

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011019\  
 Data File : PD050961.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Jan 2019 19:41  
 Operator : AJ\SJ  
 Sample : K1087-01MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 03:57:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 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... | 3.227 | 4.047 | 27923490 | 591.1E6  | 18.695   | 19.862     |
| 2)                          | SA Decachlor... | 7.833 | 9.164 | 20496048 | 280.9E6  | 16.887   | 14.078     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.648 | 4.440 | 119.2E6  | 1977.3E6 | 49.520   | 43.390     |
| 3)                          | MA gamma-BHC... | 3.916 | 4.727 | 114.4E6  | 1830.9E6 | 48.504   | 44.050     |
| 4)                          | MA Heptachlor   | 4.194 | 5.241 | 116.3E6  | 1750.9E6 | 48.556   | 42.915     |
| 5)                          | MB Aldrin       | 4.427 | 5.549 | 117.5E6  | 1546.0E6 | 49.521   | 39.495     |
| 6)                          | B beta-BHC      | 4.162 | 4.896 | 45952341 | 804.4E6  | 48.528   | 44.451     |
| 7)                          | B delta-BHC     | 4.351 | 5.116 | 93385188 | 1323.8E6 | 41.480   | 34.069     |
| 8)                          | B Heptachlo...  | 4.855 | 5.936 | 110.5E6  | 1342.1E6 | 49.155   | 38.490     |
| 9)                          | A Endosulfan I  | 5.177 | 6.295 | 100.9E6  | 1166.1E6 | 47.339   | 37.060     |
| 10)                         | B gamma-Chl...  | 5.073 | 6.171 | 115.3E6  | 1331.9E6 | 49.206   | 38.347     |
| 11)                         | B alpha-Chl...  | 5.128 | 6.244 | 113.1E6  | 1290.9E6 | 48.958   | 38.087     |
| 12)                         | B 4,4'-DDE      | 5.298 | 6.400 | 109.3E6  | 1256.8E6 | 50.632   | 38.122     |
| 13)                         | MA Dieldrin     | 5.412 | 6.553 | 114.0E6  | 1232.5E6 | 48.668   | 36.948     |
| 14)                         | MA Endrin       | 5.660 | 6.773 | 98488504 | 981.7E6  | 44.969   | 34.857     |
| 15)                         | B Endosulfa...  | 5.930 | 6.981 | 89732223 | 944.3E6  | 44.876   | 34.499     |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.892 | 84641643 | 921.0E6  | 47.936   | 35.101 #   |
| 17)                         | MA 4,4'-DDT     | 6.031 | 7.192 | 87603450 | 854.8E6  | 46.558   | 35.814     |
| 18)                         | B Endrin al...  | 6.096 | 7.106 | 65398436 | 727.7E6  | 40.509   | 31.930     |
| 19)                         | B Endosulfa...  | 6.305 | 7.330 | 70361208 | 780.8E6  | 35.920   | 28.922     |
| 20)                         | A Methoxychlor  | 6.579 | 7.651 | 40497667 | 400.7E6  | 42.375   | 32.912     |
| 21)                         | B Endrin ke...  | 6.780 | 7.804 | 90110838 | 822.3E6  | 42.336   | 32.347     |
| 23)                         | Chlordane-1     | 4.104 | 5.116 | 2162093  | 1323.8E6 | 31.675   | 889.702 #  |
| 24)                         | Chlordane-2     | 4.514 | 5.549 | 263749   | 1546.0E6 | 3.318    | 1152.314 # |
| 25)                         | Chlordane-3     | 5.073 | 6.171 | 115.3E6  | 1331.9E6 | 463.502  | 306.903 #  |
| 26)                         | Chlordane-4     | 5.128 | 6.244 | 113.1E6  | 1290.9E6 | 469.927  | 261.066 #  |
| 27)                         | Chlordane-5     | 5.930 | 7.106 | 89732223 | 727.7E6  | 1126.223 | 705.739 #  |
| -----                       |                 |       |       |          |          |          |            |

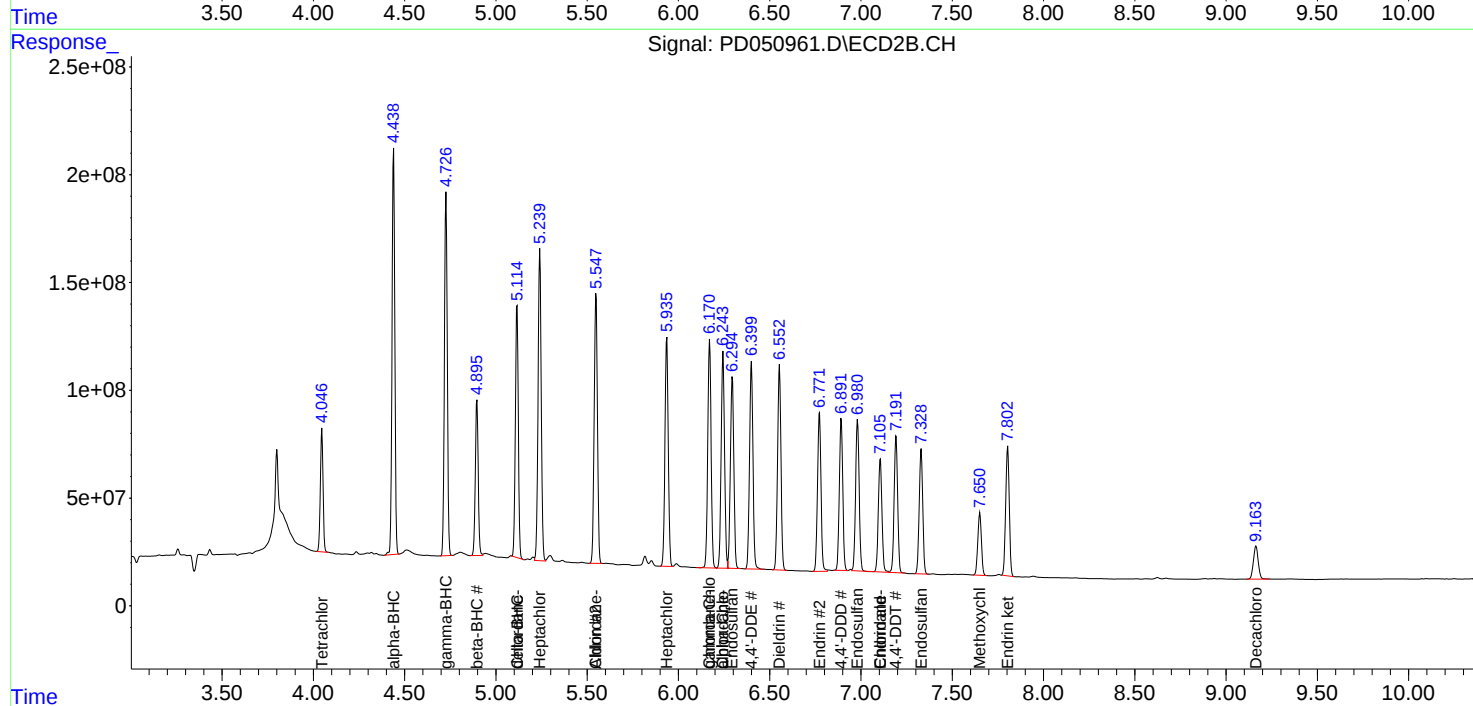
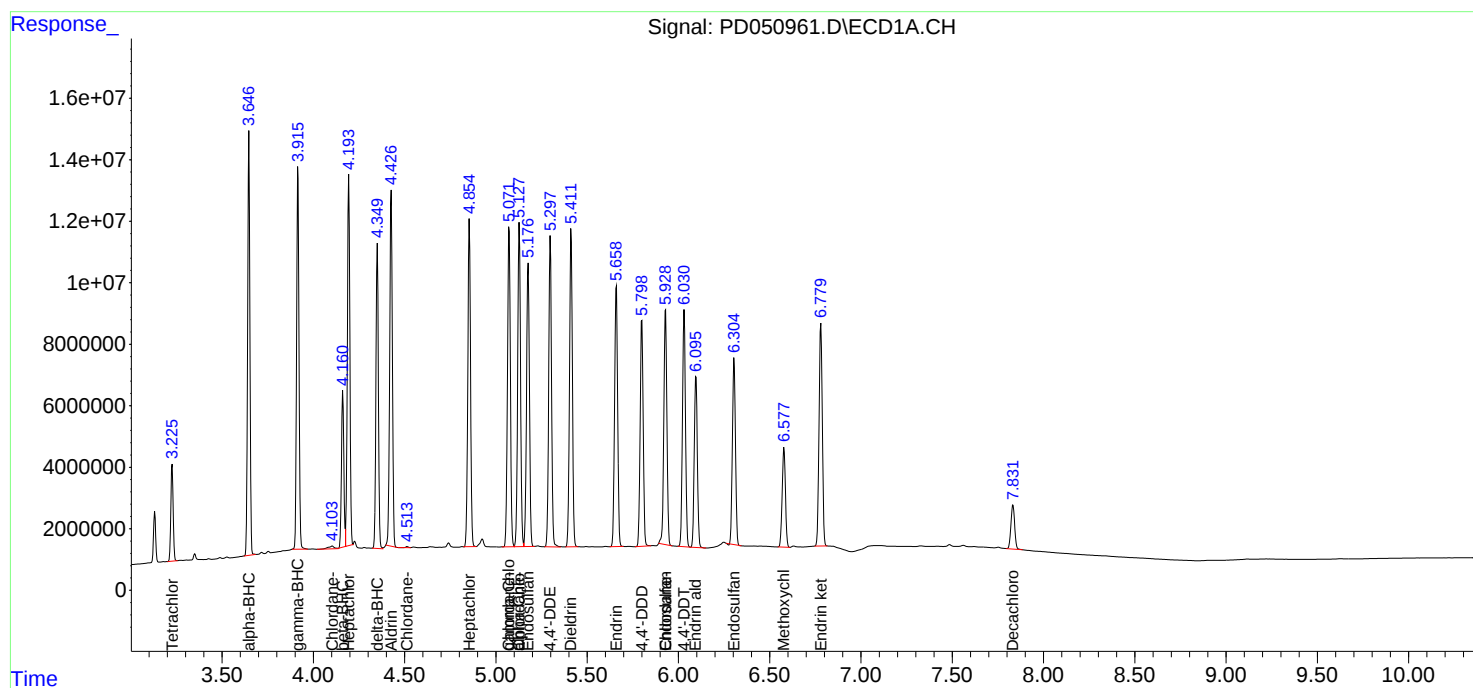
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

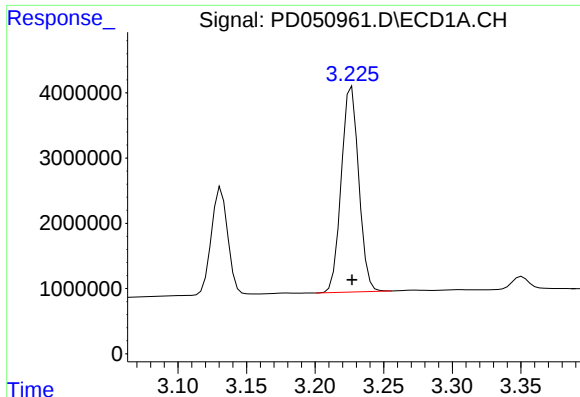
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011019\  
Data File : PD050961.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Jan 2019 19:41  
Operator : AJ\SJ  
Sample : K1087-01MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 03:57:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 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

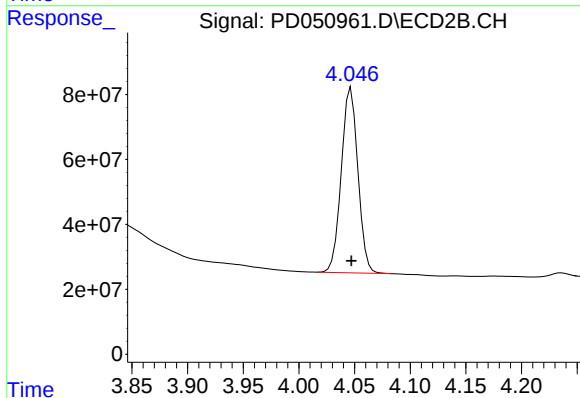




#1 Tetrachloro-m-xylene

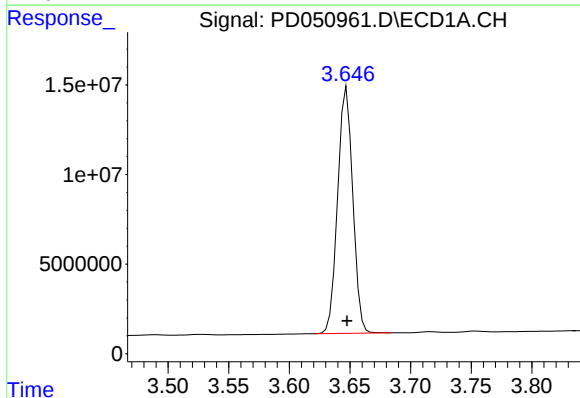
R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 27923490  
Conc: 18.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



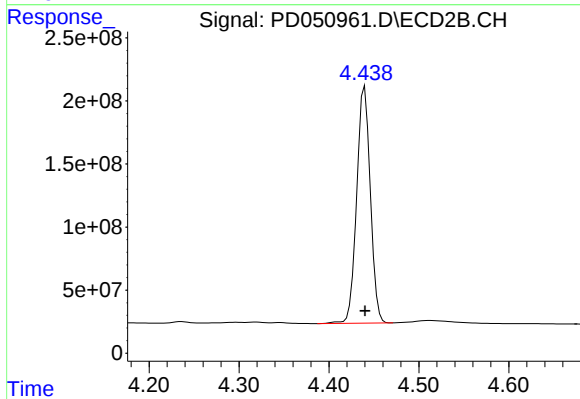
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 591110033  
Conc: 19.86 ng/ml



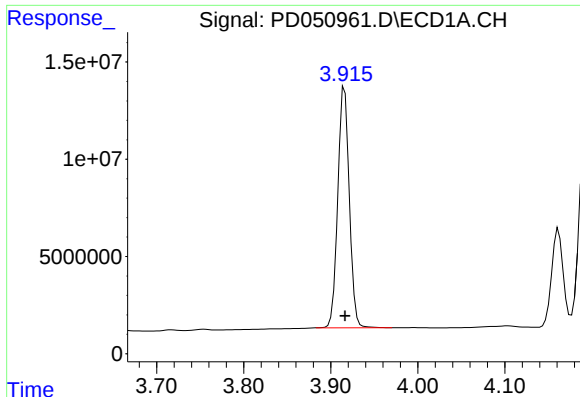
#2 alpha-BHC

R.T.: 3.648 min  
Delta R.T.: 0.000 min  
Response: 119192541  
Conc: 49.52 ng/ml



#2 alpha-BHC

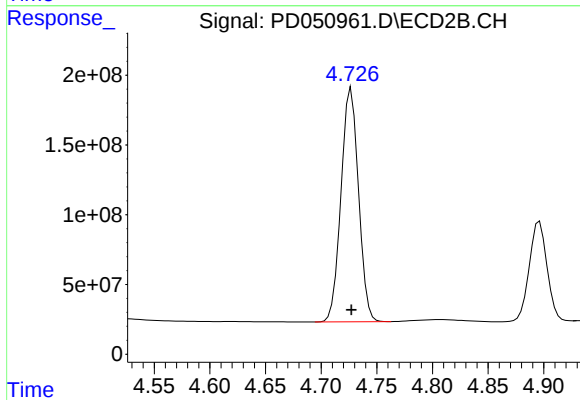
R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 1977316999  
Conc: 43.39 ng/ml



#3 gamma-BHC (Lindane)

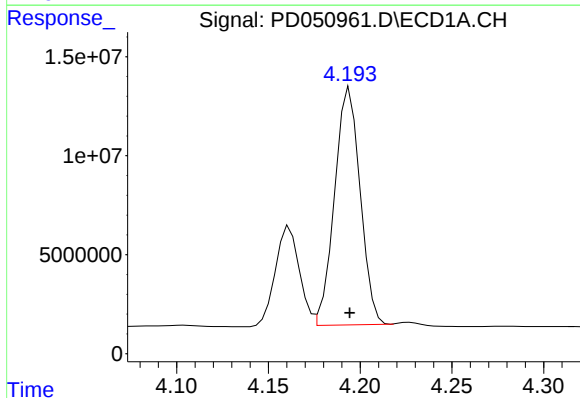
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 114393390  
Conc: 48.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



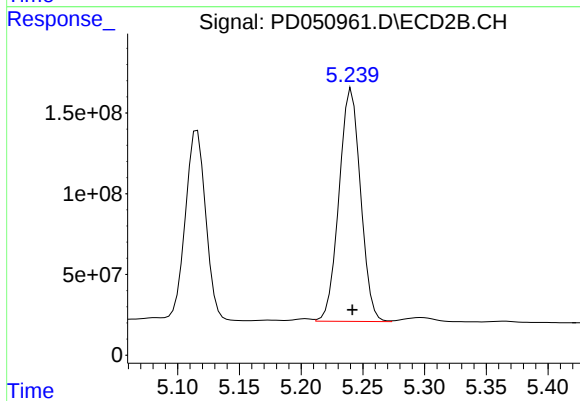
#3 gamma-BHC (Lindane)

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 1830925505  
Conc: 44.05 ng/ml



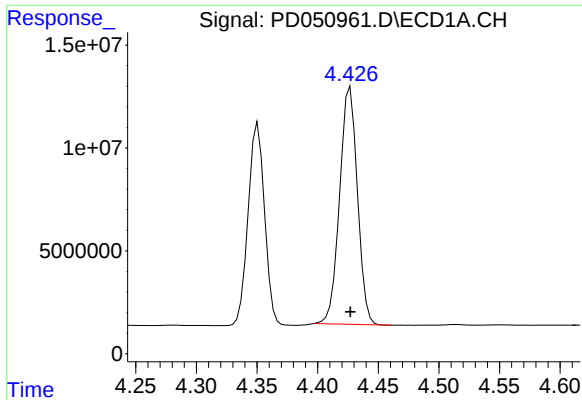
#4 Heptachlor

R.T.: 4.194 min  
Delta R.T.: 0.000 min  
Response: 116303874  
Conc: 48.56 ng/ml



#4 Heptachlor

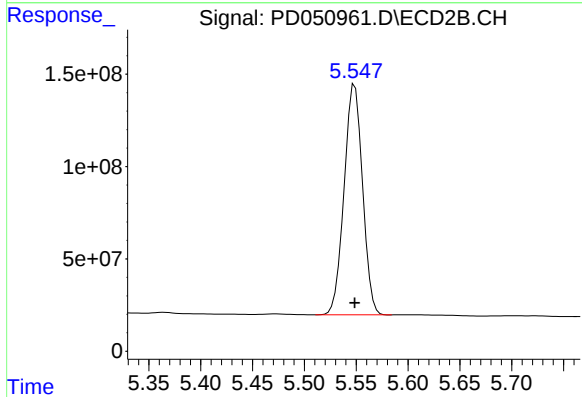
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 1750921600  
Conc: 42.92 ng/ml



#5 Aldrin

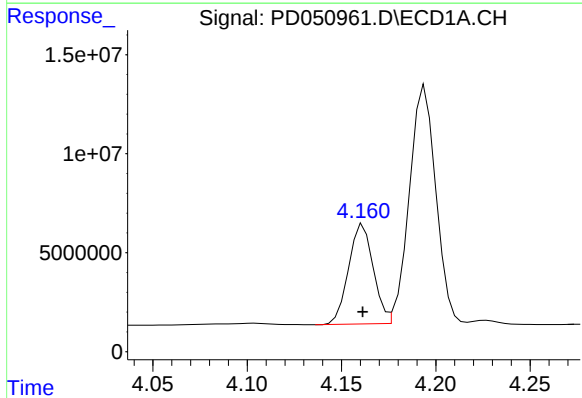
R.T.: 4.427 min  
Delta R.T.: 0.000 min  
Response: 117503775  
Conc: 49.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



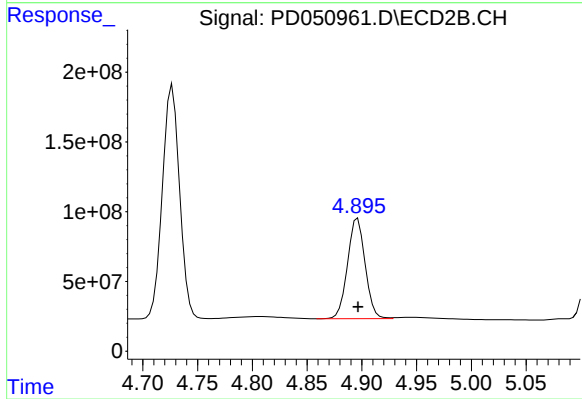
#5 Aldrin

R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 1546047748  
Conc: 39.49 ng/ml



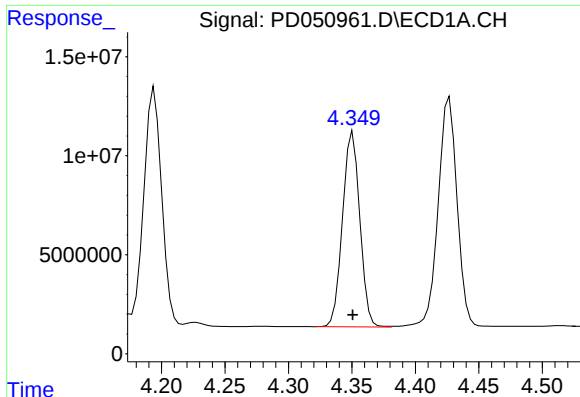
#6 beta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 45952341  
Conc: 48.53 ng/ml



#6 beta-BHC

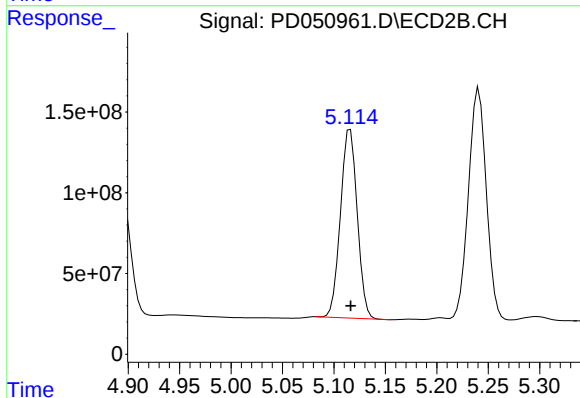
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 804362834  
Conc: 44.45 ng/ml



#7 delta-BHC

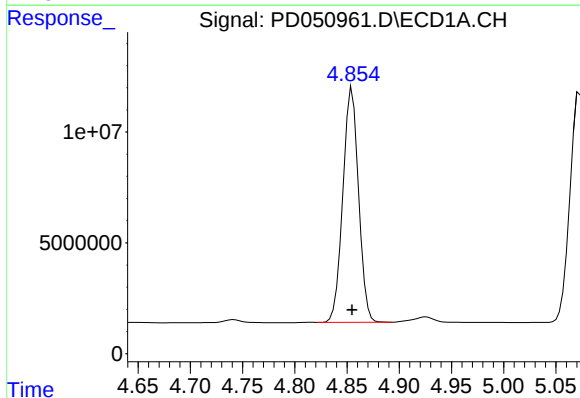
R.T.: 4.351 min  
Delta R.T.: 0.000 min  
Response: 93385188  
Conc: 41.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



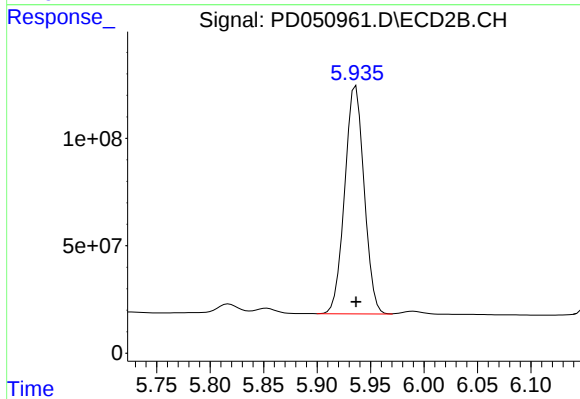
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 1323786909  
Conc: 34.07 ng/ml



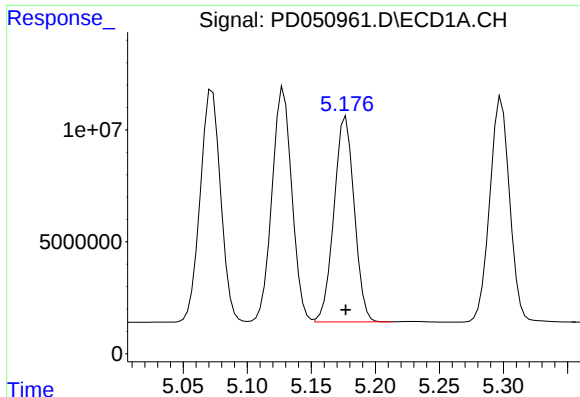
#8 Heptachlor epoxide

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 110478708  
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

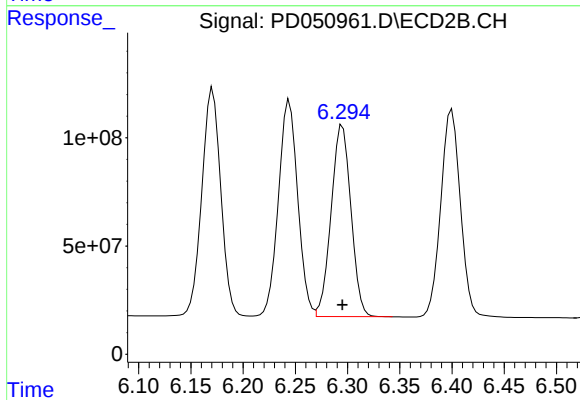
R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 1342056343  
Conc: 38.49 ng/ml



#9 Endosulfan I

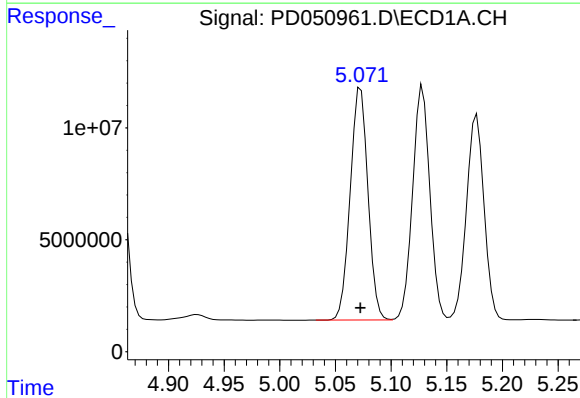
R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 100919785  
Conc: 47.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



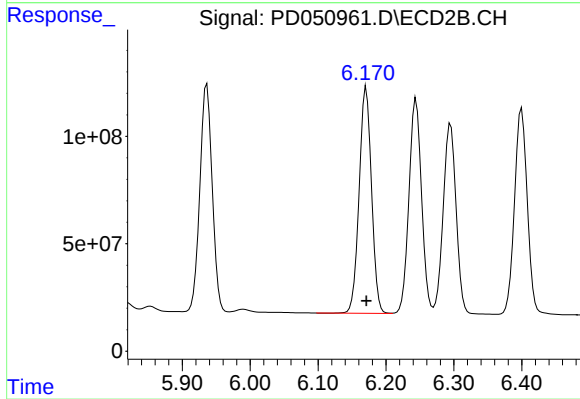
#9 Endosulfan I

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 1166146501  
Conc: 37.06 ng/ml



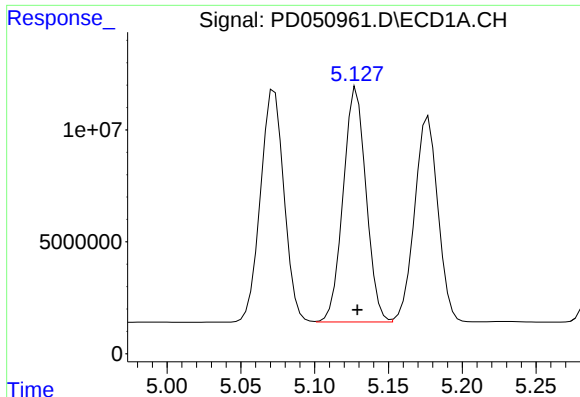
#10 gamma-Chlordane

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 115260698  
Conc: 49.21 ng/ml



#10 gamma-Chlordane

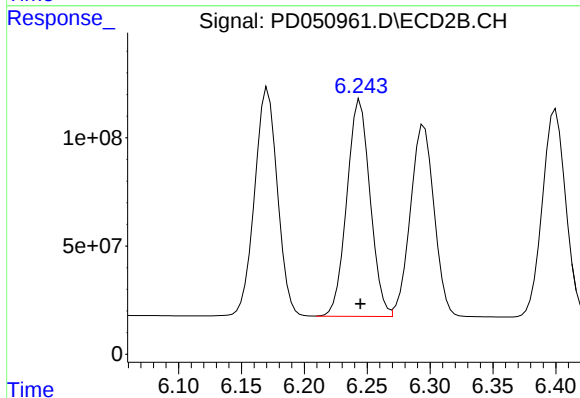
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 1331883268  
Conc: 38.35 ng/ml



#11 alpha-Chlordane

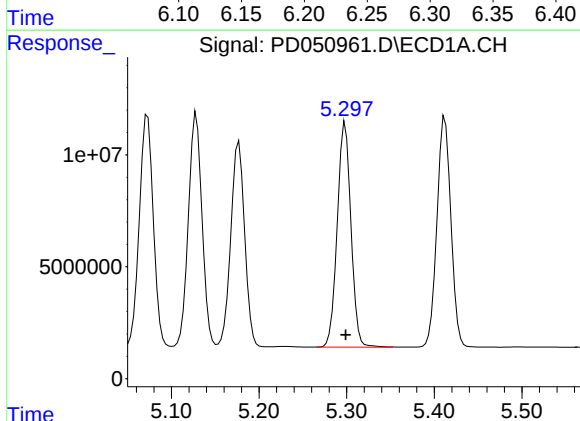
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 113103344  
Conc: 48.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



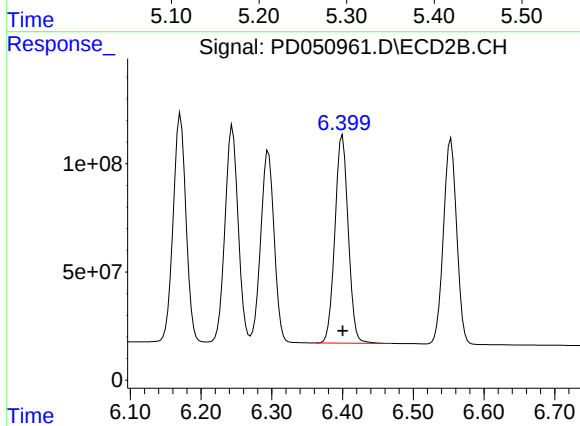
#11 alpha-Chlordane

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 1290948763  
Conc: 38.09 ng/ml



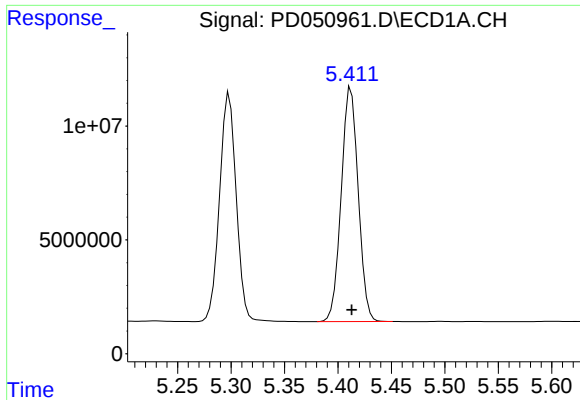
#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 109289641  
Conc: 50.63 ng/ml



#12 4,4'-DDE

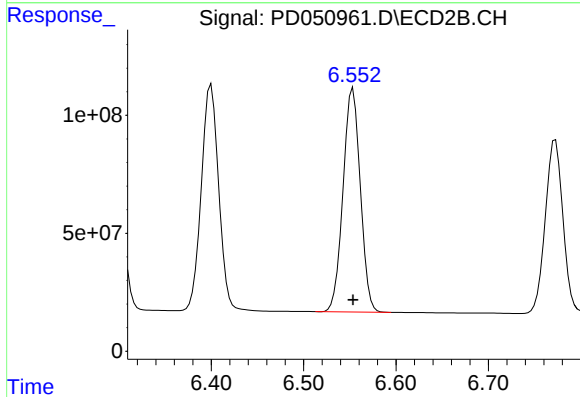
R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 1256808327  
Conc: 38.12 ng/ml



#13 Dieldrin

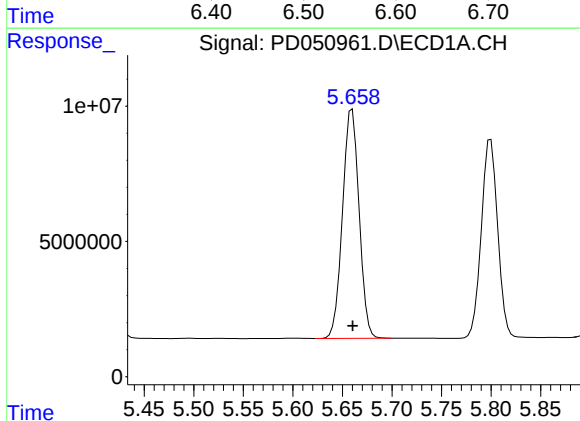
R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 113987754  
Conc: 48.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



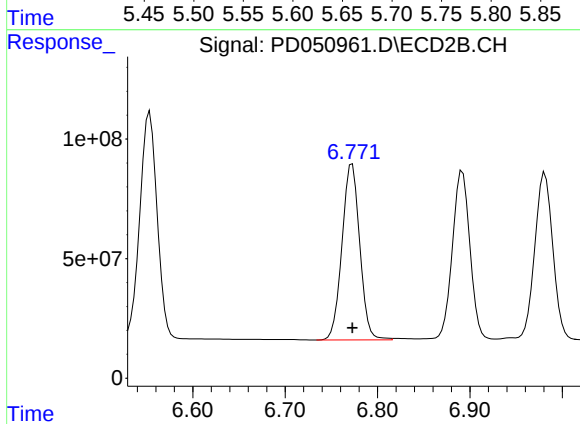
#13 Dieldrin

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 1232525408  
Conc: 36.95 ng/ml



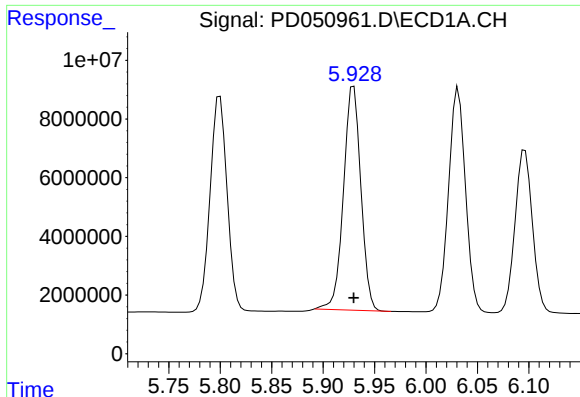
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 98488504  
Conc: 44.97 ng/ml



#14 Endrin

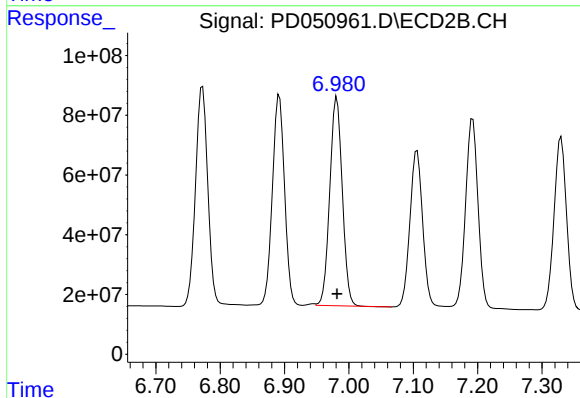
R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 981691833  
Conc: 34.86 ng/ml



#15 Endosulfan II

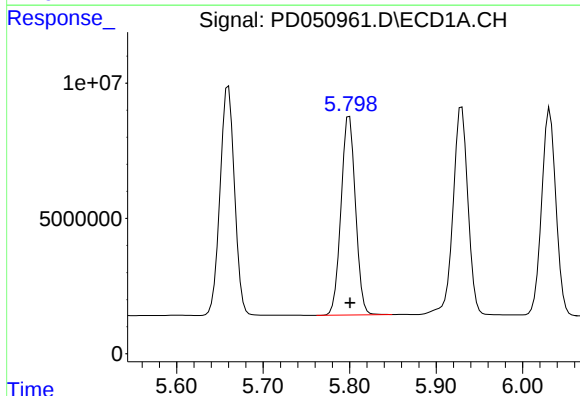
R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 89732223  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



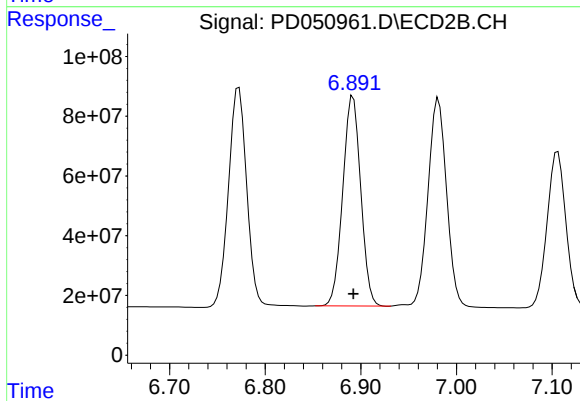
#15 Endosulfan II

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 944298217  
Conc: 34.50 ng/ml



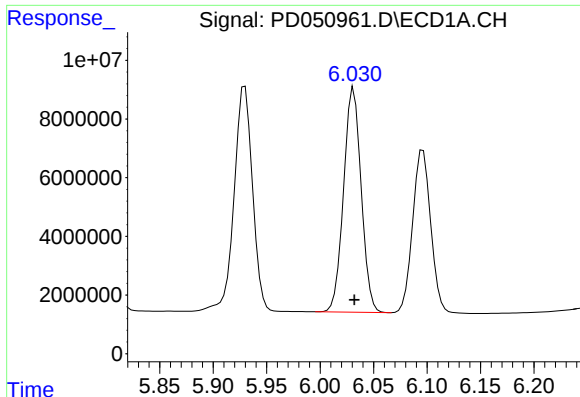
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 84641643  
Conc: 47.94 ng/ml



#16 4,4'-DDD

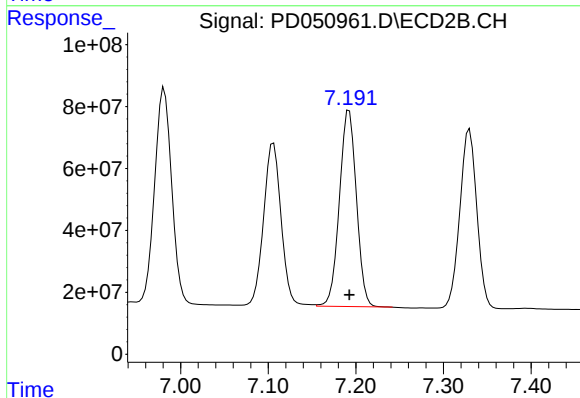
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 921031894  
Conc: 35.10 ng/ml



#17 4,4'-DDT

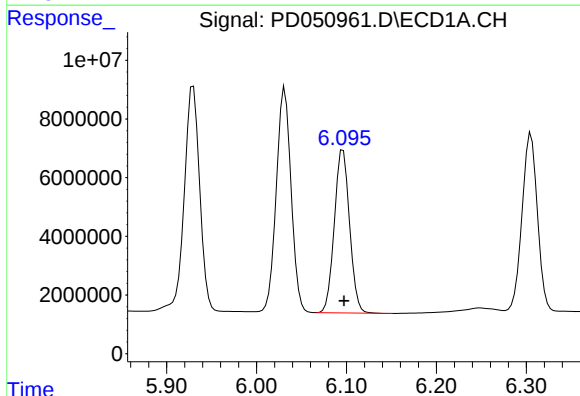
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 87603450  
Conc: 46.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



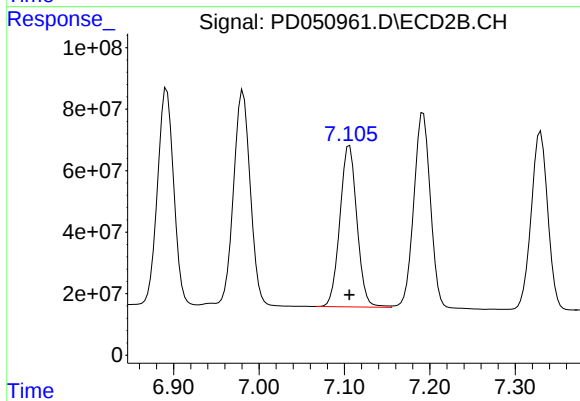
#17 4,4'-DDT

R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 854841506  
Conc: 35.81 ng/ml



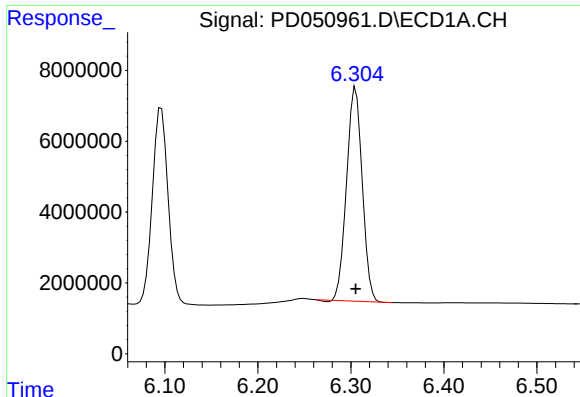
#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 65398436  
Conc: 40.51 ng/ml



#18 Endrin aldehyde

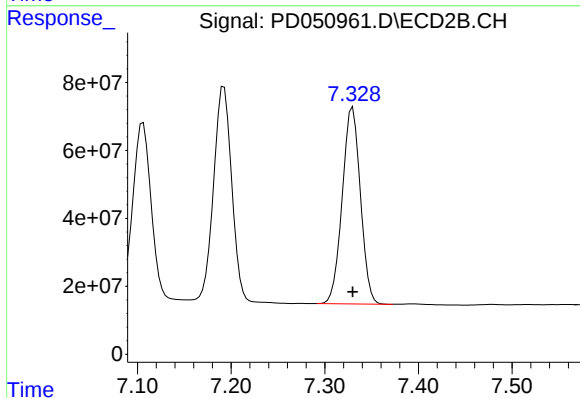
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 727723707  
Conc: 31.93 ng/ml



#19 Endosulfan Sulfate

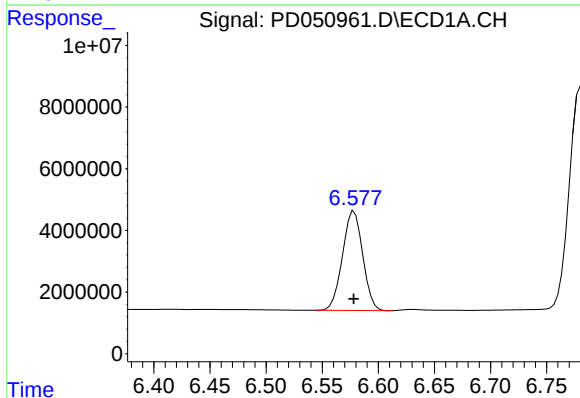
R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 70361208  
Conc: 35.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



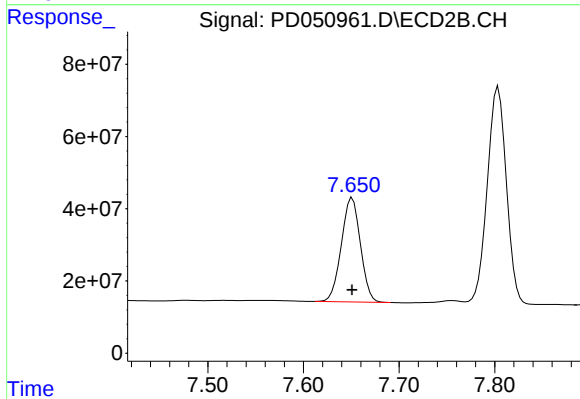
#19 Endosulfan Sulfate

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 780764426  
Conc: 28.92 ng/ml



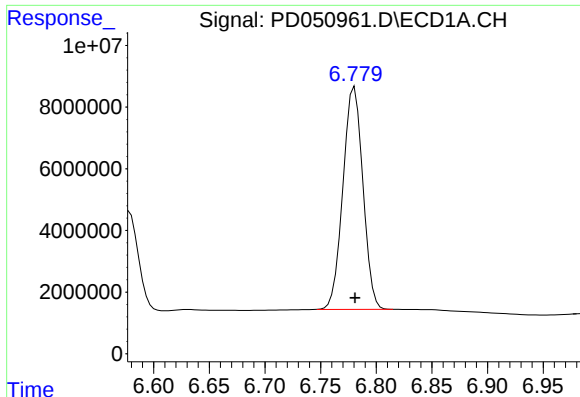
#20 Methoxychlor

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 40497667  
Conc: 42.37 ng/ml



#20 Methoxychlor

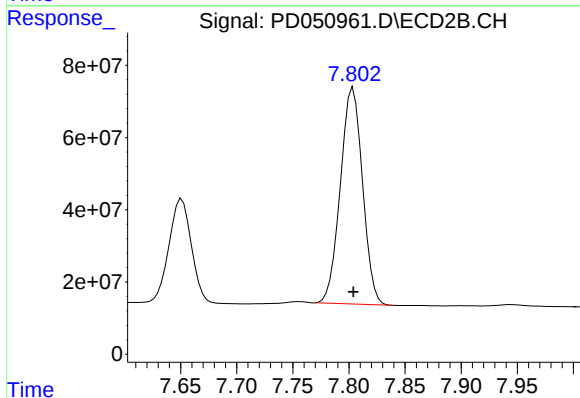
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 400651580  
Conc: 32.91 ng/ml



#21 Endrin ketone

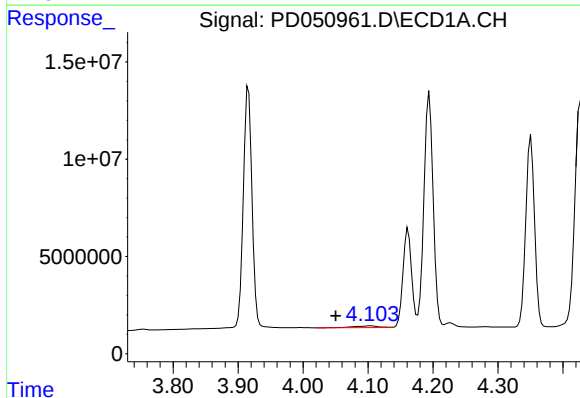
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 90110838  
Conc: 42.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



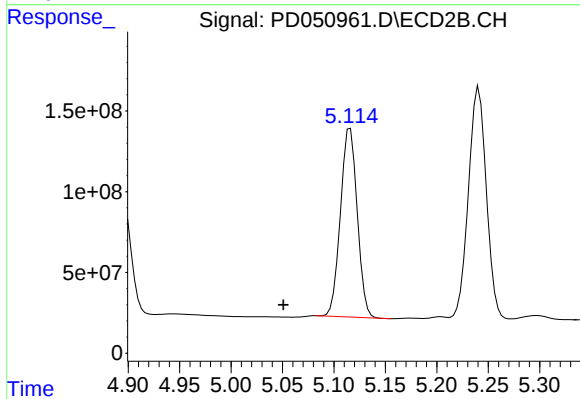
#21 Endrin ketone

R.T.: 7.804 min  
Delta R.T.: 0.000 min  
Response: 822320848  
Conc: 32.35 ng/ml



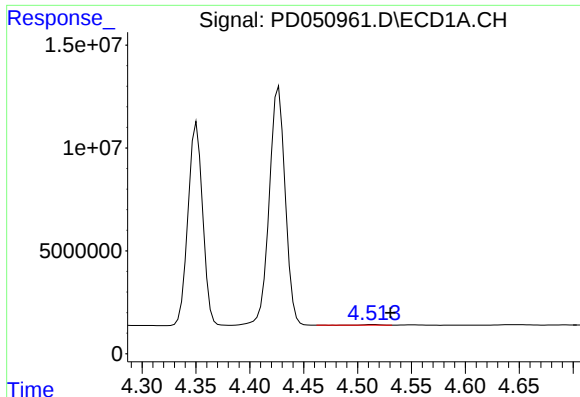
#23 Chlordane-1

R.T.: 4.104 min  
Delta R.T.: 0.054 min  
Response: 2162093  
Conc: 31.67 ng/ml



#23 Chlordane-1

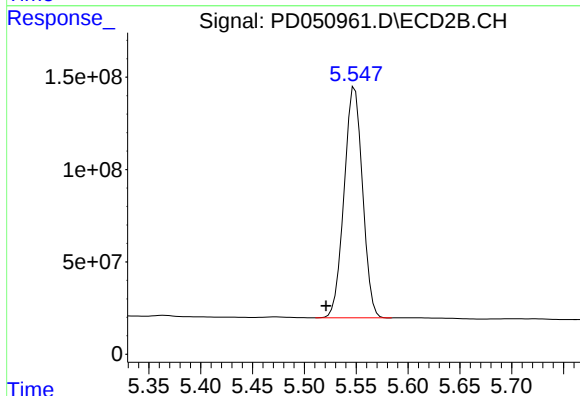
R.T.: 5.116 min  
Delta R.T.: 0.065 min  
Response: 1323786909  
Conc: 889.70 ng/ml



#24 Chlordane-2

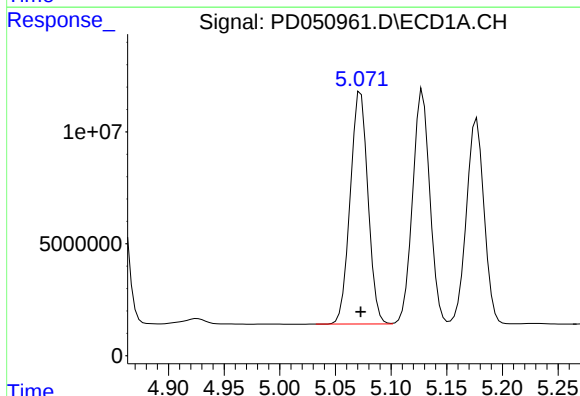
R.T.: 4.514 min  
Delta R.T.: -0.016 min  
Response: 263749  
Conc: 3.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



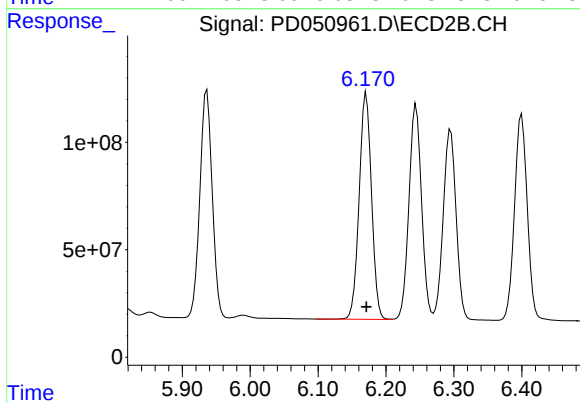
#24 Chlordane-2

R.T.: 5.549 min  
Delta R.T.: 0.028 min  
Response: 1546047748  
Conc: 1152.31 ng/ml



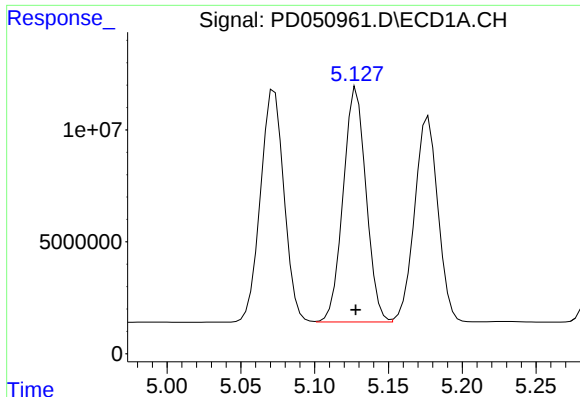
#25 Chlordane-3

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 115260698  
Conc: 463.50 ng/ml



#25 Chlordane-3

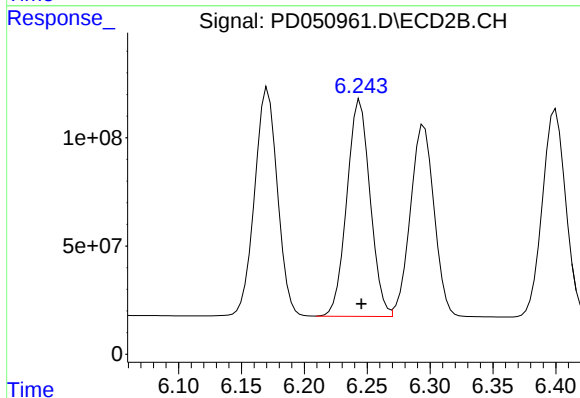
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 1331883268  
Conc: 306.90 ng/ml



#26 Chlordane-4

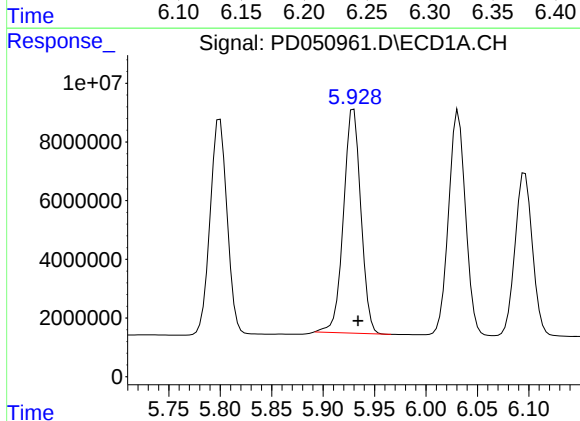
R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 113103344  
Conc: 469.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



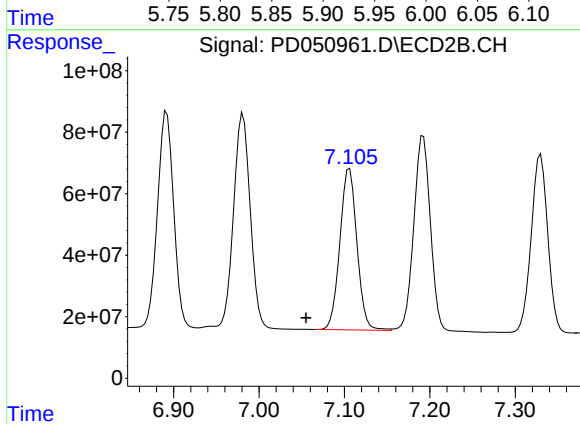
#26 Chlordane-4

R.T.: 6.244 min  
Delta R.T.: -0.001 min  
Response: 1290948763  
Conc: 261.07 ng/ml



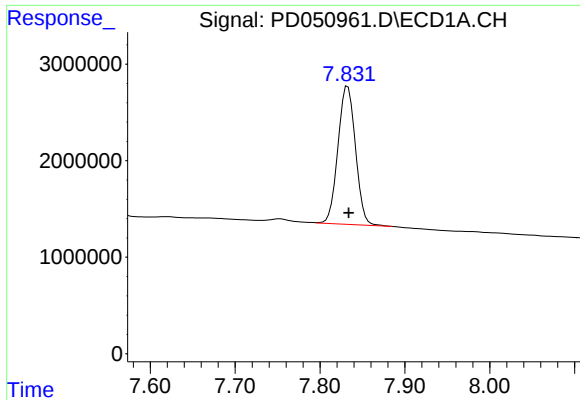
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.004 min  
Response: 89732223  
Conc: 1126.22 ng/ml



#27 Chlordane-5

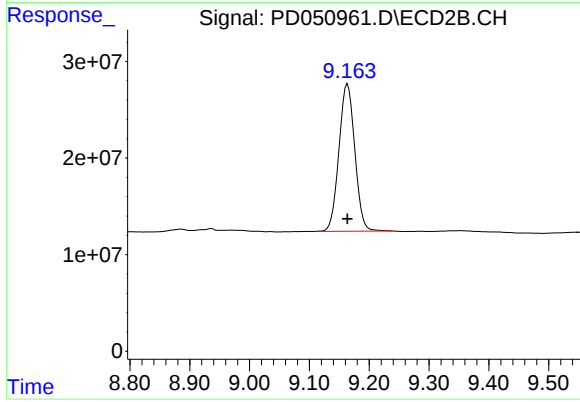
R.T.: 7.106 min  
Delta R.T.: 0.051 min  
Response: 727723707  
Conc: 705.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.001 min  
Response: 20496048  
Conc: 16.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.164 min  
Delta R.T.: 0.000 min  
Response: 280918706  
Conc: 14.08 ng/ml