

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020819\  
 Data File : PD051281.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Feb 2019 19:45  
 Operator : AJ\SJ  
 Sample : PB116942BSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB116942BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 00:57:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD020819.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 09 00:01:26 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... | 3.224 | 4.044  | 25847310 | 579.8E6  | 18.691   | 19.924     |
| 28)                         | SA Decachlor... | 7.826 | 9.157  | 23067815 | 355.0E6  | 20.092   | 20.097     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.645 | 4.437  | 115.2E6  | 2027.2E6 | 54.756   | 49.269     |
| 3)                          | MA gamma-BHC... | 3.913 | 4.724  | 110.9E6  | 1865.3E6 | 52.008   | 49.120     |
| 4)                          | MA Heptachlor   | 4.191 | 5.237  | 112.4E6  | 1860.3E6 | 54.186   | 50.103     |
| 5)                          | MB Aldrin       | 4.423 | 5.544  | 110.2E6  | 1731.3E6 | 54.834   | 49.807     |
| 6)                          | B beta-BHC      | 4.158 | 4.893  | 45475177 | 822.4E6  | 52.177   | 48.800     |
| 7)                          | B delta-BHC     | 4.347 | 5.113  | 94288795 | 1514.0E6 | 54.710   | 58.454     |
| 8)                          | B Heptachlor... | 4.851 | 5.932  | 106.9E6  | 1543.6E6 | 54.159   | 50.687     |
| 9)                          | A Endosulfan I  | 5.172 | 6.291  | 101.8E6  | 1418.2E6 | 53.979   | 49.133     |
| 10)                         | B gamma-Chl...  | 5.068 | 6.167  | 111.3E6  | 1581.4E6 | 54.101   | 49.229     |
| 11)                         | B alpha-Chl...  | 5.124 | 6.240  | 109.7E6  | 1523.1E6 | 53.881   | 48.965     |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.396  | 105.7E6  | 1473.4E6 | 54.997   | 49.009     |
| 13)                         | MA Dieldrin     | 5.408 | 6.549  | 112.9E6  | 1480.8E6 | 54.395   | 48.730     |
| 14)                         | MA Endrin       | 5.655 | 6.768  | 100.7E6  | 1189.6E6 | 51.357   | 46.181     |
| 15)                         | B Endosulfa...  | 5.925 | 6.977  | 100.1E6  | 1231.9E6 | 52.937   | 48.738     |
| 16)                         | A 4,4'-DDD      | 5.796 | 6.888  | 87504230 | 1146.3E6 | 54.631   | 48.217     |
| 17)                         | MA 4,4'-DDT     | 6.027 | 7.188  | 88794150 | 1038.6E6 | 54.817   | 49.366     |
| 18)                         | B Endrin al...  | 6.092 | 7.101  | 81710797 | 1026.2E6 | 53.871   | 48.299     |
| 19)                         | B Endosulfa...  | 6.300 | 7.325  | 83551986 | 1068.6E6 | 52.620   | 47.755     |
| 20)                         | A Methoxychlor  | 6.573 | 7.647  | 44901695 | 537.2E6  | 50.519   | 48.203     |
| 21)                         | B Endrin ke...  | 6.775 | 7.799  | 102.6E6  | 1112.1E6 | 53.490   | 48.738     |
| 24)                         | Chlordane-2     | 0.000 | 5.544f | 0        | 1731.3E6 | N.D.     | 1281.640 # |
| 25)                         | Chlordane-3     | 5.068 | 6.167  | 111.3E6  | 1581.4E6 | 468.077  | 360.689    |
| 26)                         | Chlordane-4     | 5.124 | 6.240  | 109.7E6  | 1523.1E6 | 476.884  | 303.553 #  |
| 27)                         | Chlordane-5     | 5.925 | 0.000  | 100.1E6  | 0        | 1325.020 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

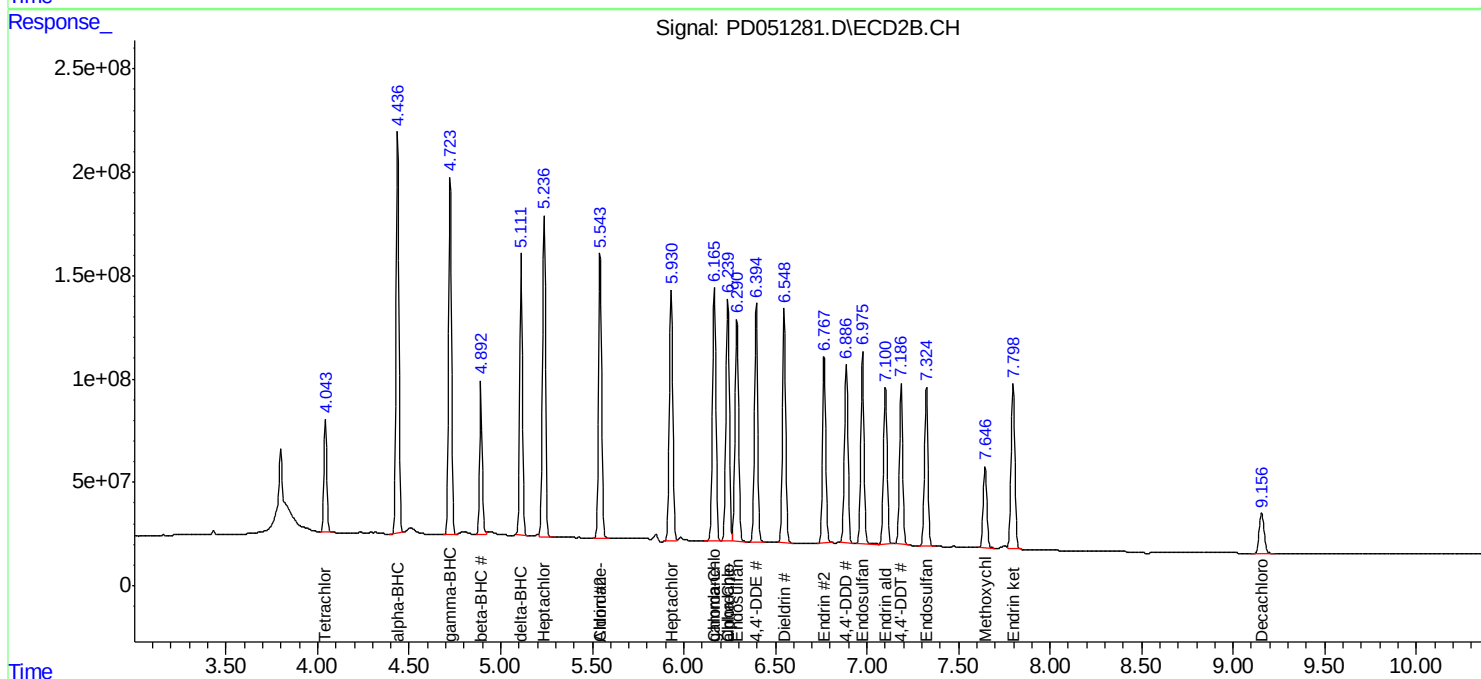
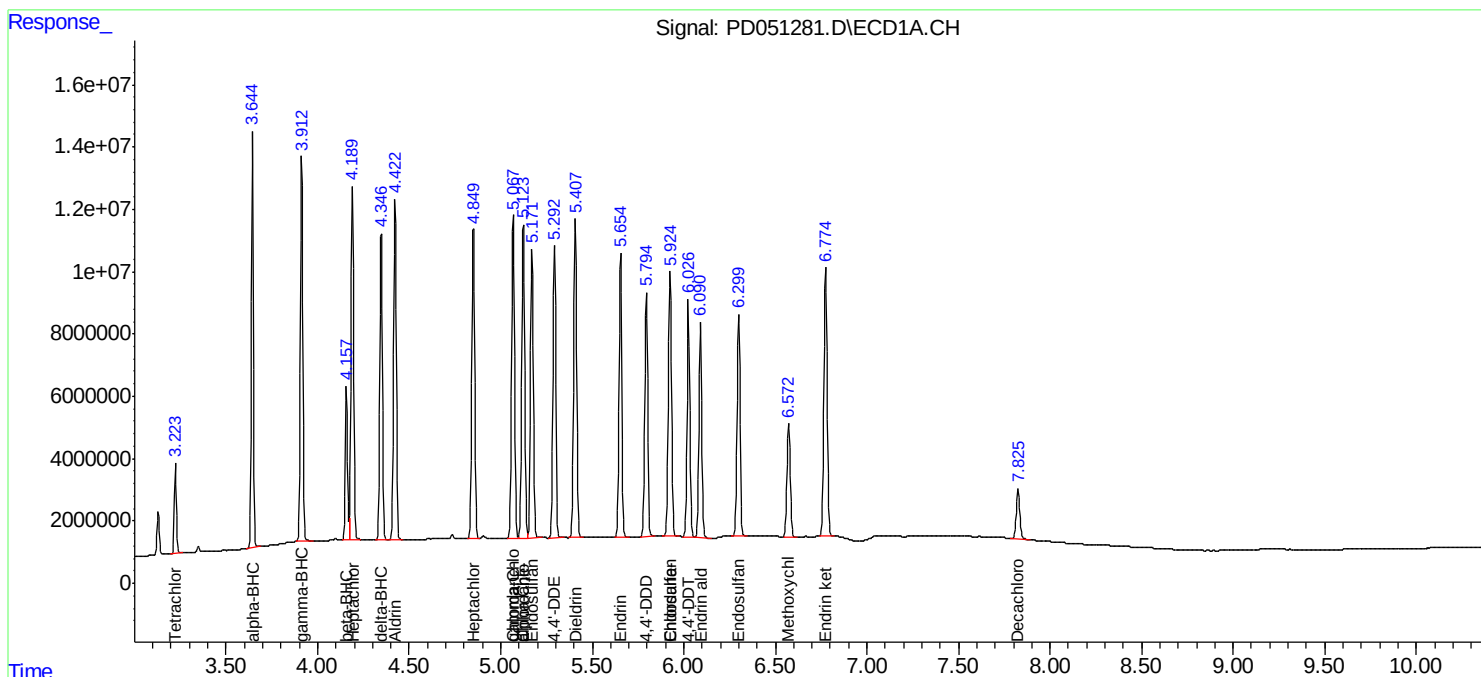
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

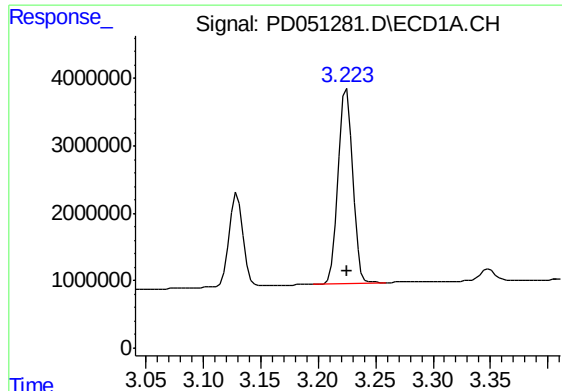
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020819\  
Data File : PD051281.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Feb 2019 19:45  
Operator : AJ\SJ  
Sample : PB116942BSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 09 00:57:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD020819.M  
Quant Title : GC Extractables  
QLast Update : Sat Feb 09 00:01:26 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

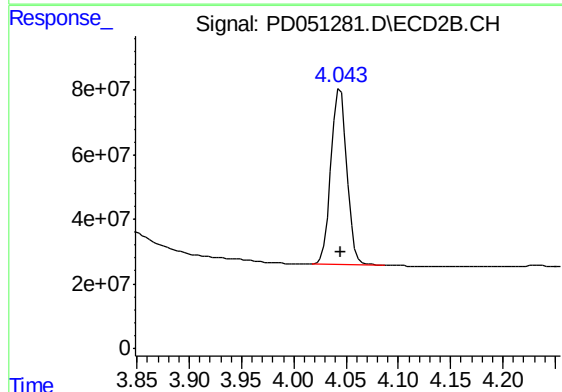




#1 Tetrachloro-m-xylene

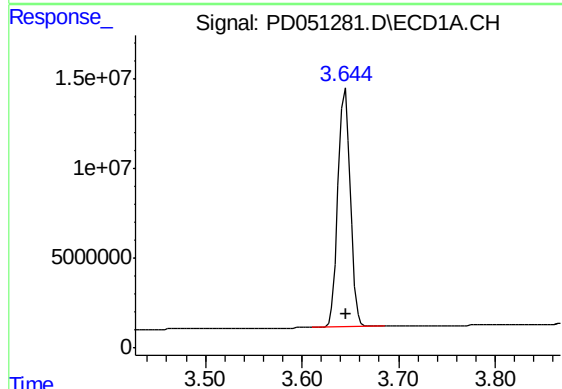
R.T.: 3.224 min  
Delta R.T.: 0.000 min  
Response: 25847310  
Conc: 18.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



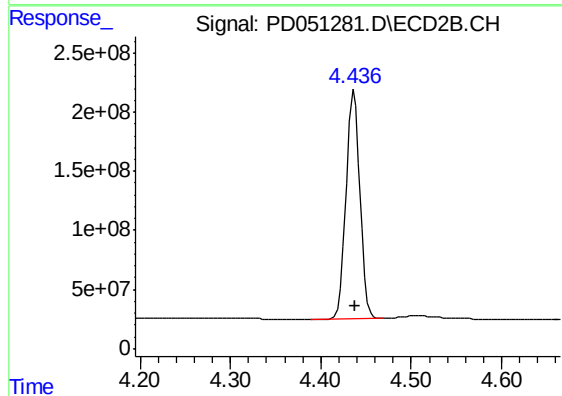
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 579796154  
Conc: 19.92 ng/ml



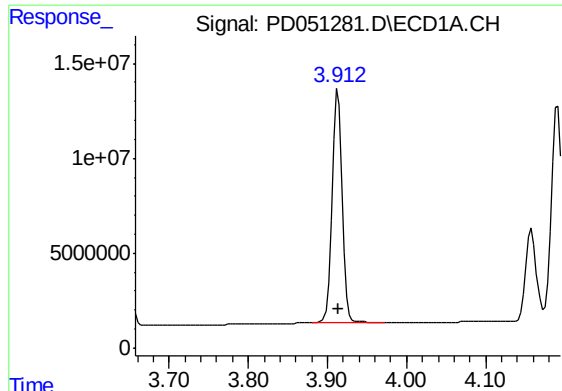
#2 alpha-BHC

R.T.: 3.645 min  
Delta R.T.: 0.000 min  
Response: 115235069  
Conc: 54.76 ng/ml



#2 alpha-BHC

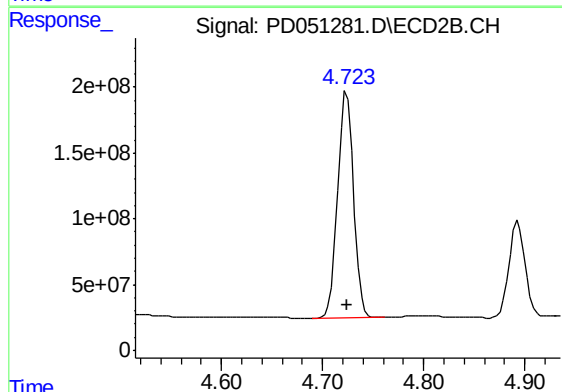
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 2027181335  
Conc: 49.27 ng/ml



#3 gamma-BHC (Lindane)

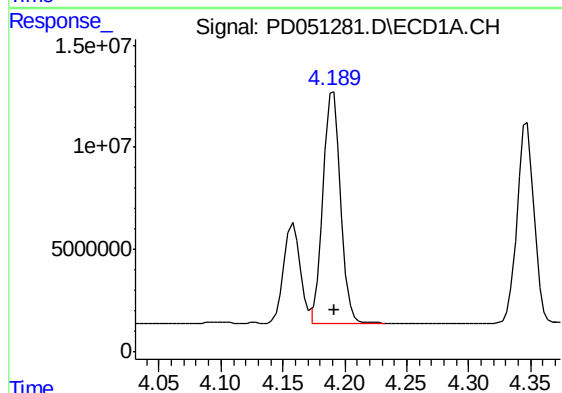
R.T.: 3.913 min  
Delta R.T.: 0.000 min  
Response: 110878710  
Conc: 52.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



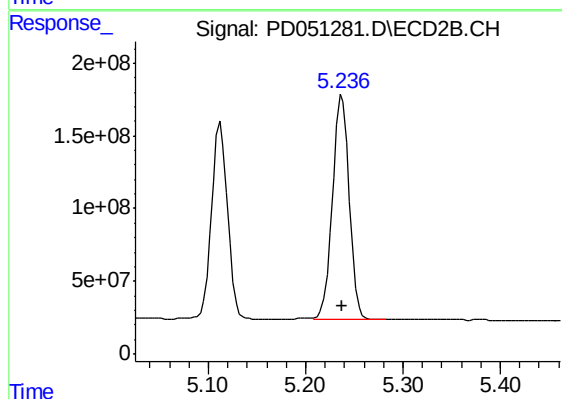
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 1865260283  
Conc: 49.12 ng/ml



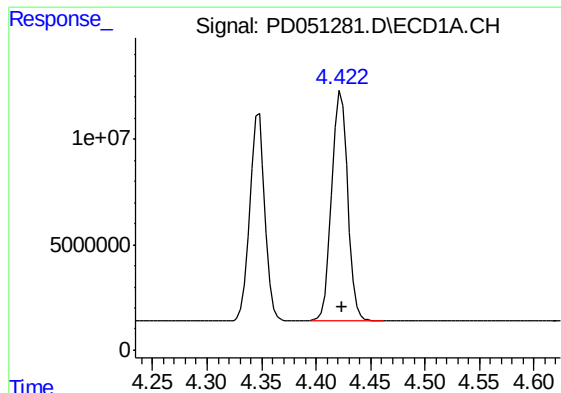
#4 Heptachlor

R.T.: 4.191 min  
Delta R.T.: -0.001 min  
Response: 112446672  
Conc: 54.19 ng/ml



#4 Heptachlor

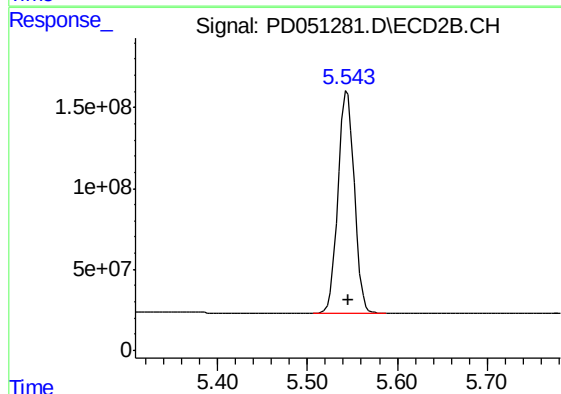
R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 1860284091  
Conc: 50.10 ng/ml



#5 Aldrin

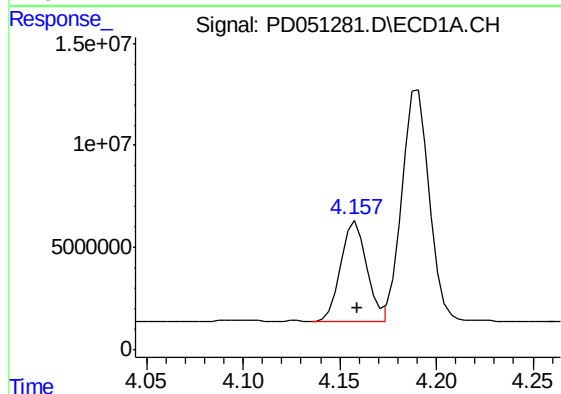
R.T.: 4.423 min  
Delta R.T.: 0.000 min  
Response: 110179183  
Conc: 54.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



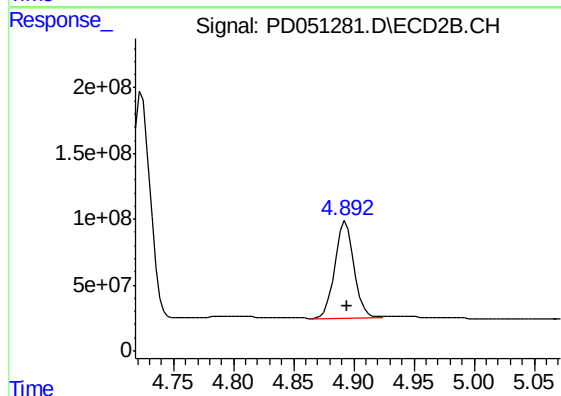
#5 Aldrin

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 1731296536  
Conc: 49.81 ng/ml



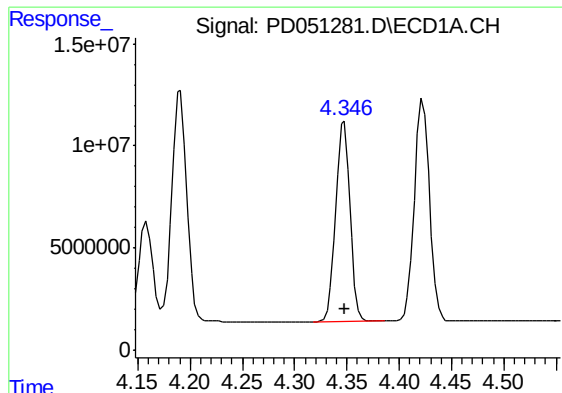
#6 beta-BHC

R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 45475177  
Conc: 52.18 ng/ml



#6 beta-BHC

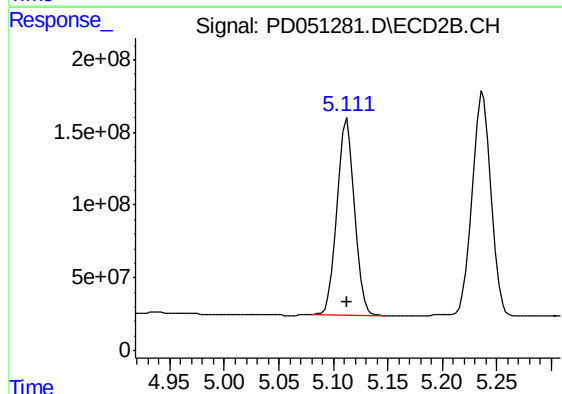
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 822440418  
Conc: 48.80 ng/ml



#7 delta-BHC

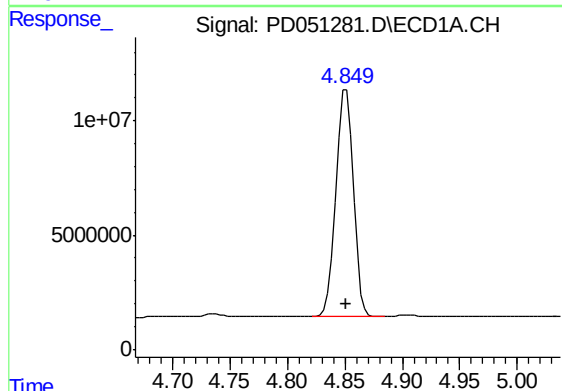
R.T.: 4.347 min  
Delta R.T.: 0.000 min  
Response: 94288795  
Conc: 54.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



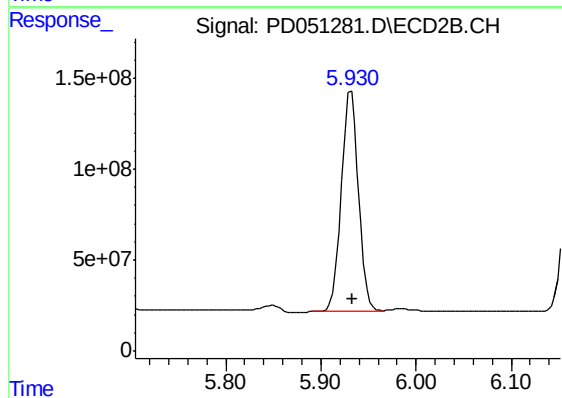
#7 delta-BHC

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 1514030611  
Conc: 58.45 ng/ml



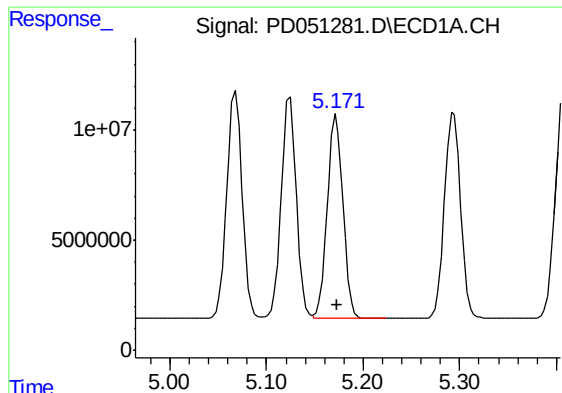
#8 Heptachlor epoxide

R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 106850177  
Conc: 54.16 ng/ml



#8 Heptachlor epoxide

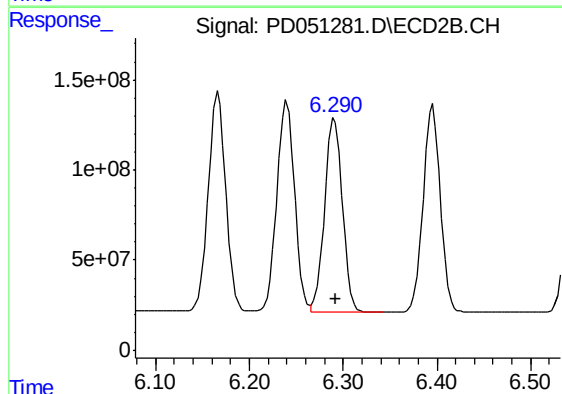
R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 1543636164  
Conc: 50.69 ng/ml



#9 Endosulfan I

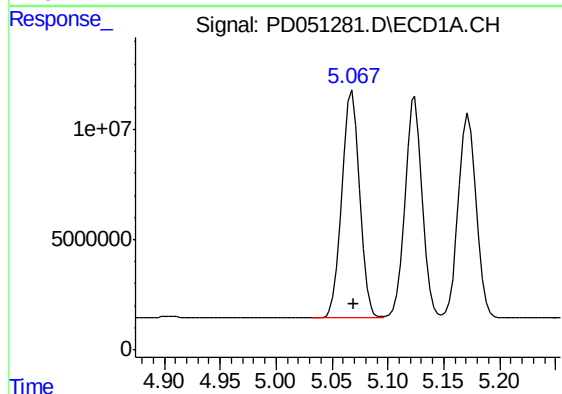
R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 101764209  
Conc: 53.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



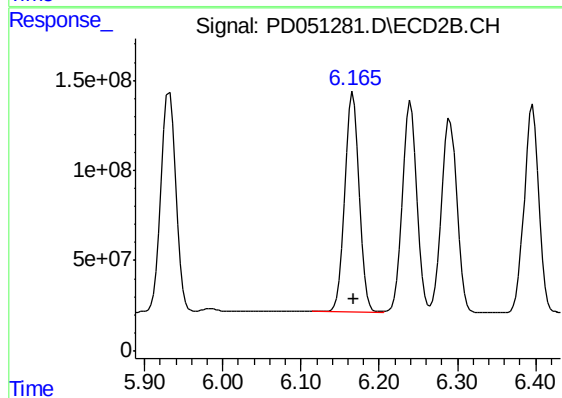
#9 Endosulfan I

R.T.: 6.291 min  
Delta R.T.: -0.001 min  
Response: 1418244487  
Conc: 49.13 ng/ml



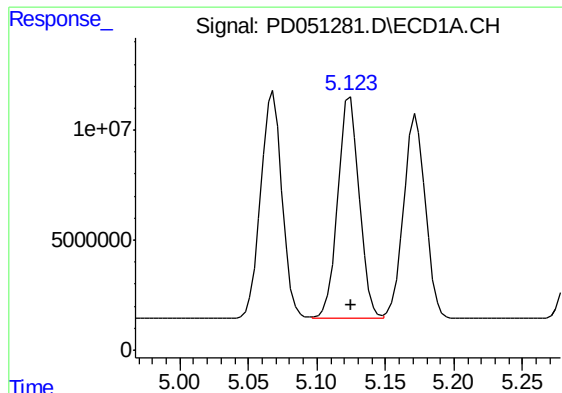
#10 gamma-Chlordane

R.T.: 5.068 min  
Delta R.T.: 0.000 min  
Response: 111258874  
Conc: 54.10 ng/ml



#10 gamma-Chlordane

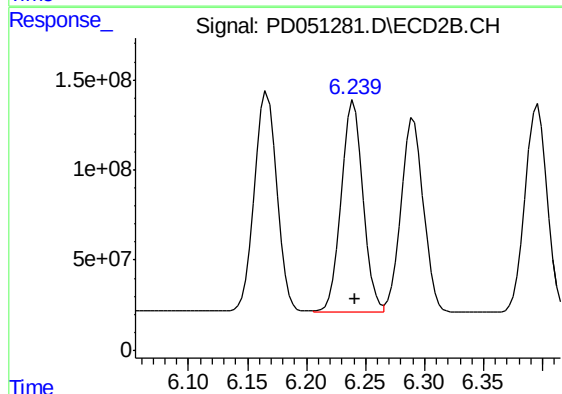
R.T.: 6.167 min  
Delta R.T.: -0.001 min  
Response: 1581372244  
Conc: 49.23 ng/ml



#11 alpha-Chlordane

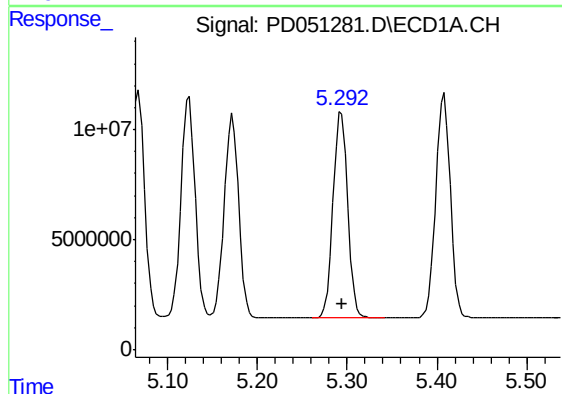
R.T.: 5.124 min  
Delta R.T.: -0.001 min  
Response: 109743986  
Conc: 53.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



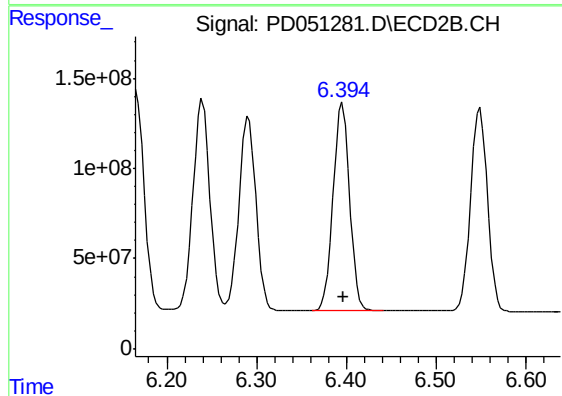
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 1523054675  
Conc: 48.96 ng/ml



#12 4,4'-DDE

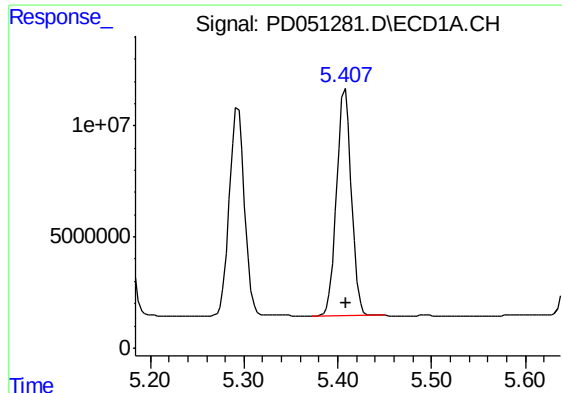
R.T.: 5.294 min  
Delta R.T.: -0.001 min  
Response: 105685547  
Conc: 55.00 ng/ml



#12 4,4'-DDE

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 1473425538  
Conc: 49.01 ng/ml

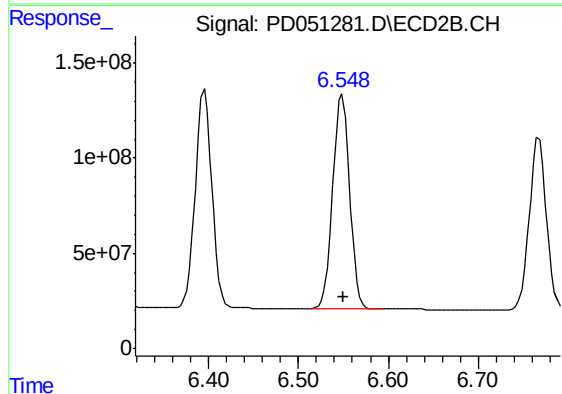




#13 Dielddrin

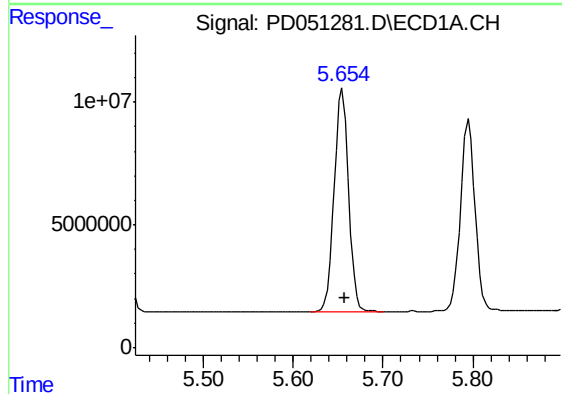
R.T.: 5.408 min  
Delta R.T.: 0.000 min  
Response: 112947773  
Conc: 54.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



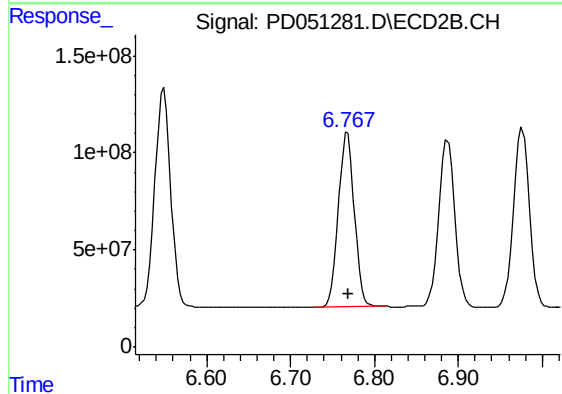
#13 Dielddrin

R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 1480829646  
Conc: 48.73 ng/ml



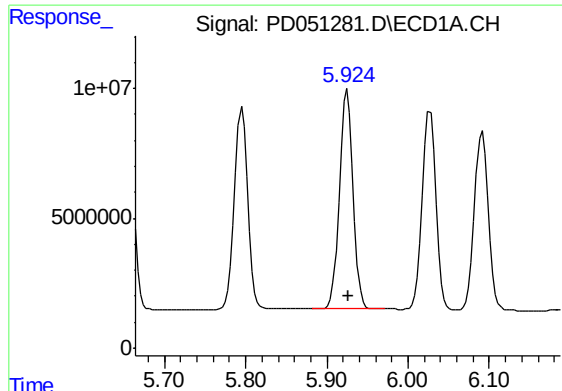
#14 Endrin

R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 100722778  
Conc: 51.36 ng/ml



#14 Endrin

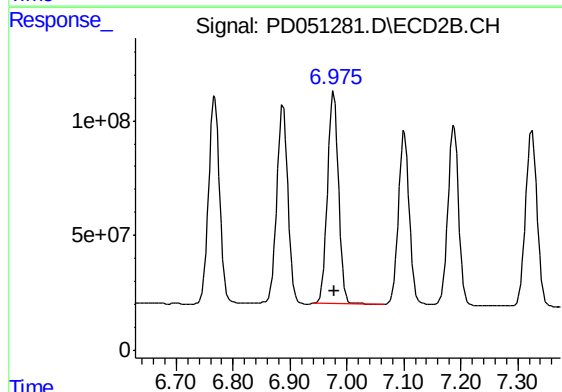
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 1189606400  
Conc: 46.18 ng/ml



#15 Endosulfan II

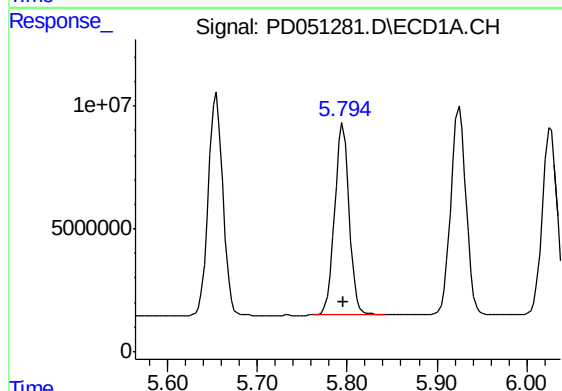
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 100058928  
Conc: 52.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



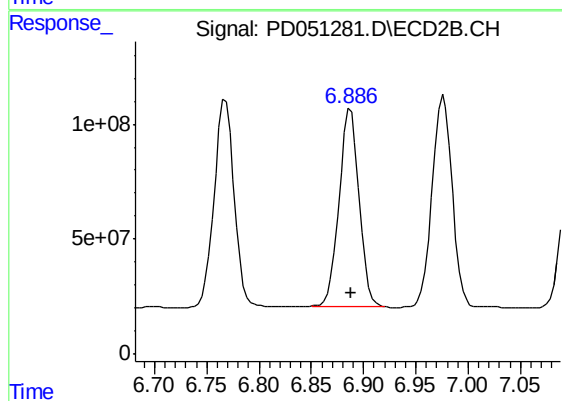
#15 Endosulfan II

R.T.: 6.977 min  
Delta R.T.: -0.001 min  
Response: 1231920980  
Conc: 48.74 ng/ml



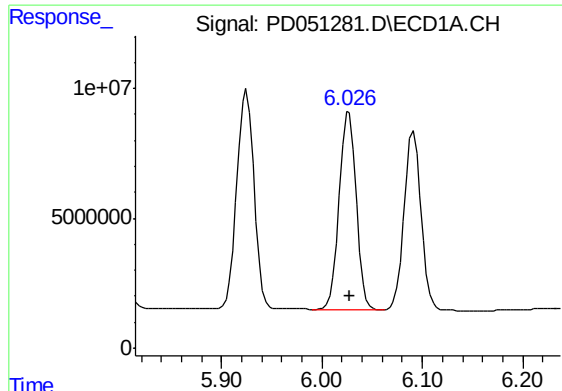
#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 87504230  
Conc: 54.63 ng/ml



#16 4,4'-DDD

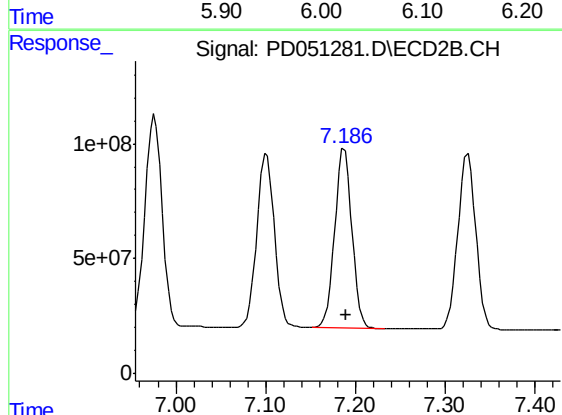
R.T.: 6.888 min  
Delta R.T.: 0.000 min  
Response: 1146294089  
Conc: 48.22 ng/ml



#17 4,4'-DDT

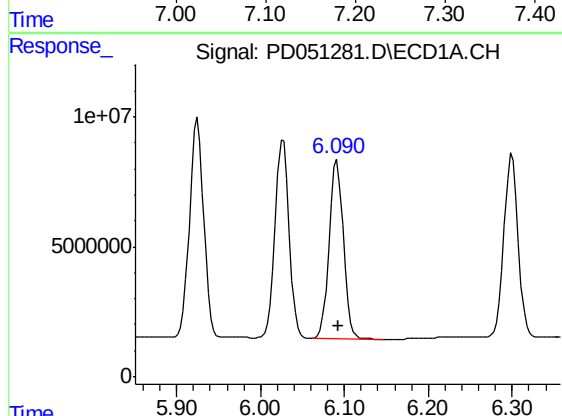
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 88794150  
Conc: 54.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



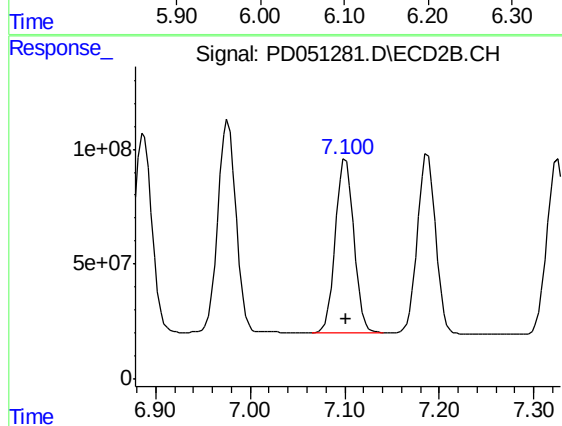
#17 4,4'-DDT

R.T.: 7.188 min  
Delta R.T.: -0.001 min  
Response: 1038613697  
Conc: 49.37 ng/ml



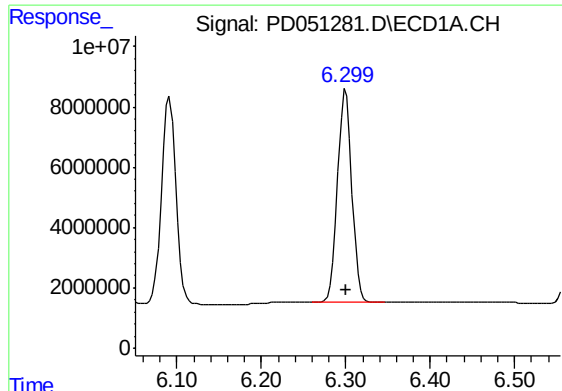
#18 Endrin aldehyde

R.T.: 6.092 min  
Delta R.T.: -0.001 min  
Response: 81710797  
Conc: 53.87 ng/ml



#18 Endrin aldehyde

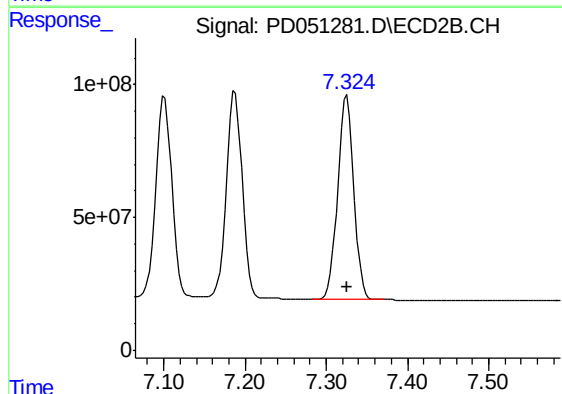
R.T.: 7.101 min  
Delta R.T.: 0.000 min  
Response: 1026185219  
Conc: 48.30 ng/ml



#19 Endosulfan Sulfate

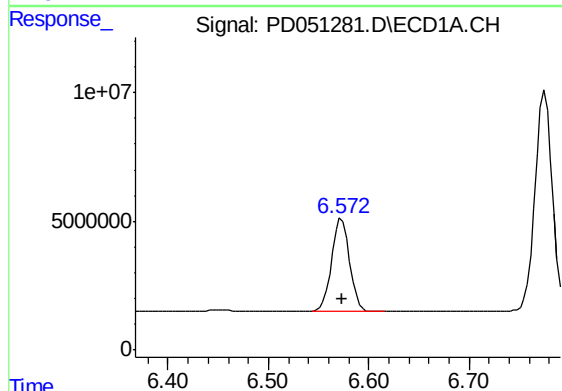
R.T.: 6.300 min  
Delta R.T.: 0.000 min  
Response: 83551986  
Conc: 52.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



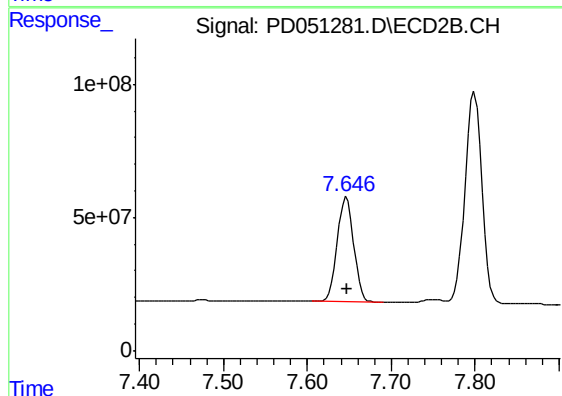
#19 Endosulfan Sulfate

R.T.: 7.325 min  
Delta R.T.: 0.000 min  
Response: 1068641067  
Conc: 47.75 ng/ml



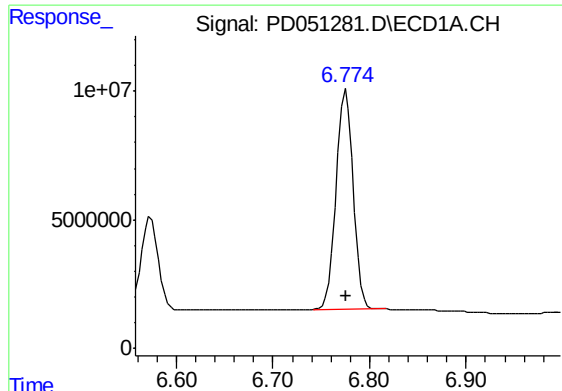
#20 Methoxychlor

R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 44901695  
Conc: 50.52 ng/ml



#20 Methoxychlor

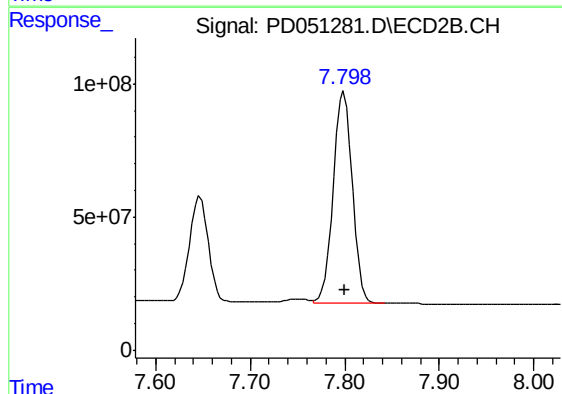
R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 537169120  
Conc: 48.20 ng/ml



#21 Endrin ketone

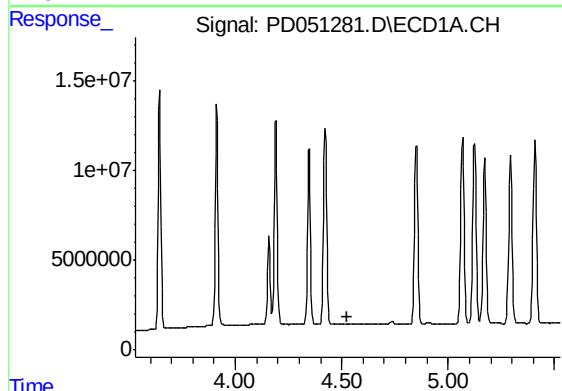
R.T.: 6.775 min  
Delta R.T.: 0.000 min  
Response: 102644131  
Conc: 53.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



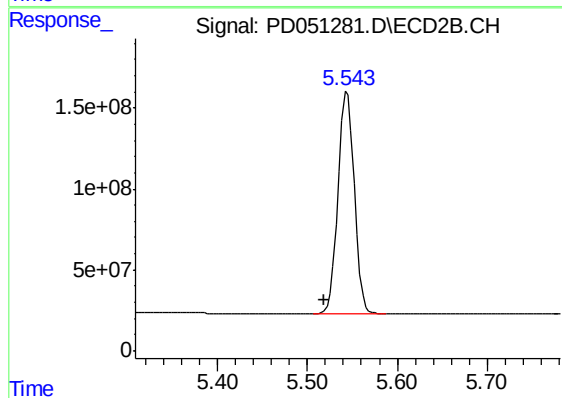
#21 Endrin ketone

R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 1112061061  
Conc: 48.74 ng/ml



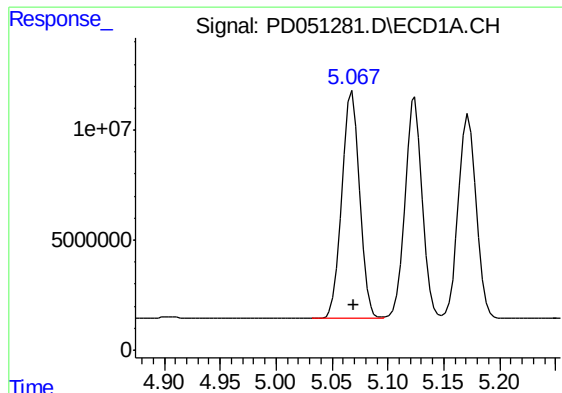
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.528 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

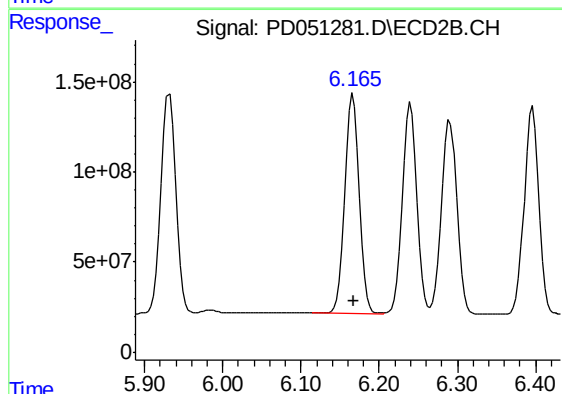
R.T.: 5.544 min  
Delta R.T.: 0.026 min  
Response: 1731296536  
Conc: 1281.64 ng/ml



#25 Chlordane-3

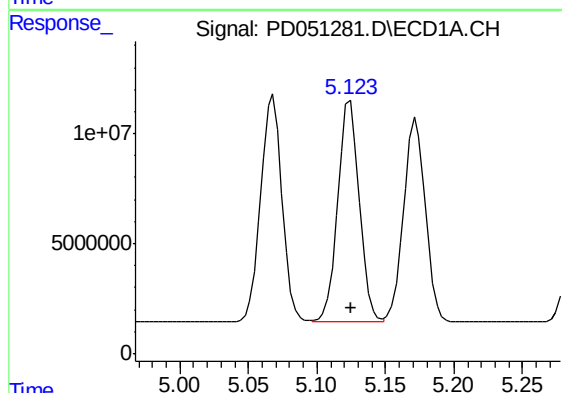
R.T.: 5.068 min  
Delta R.T.: -0.001 min  
Response: 111258874  
Conc: 468.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



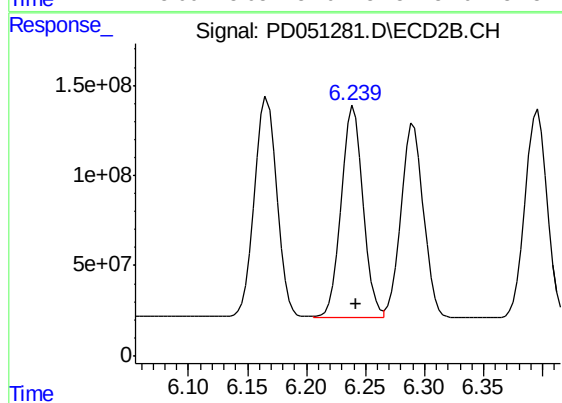
#25 Chlordane-3

R.T.: 6.167 min  
Delta R.T.: -0.001 min  
Response: 1581372244  
Conc: 360.69 ng/ml



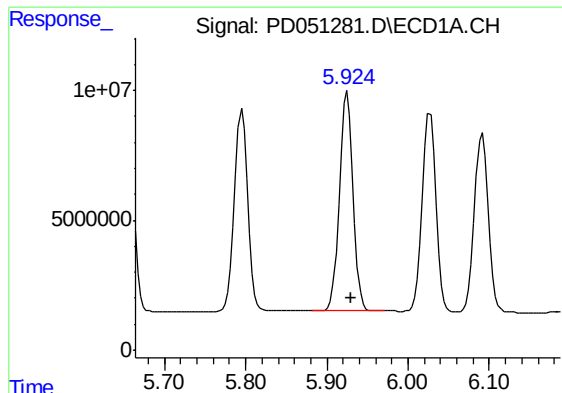
#26 Chlordane-4

R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 109743986  
Conc: 476.88 ng/ml



#26 Chlordane-4

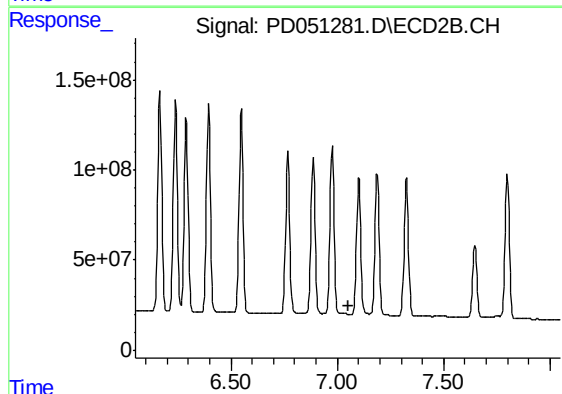
R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 1523054675  
Conc: 303.55 ng/ml



#27 Chlordane-5

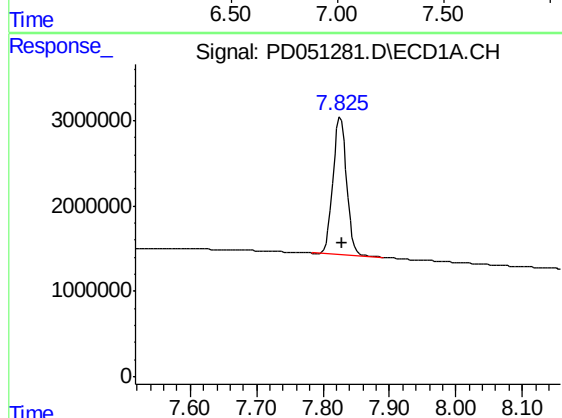
R.T.: 5.925 min  
Delta R.T.: -0.005 min  
Response: 100058928  
Conc: 1325.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB116942BSD



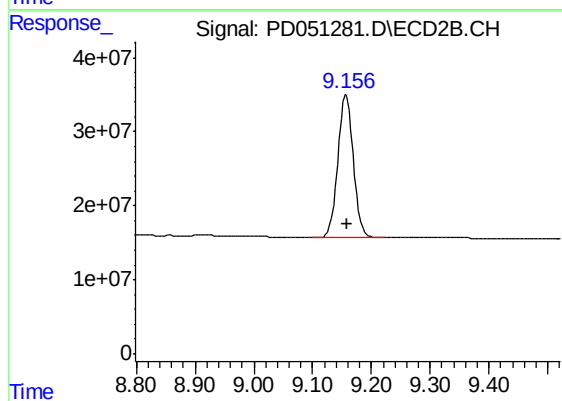
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.051 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.826 min  
Delta R.T.: -0.002 min  
Response: 23067815  
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: -0.001 min  
Response: 354952610  
Conc: 20.10 ng/ml