

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052721\  
 Data File : PD063318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2021 17:46  
 Operator : AR\AJ  
 Sample : M2546-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 17:59:55 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  | 14286030 | 159.2E6  | 12.969 | 13.737   |
| 2)                          | SA Decachlor... | 8.196  | 9.027  | 18908923 | 165.5E6  | 15.024 | 16.223   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.639  | 0        | 1392523  | N.D.   | 0.081 #  |
| 4)                          | MA Heptachlor   | 4.467  | 5.150  | 1558363  | 3697447  | 0.991  | 0.223 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.473f | 0        | 43034994 | N.D.   | 2.578 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.785f | 0        | 10839402 | N.D.   | 1.461 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.028  | 0        | 11804902 | N.D.   | 0.845 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.856f | 0        | 22348105 | N.D.   | 1.461 #  |
| 9)                          | A Endosulfan I  | 5.518f | 6.194  | 543298   | 11731110 | 0.400  | 0.826 #  |
| 10)                         | B gamma-Chl...  | 5.399f | 6.077  | 1050342  | 39327341 | 0.716  | 2.523 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.149  | 0        | 47206140 | N.D.   | 3.185 #  |
| 12)                         | B 4,4'-DDE      | 5.600  | 6.302  | 1320304  | 37731546 | 0.920  | 2.500 #  |
| 13)                         | MA Dieldrin     | 5.726  | 6.446  | 2175253  | 12219766 | 1.470  | 0.806 #  |
| 14)                         | MA Endrin       | 0.000  | 6.664  | 0        | 7828308  | N.D.   | 0.614 #  |
| 15)                         | B Endosulfa...  | 0.000  | 6.867  | 0        | 2087427  | N.D.   | 0.174 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.800  | 0        | 18878428 | N.D.   | 1.556 #  |
| 17)                         | MA 4,4'-DDT     | 6.355  | 7.066f | 900659   | 15943238 | 0.788  | 1.414 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.005  | 0        | 4280948  | N.D.   | 0.420 #  |
| 20)                         | A Methoxychlor  | 6.888f | 7.546  | 1430563  | 5773316  | 2.132  | 1.006 #  |
| 22)                         | Mirex           | 0.000  | 8.140  | 0        | 4069891  | N.D.   | 0.535 #  |
| 23)                         | Chlordane-1     | 4.332f | 4.962  | 2220175  | 10219474 | 47.682 | 17.618 # |
| 24)                         | Chlordane-2     | 4.789f | 0.000  | 1052547  | 0        | 18.514 | N.D. #   |
| 25)                         | Chlordane-3     | 5.399f | 6.077  | 1050342  | 39327341 | 6.371  | 16.652 # |
| 26)                         | Chlordane-4     | 0.000  | 6.149  | 0        | 47206140 | N.D.   | 17.456 # |
| 27)                         | Chlordane-5     | 0.000  | 6.952  | 0        | 2781163  | N.D.   | 6.222 #  |
| -----                       |                 |        |        |          |          |        |          |

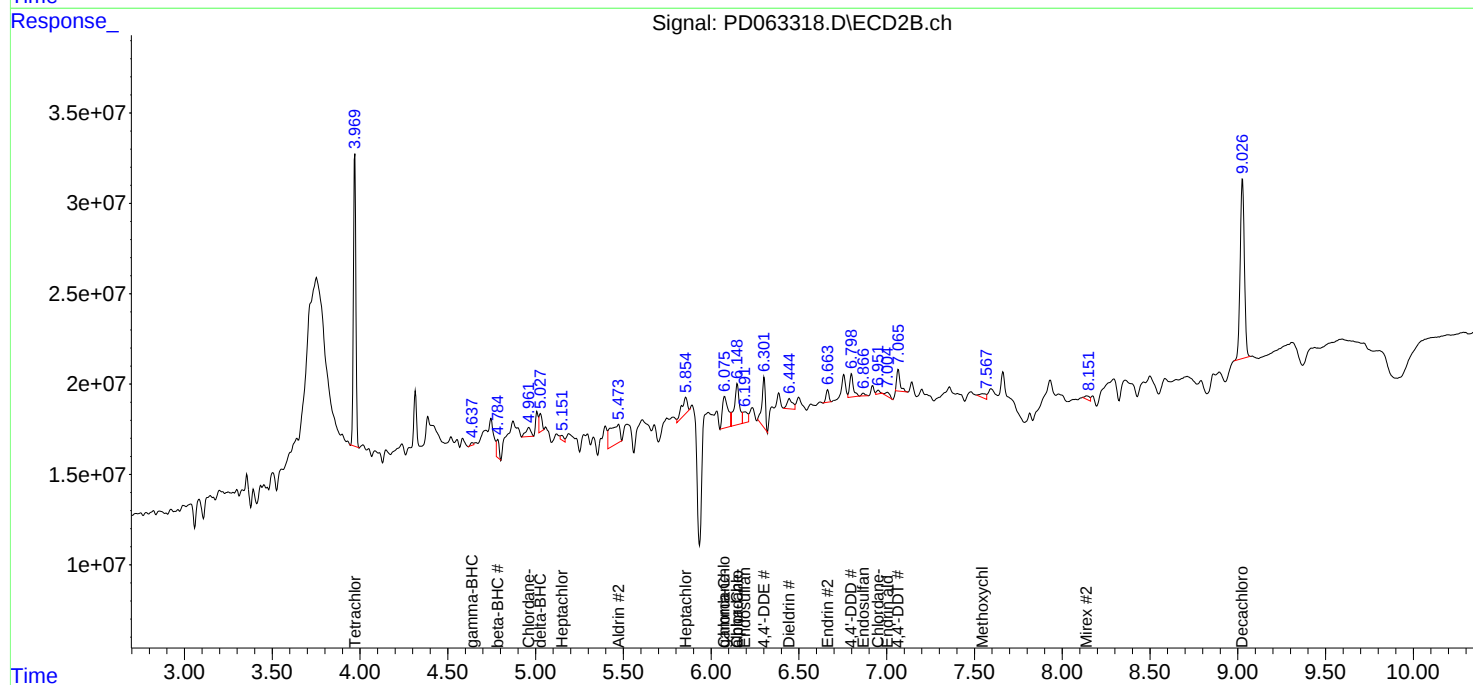
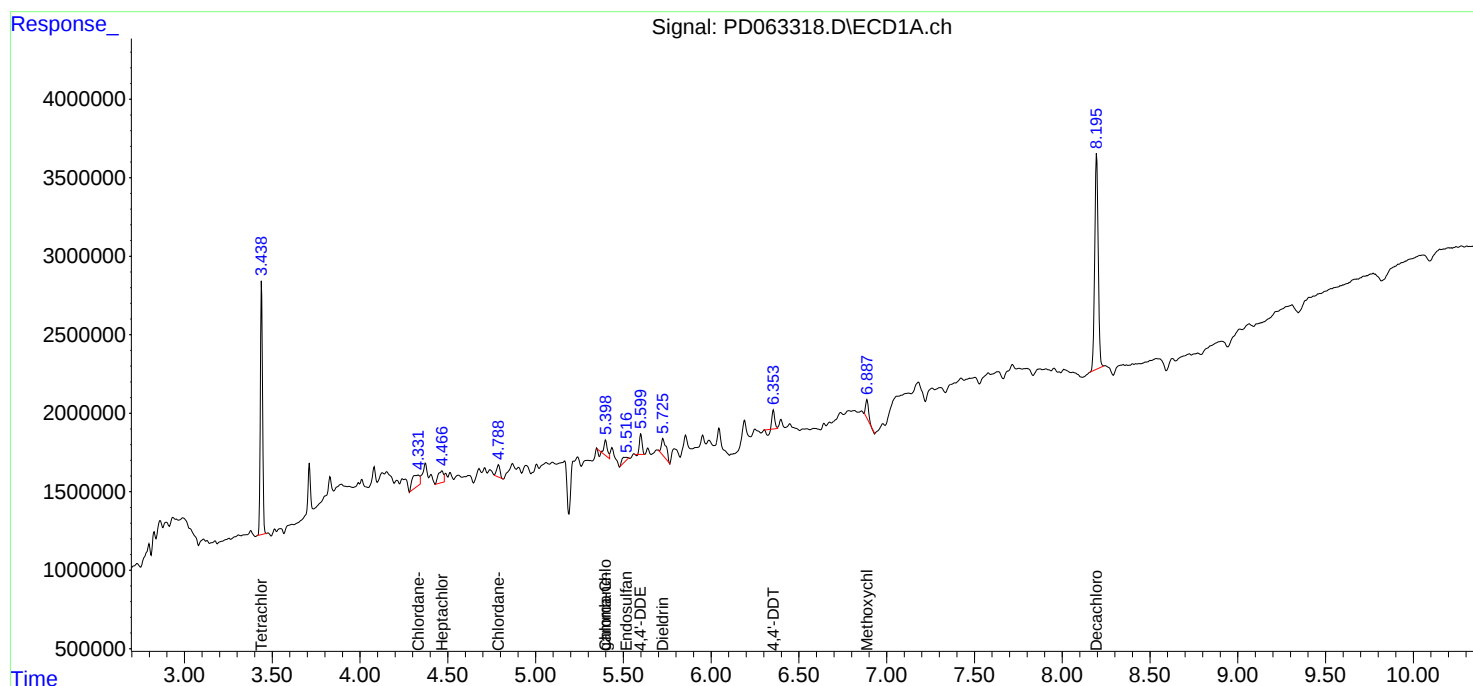
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

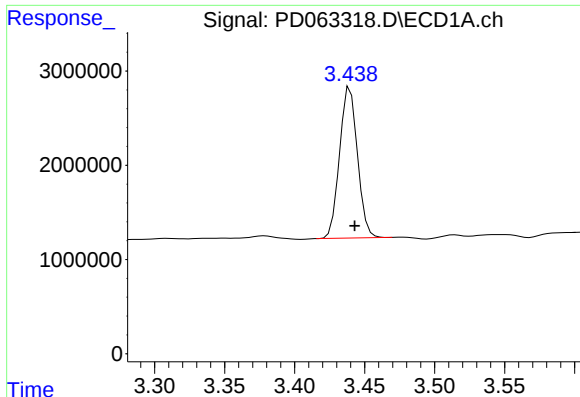
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052721\  
 Data File : PD063318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2021 17:46  
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 Sample : M2546-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 17:59:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

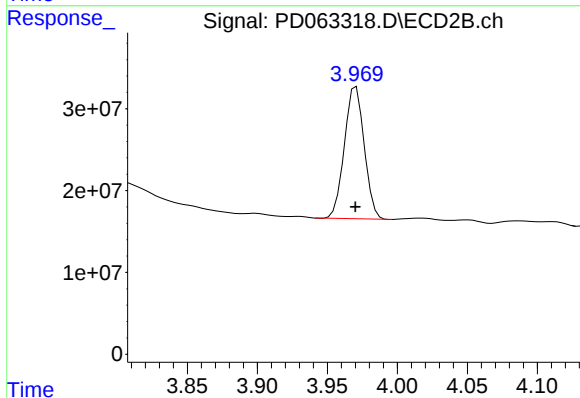




#1 Tetrachloro-m-xylene

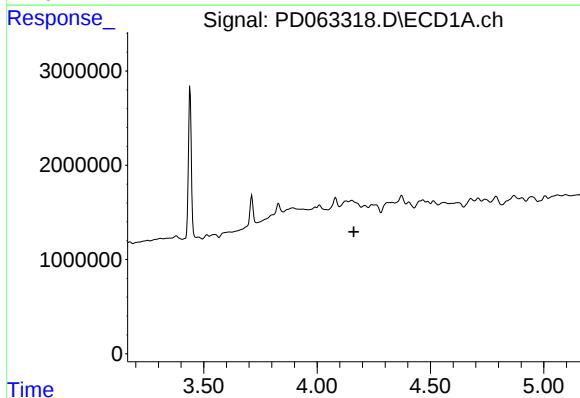
R.T.: 3.440 min  
Delta R.T.: -0.003 min  
Response: 14286030  
Conc: 12.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



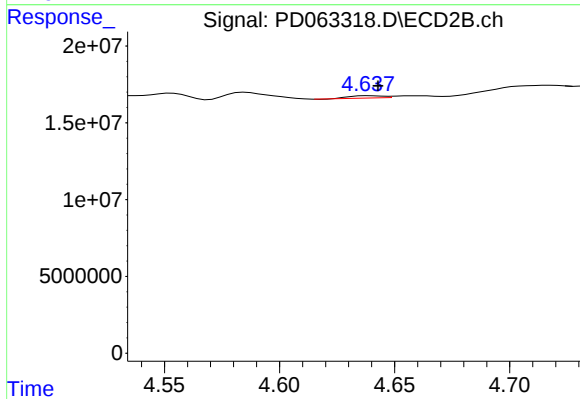
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 159187808  
Conc: 13.74 ng/ml



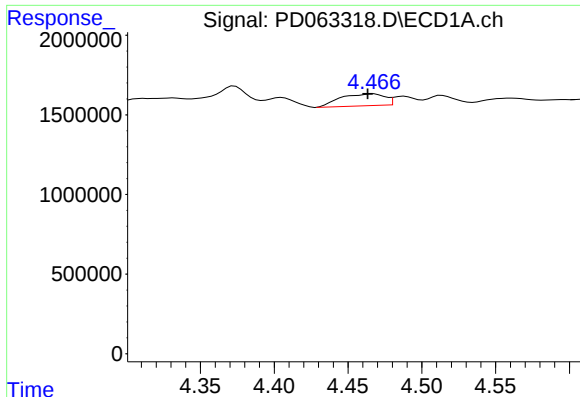
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.162 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

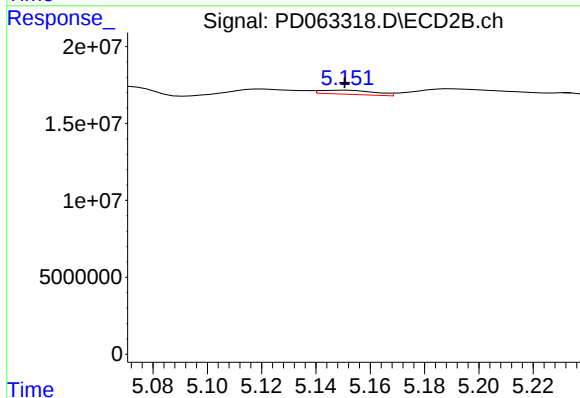
R.T.: 4.639 min  
Delta R.T.: -0.004 min  
Response: 1392523  
Conc: 0.08 ng/ml



#4 Heptachlor

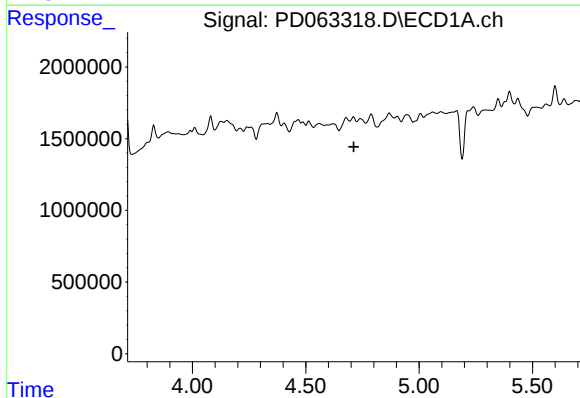
R.T.: 4.467 min  
Delta R.T.: 0.004 min  
Response: 1558363  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



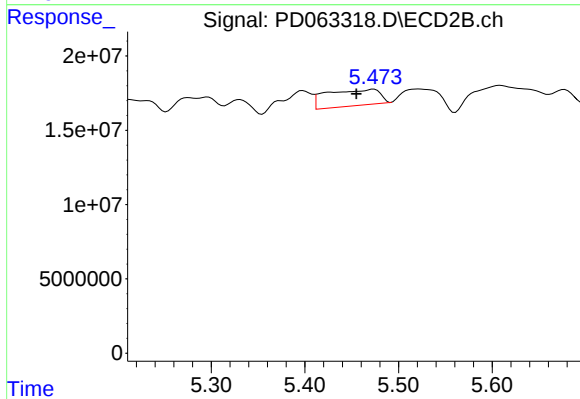
#4 Heptachlor

R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 3697447  
Conc: 0.22 ng/ml



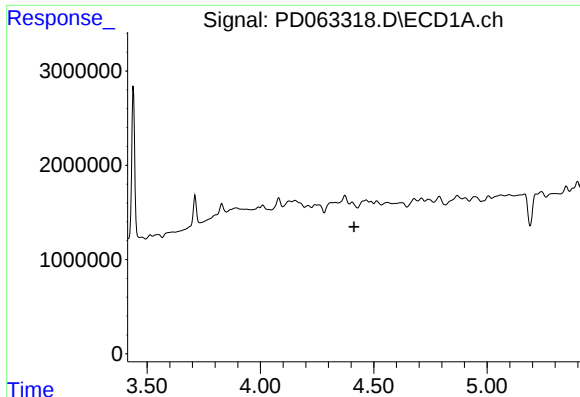
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.711 min  
Response: 0  
Conc: N.D.



#5 Aldrin

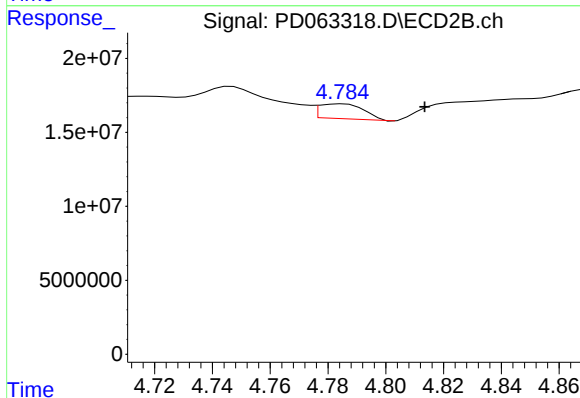
R.T.: 5.473 min  
Delta R.T.: 0.018 min  
Response: 43034994  
Conc: 2.58 ng/ml



#6 beta-BHC

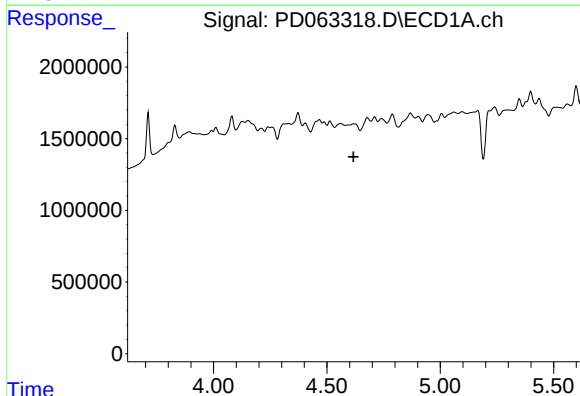
R.T.: 0.000 min  
Exp R.T.: 4.413 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



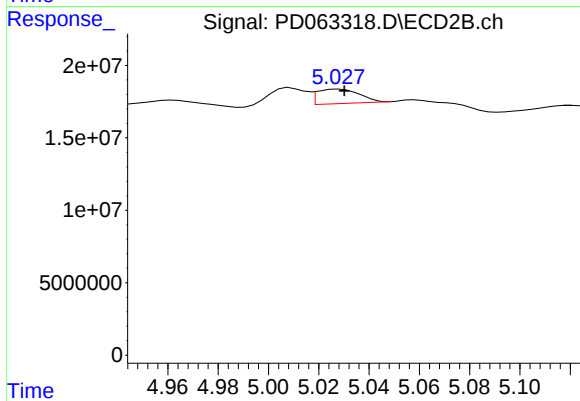
#6 beta-BHC

R.T.: 4.785 min  
Delta R.T.: -0.028 min  
Response: 10839402  
Conc: 1.46 ng/ml



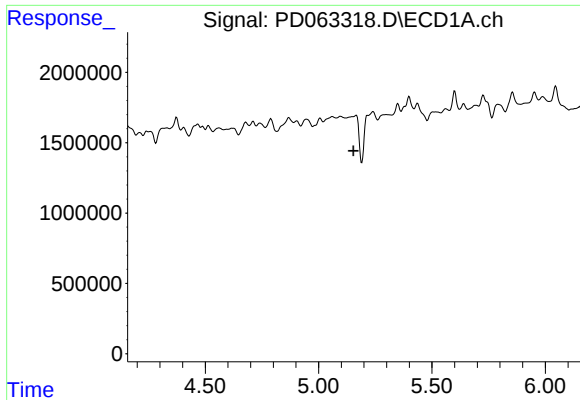
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.617 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

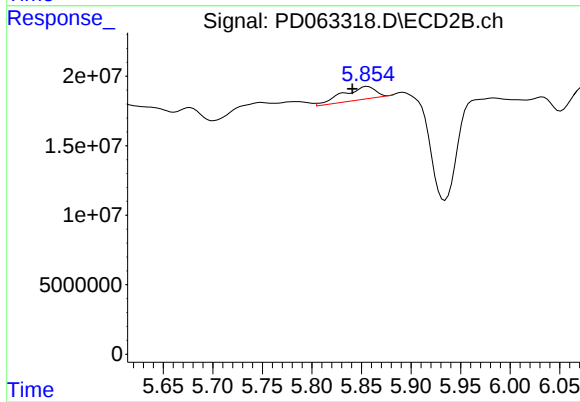
R.T.: 5.028 min  
Delta R.T.: -0.002 min  
Response: 11804902  
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

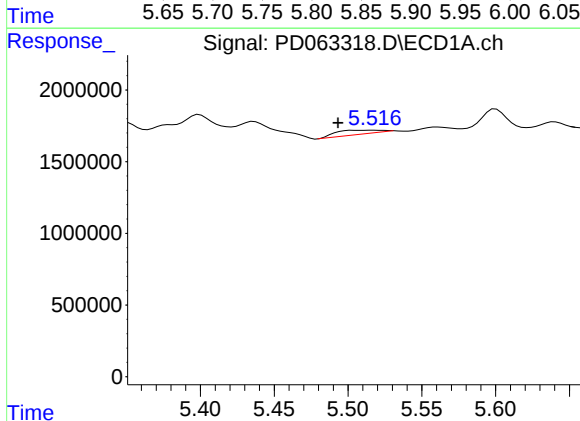
R.T.: 0.000 min  
Exp R.T.: 5.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



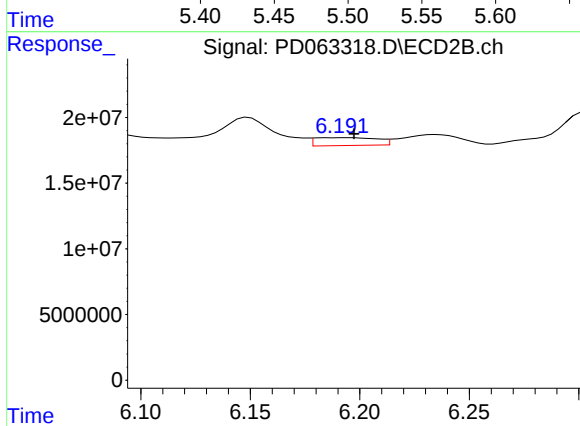
#8 Heptachlor epoxide

R.T.: 5.856 min  
Delta R.T.: 0.015 min  
Response: 22348105  
Conc: 1.46 ng/ml



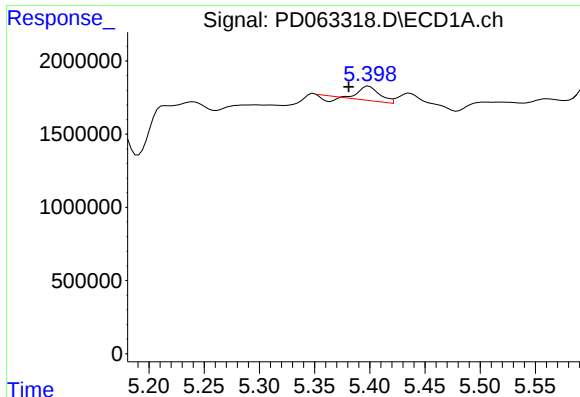
#9 Endosulfan I

R.T.: 5.518 min  
Delta R.T.: 0.024 min  
Response: 543298  
Conc: 0.40 ng/ml



#9 Endosulfan I

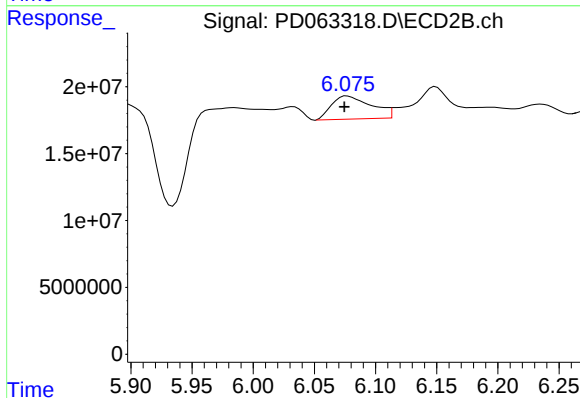
R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 11731110  
Conc: 0.83 ng/ml



#10 gamma-Chlordane

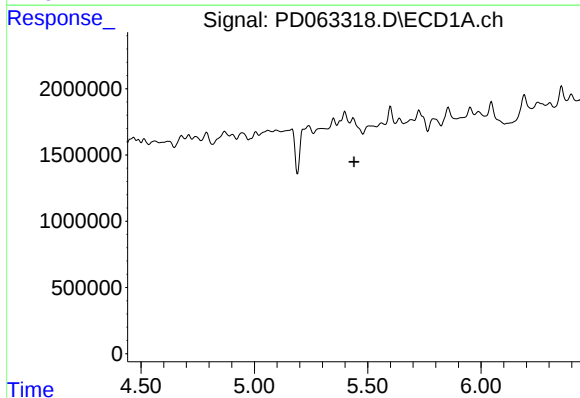
R.T.: 5.399 min  
Delta R.T.: 0.018 min  
Response: 1050342  
Conc: 0.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



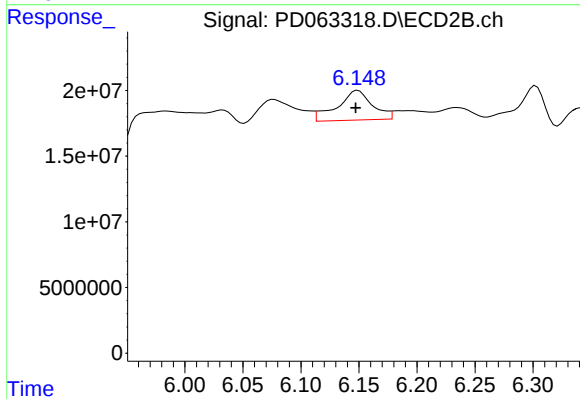
#10 gamma-Chlordane

R.T.: 6.077 min  
Delta R.T.: 0.003 min  
Response: 39327341  
Conc: 2.52 ng/ml



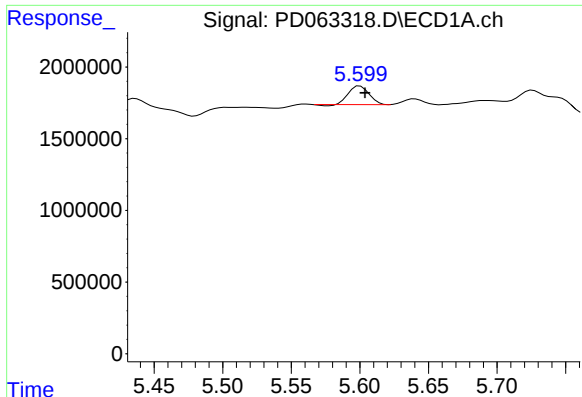
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.440 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

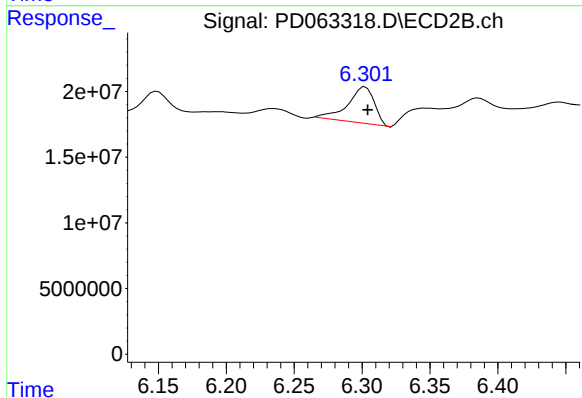
R.T.: 6.149 min  
Delta R.T.: 0.002 min  
Response: 47206140  
Conc: 3.19 ng/ml



#12 4,4'-DDE

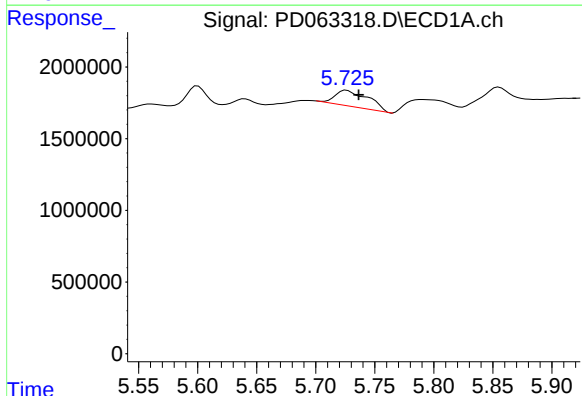
R.T.: 5.600 min  
Delta R.T.: -0.004 min  
Response: 1320304  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



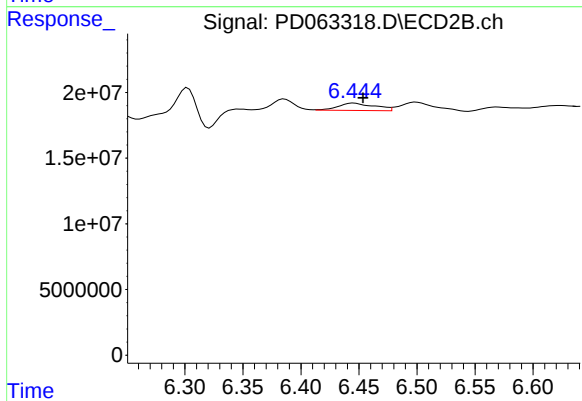
#12 4,4'-DDE

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 37731546  
Conc: 2.50 ng/ml



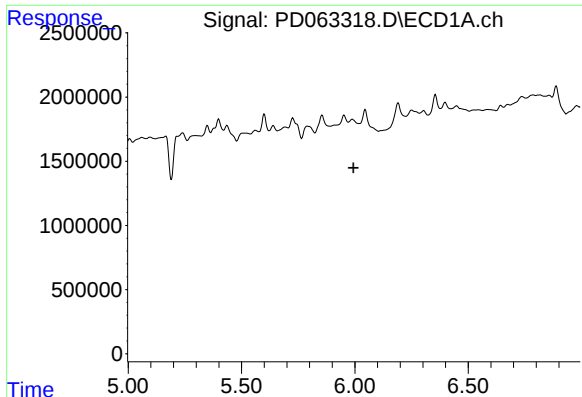
#13 Dieldrin

R.T.: 5.726 min  
Delta R.T.: -0.010 min  
Response: 2175253  
Conc: 1.47 ng/ml



#13 Dieldrin

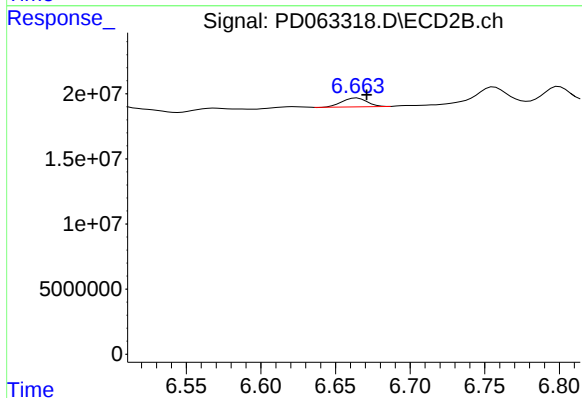
R.T.: 6.446 min  
Delta R.T.: -0.008 min  
Response: 12219766  
Conc: 0.81 ng/ml



#14 Endrin

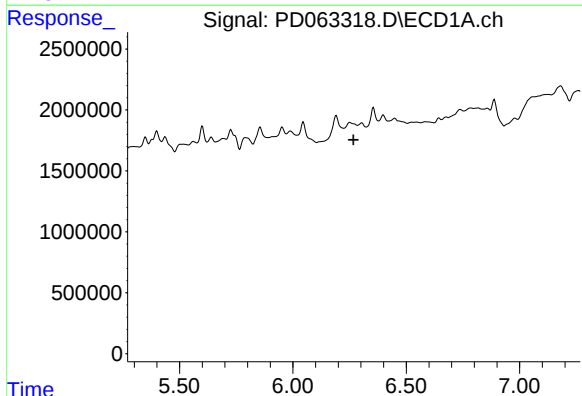
R.T.: 0.000 min  
Exp R.T.: 5.994 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



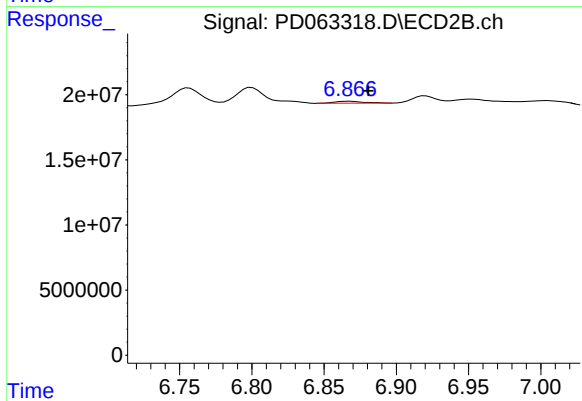
#14 Endrin

R.T.: 6.664 min  
Delta R.T.: -0.007 min  
Response: 7828308  
Conc: 0.61 ng/ml



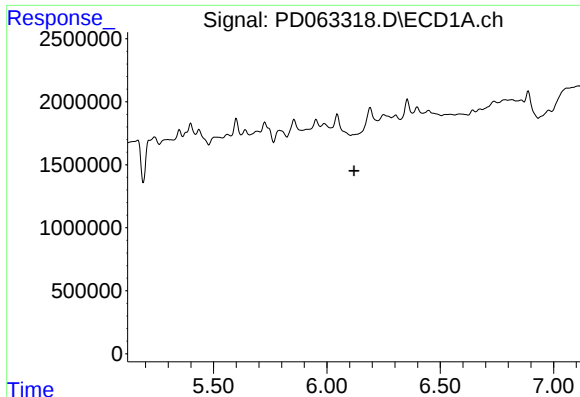
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.267 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

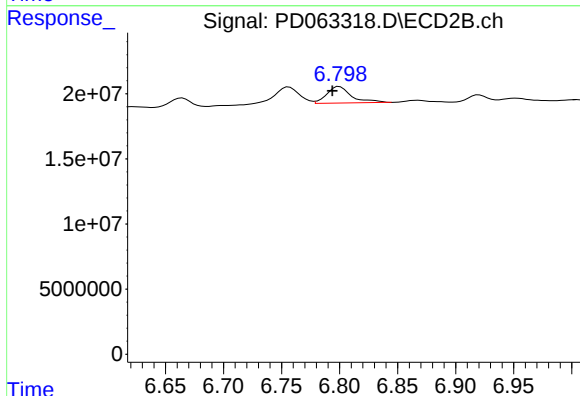
R.T.: 6.867 min  
Delta R.T.: -0.013 min  
Response: 2087427  
Conc: 0.17 ng/ml



#16 4,4'-DDD

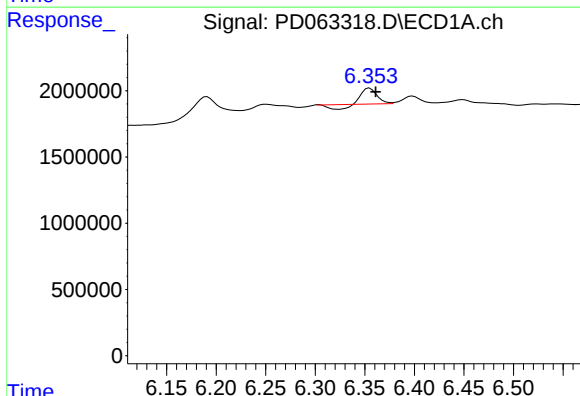
R.T.: 0.000 min  
Exp R.T.: 6.120 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



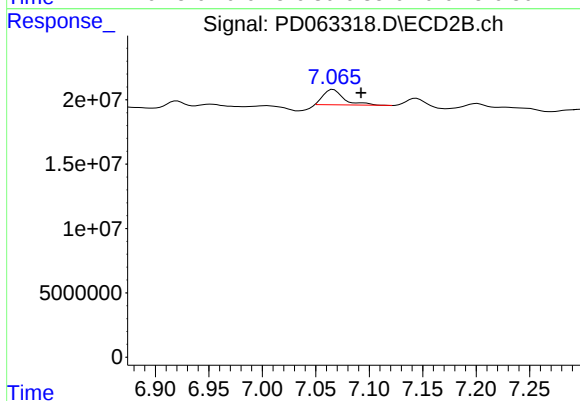
#16 4,4'-DDD

R.T.: 6.800 min  
Delta R.T.: 0.006 min  
Response: 18878428  
Conc: 1.56 ng/ml



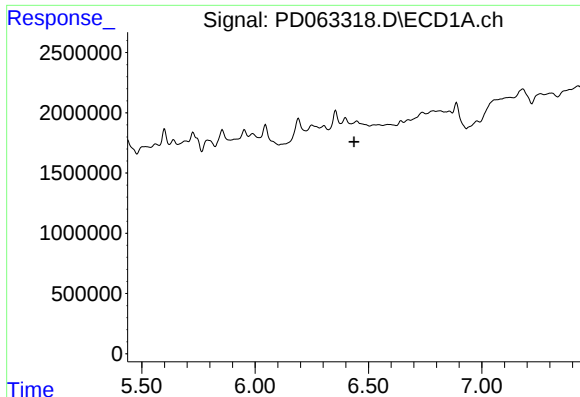
#17 4,4'-DDT

R.T.: 6.355 min  
Delta R.T.: -0.006 min  
Response: 900659  
Conc: 0.79 ng/ml



#17 4,4'-DDT

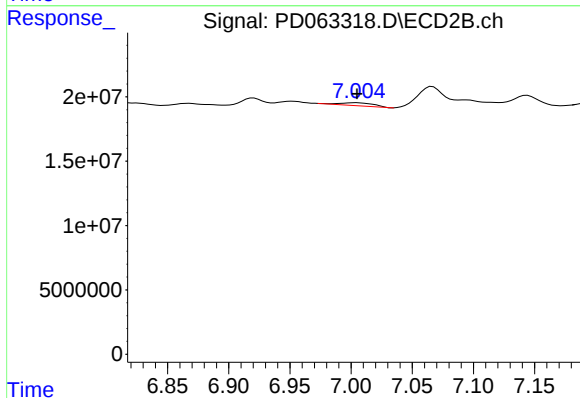
R.T.: 7.066 min  
Delta R.T.: -0.026 min  
Response: 15943238  
Conc: 1.41 ng/ml



#18 Endrin aldehyde

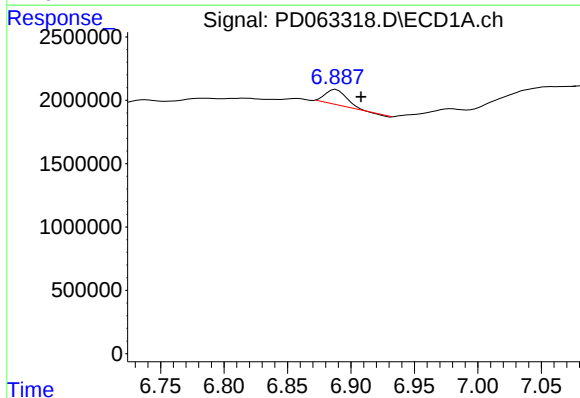
R.T.: 0.000 min  
Exp R.T.: 6.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



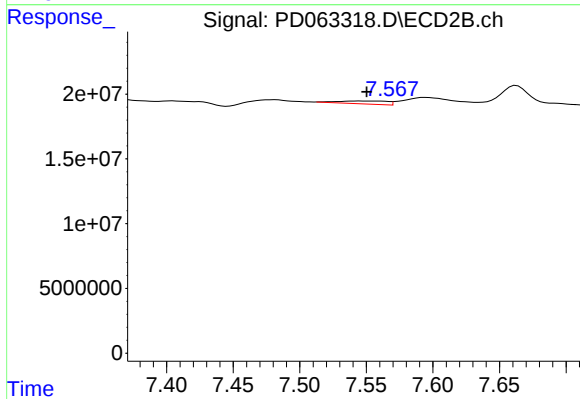
#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 4280948  
Conc: 0.42 ng/ml



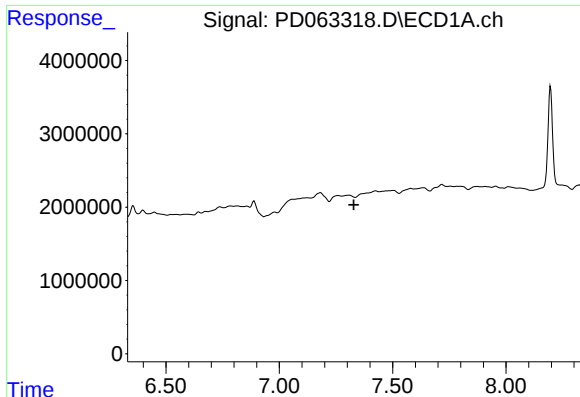
#20 Methoxychlor

R.T.: 6.888 min  
Delta R.T.: -0.020 min  
Response: 1430563  
Conc: 2.13 ng/ml



#20 Methoxychlor

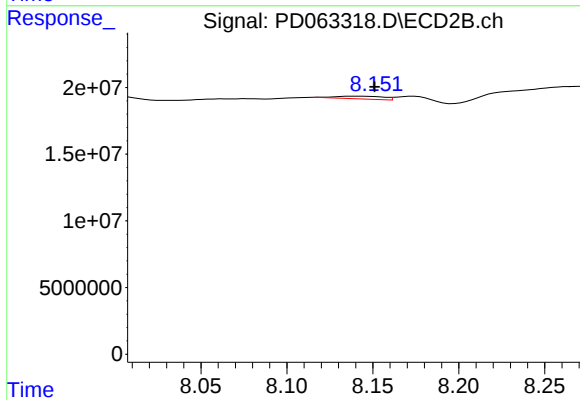
R.T.: 7.546 min  
Delta R.T.: -0.005 min  
Response: 5773316  
Conc: 1.01 ng/ml



#22 Mirex

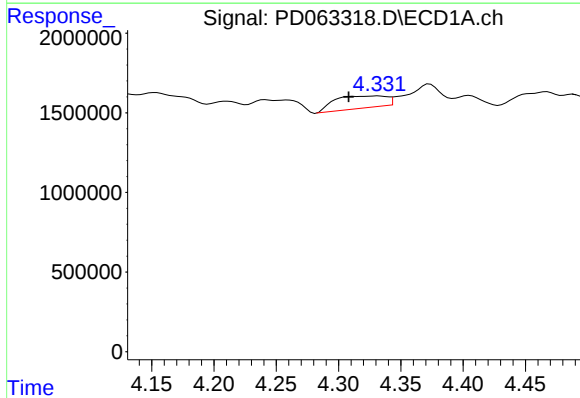
R.T.: 0.000 min  
Exp R.T.: 7.329 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



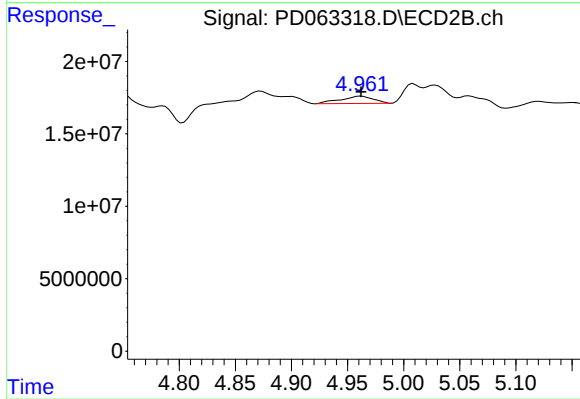
#22 Mirex

R.T.: 8.140 min  
Delta R.T.: -0.011 min  
Response: 4069891  
Conc: 0.54 ng/ml



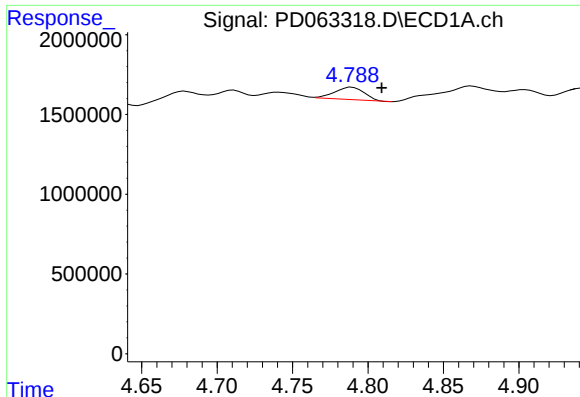
#23 Chlordane-1

R.T.: 4.332 min  
Delta R.T.: 0.024 min  
Response: 2220175  
Conc: 47.68 ng/ml



#23 Chlordane-1

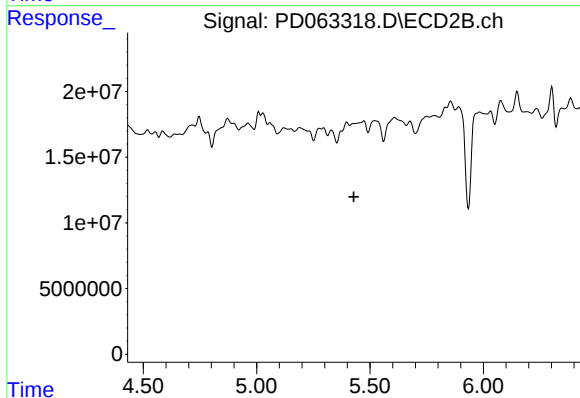
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 10219474  
Conc: 17.62 ng/ml



#24 Chlordane-2

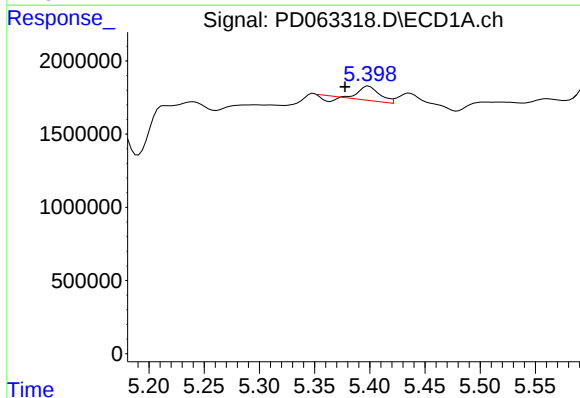
R.T.: 4.789 min  
Delta R.T.: -0.020 min  
Response: 1052547  
Conc: 18.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



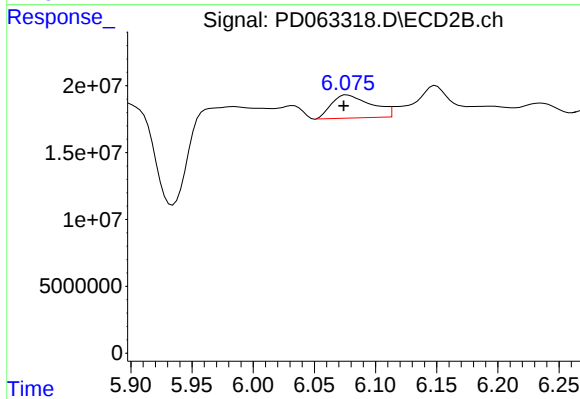
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.428 min  
Response: 0  
Conc: N.D.



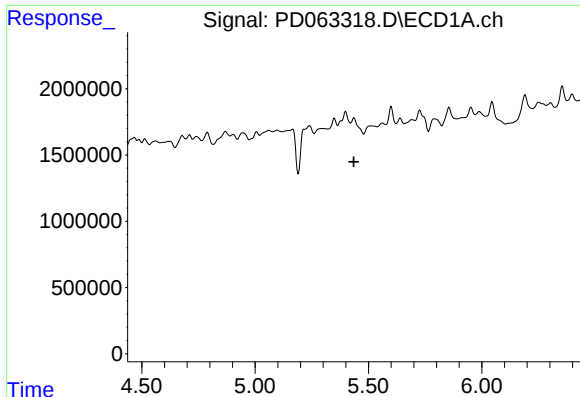
#25 Chlordane-3

R.T.: 5.399 min  
Delta R.T.: 0.022 min  
Response: 1050342  
Conc: 6.37 ng/ml



#25 Chlordane-3

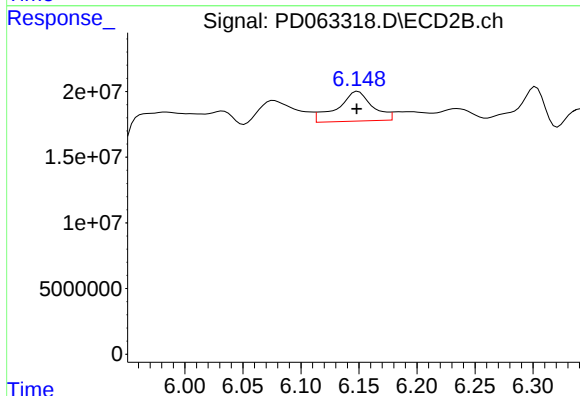
R.T.: 6.077 min  
Delta R.T.: 0.003 min  
Response: 39327341  
Conc: 16.65 ng/ml



#26 Chlordane-4

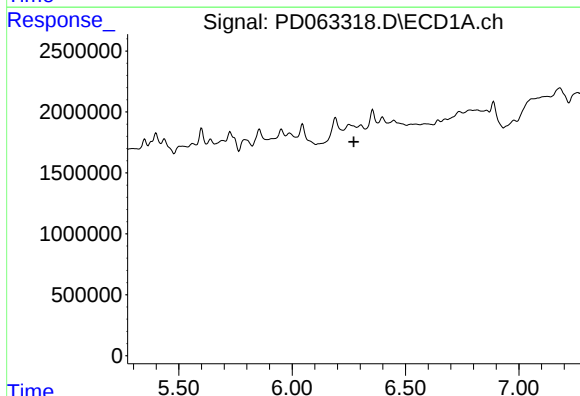
R.T.: 0.000 min  
Exp R.T.: 5.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



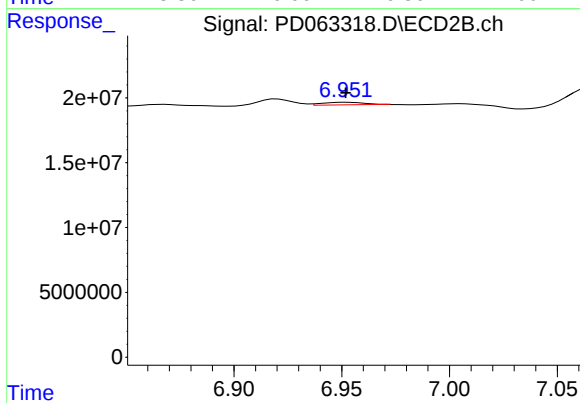
#26 Chlordane-4

R.T.: 6.149 min  
Delta R.T.: 0.001 min  
Response: 47206140  
Conc: 17.46 ng/ml



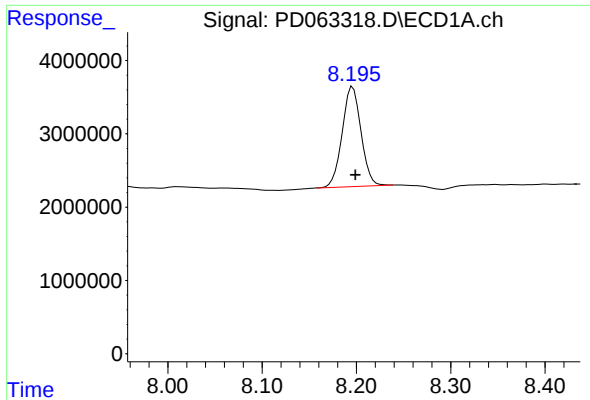
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.273 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

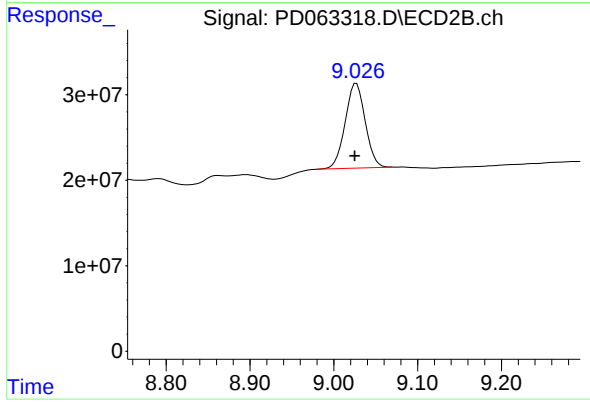
R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 2781163  
Conc: 6.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 18908923  
Conc: 15.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 165508816  
Conc: 16.22 ng/ml