

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121018\  
 Data File : PD050713.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Dec 2018 19:21  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 03:50:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 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... | 3.227 | 4.044 | 77274822 | 1265.5E6 | 53.102   | 45.946     |
| 28)                         | SA Decachlor... | 7.832 | 9.150 | 75829050 | 945.0E6  | 51.224   | 46.685     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.648 | 4.436 | 127.6E6  | 1955.8E6 | 54.353   | 46.083     |
| 3)                          | MA gamma-BHC... | 3.916 | 4.723 | 116.7E6  | 1765.2E6 | 50.024   | 46.401     |
| 4)                          | MA Heptachlor   | 4.194 | 5.237 | 116.4E6  | 1705.2E6 | 52.740   | 44.992     |
| 5)                          | MB Aldrin       | 4.427 | 5.544 | 121.2E6  | 1682.1E6 | 52.904   | 47.039     |
| 6)                          | B beta-BHC      | 4.161 | 4.892 | 46543167 | 758.8E6  | 50.909   | 45.735     |
| 7)                          | B delta-BHC     | 4.350 | 5.112 | 114.0E6  | 1685.0E6 | 52.284   | 45.132     |
| 8)                          | B Heptachlo...  | 4.854 | 5.931 | 108.7E6  | 1484.2E6 | 51.161   | 46.695     |
| 9)                          | A Endosulfan I  | 5.176 | 6.290 | 101.7E6  | 1350.8E6 | 50.475   | 47.588     |
| 10)                         | B gamma-Chl...  | 5.072 | 6.166 | 112.3E6  | 1523.6E6 | 50.958   | 48.077     |
| 11)                         | B alpha-Chl...  | 5.128 | 6.239 | 109.9E6  | 1453.5E6 | 50.436   | 47.805     |
| 12)                         | B 4,4'-DDE      | 5.298 | 6.395 | 102.0E6  | 1413.4E6 | 49.793   | 48.066     |
| 13)                         | MA Dieldrin     | 5.412 | 6.548 | 111.4E6  | 1440.1E6 | 50.433   | 47.791     |
| 14)                         | MA Endrin       | 5.659 | 6.767 | 96672758 | 1145.1E6 | 50.316   | 47.512     |
| 15)                         | B Endosulfa...  | 5.929 | 6.975 | 93894418 | 1166.6E6 | 49.256   | 47.796     |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.886 | 83112555 | 1121.6E6 | 48.489   | 49.120     |
| 17)                         | MA 4,4'-DDT     | 6.031 | 7.186 | 83242987 | 1009.3E6 | 46.979   | 48.902     |
| 18)                         | B Endrin al...  | 6.096 | 7.099 | 74681646 | 966.4E6  | 49.263   | 47.792     |
| 19)                         | B Endosulfa...  | 6.304 | 7.323 | 89147860 | 1163.4E6 | 48.063   | 47.754     |
| 20)                         | A Methoxychlor  | 6.577 | 7.643 | 42544289 | 508.1E6  | 44.571   | 45.695     |
| 21)                         | B Endrin ke...  | 6.779 | 7.795 | 106.3E6  | 1139.3E6 | 49.195   | 49.155     |
| 23)                         | Chlordane-1     | 4.080 | 5.112 | 466259   | 1685.0E6 | 6.922    | 1217.303 # |
| 24)                         | Chlordane-2     | 0.000 | 5.544 | 0        | 1682.1E6 | N.D.     | 1348.440 # |
| 25)                         | Chlordane-3     | 5.072 | 6.166 | 112.3E6  | 1523.6E6 | 483.293  | 378.211    |
| 26)                         | Chlordane-4     | 5.128 | 6.239 | 109.9E6  | 1453.5E6 | 493.614  | 317.504 #  |
| 27)                         | Chlordane-5     | 5.929 | 7.099 | 93894418 | 966.4E6  | 1235.524 | 1057.617   |
| -----                       |                 |       |       |          |          |          |            |

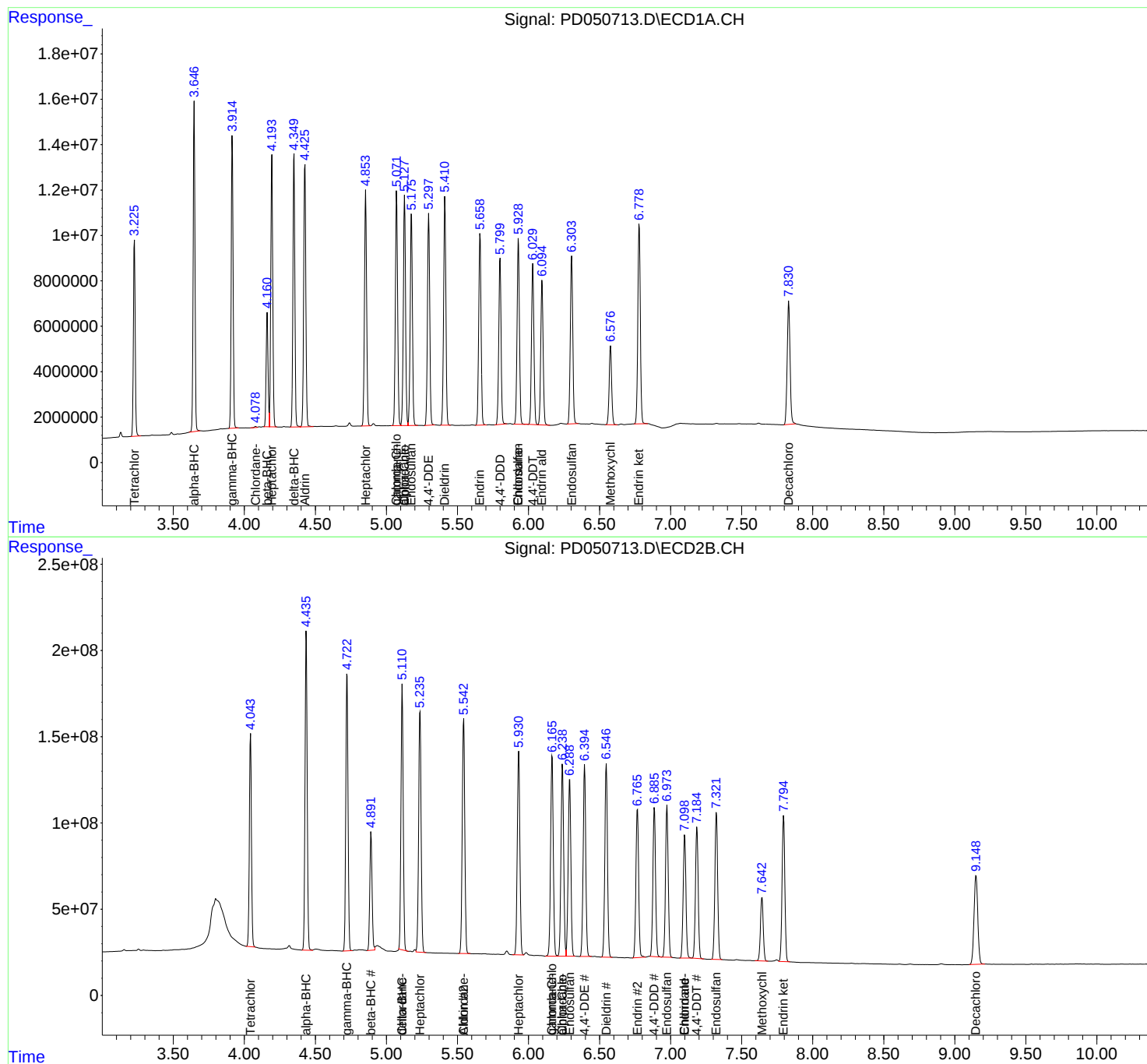
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

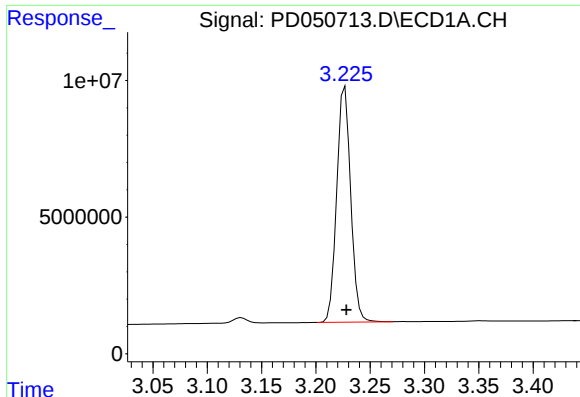
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121018\  
Data File : PD050713.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Dec 2018 19:21  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 03:50:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 16 02:59:21 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

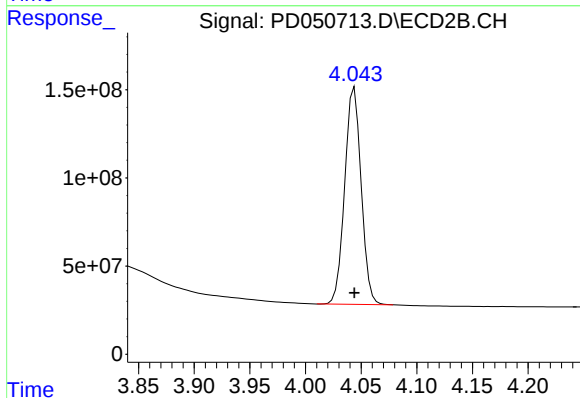




#1 Tetrachloro-m-xylene

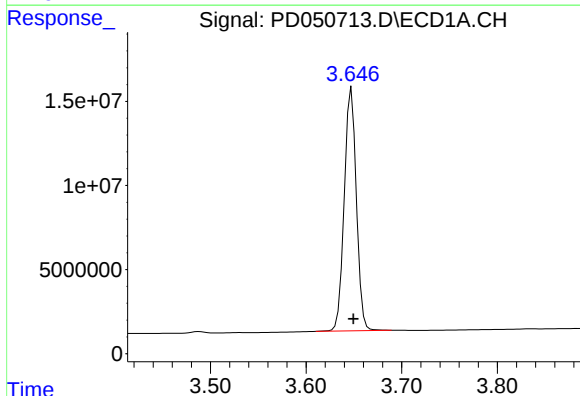
R.T.: 3.227 min  
Delta R.T.: -0.001 min  
Response: 77274822  
Conc: 53.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



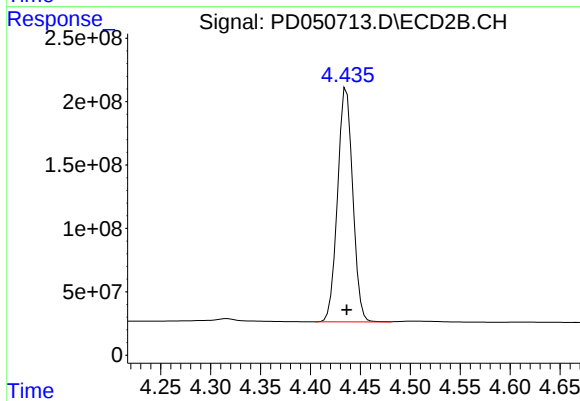
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 1265534998  
Conc: 45.95 ng/ml



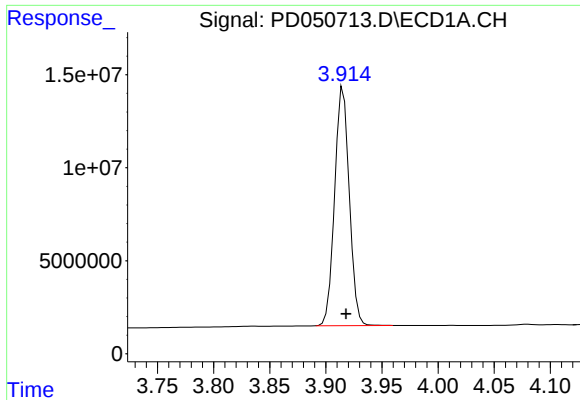
#2 alpha-BHC

R.T.: 3.648 min  
Delta R.T.: -0.002 min  
Response: 127600156  
Conc: 54.35 ng/ml



#2 alpha-BHC

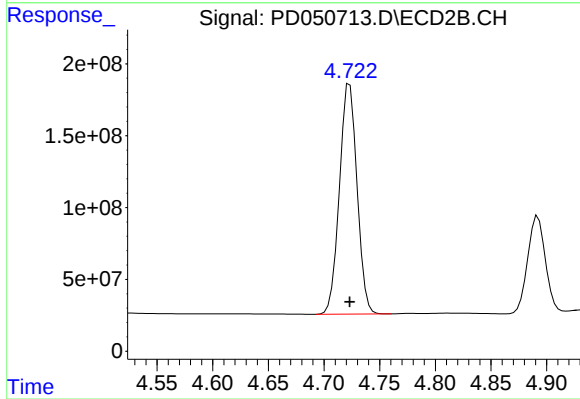
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 1955828190  
Conc: 46.08 ng/ml



#3 gamma-BHC (Lindane)

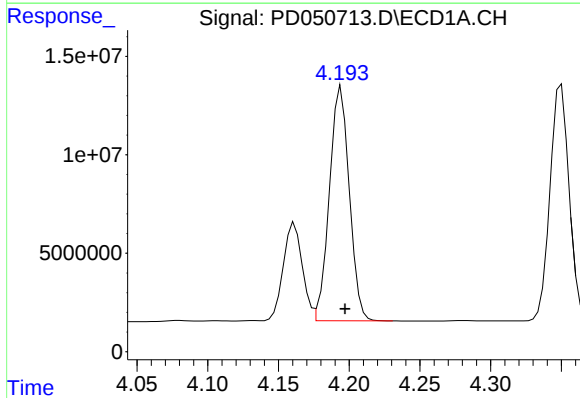
R.T.: 3.916 min  
Delta R.T.: -0.002 min  
Response: 116717070  
Conc: 50.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



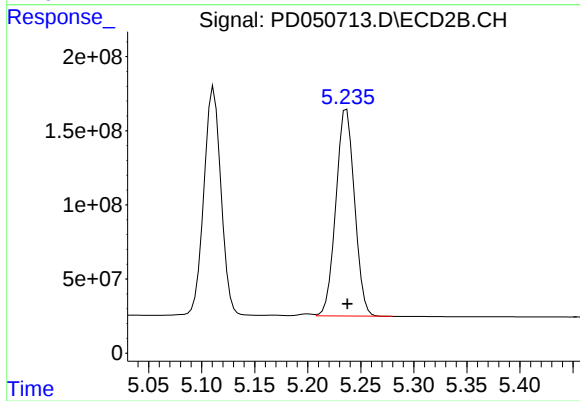
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 1765212788  
Conc: 46.40 ng/ml



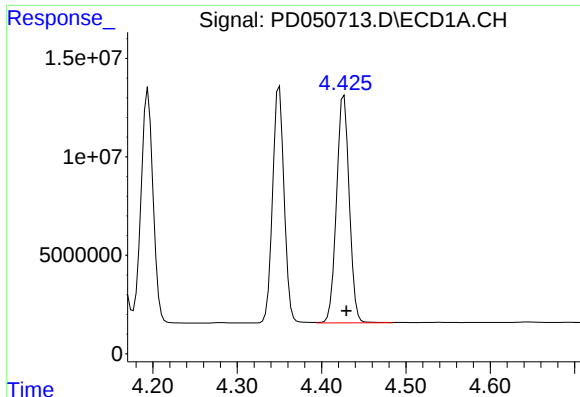
#4 Heptachlor

R.T.: 4.194 min  
Delta R.T.: -0.003 min  
Response: 116370315  
Conc: 52.74 ng/ml



#4 Heptachlor

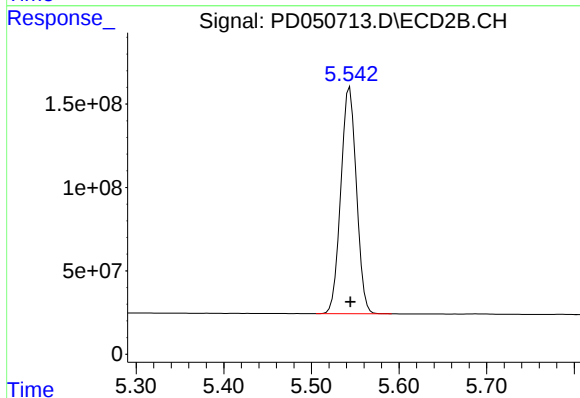
R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 1705220896  
Conc: 44.99 ng/ml



#5 Aldrin

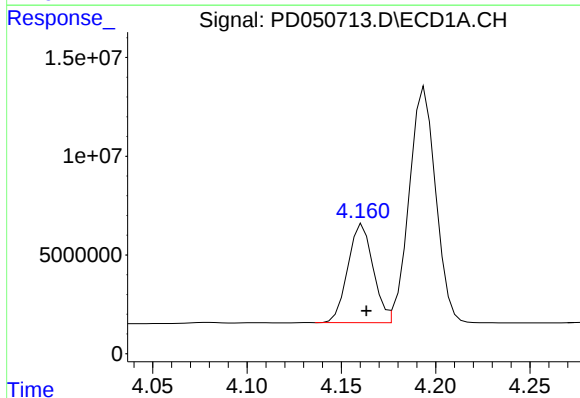
R.T.: 4.427 min  
Delta R.T.: -0.003 min  
Response: 121246085  
Conc: 52.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



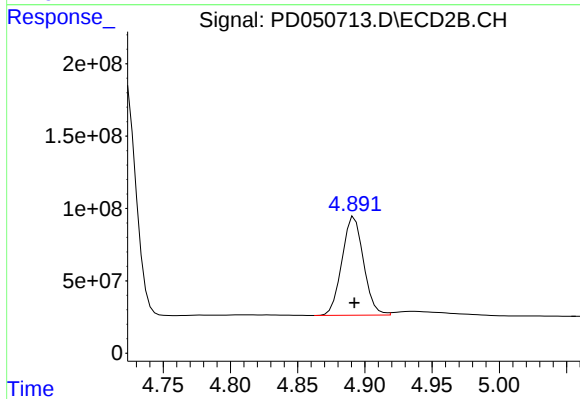
#5 Aldrin

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 1682096580  
Conc: 47.04 ng/ml



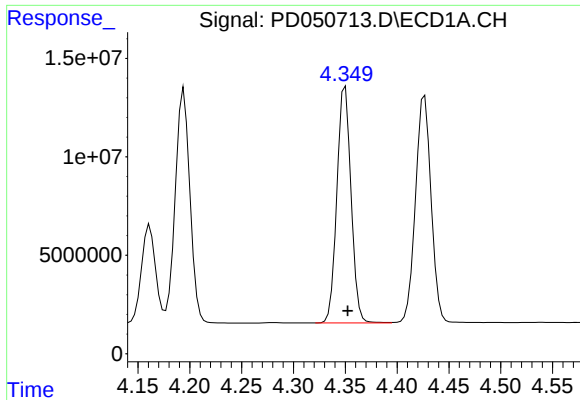
#6 beta-BHC

R.T.: 4.161 min  
Delta R.T.: -0.002 min  
Response: 46543167  
Conc: 50.91 ng/ml



#6 beta-BHC

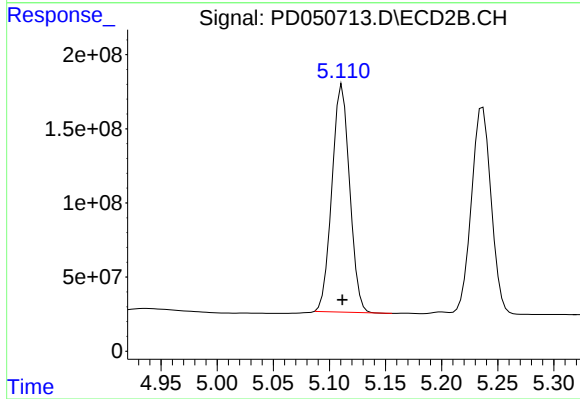
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 758772786  
Conc: 45.73 ng/ml



#7 delta-BHC

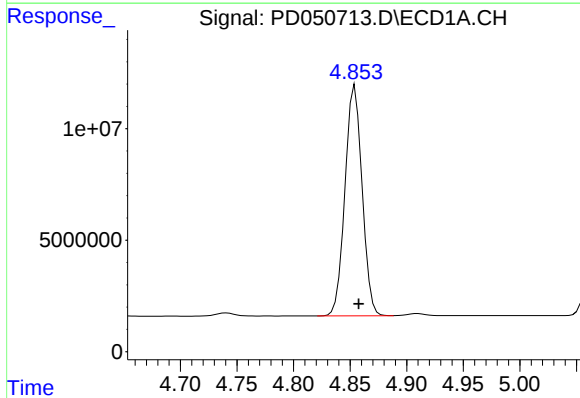
R.T.: 4.350 min  
Delta R.T.: -0.003 min  
Response: 113988607  
Conc: 52.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



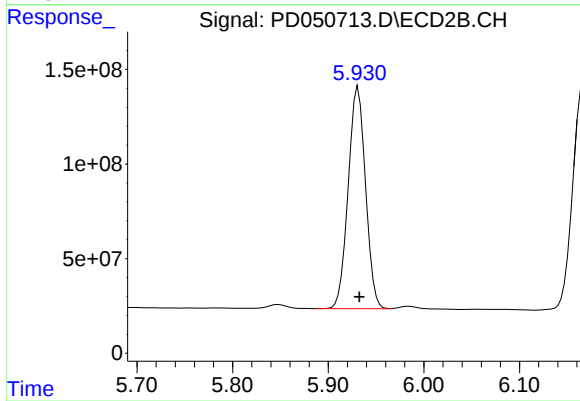
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 1685004717  
Conc: 45.13 ng/ml



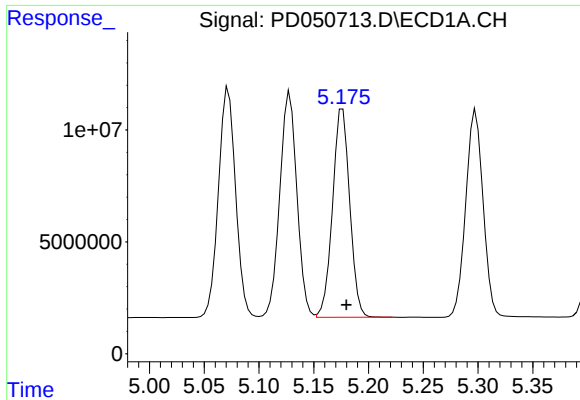
#8 Heptachlor epoxide

R.T.: 4.854 min  
Delta R.T.: -0.003 min  
Response: 108703354  
Conc: 51.16 ng/ml



#8 Heptachlor epoxide

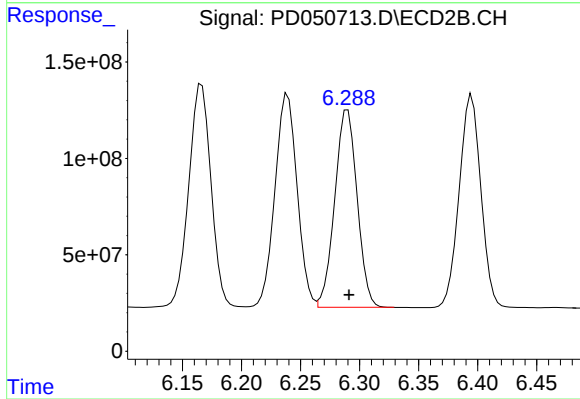
R.T.: 5.931 min  
Delta R.T.: -0.001 min  
Response: 1484223345  
Conc: 46.69 ng/ml



#9 Endosulfan I

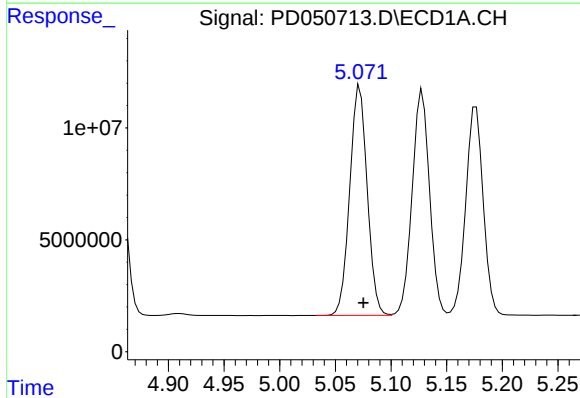
R.T.: 5.176 min  
Delta R.T.: -0.004 min  
Response: 101706469  
Conc: 50.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



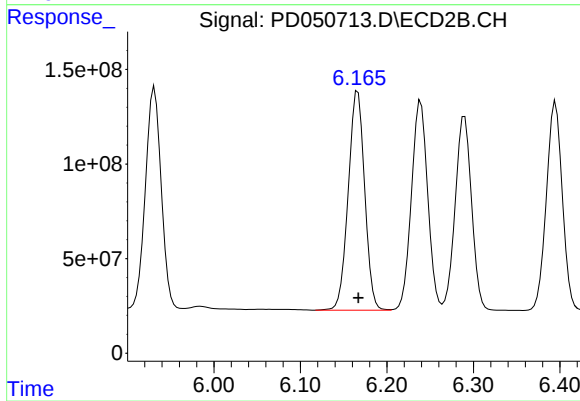
#9 Endosulfan I

R.T.: 6.290 min  
Delta R.T.: -0.001 min  
Response: 1350765310  
Conc: 47.59 ng/ml



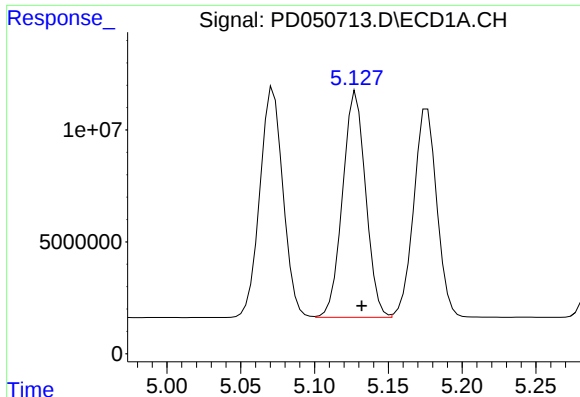
#10 gamma-Chlordane

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 112292929  
Conc: 50.96 ng/ml



#10 gamma-Chlordane

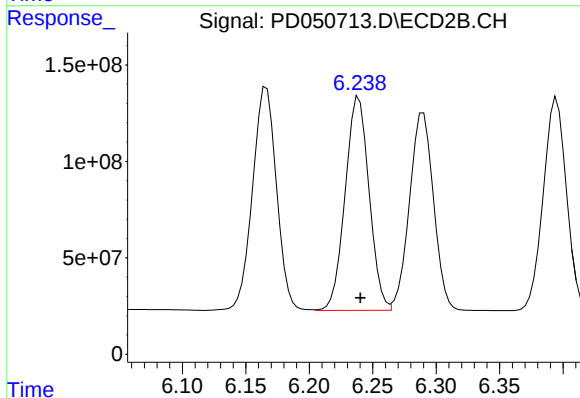
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 1523587742  
Conc: 48.08 ng/ml



#11 alpha-Chlordane

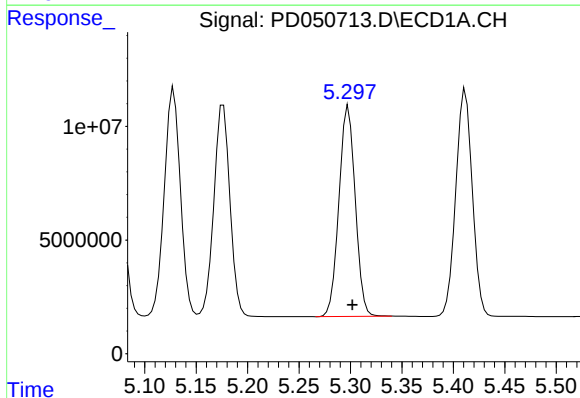
R.T.: 5.128 min  
Delta R.T.: -0.004 min  
Response: 109896155  
Conc: 50.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



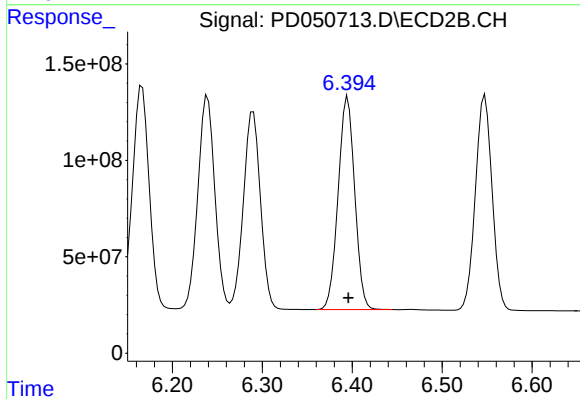
#11 alpha-Chlordane

R.T.: 6.239 min  
Delta R.T.: -0.001 min  
Response: 1453454199  
Conc: 47.80 ng/ml



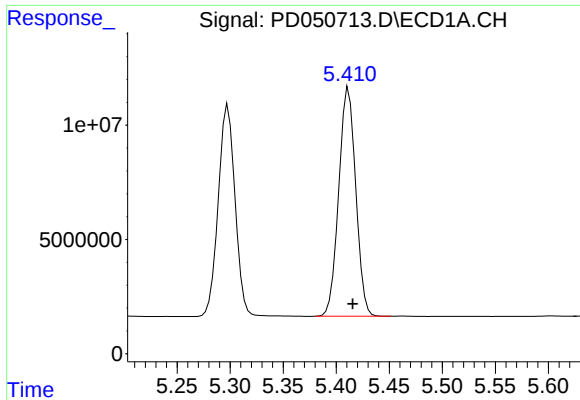
#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: -0.004 min  
Response: 102046883  
Conc: 49.79 ng/ml



#12 4,4'-DDE

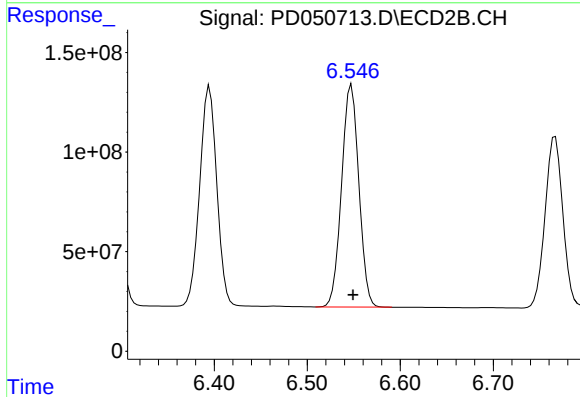
R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 1413386286  
Conc: 48.07 ng/ml



#13 Dieldrin

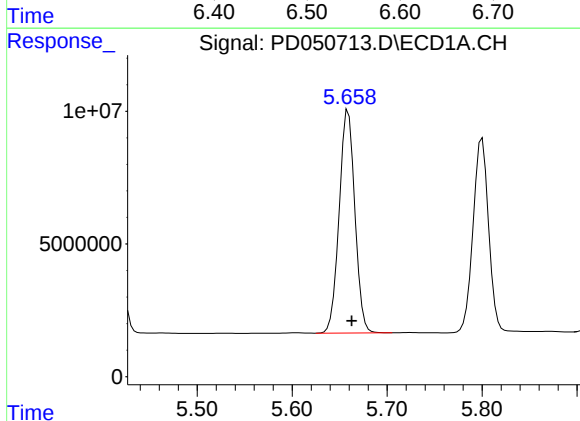
R.T.: 5.412 min  
Delta R.T.: -0.004 min  
Response: 111373104  
Conc: 50.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



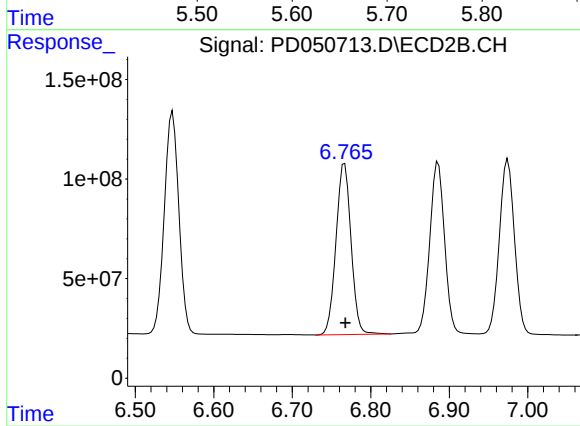
#13 Dieldrin

R.T.: 6.548 min  
Delta R.T.: -0.001 min  
Response: 1440097521  
Conc: 47.79 ng/ml



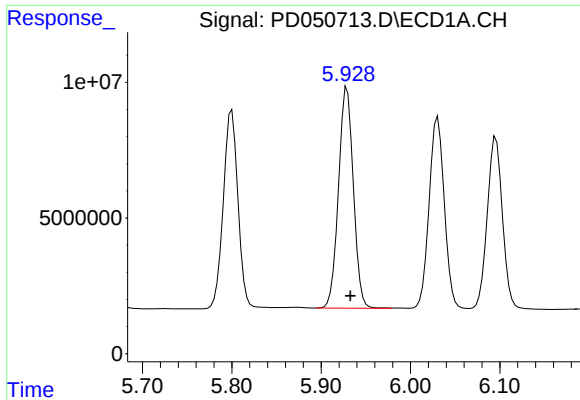
#14 Endrin

R.T.: 5.659 min  
Delta R.T.: -0.004 min  
Response: 96672758  
Conc: 50.32 ng/ml



#14 Endrin

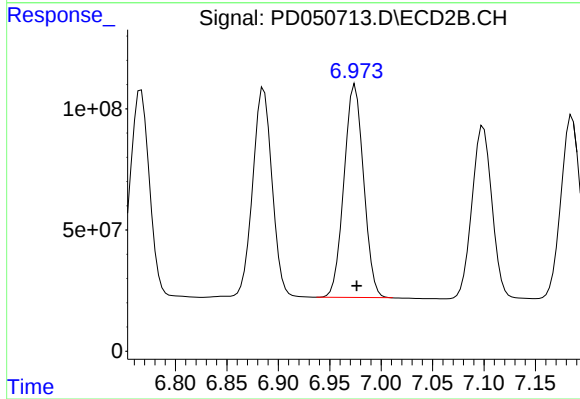
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 1145134978  
Conc: 47.51 ng/ml



#15 Endosulfan II

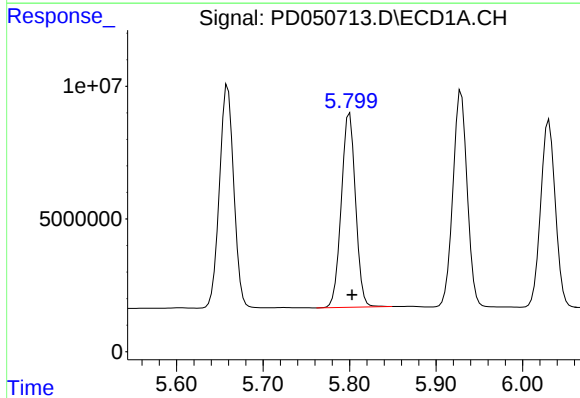
R.T.: 5.929 min  
Delta R.T.: -0.004 min  
Response: 93894418  
Conc: 49.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



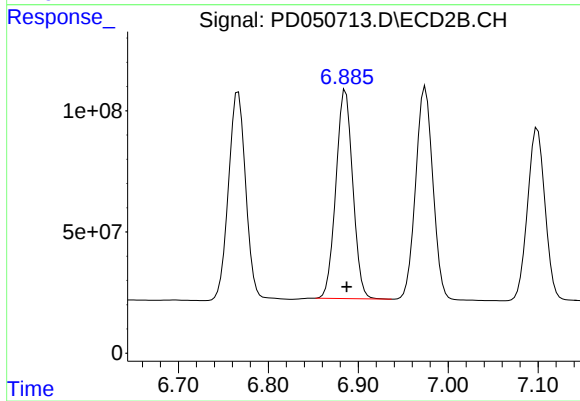
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 1166576213  
Conc: 47.80 ng/ml



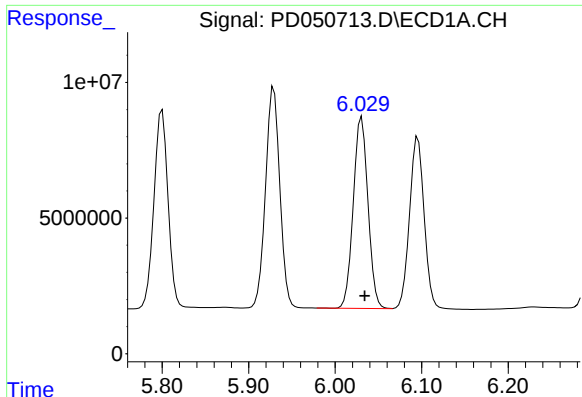
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: -0.003 min  
Response: 83112555  
Conc: 48.49 ng/ml



#16 4,4'-DDD

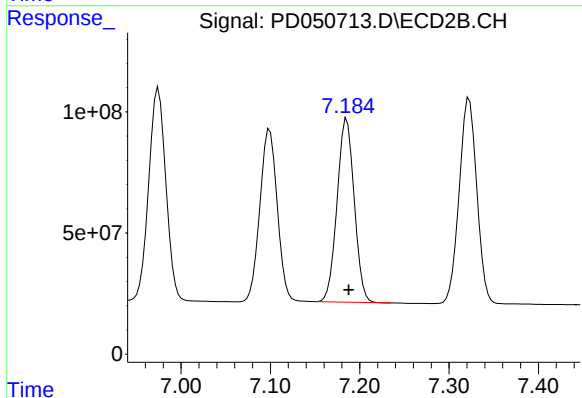
R.T.: 6.886 min  
Delta R.T.: -0.001 min  
Response: 1121623759  
Conc: 49.12 ng/ml



#17 4,4'-DDT

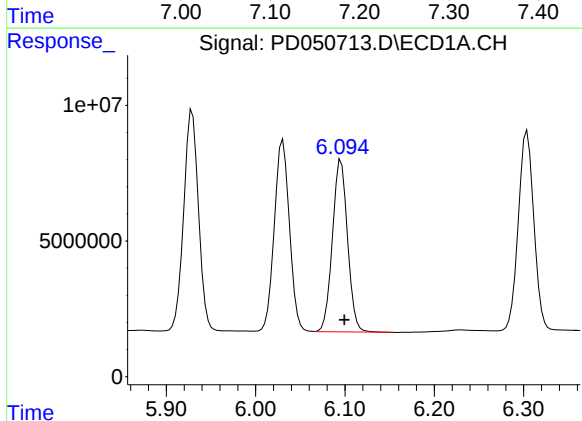
R.T.: 6.031 min  
Delta R.T.: -0.004 min  
Response: 83242987  
Conc: 46.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



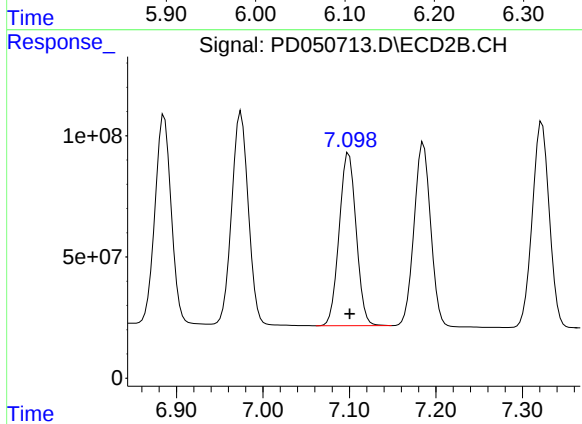
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 1009323588  
Conc: 48.90 ng/ml



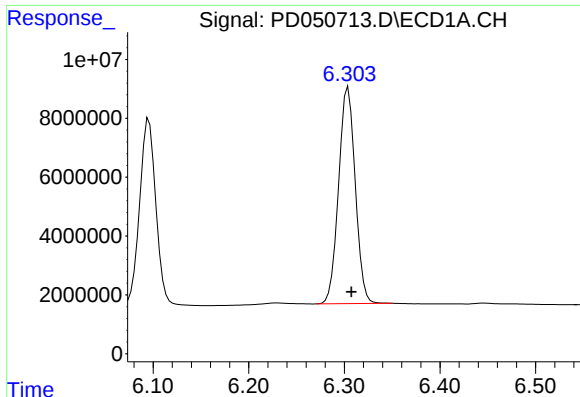
#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 74681646  
Conc: 49.26 ng/ml



#18 Endrin aldehyde

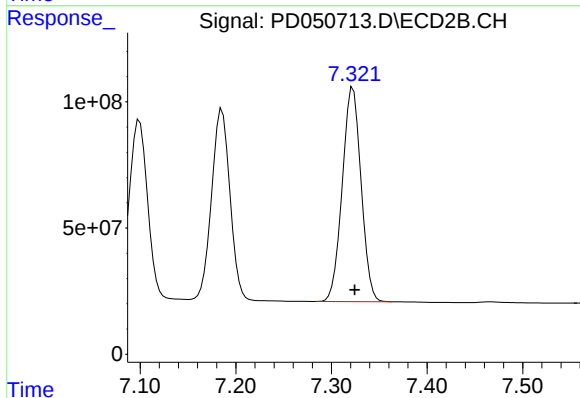
R.T.: 7.099 min  
Delta R.T.: -0.001 min  
Response: 966435255  
Conc: 47.79 ng/ml



#19 Endosulfan Sulfate

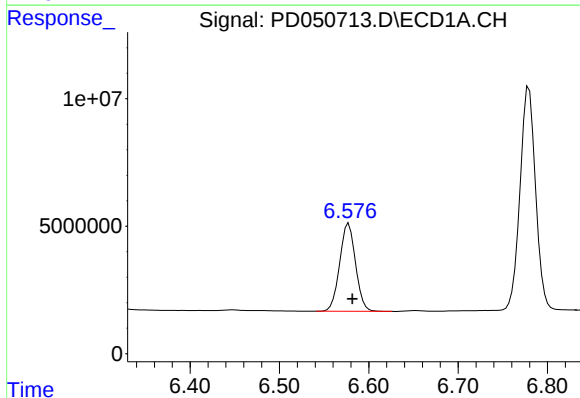
R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 89147860  
Conc: 48.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



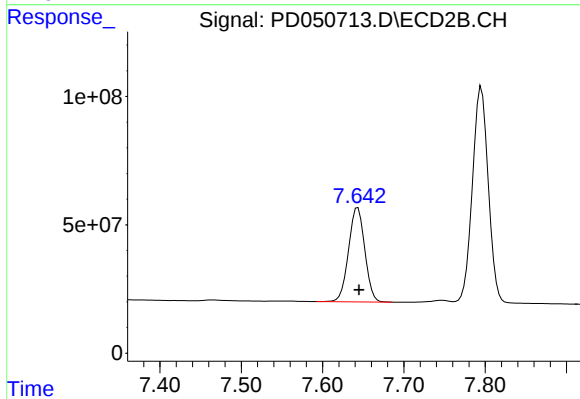
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: -0.002 min  
Response: 1163427683  
Conc: 47.75 ng/ml



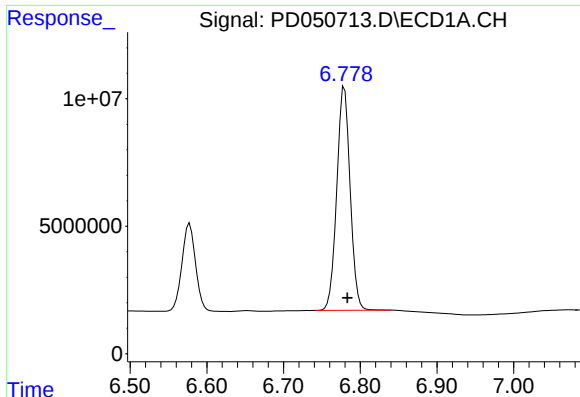
#20 Methoxychlor

R.T.: 6.577 min  
Delta R.T.: -0.004 min  
Response: 42544289  
Conc: 44.57 ng/ml



#20 Methoxychlor

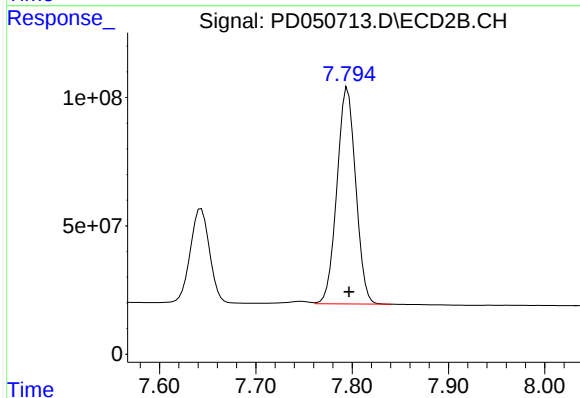
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 508079944  
Conc: 45.70 ng/ml



#21 Endrin ketone

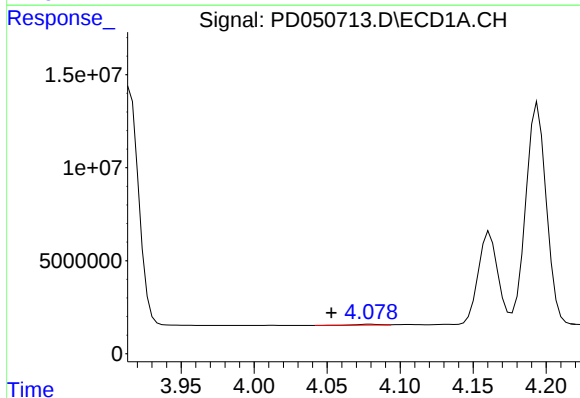
R.T.: 6.779 min  
Delta R.T.: -0.004 min  
Response: 106341201  
Conc: 49.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



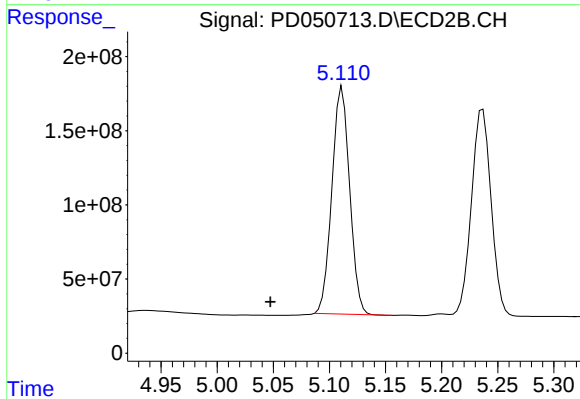
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: -0.002 min  
Response: 1139298745  
Conc: 49.16 ng/ml



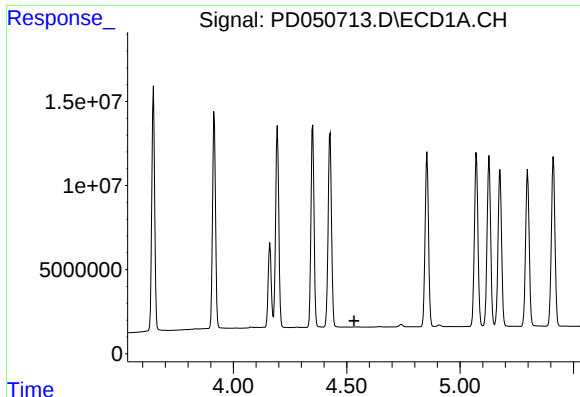
#23 Chlordane-1

R.T.: 4.080 min  
Delta R.T.: 0.027 min  
Response: 466259  
Conc: 6.92 ng/ml



#23 Chlordane-1

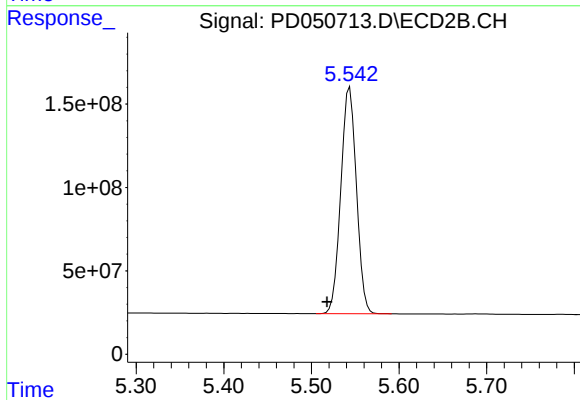
R.T.: 5.112 min  
Delta R.T.: 0.064 min  
Response: 1685004717  
Conc: 1217.30 ng/ml



#24 Chlordane-2

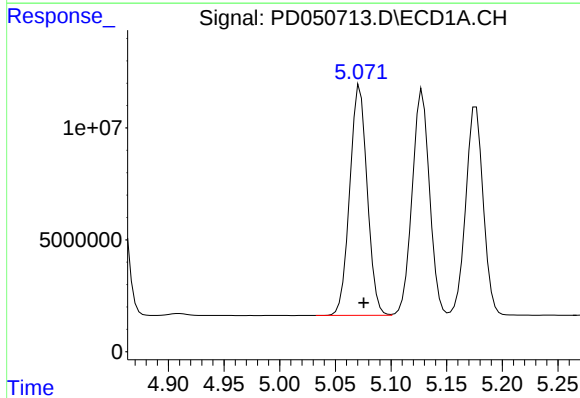
R.T.: 0.000 min  
Exp R.T.: 4.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



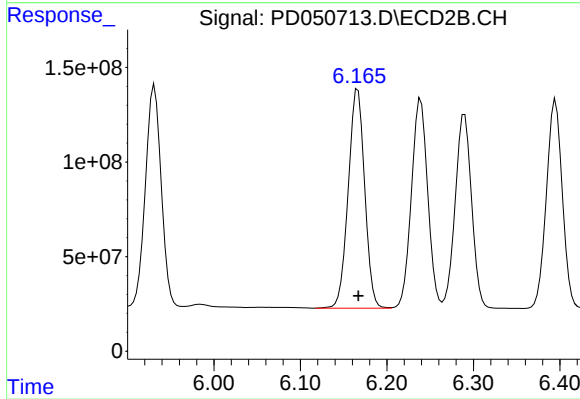
#24 Chlordane-2

R.T.: 5.544 min  
Delta R.T.: 0.026 min  
Response: 1682096580  
Conc: 1348.44 ng/ml



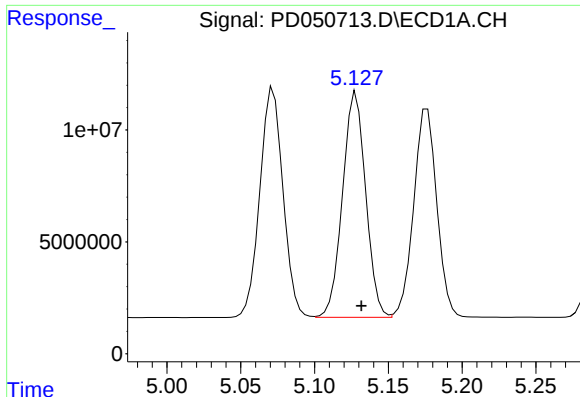
#25 Chlordane-3

R.T.: 5.072 min  
Delta R.T.: -0.004 min  
Response: 112292929  
Conc: 483.29 ng/ml



#25 Chlordane-3

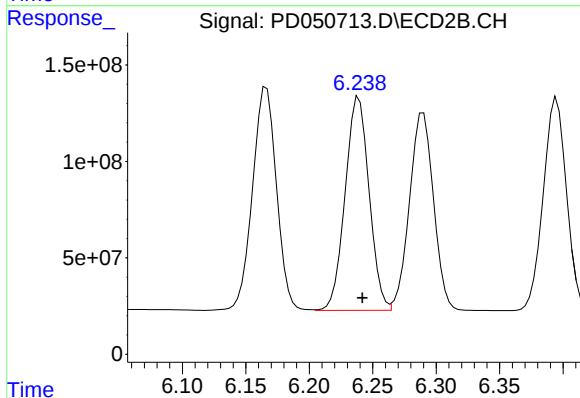
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 1523587742  
Conc: 378.21 ng/ml



#26 Chlordane-4

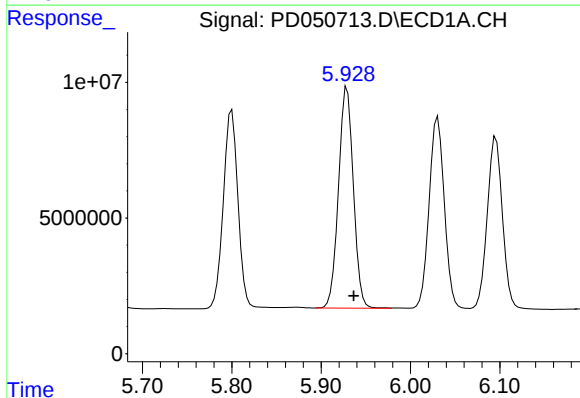
R.T.: 5.128 min  
Delta R.T.: -0.004 min  
Response: 109896155  
Conc: 493.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



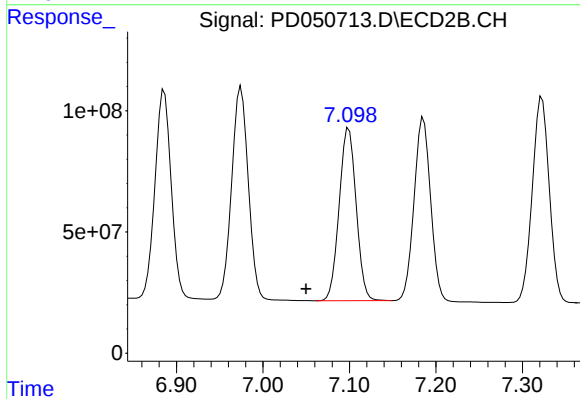
#26 Chlordane-4

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 1453454199  
Conc: 317.50 ng/ml



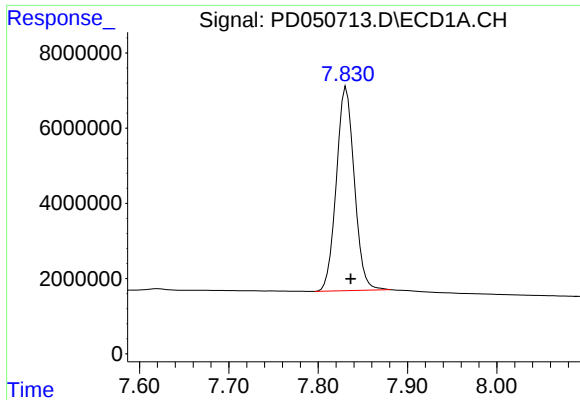
#27 Chlordane-5

R.T.: 5.929 min  
Delta R.T.: -0.008 min  
Response: 93894418  
Conc: 1235.52 ng/ml



#27 Chlordane-5

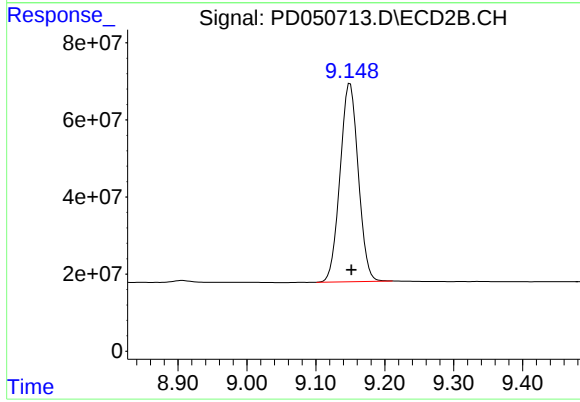
R.T.: 7.099 min  
Delta R.T.: 0.049 min  
Response: 966435255  
Conc: 1057.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.005 min  
Response: 75829050  
Conc: 51.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.150 min  
Delta R.T.: -0.002 min  
Response: 944992671  
Conc: 46.68 ng/ml