

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060821\  
 Data File : PD063641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2021 17:54  
 Operator : AR\AJ  
 Sample : M2626-03MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 01:50:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 03 01:33:41 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... | 3.439  | 3.971  | 26889571 | 290.8E6  | 19.432   | 21.704     |
| 28)                         | SA Decachlor... | 8.194  | 9.025  | 21897668 | 187.3E6  | 13.924   | 13.555     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.875  | 4.359  | 106.8E6  | 1063.7E6 | 51.080   | 51.458     |
| 3)                          | MA gamma-BHC... | 4.158  | 4.643  | 100.5E6  | 987.6E6  | 51.187   | 52.071     |
| 4)                          | MA Heptachlor   | 4.459  | 5.150  | 98916589 | 997.6E6  | 50.946   | 52.199     |
| 5)                          | MB Aldrin       | 4.707  | 5.455  | 93213143 | 993.7E6  | 49.322   | 51.105     |
| 6)                          | B beta-BHC      | 4.409  | 4.814  | 44120757 | 422.2E6  | 50.716   | 53.619     |
| 7)                          | B delta-BHC     | 4.613  | 5.030  | 85207326 | 791.6E6  | 43.446   | 41.592     |
| 8)                          | B Heptachlo...  | 5.149  | 5.840  | 87968381 | 866.9E6  | 50.200   | 47.424     |
| 9)                          | A Endosulfan I  | 5.488  | 6.197  | 83076725 | 879.7E6  | 50.403   | 51.628     |
| 10)                         | B gamma-Chl...  | 5.376  | 6.074  | 90240263 | 913.2E6  | 50.531   | 49.156     |
| 11)                         | B alpha-Chl...  | 5.435  | 6.147  | 87886473 | 904.3E6  | 49.702   | 50.865     |
| 12)                         | B 4,4'-DDE      | 5.598  | 6.304  | 88968489 | 944.8E6  | 51.168   | 51.990     |
| 13)                         | MA Dieldrin     | 5.731  | 6.454  | 92123098 | 955.5E6  | 52.450   | 52.782     |
| 14)                         | MA Endrin       | 5.989  | 6.671  | 86191323 | 808.4E6  | 54.193   | 52.595     |
| 15)                         | B Endosulfa...  | 6.262  | 6.880  | 72324304 | 873.2E6  | 51.584   | 59.215     |
| 16)                         | A 4,4'-DDD      | 6.115  | 6.794  | 72920984 | 854.9E6  | 50.282   | 57.461     |
| 17)                         | MA 4,4'-DDT     | 6.356  | 7.093  | 75480005 | 756.0E6  | 52.246   | 50.228     |
| 18)                         | B Endrin al...  | 6.431  | 7.005  | 66983541 | 680.6E6  | 56.296   | 56.177     |
| 19)                         | B Endosulfa...  | 6.645  | 7.227  | 64702412 | 769.6E6  | 50.627   | 50.752     |
| 20)                         | A Methoxychlor  | 6.903  | 7.551  | 41430096 | 347.7E6  | 51.946   | 46.951     |
| 21)                         | B Endrin ke...  | 7.137  | 7.698  | 92934798 | 710.4E6  | 52.385   | 48.582     |
| 22)                         | Mirex           | 7.325  | 8.151  | 58742787 | 491.1E6  | 51.172   | 49.116     |
| 23)                         | Chlordane-1     | 4.336f | 0.000  | 1476618  | 0        | 30.418   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.455f | 0        | 993.7E6  | N.D.     | 1776.095 # |
| 25)                         | Chlordane-3     | 5.376  | 6.074  | 90240263 | 913.2E6  | 530.548  | 369.607 #  |
| 26)                         | Chlordane-4     | 5.435  | 6.147  | 87886473 | 904.3E6  | 630.545  | 316.373 #  |
| 27)                         | Chlordane-5     | 6.262  | 6.947  | 72324304 | 19710781 | 1306.506 | 37.724 #   |
| -----                       |                 |        |        |          |          |          |            |

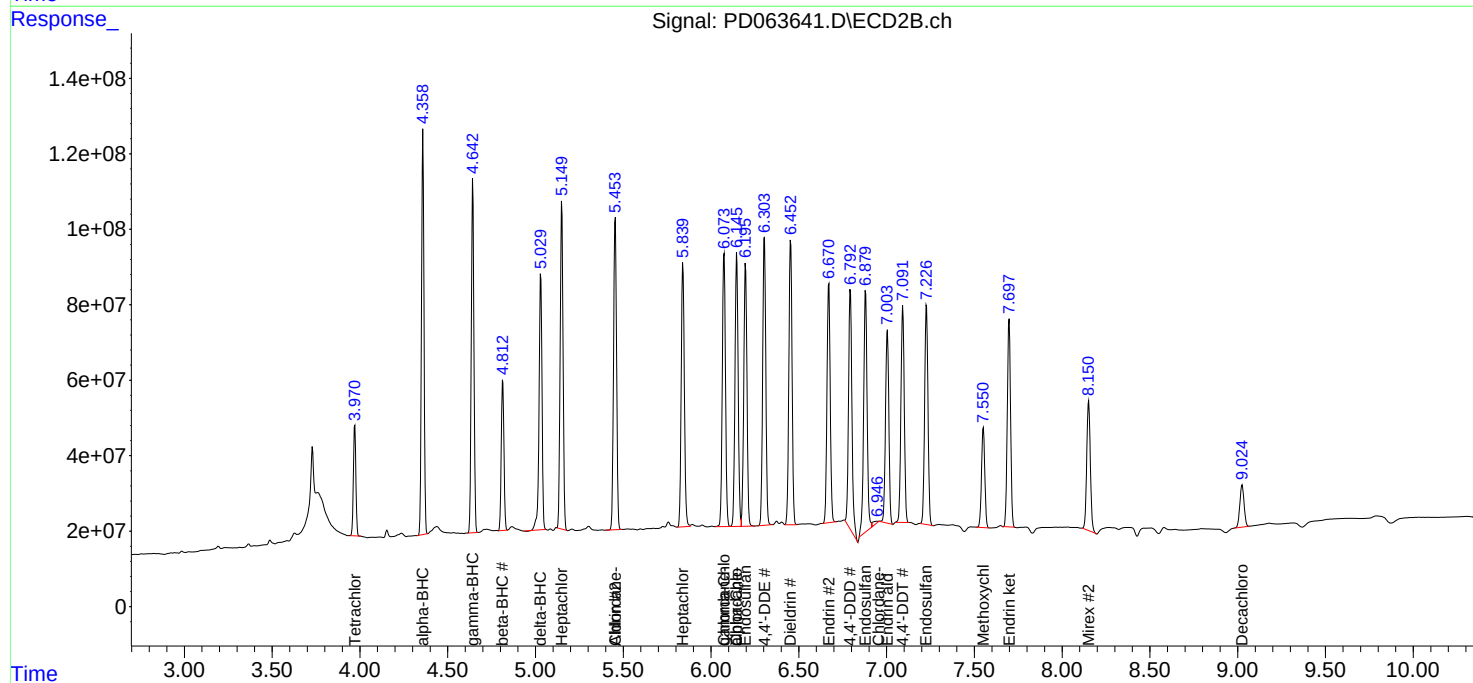
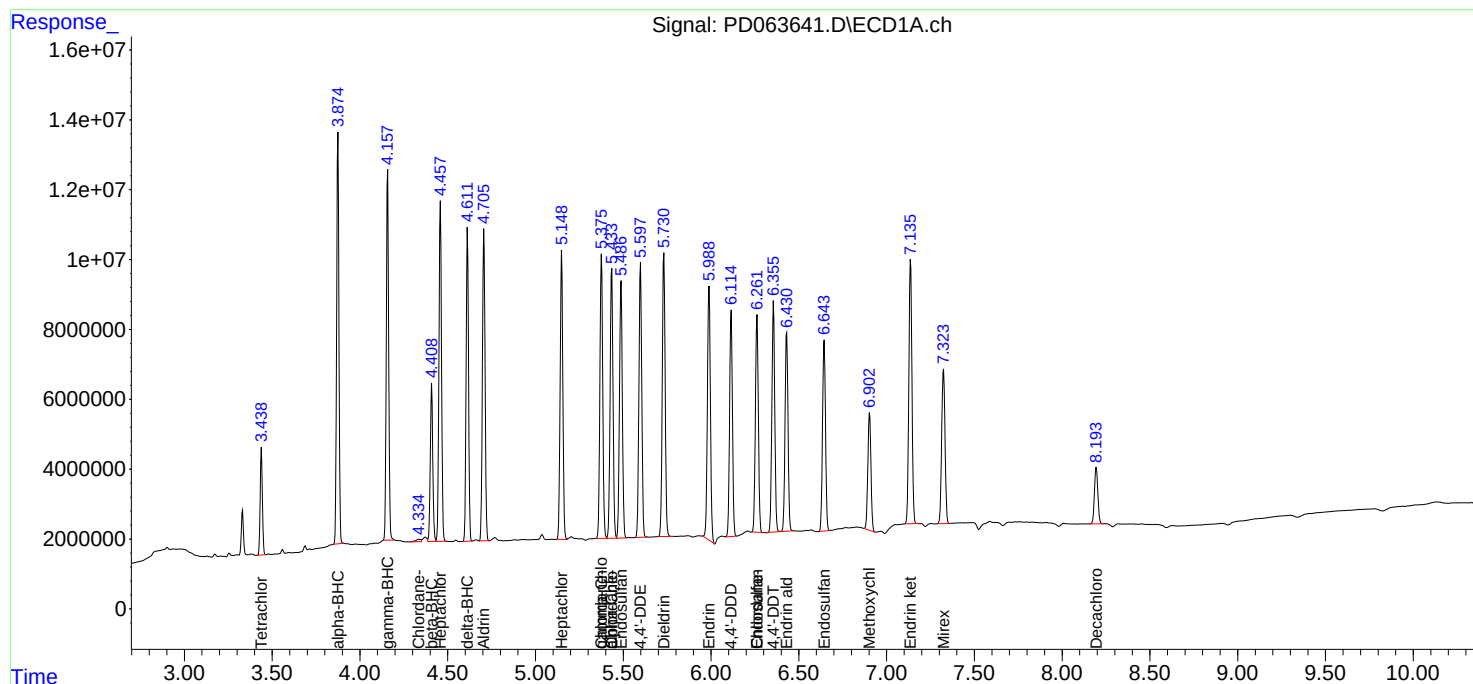
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

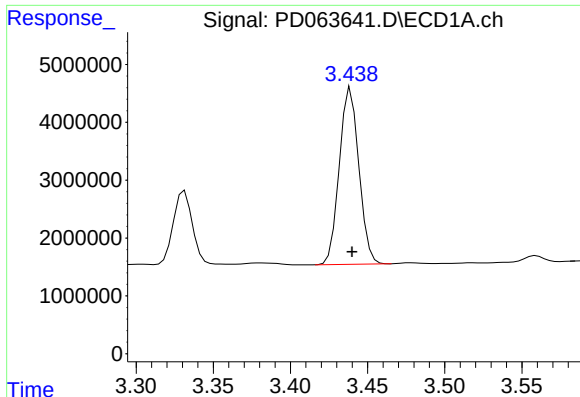
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060821\  
Data File : PD063641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jun 2021 17:54  
Operator : AR\AJ  
Sample : M2626-03MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 09 01:50:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060221.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 03 01:33:41 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

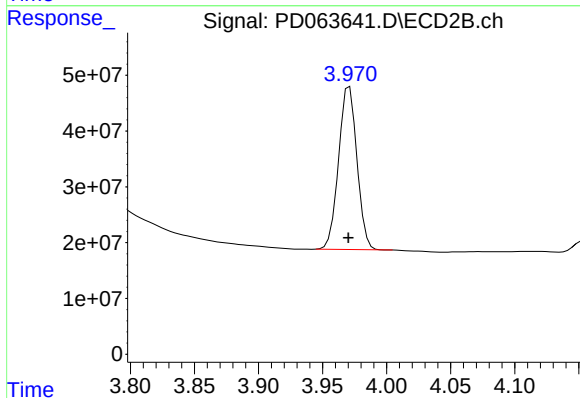




#1 Tetrachloro-m-xylene

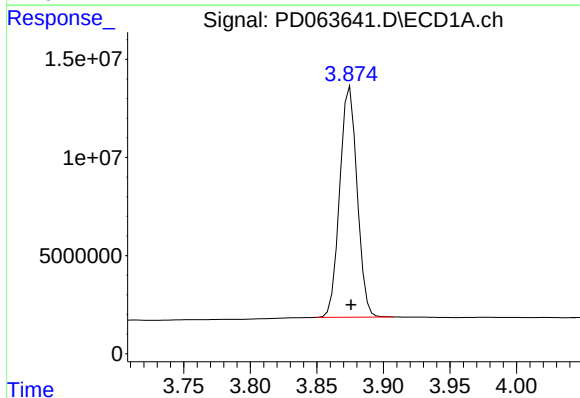
R.T.: 3.439 min  
Delta R.T.: 0.000 min  
Response: 26889571  
Conc: 19.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



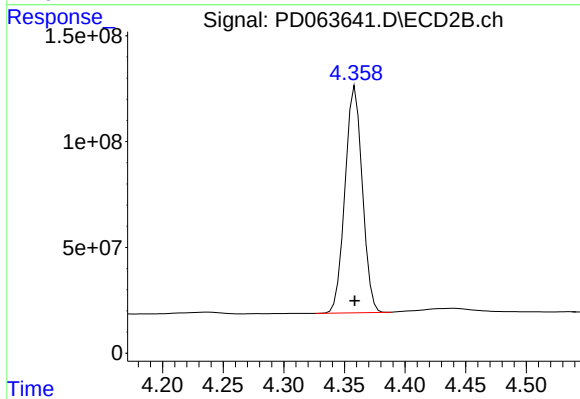
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 290800503  
Conc: 21.70 ng/ml



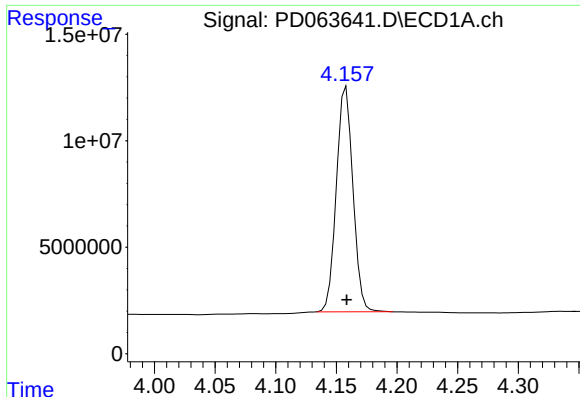
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: 0.000 min  
Response: 106802009  
Conc: 51.08 ng/ml



#2 alpha-BHC

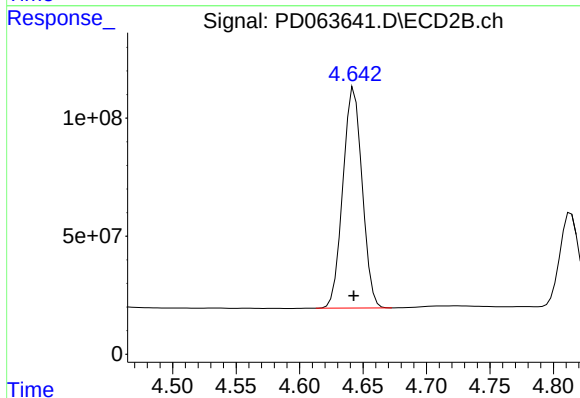
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 1063665927  
Conc: 51.46 ng/ml



#3 gamma-BHC (Lindane)

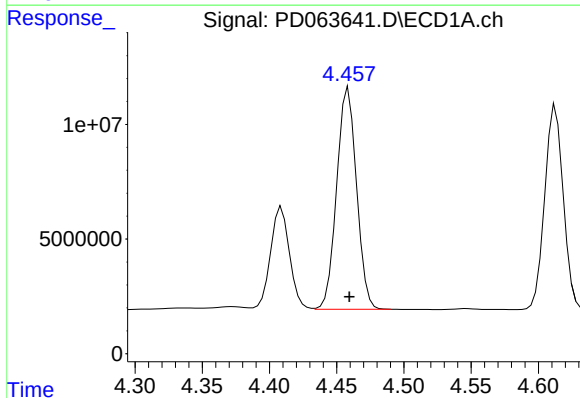
R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 100528607  
Conc: 51.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



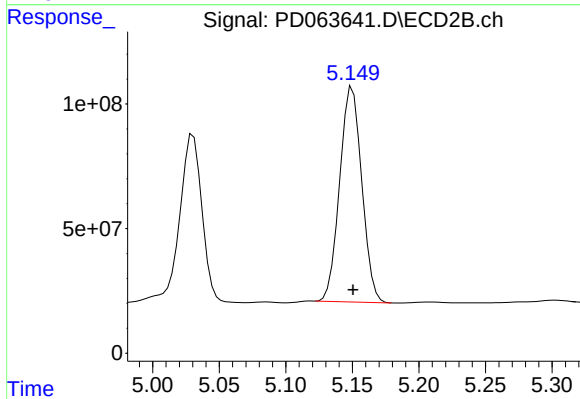
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 987606533  
Conc: 52.07 ng/ml



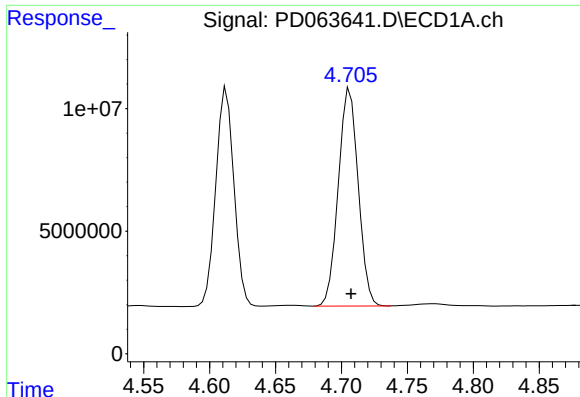
#4 Heptachlor

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 98916589  
Conc: 50.95 ng/ml



#4 Heptachlor

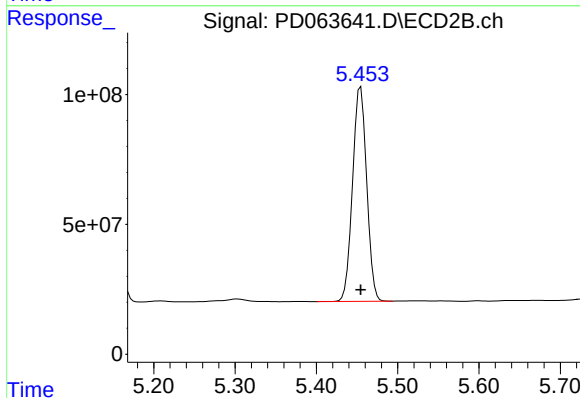
R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 997552047  
Conc: 52.20 ng/ml



#5 Aldrin

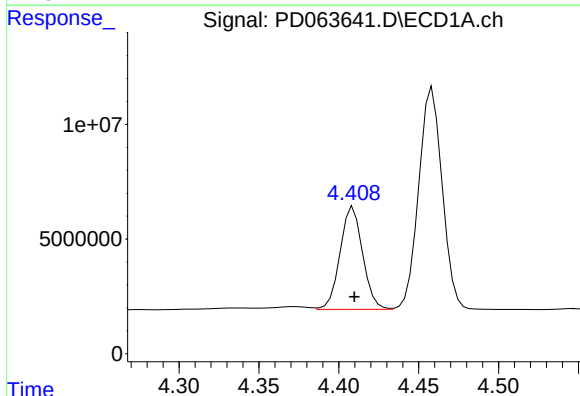
R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 93213143  
Conc: 49.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



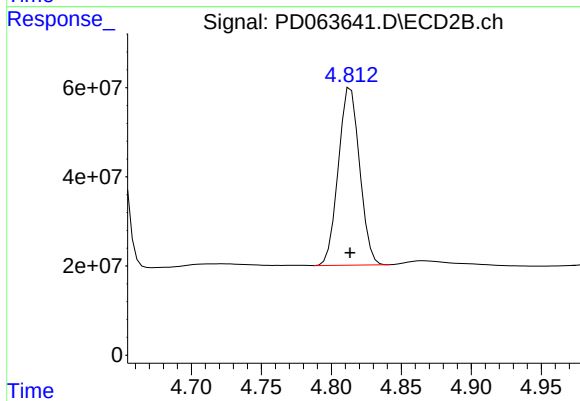
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 993669266  
Conc: 51.10 ng/ml



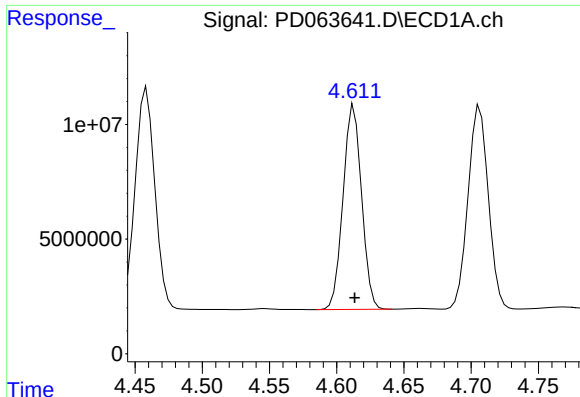
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 44120757  
Conc: 50.72 ng/ml



#6 beta-BHC

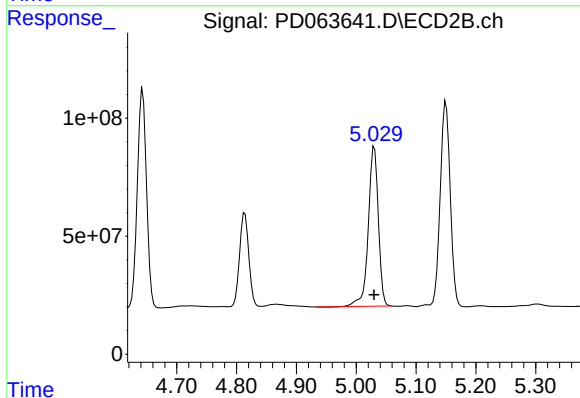
R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 422160012  
Conc: 53.62 ng/ml



#7 delta-BHC

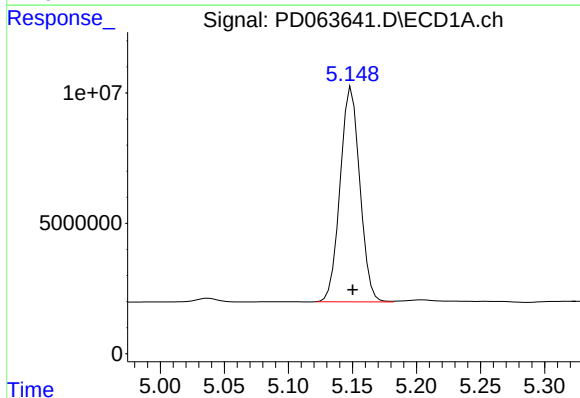
R.T.: 4.613 min  
Delta R.T.: 0.000 min  
Response: 85207326  
Conc: 43.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



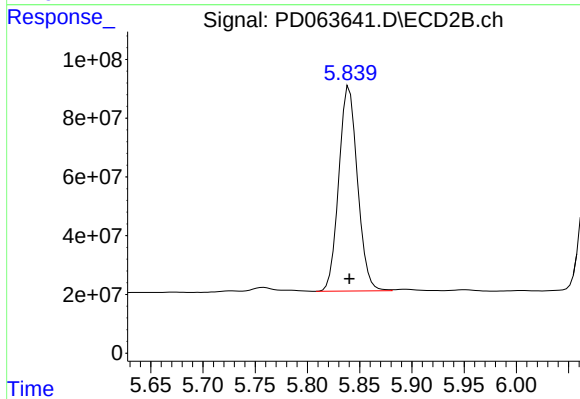
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 791585140  
Conc: 41.59 ng/ml



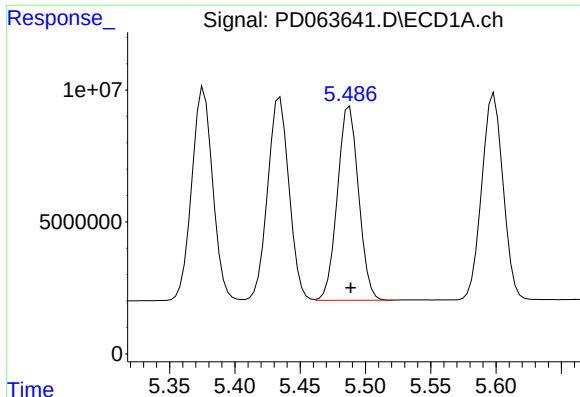
#8 Heptachlor epoxide

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 87968381  
Conc: 50.20 ng/ml



#8 Heptachlor epoxide

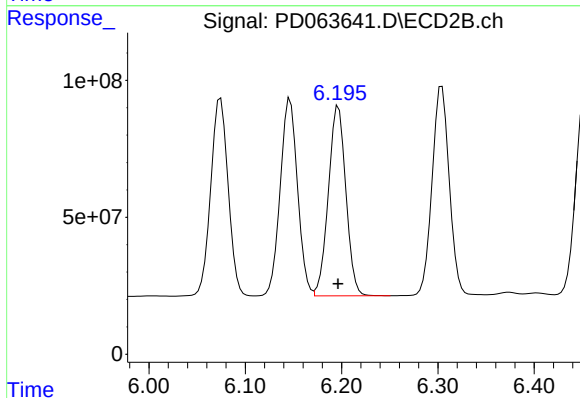
R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 866928251  
Conc: 47.42 ng/ml



#9 Endosulfan I

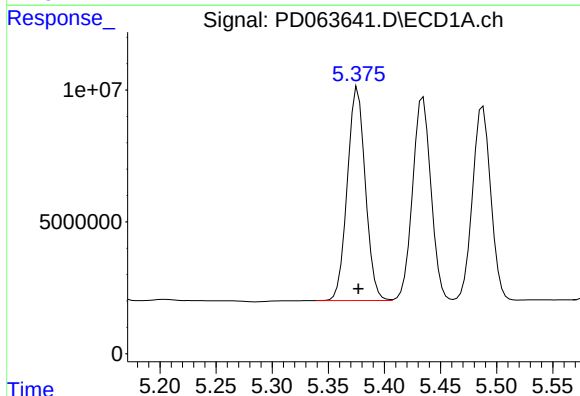
R.T.: 5.488 min  
Delta R.T.: 0.000 min  
Response: 83076725  
Conc: 50.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



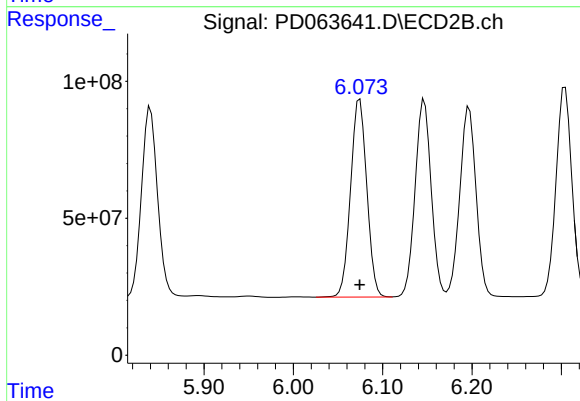
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 879653958  
Conc: 51.63 ng/ml



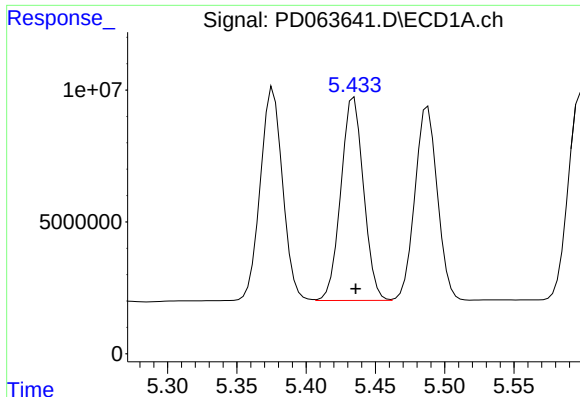
#10 gamma-Chlordane

R.T.: 5.376 min  
Delta R.T.: 0.000 min  
Response: 90240263  
Conc: 50.53 ng/ml



#10 gamma-Chlordane

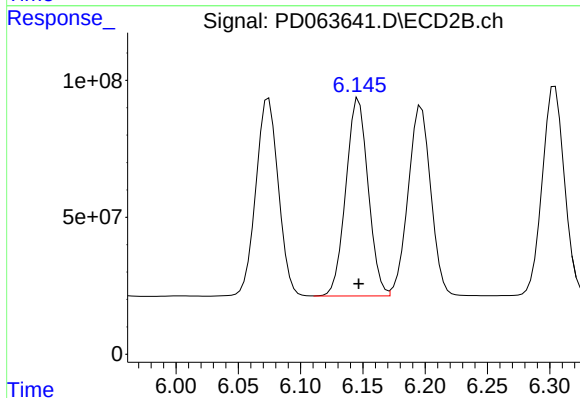
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 913152351  
Conc: 49.16 ng/ml



#11 alpha-Chlordane

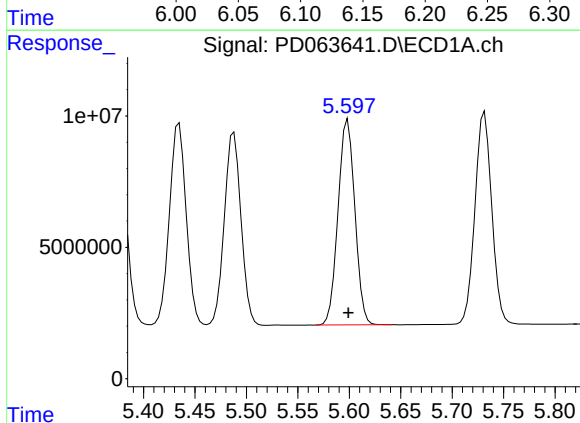
R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 87886473  
Conc: 49.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



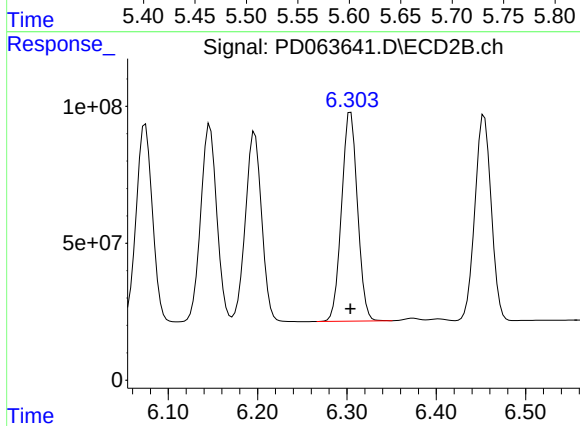
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 904290853  
Conc: 50.86 ng/ml



#12 4,4'-DDE

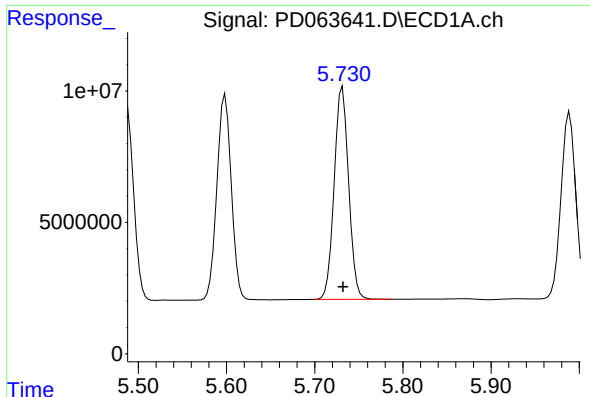
R.T.: 5.598 min  
Delta R.T.: 0.000 min  
Response: 88968489  
Conc: 51.17 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 944803864  
Conc: 51.99 ng/ml

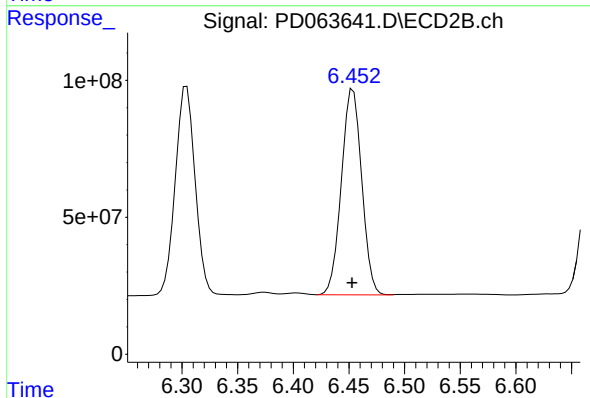




#13 Dieldrin

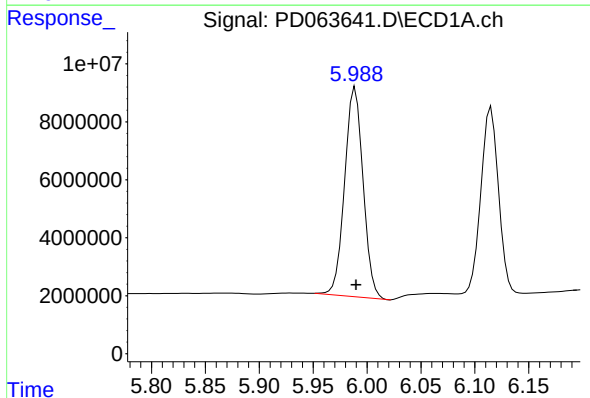
R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 92123098  
Conc: 52.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



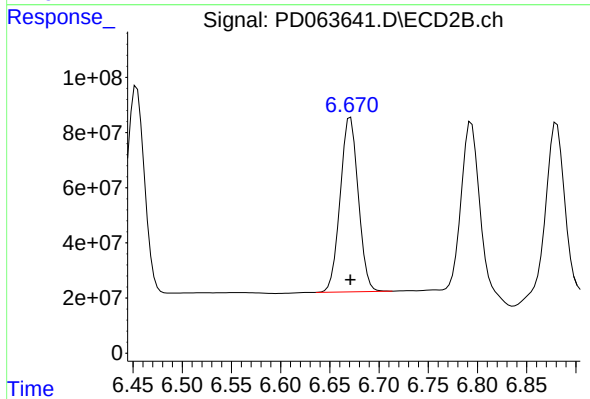
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 955465824  
Conc: 52.78 ng/ml



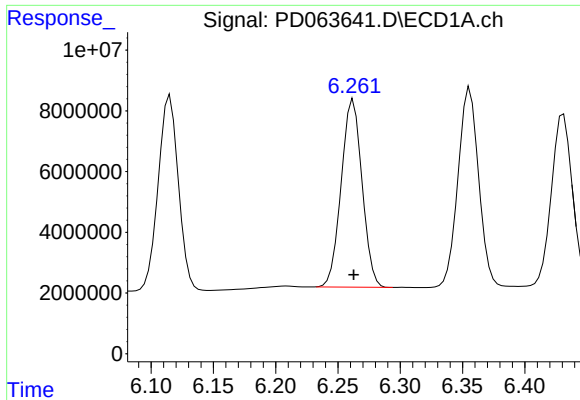
#14 Endrin

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 86191323  
Conc: 54.19 ng/ml



#14 Endrin

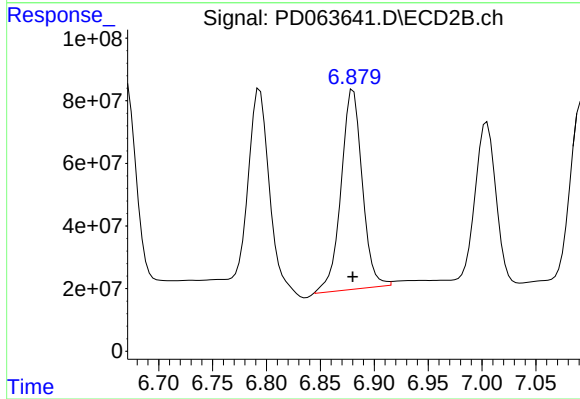
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 808402572  
Conc: 52.59 ng/ml



#15 Endosulfan II

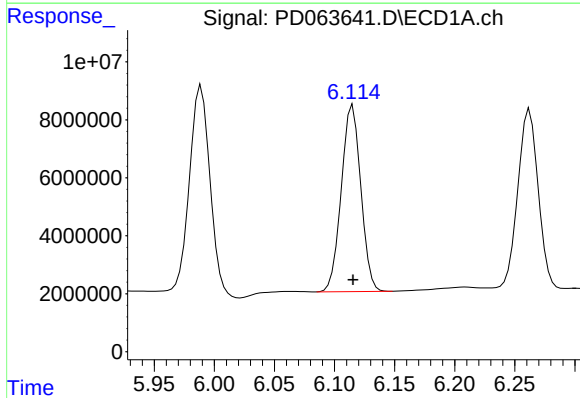
R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 72324304  
Conc: 51.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



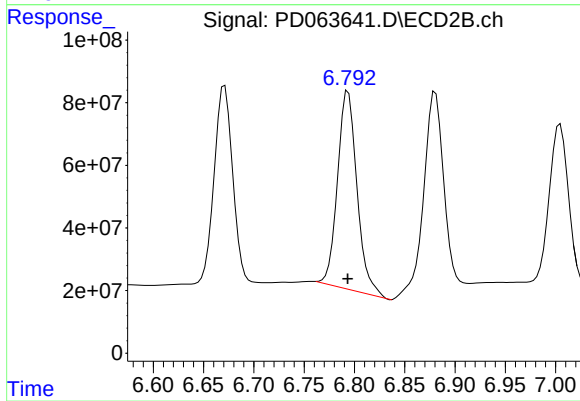
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 873185784  
Conc: 59.21 ng/ml



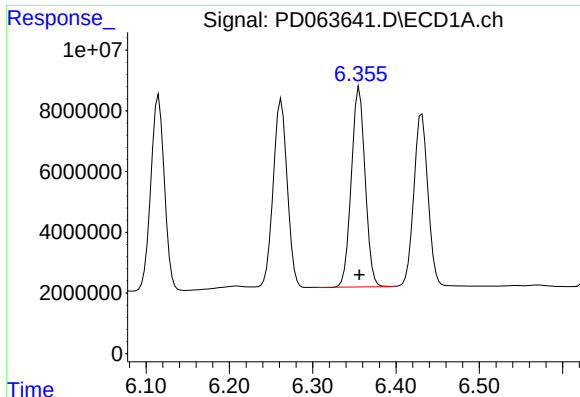
#16 4,4'-DDD

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 72920984  
Conc: 50.28 ng/ml



#16 4,4'-DDD

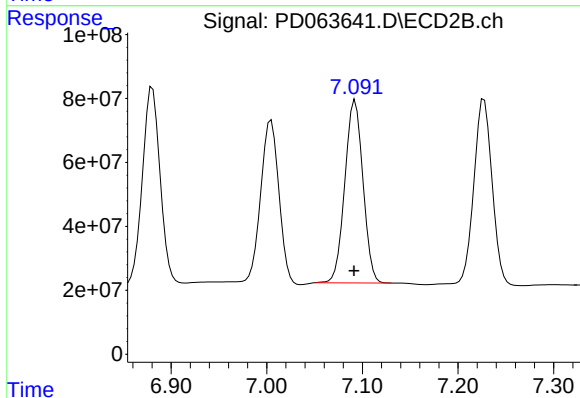
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 854945747  
Conc: 57.46 ng/ml



#17 4,4'-DDT

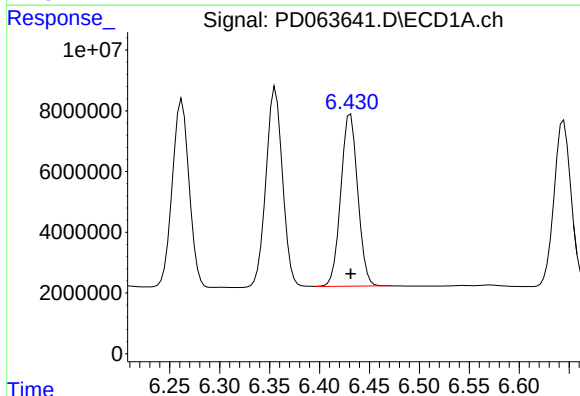
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 75480005  
Conc: 52.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



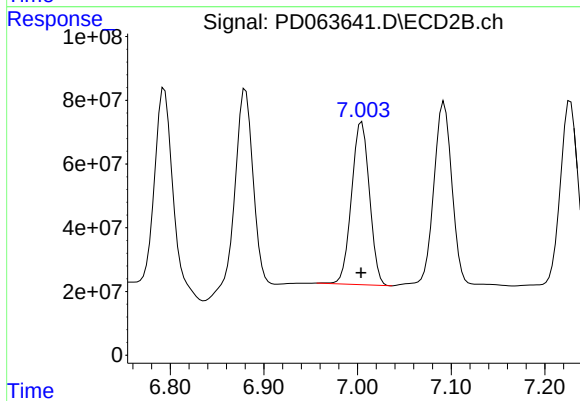
#17 4,4'-DDT

R.T.: 7.093 min  
Delta R.T.: 0.001 min  
Response: 756041908  
Conc: 50.23 ng/ml



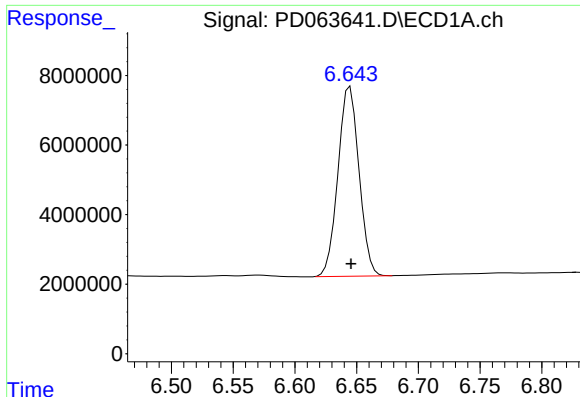
#18 Endrin aldehyde

R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 66983541  
Conc: 56.30 ng/ml



#18 Endrin aldehyde

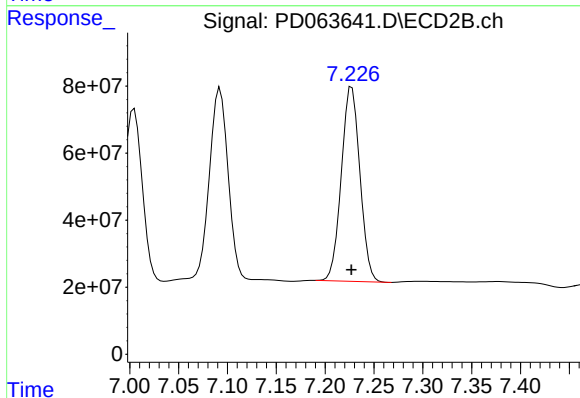
R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 680641997  
Conc: 56.18 ng/ml



#19 Endosulfan Sulfate

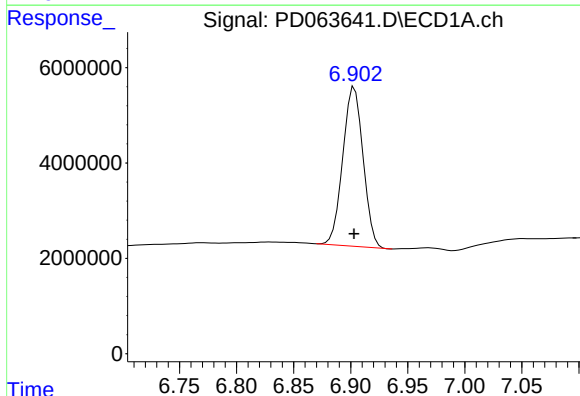
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 64702412  
Conc: 50.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



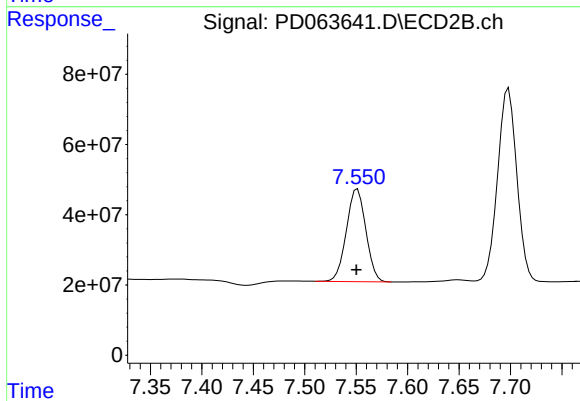
#19 Endosulfan Sulfate

R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 769623820  
Conc: 50.75 ng/ml



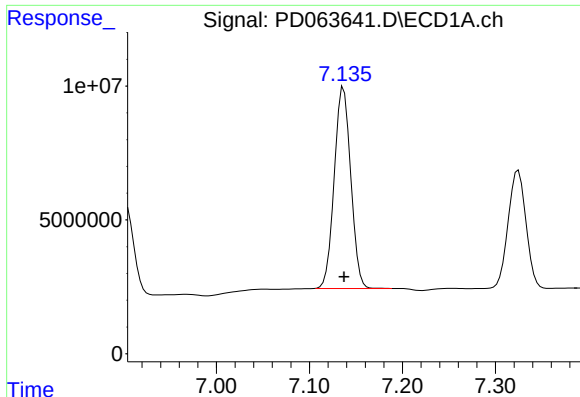
#20 Methoxychlor

R.T.: 6.903 min  
Delta R.T.: 0.000 min  
Response: 41430096  
Conc: 51.95 ng/ml



#20 Methoxychlor

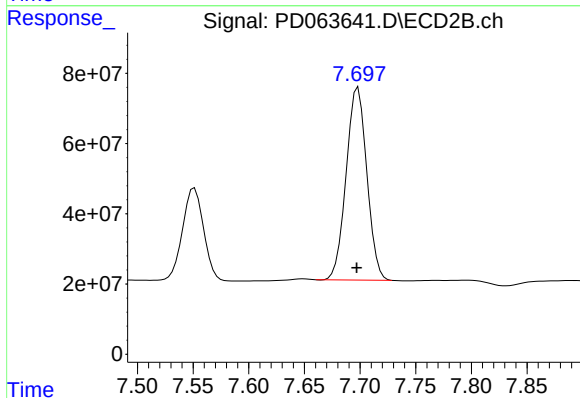
R.T.: 7.551 min  
Delta R.T.: 0.001 min  
Response: 347749483  
Conc: 46.95 ng/ml



#21 Endrin ketone

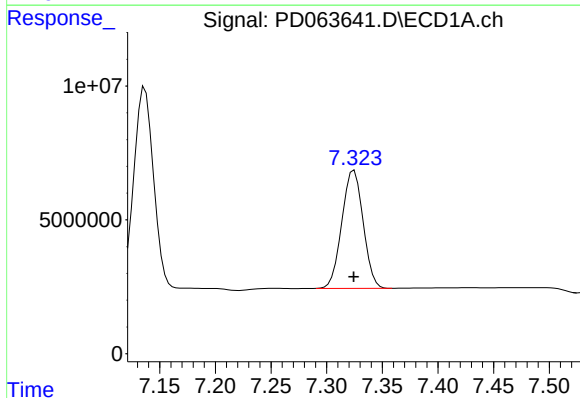
R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 92934798  
Conc: 52.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



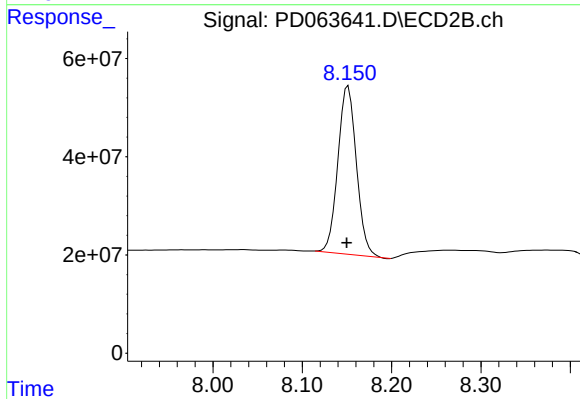
#21 Endrin ketone

R.T.: 7.698 min  
Delta R.T.: 0.001 min  
Response: 710382843  
Conc: 48.58 ng/ml



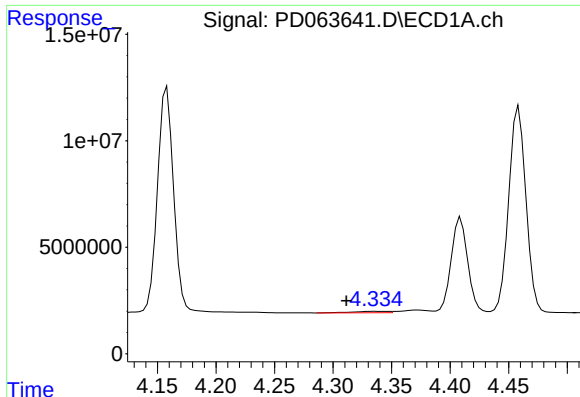
#22 Mirex

R.T.: 7.325 min  
Delta R.T.: 0.000 min  
Response: 58742787  
Conc: 51.17 ng/ml



#22 Mirex

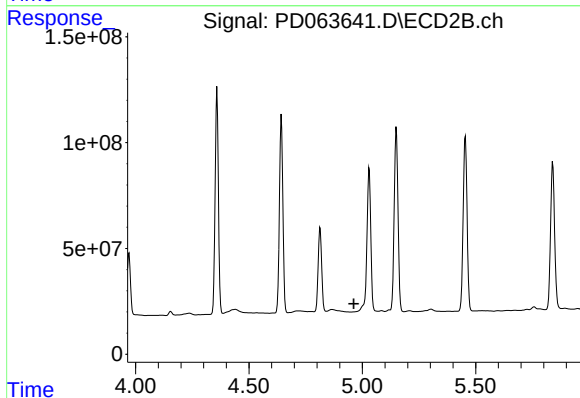
R.T.: 8.151 min  
Delta R.T.: 0.002 min  
Response: 491112948  
Conc: 49.12 ng/ml



#23 Chlordane-1

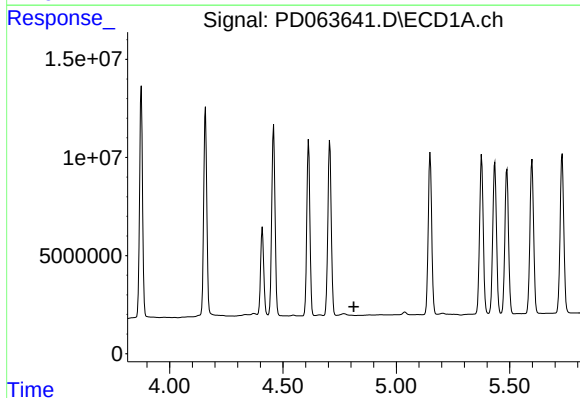
R.T.: 4.336 min  
Delta R.T.: 0.025 min  
Response: 1476618  
Conc: 30.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



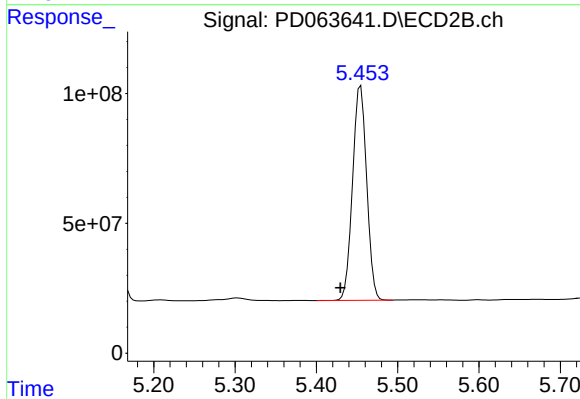
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.963 min  
Response: 0  
Conc: N.D.



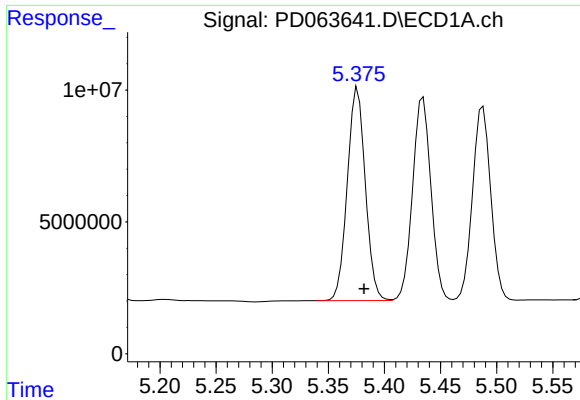
#24 Chlordane-2

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



#24 Chlordane-2

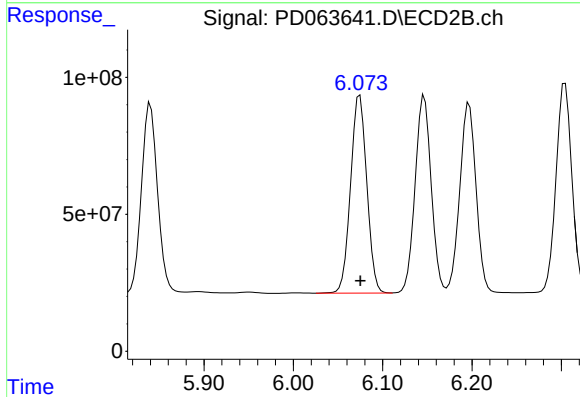
R.T.: 5.455 min  
Delta R.T.: 0.025 min  
Response: 993669266  
Conc: 1776.10 ng/ml



#25 Chlordane-3

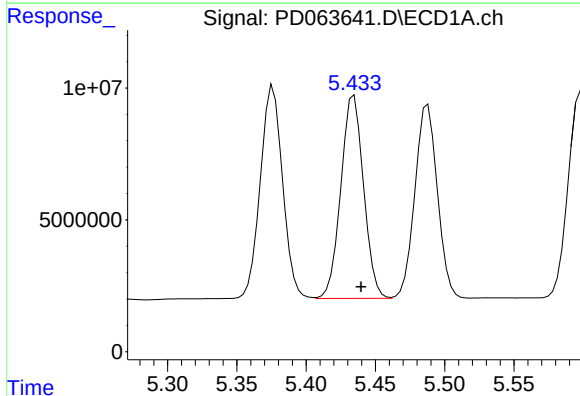
R.T.: 5.376 min  
Delta R.T.: -0.006 min  
Response: 90240263  
Conc: 530.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



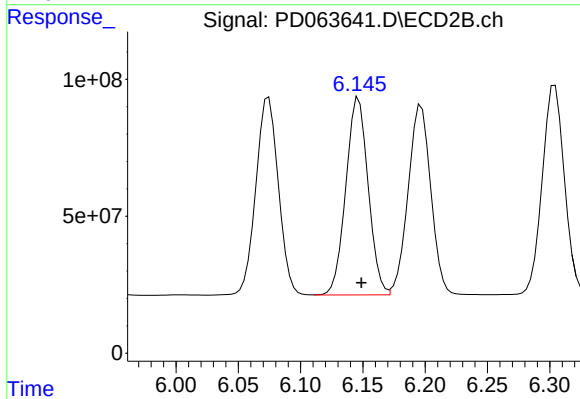
#25 Chlordane-3

R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 913152351  
Conc: 369.61 ng/ml



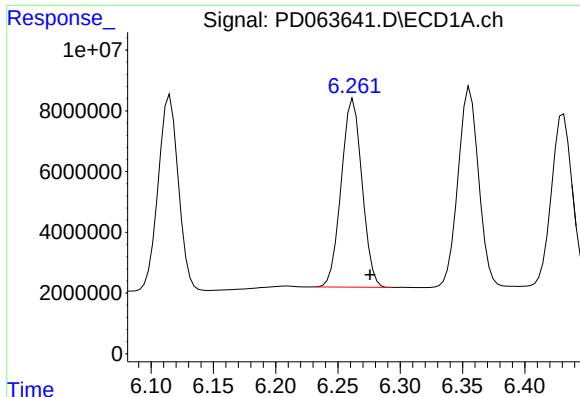
#26 Chlordane-4

R.T.: 5.435 min  
Delta R.T.: -0.005 min  
Response: 87886473  
Conc: 630.55 ng/ml



#26 Chlordane-4

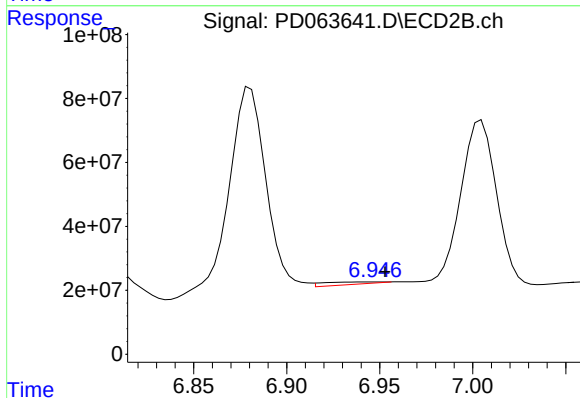
R.T.: 6.147 min  
Delta R.T.: -0.002 min  
Response: 904290853  
Conc: 316.37 ng/ml



#27 Chlordane-5

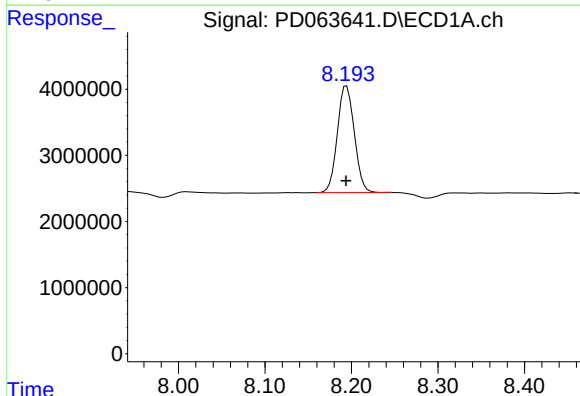
R.T.: 6.262 min  
Delta R.T.: -0.014 min  
Response: 72324304  
Conc: 1306.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



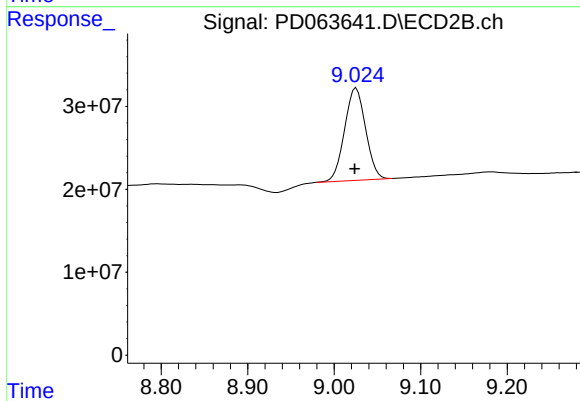
#27 Chlordane-5

R.T.: 6.947 min  
Delta R.T.: -0.006 min  
Response: 19710781  
Conc: 37.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.000 min  
Response: 21897668  
Conc: 13.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 187304774  
Conc: 13.55 ng/ml