

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
 Data File : PD063023.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2021 19:40  
 Operator : AR\AJ  
 Sample : M2383-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 KTW-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 07:20:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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  | 3.970  | 12484917 | 199.2E6  | 11.334  | 17.190 # |
| 28)                         | SA Decachlor... | 8.196  | 9.024  | 16647710 | 129.2E6  | 13.228  | 12.663   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.877  | 4.379f | 1321260  | 6915173  | 0.762   | 0.359 #  |
| 3)                          | MA gamma-BHC... | 4.164  | 4.647  | 1141574  | 10554689 | 0.702   | 0.612    |
| 4)                          | MA Heptachlor   | 0.000  | 5.157  | 0        | 1859722  | N.D.    | 0.112 #  |
| 5)                          | MB Aldrin       | 4.702  | 5.461  | 1289122  | 141.7E6  | 0.841   | 8.488 #  |
| 6)                          | B beta-BHC      | 4.398  | 4.832f | 915847   | 91281687 | N.D.    | 12.306   |
| 7)                          | B delta-BHC     | 4.613  | 5.023  | 720703   | 34923928 | 0.437   | 2.500 #  |
| 8)                          | B Heptachlo...  | 5.138  | 5.844  | 507702   | 9599610  | 0.352   | 0.628 #  |
| 9)                          | A Endosulfan I  | 5.512f | 0.000  | 7187701  | 0        | 5.297   | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.375  | 6.060  | 1967912  | 6147062  | 1.342   | 0.394 #  |
| 11)                         | B alpha-Chl...  | 5.424  | 6.161  | 1788262  | 70791300 | 1.239   | 4.777 #  |
| 12)                         | B 4,4'-DDE      | 5.628f | 6.297  | 623527   | 722670   | 0.435   | 0.048 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.480f | 0        | 26979448 | N.D.    | 1.779 #  |
| 14)                         | MA Endrin       | 0.000  | 6.665  | 0        | 12890911 | N.D.    | 1.010 #  |
| 15)                         | B Endosulfa...  | 6.257  | 6.859f | 6016828  | 12861983 | 4.836   | 1.073 #  |
| 16)                         | A 4,4'-DDD      | 6.149f | 6.800  | 3092272  | 46459434 | 2.571   | 3.829 #  |
| 17)                         | MA 4,4'-DDT     | 6.331f | 7.107f | 1042505  | 16939204 | 0.912   | 1.502 #  |
| 18)                         | B Endrin al...  | 6.422  | 6.987f | 2471366  | 32932134 | 2.325   | 3.234 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.535  | 0        | 3438591  | N.D.    | 0.599 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.681f | 0        | 4071528  | N.D.    | 0.339 #  |
| 22)                         | Mirex           | 0.000  | 8.134f | 0        | 5885555  | N.D.    | 0.774 #  |
| 23)                         | Chlordane-1     | 4.310  | 4.971  | 2519183  | 49960434 | 68.931  | 74.649   |
| 24)                         | Chlordane-2     | 0.000  | 5.416  | 0        | 1630188  | N.D.    | 3.345 #  |
| 25)                         | Chlordane-3     | 5.375  | 6.060  | 1967912  | 6147062  | 13.701  | 2.998 #  |
| 26)                         | Chlordane-4     | 5.424f | 6.161  | 1788262  | 70791300 | 15.156  | 30.095 # |
| 27)                         | Chlordane-5     | 6.257f | 0.000  | 6016828  | 0        | 131.003 | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

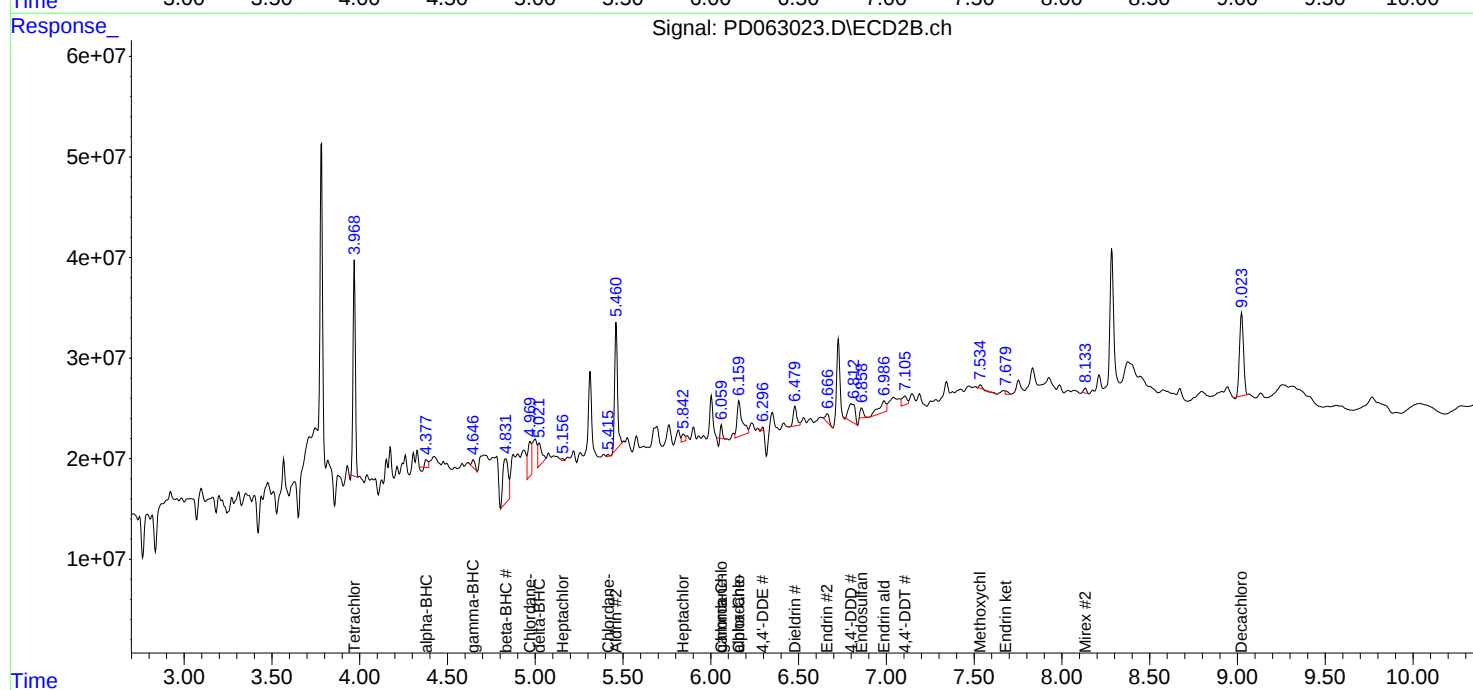
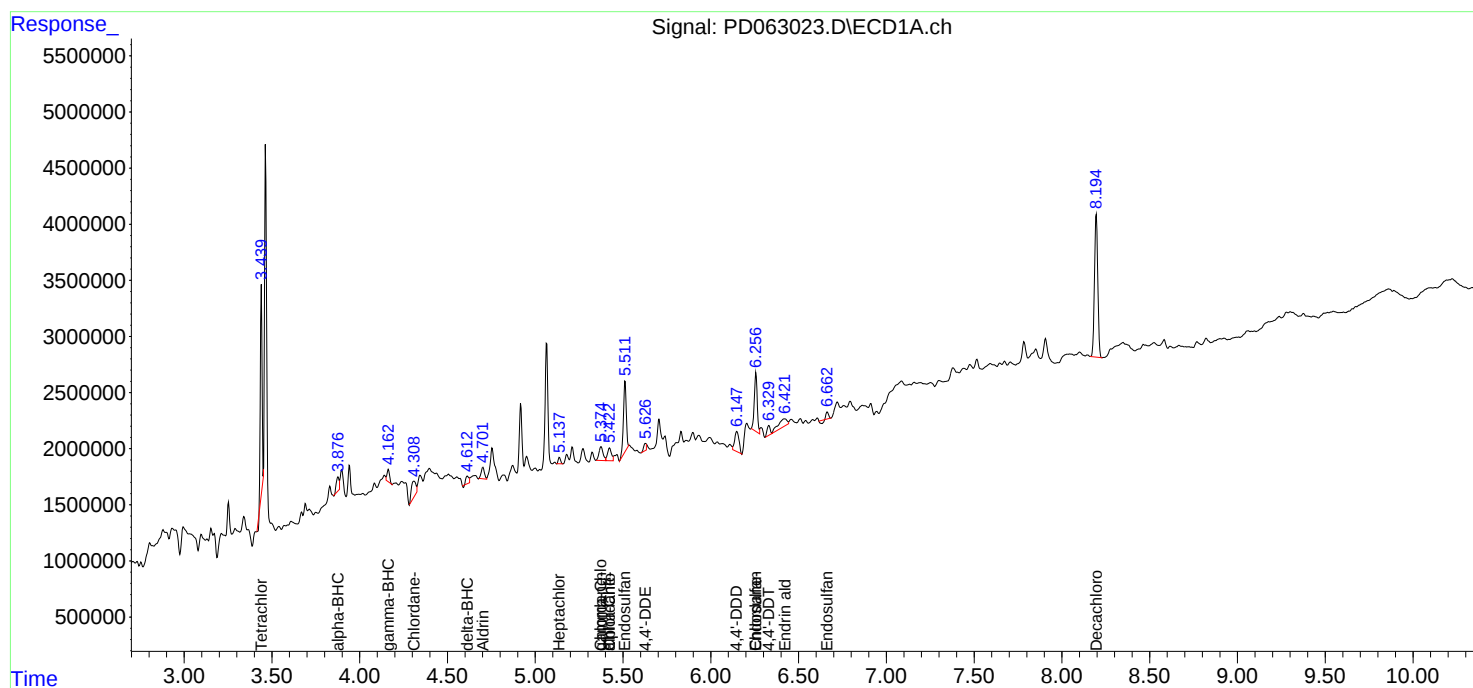
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

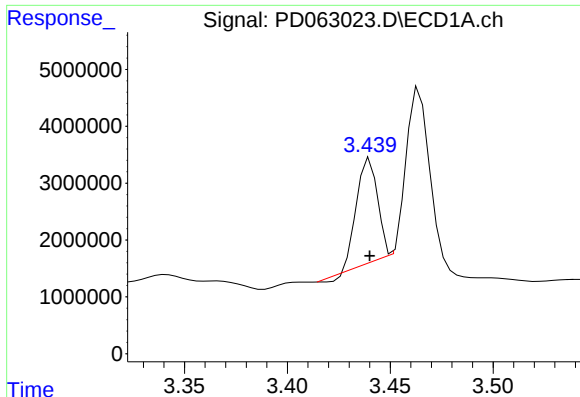
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051721\  
Data File : PD063023.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2021 19:40  
Operator : AR\AJ  
Sample : M2383-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
KTW-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 07:20:43 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 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

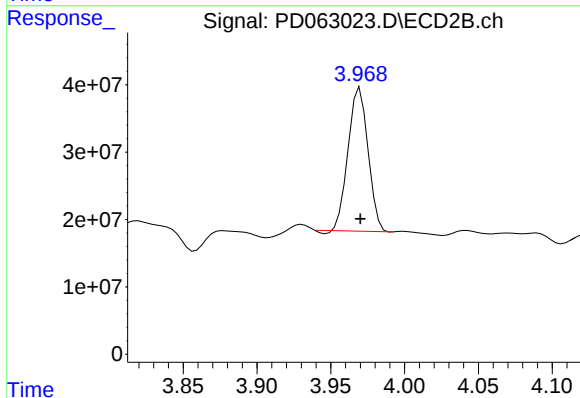




#1 Tetrachloro-m-xylene

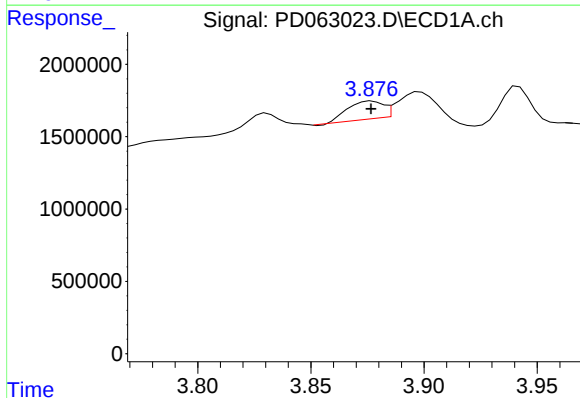
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 12484917  
Conc: 11.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



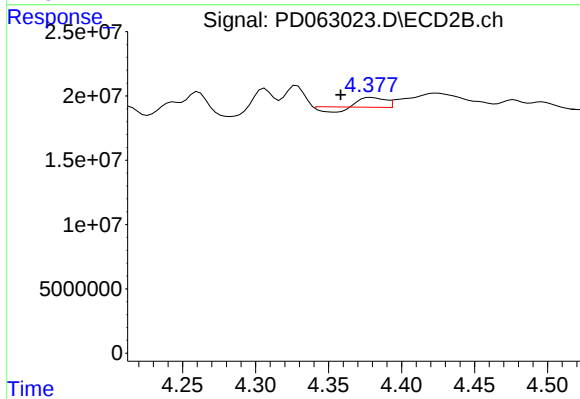
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 199197929  
Conc: 17.19 ng/ml



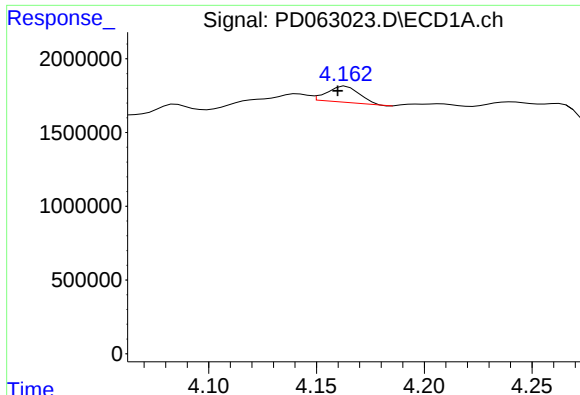
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 1321260  
Conc: 0.76 ng/ml



#2 alpha-BHC

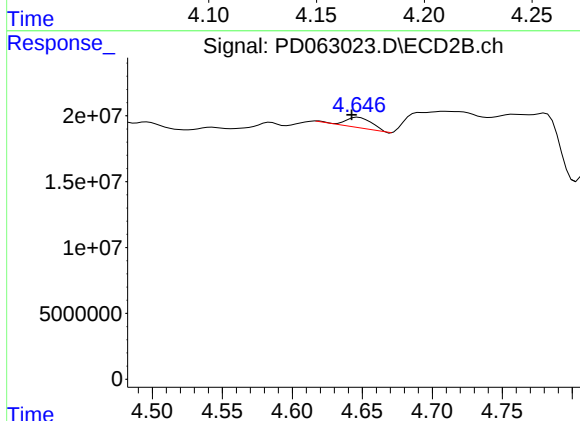
R.T.: 4.379 min  
Delta R.T.: 0.021 min  
Response: 6915173  
Conc: 0.36 ng/ml



#3 gamma-BHC (Lindane)

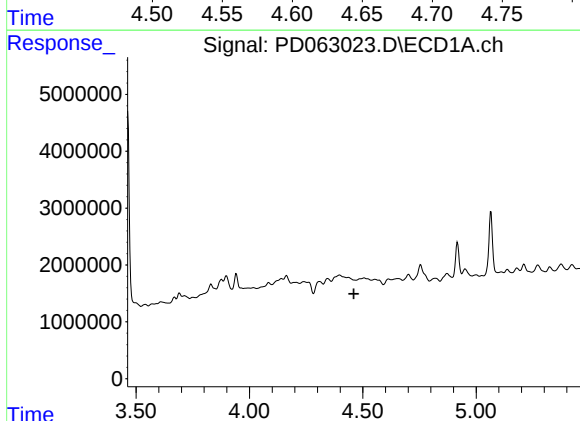
R.T.: 4.164 min  
Delta R.T.: 0.004 min  
Response: 1141574  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



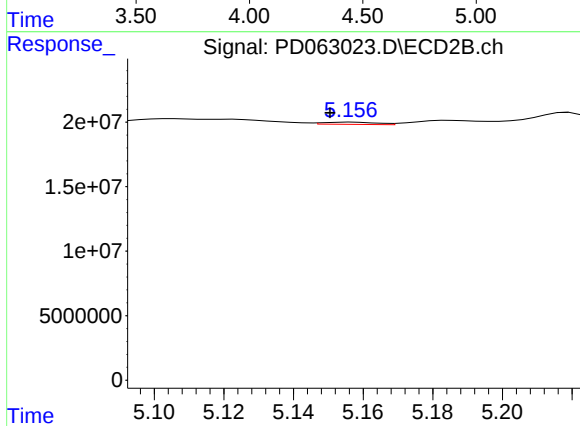
#3 gamma-BHC (Lindane)

R.T.: 4.647 min  
Delta R.T.: 0.005 min  
Response: 10554689  
Conc: 0.61 ng/ml



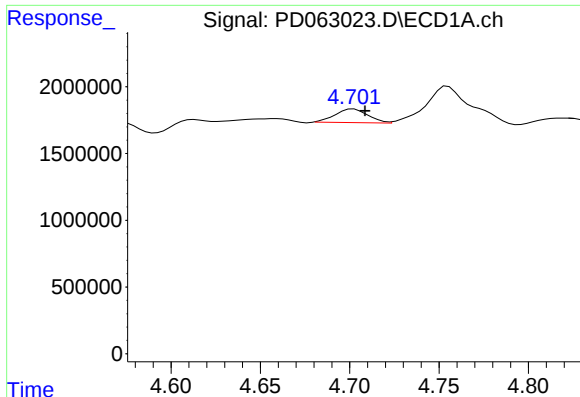
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.461 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

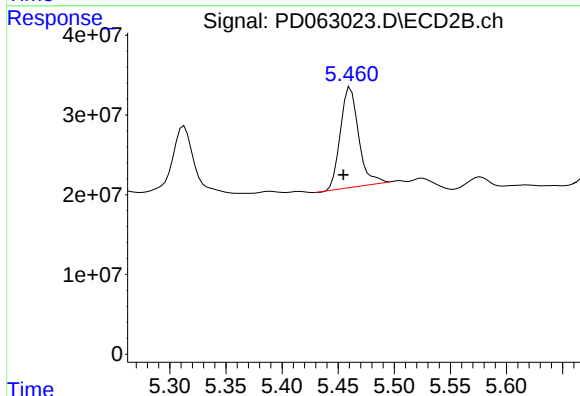
R.T.: 5.157 min  
Delta R.T.: 0.006 min  
Response: 1859722  
Conc: 0.11 ng/ml



#5 Aldrin

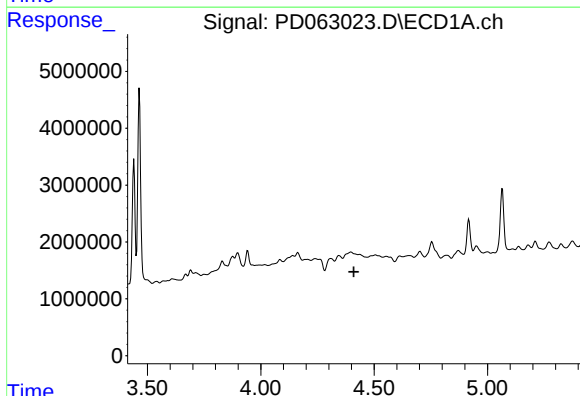
R.T.: 4.702 min  
Delta R.T.: -0.006 min  
Response: 1289122  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



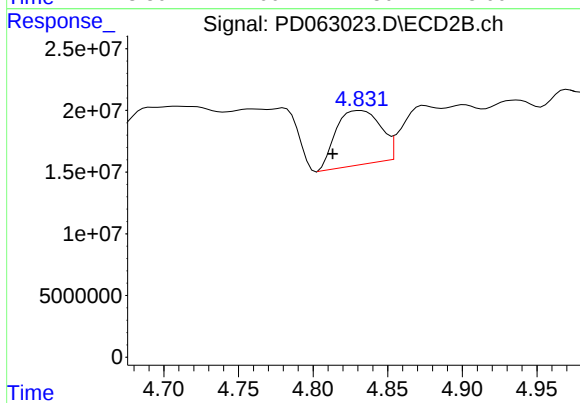
#5 Aldrin

R.T.: 5.461 min  
Delta R.T.: 0.006 min  
Response: 141686990  
Conc: 8.49 ng/ml



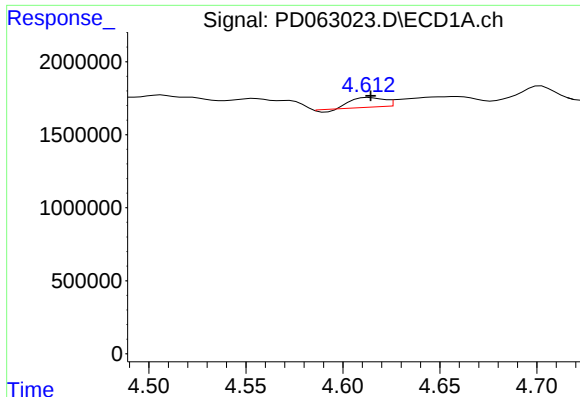
#6 beta-BHC

R.T.: 4.398 min  
Delta R.T.: -0.013 min  
Response: 915847  
Conc: N.D.



#6 beta-BHC

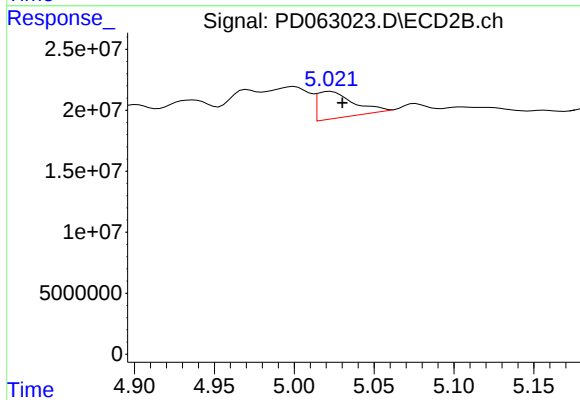
R.T.: 4.832 min  
Delta R.T.: 0.019 min  
Response: 91281687  
Conc: 12.31 ng/ml



#7 delta-BHC

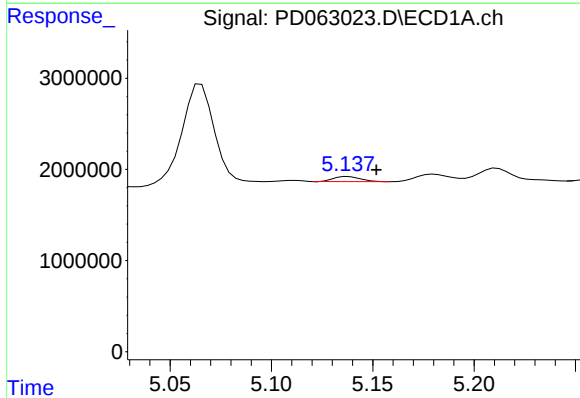
R.T.: 4.613 min  
Delta R.T.: -0.001 min  
Response: 720703  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



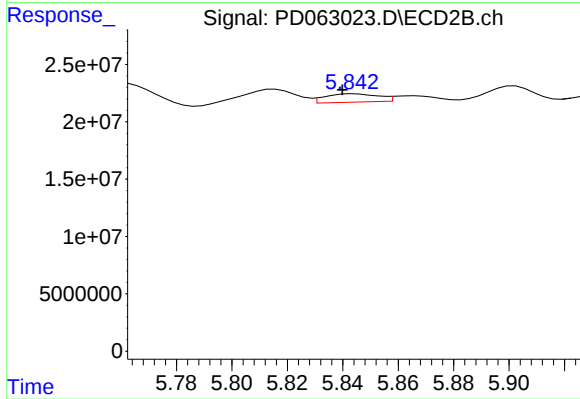
#7 delta-BHC

R.T.: 5.023 min  
Delta R.T.: -0.007 min  
Response: 34923928  
Conc: 2.50 ng/ml



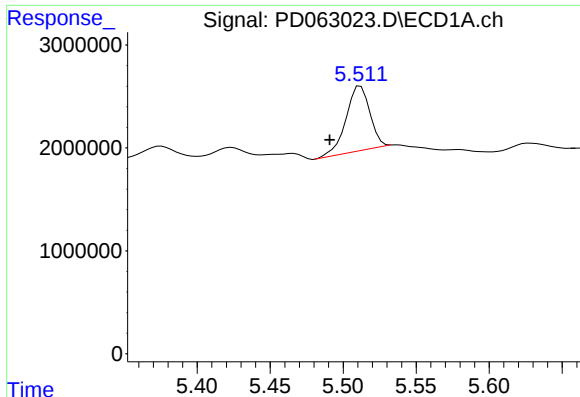
#8 Heptachlor epoxide

R.T.: 5.138 min  
Delta R.T.: -0.014 min  
Response: 507702  
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

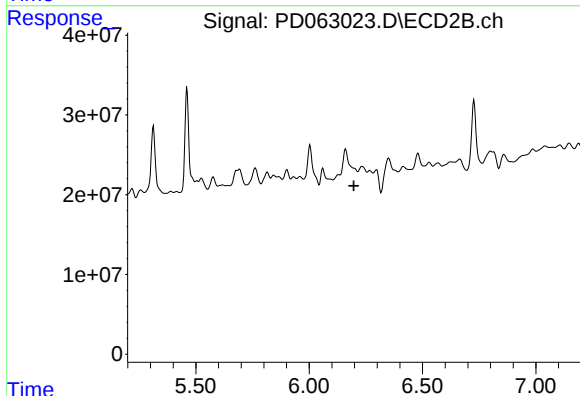
R.T.: 5.844 min  
Delta R.T.: 0.004 min  
Response: 9599610  
Conc: 0.63 ng/ml



#9 Endosulfan I

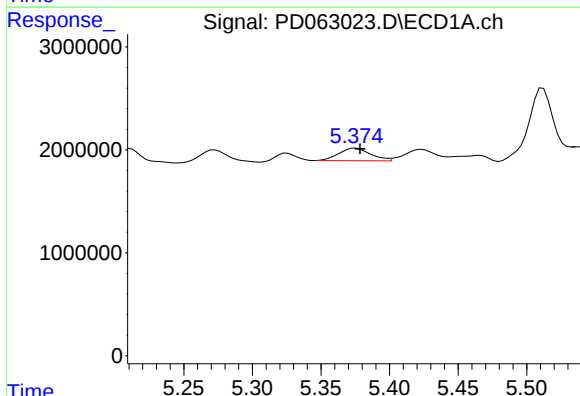
R.T.: 5.512 min  
Delta R.T.: 0.021 min  
Response: 7187701  
Conc: 5.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



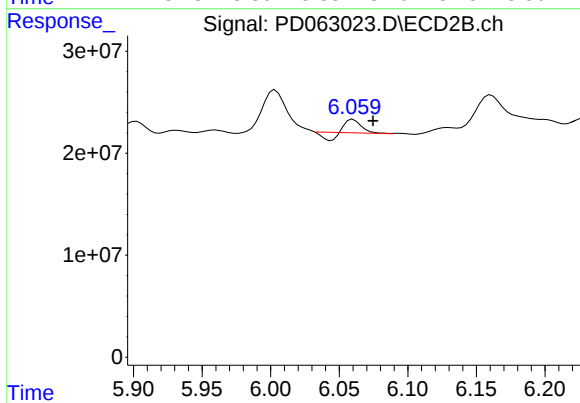
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.196 min  
Response: 0  
Conc: N.D.



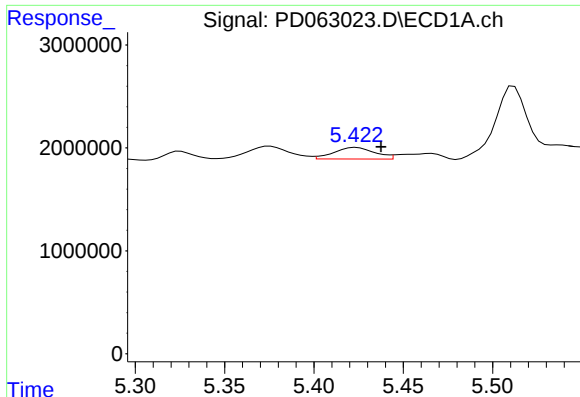
#10 gamma-Chlordane

R.T.: 5.375 min  
Delta R.T.: -0.003 min  
Response: 1967912  
Conc: 1.34 ng/ml



#10 gamma-Chlordane

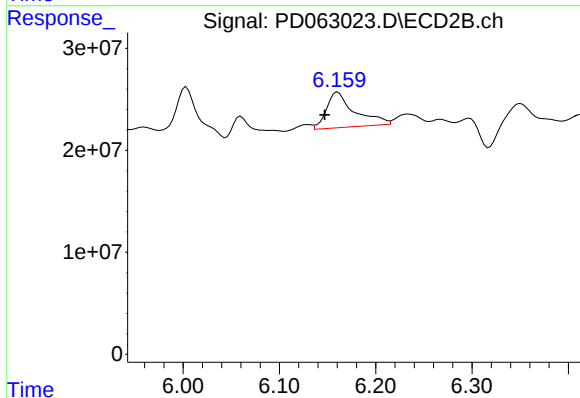
R.T.: 6.060 min  
Delta R.T.: -0.014 min  
Response: 6147062  
Conc: 0.39 ng/ml



#11 alpha-Chlordane

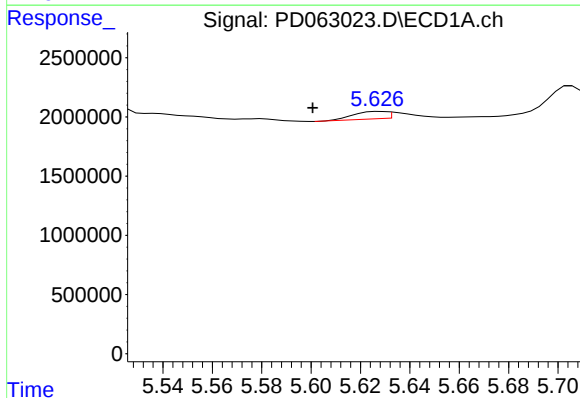
R.T.: 5.424 min  
Delta R.T.: -0.014 min  
Response: 1788262  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



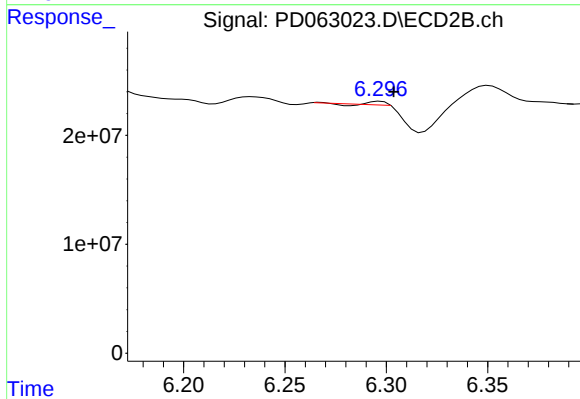
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: 0.014 min  
Response: 70791300  
Conc: 4.78 ng/ml



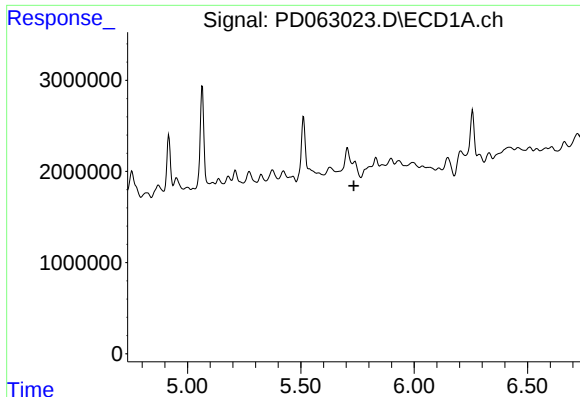
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.027 min  
Response: 623527  
Conc: 0.43 ng/ml



#12 4,4'-DDE

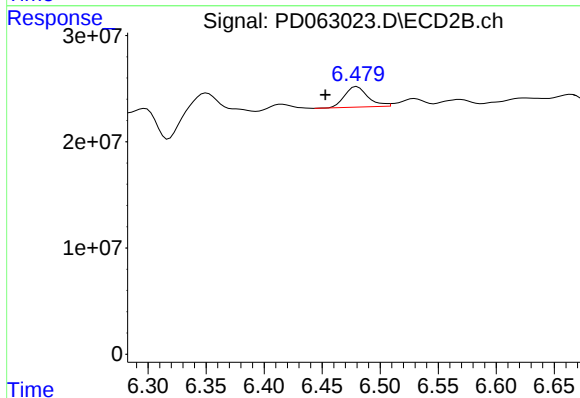
R.T.: 6.297 min  
Delta R.T.: -0.006 min  
Response: 722670  
Conc: 0.05 ng/ml



#13 Dieldrin

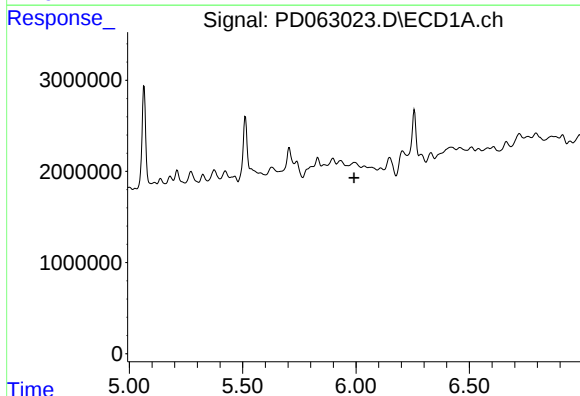
R.T.: 0.000 min  
Exp R.T.: 5.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



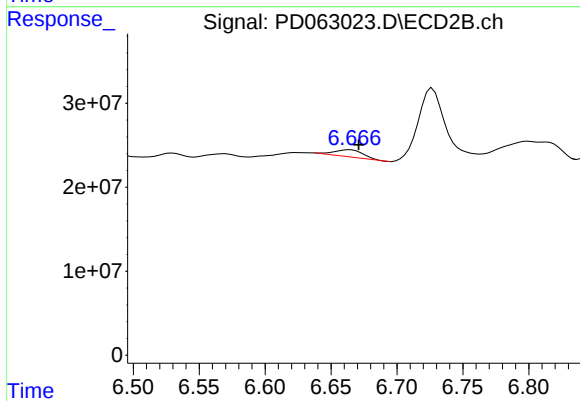
#13 Dieldrin

R.T.: 6.480 min  
Delta R.T.: 0.027 min  
Response: 26979448  
Conc: 1.78 ng/ml



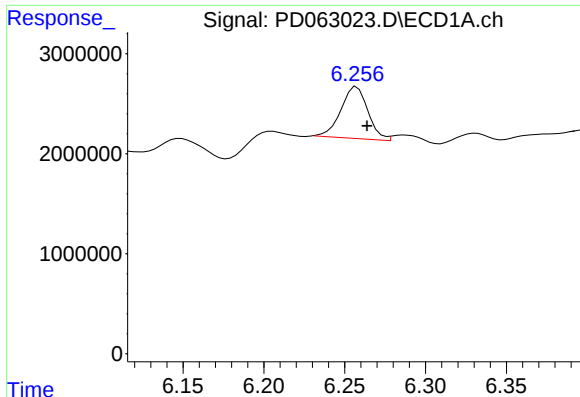
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 5.991 min  
Response: 0  
Conc: N.D.



#14 Endrin

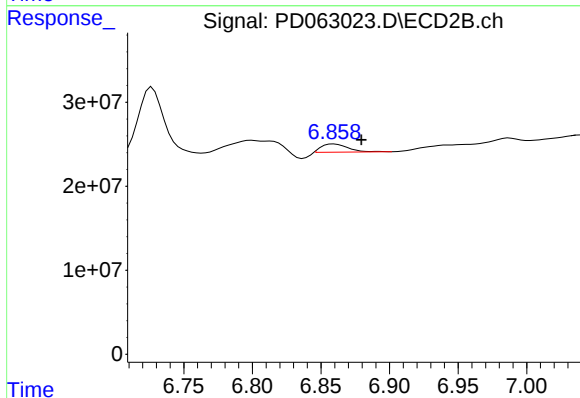
R.T.: 6.665 min  
Delta R.T.: -0.006 min  
Response: 12890911  
Conc: 1.01 ng/ml



#15 Endosulfan II

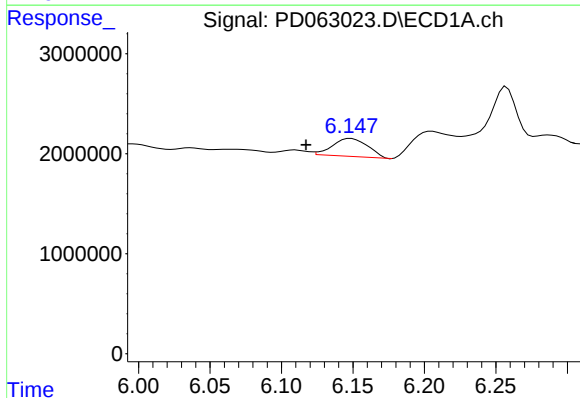
R.T.: 6.257 min  
Delta R.T.: -0.006 min  
Response: 6016828  
Conc: 4.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



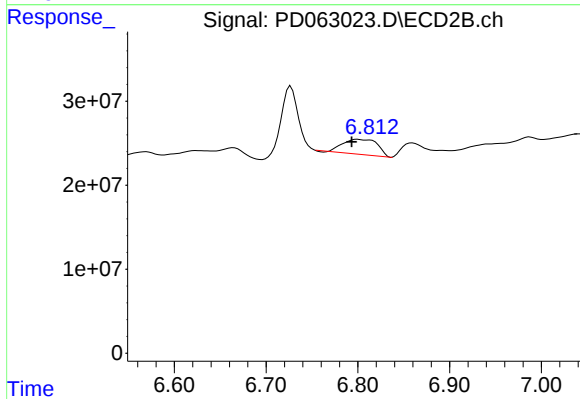
#15 Endosulfan II

R.T.: 6.859 min  
Delta R.T.: -0.020 min  
Response: 12861983  
Conc: 1.07 ng/ml



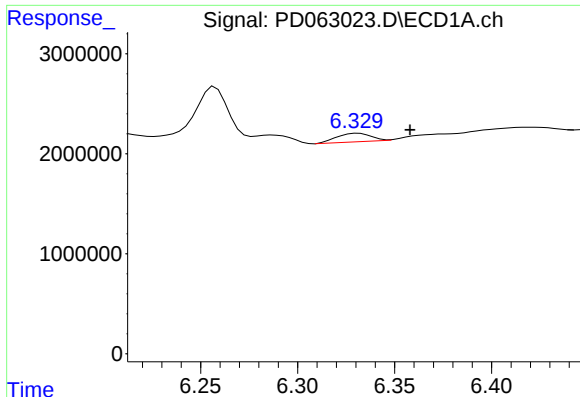
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: 0.031 min  
Response: 3092272  
Conc: 2.57 ng/ml



#16 4,4'-DDD

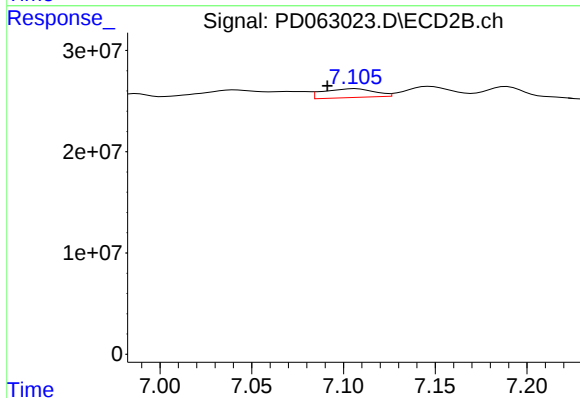
R.T.: 6.800 min  
Delta R.T.: 0.006 min  
Response: 46459434  
Conc: 3.83 ng/ml



#17 4,4'-DDT

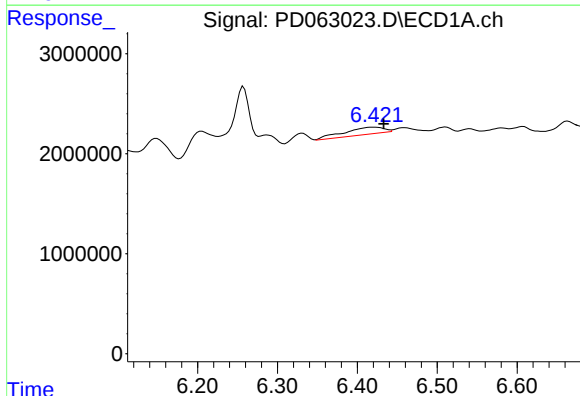
R.T.: 6.331 min  
Delta R.T.: -0.027 min  
Response: 1042505  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



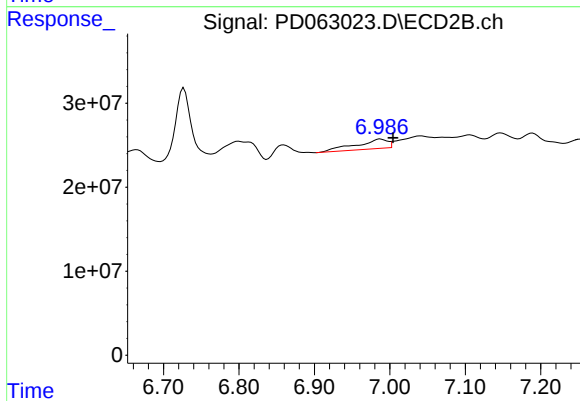
#17 4,4'-DDT

R.T.: 7.107 min  
Delta R.T.: 0.015 min  
Response: 16939204  
Conc: 1.50 ng/ml



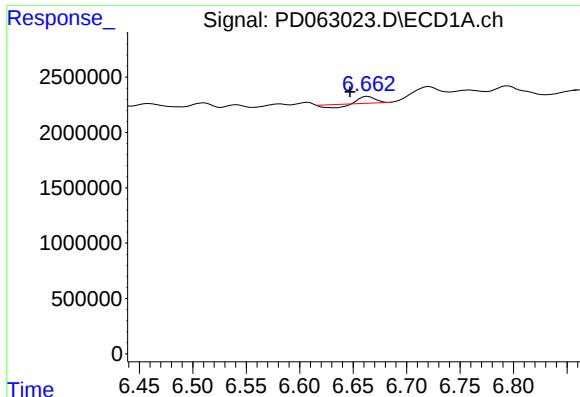
#18 Endrin aldehyde

R.T.: 6.422 min  
Delta R.T.: -0.011 min  
Response: 2471366  
Conc: 2.32 ng/ml



#18 Endrin aldehyde

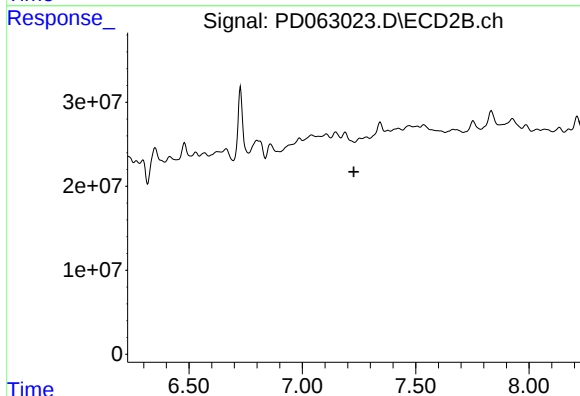
R.T.: 6.987 min  
Delta R.T.: -0.017 min  
Response: 32932134  
Conc: 3.23 ng/ml



#19 Endosulfan Sulfate

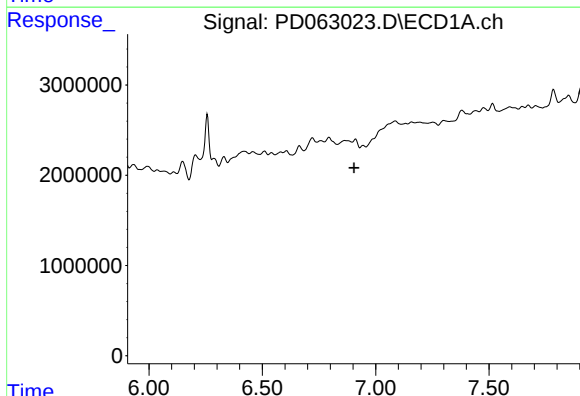
R.T.: 6.664 min  
Delta R.T.: 0.016 min  
Response: 354686  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



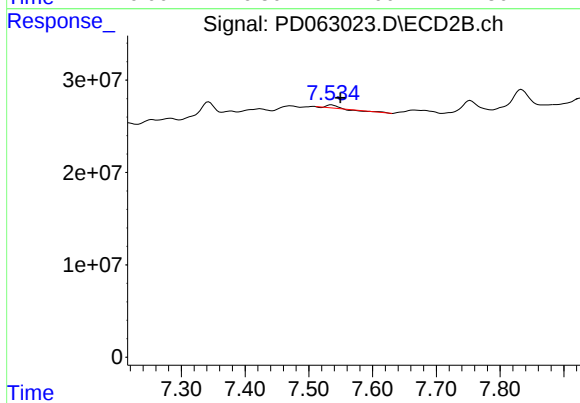
#19 Endosulfan Sulfate

R.T.: 7.254 min  
Delta R.T.: 0.027 min  
Response: -4178925  
Conc: N.D.



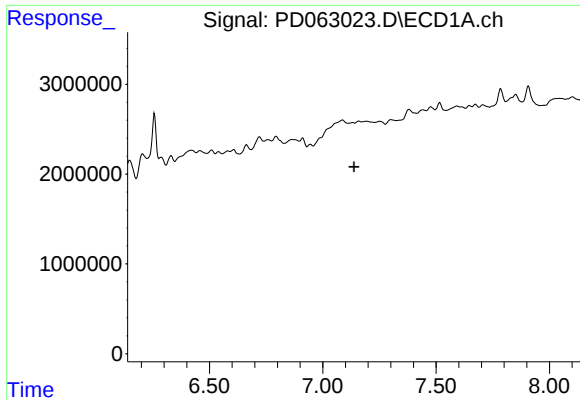
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.905 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

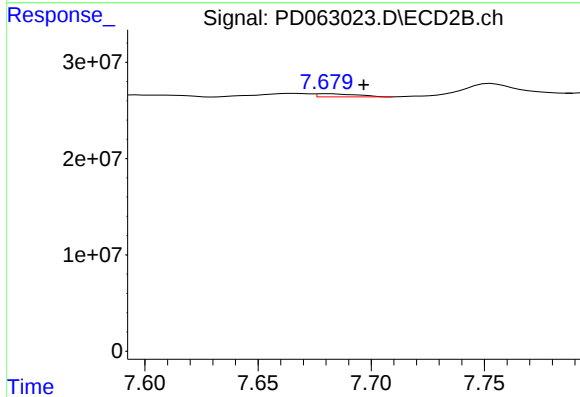
R.T.: 7.535 min  
Delta R.T.: -0.015 min  
Response: 3438591  
Conc: 0.60 ng/ml



#21 Endrin ketone

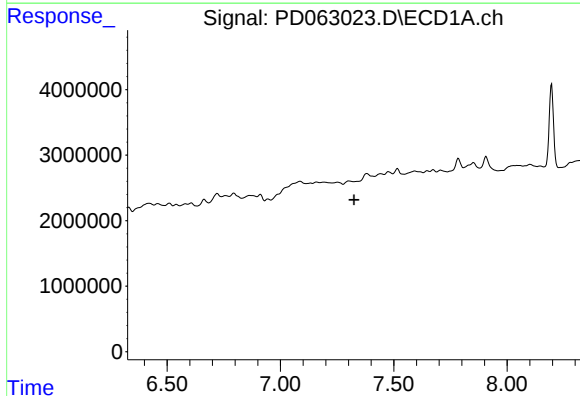
R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



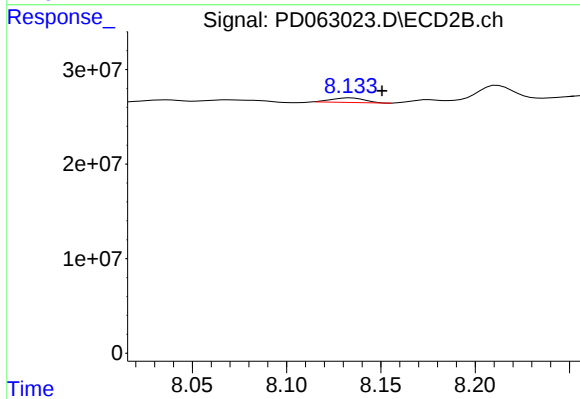
#21 Endrin ketone

R.T.: 7.681 min  
Delta R.T.: -0.015 min  
Response: 4071528  
Conc: 0.34 ng/ml



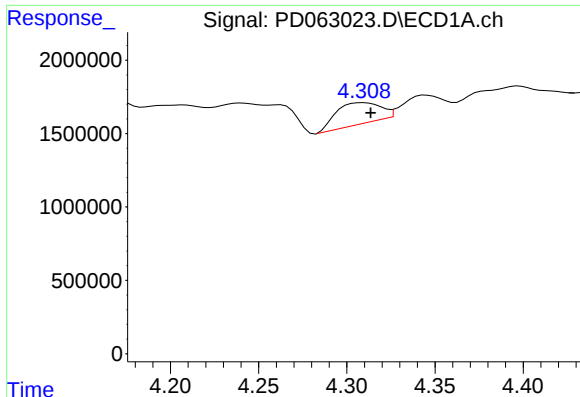
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.325 min  
Response: 0  
Conc: N.D.



#22 Mirex

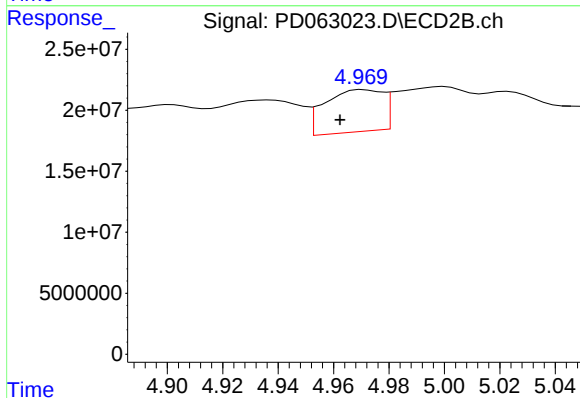
R.T.: 8.134 min  
Delta R.T.: -0.017 min  
Response: 5885555  
Conc: 0.77 ng/ml



#23 Chlordane-1

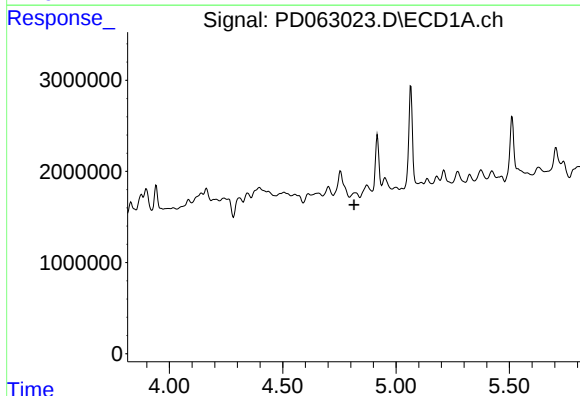
R.T.: 4.310 min  
Delta R.T.: -0.004 min  
Response: 2519183  
Conc: 68.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



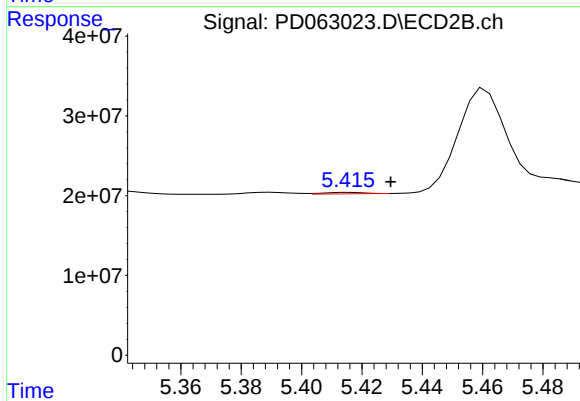
#23 Chlordane-1

R.T.: 4.971 min  
Delta R.T.: 0.008 min  
Response: 49960434  
Conc: 74.65 ng/ml



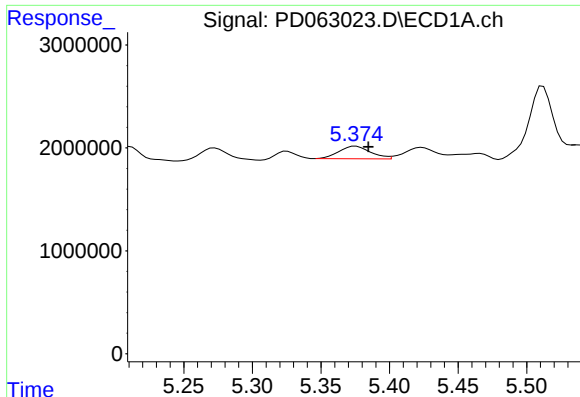
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

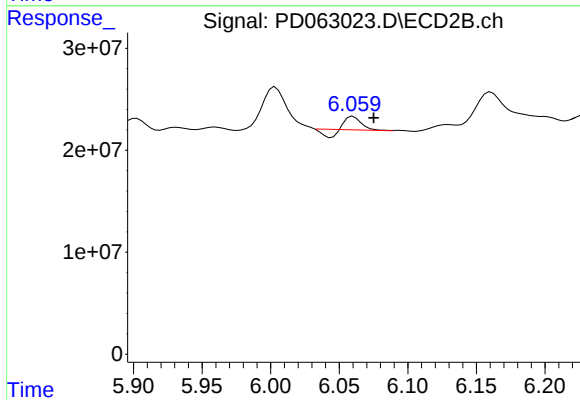
R.T.: 5.416 min  
Delta R.T.: -0.014 min  
Response: 1630188  
Conc: 3.34 ng/ml



#25 Chlordane-3

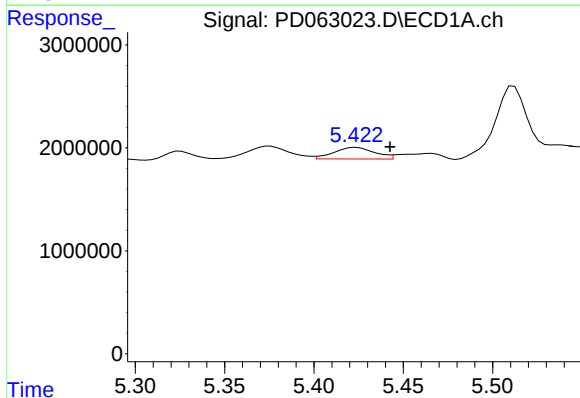
R.T.: 5.375 min  
Delta R.T.: -0.009 min  
Response: 1967912  
Conc: 13.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



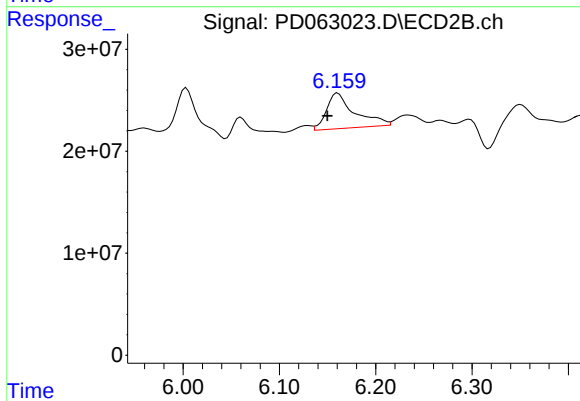
#25 Chlordane-3

R.T.: 6.060 min  
Delta R.T.: -0.015 min  
Response: 6147062  
Conc: 3.00 ng/ml



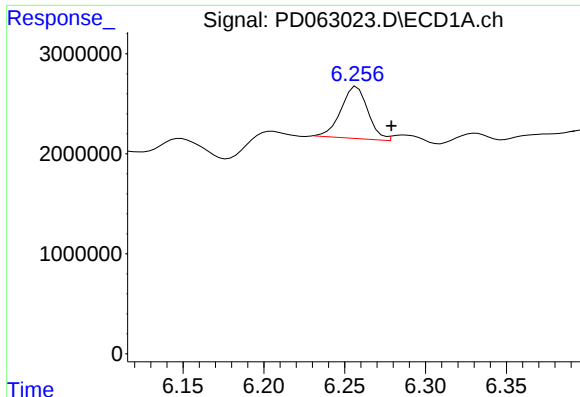
#26 Chlordane-4

R.T.: 5.424 min  
Delta R.T.: -0.019 min  
Response: 1788262  
Conc: 15.16 ng/ml



#26 Chlordane-4

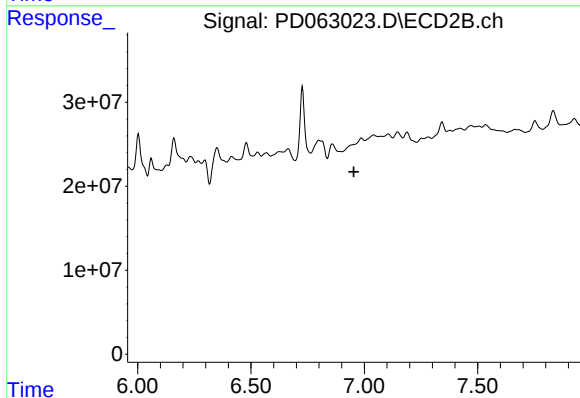
R.T.: 6.161 min  
Delta R.T.: 0.011 min  
Response: 70791300  
Conc: 30.09 ng/ml



#27 Chlordane-5

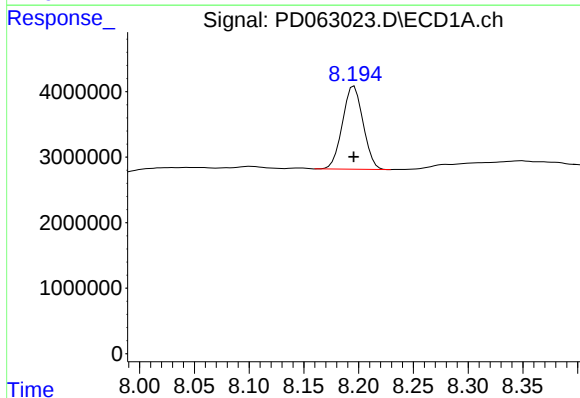
R.T.: 6.257 min  
Delta R.T.: -0.021 min  
Response: 6016828  
Conc: 131.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
KTW-01



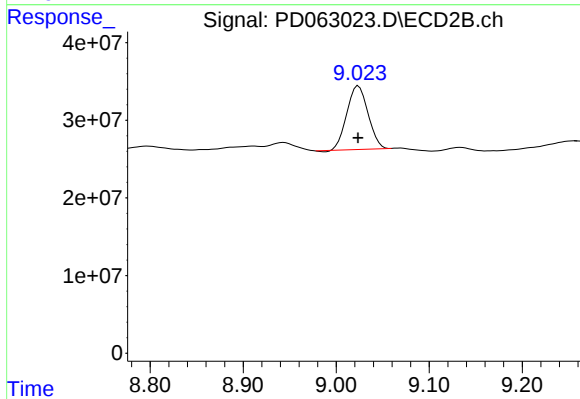
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.953 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: 0.000 min  
Response: 16647710  
Conc: 13.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.000 min  
Response: 129188656  
Conc: 12.66 ng/ml