0        | 50.000  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.284 | 5.036 | 648729   | 345.6E6  | 50.000  | 50.000   |
| 5)                          | MB Aldrin       | 4.500 | 5.378 | 1779393  | 7020665  | 50.000  | 50.000   |
| 6)                          | B beta-BHC      | 4.253 | 4.733 | 36935264 | 7948781  | 50.000  | 50.000   |
| 7)                          | B delta-BHC     | 4.464 | 4.952 | -687173  | 11366130 | 50.000  | 50.000   |
| 8)                          | B Heptachlo...  | 4.960 | 5.735 | 30758073 | 81941404 | 50.000  | 50.000   |
| 9)                          | A Endosulfan I  | 5.304 | 6.110 | 1046372  | 174.3E6  | 50.000  | 50.000   |
| 10)                         | B gamma-Chl...  | 5.182 | 5.968 | 83765048 | 35168035 | 50.000  | 50.000   |
| 11)                         | B alpha-Chl...  | 5.222 | 6.040 | 5256615  | 25465491 | 50.000  | 50.000   |
| 12)                         | B 4,4'-DDE      | 5.413 | 6.227 | 2161948  | 1277.3E6 | 50.000  | 50.000   |
| 13)                         | MA Dieldrin     | 5.524 | 6.377 | 804781   | -1955326 | 50.000  | 50.000   |
| 14)                         | MA Endrin       | 5.777 | 6.603 | 11966233 | 15891574 | 50.000  | 50.000   |
| 15)                         | B Endosulfa...  | 5.983 | 6.776 | 27169723 | 11053524 | 50.000  | 50.000   |
| 16)                         | A 4,4'-DDD      | 5.938 | 6.688 | 3086321  | 61540836 | 50.000  | 50.000   |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.971 | 0        | 4082216  | N.D.    | 50.000 # |
| 18)                         | B Endrin al...  | 6.274 | 6.891 | 3375100  | 37844929 | 50.000  | 50.000   |
| 19)                         | B Endosulfa...  | 0.000 | 7.075 | 0        | 5306633  | N.D.    | 50.000 # |
| 20)                         | A Methoxychlor  | 0.000 | 7.407 | 0        | 8216127  | N.D.    | 50.000 # |
| 22)                         | Mirex           | 7.877 | 7.309 | 55073463 | 12869693 | 50.000  | 50.000   |
| 23)                         | Chlordane-1     | 4.109 | 5.036 | 25940816 | 345.6E6  | 500.000 | 500.000  |
| 24)                         | Chlordane-2     | 4.588 | 5.505 | 27243693 | 325.5E6  | 500.000 | 500.000  |
| 25)                         | Chlordane-3     | 5.127 | 6.153 | 85290977 | 1132.1E6 | 500.000 | 500.000  |
| 26)                         | Chlordane-4     | 5.182 | 6.227 | 83765048 | 1277.3E6 | 500.000 | 500.000  |
| 27)                         | Chlordane-5     | 5.983 | 7.034 | 27169723 | 251.8E6  | 500.000 | 500.000  |
| -----                       |                 |       |       |          |          |         |          |

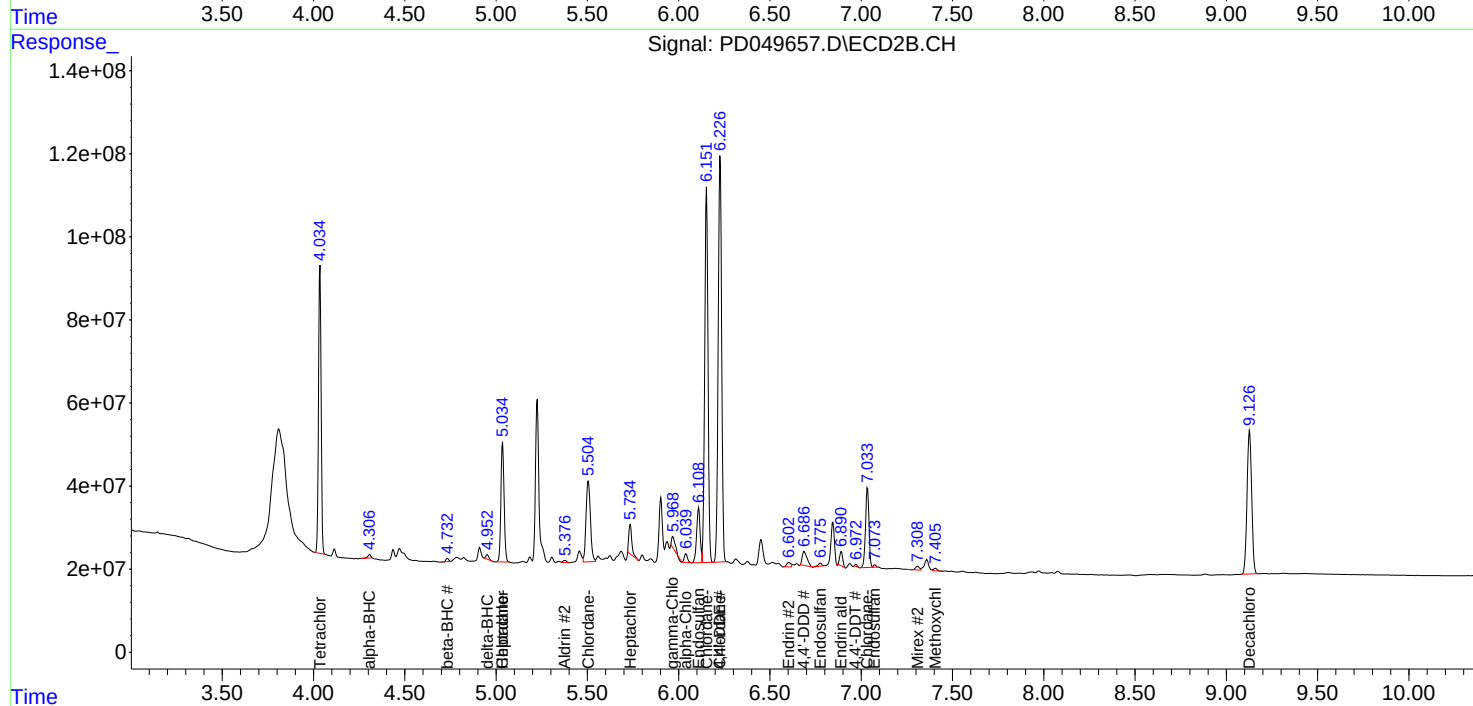
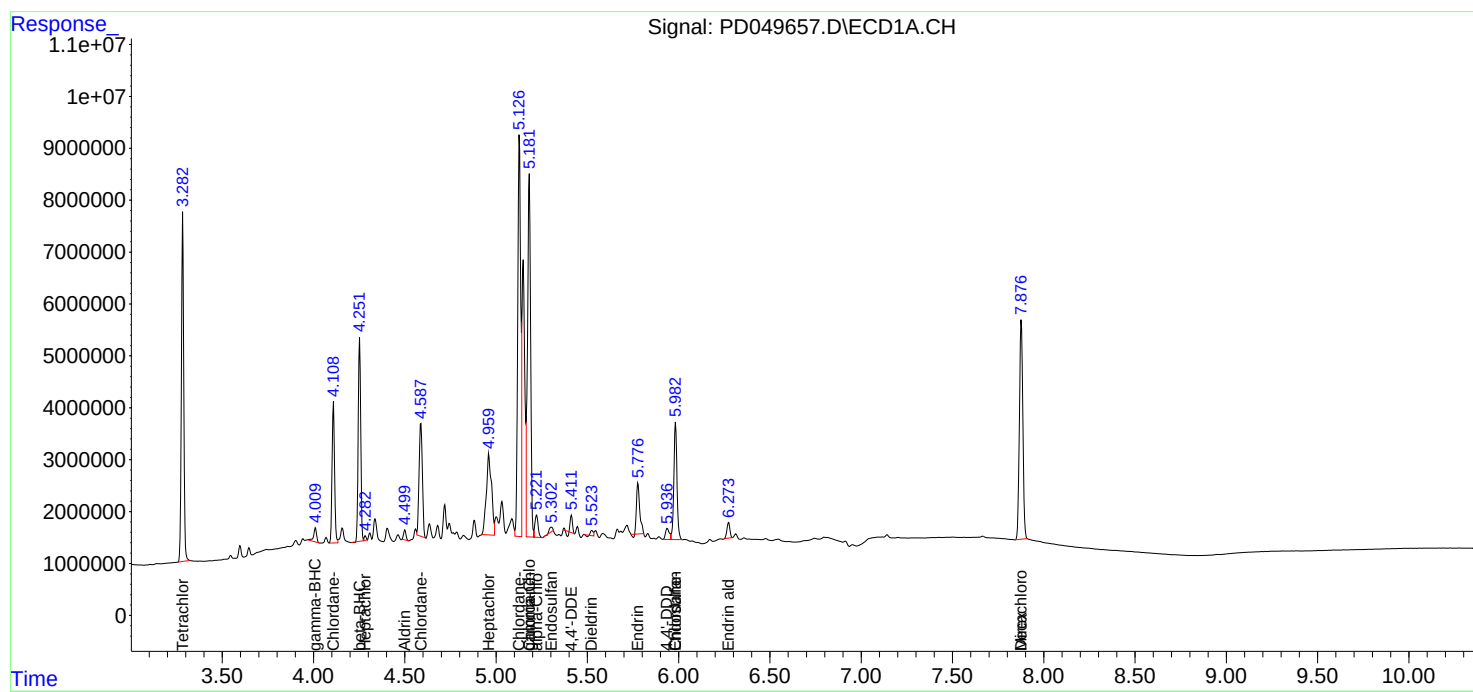
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

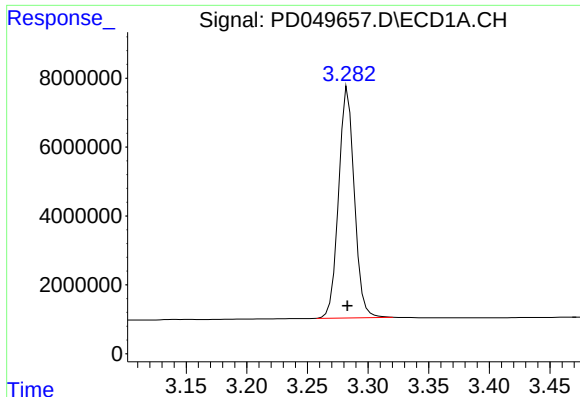
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100818\  
Data File : PD049657.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Oct 2018 18:20  
Operator : AJ\SJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 02:16:11 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100818.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 09 02:11:28 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

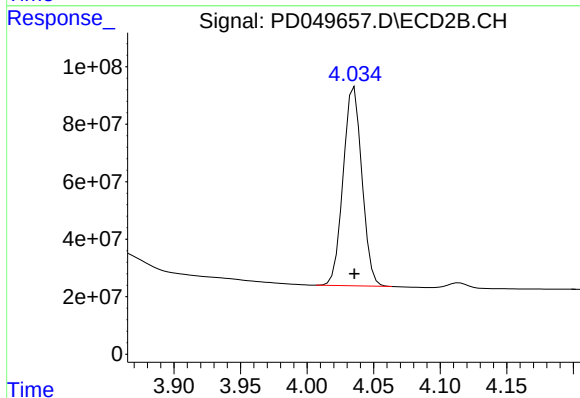




#1 Tetrachloro-m-xylene

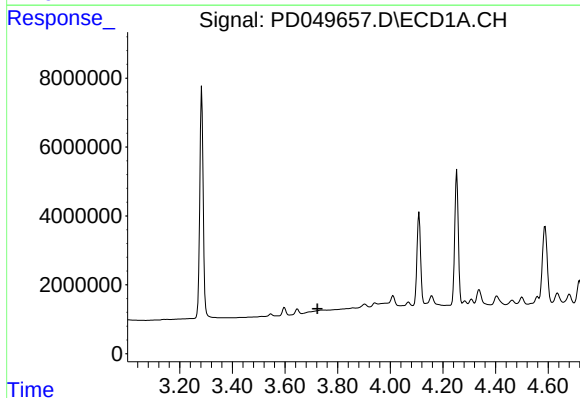
R.T.: 3.283 min  
Delta R.T.: 0.000 min  
Response: 60221323  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



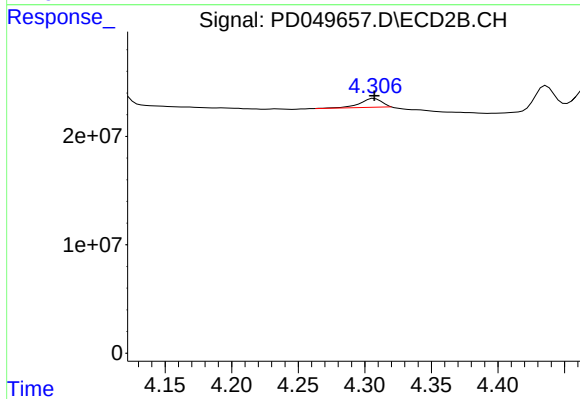
#1 Tetrachloro-m-xylene

R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 678822067  
Conc: 50.00 ng/ml



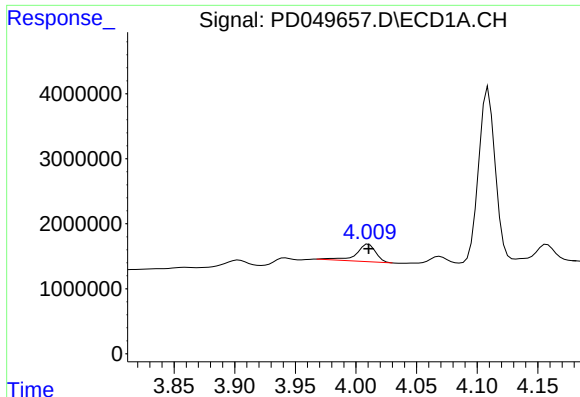
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.722 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

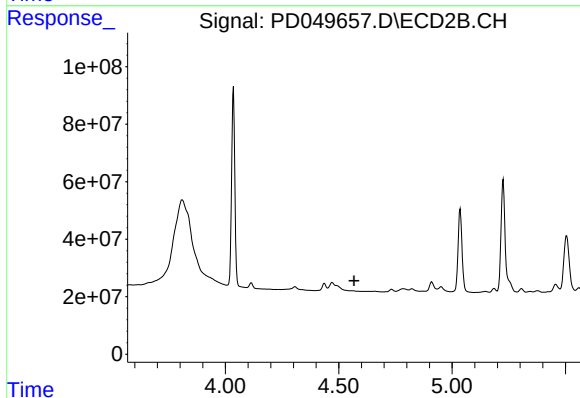
R.T.: 4.307 min  
Delta R.T.: 0.000 min  
Response: 9390539  
Conc: 50.00 ng/ml



#3 gamma-BHC (Lindane)

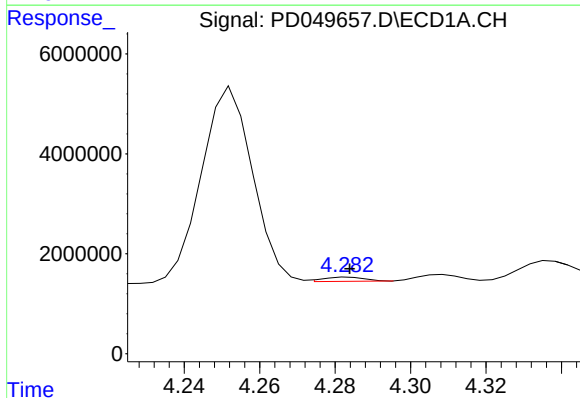
R.T.: 4.010 min  
Delta R.T.: 0.000 min  
Response: 2978444  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



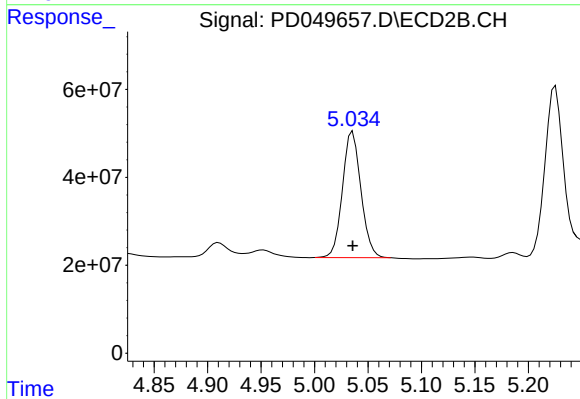
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.568 min  
Response: 0  
Conc: N.D.



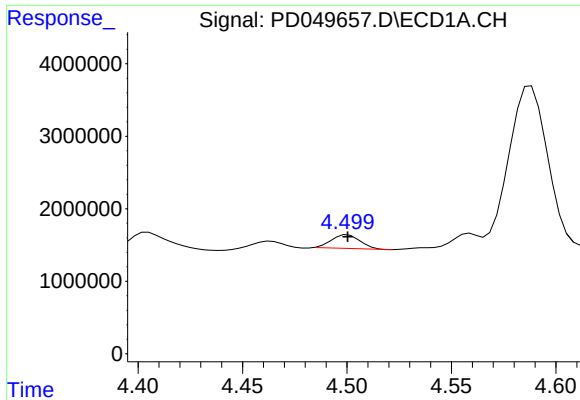
#4 Heptachlor

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 648729  
Conc: 50.00 ng/ml



#4 Heptachlor

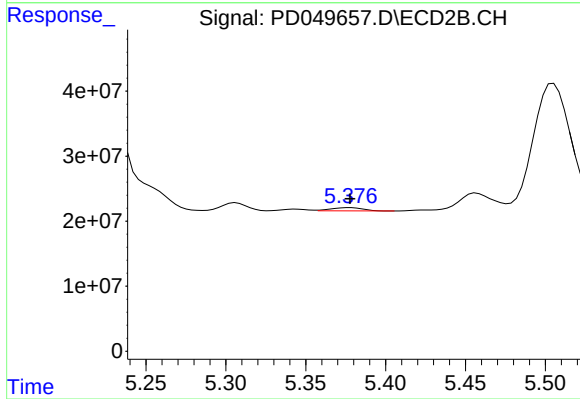
R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 345617338  
Conc: 50.00 ng/ml



#5 Aldrin

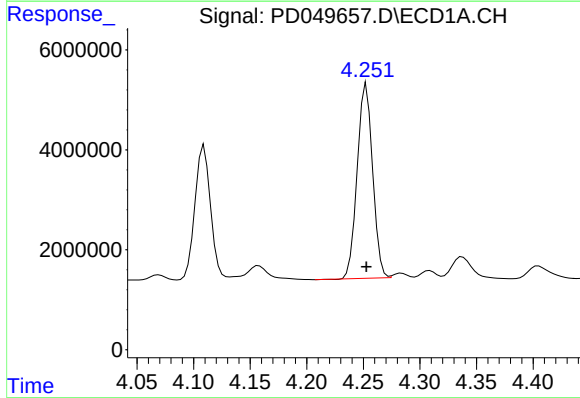
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 1779393  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



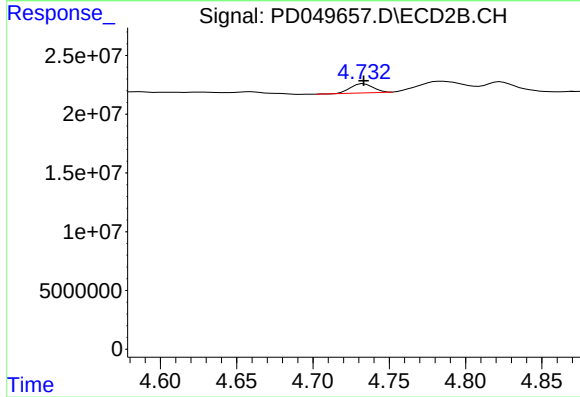
#5 Aldrin

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 7020665  
Conc: 50.00 ng/ml



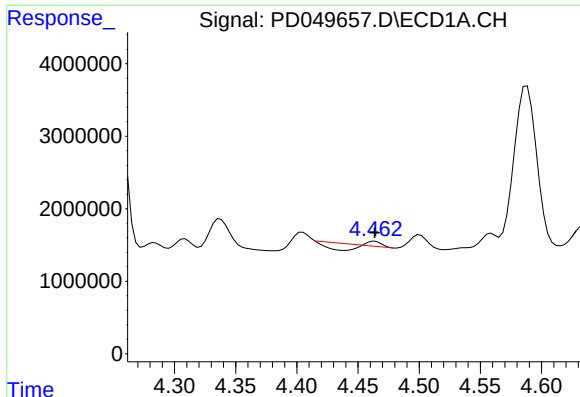
#6 beta-BHC

R.T.: 4.253 min  
Delta R.T.: 0.000 min  
Response: 36935264  
Conc: 50.00 ng/ml



#6 beta-BHC

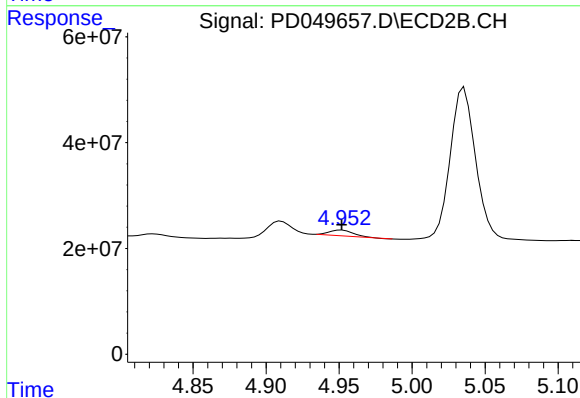
R.T.: 4.733 min  
Delta R.T.: 0.000 min  
Response: 7948781  
Conc: 50.00 ng/ml



#7 delta-BHC

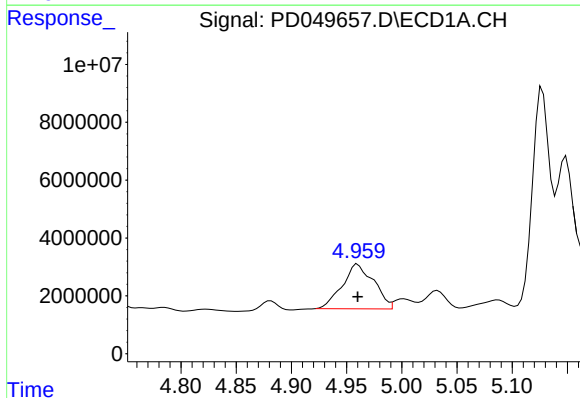
R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: -687173  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



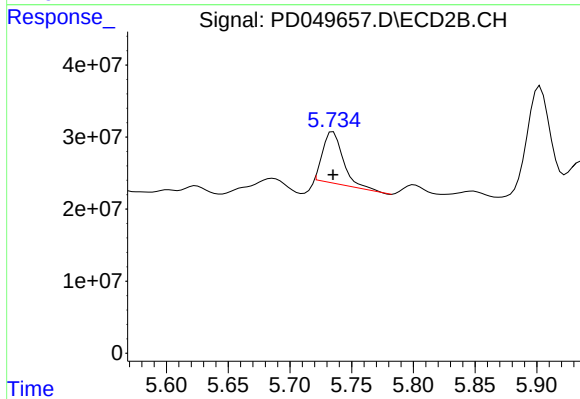
#7 delta-BHC

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 11366130  
Conc: 50.00 ng/ml



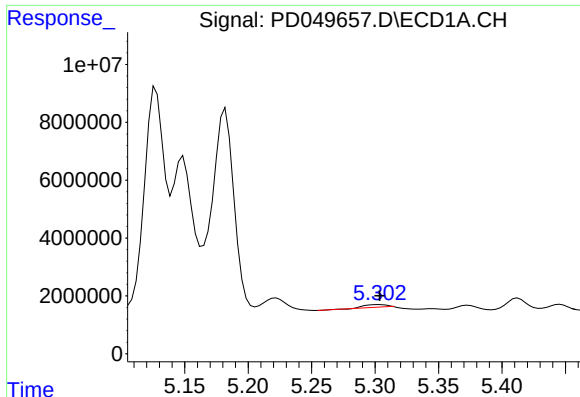
#8 Heptachlor epoxide

R.T.: 4.960 min  
Delta R.T.: 0.000 min  
Response: 30758073  
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

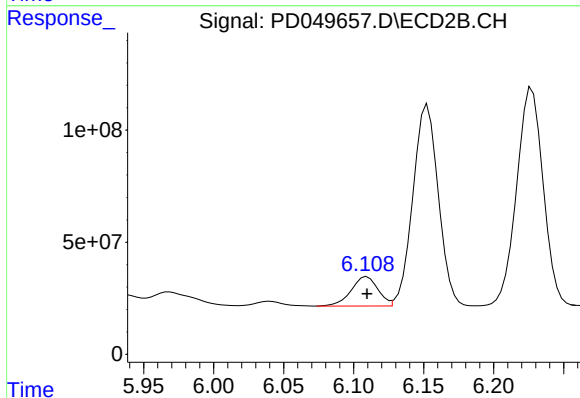
R.T.: 5.735 min  
Delta R.T.: 0.000 min  
Response: 81941404  
Conc: 50.00 ng/ml



#9 Endosulfan I

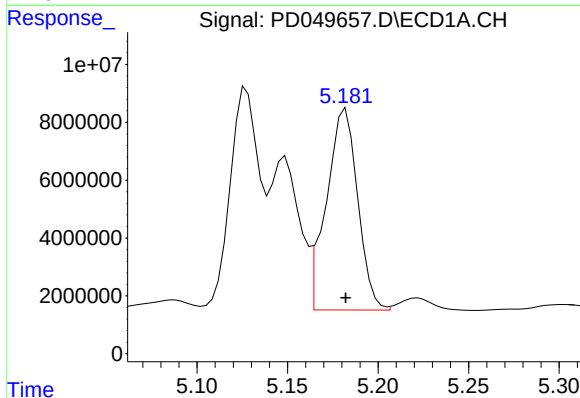
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 1046372  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



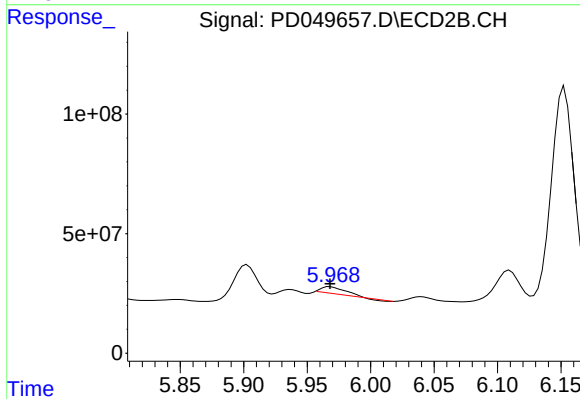
#9 Endosulfan I

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 174299225  
Conc: 50.00 ng/ml



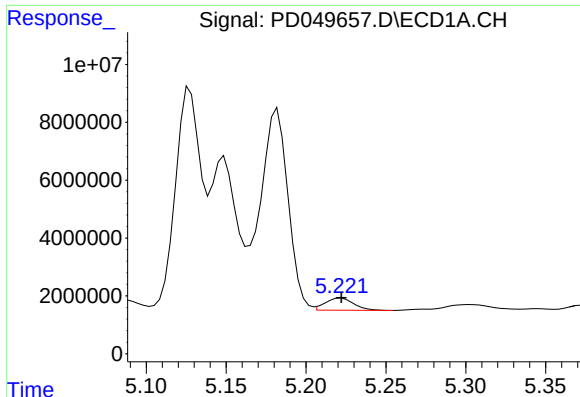
#10 gamma-Chlordane

R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 83765048  
Conc: 50.00 ng/ml



#10 gamma-Chlordane

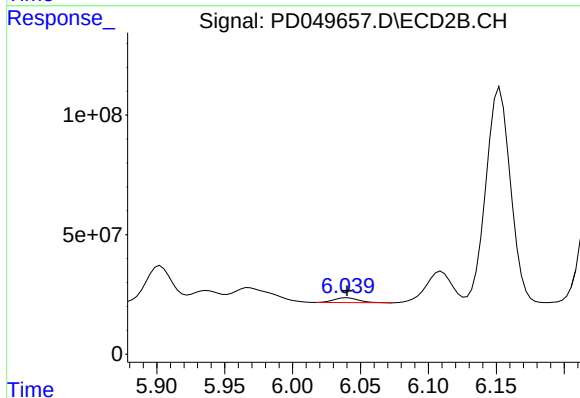
R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 35168035  
Conc: 50.00 ng/ml



#11 alpha-Chlordane

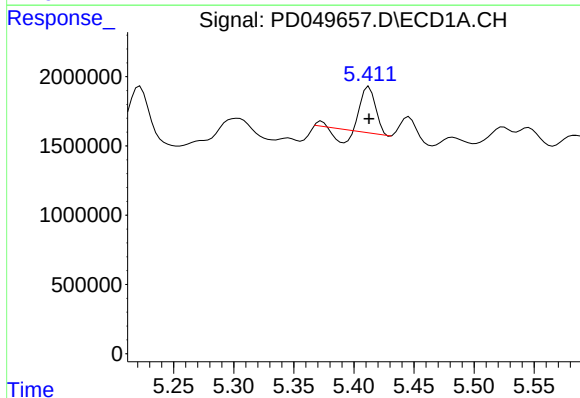
R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 5256615  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



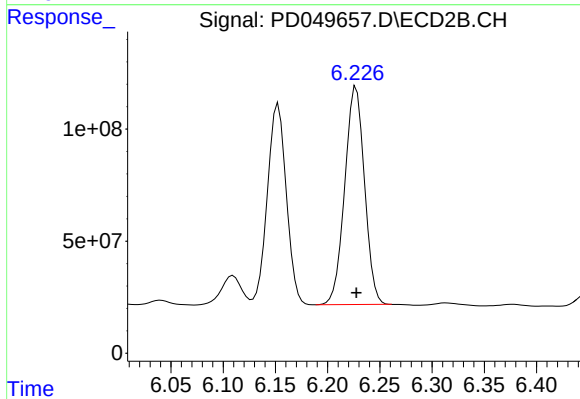
#11 alpha-Chlordane

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 25465491  
Conc: 50.00 ng/ml



#12 4,4'-DDE

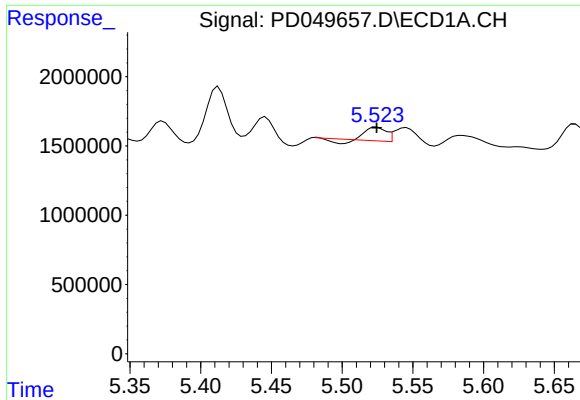
R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 2161948  
Conc: 50.00 ng/ml



#12 4,4'-DDE

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 1277274545  
Conc: 50.00 ng/ml

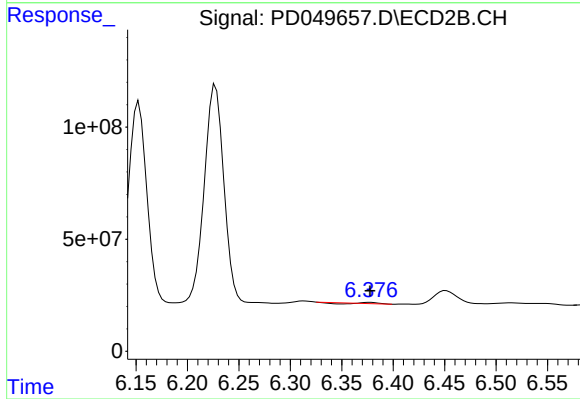




#13 Dieldrin

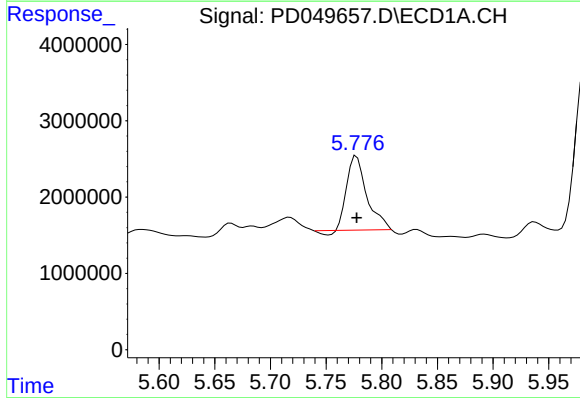
R.T.: 5.524 min  
Delta R.T.: 0.000 min  
Response: 804781  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



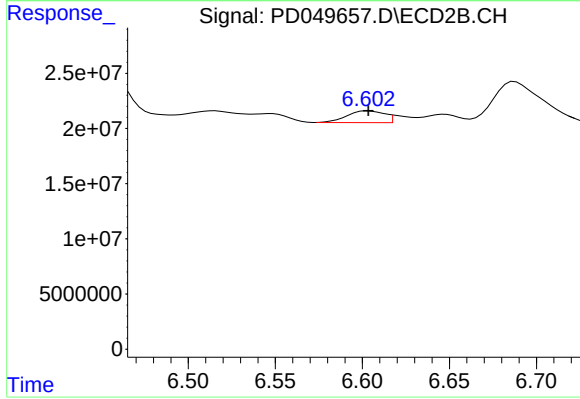
#13 Dieldrin

R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: -1955326  
Conc: 50.00 ng/ml



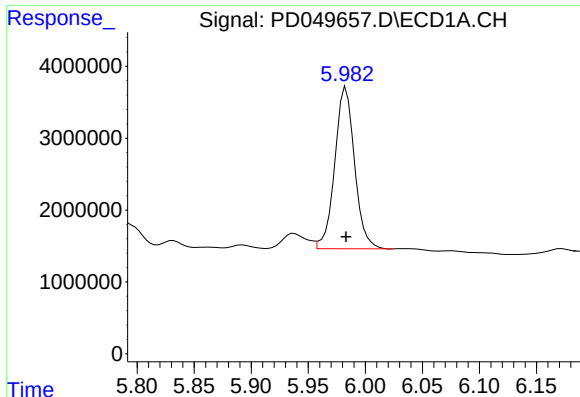
#14 Endrin

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 11966233  
Conc: 50.00 ng/ml



#14 Endrin

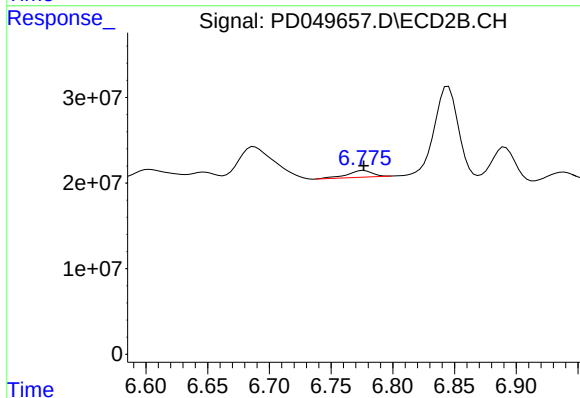
R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 15891574  
Conc: 50.00 ng/ml



#15 Endosulfan II

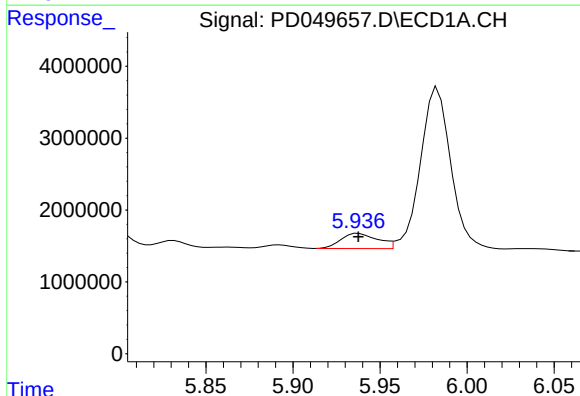
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 27169723  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



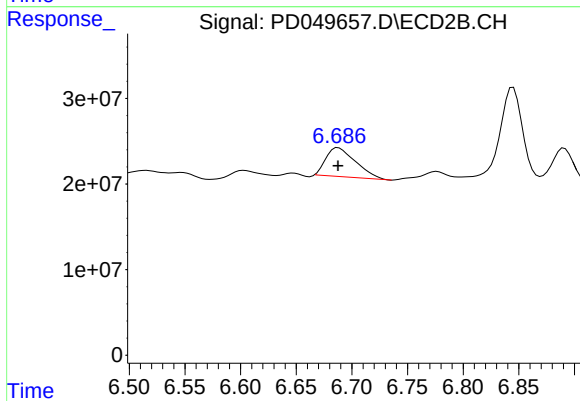
#15 Endosulfan II

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 11053524  
Conc: 50.00 ng/ml



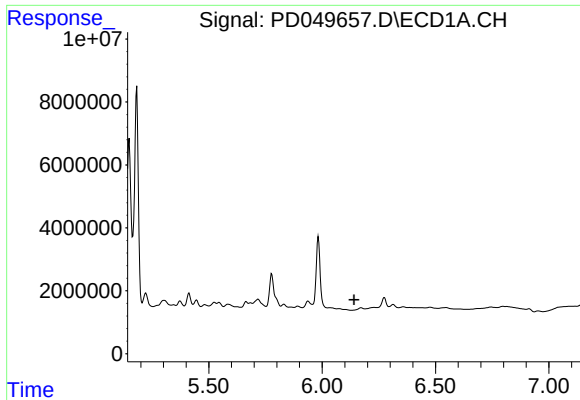
#16 4,4'-DDD

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 3086321  
Conc: 50.00 ng/ml



#16 4,4'-DDD

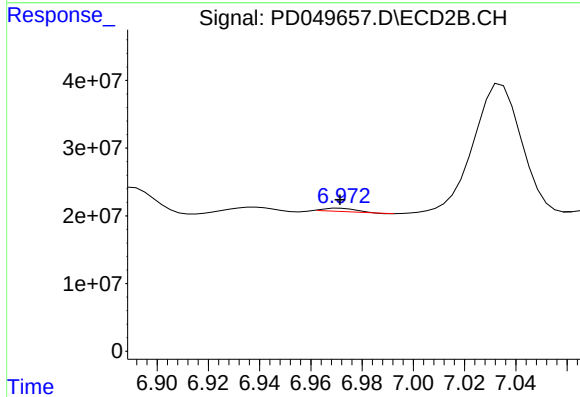
R.T.: 6.688 min  
Delta R.T.: 0.000 min  
Response: 61540836  
Conc: 50.00 ng/ml



#17 4,4'-DDT

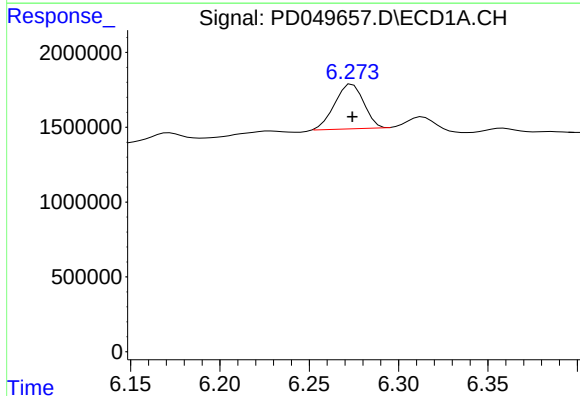
R.T.: 0.000 min  
Exp R.T.: 6.140 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



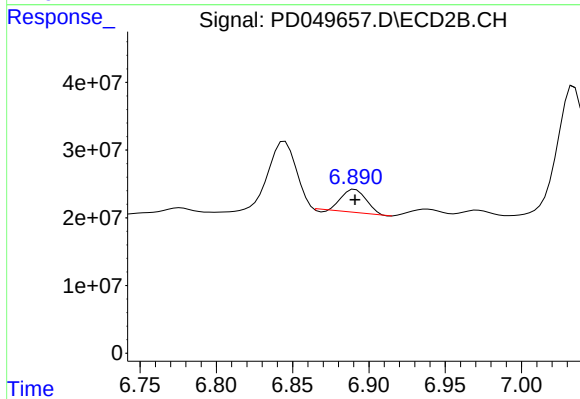
#17 4,4'-DDT

R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 4082216  
Conc: 50.00 ng/ml



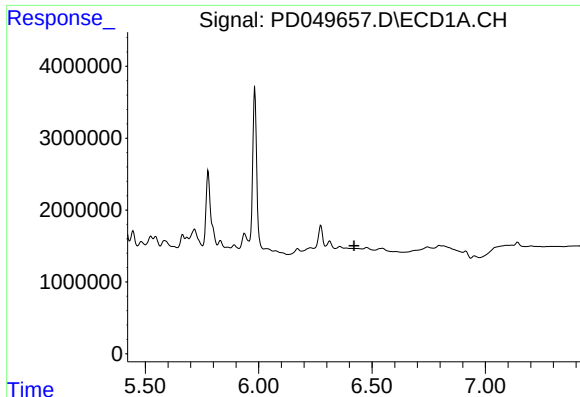
#18 Endrin aldehyde

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 3375100  
Conc: 50.00 ng/ml



#18 Endrin aldehyde

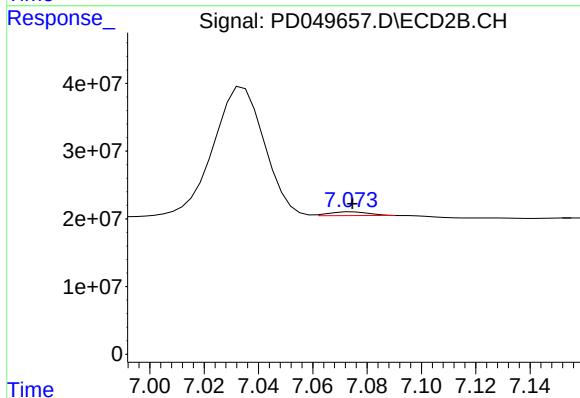
R.T.: 6.891 min  
Delta R.T.: 0.000 min  
Response: 37844929  
Conc: 50.00 ng/ml



#19 Endosulfan Sulfate

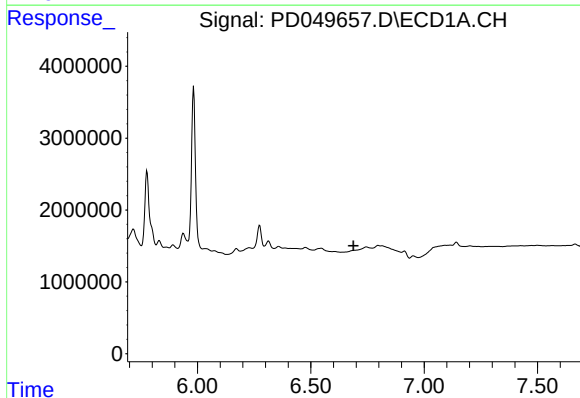
R.T.: 0.000 min  
Exp R.T. : 6.421 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



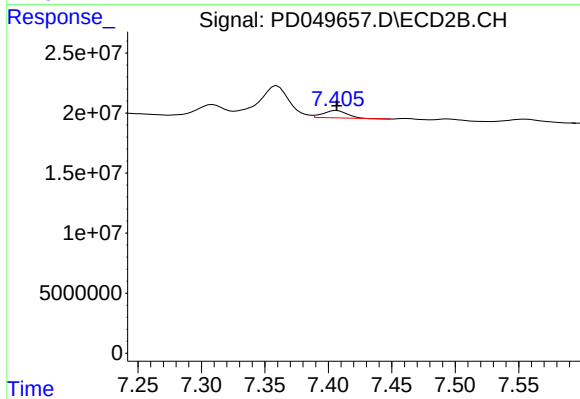
#19 Endosulfan Sulfate

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 5306633  
Conc: 50.00 ng/ml



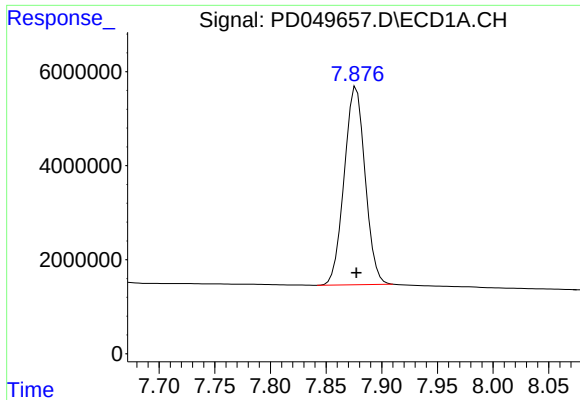
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.689 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

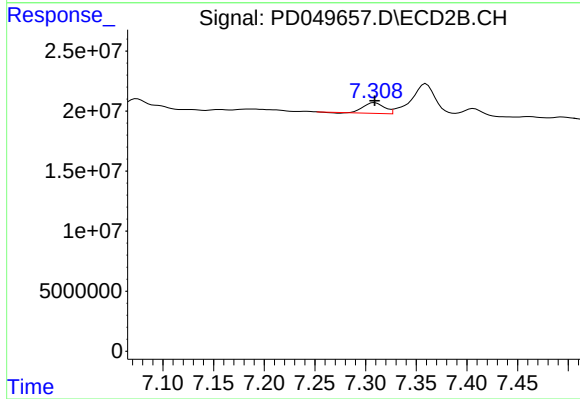
R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 8216127  
Conc: 50.00 ng/ml



#22 Mirex

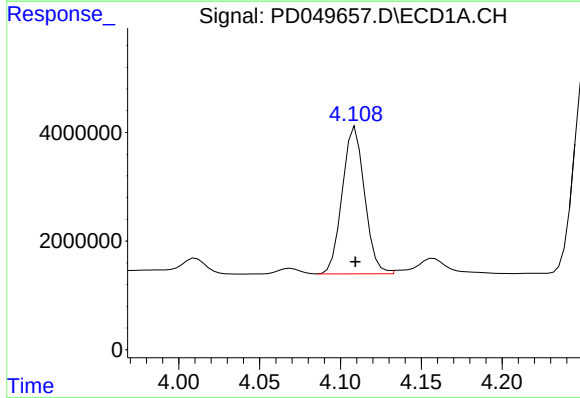
R.T.: 7.877 min  
Delta R.T.: 0.000 min  
Response: 55073463  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



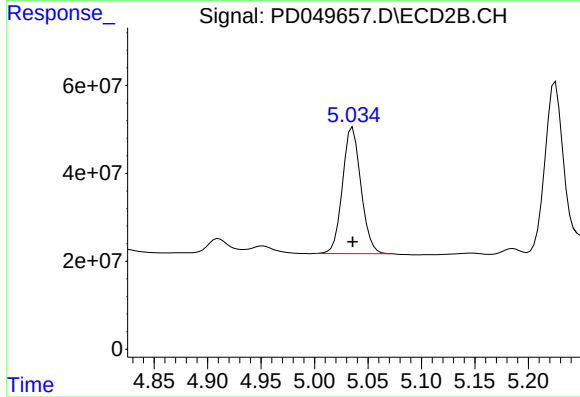
#22 Mirex

R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 12869693  
Conc: 50.00 ng/ml



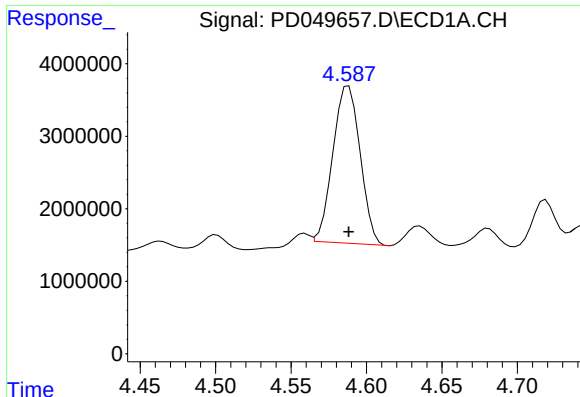
#23 Chlordane-1

R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 25940816  
Conc: 500.00 ng/ml



#23 Chlordane-1

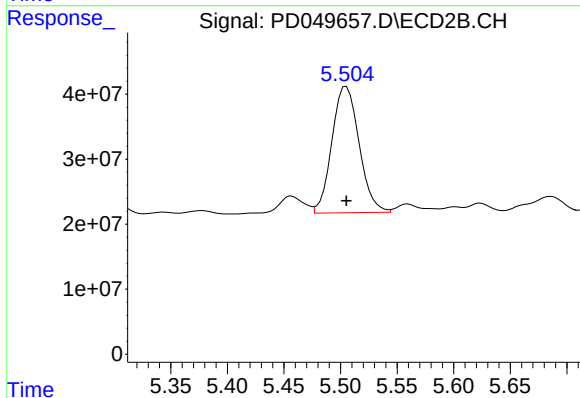
R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 345617338  
Conc: 500.00 ng/ml



#24 Chlordane-2

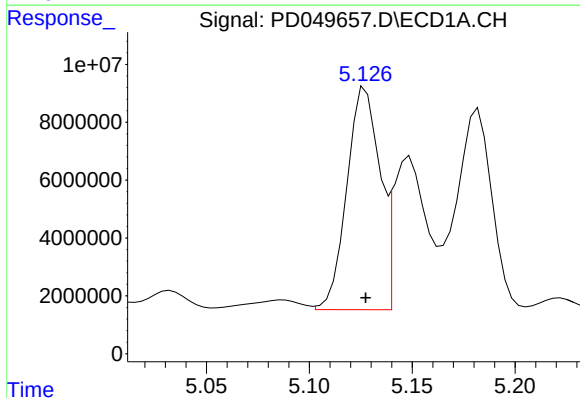
R.T.: 4.588 min  
Delta R.T.: 0.000 min  
Response: 27243693  
Conc: 500.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



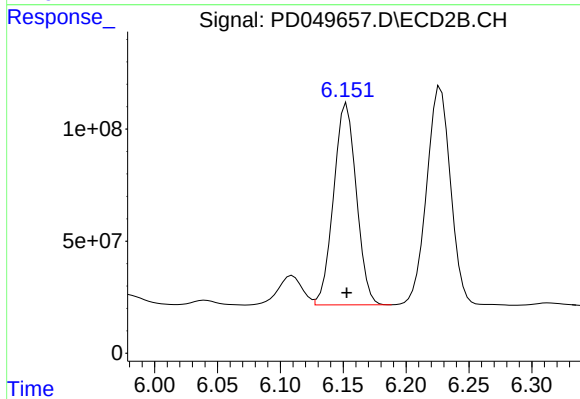
#24 Chlordane-2

R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 325507003  
Conc: 500.00 ng/ml



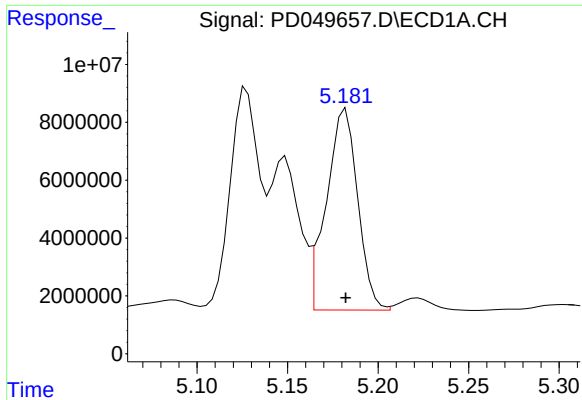
#25 Chlordane-3

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 85290977  
Conc: 500.00 ng/ml



#25 Chlordane-3

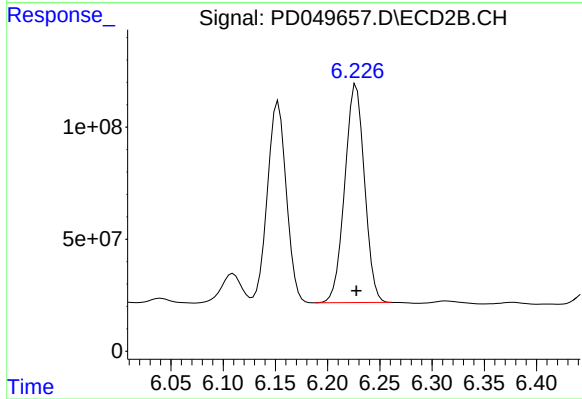
R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 1132051569  
Conc: 500.00 ng/ml



#26 Chlordane-4

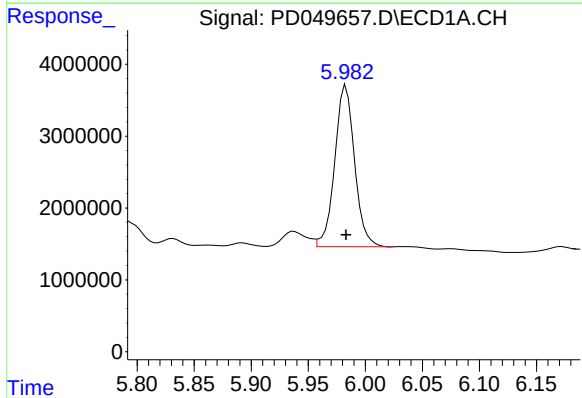
R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 83765048  
Conc: 500.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



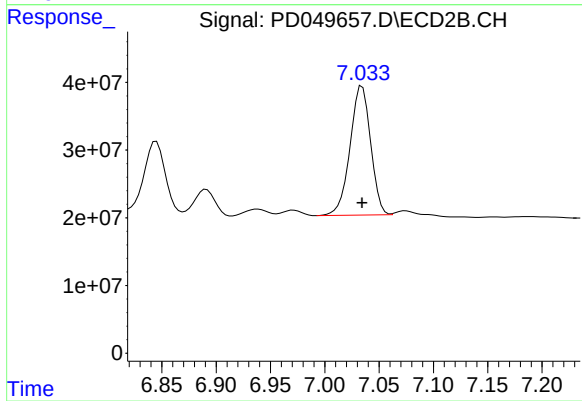
#26 Chlordane-4

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 1277274545  
Conc: 500.00 ng/ml



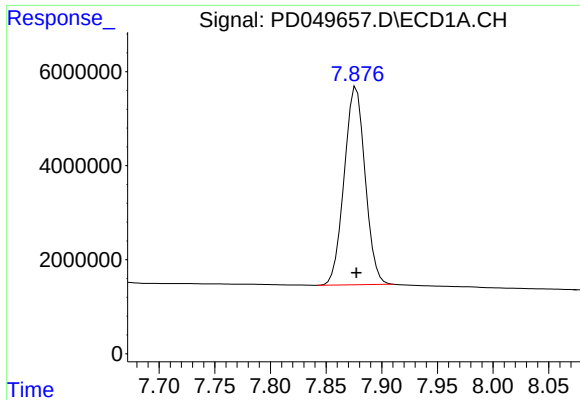
#27 Chlordane-5

R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 27169723  
Conc: 500.00 ng/ml



#27 Chlordane-5

R.T.: 7.034 min  
Delta R.T.: 0.000 min  
Response: 251758469  
Conc: 500.00 ng/ml



#28 Decachlorobiphenyl

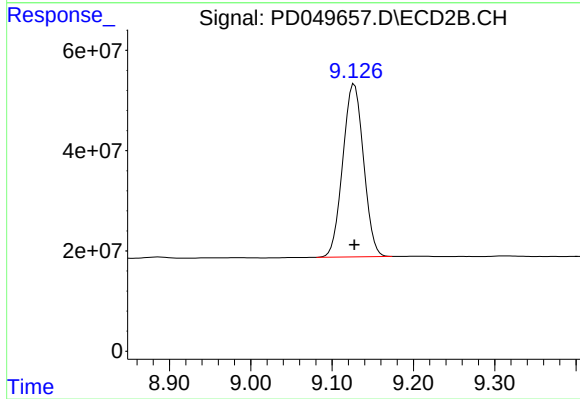
R.T.: 7.877 min

Delta R.T.: 0.000 min

Response: 55073463

Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.127 min

Delta R.T.: 0.000 min

Response: 610392908

Conc: 50.00 ng/ml