

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2021 00:59  
 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 27 06:31:01 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... | 3.441  | 3.971  | 58151716 | 571.0E6 | 52.792   | 49.278    |
| 28)                         | SA Decachlor... | 8.196  | 9.025  | 55118553 | 490.2E6 | 43.795   | 48.049    |
| Target Compounds            |                 |        |        |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.876  | 4.359  | 93455903 | 941.1E6 | 53.900   | 48.877    |
| 3)                          | MA gamma-BHC... | 4.160  | 4.643  | 85902702 | 845.2E6 | 52.835   | 48.970    |
| 4)                          | MA Heptachlor   | 4.460  | 5.151  | 77093635 | 775.3E6 | 49.008   | 46.762    |
| 5)                          | MB Aldrin       | 4.708  | 5.455  | 80773695 | 799.6E6 | 52.725   | 47.904    |
| 6)                          | B beta-BHC      | 4.410  | 4.814  | 40327157 | 356.3E6 | 52.130   | 48.037    |
| 7)                          | B delta-BHC     | 4.614  | 5.031  | 86711419 | 828.0E6 | 52.604   | 59.259    |
| 8)                          | B Heptachlo...  | 5.151  | 5.841  | 73879993 | 731.5E6 | 51.266   | 47.823    |
| 9)                          | A Endosulfan I  | 5.489  | 6.197  | 68481838 | 673.1E6 | 50.466   | 47.385    |
| 10)                         | B gamma-Chl...  | 5.377  | 6.075  | 74607395 | 757.9E6 | 50.864   | 48.621    |
| 11)                         | B alpha-Chl...  | 5.436  | 6.148  | 72889251 | 700.2E6 | 50.486   | 47.246    |
| 12)                         | B 4,4'-DDE      | 5.600  | 6.305  | 72621172 | 703.6E6 | 50.620   | 46.616    |
| 13)                         | MA Dieldrin     | 5.733  | 6.454  | 74180594 | 714.5E6 | 50.135   | 47.122    |
| 14)                         | MA Endrin       | 5.990  | 6.672  | 63510334 | 567.0E6 | 47.485   | 44.440    |
| 15)                         | B Endosulfa...  | 6.264  | 6.880  | 56881220 | 547.1E6 | 45.720   | 45.621    |
| 16)                         | A 4,4'-DDD      | 6.116  | 6.794  | 57036631 | 570.9E6 | 47.413   | 47.054    |
| 17)                         | MA 4,4'-DDT     | 6.357  | 7.092  | 52271592 | 502.8E6 | 45.733   | 44.592    |
| 18)                         | B Endrin al...  | 6.432  | 7.004  | 51469786 | 467.2E6 | 48.421   | 45.871    |
| 19)                         | B Endosulfa...  | 6.646  | 7.228  | 55169561 | 579.3E6 | 45.773   | 47.211    |
| 20)                         | A Methoxychlor  | 6.904  | 7.551  | 28542960 | 237.7E6 | 42.534   | 41.443    |
| 21)                         | B Endrin ke...  | 7.138  | 7.698  | 72930061 | 576.6E6 | 49.353   | 48.070    |
| 22)                         | Mirex           | 7.325  | 8.151  | 46244001 | 333.6E6 | 43.097   | 43.863    |
| 23)                         | Chlordane-1     | 4.335f | 0.000  | 188424   | 0       | 4.047    | N.D. #    |
| 24)                         | Chlordane-2     | 0.000  | 5.404f | 0        | 42438   | N.D.     | 0.075 #   |
| 25)                         | Chlordane-3     | 5.377  | 6.075  | 74607395 | 757.9E6 | 452.549  | 320.924 # |
| 26)                         | Chlordane-4     | 5.436  | 6.148  | 72889251 | 700.2E6 | 539.279  | 258.910 # |
| 27)                         | Chlordane-5     | 6.264  | 6.946  | 56881220 | 484650  | 1140.979 | 1.084 #   |
| -----                       |                 |        |        |          |         |          |           |

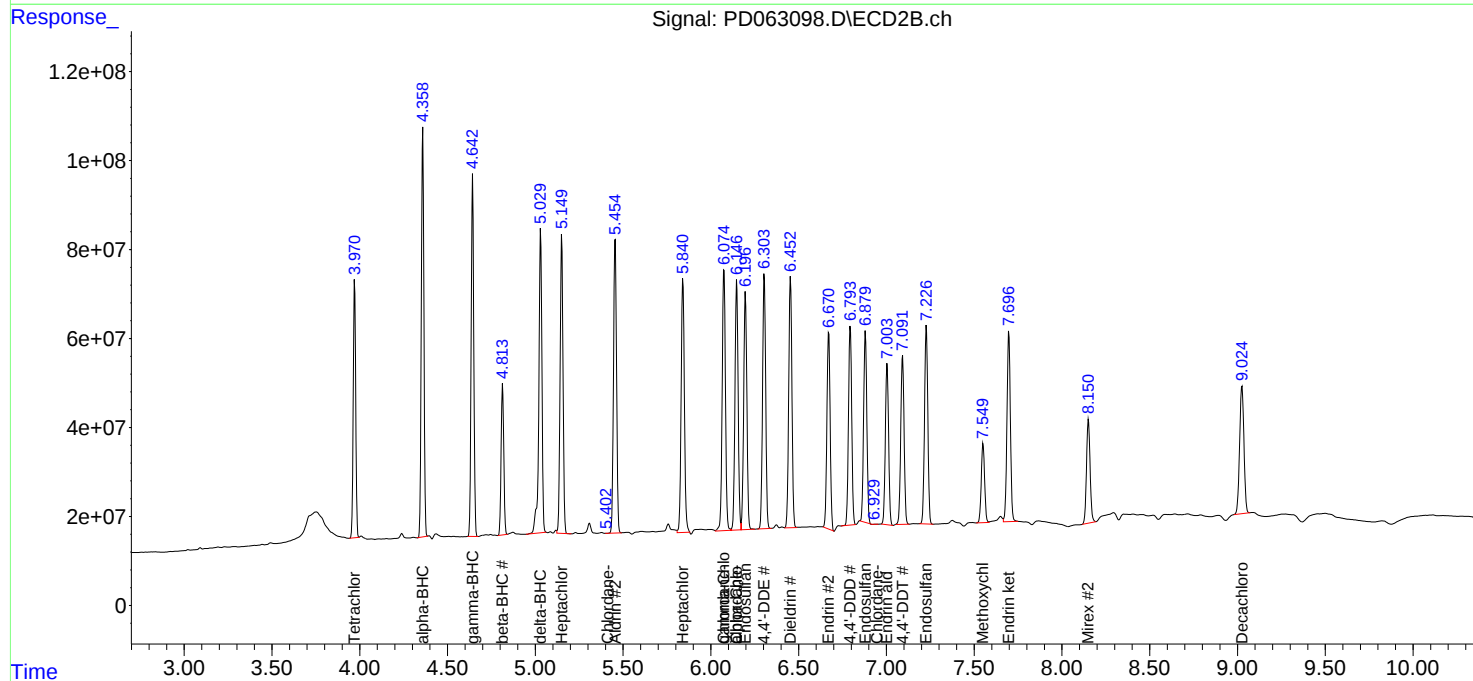
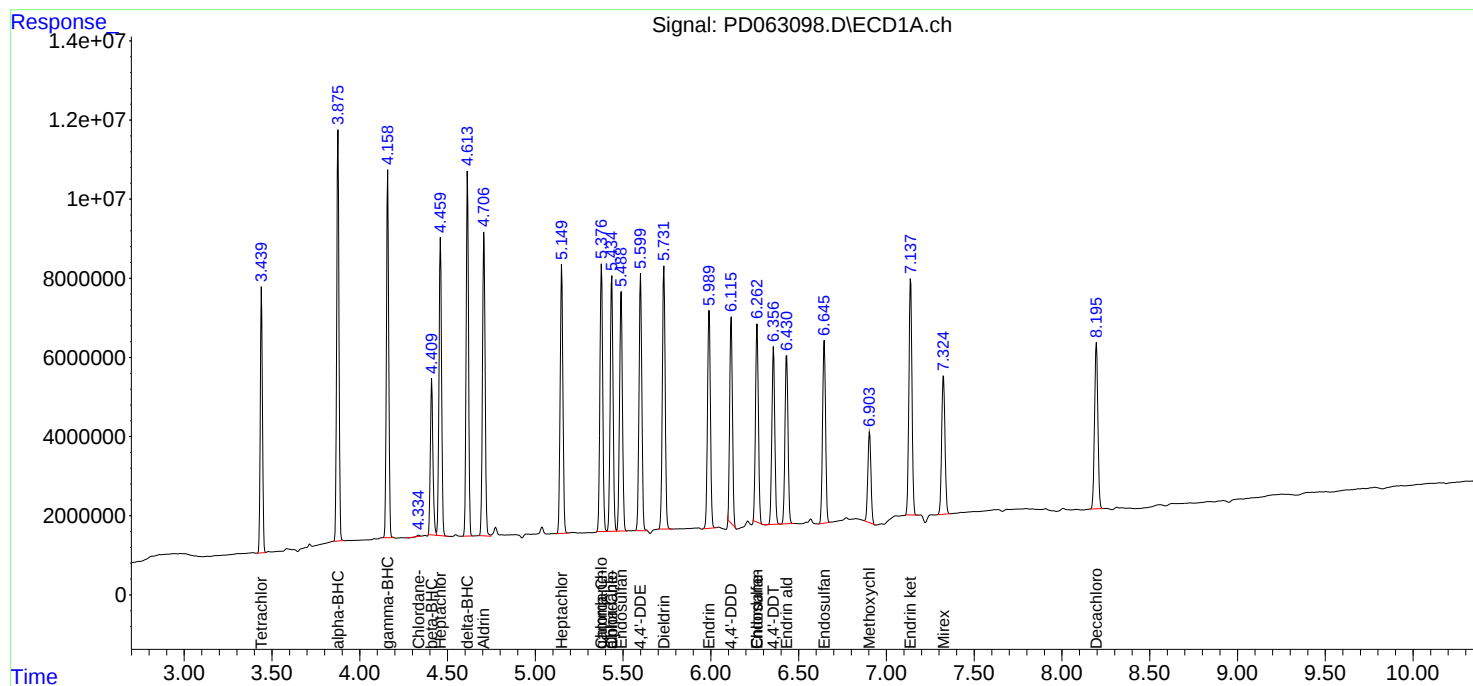
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

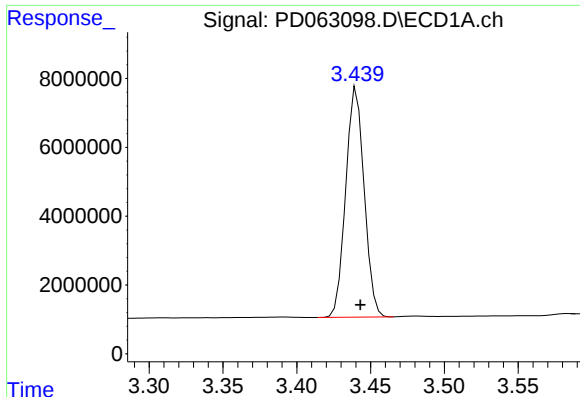
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
Data File : PD063098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2021 00:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 06:31:01 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

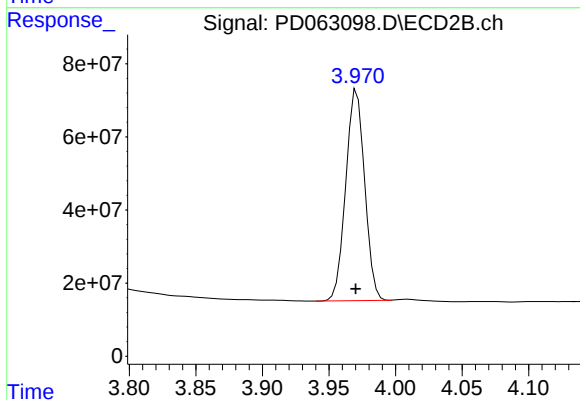




#1 Tetrachloro-m-xylene

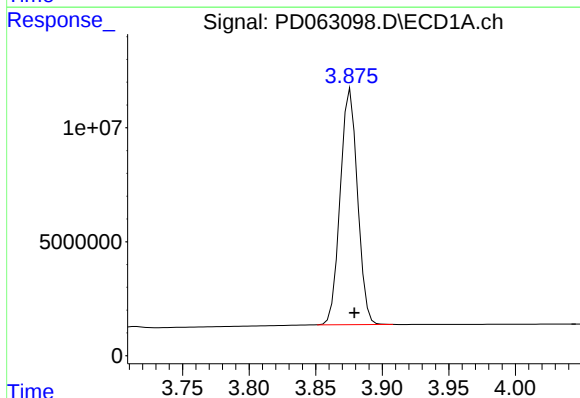
R.T.: 3.441 min  
Delta R.T.: -0.002 min  
Response: 58151716  
Conc: 52.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



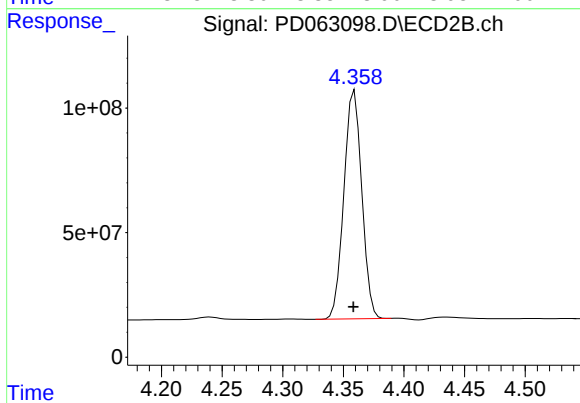
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 571036792  
Conc: 49.28 ng/ml



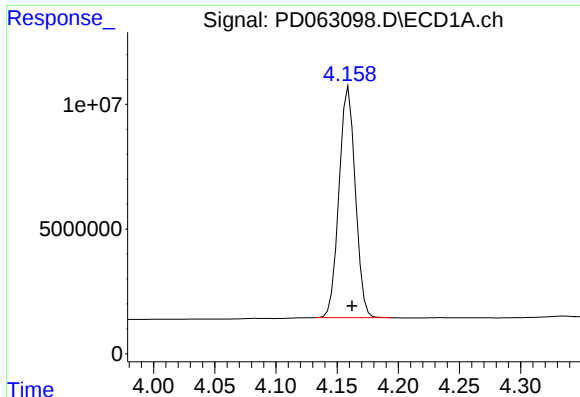
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: -0.003 min  
Response: 93455903  
Conc: 53.90 ng/ml



#2 alpha-BHC

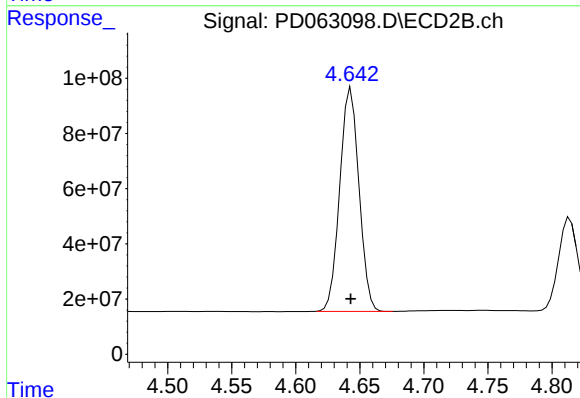
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 941111691  
Conc: 48.88 ng/ml



#3 gamma-BHC (Lindane)

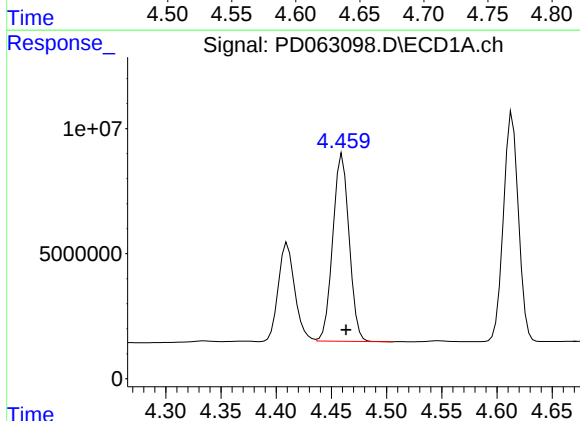
R.T.: 4.160 min  
Delta R.T.: -0.003 min  
Response: 85902702  
Conc: 52.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



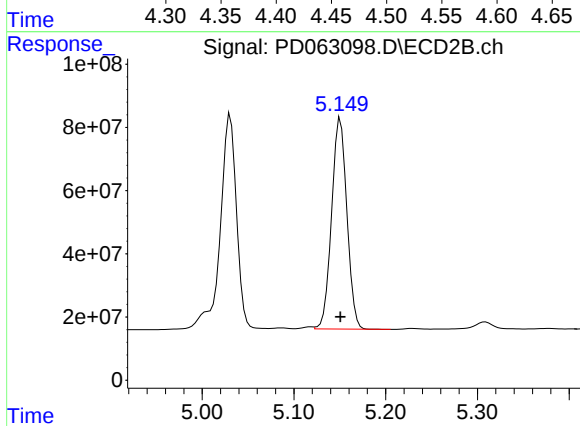
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 845174738  
Conc: 48.97 ng/ml



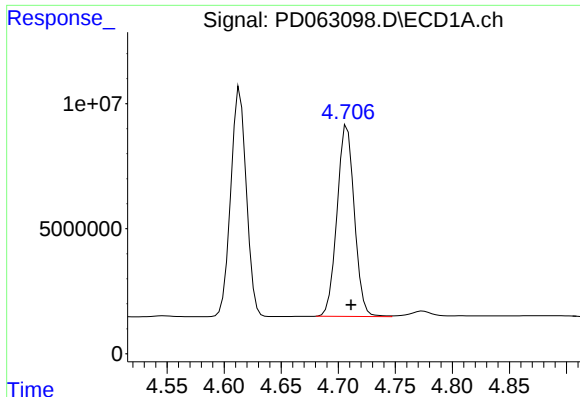
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: -0.003 min  
Response: 77093635  
Conc: 49.01 ng/ml



#4 Heptachlor

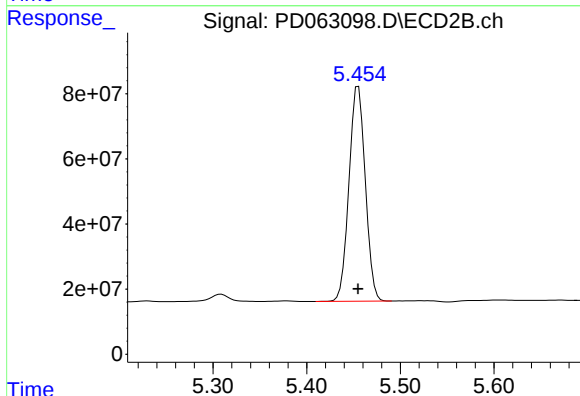
R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 775343357  
Conc: 46.76 ng/ml



#5 Aldrin

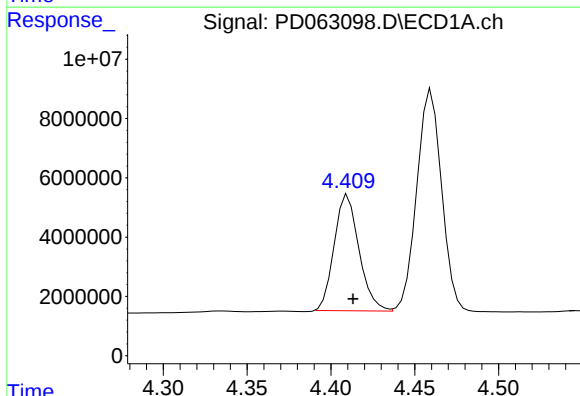
R.T.: 4.708 min  
Delta R.T.: -0.003 min  
Response: 80773695  
Conc: 52.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



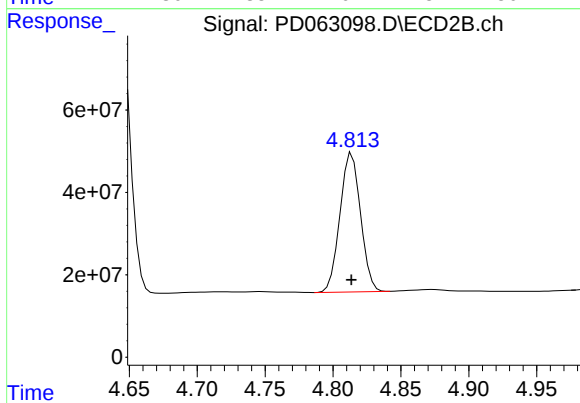
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 799613351  
Conc: 47.90 ng/ml



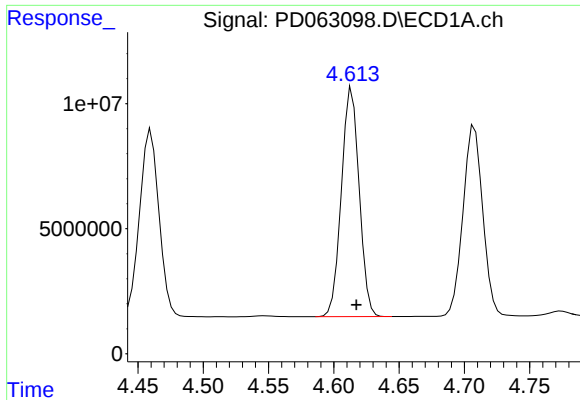
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: -0.003 min  
Response: 40327157  
Conc: 52.13 ng/ml



#6 beta-BHC

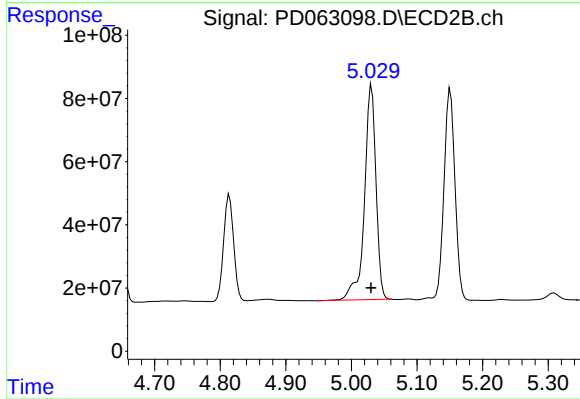
R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 356314886  
Conc: 48.04 ng/ml



#7 delta-BHC

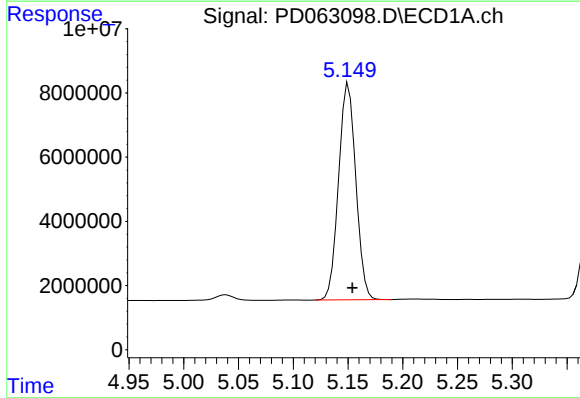
R.T.: 4.614 min  
Delta R.T.: -0.003 min  
Response: 86711419  
Conc: 52.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



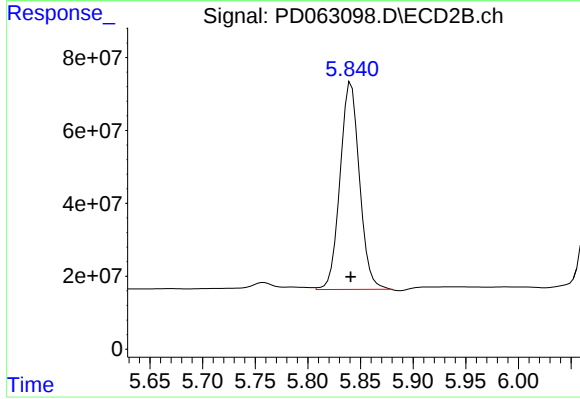
#7 delta-BHC

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 827961914  
Conc: 59.26 ng/ml



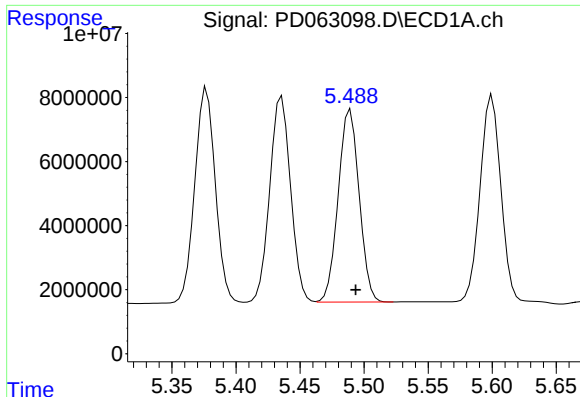
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 73879993  
Conc: 51.27 ng/ml



#8 Heptachlor epoxide

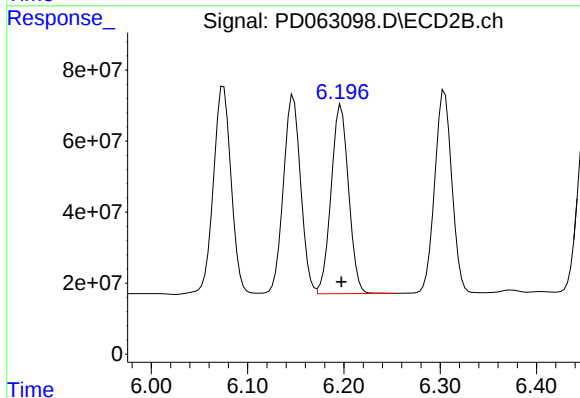
R.T.: 5.841 min  
Delta R.T.: 0.000 min  
Response: 731485486  
Conc: 47.82 ng/ml



#9 Endosulfan I

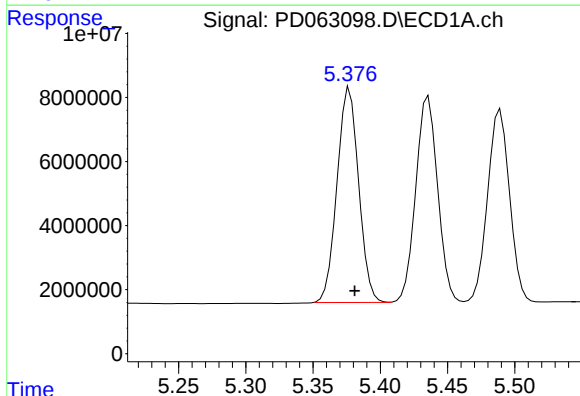
R.T.: 5.489 min  
Delta R.T.: -0.004 min  
Response: 68481838  
Conc: 50.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



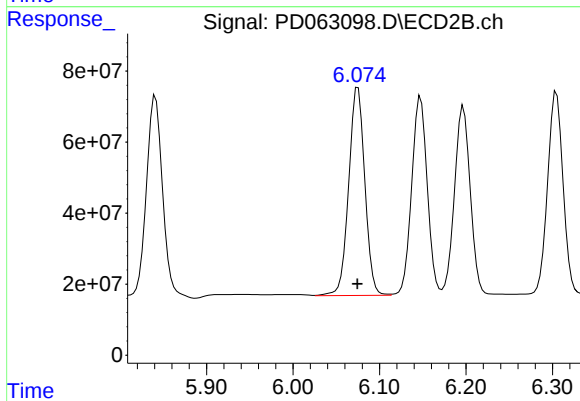
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 673097766  
Conc: 47.39 ng/ml



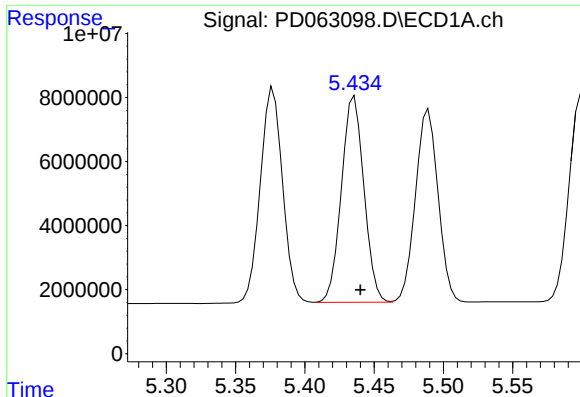
#10 gamma-Chlordane

R.T.: 5.377 min  
Delta R.T.: -0.004 min  
Response: 74607395  
Conc: 50.86 ng/ml



#10 gamma-Chlordane

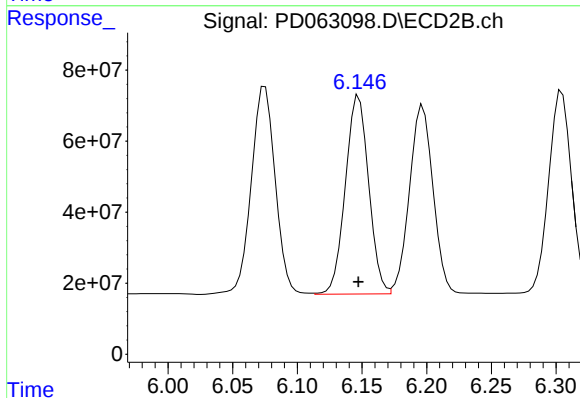
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 757949178  
Conc: 48.62 ng/ml



#11 alpha-Chlordane

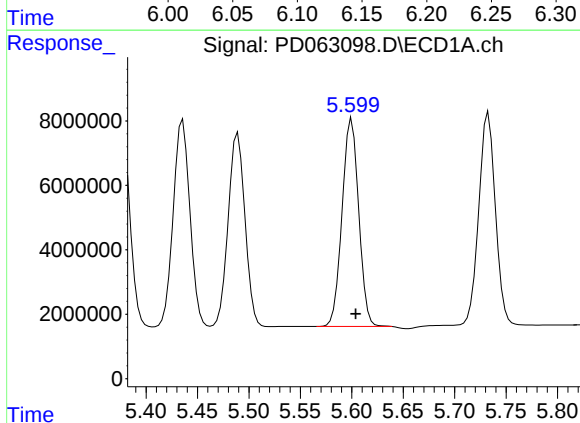
R.T.: 5.436 min  
Delta R.T.: -0.004 min  
Response: 72889251  
Conc: 50.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



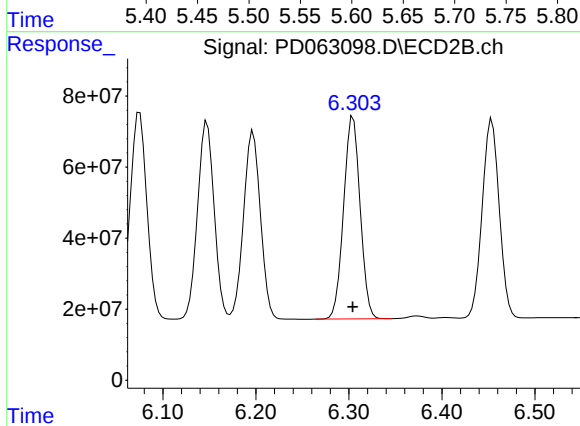
#11 alpha-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 700163014  
Conc: 47.25 ng/ml



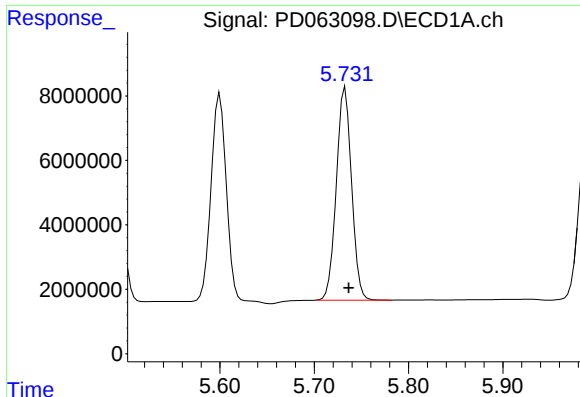
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: -0.004 min  
Response: 72621172  
Conc: 50.62 ng/ml



#12 4,4'-DDE

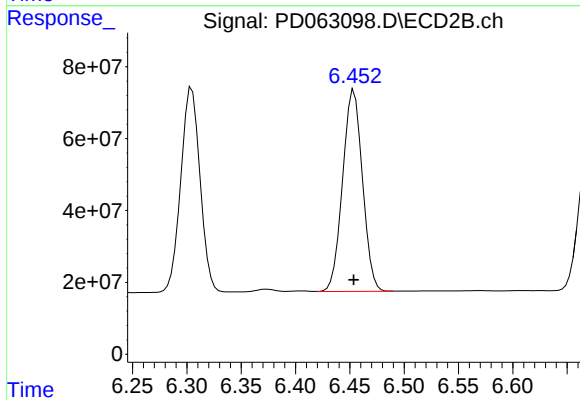
R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 703630838  
Conc: 46.62 ng/ml



#13 Dieldrin

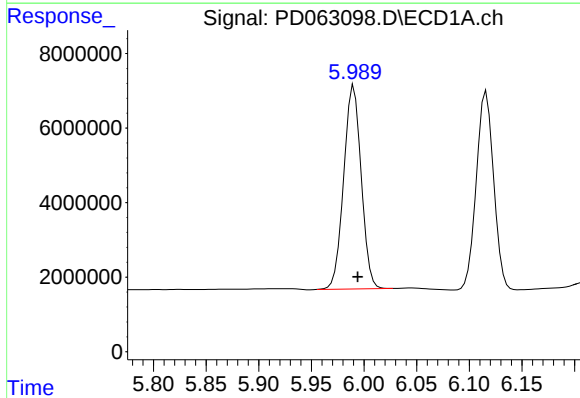
R.T.: 5.733 min  
Delta R.T.: -0.004 min  
Response: 74180594  
Conc: 50.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



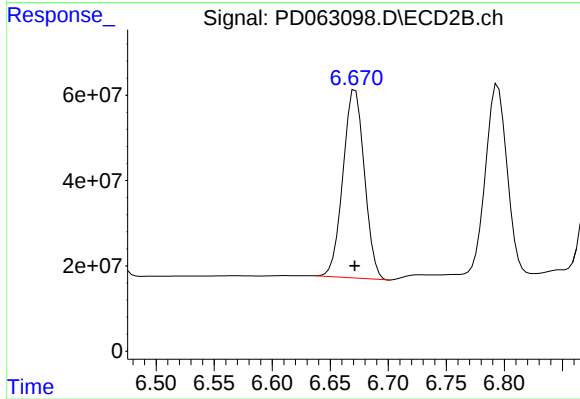
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 714537482  
Conc: 47.12 ng/ml



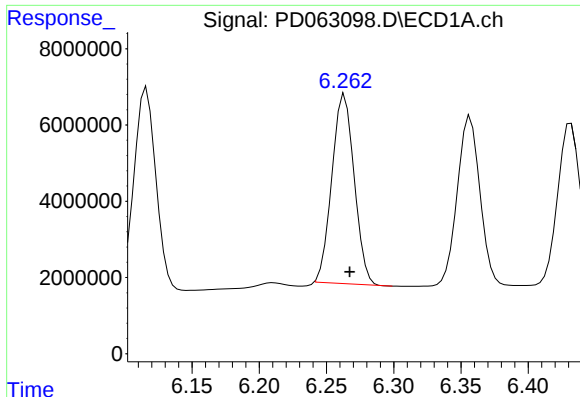
#14 Endrin

R.T.: 5.990 min  
Delta R.T.: -0.004 min  
Response: 63510334  
Conc: 47.49 ng/ml



#14 Endrin

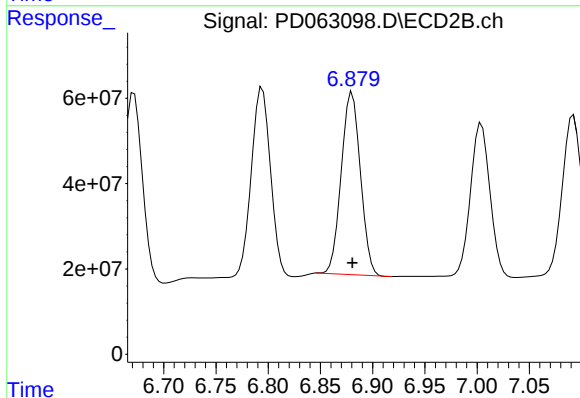
R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 567000567  
Conc: 44.44 ng/ml



#15 Endosulfan II

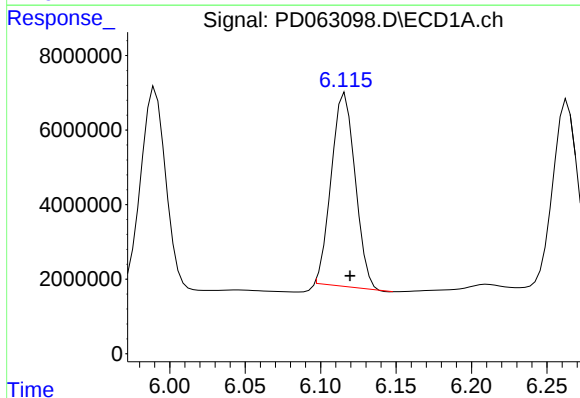
R.T.: 6.264 min  
Delta R.T.: -0.004 min  
Response: 56881220  
Conc: 45.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



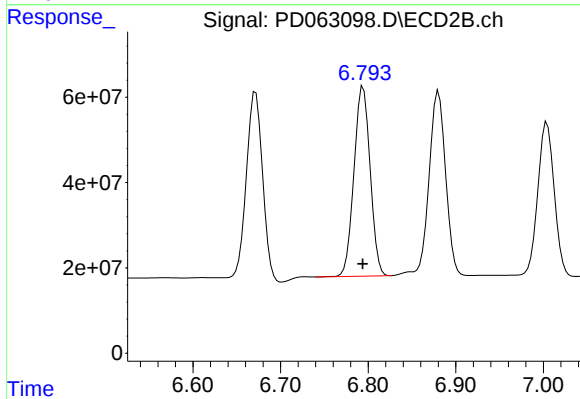
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 547075891  
Conc: 45.62 ng/ml



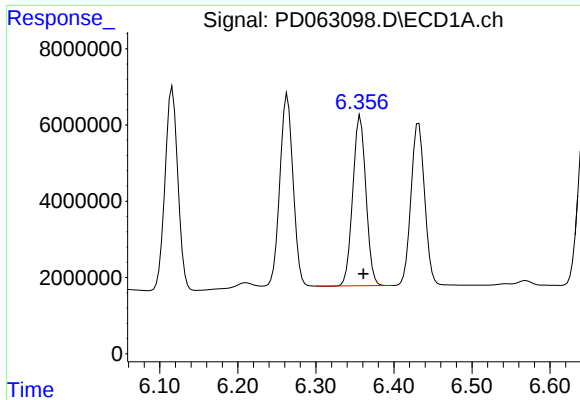
#16 4,4'-DDD

R.T.: 6.116 min  
Delta R.T.: -0.003 min  
Response: 57036631  
Conc: 47.41 ng/ml



#16 4,4'-DDD

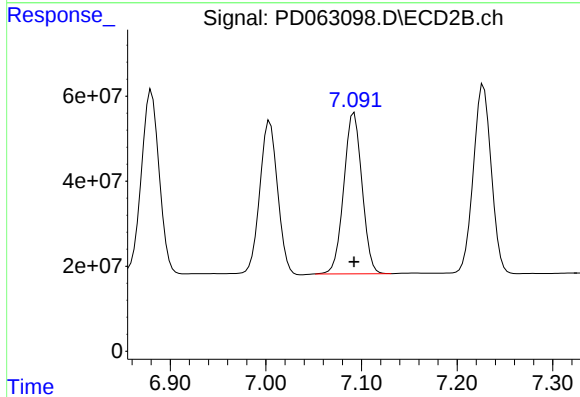
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 570877363  
Conc: 47.05 ng/ml



#17 4,4'-DDT

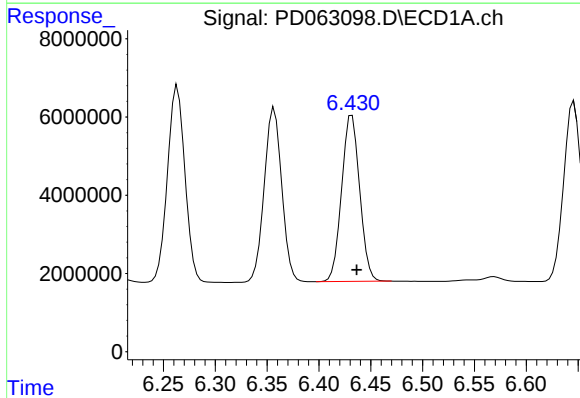
R.T.: 6.357 min  
Delta R.T.: -0.004 min  
Response: 52271592  
Conc: 45.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



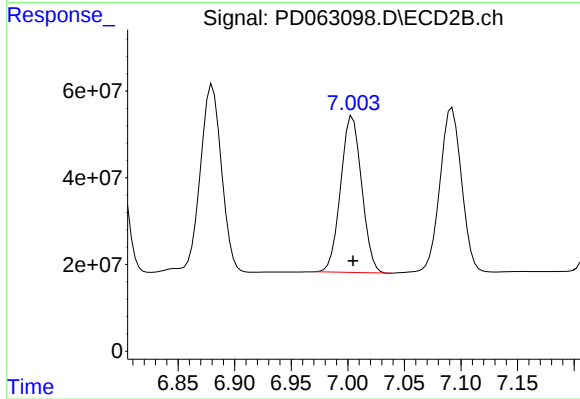
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 502806943  
Conc: 44.59 ng/ml



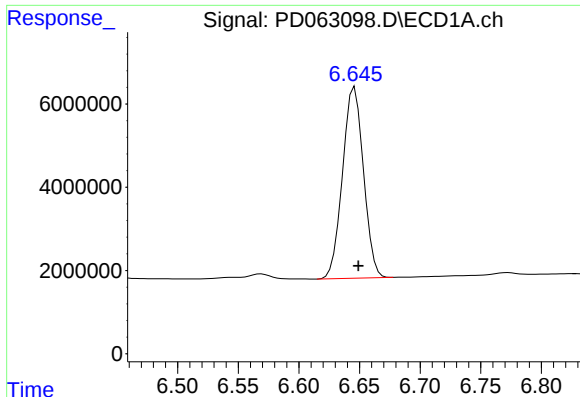
#18 Endrin aldehyde

R.T.: 6.432 min  
Delta R.T.: -0.005 min  
Response: 51469786  
Conc: 48.42 ng/ml



#18 Endrin aldehyde

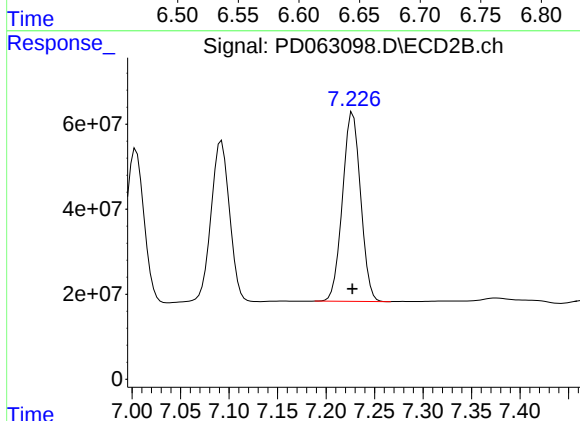
R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 467178650  
Conc: 45.87 ng/ml



#19 Endosulfan Sulfate

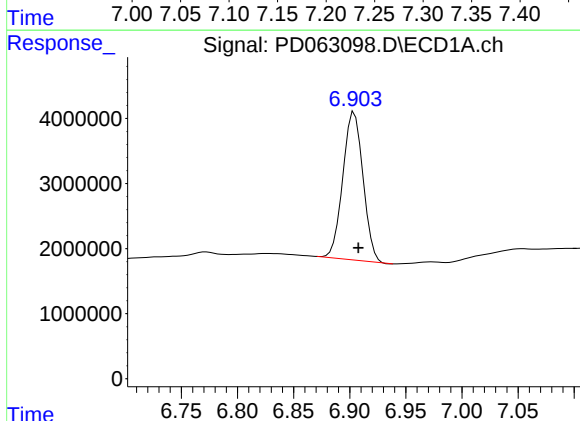
R.T.: 6.646 min  
Delta R.T.: -0.003 min  
Response: 55169561  
Conc: 45.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



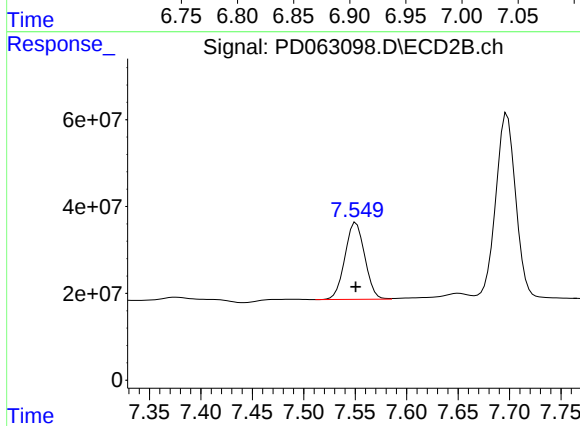
#19 Endosulfan Sulfate

R.T.: 7.228 min  
Delta R.T.: 0.000 min  
Response: 579277197  
Conc: 47.21 ng/ml



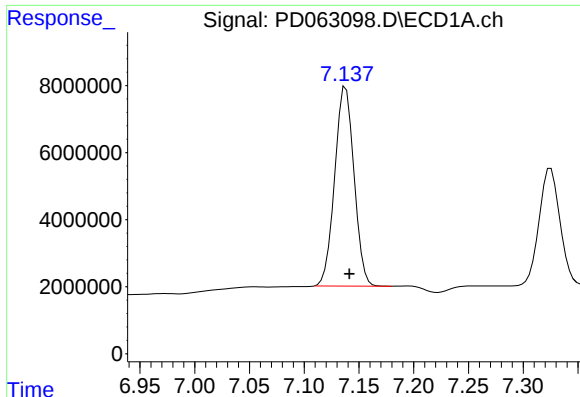
#20 Methoxychlor

R.T.: 6.904 min  
Delta R.T.: -0.004 min  
Response: 28542960  
Conc: 42.53 ng/ml



#20 Methoxychlor

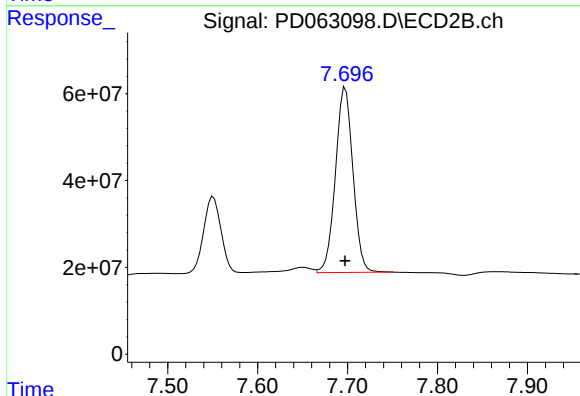
R.T.: 7.551 min  
Delta R.T.: 0.000 min  
Response: 237743534  
Conc: 41.44 ng/ml



#21 Endrin ketone

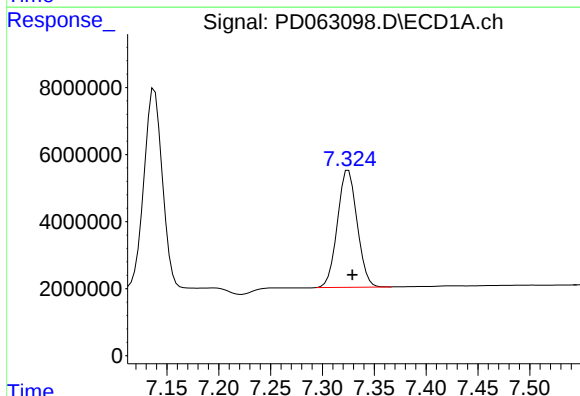
R.T.: 7.138 min  
Delta R.T.: -0.003 min  
Response: 72930061  
Conc: 49.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



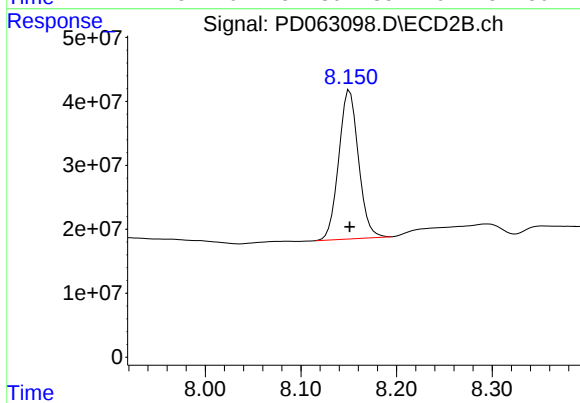
#21 Endrin ketone

R.T.: 7.698 min  
Delta R.T.: 0.000 min  
Response: 576619014  
Conc: 48.07 ng/ml



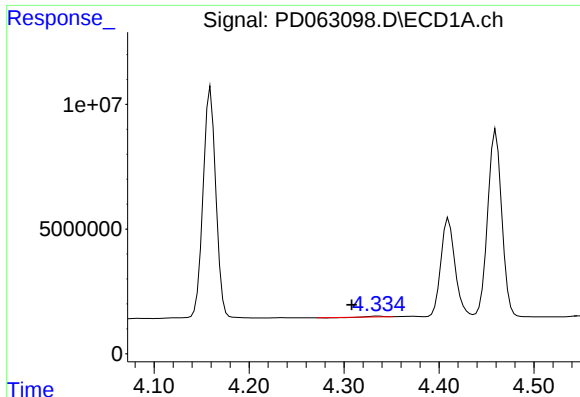
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: -0.004 min  
Response: 46244001  
Conc: 43.10 ng/ml



#22 Mirex

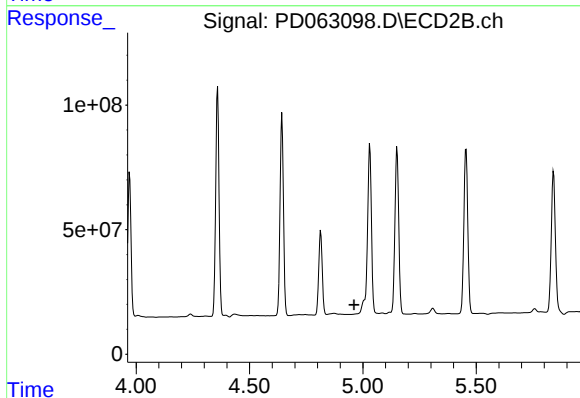
R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 333554790  
Conc: 43.86 ng/ml



#23 Chlordane-1

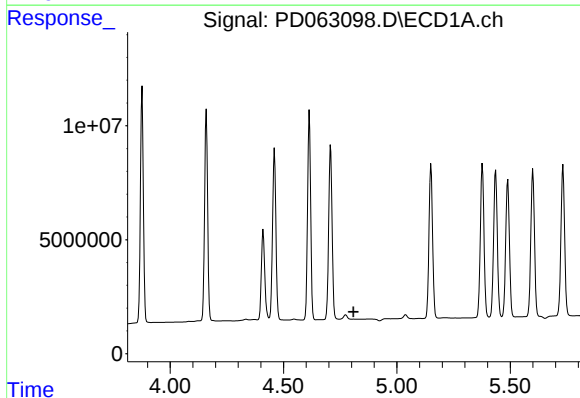
R.T.: 4.335 min  
Delta R.T.: 0.027 min  
Response: 188424  
Conc: 4.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



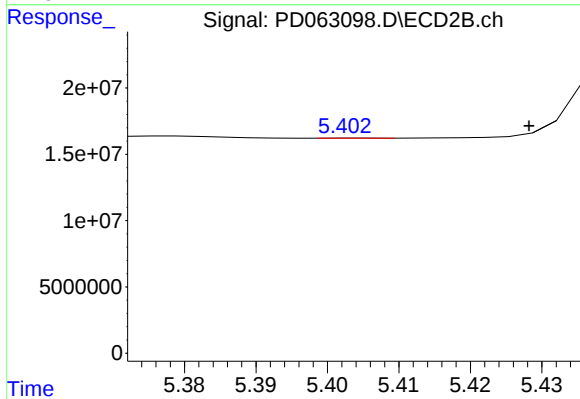
#23 Chlordane-1

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



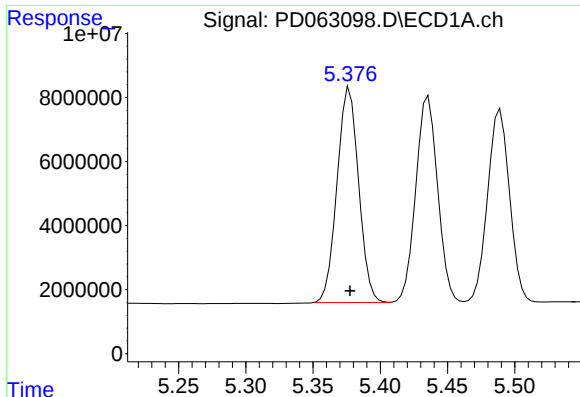
#24 Chlordane-2

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



#24 Chlordane-2

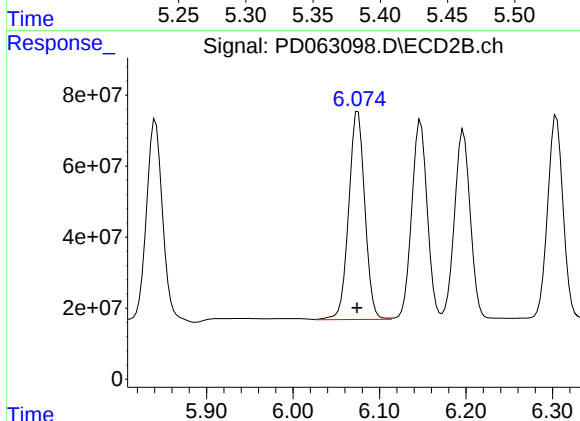
R.T.: 5.404 min  
Delta R.T.: -0.024 min  
Response: 42438  
Conc: 0.08 ng/ml



#25 Chlordane-3

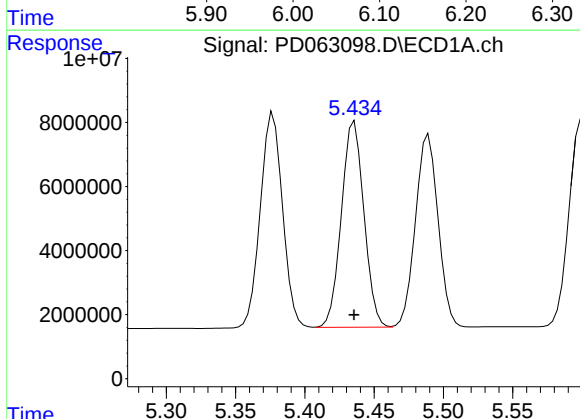
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 74607395  
Conc: 452.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



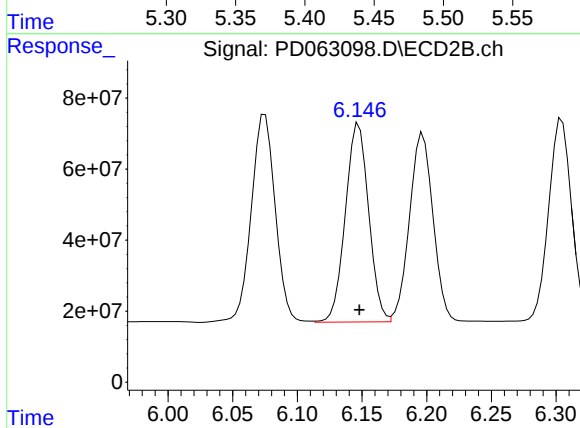
#25 Chlordane-3

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 757949178  
Conc: 320.92 ng/ml



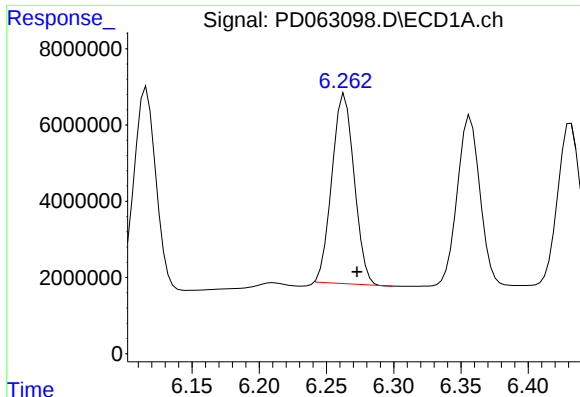
#26 Chlordane-4

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 72889251  
Conc: 539.28 ng/ml



#26 Chlordane-4

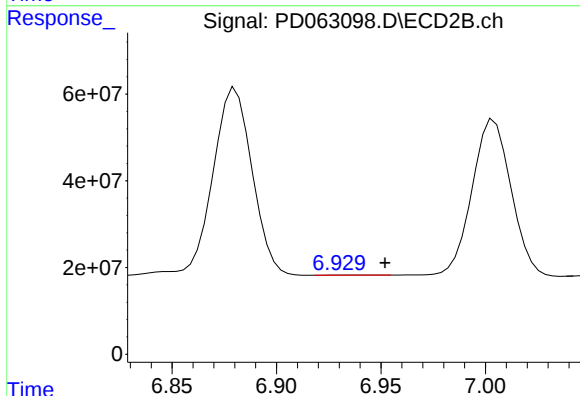
R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 700163014  
Conc: 258.91 ng/ml



#27 Chlordane-5

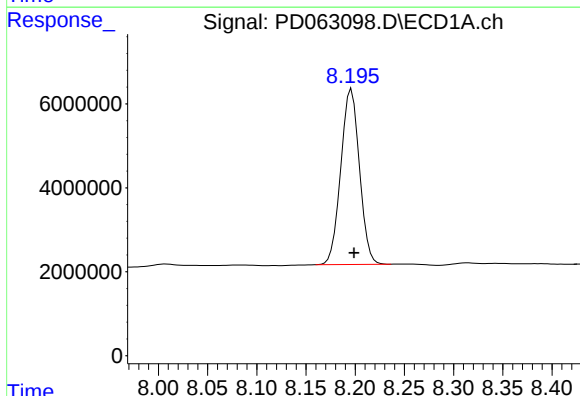
R.T.: 6.264 min  
Delta R.T.: -0.009 min  
Response: 56881220  
Conc: 1140.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



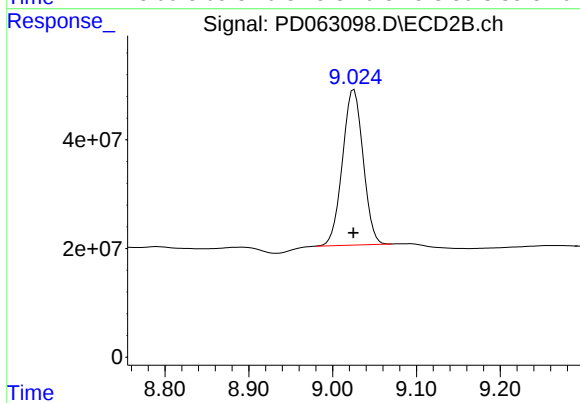
#27 Chlordane-5

R.T.: 6.946 min  
Delta R.T.: -0.006 min  
Response: 484650  
Conc: 1.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 55118553  
Conc: 43.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.000 min  
Response: 490198265  
Conc: 48.05 ng/ml