

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032019\  
 Data File : PD051923.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Mar 2019 20:39  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 08:42:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 23:43:17 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  | 4.043  | 68268966 | 1313.8E6 | 51.488   | 45.815     |
| 28)                         | SA Decachlor... | 7.820  | 9.154  | 54811267 | 745.7E6  | 48.221   | 40.821     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.642  | 4.435  | 116.0E6  | 2104.2E6 | 52.826   | 48.228     |
| 3)                          | MA gamma-BHC... | 3.910  | 4.723  | 110.3E6  | 1921.0E6 | 52.772   | 48.500     |
| 4)                          | MA Heptachlor   | 4.188  | 5.236  | 114.1E6  | 1868.5E6 | 53.197   | 48.723     |
| 5)                          | MB Aldrin       | 4.419  | 5.542  | 110.5E6  | 1740.7E6 | 54.294   | 48.600     |
| 6)                          | B beta-BHC      | 4.156  | 4.892  | 44511409 | 839.0E6  | 50.553   | 46.678     |
| 7)                          | B delta-BHC     | 4.345  | 5.111  | 108.4E6  | 1660.8E6 | 53.438   | 48.328     |
| 8)                          | B Heptachlo...  | 4.847  | 5.930  | 105.3E6  | 1590.9E6 | 53.559   | 49.614     |
| 9)                          | A Endosulfan I  | 5.168  | 6.289  | 98744512 | 1466.2E6 | 53.281   | 49.457     |
| 10)                         | B gamma-Chl...  | 5.064  | 6.165  | 109.5E6  | 1646.3E6 | 54.062   | 51.480     |
| 11)                         | B alpha-Chl...  | 5.120  | 6.238  | 108.3E6  | 1552.5E6 | 53.865   | 48.984     |
| 12)                         | B 4,4'-DDE      | 5.289  | 6.394  | 97282866 | 1473.5E6 | 51.930   | 47.640     |
| 13)                         | MA Dieldrin     | 5.404  | 6.547  | 112.0E6  | 1395.3E6 | 55.710   | 45.219     |
| 14)                         | MA Endrin       | 5.650  | 6.766  | 106.2E6  | 1128.2E6 | 55.453   | 43.207     |
| 15)                         | B Endosulfa...  | 5.920  | 6.975  | 99096808 | 1064.7E6 | 54.989   | 41.333     |
| 16)                         | A 4,4'-DDD      | 5.790  | 6.886  | 88057445 | 1014.1E6 | 55.930   | 41.286 #   |
| 17)                         | MA 4,4'-DDT     | 6.022  | 7.186  | 91806884 | 947.9E6  | 57.462   | 46.796     |
| 18)                         | B Endrin al...  | 6.086  | 7.099  | 79814026 | 901.2E6  | 53.958   | 42.034     |
| 19)                         | B Endosulfa...  | 6.295  | 7.323  | 86776862 | 973.2E6  | 52.486   | 41.519     |
| 20)                         | A Methoxychlor  | 6.567  | 7.645  | 48045222 | 491.4E6  | 54.101   | 44.642     |
| 21)                         | B Endrin ke...  | 6.770  | 7.797  | 97593338 | 939.7E6  | 52.722   | 41.593     |
| 22)                         | Mirex           | 6.939  | 8.254  | 67172716 | 615.1E6  | 53.398   | 39.750 #   |
| 23)                         | Chlordane-1     | 4.076f | 0.000  | 920991   | 0        | 14.399   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.542f | 0        | 1740.7E6 | N.D.     | 1227.598 # |
| 25)                         | Chlordane-3     | 5.064  | 6.165  | 109.5E6  | 1646.3E6 | 470.689  | 369.699    |
| 26)                         | Chlordane-4     | 5.120  | 6.238  | 108.3E6  | 1552.5E6 | 484.134  | 296.445 #  |
| 27)                         | Chlordane-5     | 5.920  | 0.000  | 99096808 | 0        | 1379.666 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

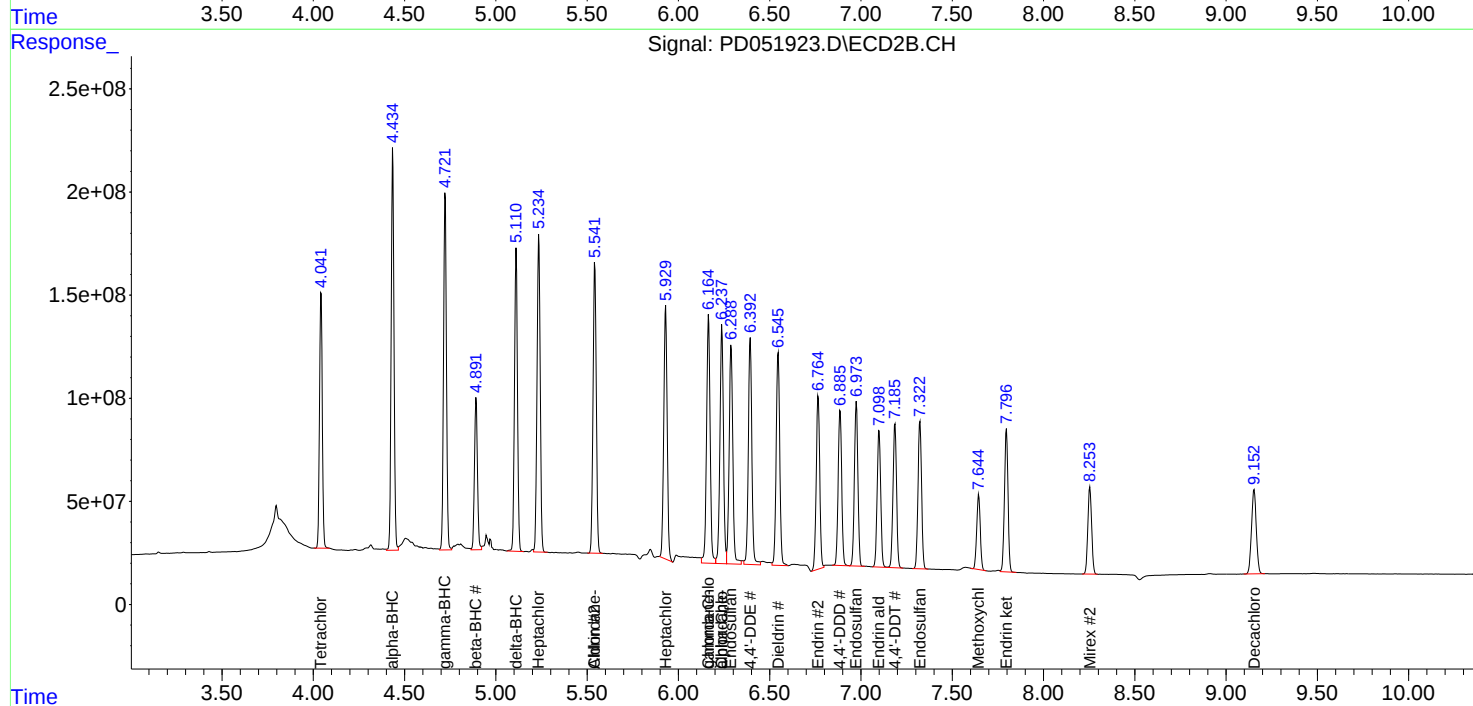
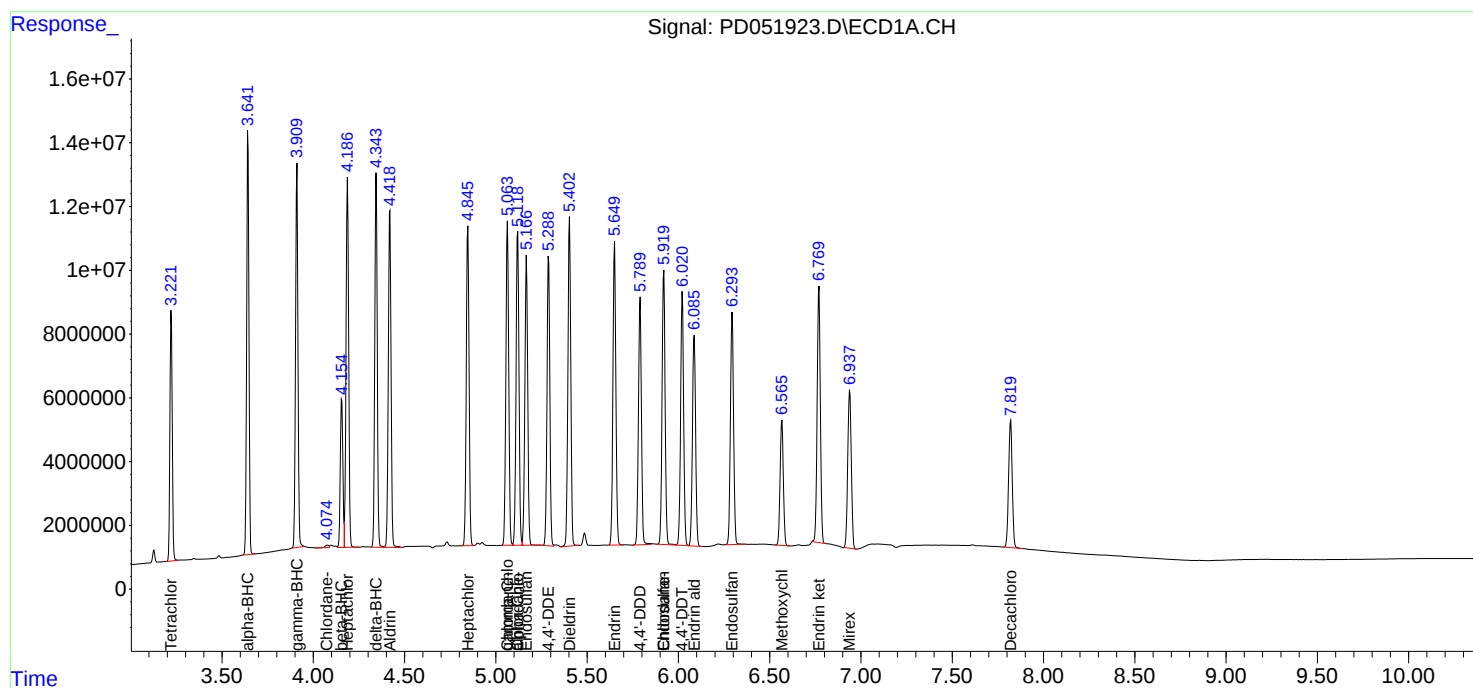
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

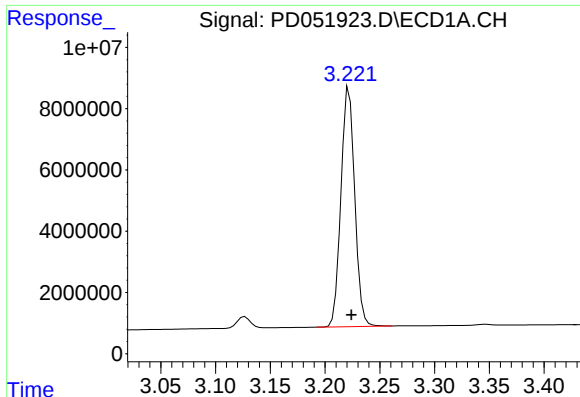
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032019\  
Data File : PD051923.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Mar 2019 20:39  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 08:42:38 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 01 23:43:17 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

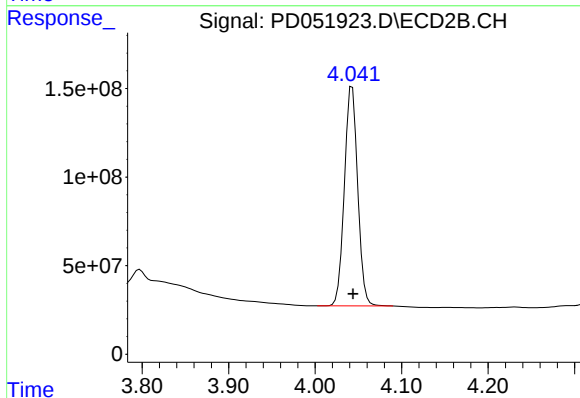




#1 Tetrachloro-m-xylene

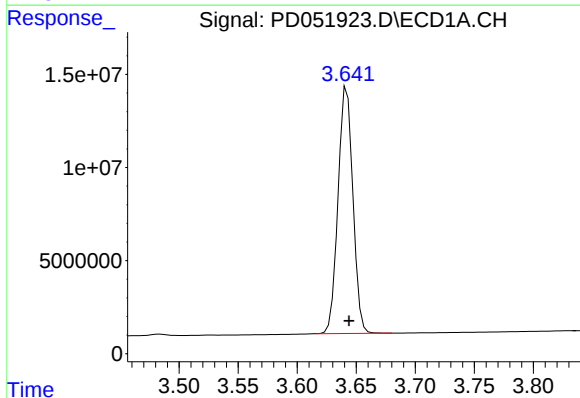
R.T.: 3.222 min  
Delta R.T.: -0.002 min  
Response: 68268966  
Conc: 51.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



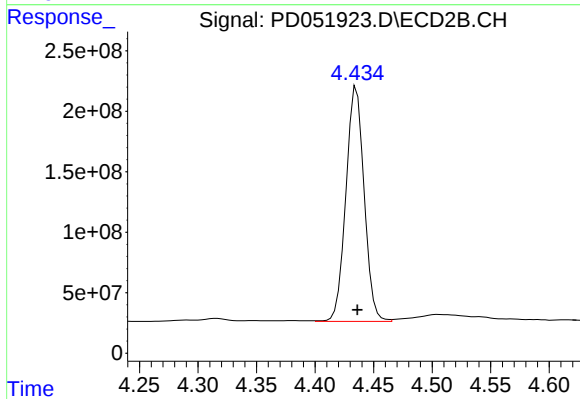
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 1313848942  
Conc: 45.82 ng/ml



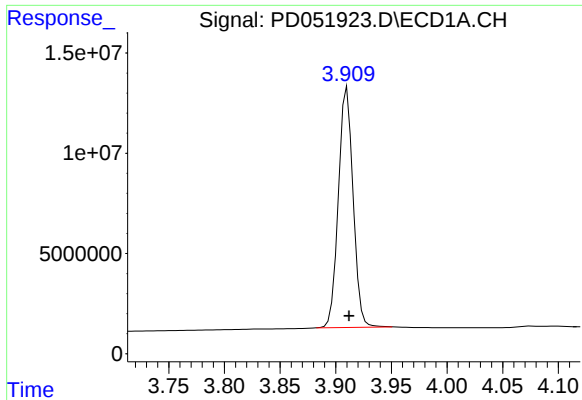
#2 alpha-BHC

R.T.: 3.642 min  
Delta R.T.: -0.002 min  
Response: 115963447  
Conc: 52.83 ng/ml



#2 alpha-BHC

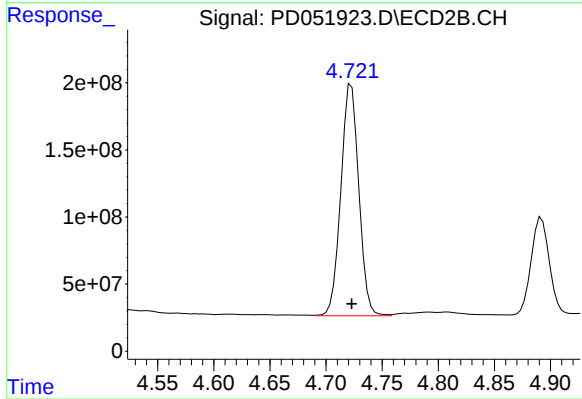
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 2104193520  
Conc: 48.23 ng/ml



#3 gamma-BHC (Lindane)

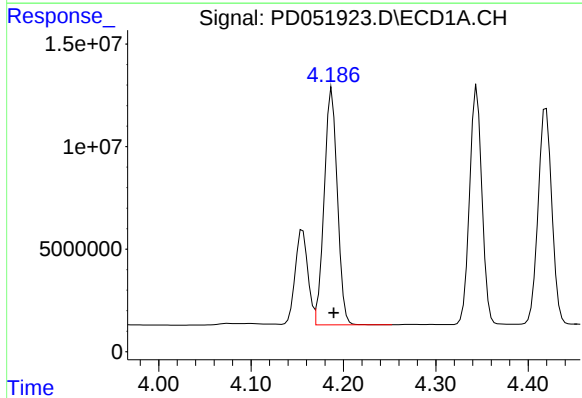
R.T.: 3.910 min  
Delta R.T.: -0.002 min  
Response: 110254557  
Conc: 52.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



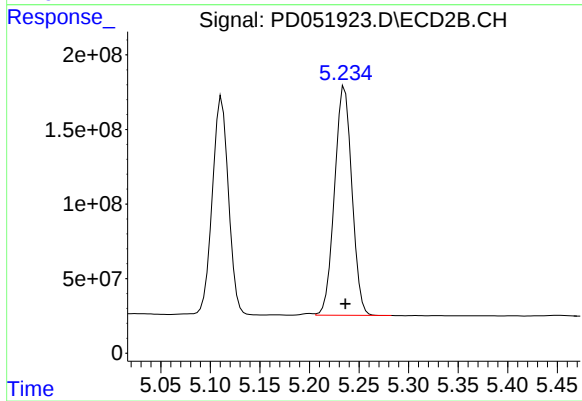
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 1920955461  
Conc: 48.50 ng/ml



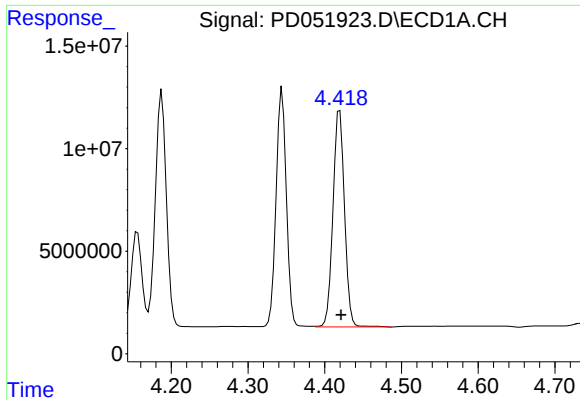
#4 Heptachlor

R.T.: 4.188 min  
Delta R.T.: -0.002 min  
Response: 114129310  
Conc: 53.20 ng/ml



#4 Heptachlor

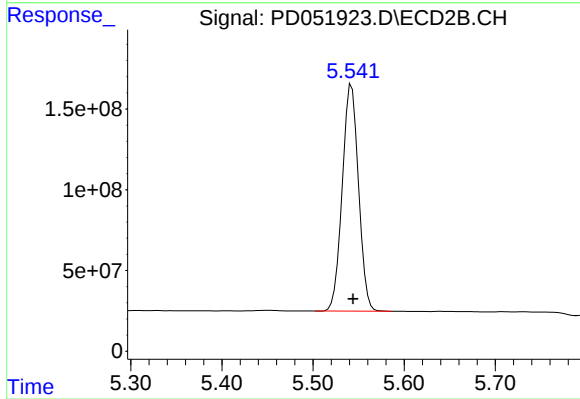
R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 1868506016  
Conc: 48.72 ng/ml



#5 Aldrin

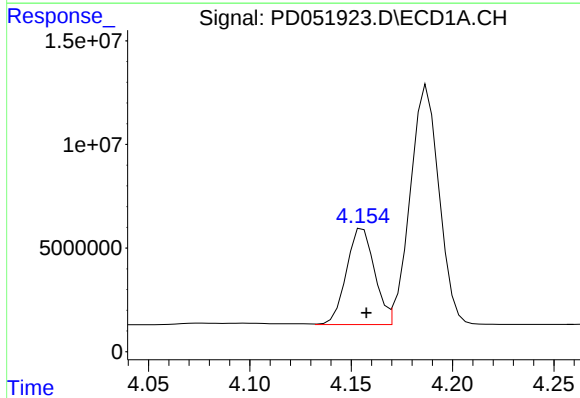
R.T.: 4.419 min  
Delta R.T.: -0.002 min  
Response: 110524375  
Conc: 54.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



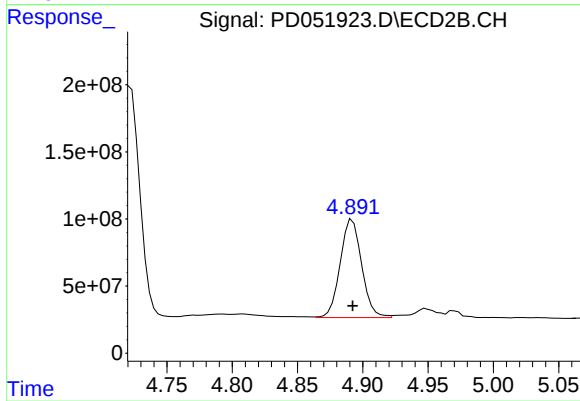
#5 Aldrin

R.T.: 5.542 min  
Delta R.T.: -0.001 min  
Response: 1740722377  
Conc: 48.60 ng/ml



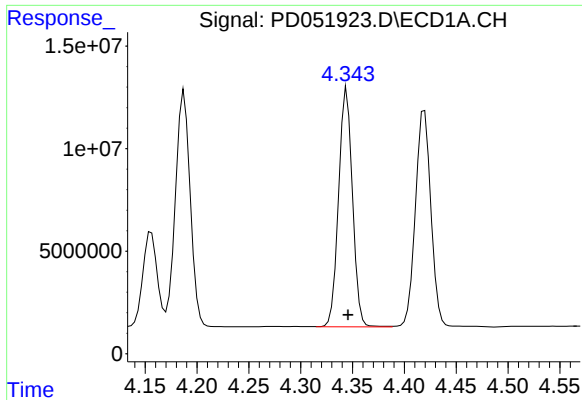
#6 beta-BHC

R.T.: 4.156 min  
Delta R.T.: -0.002 min  
Response: 44511409  
Conc: 50.55 ng/ml



#6 beta-BHC

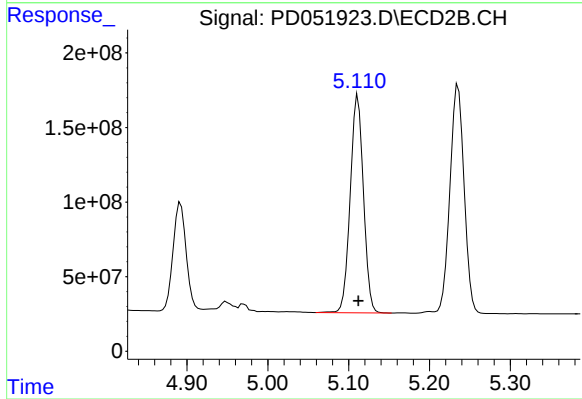
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 838959289  
Conc: 46.68 ng/ml



#7 delta-BHC

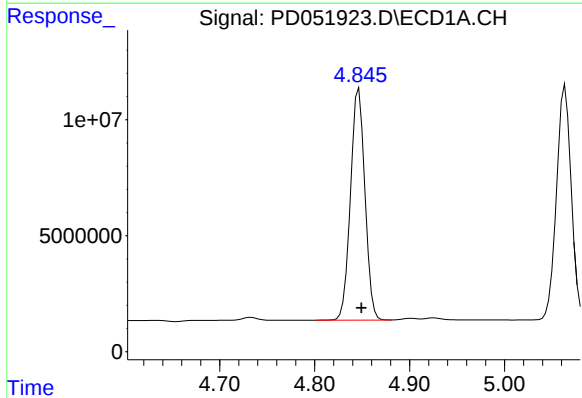
R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 108362249  
Conc: 53.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



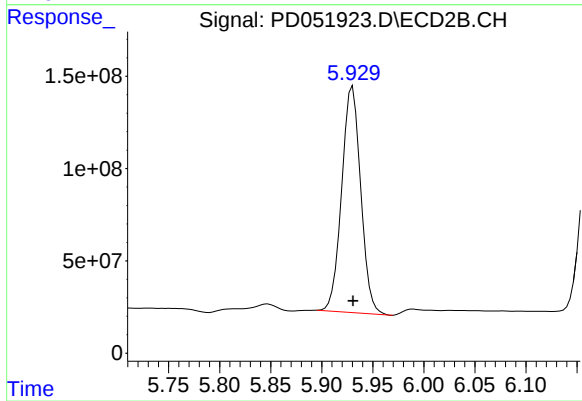
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 1660826157  
Conc: 48.33 ng/ml



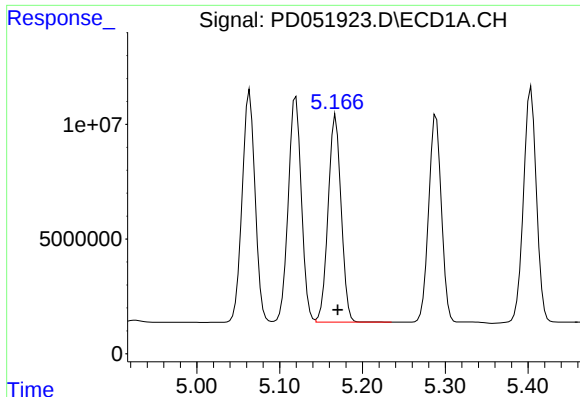
#8 Heptachlor epoxide

R.T.: 4.847 min  
Delta R.T.: -0.002 min  
Response: 105298138  
Conc: 53.56 ng/ml



#8 Heptachlor epoxide

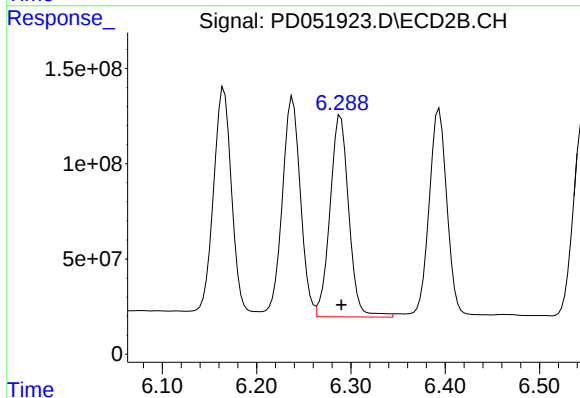
R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 1590882082  
Conc: 49.61 ng/ml



#9 Endosulfan I

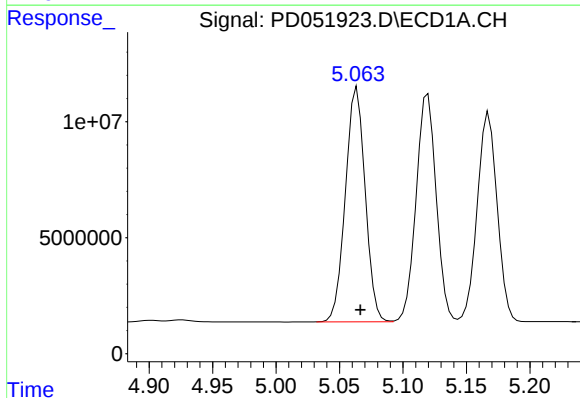
R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 98744512  
Conc: 53.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



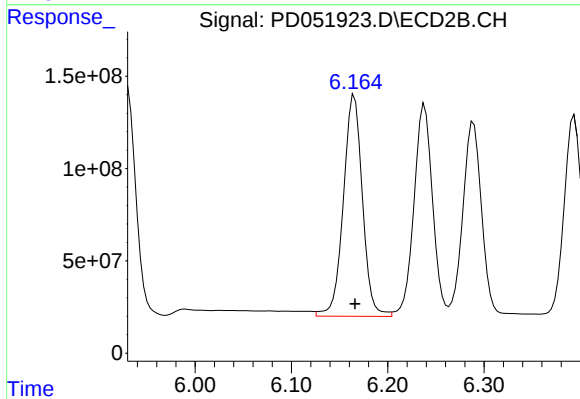
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: -0.001 min  
Response: 1466186451  
Conc: 49.46 ng/ml



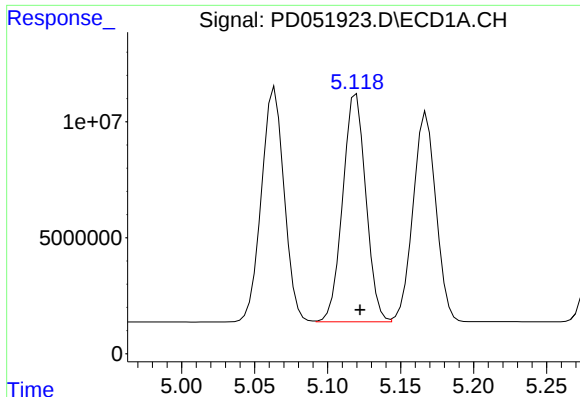
#10 gamma-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.002 min  
Response: 109548089  
Conc: 54.06 ng/ml



#10 gamma-Chlordane

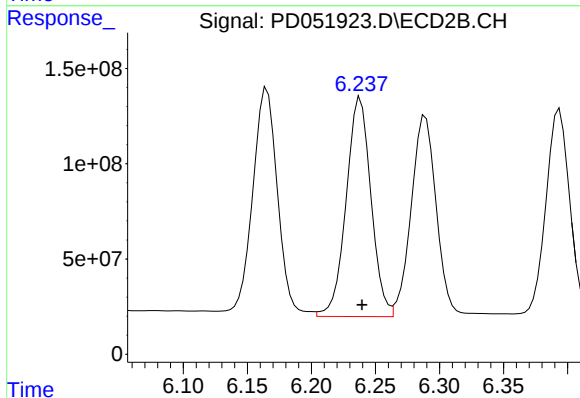
R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 1646309586  
Conc: 51.48 ng/ml



#11 alpha-Chlordane

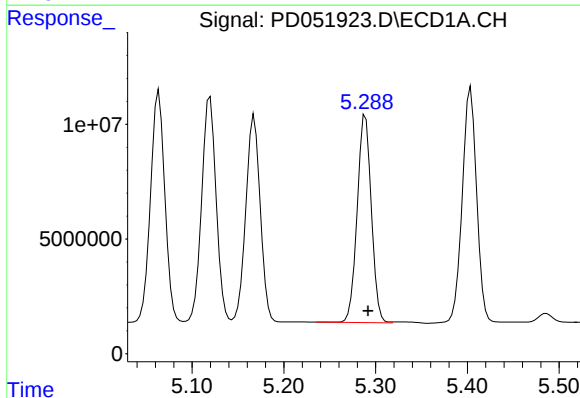
R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 108255667  
Conc: 53.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



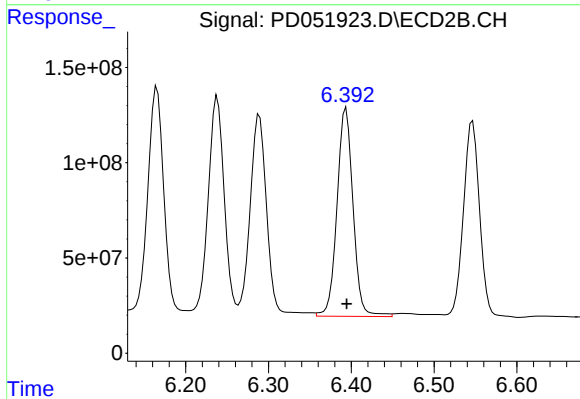
#11 alpha-Chlordane

R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 1552501295  
Conc: 48.98 ng/ml



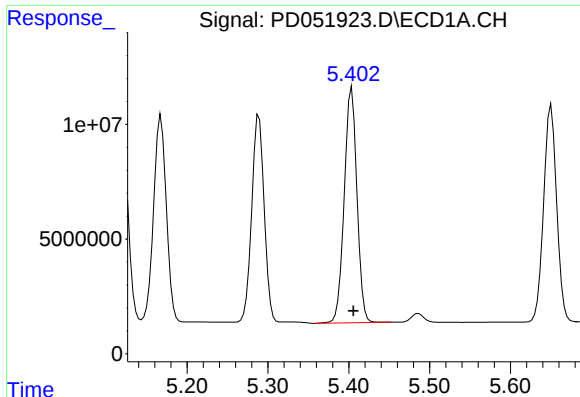
#12 4,4'-DDE

R.T.: 5.289 min  
Delta R.T.: -0.003 min  
Response: 97282866  
Conc: 51.93 ng/ml



#12 4,4'-DDE

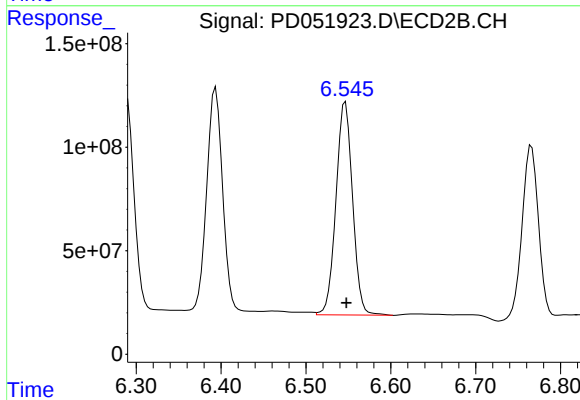
R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 1473495540  
Conc: 47.64 ng/ml



#13 Dieldrin

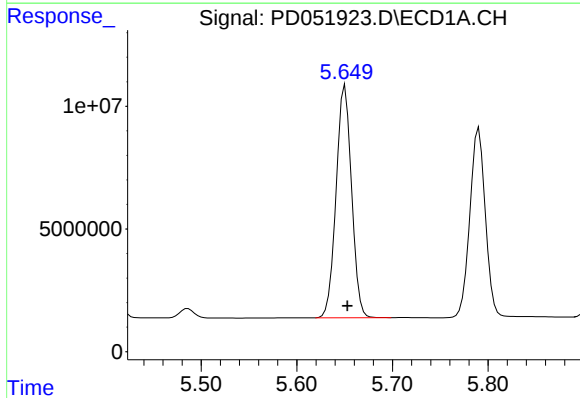
R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 111994491  
Conc: 55.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



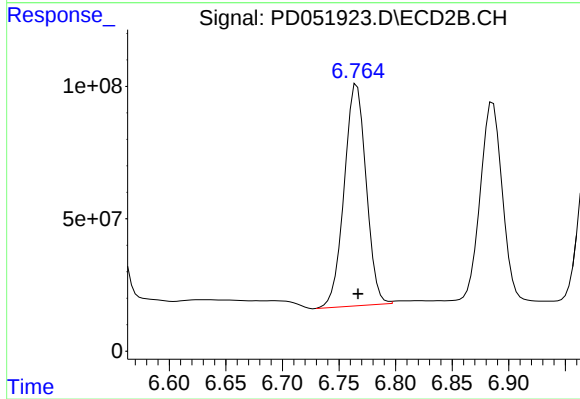
#13 Dieldrin

R.T.: 6.547 min  
Delta R.T.: -0.001 min  
Response: 1395269744  
Conc: 45.22 ng/ml



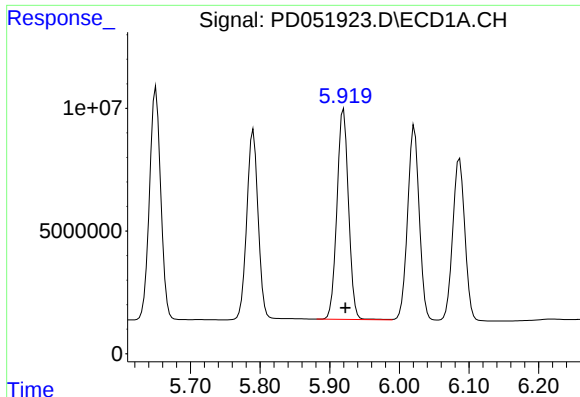
#14 Endrin

R.T.: 5.650 min  
Delta R.T.: -0.003 min  
Response: 106242942  
Conc: 55.45 ng/ml



#14 Endrin

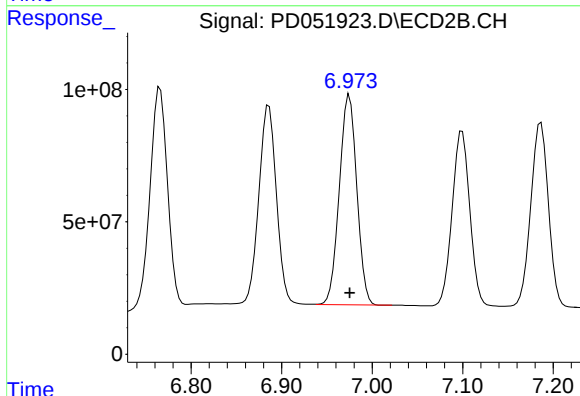
R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 1128221865  
Conc: 43.21 ng/ml



#15 Endosulfan II

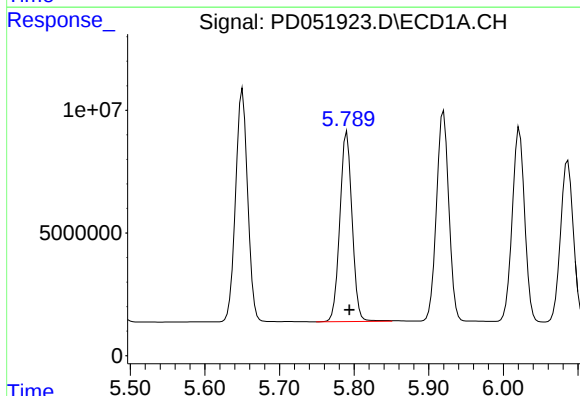
R.T.: 5.920 min  
Delta R.T.: -0.003 min  
Response: 99096808  
Conc: 54.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



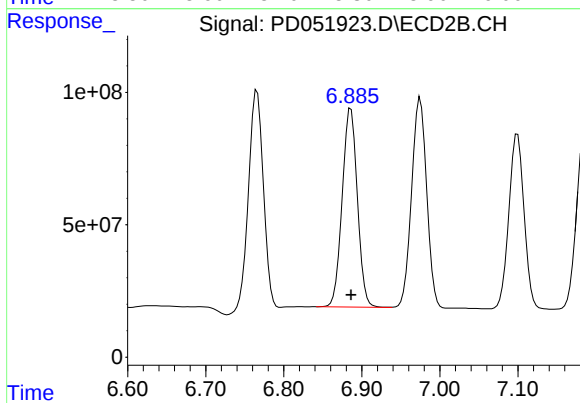
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 1064696798  
Conc: 41.33 ng/ml



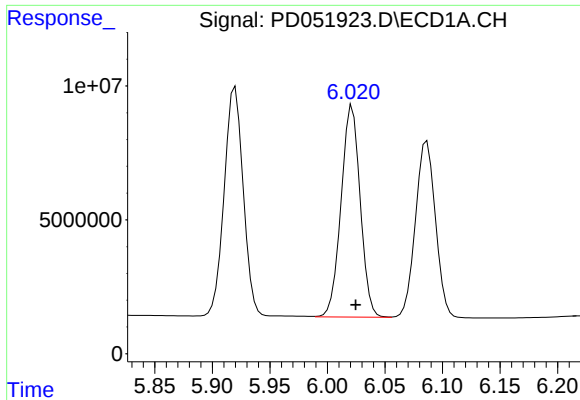
#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 88057445  
Conc: 55.93 ng/ml



#16 4,4'-DDD

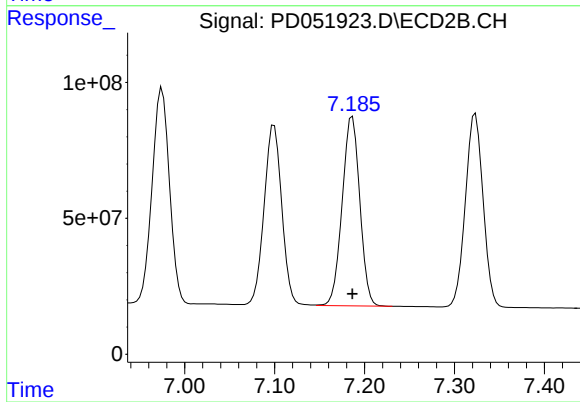
R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 1014055012  
Conc: 41.29 ng/ml



#17 4,4'-DDT

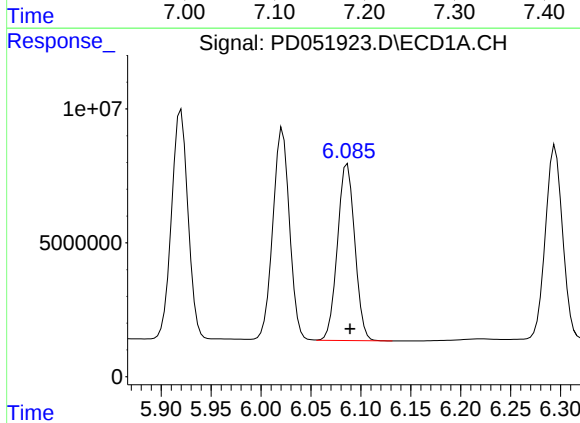
R.T.: 6.022 min  
Delta R.T.: -0.003 min  
Response: 91806884  
Conc: 57.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



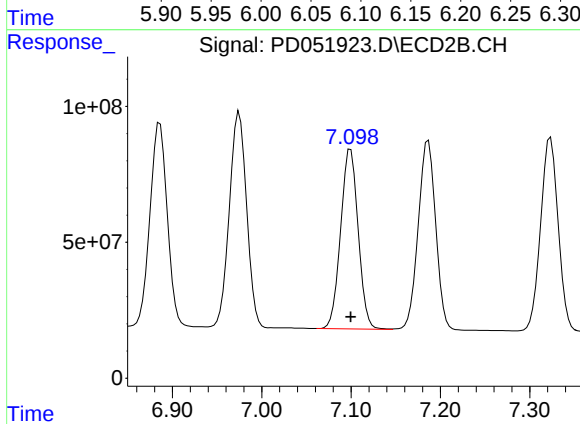
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 947934661  
Conc: 46.80 ng/ml



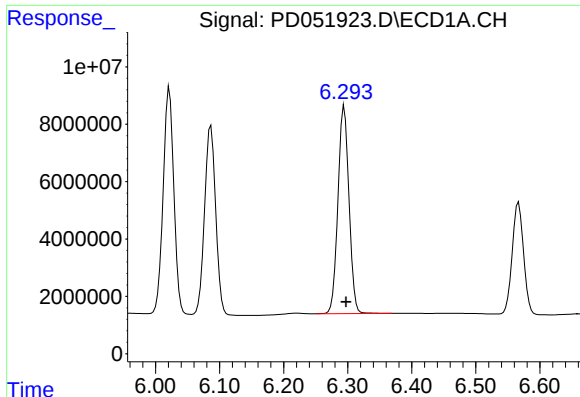
#18 Endrin aldehyde

R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 79814026  
Conc: 53.96 ng/ml



#18 Endrin aldehyde

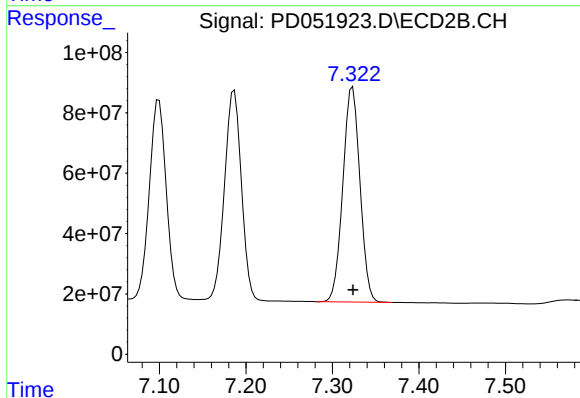
R.T.: 7.099 min  
Delta R.T.: 0.000 min  
Response: 901226704  
Conc: 42.03 ng/ml



#19 Endosulfan Sulfate

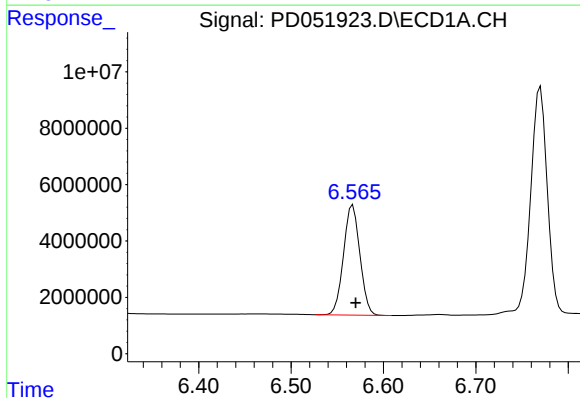
R.T.: 6.295 min  
Delta R.T.: -0.003 min  
Response: 86776862  
Conc: 52.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



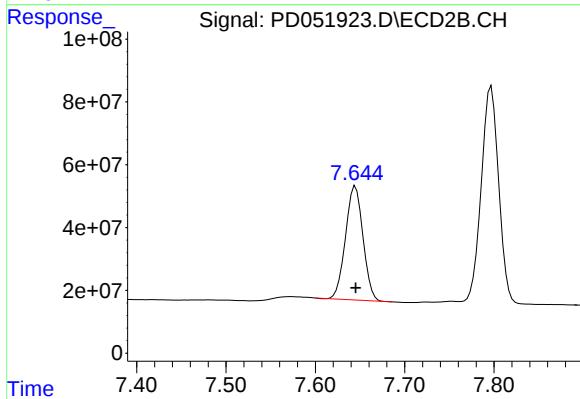
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: 0.000 min  
Response: 973237301  
Conc: 41.52 ng/ml



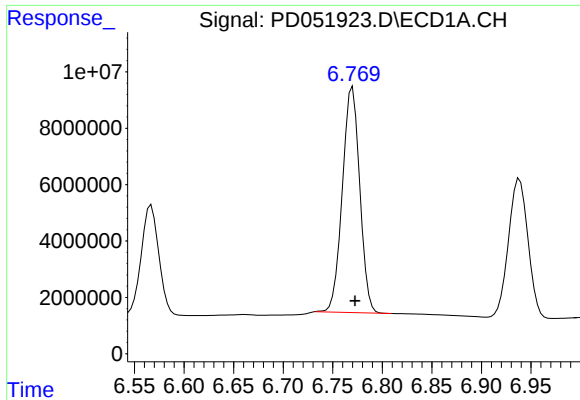
#20 Methoxychlor

R.T.: 6.567 min  
Delta R.T.: -0.003 min  
Response: 48045222  
Conc: 54.10 ng/ml



#20 Methoxychlor

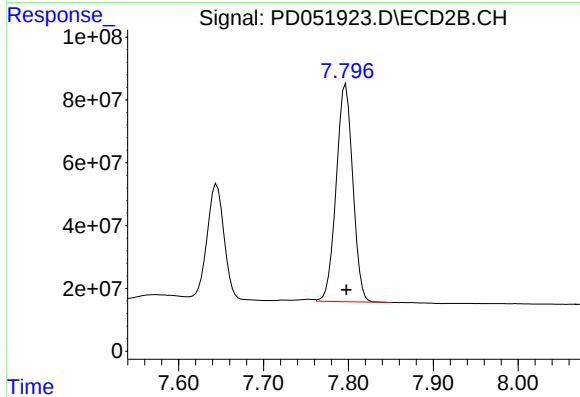
R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 491372024  
Conc: 44.64 ng/ml



#21 Endrin ketone

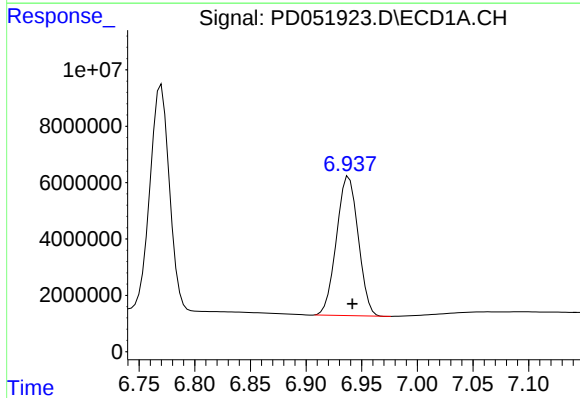
R.T.: 6.770 min  
Delta R.T.: -0.003 min  
Response: 97593338  
Conc: 52.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



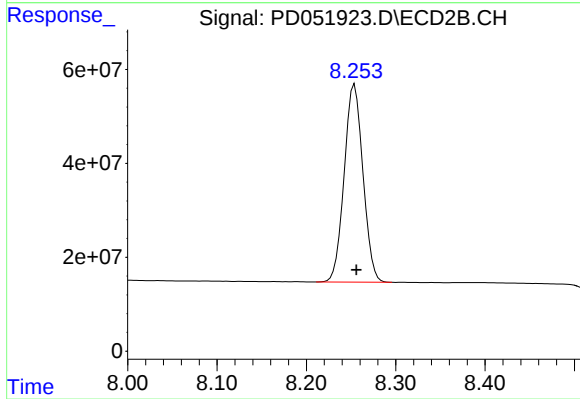
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: 0.000 min  
Response: 939669121  
Conc: 41.59 ng/ml



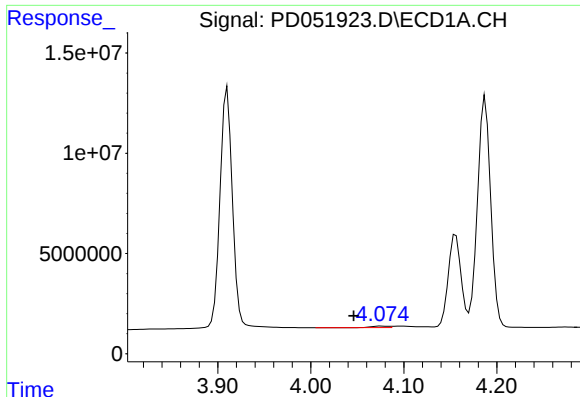
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: -0.003 min  
Response: 67172716  
Conc: 53.40 ng/ml



#22 Mirex

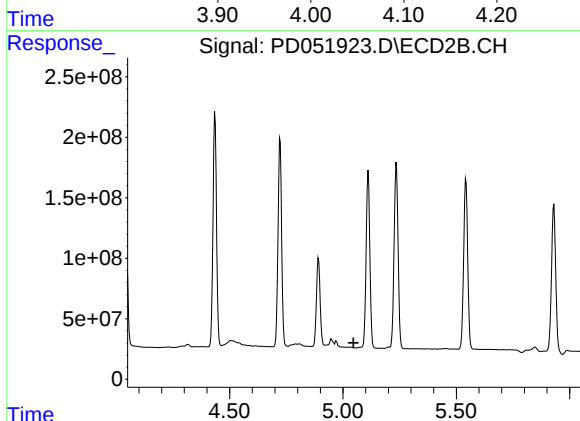
R.T.: 8.254 min  
Delta R.T.: -0.002 min  
Response: 615112503  
Conc: 39.75 ng/ml



#23 Chlordane-1

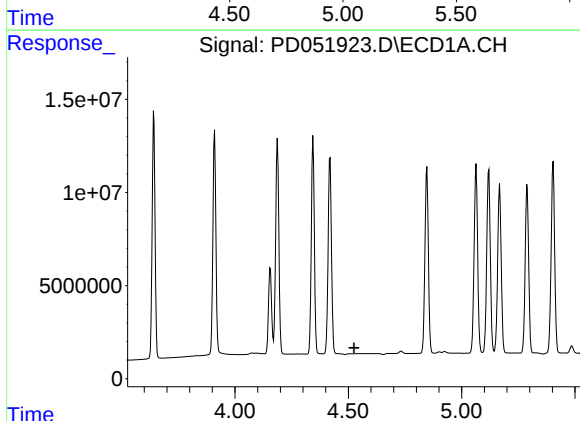
R.T.: 4.076 min  
Delta R.T.: 0.029 min  
Response: 920991  
Conc: 14.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



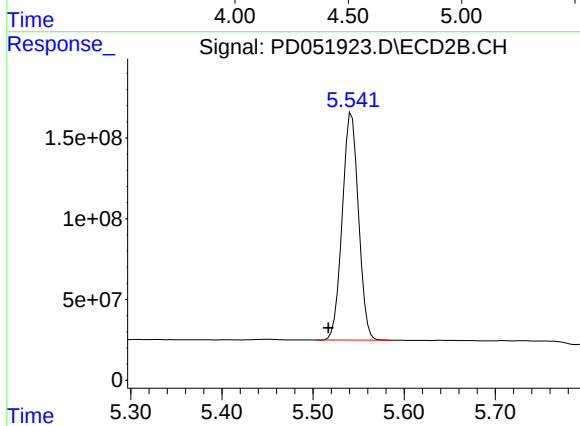
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.047 min  
Response: 0  
Conc: N.D.



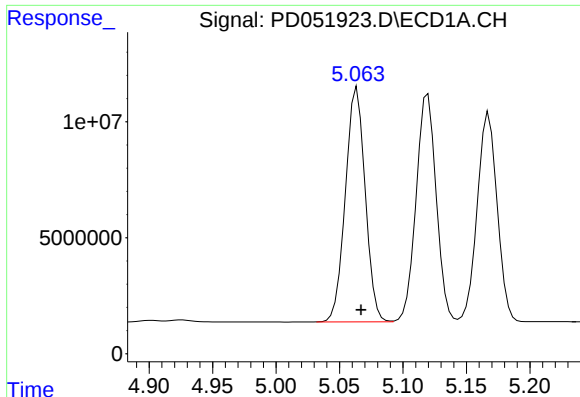
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.526 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

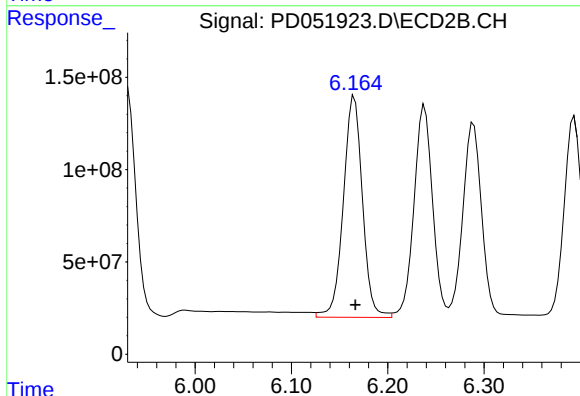
R.T.: 5.542 min  
Delta R.T.: 0.026 min  
Response: 1740722377  
Conc: 1227.60 ng/ml



#25 Chlordane-3

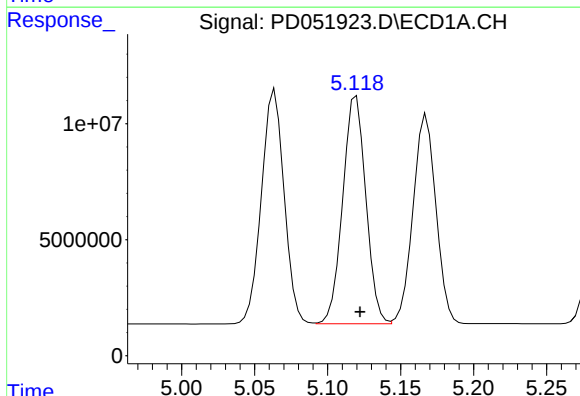
R.T.: 5.064 min  
Delta R.T.: -0.003 min  
Response: 109548089  
Conc: 470.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



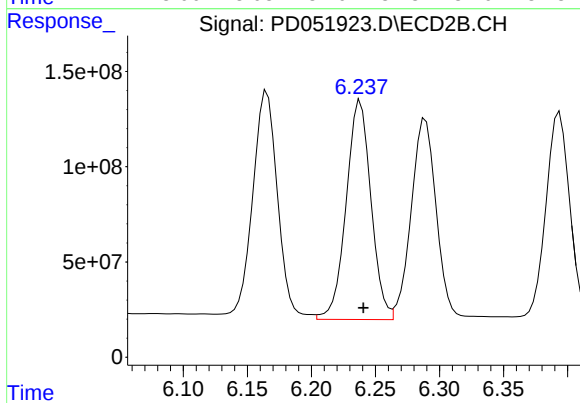
#25 Chlordane-3

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 1646309586  
Conc: 369.70 ng/ml



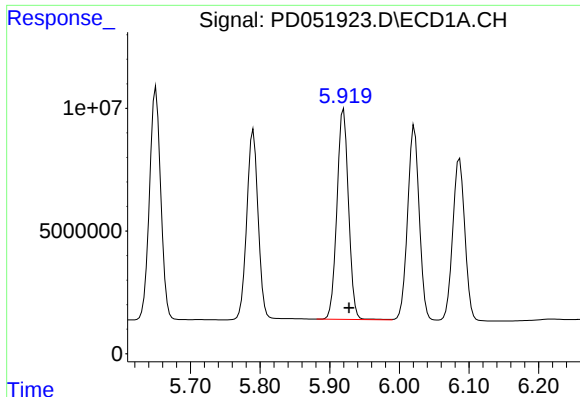
#26 Chlordane-4

R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 108255667  
Conc: 484.13 ng/ml



#26 Chlordane-4

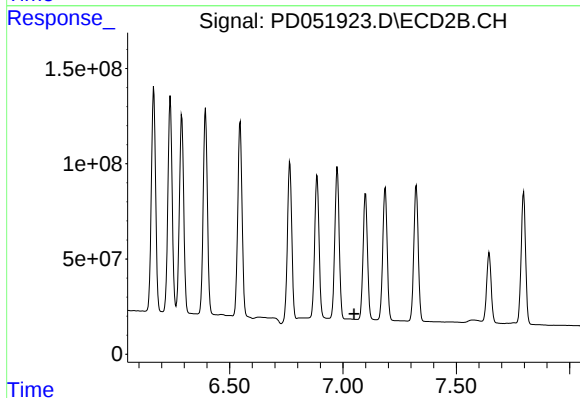
R.T.: 6.238 min  
Delta R.T.: -0.002 min  
Response: 1552501295  
Conc: 296.45 ng/ml



#27 Chlordane-5

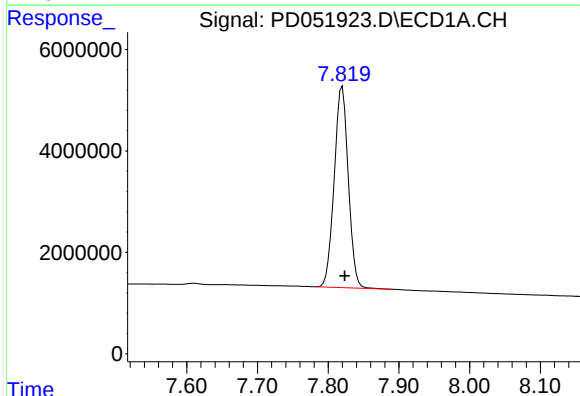
R.T.: 5.920 min  
Delta R.T.: -0.008 min  
Response: 99096808  
Conc: 1379.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



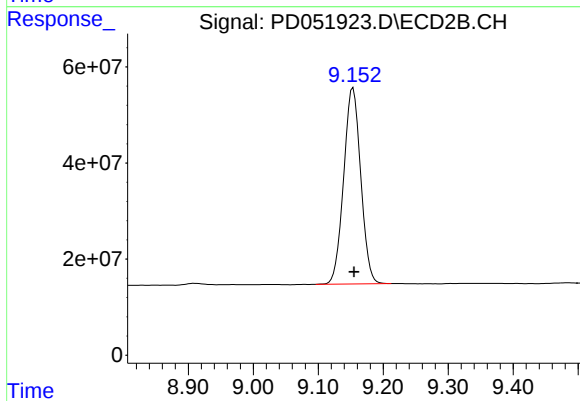
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.049 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.820 min  
Delta R.T.: -0.003 min  
Response: 54811267  
Conc: 48.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.154 min  
Delta R.T.: -0.002 min  
Response: 745684681  
Conc: 40.82 ng/ml