

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051221\  
 Data File : PD062861.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2021 09:37  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 12 03:55:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 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

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|---------|----------|------------|
| -----                       |                 |        |        |          |         |          |            |
| System Monitoring Compounds |                 |        |        |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.441  | 3.971  | 49819040 | 556.4E6 | 56.026   | 48.064     |
| 28)                         | SA Decachlor... | 8.199  | 9.028  | 58436134 | 625.4E6 | 55.196   | 54.199     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.878  | 4.359  | 78988031 | 953.0E6 | 56.801   | 49.503     |
| 3)                          | MA gamma-BHC... | 4.161  | 4.644  | 73171562 | 859.6E6 | 55.996   | 49.732     |
| 4)                          | MA Heptachlor   | 4.462  | 5.151  | 70609028 | 856.8E6 | 55.617   | 48.814     |
| 5)                          | MB Aldrin       | 4.710  | 5.456  | 68663428 | 830.3E6 | 57.030   | 49.646     |
| 6)                          | B beta-BHC      | 4.412  | 4.814  | 32747466 | 368.6E6 | 54.659   | 48.335     |
| 7)                          | B delta-BHC     | 4.616  | 5.031  | 75743234 | 795.7E6 | 56.175   | 44.083     |
| 8)                          | B Heptachlo...  | 5.153  | 5.842  | 64202285 | 746.7E6 | 55.486   | 46.747     |
| 9)                          | A Endosulfan I  | 5.492  | 6.199  | 60472240 | 723.2E6 | 55.202   | 48.995     |
| 10)                         | B gamma-Chl...  | 5.380  | 6.077  | 65424979 | 790.2E6 | 55.585   | 49.666     |
| 11)                         | B alpha-Chl...  | 5.439  | 6.149  | 64241619 | 758.2E6 | 55.469   | 49.664     |
| 12)                         | B 4,4'-DDE      | 5.603  | 6.306  | 63562368 | 775.1E6 | 55.276   | 48.938     |
| 13)                         | MA Dieldrin     | 5.736  | 6.456  | 66036577 | 793.1E6 | 54.989   | 49.085     |
| 14)                         | MA Endrin       | 5.993  | 6.673  | 57957903 | 689.8E6 | 52.149   | 49.060     |
| 15)                         | B Endosulfa...  | 6.266  | 6.882  | 56124241 | 643.9E6 | 53.874   | 48.200     |
| 16)                         | A 4,4'-DDD      | 6.119  | 6.796  | 54141835 | 650.9E6 | 56.858   | 50.370     |
| 17)                         | MA 4,4'-DDT     | 6.360  | 7.094  | 53454468 | 639.9E6 | 55.678   | 50.236     |
| 18)                         | B Endrin al...  | 6.435  | 7.006  | 47566930 | 540.9E6 | 50.989   | 46.362     |
| 19)                         | B Endosulfa...  | 6.649  | 7.229  | 56314177 | 680.0E6 | 53.783   | 48.894     |
| 20)                         | A Methoxychlor  | 6.907  | 7.552  | 30668998 | 323.0E6 | 52.098   | 48.386     |
| 21)                         | B Endrin ke...  | 7.141  | 7.699  | 69805250 | 684.0E6 | 55.993   | 50.399     |
| 22)                         | Mirex           | 7.329  | 8.154  | 49699656 | 437.9E6 | 54.288   | 47.804     |
| 23)                         | Chlordane-1     | 4.337f | 0.000  | 67820    | 0       | 1.923    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.456f | 0        | 830.3E6 | N.D.     | 1555.261 # |
| 25)                         | Chlordane-3     | 5.380  | 6.077  | 65424979 | 790.2E6 | 552.132  | 353.587 #  |
| 26)                         | Chlordane-4     | 5.439  | 6.149  | 64241619 | 758.2E6 | 662.456  | 293.951 #  |
| 27)                         | Chlordane-5     | 6.266  | 0.000  | 56124241 | 0       | 1287.467 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

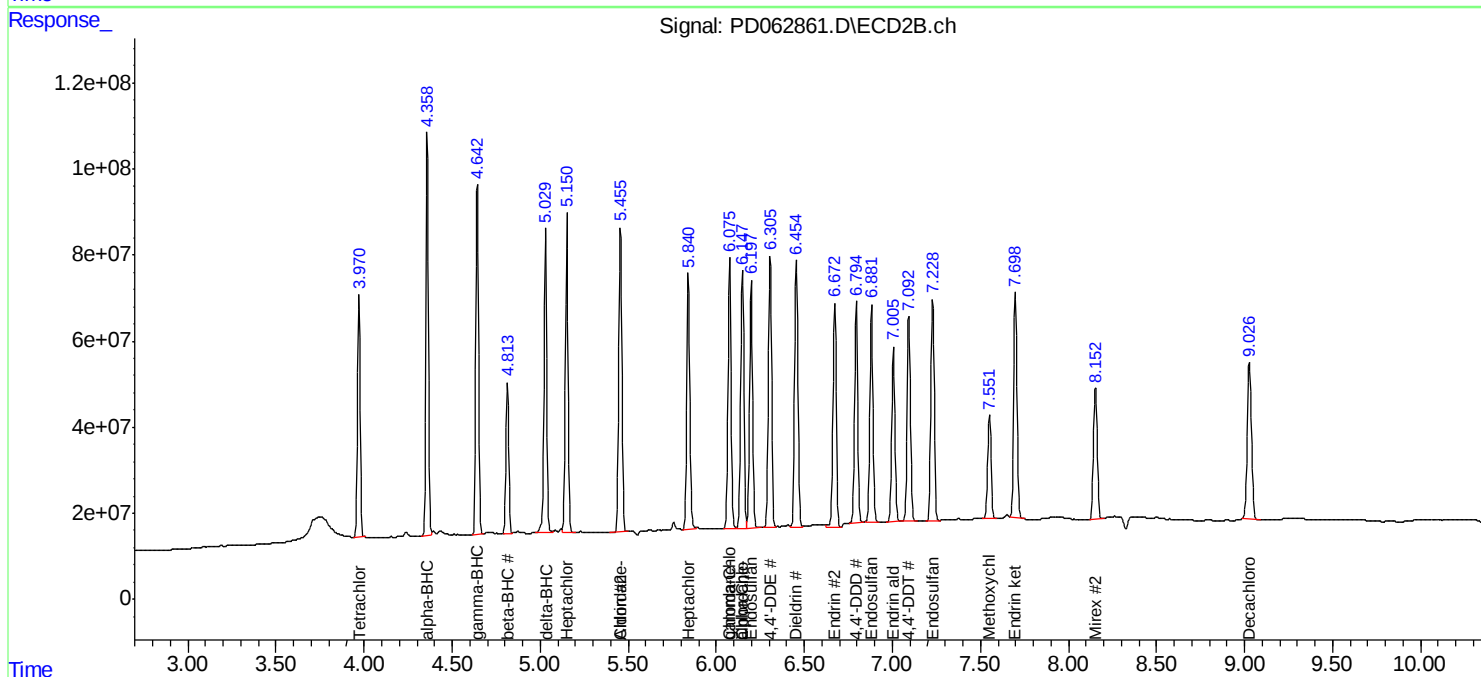
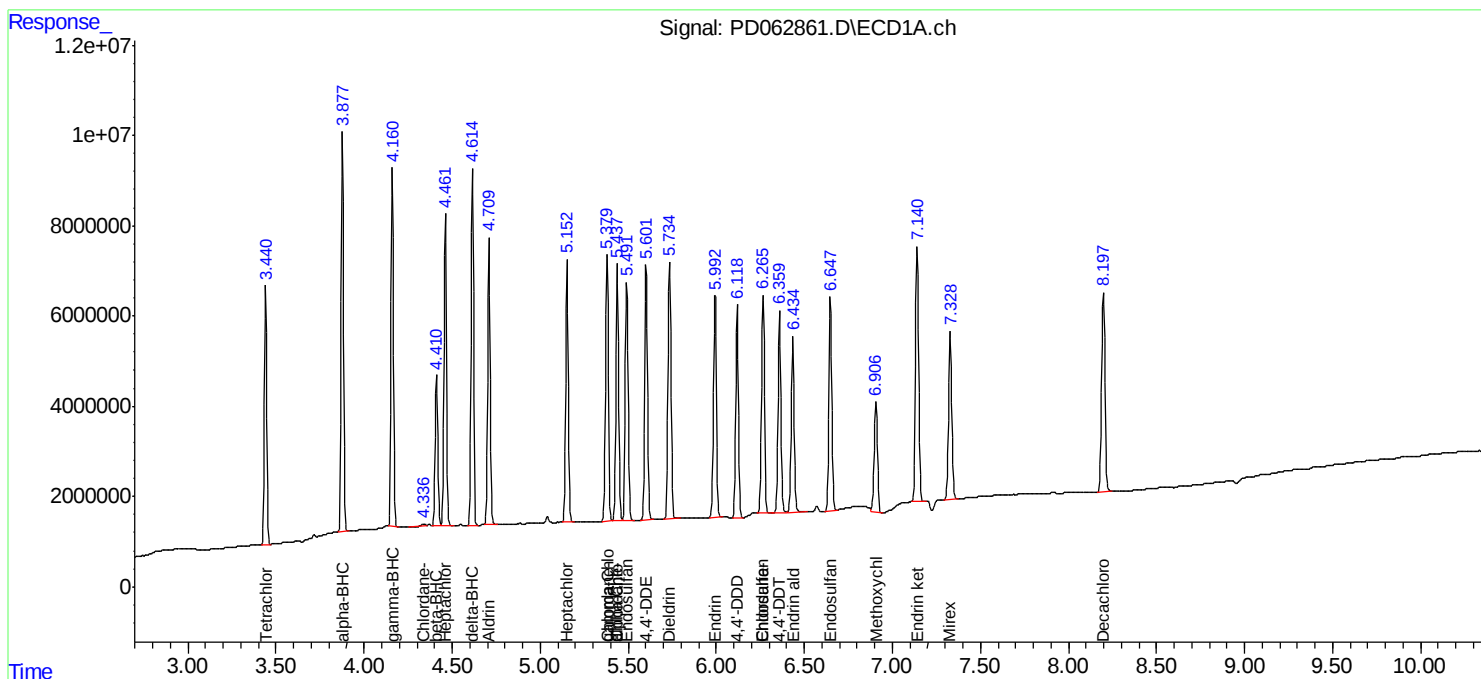
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

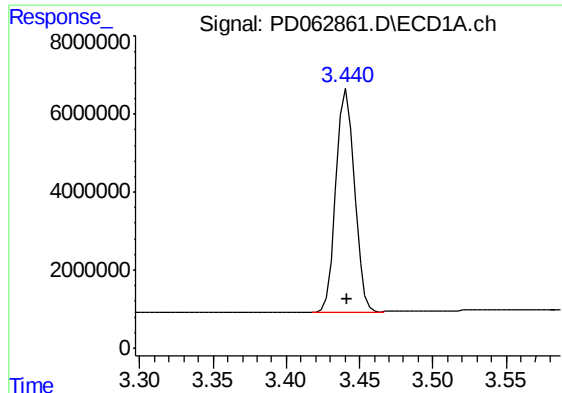
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051221\  
Data File : PD062861.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2021 09:37  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 12 03:55:28 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
Quant Title : GC Extractables  
QLast Update : Thu May 06 08:49:38 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

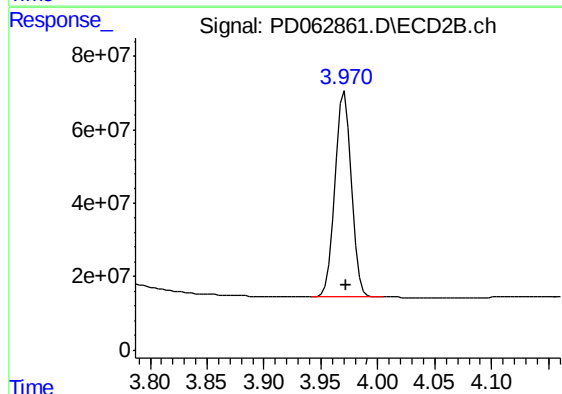




#1 Tetrachloro-m-xylene

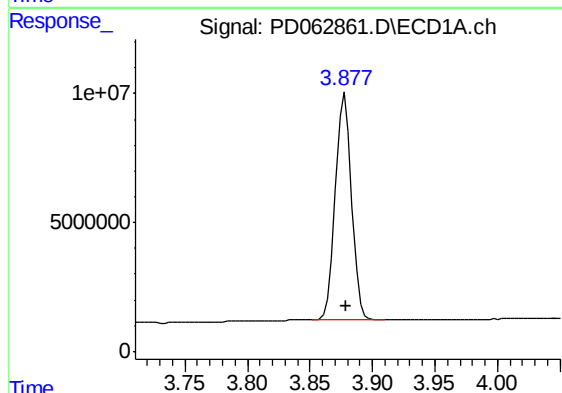
R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 49819040  
Conc: 56.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



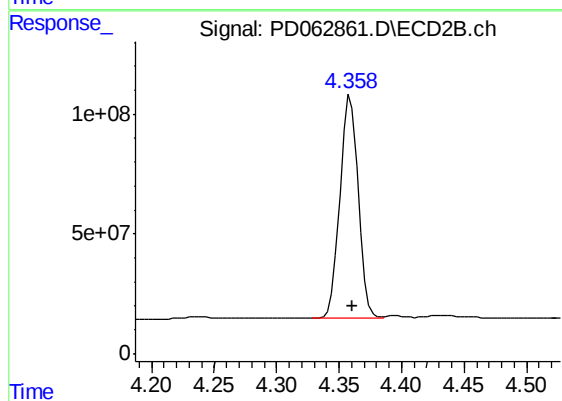
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 556440128  
Conc: 48.06 ng/ml



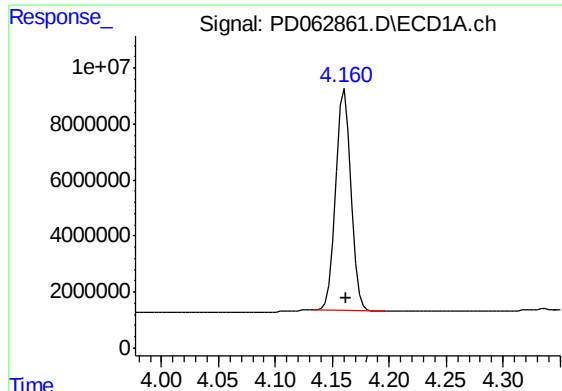
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 78988031  
Conc: 56.80 ng/ml



#2 alpha-BHC

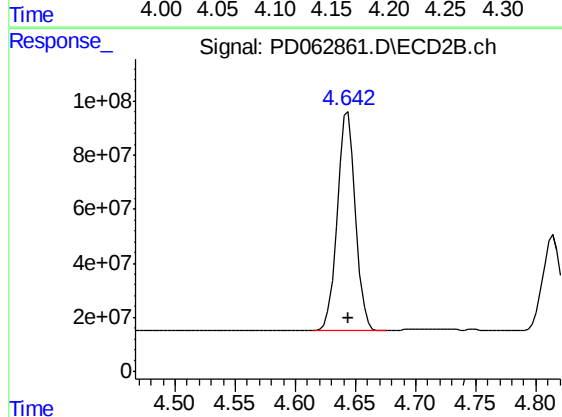
R.T.: 4.359 min  
Delta R.T.: -0.001 min  
Response: 953040761  
Conc: 49.50 ng/ml



#3 gamma-BHC (Lindane)

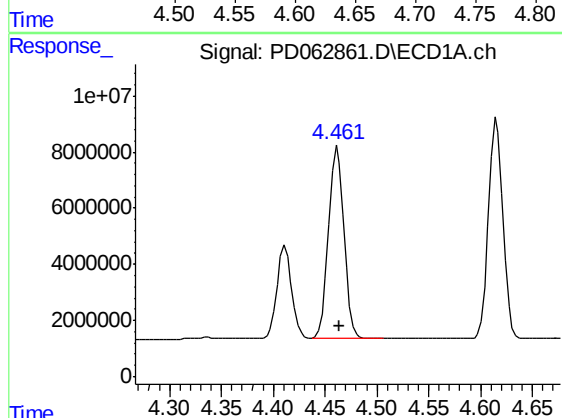
R.T.: 4.161 min  
Delta R.T.: -0.001 min  
Response: 73171562  
Conc: 56.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



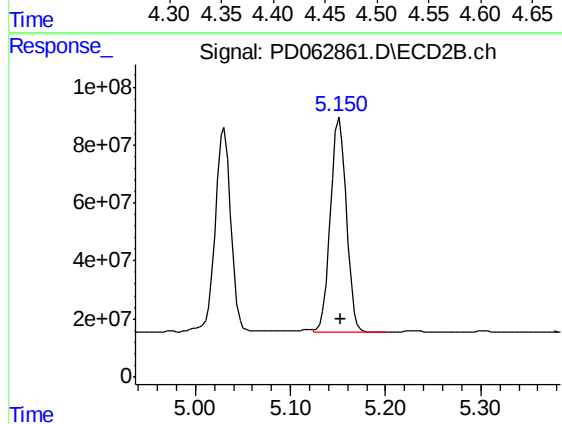
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: -0.001 min  
Response: 859579946  
Conc: 49.73 ng/ml



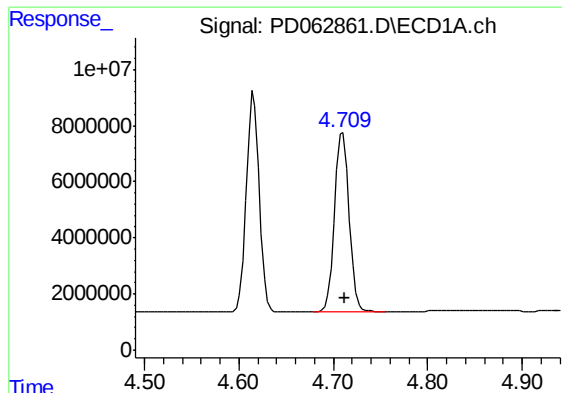
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: -0.002 min  
Response: 70609028  
Conc: 55.62 ng/ml



#4 Heptachlor

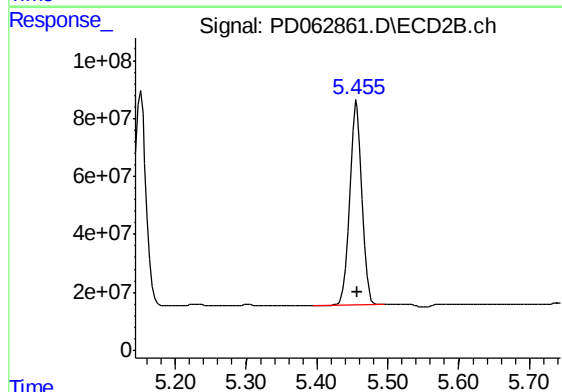
R.T.: 5.151 min  
Delta R.T.: -0.002 min  
Response: 856787485  
Conc: 48.81 ng/ml



#5 Aldrin

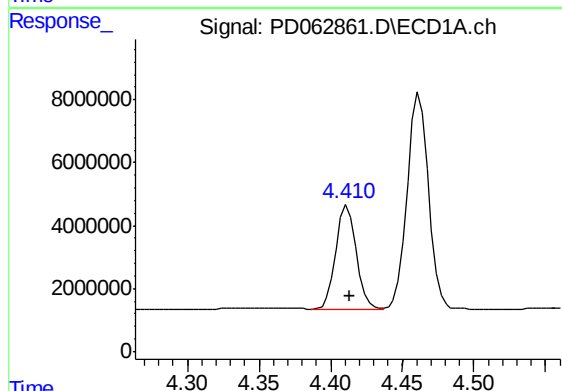
R.T.: 4.710 min  
Delta R.T.: -0.002 min  
Response: 68663428  
Conc: 57.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



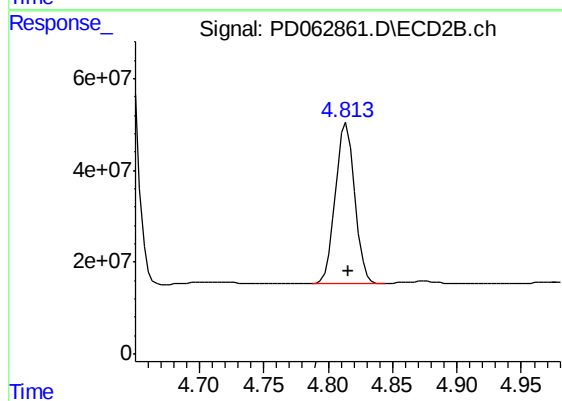
#5 Aldrin

R.T.: 5.456 min  
Delta R.T.: -0.002 min  
Response: 830306095  
Conc: 49.65 ng/ml



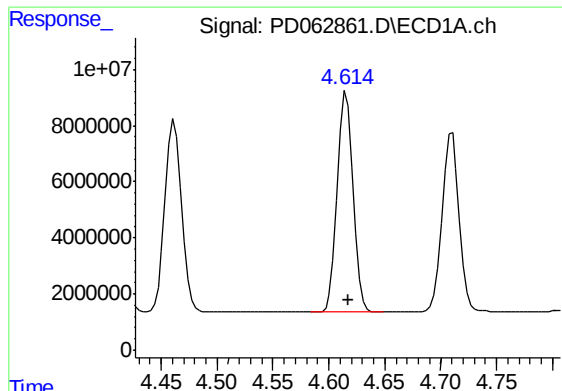
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.002 min  
Response: 32747466  
Conc: 54.66 ng/ml



#6 beta-BHC

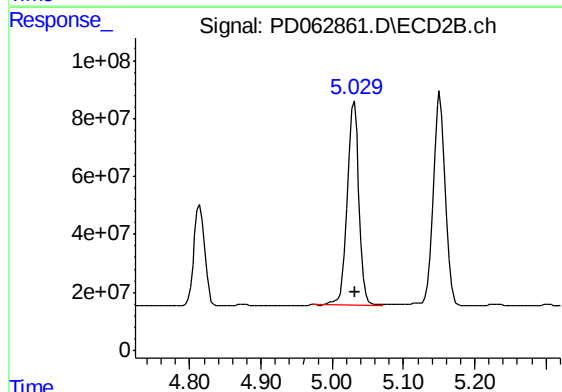
R.T.: 4.814 min  
Delta R.T.: -0.001 min  
Response: 368613768  
Conc: 48.33 ng/ml



#7 delta-BHC

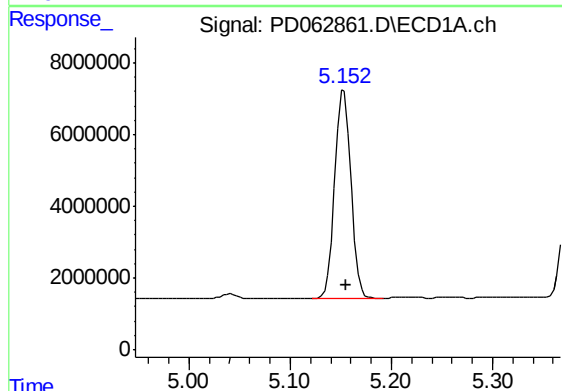
R.T.: 4.616 min  
Delta R.T.: -0.002 min  
Response: 75743234  
Conc: 56.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



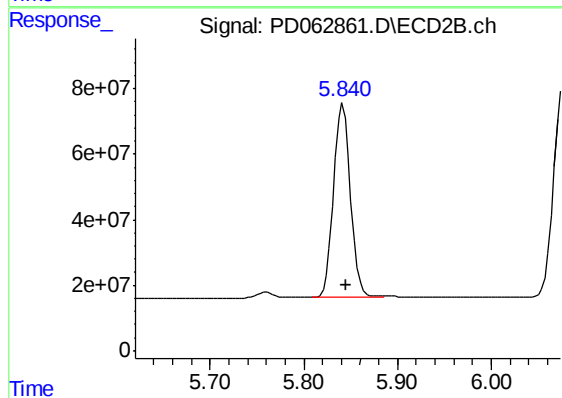
#7 delta-BHC

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 795746353  
Conc: 44.08 ng/ml



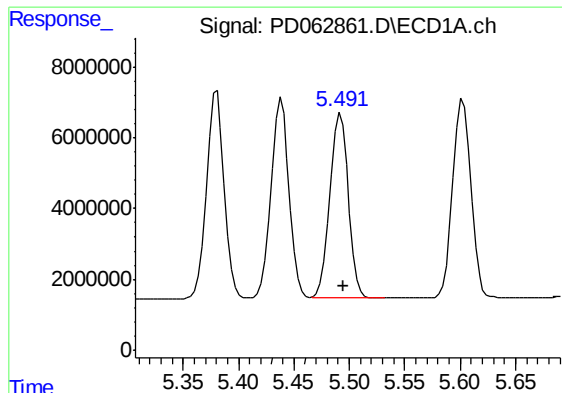
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: -0.001 min  
Response: 64202285  
Conc: 55.49 ng/ml



#8 Heptachlor epoxide

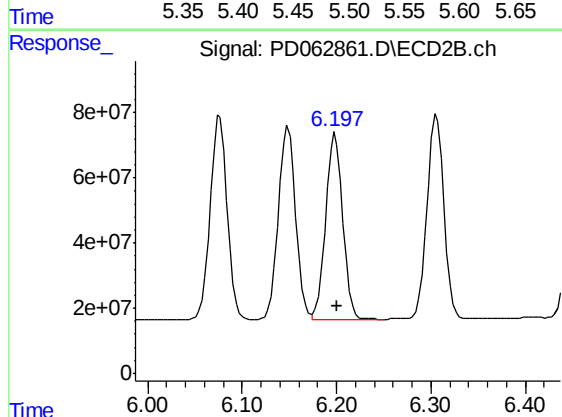
R.T.: 5.842 min  
Delta R.T.: -0.003 min  
Response: 746747980  
Conc: 46.75 ng/ml



#9 Endosulfan I

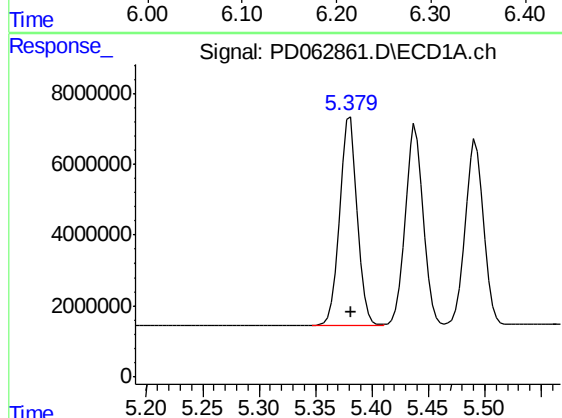
R.T.: 5.492 min  
Delta R.T.: -0.003 min  
Response: 60472240  
Conc: 55.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



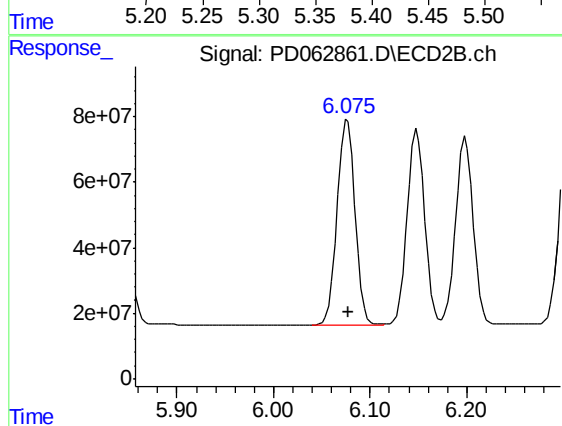
#9 Endosulfan I

R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 723182660  
Conc: 49.00 ng/ml



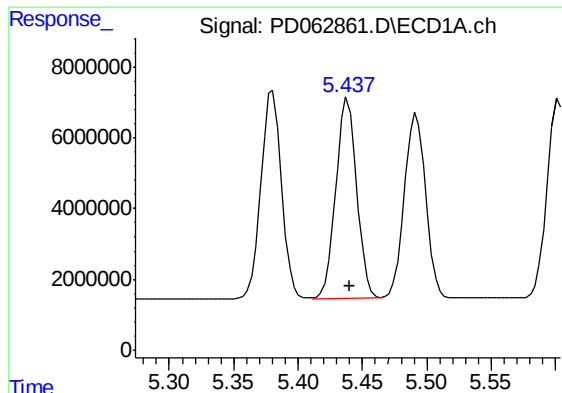
#10 gamma-Chlordane

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 65424979  
Conc: 55.59 ng/ml



#10 gamma-Chlordane

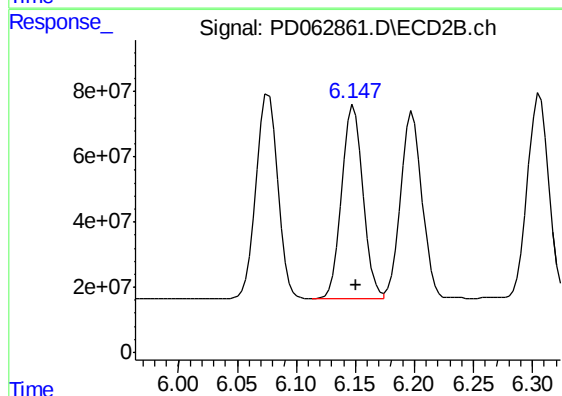
R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 790236058  
Conc: 49.67 ng/ml



#11 alpha-Chlordane

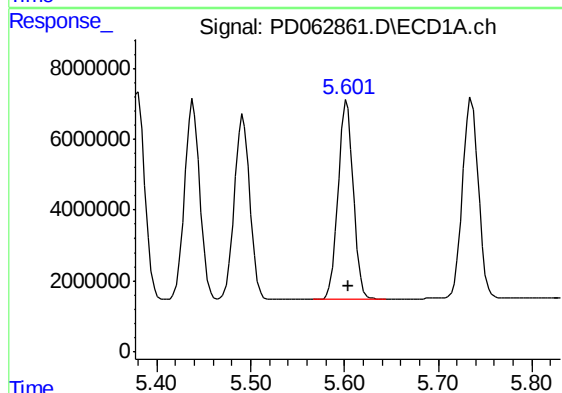
R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 64241619  
Conc: 55.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



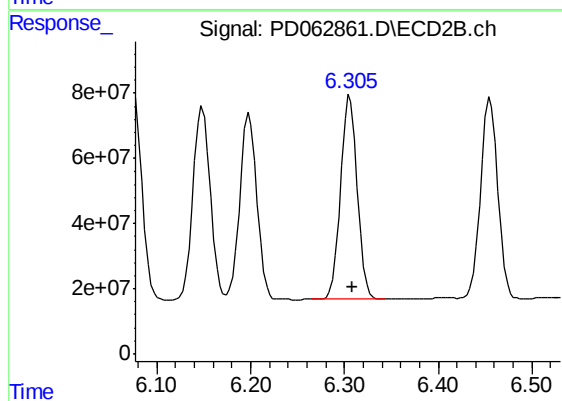
#11 alpha-Chlordane

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 758187114  
Conc: 49.66 ng/ml



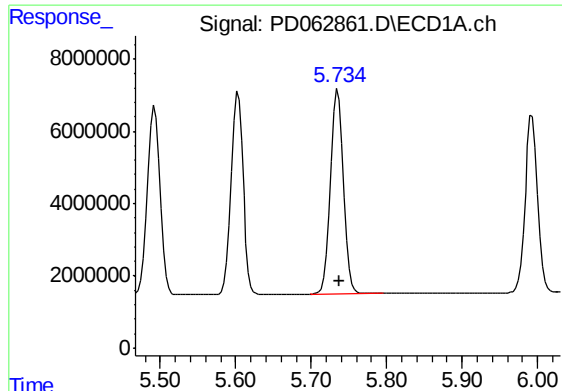
#12 4,4'-DDE

R.T.: 5.603 min  
Delta R.T.: -0.002 min  
Response: 63562368  
Conc: 55.28 ng/ml



#12 4,4'-DDE

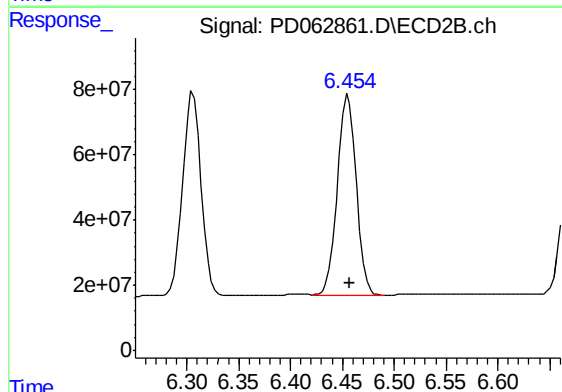
R.T.: 6.306 min  
Delta R.T.: -0.002 min  
Response: 775090196  
Conc: 48.94 ng/ml



#13 Dielddrin

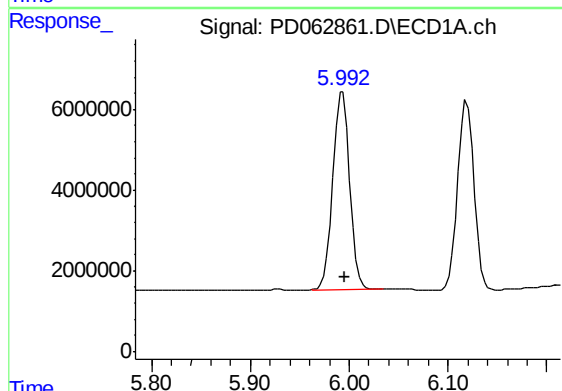
R.T.: 5.736 min  
Delta R.T.: -0.002 min  
Response: 66036577  
Conc: 54.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



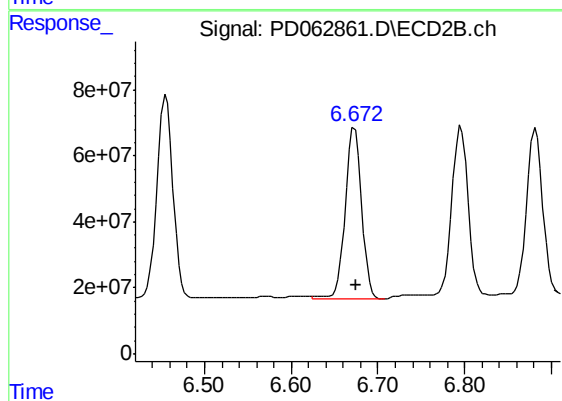
#13 Dielddrin

R.T.: 6.456 min  
Delta R.T.: -0.002 min  
Response: 793096060  
Conc: 49.09 ng/ml



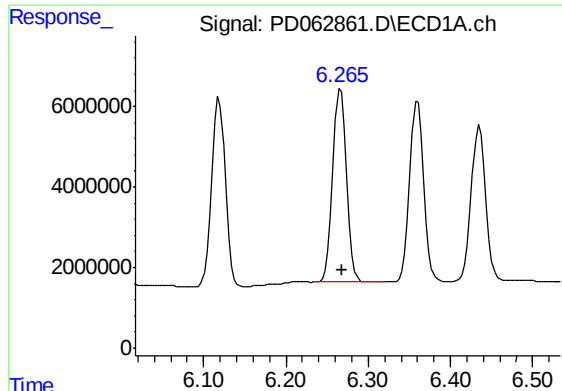
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 57957903  
Conc: 52.15 ng/ml



#14 Endrin

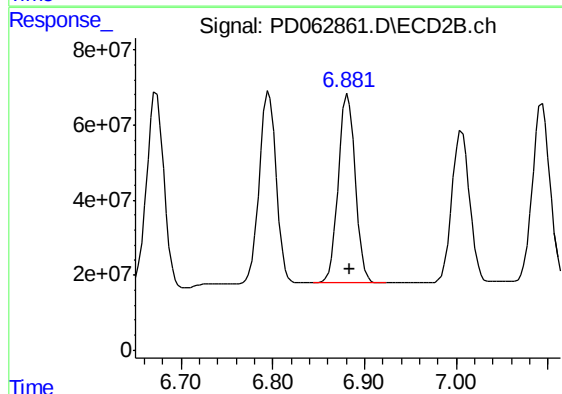
R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 689755133  
Conc: 49.06 ng/ml



#15 Endosulfan II

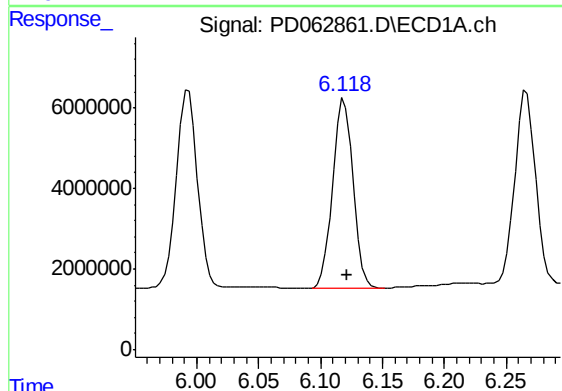
R.T.: 6.266 min  
Delta R.T.: -0.002 min  
Response: 56124241  
Conc: 53.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



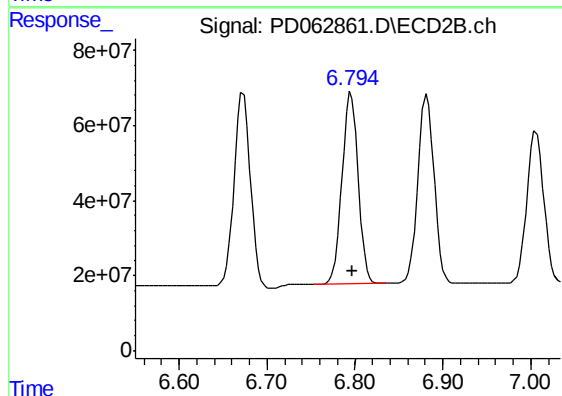
#15 Endosulfan II

R.T.: 6.882 min  
Delta R.T.: -0.002 min  
Response: 643902565  
Conc: 48.20 ng/ml



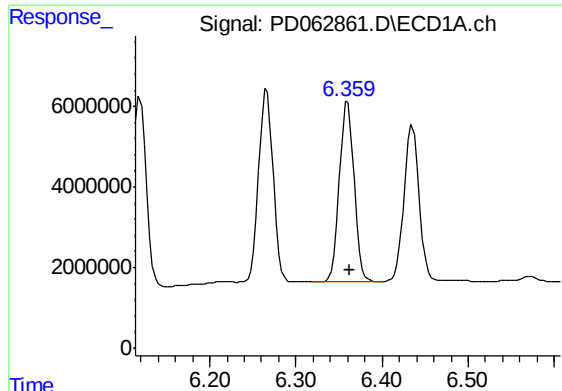
#16 4,4'-DDD

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 54141835  
Conc: 56.86 ng/ml



#16 4,4'-DDD

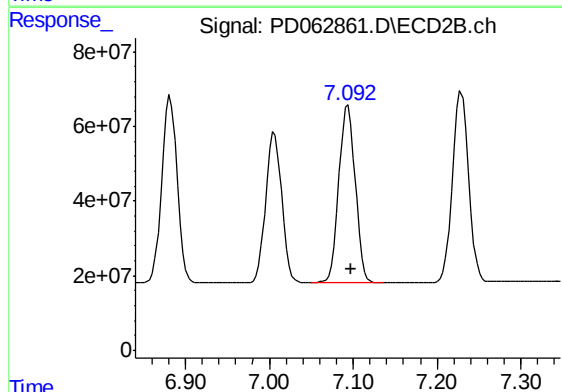
R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 650864466  
Conc: 50.37 ng/ml



#17 4,4'-DDT

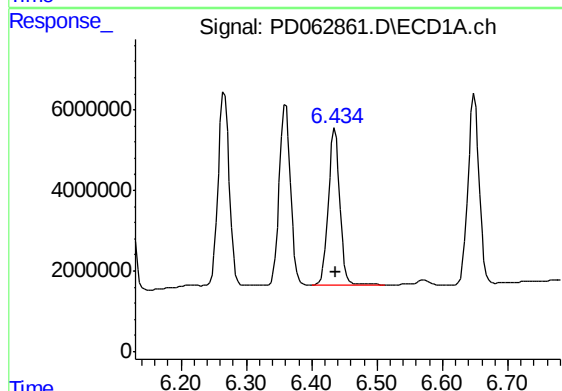
R.T.: 6.360 min  
Delta R.T.: -0.003 min  
Response: 53454468  
Conc: 55.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



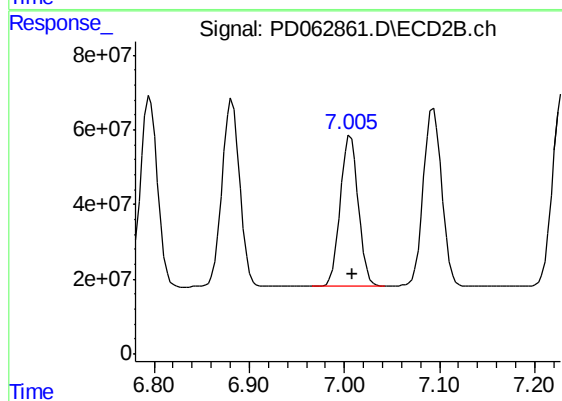
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.003 min  
Response: 639923917  
Conc: 50.24 ng/ml



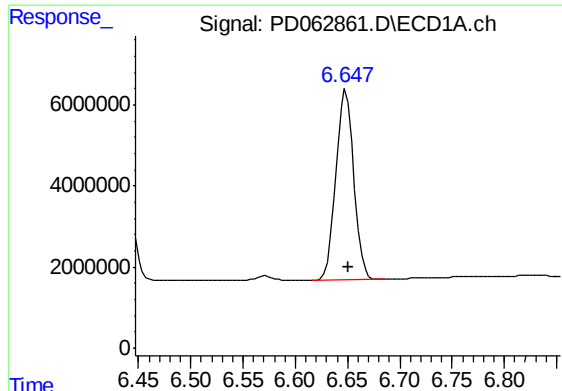
#18 Endrin aldehyde

R.T.: 6.435 min  
Delta R.T.: -0.002 min  
Response: 47566930  
Conc: 50.99 ng/ml



#18 Endrin aldehyde

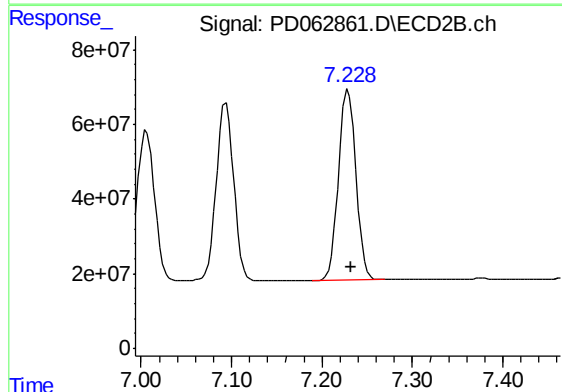
R.T.: 7.006 min  
Delta R.T.: -0.002 min  
Response: 540943102  
Conc: 46.36 ng/ml



#19 Endosulfan Sulfate

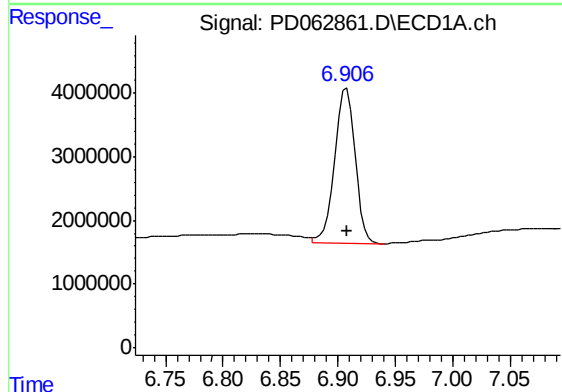
R.T.: 6.649 min  
Delta R.T.: -0.003 min  
Response: 56314177  
Conc: 53.78 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



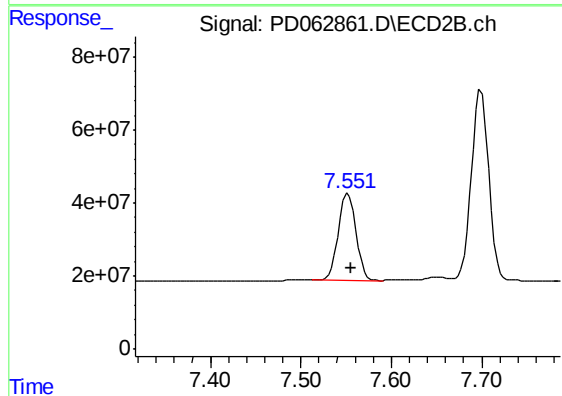
#19 Endosulfan Sulfate

R.T.: 7.229 min  
Delta R.T.: -0.003 min  
Response: 680011252  
Conc: 48.89 ng/ml



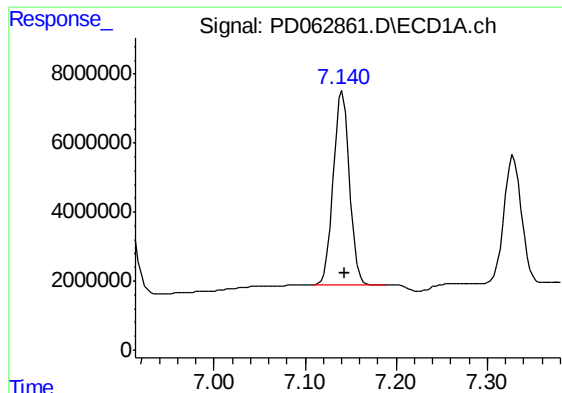
#20 Methoxychlor

R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 30668998  
Conc: 52.10 ng/ml



#20 Methoxychlor

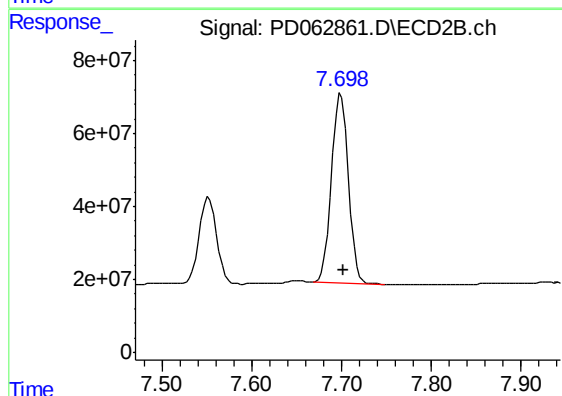
R.T.: 7.552 min  
Delta R.T.: -0.004 min  
Response: 322972682  
Conc: 48.39 ng/ml



#21 Endrin ketone

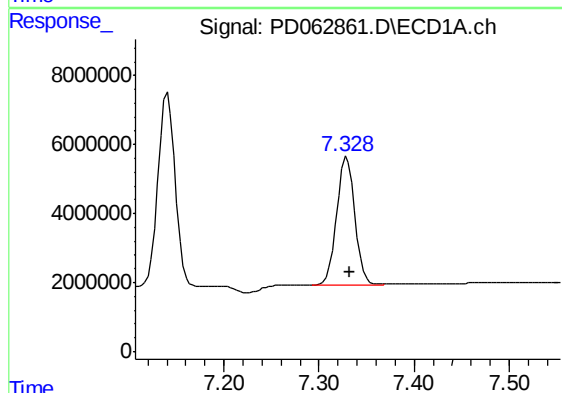
R.T.: 7.141 min  
Delta R.T.: -0.003 min  
Response: 69805250  
Conc: 55.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



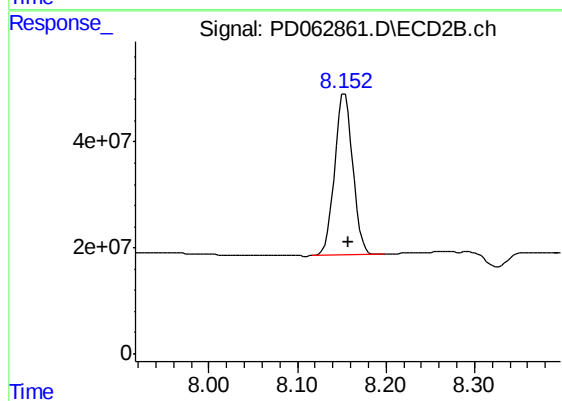
#21 Endrin ketone

R.T.: 7.699 min  
Delta R.T.: -0.003 min  
Response: 683952804  
Conc: 50.40 ng/ml



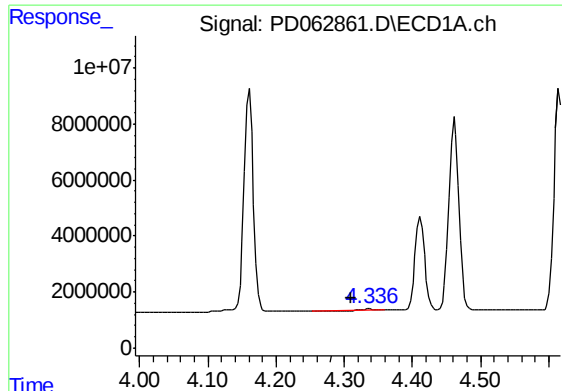
#22 Mirex

R.T.: 7.329 min  
Delta R.T.: -0.003 min  
Response: 49699656  
Conc: 54.29 ng/ml



#22 Mirex

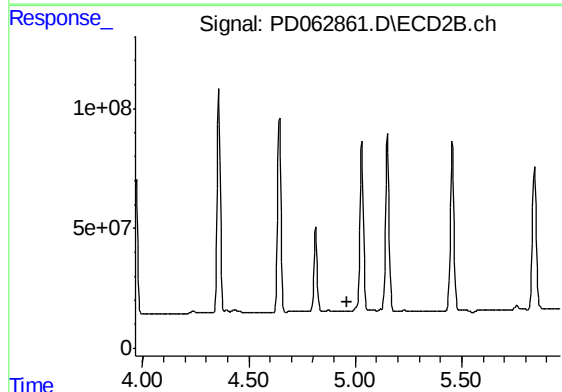
R.T.: 8.154 min  
Delta R.T.: -0.004 min  
Response: 437884421  
Conc: 47.80 ng/ml



#23 Chlordane-1

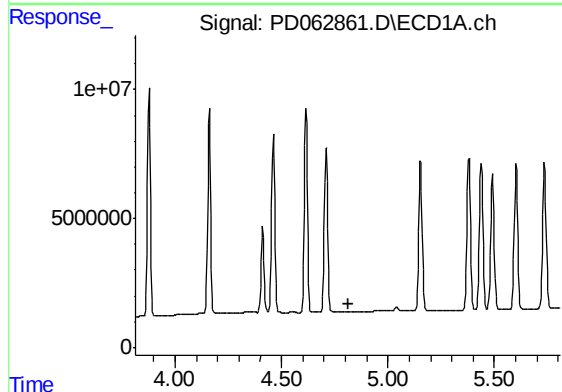
R.T.: 4.337 min  
Delta R.T.: 0.026 min  
Response: 67820  
Conc: 1.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



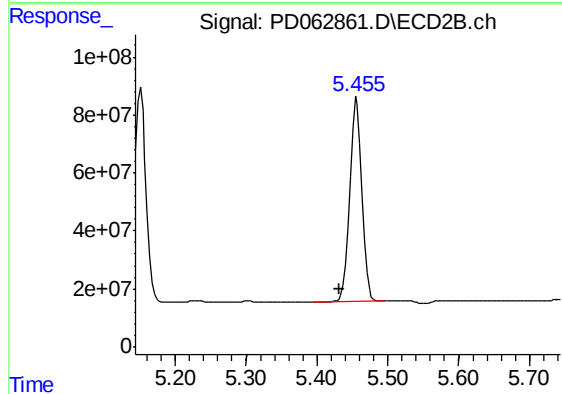
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.965 min  
Response: 0  
Conc: N.D.



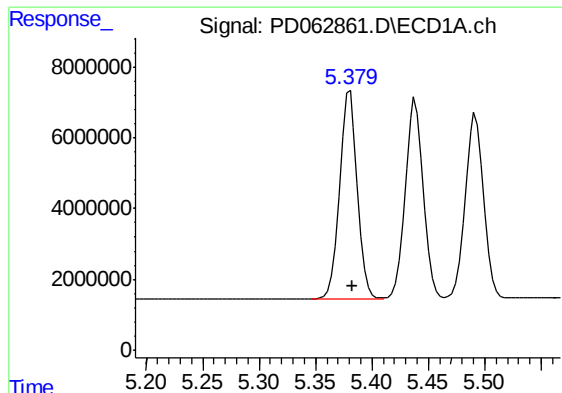
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.813 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

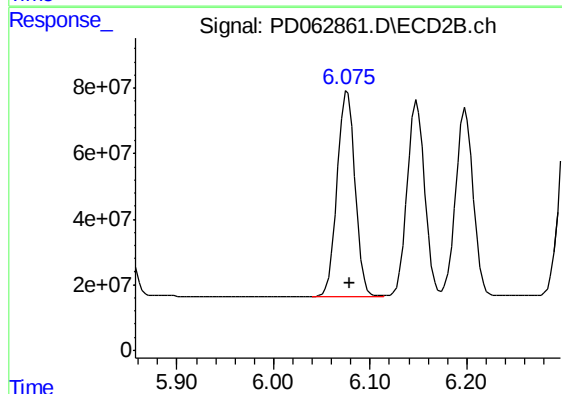
R.T.: 5.456 min  
Delta R.T.: 0.024 min  
Response: 830306095  
Conc: 1555.26 ng/ml



#25 Chlordane-3

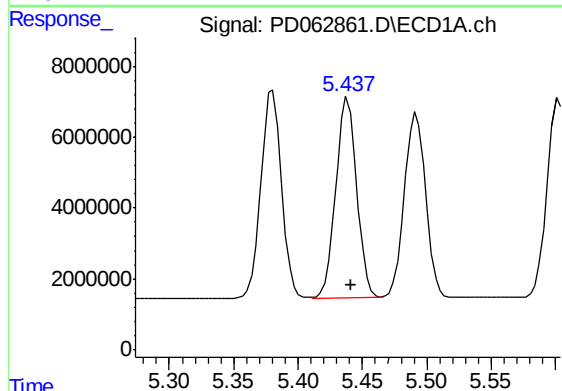
R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 65424979  
Conc: 552.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



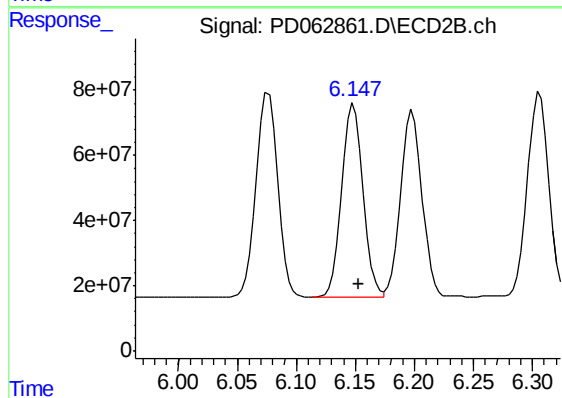
#25 Chlordane-3

R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 790236058  
Conc: 353.59 ng/ml



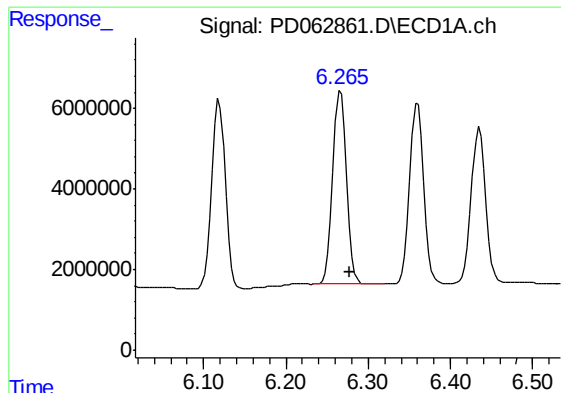
#26 Chlordane-4

R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 64241619  
Conc: 662.46 ng/ml



#26 Chlordane-4

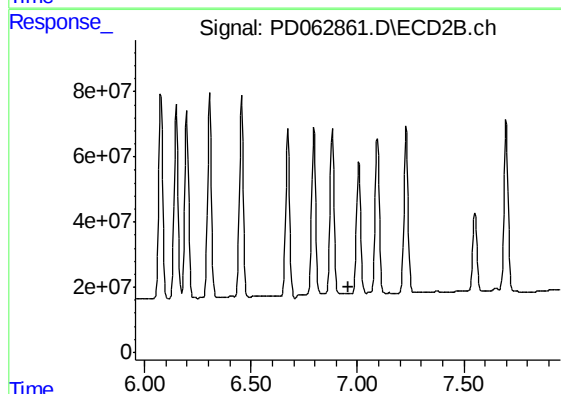
R.T.: 6.149 min  
Delta R.T.: -0.004 min  
Response: 758187114  
Conc: 293.95 ng/ml



#27 Chlordane-5

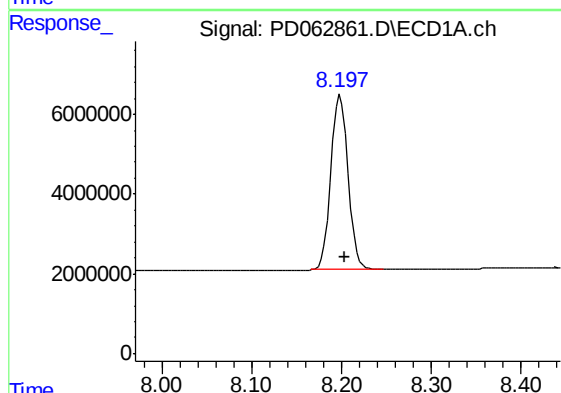
R.T.: 6.266 min  
Delta R.T.: -0.012 min  
Response: 56124241  
Conc: 1287.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PSTDCCC050



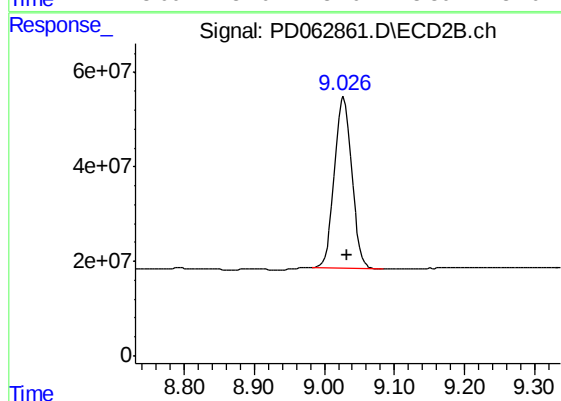
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.957 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: -0.005 min  
Response: 58436134  
Conc: 55.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.004 min  
Response: 625399999  
Conc: 54.20 ng/ml