

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042621\  
 Data File : PD062452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2021 00:20  
 Operator : AR\AJ  
 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: Apr 27 01:43:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 23 23:19:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.484 | 3.981  | 40304648 | 504.1E6 | 49.485   | 47.864     |
| 28)                         | SA Decachlor... | 8.255 | 9.040  | 58091759 | 453.1E6 | 47.890   | 53.396     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.924 | 4.370  | 63834495 | 824.2E6 | 49.835   | 48.767     |
| 3)                          | MA gamma-BHC... | 4.209 | 4.654  | 60063373 | 746.5E6 | 48.805   | 47.531     |
| 4)                          | MA Heptachlor   | 4.511 | 5.162  | 63572432 | 731.6E6 | 48.503   | 46.684     |
| 5)                          | MB Aldrin       | 4.761 | 5.466  | 61570594 | 716.8E6 | 49.195   | 47.687     |
| 6)                          | B beta-BHC      | 4.458 | 4.824  | 28301704 | 316.0E6 | 47.009   | 47.231     |
| 7)                          | B delta-BHC     | 4.664 | 5.041  | 63189009 | 693.5E6 | 49.894   | 49.265     |
| 8)                          | B Heptachlor... | 5.205 | 5.852  | 58885188 | 625.8E6 | 47.962   | 45.557     |
| 9)                          | A Endosulfan I  | 5.545 | 6.209  | 56989322 | 619.8E6 | 48.313   | 47.325     |
| 10)                         | B gamma-Chl...  | 5.433 | 6.086  | 60856400 | 668.6E6 | 47.760   | 47.361     |
| 11)                         | B alpha-Chl...  | 5.491 | 6.159  | 62101870 | 622.6E6 | 49.500   | 45.354     |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.316  | 58187444 | 651.6E6 | 47.935   | 46.145     |
| 13)                         | MA Dieldrin     | 5.790 | 6.465  | 60508008 | 632.1E6 | 47.416   | 44.943     |
| 14)                         | MA Endrin       | 6.048 | 6.683  | 52759943 | 535.6E6 | 45.524   | 43.907     |
| 15)                         | B Endosulfa...  | 6.321 | 6.892  | 48303092 | 537.1E6 | 42.747   | 46.677     |
| 16)                         | A 4,4'-DDD      | 6.172 | 6.805  | 49720263 | 539.8E6 | 49.683   | 48.436     |
| 17)                         | MA 4,4'-DDT     | 6.413 | 7.104  | 48576972 | 535.9E6 | 47.570   | 53.736     |
| 18)                         | B Endrin al...  | 6.490 | 7.016  | 43496432 | 448.1E6 | 44.027   | 47.476     |
| 19)                         | B Endosulfa...  | 6.704 | 7.239  | 51552968 | 554.9E6 | 43.662   | 51.151     |
| 20)                         | A Methoxychlor  | 6.959 | 7.562  | 28564445 | 251.5E6 | 48.070   | 51.471     |
| 21)                         | B Endrin ke...  | 7.197 | 7.709  | 62808967 | 543.9E6 | 51.562   | 54.211     |
| 22)                         | Mirex           | 7.388 | 8.164  | 46673358 | 338.8E6 | 46.678   | 54.203     |
| 24)                         | Chlordane-2     | 0.000 | 5.466f | 0        | 716.8E6 | N.D.     | 1505.876 # |
| 25)                         | Chlordane-3     | 5.433 | 6.086  | 60856400 | 668.6E6 | 488.002  | 340.288 #  |
| 26)                         | Chlordane-4     | 5.491 | 6.159  | 62101870 | 622.6E6 | 592.639  | 273.437 #  |
| 27)                         | Chlordane-5     | 6.321 | 6.959  | 48303092 | 660543  | 1065.860 | 1.605 #    |
| -----                       |                 |       |        |          |         |          |            |

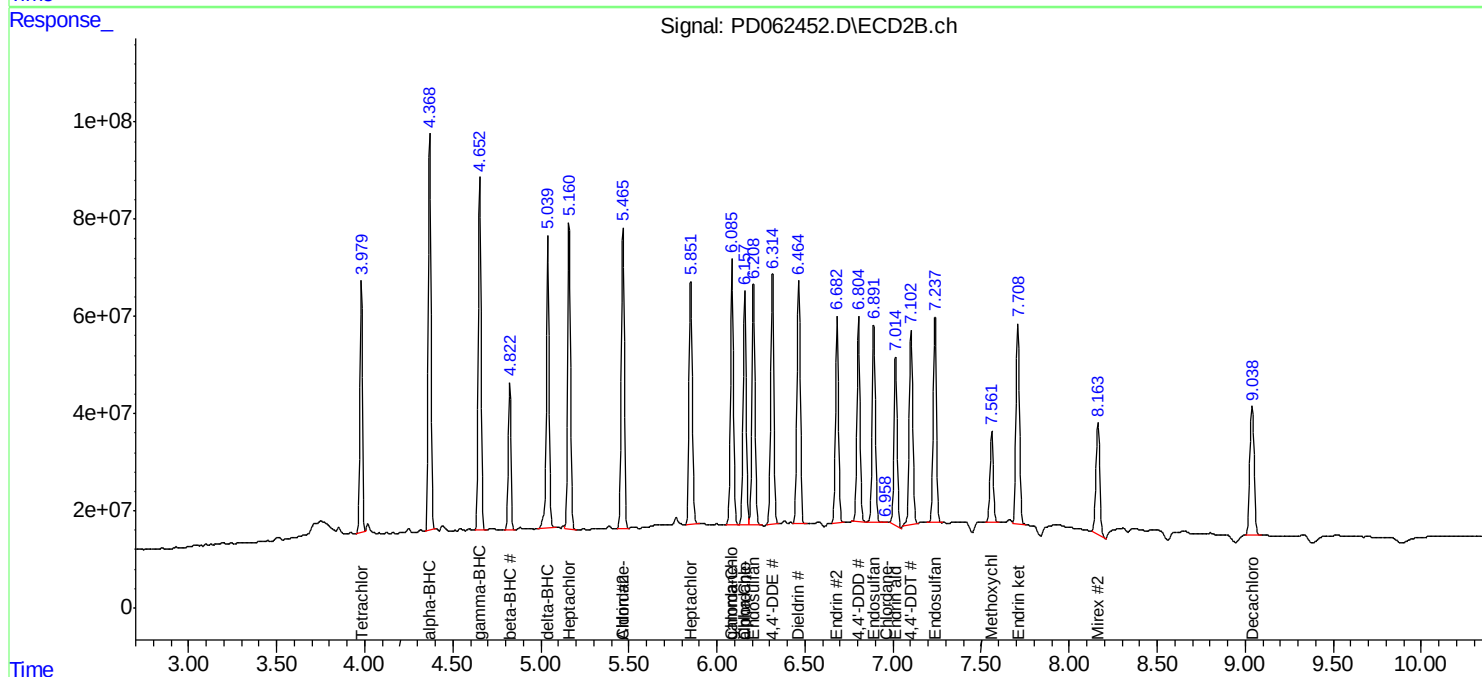
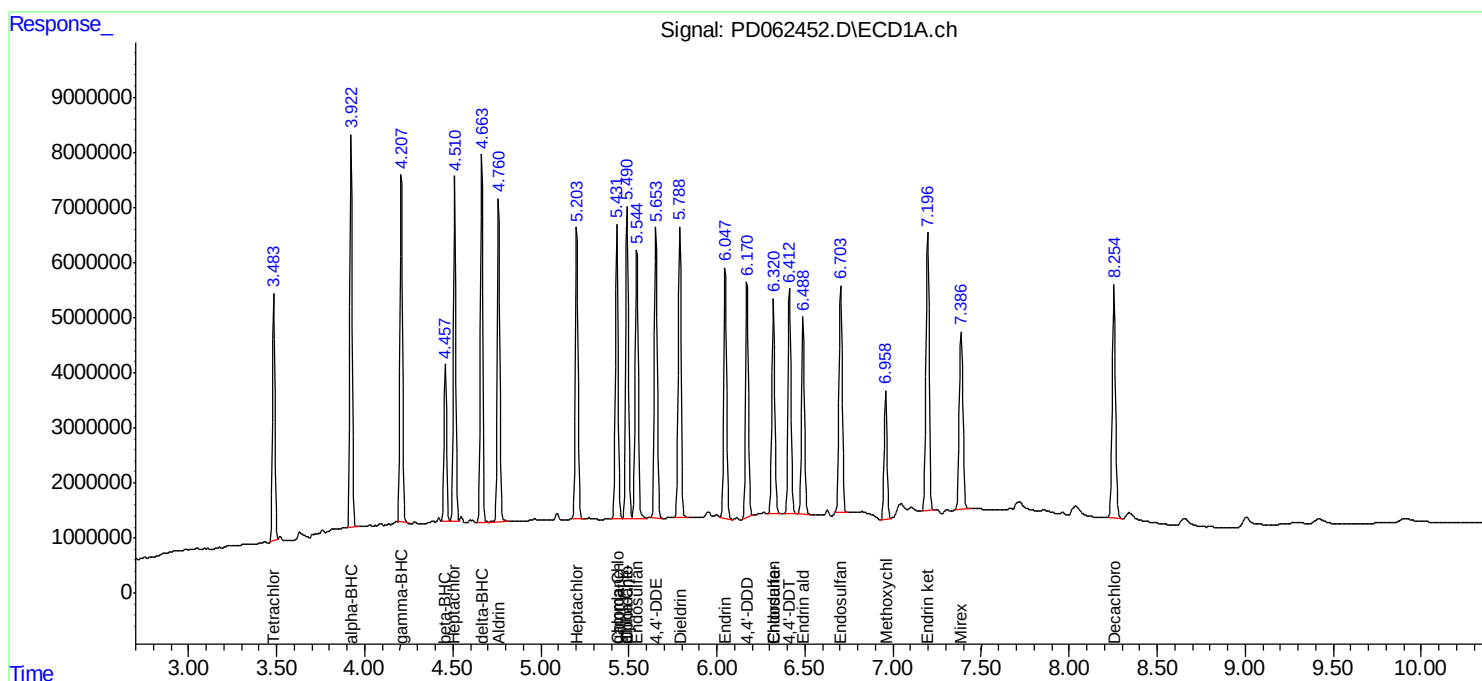
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

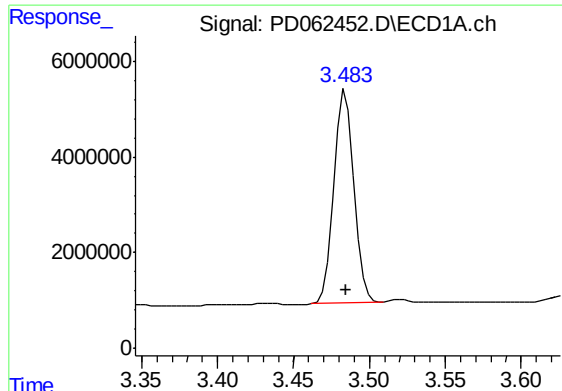
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042621\  
Data File : PD062452.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2021 00:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 27 01:43:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 23 23:19:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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

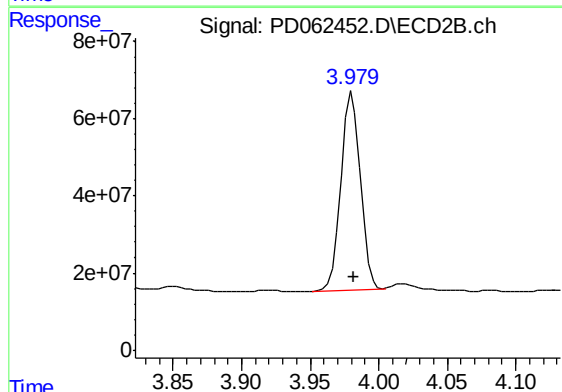




#1 Tetrachloro-m-xylene

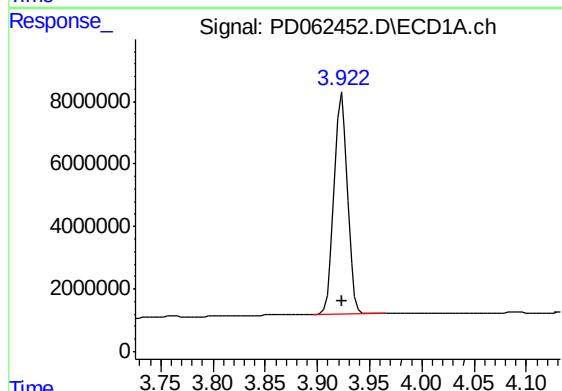
R.T.: 3.484 min  
Delta R.T.: 0.000 min  
Response: 40304648  
Conc: 49.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



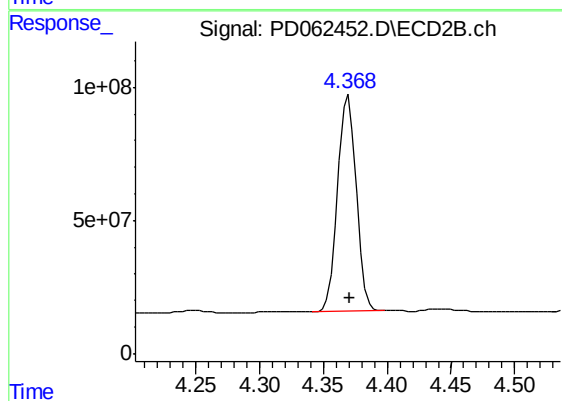
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 504071742  
Conc: 47.86 ng/ml



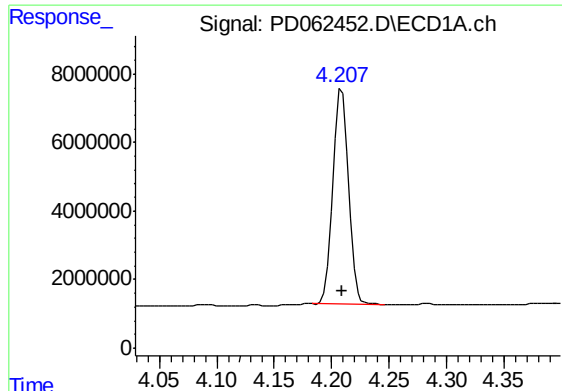
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 63834495  
Conc: 49.84 ng/ml



#2 alpha-BHC

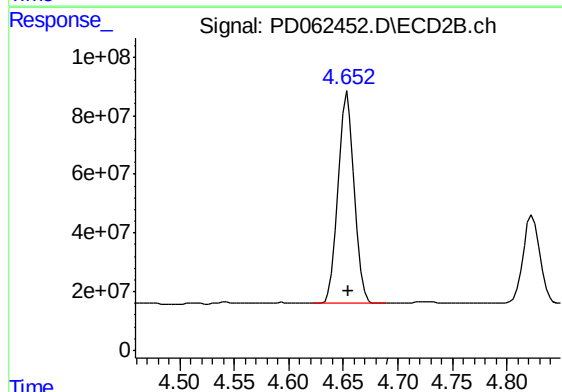
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 824174381  
Conc: 48.77 ng/ml



#3 gamma-BHC (Lindane)

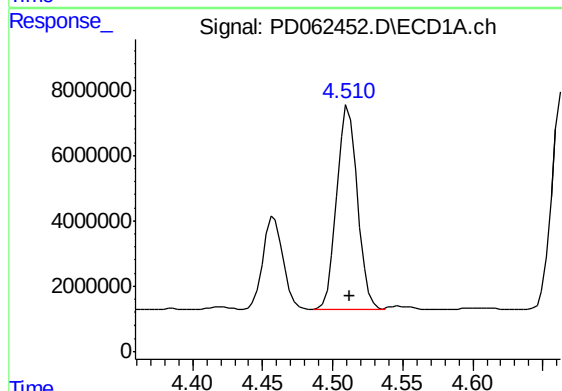
R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 60063373  
Conc: 48.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



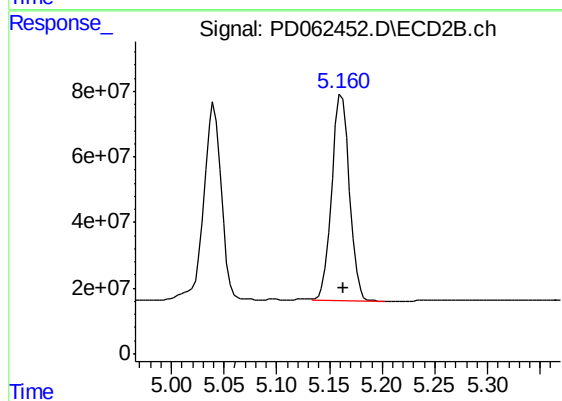
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 746528146  
Conc: 47.53 ng/ml



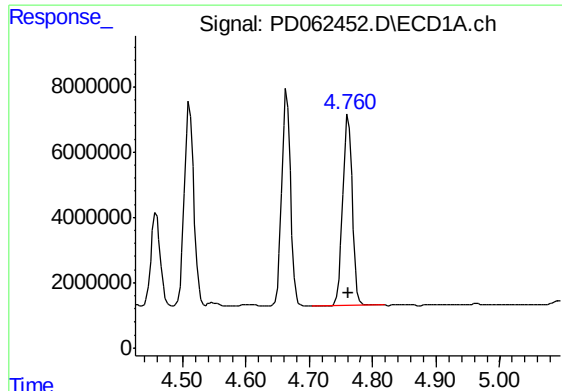
#4 Heptachlor

R.T.: 4.511 min  
Delta R.T.: -0.001 min  
Response: 63572432  
Conc: 48.50 ng/ml



#4 Heptachlor

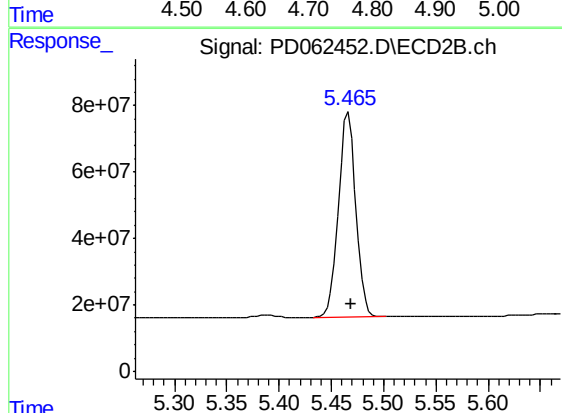
R.T.: 5.162 min  
Delta R.T.: -0.001 min  
Response: 731565667  
Conc: 46.68 ng/ml



#5 Aldrin

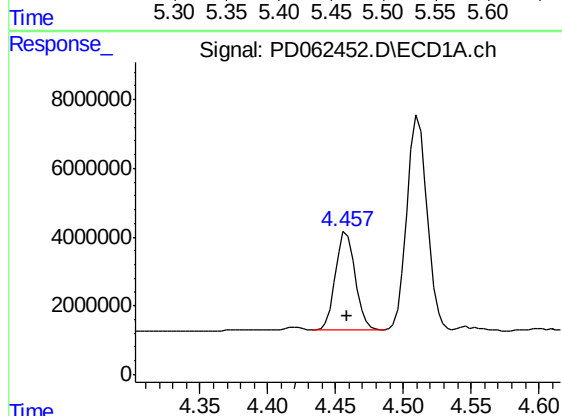
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 61570594  
Conc: 49.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



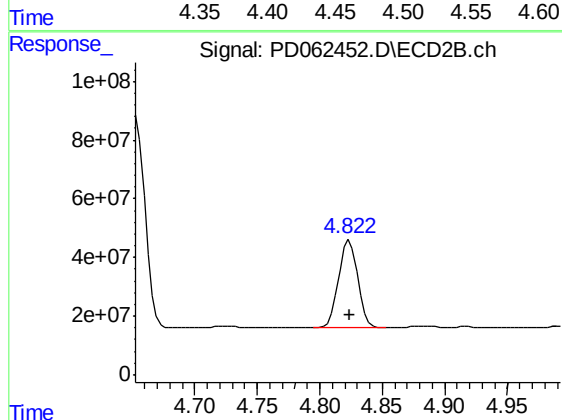
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 716835667  
Conc: 47.69 ng/ml



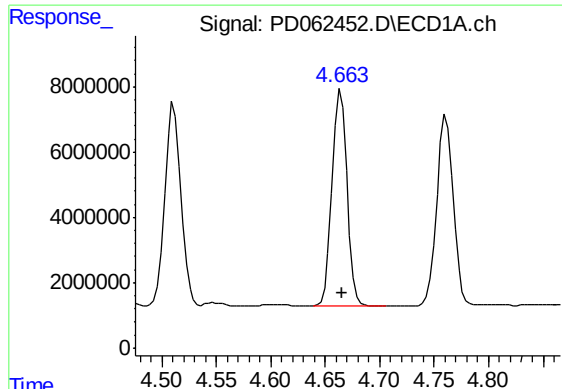
#6 beta-BHC

R.T.: 4.458 min  
Delta R.T.: 0.000 min  
Response: 28301704  
Conc: 47.01 ng/ml



#6 beta-BHC

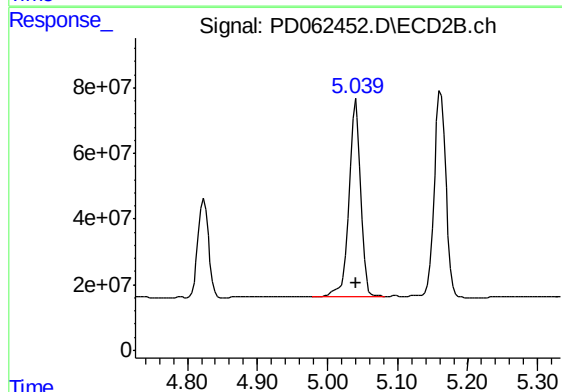
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 315981100  
Conc: 47.23 ng/ml



#7 delta-BHC

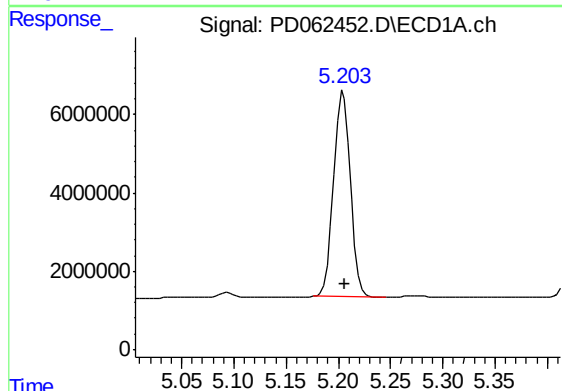
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 63189009  
Conc: 49.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



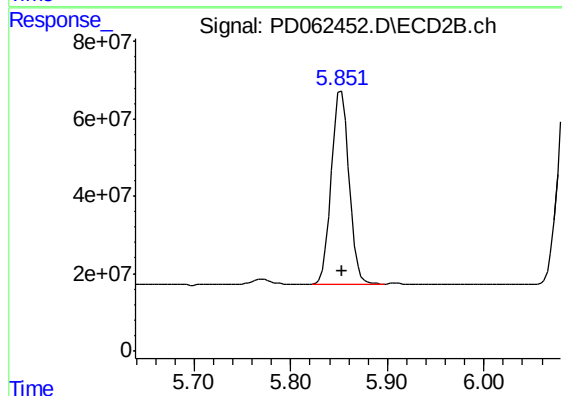
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 693508948  
Conc: 49.27 ng/ml



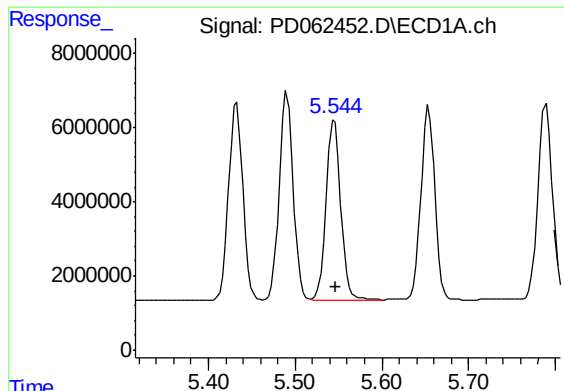
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: -0.001 min  
Response: 58885188  
Conc: 47.96 ng/ml



#8 Heptachlor epoxide

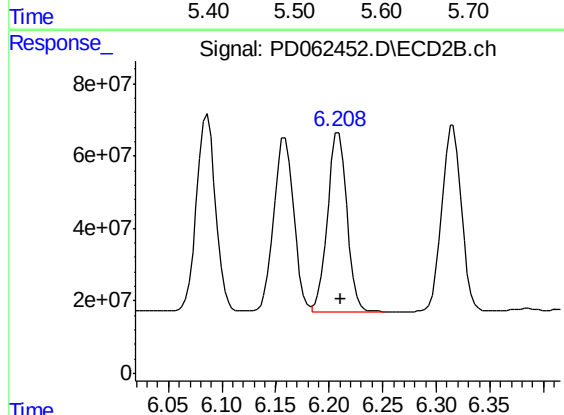
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 625813968  
Conc: 45.56 ng/ml



#9 Endosulfan I

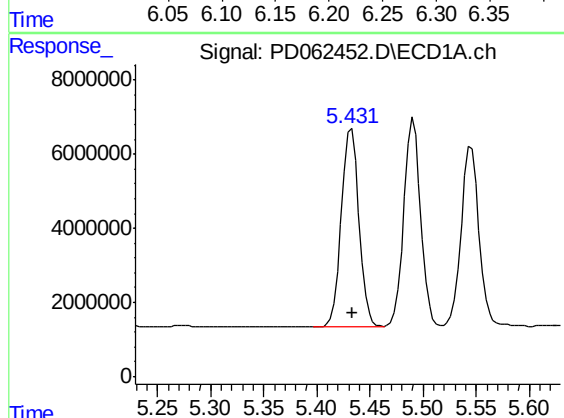
R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 56989322  
Conc: 48.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



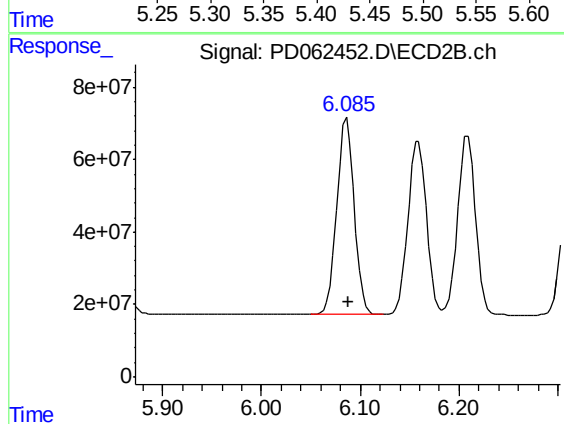
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: -0.001 min  
Response: 619792390  
Conc: 47.33 ng/ml



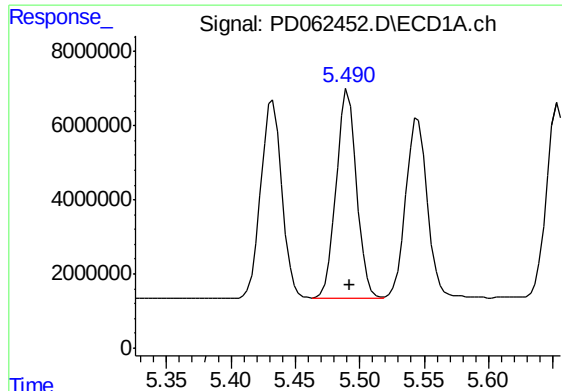
#10 gamma-Chlordane

R.T.: 5.433 min  
Delta R.T.: -0.001 min  
Response: 60856400  
Conc: 47.76 ng/ml



#10 gamma-Chlordane

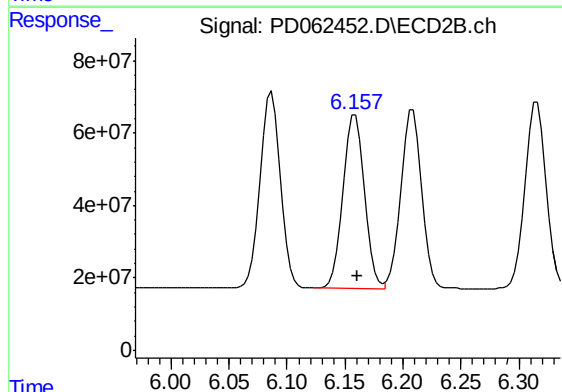
R.T.: 6.086 min  
Delta R.T.: -0.001 min  
Response: 668550914  
Conc: 47.36 ng/ml



#11 alpha-Chlordane

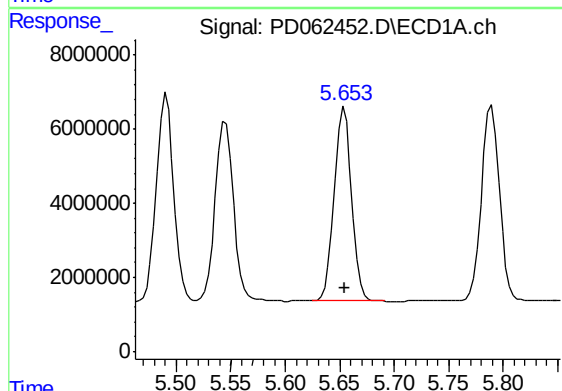
R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 62101870  
Conc: 49.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



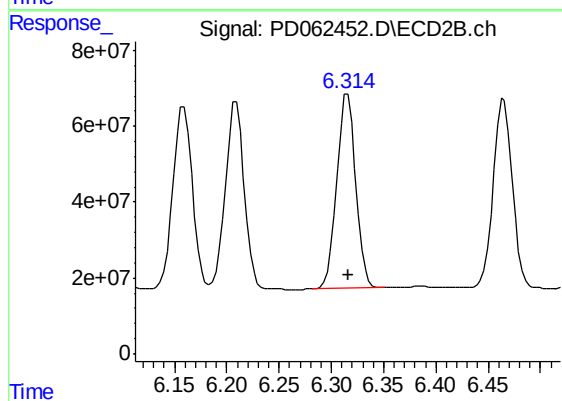
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: -0.002 min  
Response: 622620414  
Conc: 45.35 ng/ml



#12 4,4'-DDE

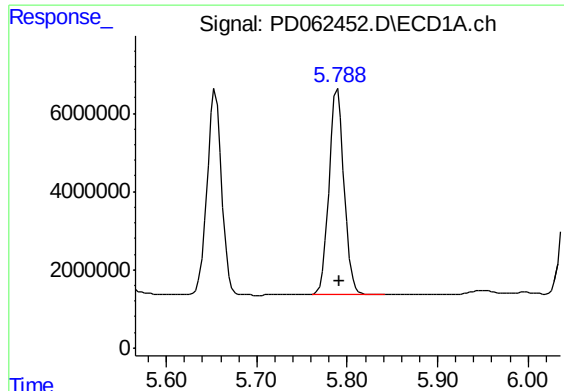
R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 58187444  
Conc: 47.93 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min  
Delta R.T.: -0.001 min  
Response: 651559583  
Conc: 46.15 ng/ml

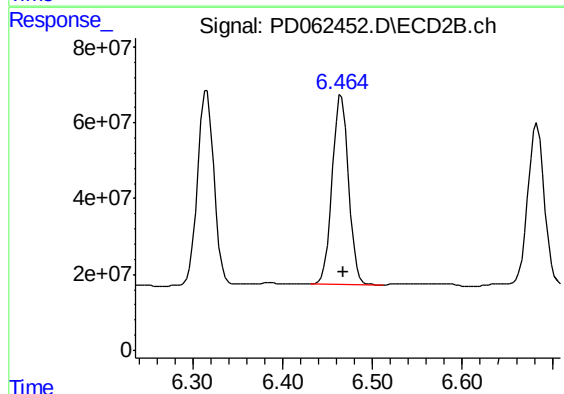




#13 Dieldrin

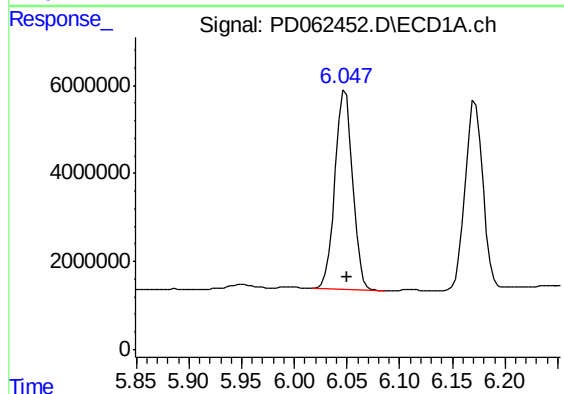
R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 60508008  
Conc: 47.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



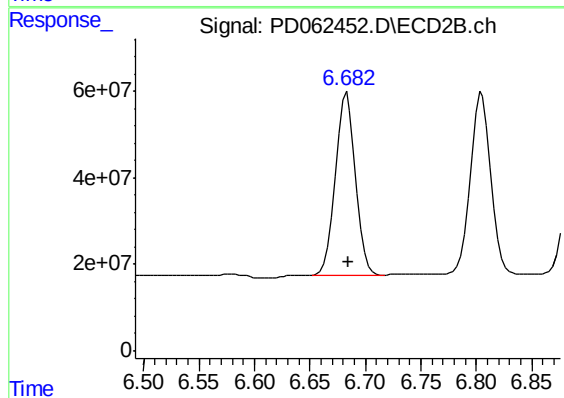
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 632128438  
Conc: 44.94 ng/ml



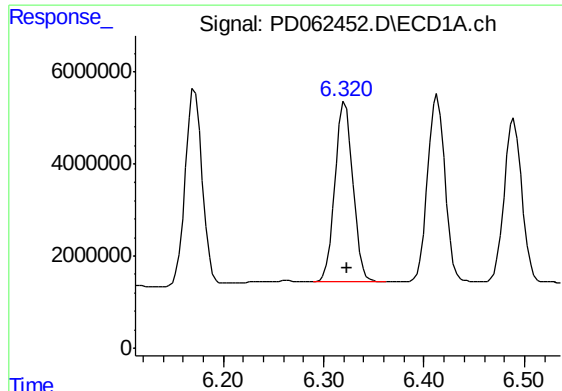
#14 Endrin

R.T.: 6.048 min  
Delta R.T.: -0.001 min  
Response: 52759943  
Conc: 45.52 ng/ml



#14 Endrin

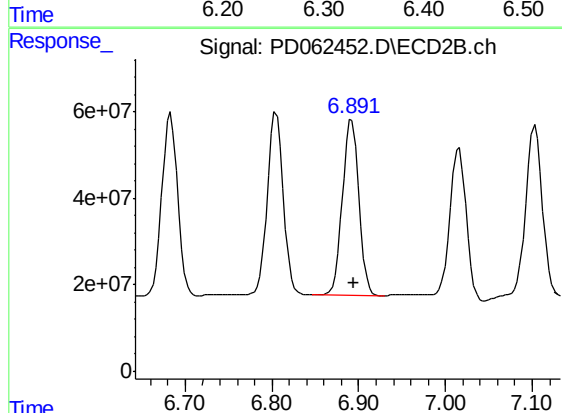
R.T.: 6.683 min  
Delta R.T.: -0.001 min  
Response: 535640414  
Conc: 43.91 ng/ml



#15 Endosulfan II

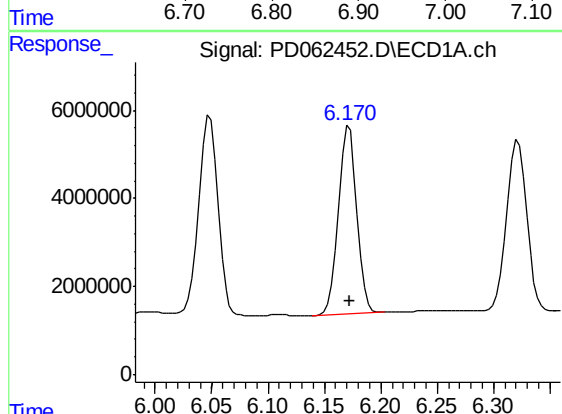
R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 48303092  
Conc: 42.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



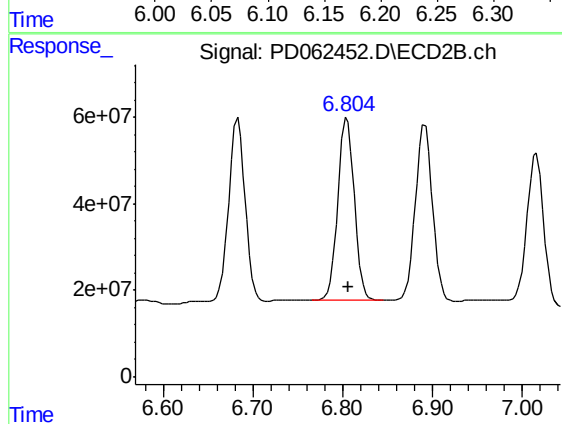
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: -0.002 min  
Response: 537137537  
Conc: 46.68 ng/ml



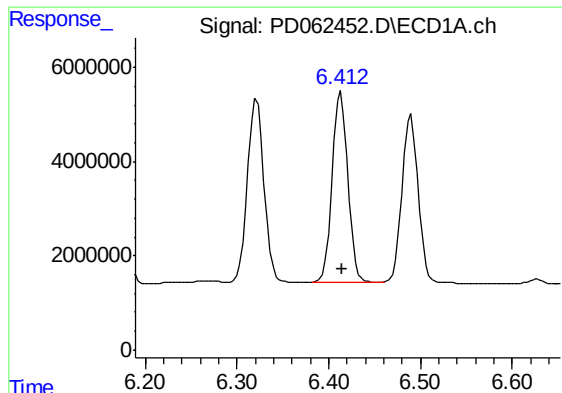
#16 4,4'-DDD

R.T.: 6.172 min  
Delta R.T.: -0.001 min  
Response: 49720263  
Conc: 49.68 ng/ml



#16 4,4'-DDD

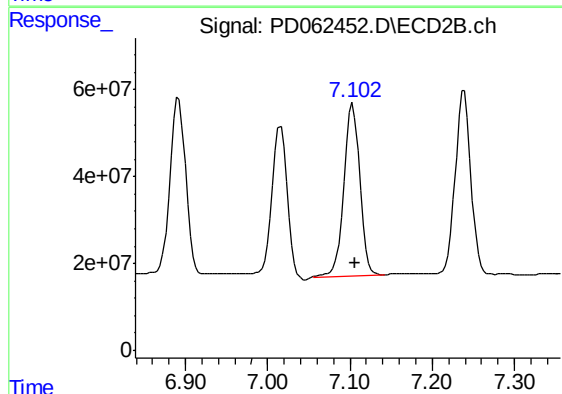
R.T.: 6.805 min  
Delta R.T.: -0.002 min  
Response: 539767478  
Conc: 48.44 ng/ml



#17 4,4'-DDT

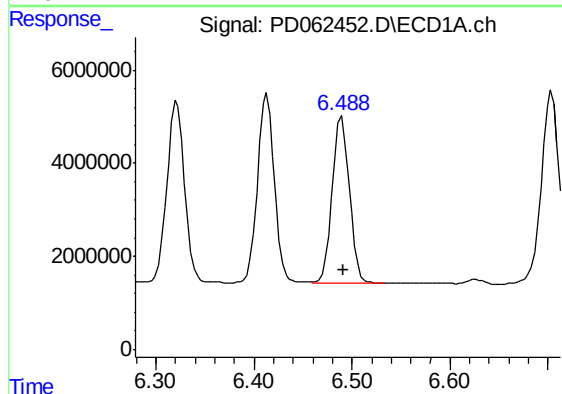
R.T.: 6.413 min  
Delta R.T.: -0.002 min  
Response: 48576972  
Conc: 47.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



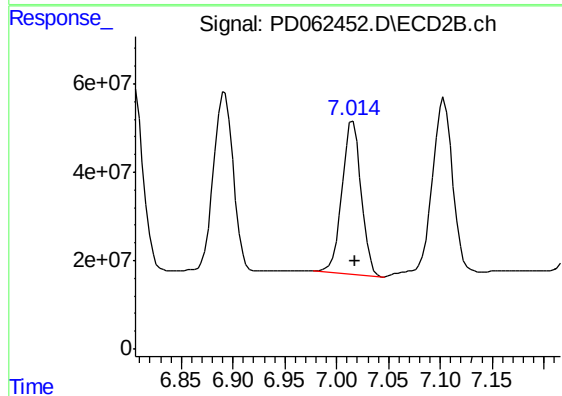
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: -0.002 min  
Response: 535868056  
Conc: 53.74 ng/ml



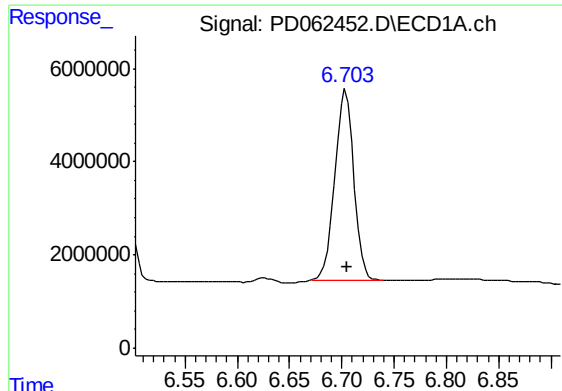
#18 Endrin aldehyde

R.T.: 6.490 min  
Delta R.T.: -0.002 min  
Response: 43496432  
Conc: 44.03 ng/ml



#18 Endrin aldehyde

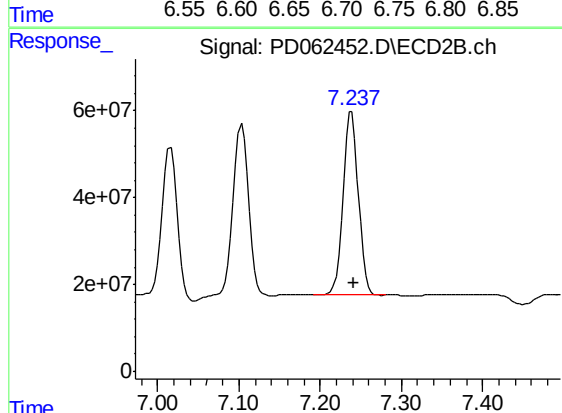
R.T.: 7.016 min  
Delta R.T.: -0.002 min  
Response: 448127986  
Conc: 47.48 ng/ml



#19 Endosulfan Sulfate

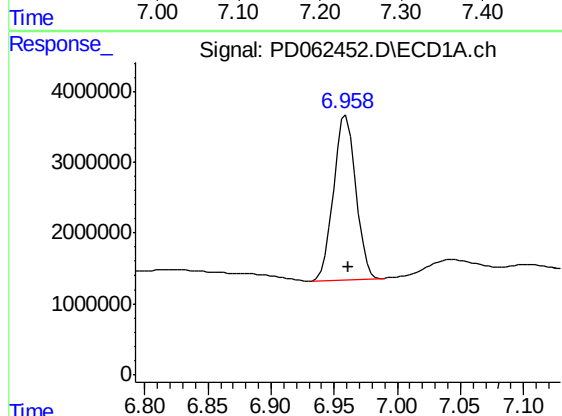
R.T.: 6.704 min  
Delta R.T.: -0.001 min  
Response: 51552968  
Conc: 43.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



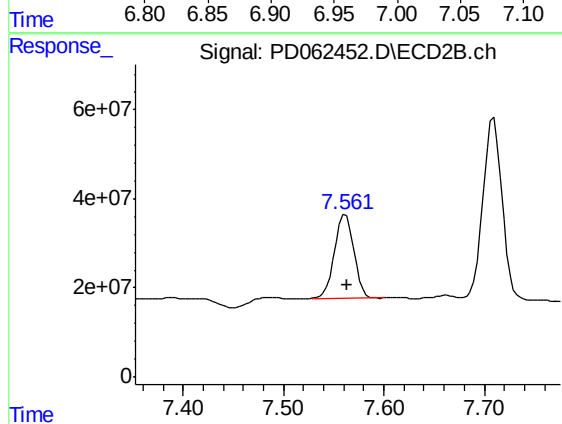
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: -0.002 min  
Response: 554910640  
Conc: 51.15 ng/ml



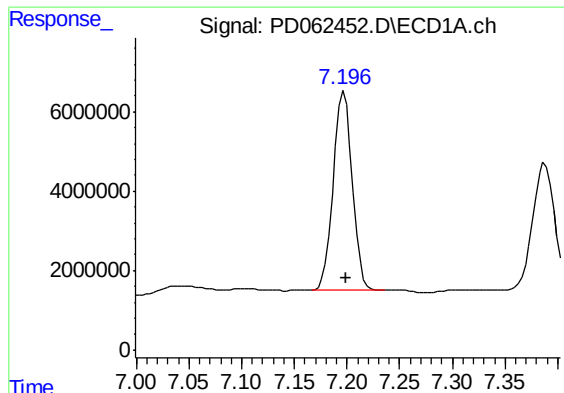
#20 Methoxychlor

R.T.: 6.959 min  
Delta R.T.: -0.002 min  
Response: 28564445  
Conc: 48.07 ng/ml



#20 Methoxychlor

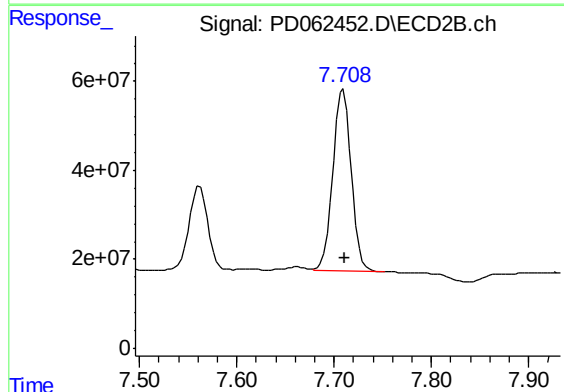
R.T.: 7.562 min  
Delta R.T.: -0.001 min  
Response: 251469497  
Conc: 51.47 ng/ml



#21 Endrin ketone

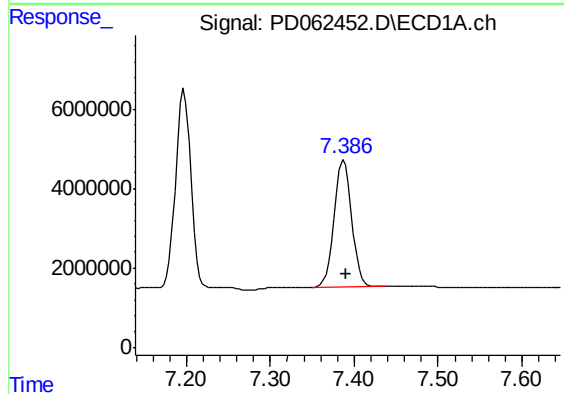
R.T.: 7.197 min  
Delta R.T.: -0.002 min  
Response: 62808967  
Conc: 51.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



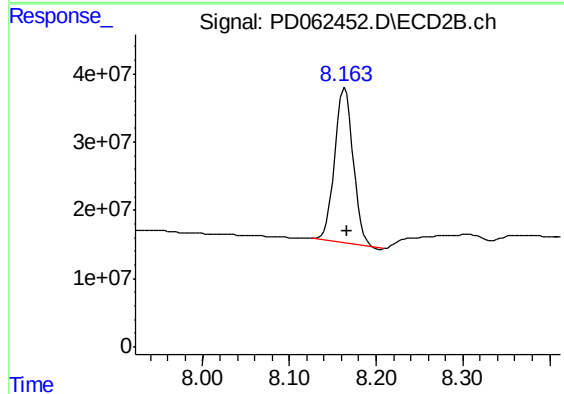
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.002 min  
Response: 543865114  
Conc: 54.21 ng/ml



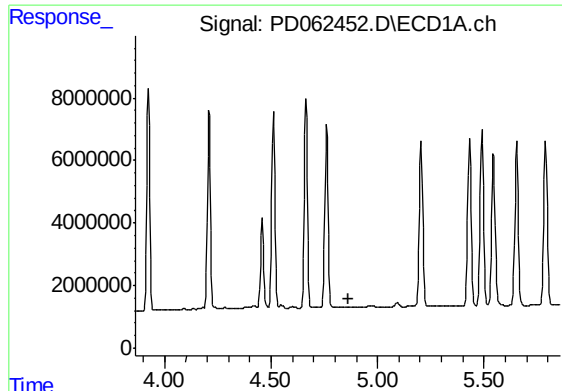
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: -0.002 min  
Response: 46673358  
Conc: 46.68 ng/ml



#22 Mirex

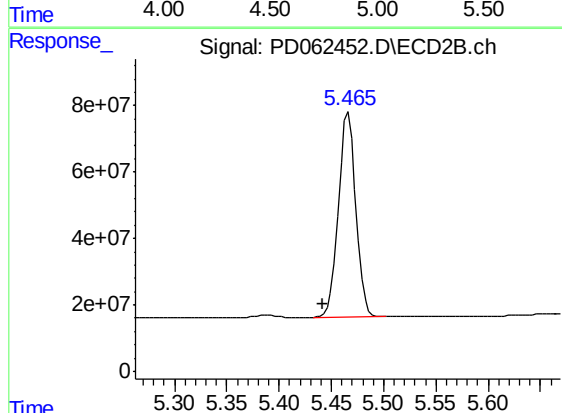
R.T.: 8.164 min  
Delta R.T.: -0.002 min  
Response: 338797969  
Conc: 54.20 ng/ml



#24 Chlordane-2

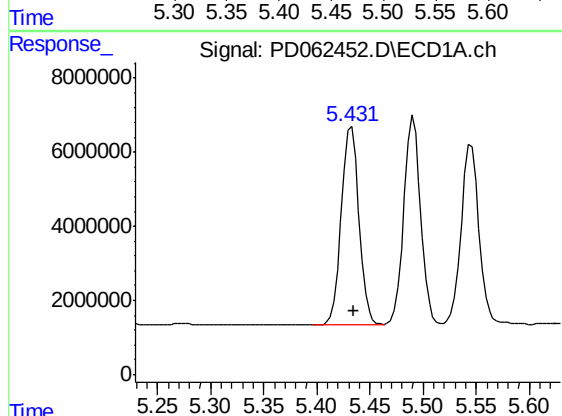
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



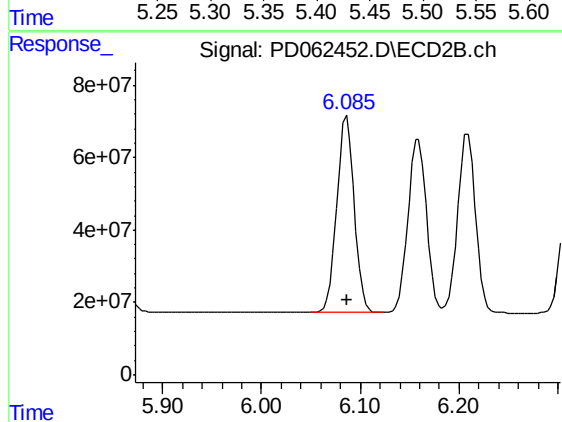
#24 Chlordane-2

R.T.: 5.466 min  
Delta R.T.: 0.025 min  
Response: 716835667  
Conc: 1505.88 ng/ml



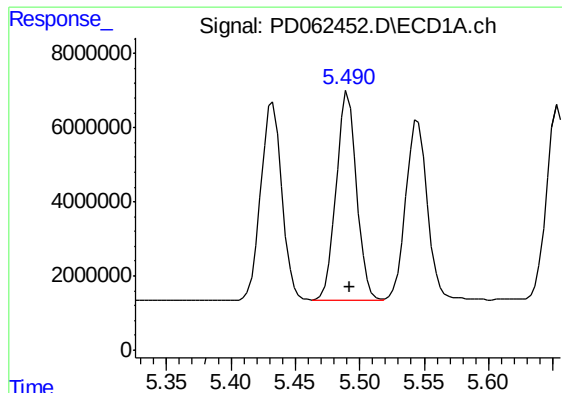
#25 Chlordane-3

R.T.: 5.433 min  
Delta R.T.: -0.001 min  
Response: 60856400  
Conc: 488.00 ng/ml



#25 Chlordane-3

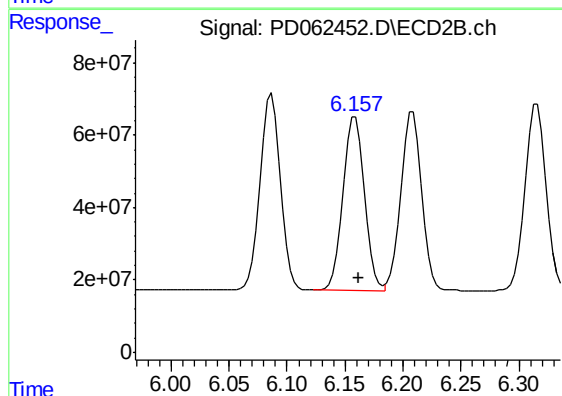
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 668550914  
Conc: 340.29 ng/ml



#26 Chlordane-4

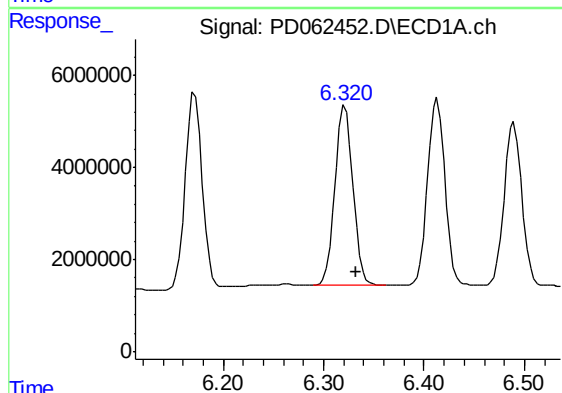
R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 62101870  
Conc: 592.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



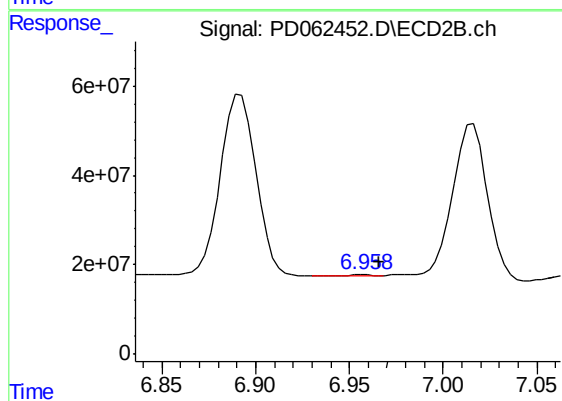
#26 Chlordane-4

R.T.: 6.159 min  
Delta R.T.: -0.003 min  
Response: 622620414  
Conc: 273.44 ng/ml



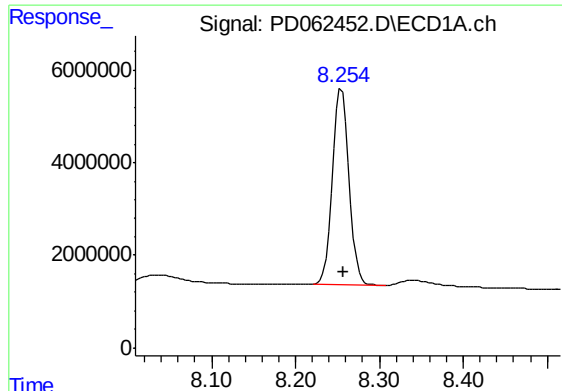
#27 Chlordane-5

R.T.: 6.321 min  
Delta R.T.: -0.011 min  
Response: 48303092  
Conc: 1065.86 ng/ml



#27 Chlordane-5

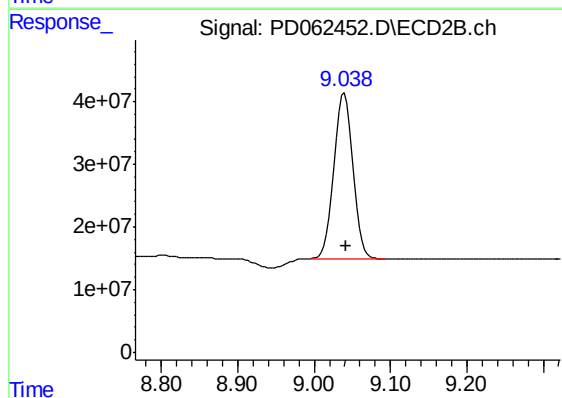
R.T.: 6.959 min  
Delta R.T.: -0.008 min  
Response: 660543  
Conc: 1.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.002 min  
Response: 58091759  
Conc: 47.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.040 min  
Delta R.T.: -0.002 min  
Response: 453068981  
Conc: 53.40 ng/ml