

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052521\  
 Data File : PD063282.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2021 16:59  
 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: May 26 00:03:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 24 14:48:18 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... | 3.440  | 3.971  | 61440260 | 592.6E6 | 55.778   | 51.141     |
| 28)                         | SA Decachlor... | 8.195  | 9.025  | 59719598 | 513.5E6 | 47.451   | 50.332     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.876  | 4.359  | 96529649 | 932.3E6 | 55.673   | 48.419     |
| 3)                          | MA gamma-BHC... | 4.159  | 4.643  | 88588971 | 848.2E6 | 54.487   | 49.145     |
| 4)                          | MA Heptachlor   | 4.460  | 5.151  | 82732701 | 815.9E6 | 52.592   | 49.205     |
| 5)                          | MB Aldrin       | 4.708  | 5.455  | 84858905 | 832.7E6 | 55.392   | 49.888     |
| 6)                          | B beta-BHC      | 4.410  | 4.814  | 36893374 | 355.4E6 | 46.935   | 47.908     |
| 7)                          | B delta-BHC     | 4.614  | 5.030  | 90736890 | 829.9E6 | 55.046   | 59.397     |
| 8)                          | B Heptachlo...  | 5.151  | 5.840  | 77292926 | 757.1E6 | 53.635   | 49.498     |
| 9)                          | A Endosulfan I  | 5.489  | 6.197  | 71569687 | 699.5E6 | 52.741   | 49.247     |
| 10)                         | B gamma-Chl...  | 5.377  | 6.074  | 77546392 | 774.1E6 | 52.868   | 49.656     |
| 11)                         | B alpha-Chl...  | 5.436  | 6.147  | 76454000 | 733.9E6 | 52.955   | 49.519     |
| 12)                         | B 4,4'-DDE      | 5.600  | 6.304  | 76147048 | 747.3E6 | 53.078   | 49.512     |
| 13)                         | MA Dieldrin     | 5.732  | 6.453  | 76598474 | 736.0E6 | 51.769   | 48.538     |
| 14)                         | MA Endrin       | 5.991  | 6.671  | 64907770 | 589.2E6 | 48.530   | 46.178     |
| 15)                         | B Endosulfa...  | 6.264  | 6.880  | 62243628 | 575.6E6 | 50.030   | 47.996     |
| 16)                         | A 4,4'-DDD      | 6.116  | 6.793  | 65257269 | 633.4E6 | 54.247   | 52.211     |
| 17)                         | MA 4,4'-DDT     | 6.357  | 7.092  | 52796507 | 506.5E6 | 46.193   | 44.917     |
| 18)                         | B Endrin al...  | 6.432  | 7.004  | 47801268 | 443.1E6 | 44.970   | 43.507     |
| 19)                         | B Endosulfa...  | 6.645  | 7.226  | 61764954 | 597.2E6 | 51.245   | 48.670     |
| 20)                         | A Methoxychlor  | 6.903  | 7.550  | 29518472 | 245.8E6 | 43.988   | 42.850     |
| 21)                         | B Endrin ke...  | 7.138  | 7.697  | 75792985 | 570.3E6 | 51.290   | 47.546     |
| 22)                         | Mirex           | 7.325  | 8.150  | 50776427 | 316.0E6 | 47.321   | 41.552     |
| 23)                         | Chlordane-1     | 4.335f | 0.000  | 1413745  | 0       | 30.362   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.455f | 0        | 832.7E6 | N.D.     | 1472.155 # |
| 25)                         | Chlordane-3     | 5.377  | 6.074  | 77546392 | 774.1E6 | 470.376  | 327.757 #  |
| 26)                         | Chlordane-4     | 5.436  | 6.147  | 76454000 | 733.9E6 | 565.653  | 271.369 #  |
| 27)                         | Chlordane-5     | 6.264  | 6.963  | 62243628 | 94053   | 1248.543 | 0.210 #    |
| -----                       |                 |        |        |          |         |          |            |

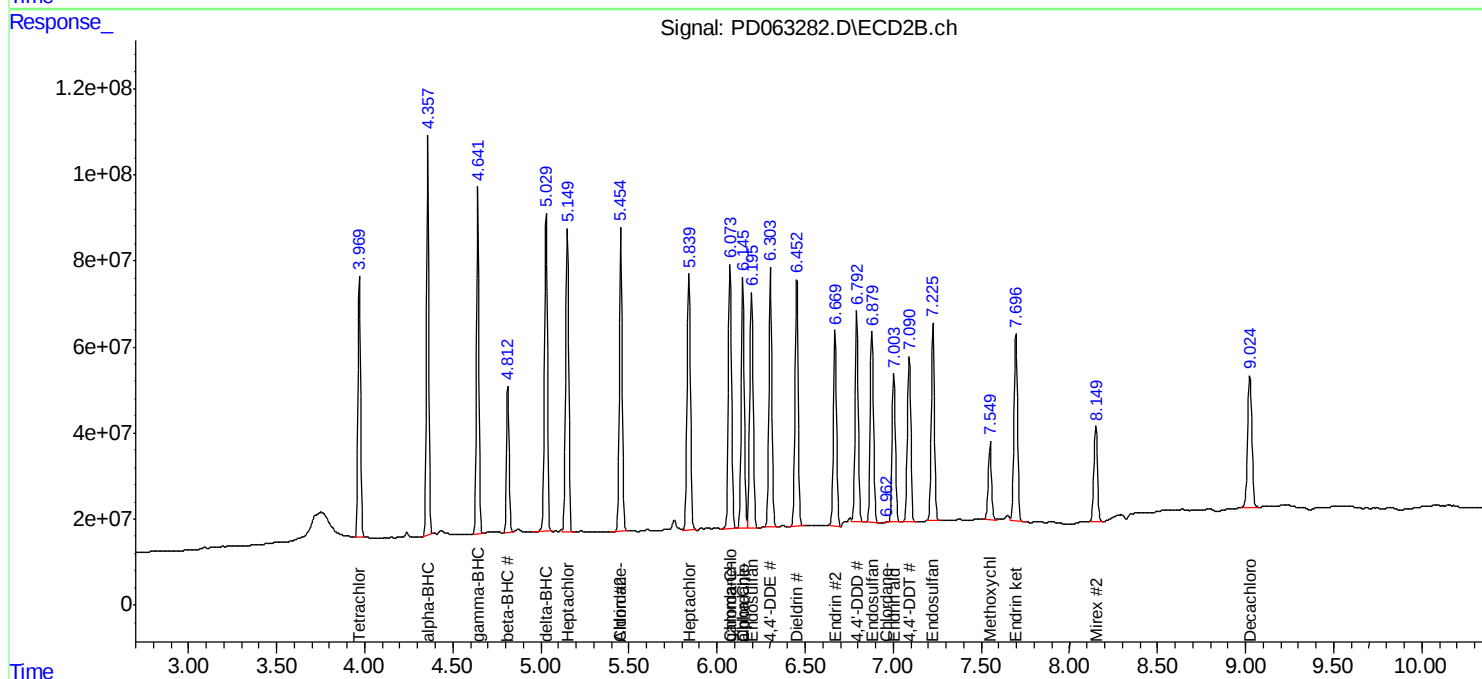
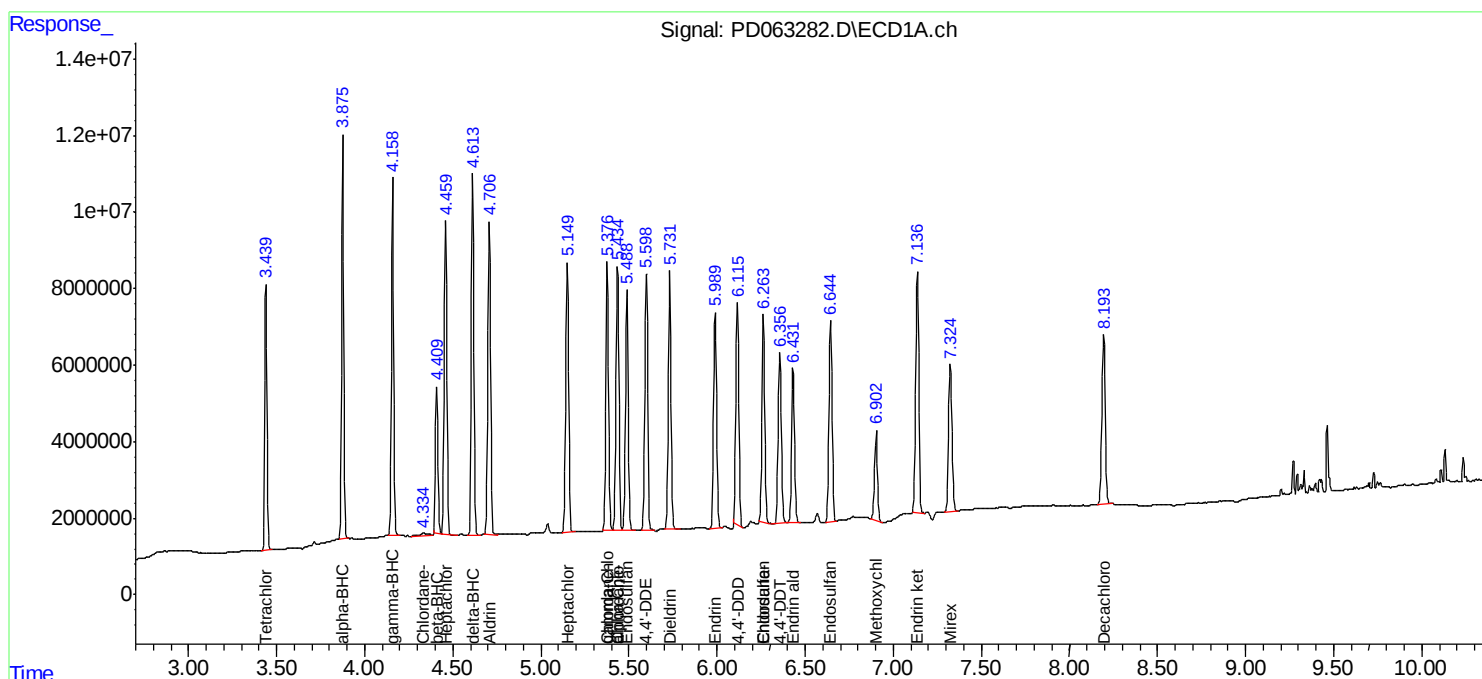
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

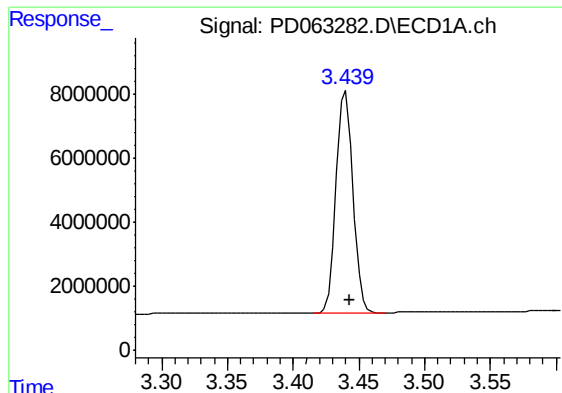
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052521\  
Data File : PD063282.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 May 2021 16:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 26 00:03:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Mon May 24 14:48:18 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

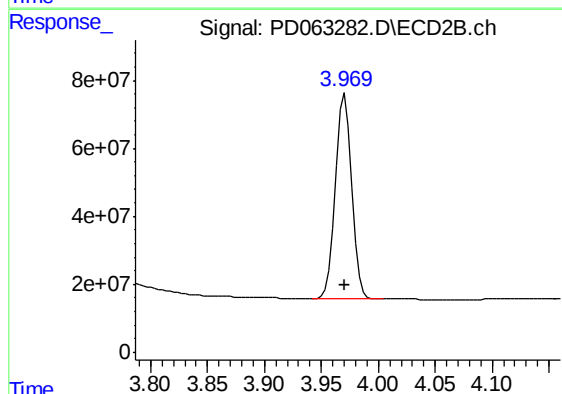




#1 Tetrachloro-m-xylene

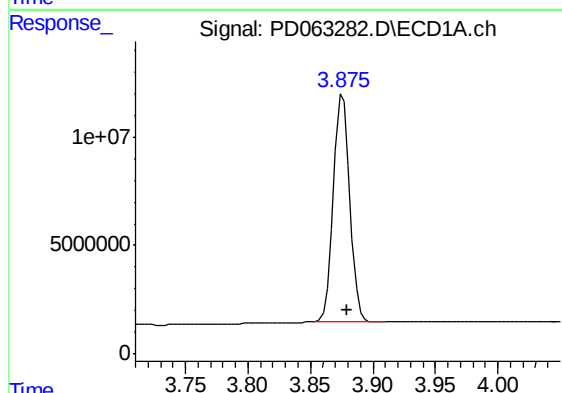
R.T.: 3.440 min  
Delta R.T.: -0.003 min  
Response: 61440260  
Conc: 55.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



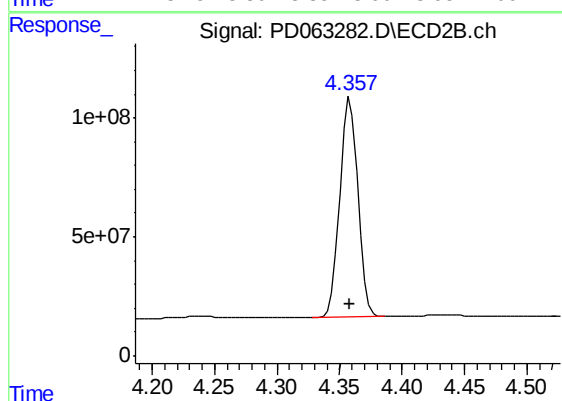
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 592635201  
Conc: 51.14 ng/ml



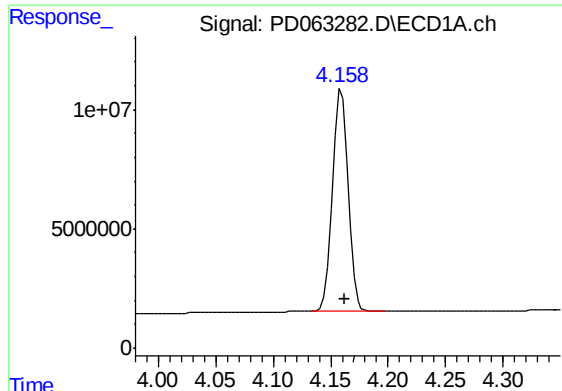
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: -0.003 min  
Response: 96529649  
Conc: 55.67 ng/ml



#2 alpha-BHC

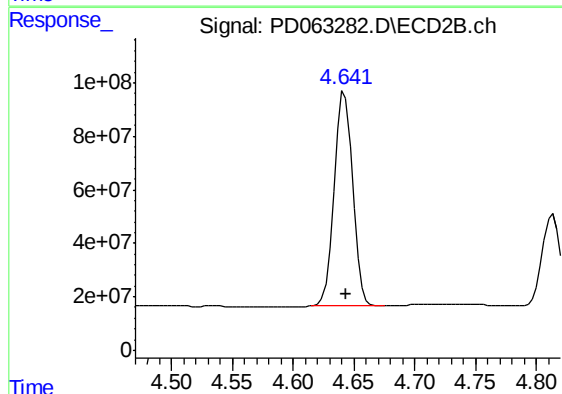
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 932286582  
Conc: 48.42 ng/ml



#3 gamma-BHC (Lindane)

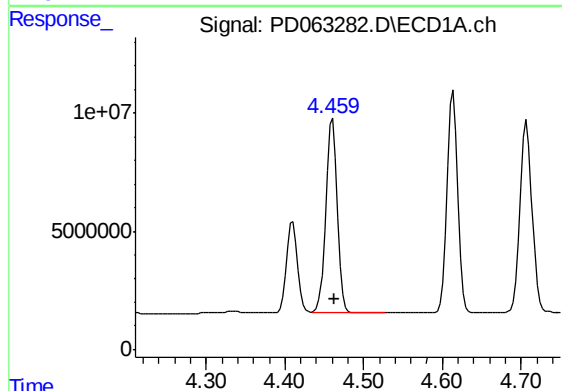
R.T.: 4.159 min  
Delta R.T.: -0.003 min  
Response: 88588971  
Conc: 54.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



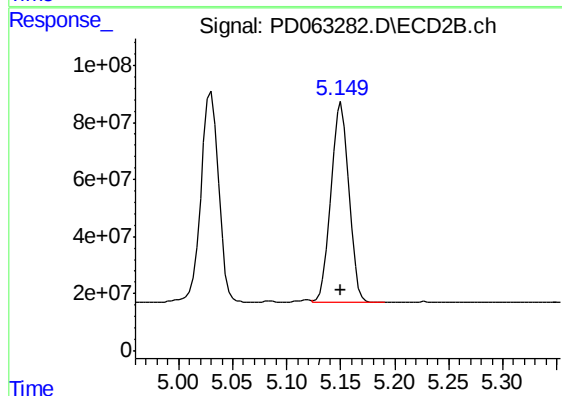
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 848193473  
Conc: 49.15 ng/ml



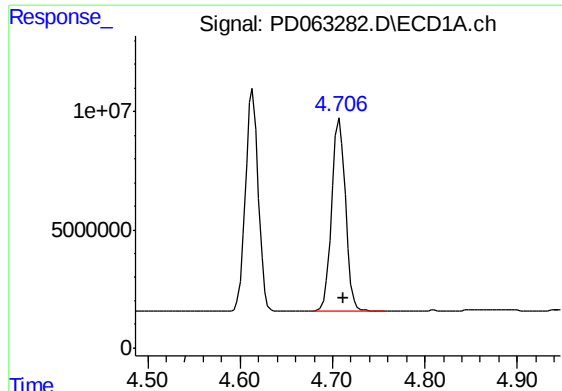
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: -0.003 min  
Response: 82732701  
Conc: 52.59 ng/ml



#4 Heptachlor

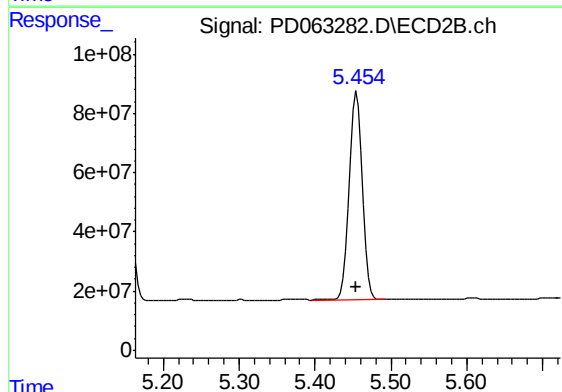
R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 815856990  
Conc: 49.21 ng/ml



#5 Aldrin

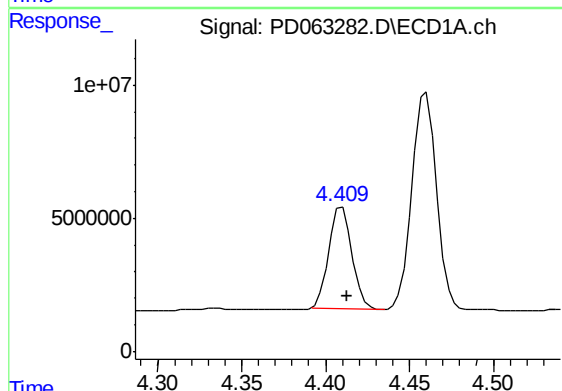
R.T.: 4.708 min  
Delta R.T.: -0.004 min  
Response: 84858905  
Conc: 55.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



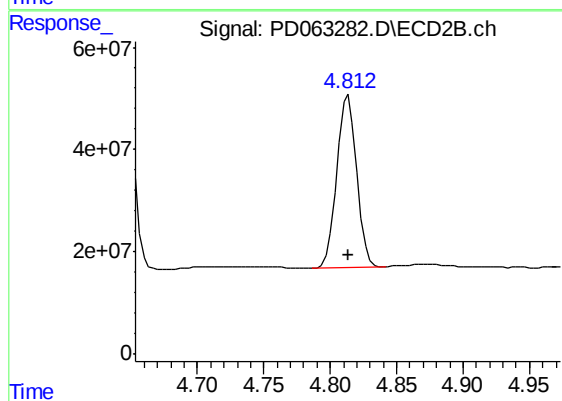
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 832735121  
Conc: 49.89 ng/ml



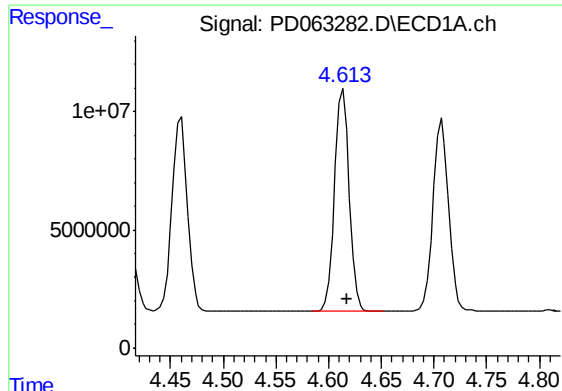
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: -0.003 min  
Response: 36893374  
Conc: 46.93 ng/ml



#6 beta-BHC

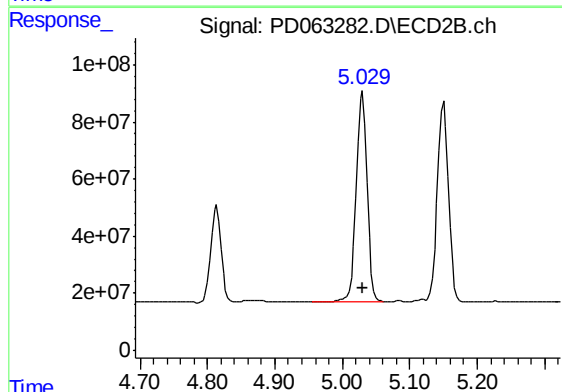
R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 355355253  
Conc: 47.91 ng/ml



#7 delta-BHC

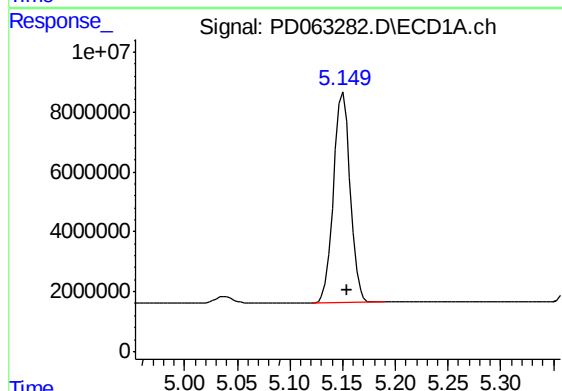
R.T.: 4.614 min  
Delta R.T.: -0.003 min  
Response: 90736890  
Conc: 55.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



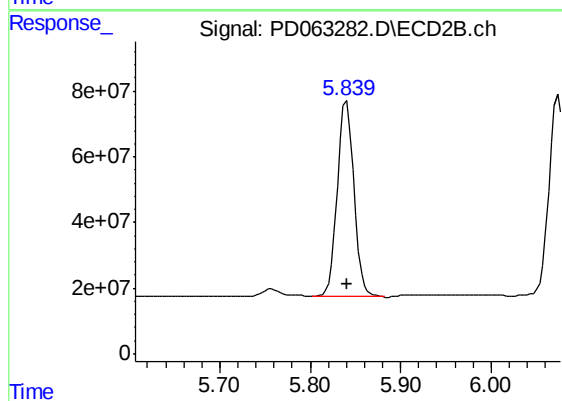
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 829885730  
Conc: 59.40 ng/ml



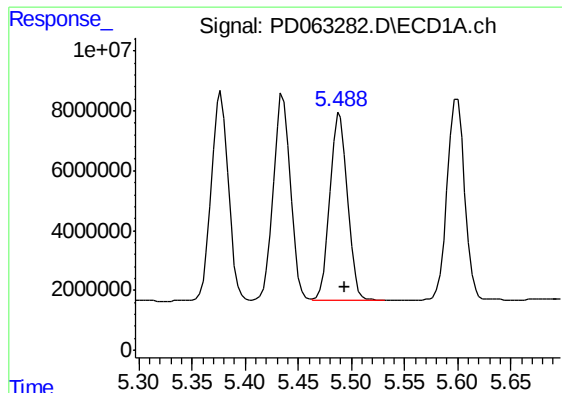
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 77292926  
Conc: 53.63 ng/ml



#8 Heptachlor epoxide

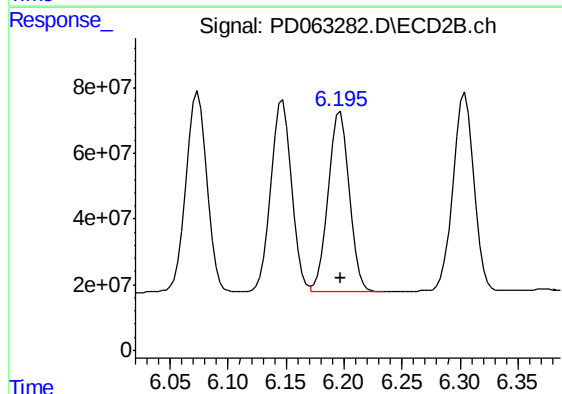
R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 757092447  
Conc: 49.50 ng/ml



#9 Endosulfan I

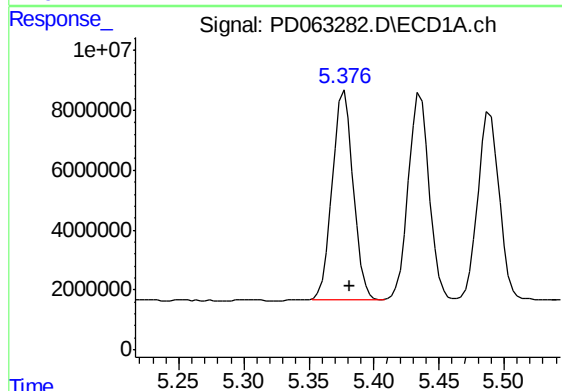
R.T.: 5.489 min  
Delta R.T.: -0.004 min  
Response: 71569687  
Conc: 52.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



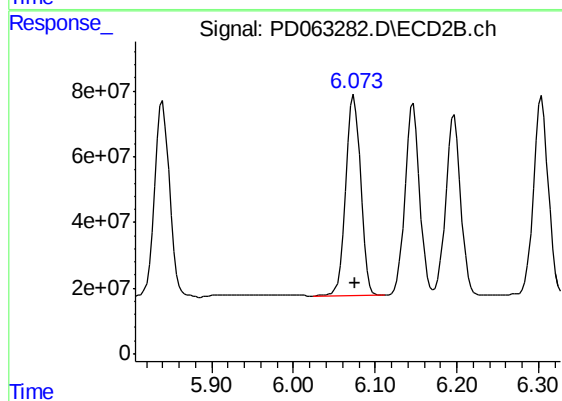
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 699544570  
Conc: 49.25 ng/ml



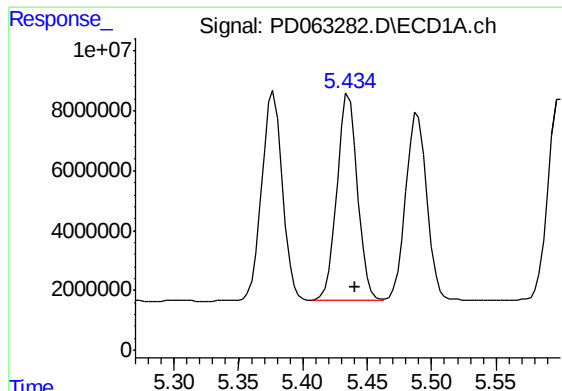
#10 gamma-Chlordane

R.T.: 5.377 min  
Delta R.T.: -0.004 min  
Response: 77546392  
Conc: 52.87 ng/ml



#10 gamma-Chlordane

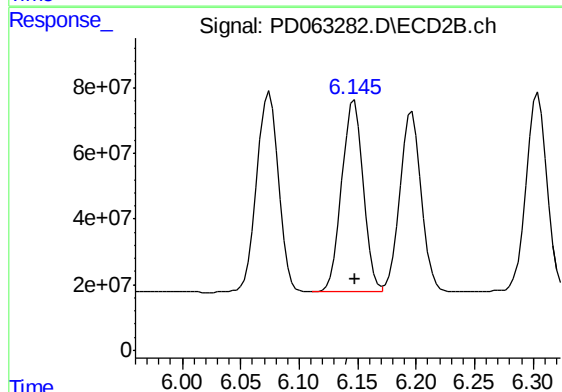
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 774085667  
Conc: 49.66 ng/ml



#11 alpha-Chlordane

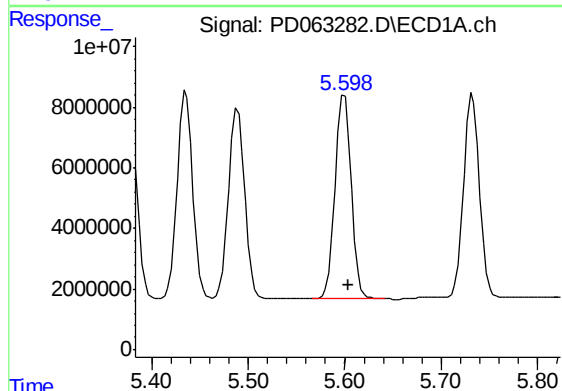
R.T.: 5.436 min  
Delta R.T.: -0.004 min  
Response: 76454000  
Conc: 52.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



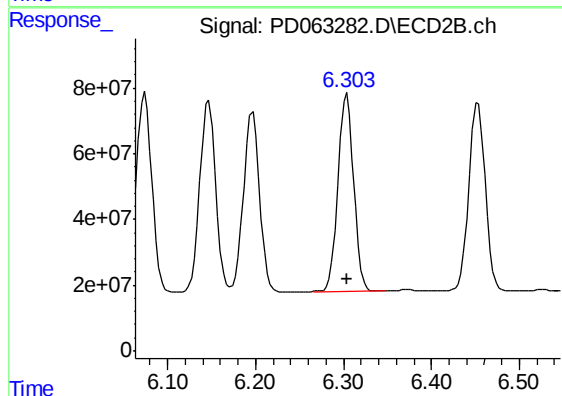
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 733856853  
Conc: 49.52 ng/ml



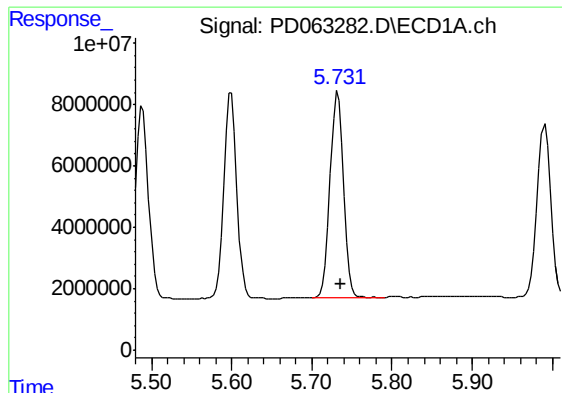
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: -0.004 min  
Response: 76147048  
Conc: 53.08 ng/ml



#12 4,4'-DDE

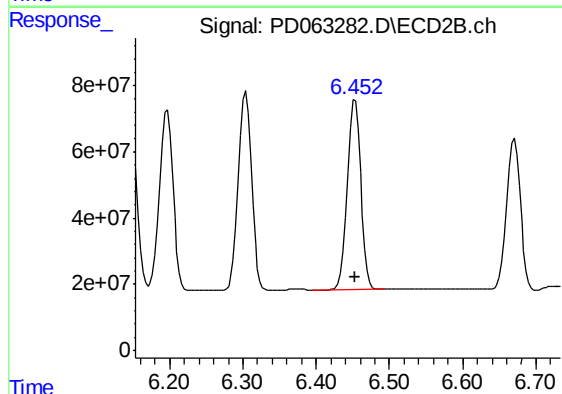
R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 747345998  
Conc: 49.51 ng/ml



#13 Dielldrin

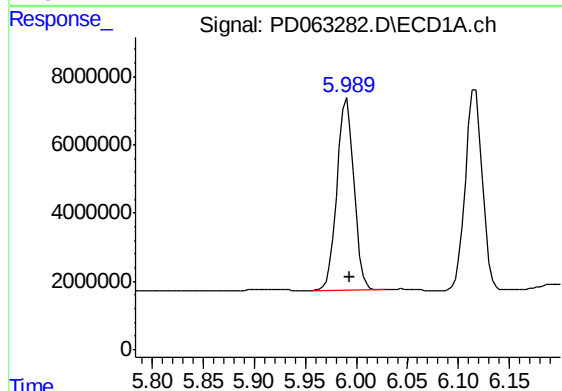
R.T.: 5.732 min  
Delta R.T.: -0.004 min  
Response: 76598474  
Conc: 51.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



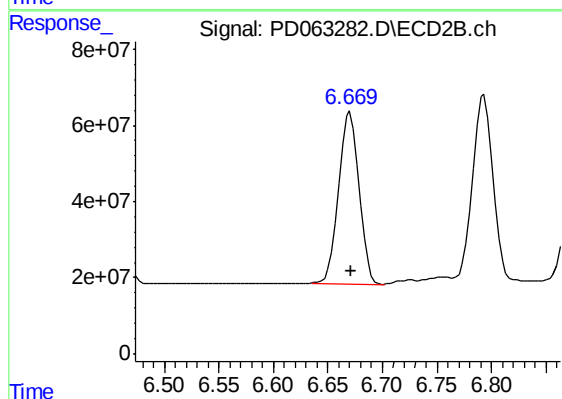
#13 Dielldrin

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 736009483  
Conc: 48.54 ng/ml



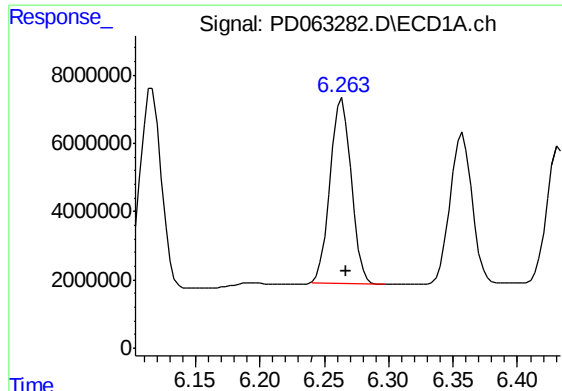
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: -0.003 min  
Response: 64907770  
Conc: 48.53 ng/ml



#14 Endrin

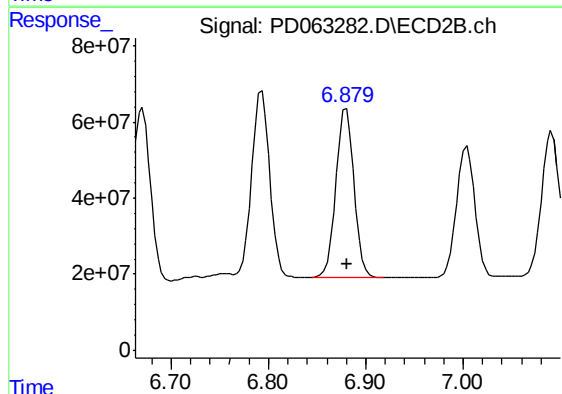
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 589163716  
Conc: 46.18 ng/ml



#15 Endosulfan II

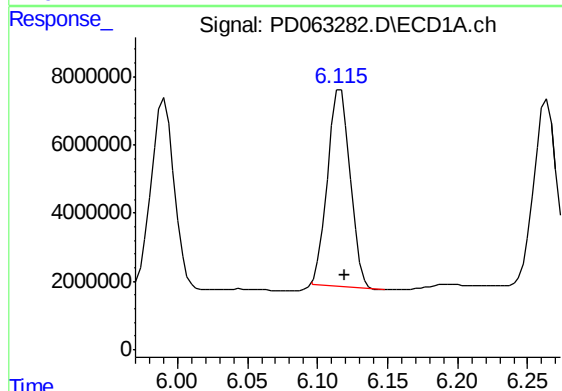
R.T.: 6.264 min  
Delta R.T.: -0.003 min  
Response: 62243628  
Conc: 50.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



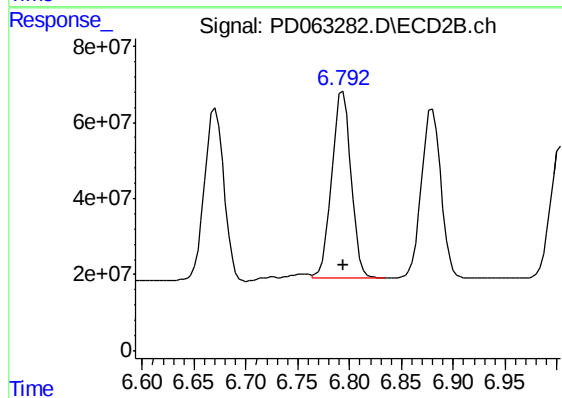
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 575553738  
Conc: 48.00 ng/ml



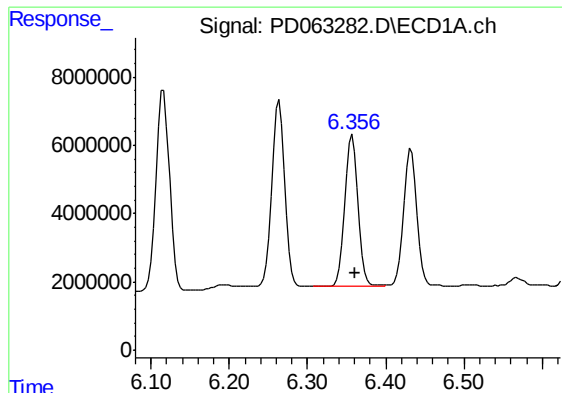
#16 4,4'-DDD

R.T.: 6.116 min  
Delta R.T.: -0.003 min  
Response: 65257269  
Conc: 54.25 ng/ml



#16 4,4'-DDD

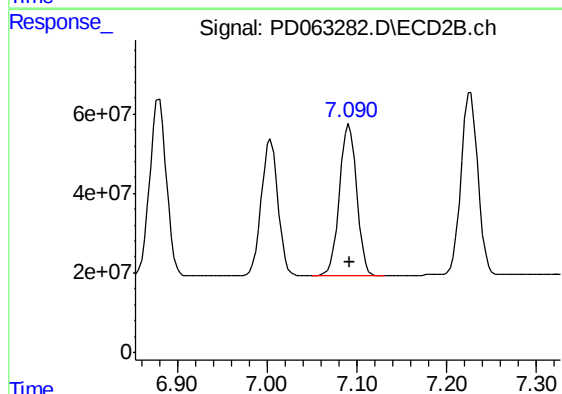
R.T.: 6.793 min  
Delta R.T.: 0.000 min  
Response: 633445444  
Conc: 52.21 ng/ml



#17 4,4'-DDT

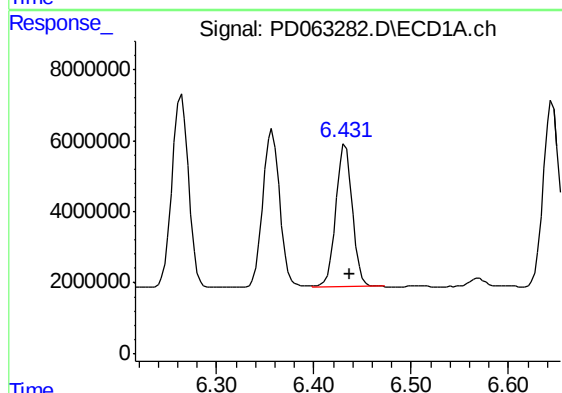
R.T.: 6.357 min  
Delta R.T.: -0.004 min  
Response: 52796507  
Conc: 46.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



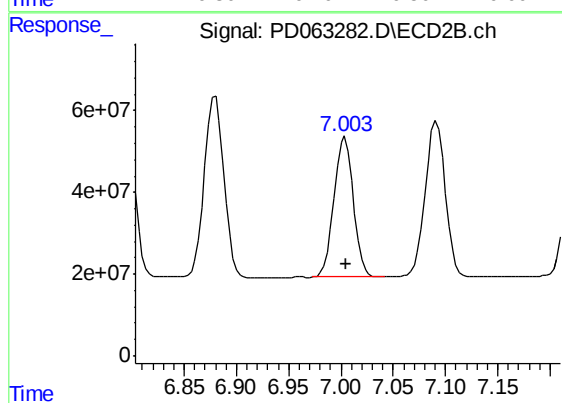
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 506467076  
Conc: 44.92 ng/ml



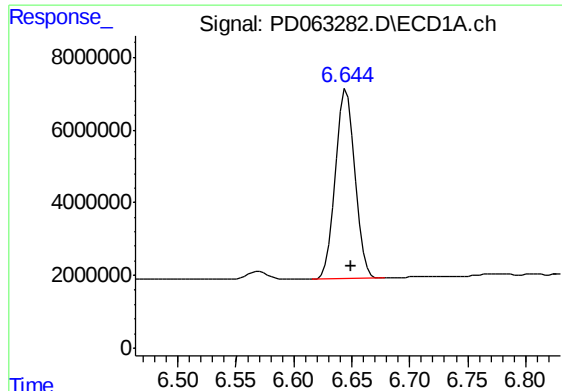
#18 Endrin aldehyde

R.T.: 6.432 min  
Delta R.T.: -0.004 min  
Response: 47801268  
Conc: 44.97 ng/ml



#18 Endrin aldehyde

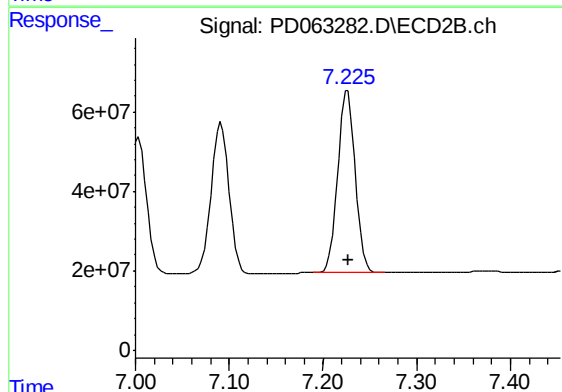
R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 443097832  
Conc: 43.51 ng/ml



#19 Endosulfan Sulfate

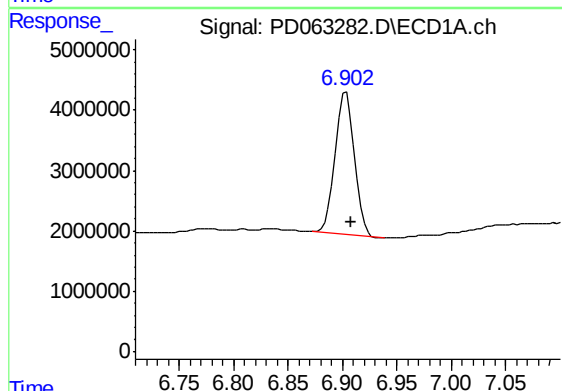
R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 61764954  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



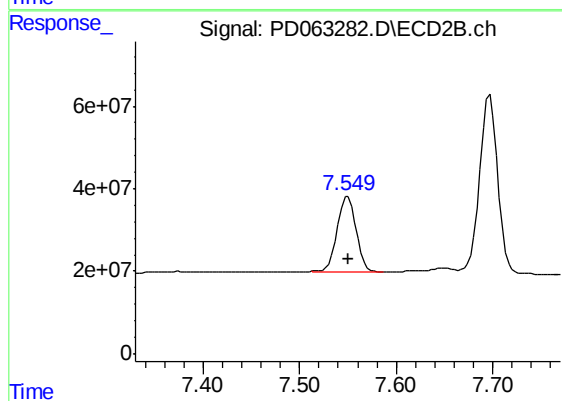
#19 Endosulfan Sulfate

R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 597186287  
Conc: 48.67 ng/ml



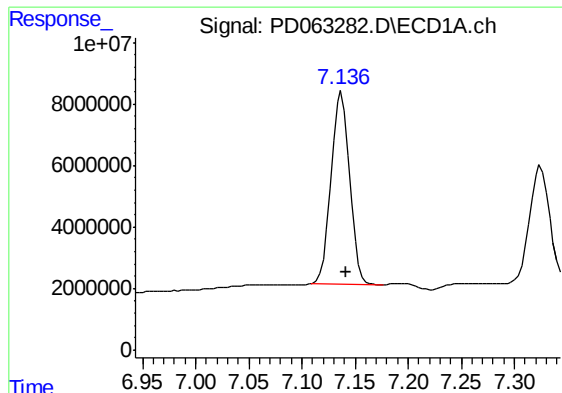
#20 Methoxychlor

R.T.: 6.903 min  
Delta R.T.: -0.004 min  
Response: 29518472  
Conc: 43.99 ng/ml



#20 Methoxychlor

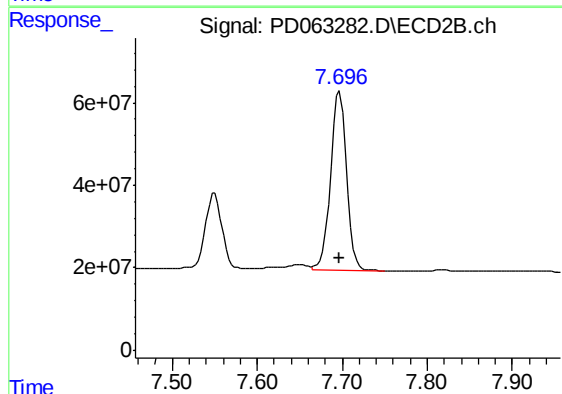
R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 245813032  
Conc: 42.85 ng/ml



#21 Endrin ketone

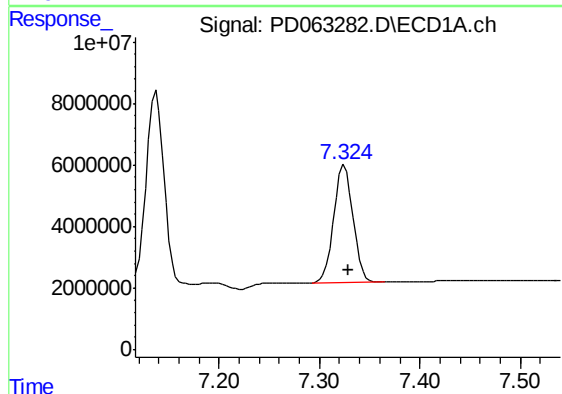
R.T.: 7.138 min  
Delta R.T.: -0.004 min  
Response: 75792985  
Conc: 51.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



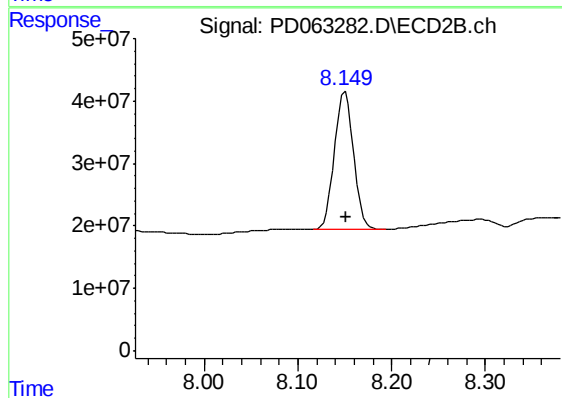
#21 Endrin ketone

R.T.: 7.697 min  
Delta R.T.: 0.000 min  
Response: 570335606  
Conc: 47.55 ng/ml



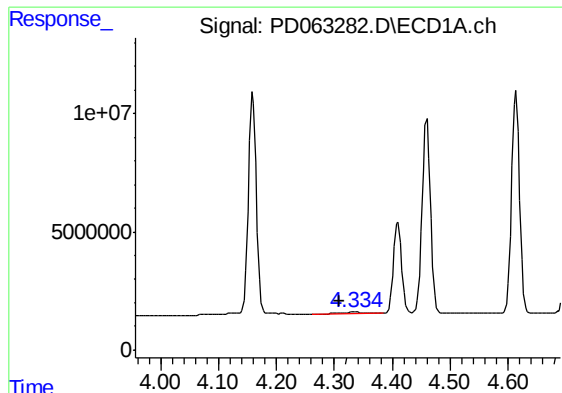
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.004 min  
Response: 50776427  
Conc: 47.32 ng/ml



#22 Mirex

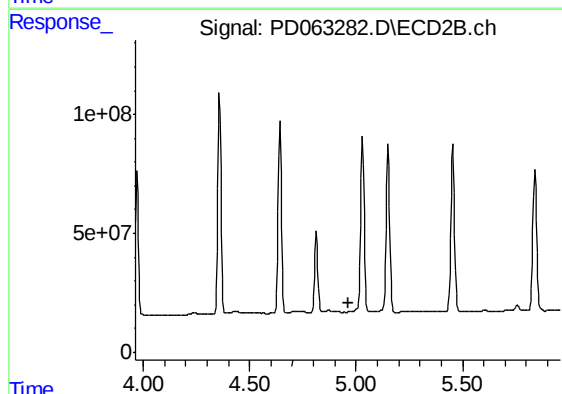
R.T.: 8.150 min  
Delta R.T.: 0.000 min  
Response: 315978073  
Conc: 41.55 ng/ml



#23 Chlordane-1

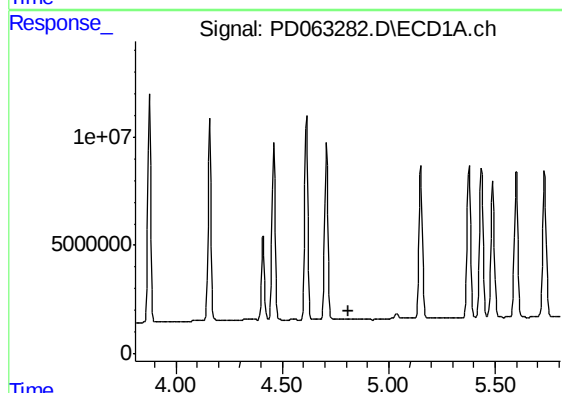
R.T.: 4.335 min  
Delta R.T.: 0.027 min  
Response: 1413745  
Conc: 30.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



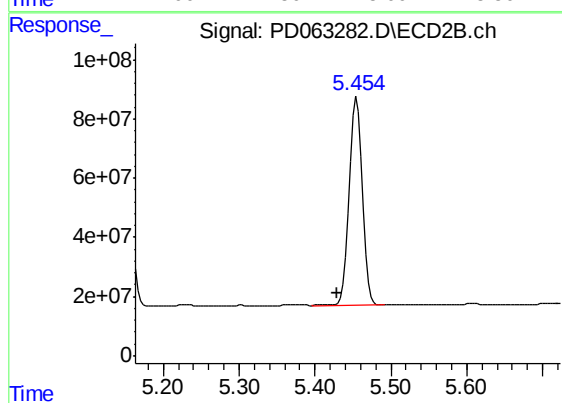
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.962 min  
Response: 0  
Conc: N.D.



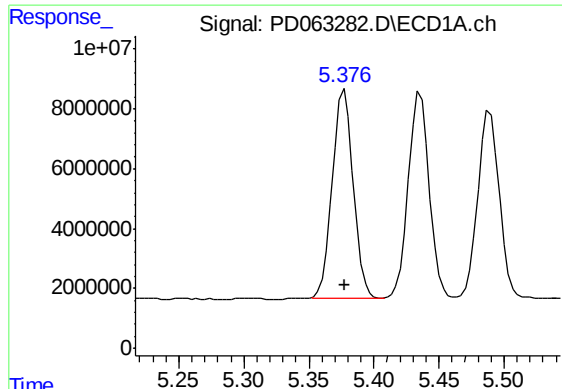
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.809 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

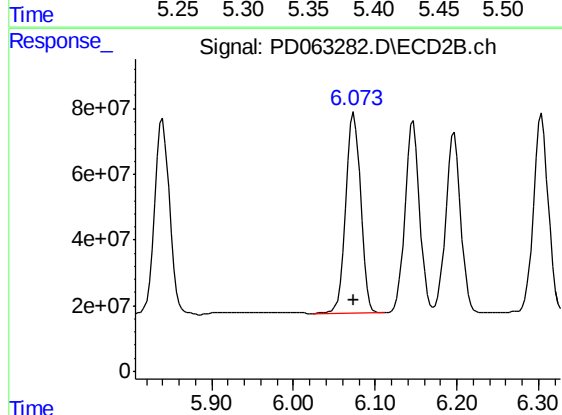
R.T.: 5.455 min  
Delta R.T.: 0.027 min  
Response: 832735121  
Conc: 1472.15 ng/ml



#25 Chlordane-3

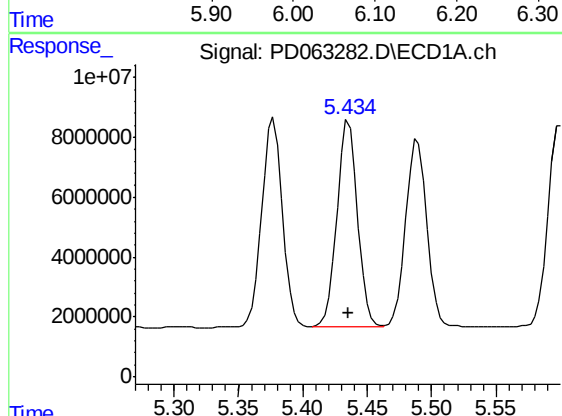
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 77546392  
Conc: 470.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



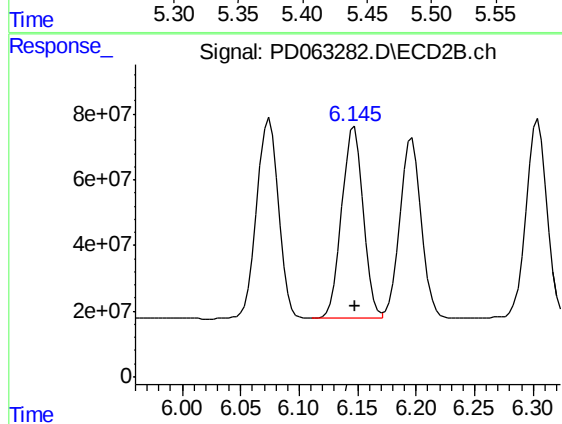
#25 Chlordane-3

R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 774085667  
Conc: 327.76 ng/ml



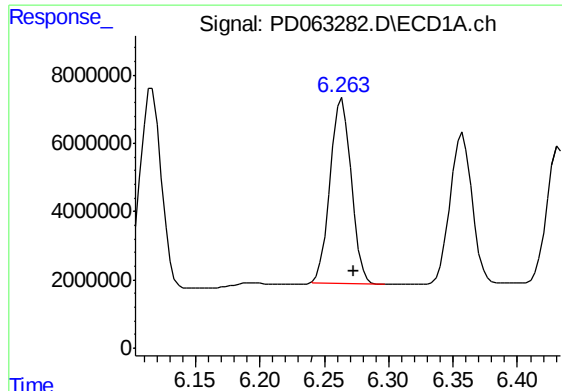
#26 Chlordane-4

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 76454000  
Conc: 565.65 ng/ml



#26 Chlordane-4

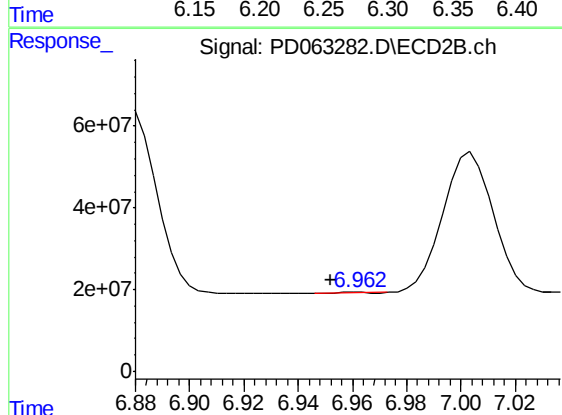
R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 733856853  
Conc: 271.37 ng/ml



#27 Chlordane-5

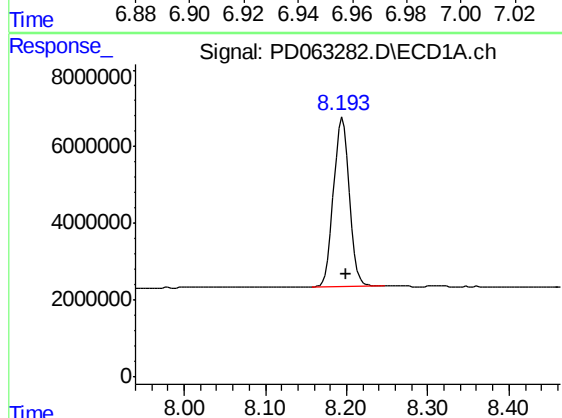
R.T.: 6.264 min  
Delta R.T.: -0.009 min  
Response: 62243628  
Conc: 1248.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



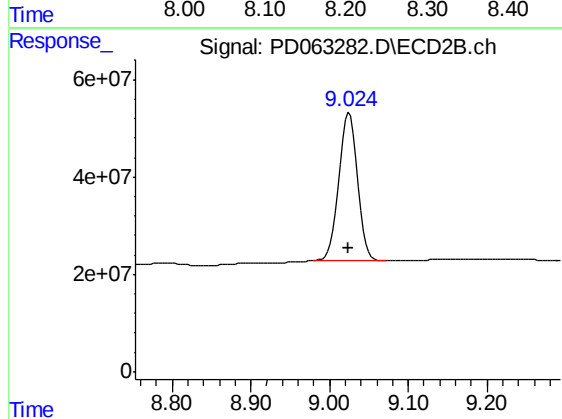
#27 Chlordane-5

R.T.: 6.963 min  
Delta R.T.: 0.011 min  
Response: 94053  
Conc: 0.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: -0.004 min  
Response: 59719598  
Conc: 47.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 513490318  
Conc: 50.33 ng/ml