

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063075.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2021 18:42  
 Operator : AR\AJ  
 Sample : M2436-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-2A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 04:52:49 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  | 3.971  | 15562680 | 155.9E6   | 14.128  | 13.454    |
| 28)                         | SA Decachlor... | 8.196  | 9.025  | 15993530 | 152.7E6   | 12.708  | 14.963    |
| Target Compounds            |                 |        |        |          |           |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.387f | 0        | 49718448  | N.D.    | 2.582 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.647  | 0        | 5484783   | N.D.    | 0.318 #   |
| 4)                          | MA Heptachlor   | 4.468  | 0.000  | 6123197  | 0         | 3.892   | N.D. #    |
| 5)                          | MB Aldrin       | 4.711  | 5.434f | 1007480  | 79245938  | 0.658   | 4.748 #   |
| 6)                          | B beta-BHC      | 0.000  | 4.839f | 0        | 129.7E6   | N.D.    | 17.486 #  |
| 7)                          | B delta-BHC     | 4.627  | 5.004f | 2595962  | 25760653  | 1.575   | 1.844     |
| 8)                          | B Heptachlo...  | 5.172f | 5.832  | 4887230  | 46349239  | 3.391   | 3.030     |
| 9)                          | A Endosulfan I  | 5.501  | 0.000  | 4066649  | 0         | 2.997   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.399f | 6.074  | 10713588 | -32822546 | 7.304   | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.438  | 6.148  | 12560675 | 38263815  | 8.700   | 2.582 #   |
| 12)                         | B 4,4'-DDE      | 5.600  | 6.302  | 7872100  | 137.3E6   | 5.487   | 9.096 #   |
| 13)                         | MA Dieldrin     | 5.726  | 6.444  | 9253331  | 12266107  | 6.254   | 0.809 #   |
| 14)                         | MA Endrin       | 0.000  | 6.664  | 0        | 48992634  | N.D.    | 3.840 #   |
| 15)                         | B Endosulfa...  | 6.249  | 6.866  | 3228331  | 8468980   | 2.595   | 0.706 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.800  | 0        | 40316747  | N.D.    | 3.323 #   |
| 17)                         | MA 4,4'-DDT     | 6.355  | 7.094  | 6217941  | 3516693   | 5.440   | 0.312 #   |
| 18)                         | B Endrin al...  | 6.448f | 7.029f | 848880   | 7644244   | 0.799   | 0.751     |
| 19)                         | B Endosulfa...  | 6.643  | 7.199f | 896708   | 4218804   | 0.744   | 0.344 #   |
| 20)                         | A Methoxychlor  | 6.889f | 0.000  | 2476877  | 0         | 3.691   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.166f | 7.718f | 878256   | 4966548   | 0.594   | 0.414 #   |
| 22)                         | Mirex           | 0.000  | 8.161  | 0        | 6426992   | N.D.    | 0.845 #   |
| 23)                         | Chlordane-1     | 4.309  | 4.968  | 4031922  | 247.1E6   | 110.324 | 369.282 # |
| 24)                         | Chlordane-2     | 4.809  | 5.434  | 5717381  | 79245938  | 124.365 | 162.588 # |
| 25)                         | Chlordane-3     | 5.399  | 6.074  | 10713588 | -32822546 | 74.591  | N.D. #    |
| 26)                         | Chlordane-4     | 5.438  | 6.148  | 12560675 | 38263815  | 106.453 | 16.267 #  |
| 27)                         | Chlordane-5     | 6.304f | 6.974f | 955702   | 1303207   | 20.808  | 3.056 #   |
| -----                       |                 |        |        |          |           |         |           |

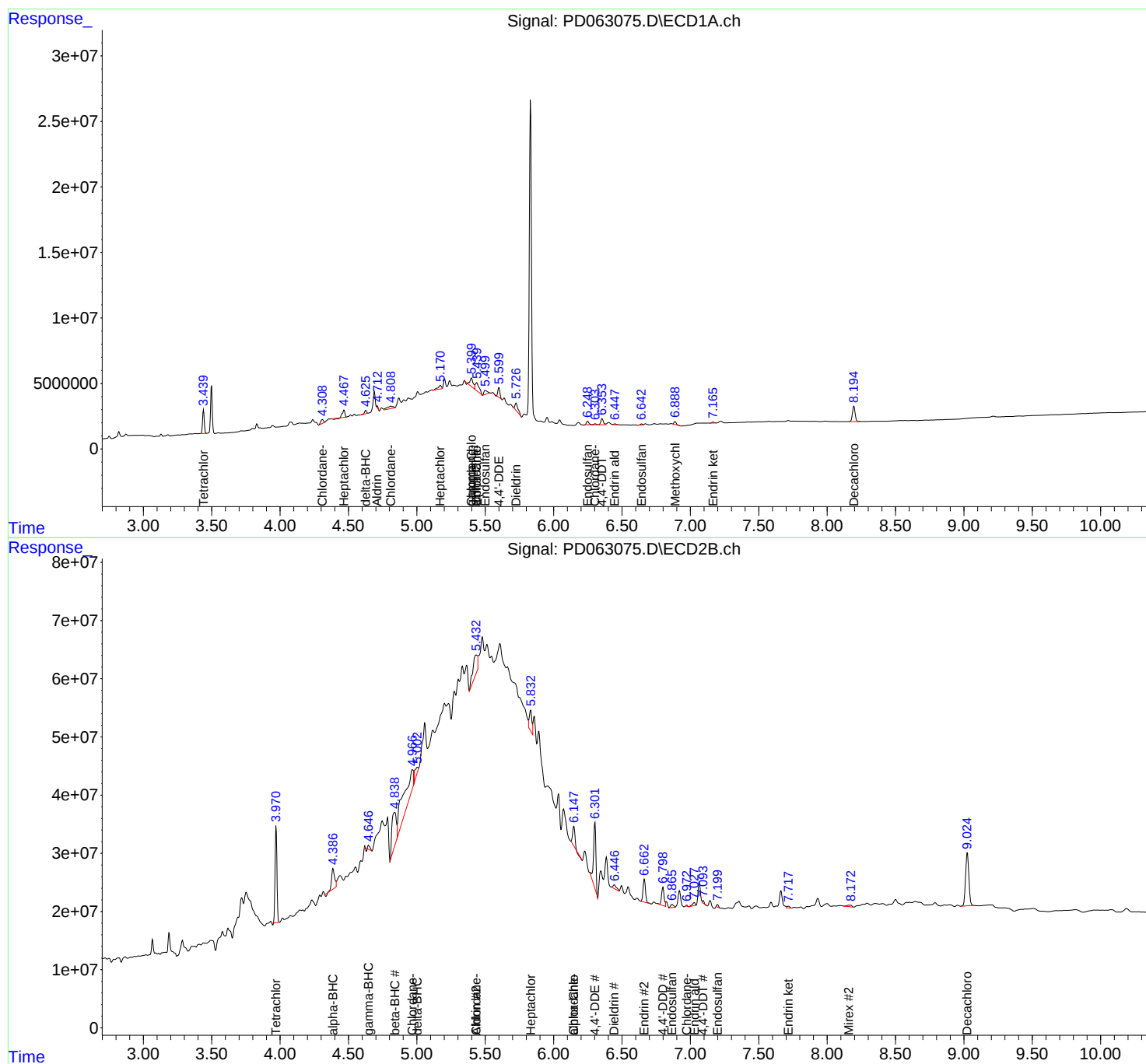
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

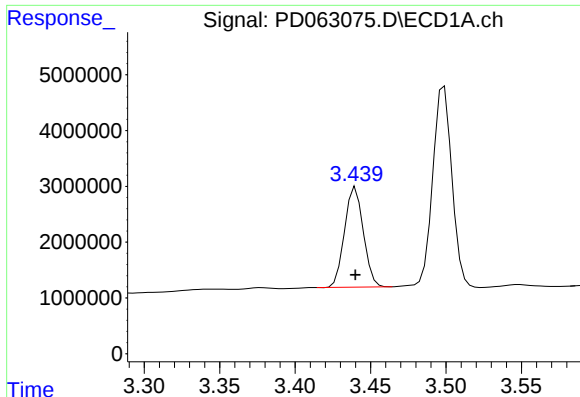
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
Data File : PD063075.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2021 18:42  
Operator : AR\AJ  
Sample : M2436-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 04:52:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 2021  
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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

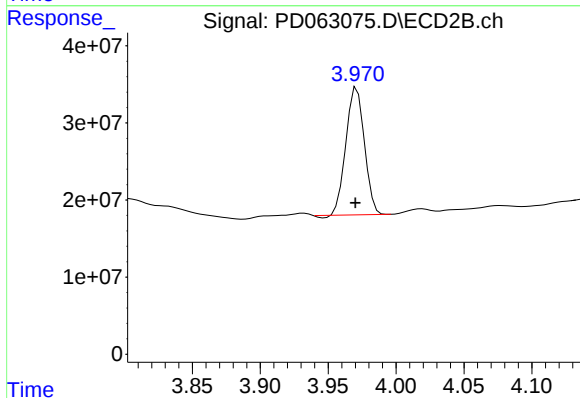




#1 Tetrachloro-m-xylene

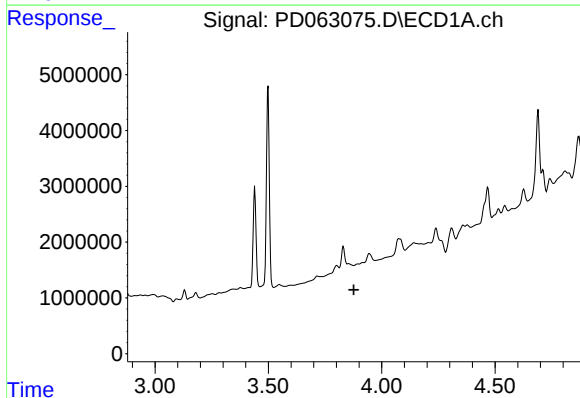
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 15562680  
Conc: 14.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



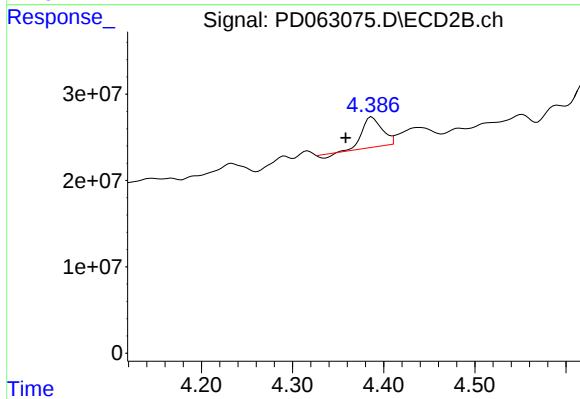
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.001 min  
Response: 155904688  
Conc: 13.45 ng/ml



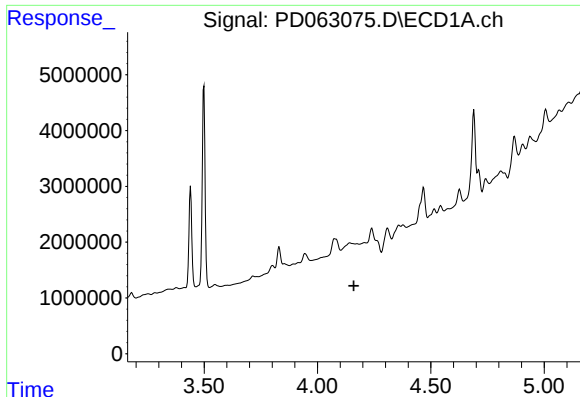
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.877 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

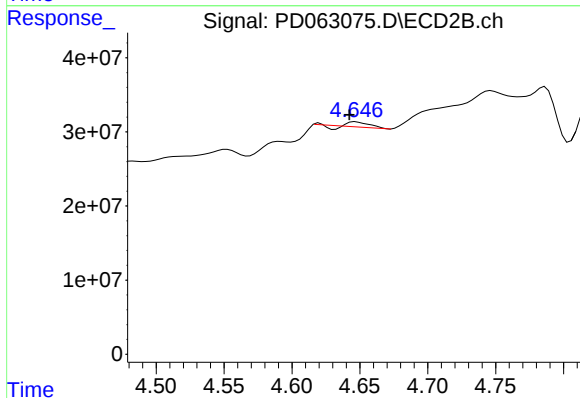
R.T.: 4.387 min  
Delta R.T.: 0.029 min  
Response: 49718448  
Conc: 2.58 ng/ml



#3 gamma-BHC (Lindane)

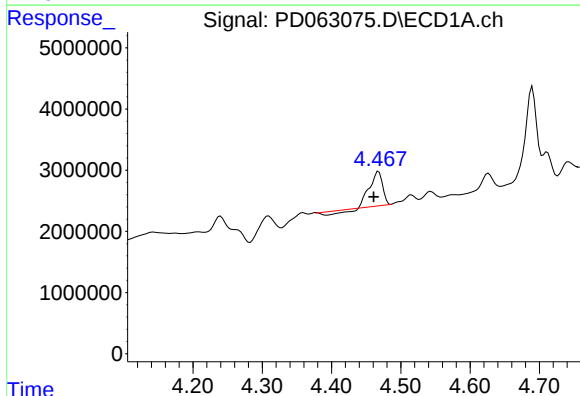
R.T.: 0.000 min  
Exp R.T.: 4.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



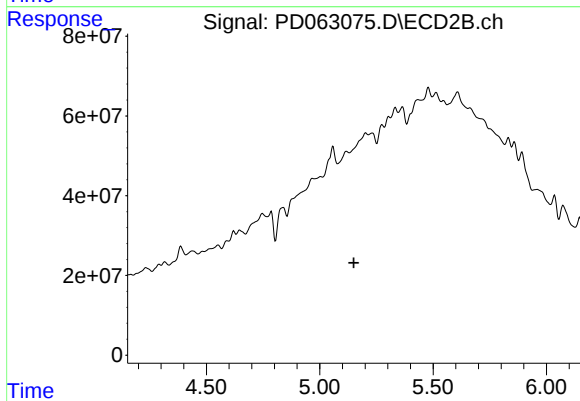
#3 gamma-BHC (Lindane)

R.T.: 4.647 min  
Delta R.T.: 0.004 min  
Response: 5484783  
Conc: 0.32 ng/ml



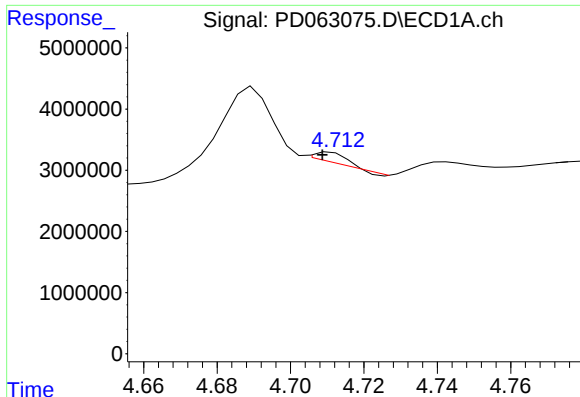
#4 Heptachlor

R.T.: 4.468 min  
Delta R.T.: 0.007 min  
Response: 6123197  
Conc: 3.89 ng/ml



#4 Heptachlor

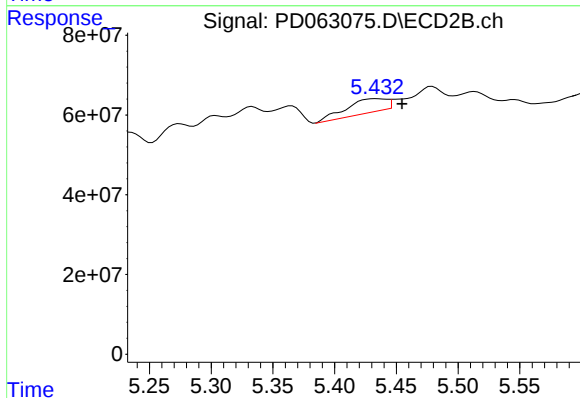
R.T.: 0.000 min  
Exp R.T.: 5.151 min  
Response: 0  
Conc: N.D.



#5 Aldrin

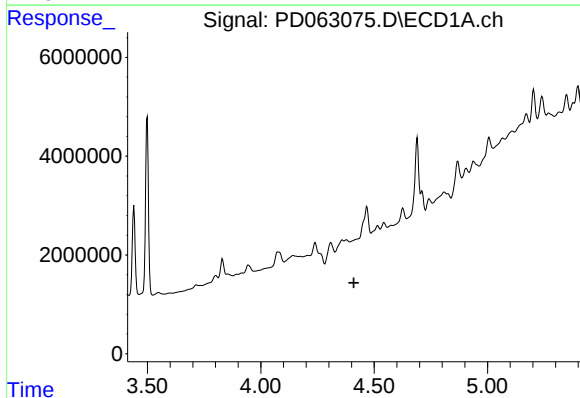
R.T.: 4.711 min  
Delta R.T.: 0.002 min  
Response: 1007480  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



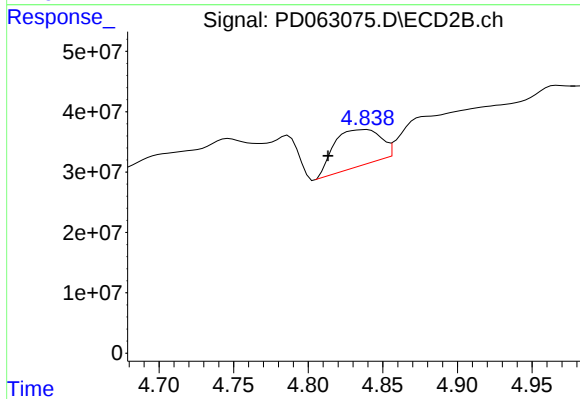
#5 Aldrin

R.T.: 5.434 min  
Delta R.T.: -0.021 min  
Response: 79245938  
Conc: 4.75 ng/ml



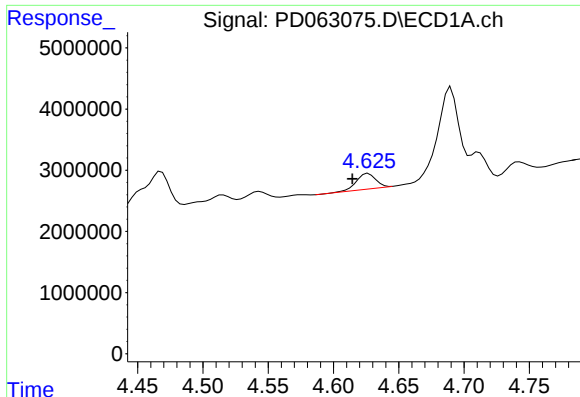
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.411 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

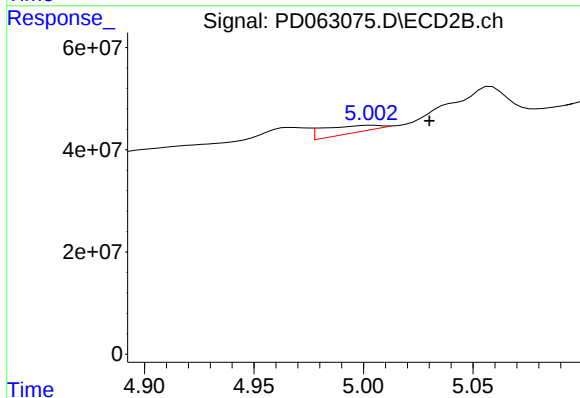
R.T.: 4.839 min  
Delta R.T.: 0.026 min  
Response: 129702066  
Conc: 17.49 ng/ml



#7 delta-BHC

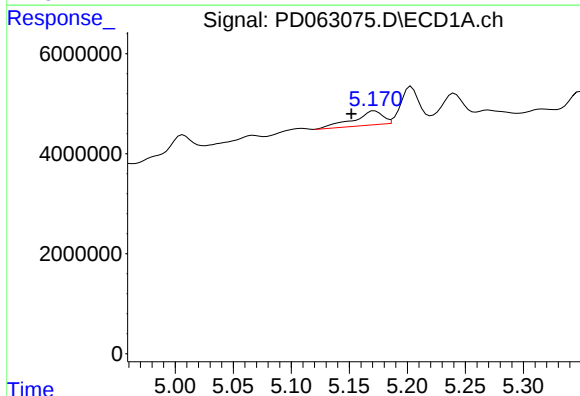
R.T.: 4.627 min  
Delta R.T.: 0.012 min  
Response: 2595962  
Conc: 1.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



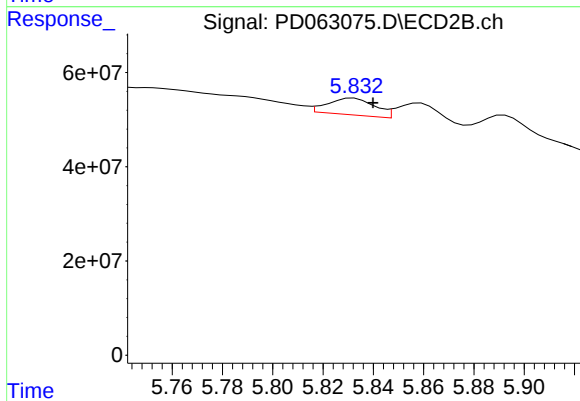
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: -0.026 min  
Response: 25760653  
Conc: 1.84 ng/ml



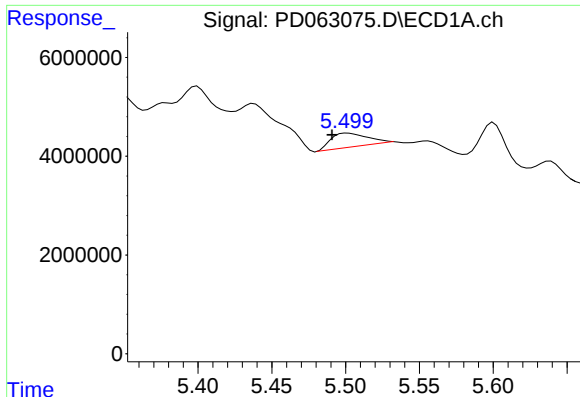
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: 0.020 min  
Response: 4887230  
Conc: 3.39 ng/ml



#8 Heptachlor epoxide

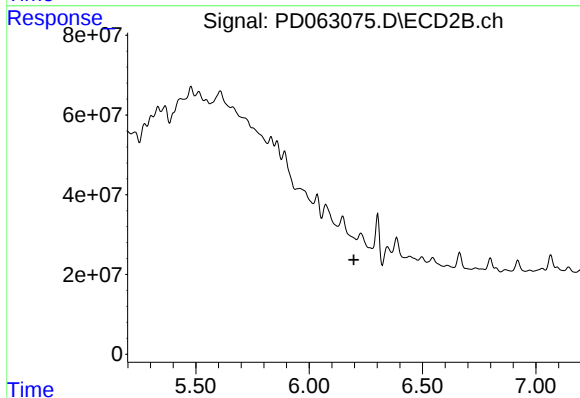
R.T.: 5.832 min  
Delta R.T.: -0.008 min  
Response: 46349239  
Conc: 3.03 ng/ml



#9 Endosulfan I

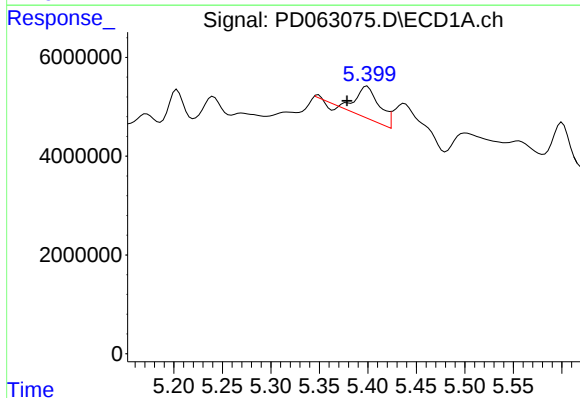
R.T.: 5.501 min  
Delta R.T.: 0.011 min  
Response: 4066649  
Conc: 3.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



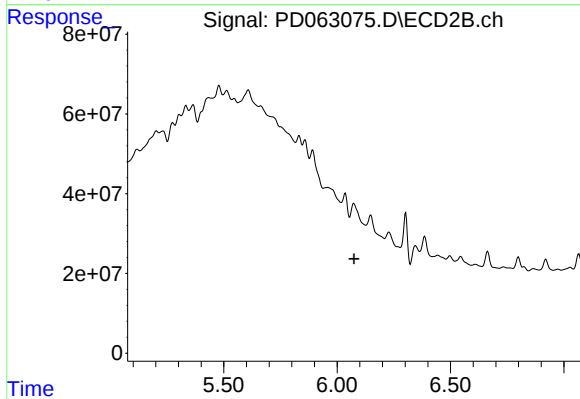
#9 Endosulfan I

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



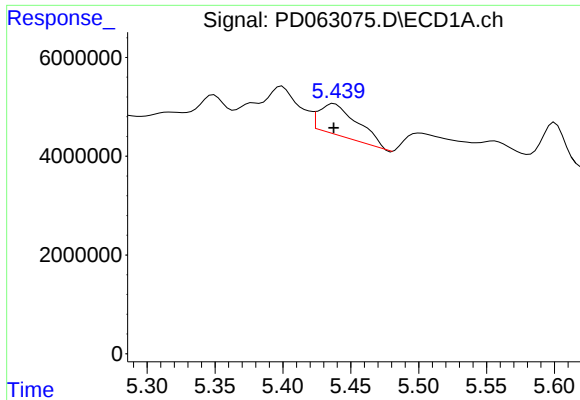
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.021 min  
Response: 10713588  
Conc: 7.30 ng/ml



#10 gamma-Chlordane

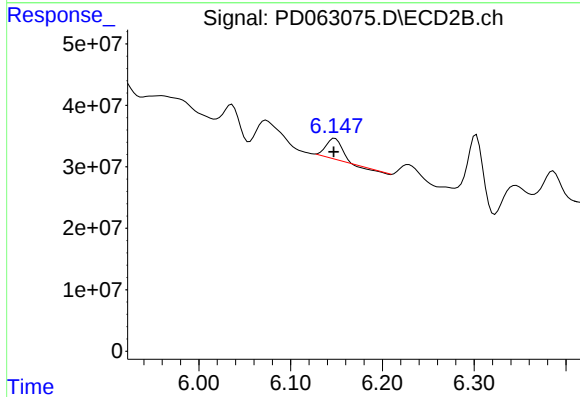
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: -32822546  
Conc: N.D.



#11 alpha-Chlordane

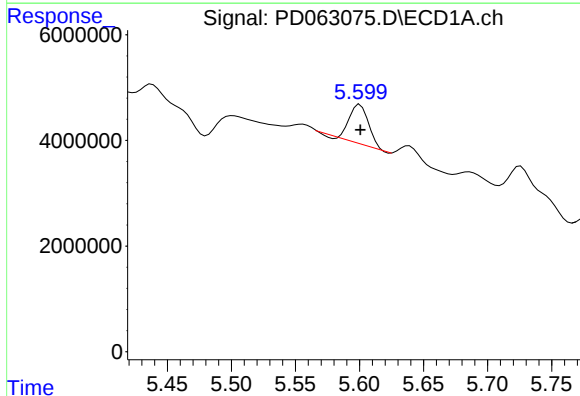
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 12560675  
Conc: 8.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



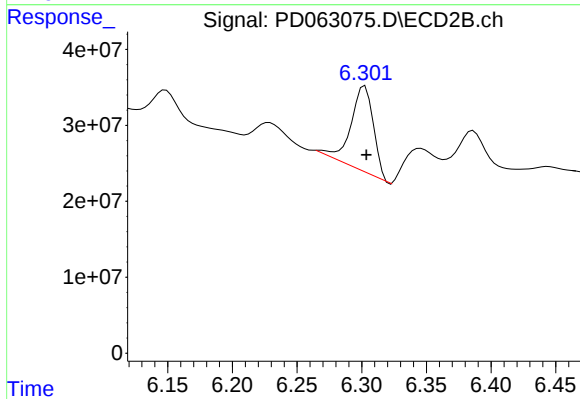
#11 alpha-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.001 min  
Response: 38263815  
Conc: 2.58 ng/ml



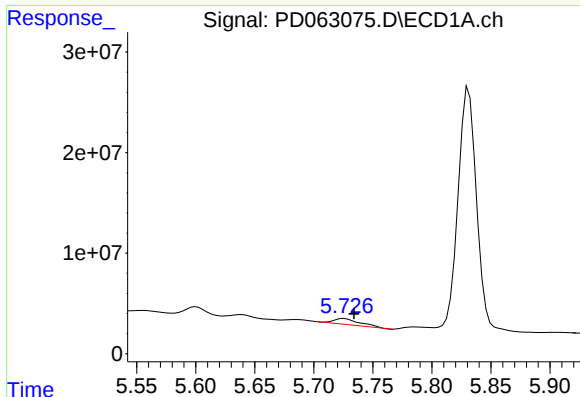
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: 0.000 min  
Response: 7872100  
Conc: 5.49 ng/ml



#12 4,4'-DDE

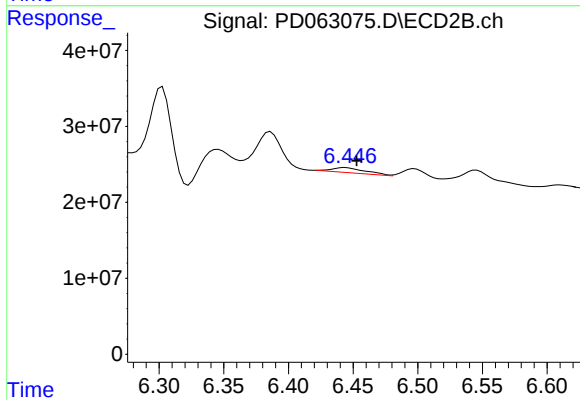
R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 137292819  
Conc: 9.10 ng/ml



#13 Dieldrin

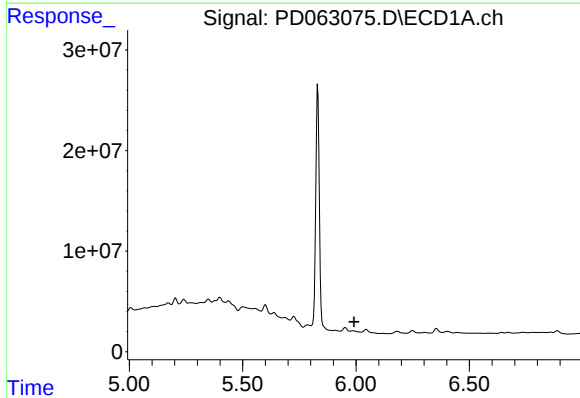
R.T.: 5.726 min  
Delta R.T.: -0.008 min  
Response: 9253331  
Conc: 6.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



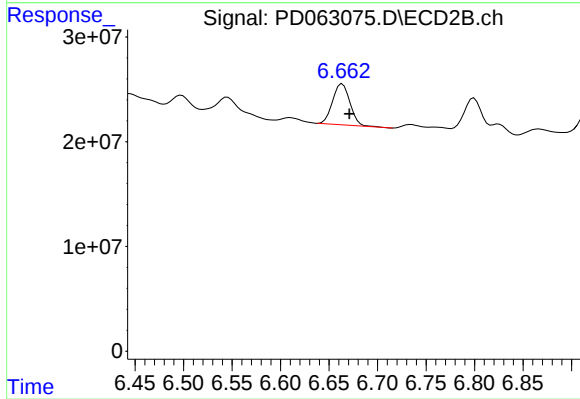
#13 Dieldrin

R.T.: 6.444 min  
Delta R.T.: -0.009 min  
Response: 12266107  
Conc: 0.81 ng/ml



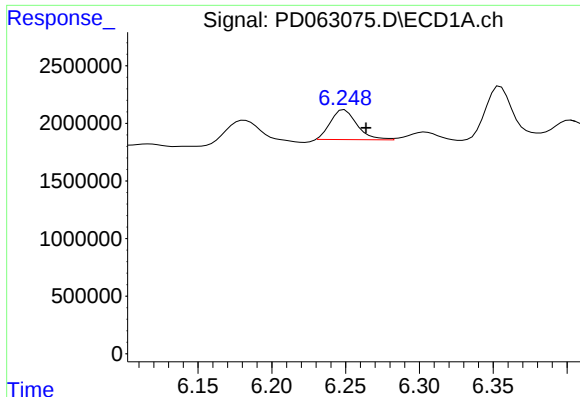
#14 Endrin

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



#14 Endrin

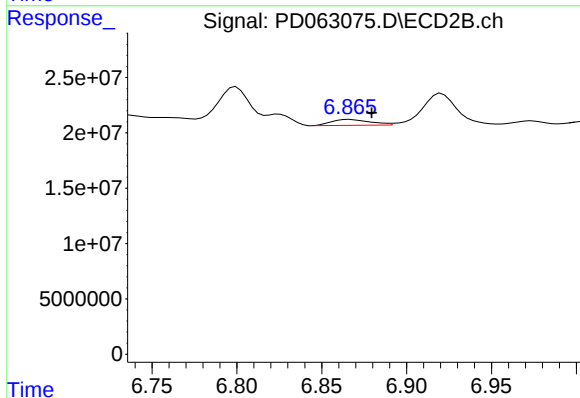
R.T.: 6.664 min  
Delta R.T.: -0.007 min  
Response: 48992634  
Conc: 3.84 ng/ml



#15 Endosulfan II

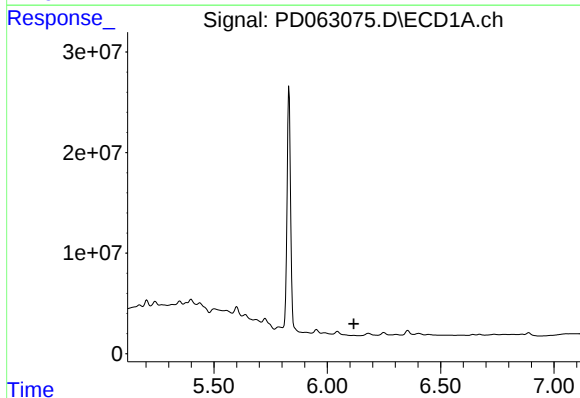
R.T.: 6.249 min  
Delta R.T.: -0.015 min  
Response: 3228331  
Conc: 2.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



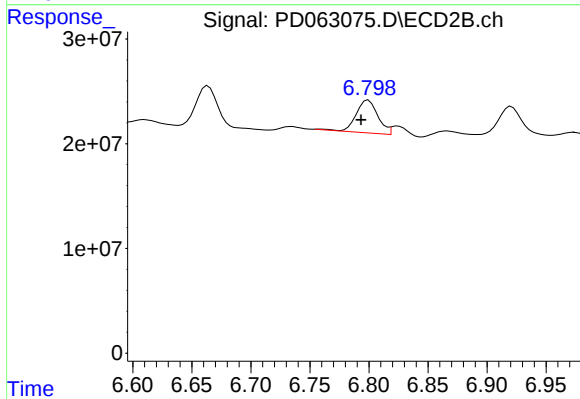
#15 Endosulfan II

R.T.: 6.866 min  
Delta R.T.: -0.013 min  
Response: 8468980  
Conc: 0.71 ng/ml



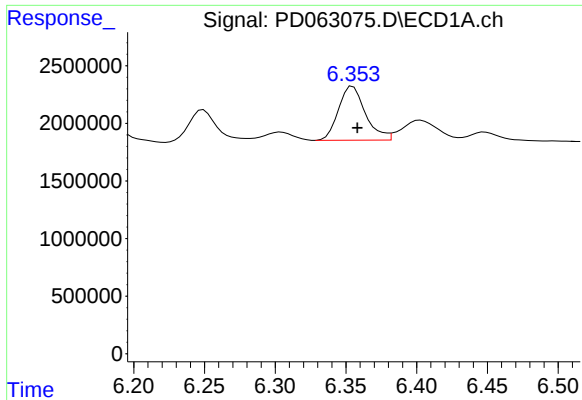
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.117 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

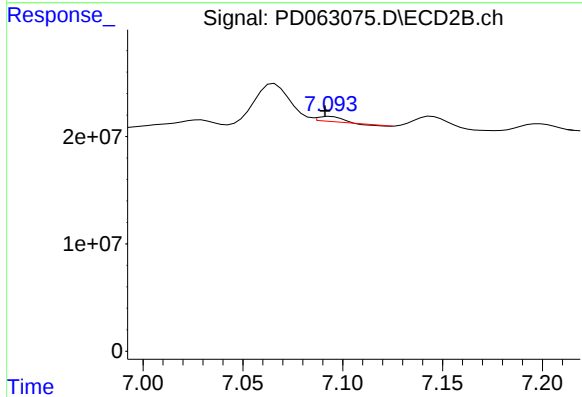
R.T.: 6.800 min  
Delta R.T.: 0.006 min  
Response: 40316747  
Conc: 3.32 ng/ml



#17 4,4'-DDT

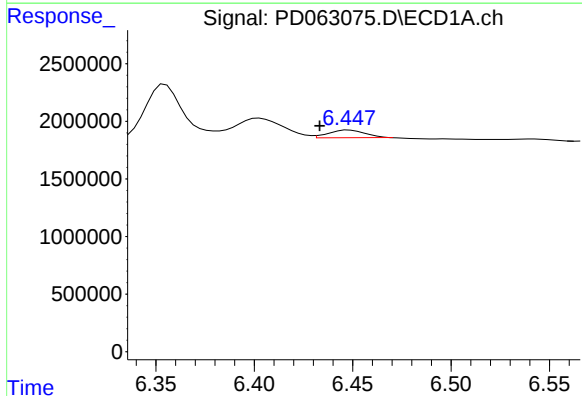
R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 6217941  
Conc: 5.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



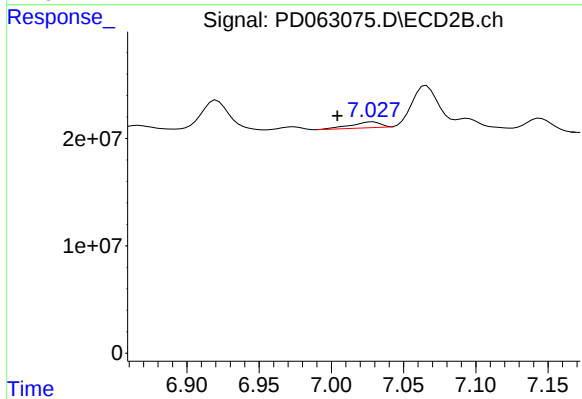
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: 0.003 min  
Response: 3516693  
Conc: 0.31 ng/ml



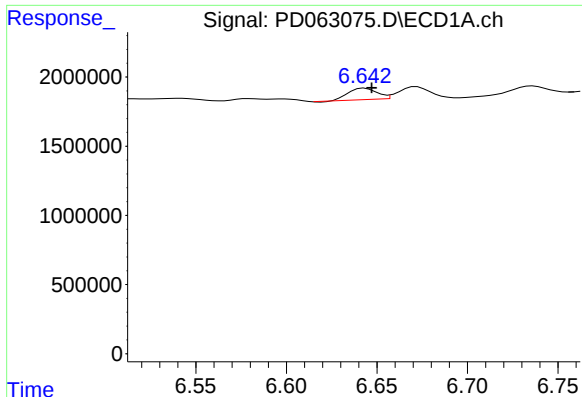
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.015 min  
Response: 848880  
Conc: 0.80 ng/ml



#18 Endrin aldehyde

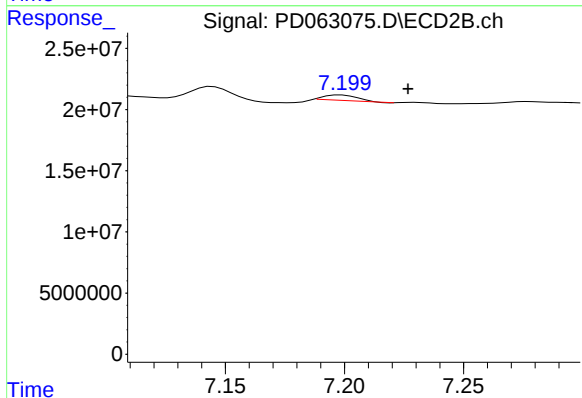
R.T.: 7.029 min  
Delta R.T.: 0.025 min  
Response: 7644244  
Conc: 0.75 ng/ml



#19 Endosulfan Sulfate

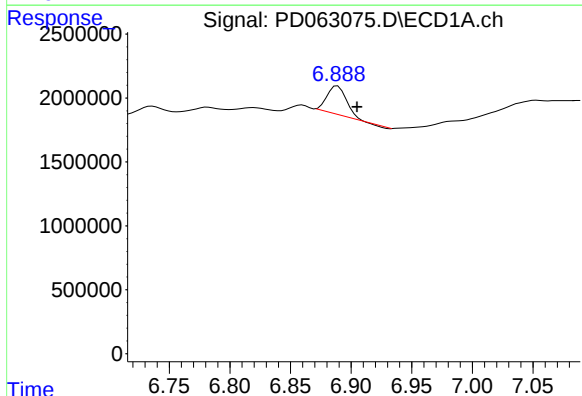
R.T.: 6.643 min  
Delta R.T.: -0.004 min  
Response: 896708  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



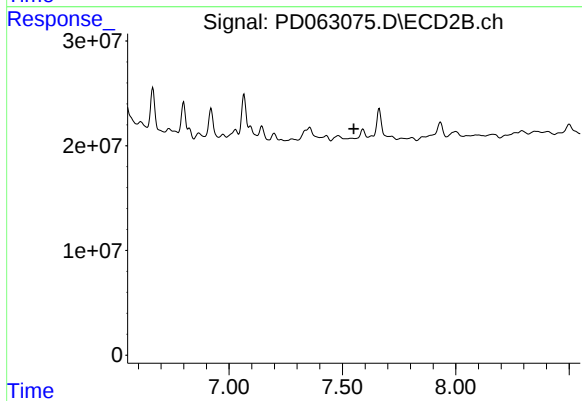
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: -0.028 min  
Response: 4218804  
Conc: 0.34 ng/ml



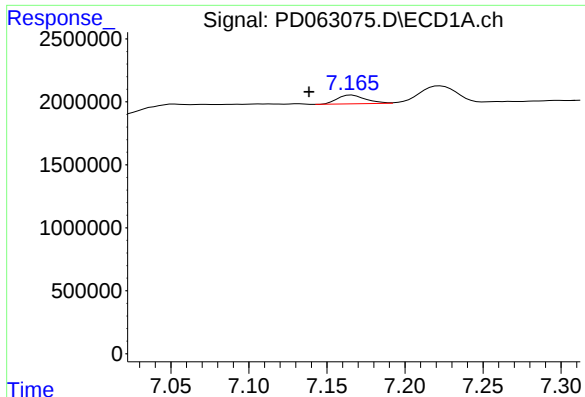
#20 Methoxychlor

R.T.: 6.889 min  
Delta R.T.: -0.016 min  
Response: 2476877  
Conc: 3.69 ng/ml



#20 Methoxychlor

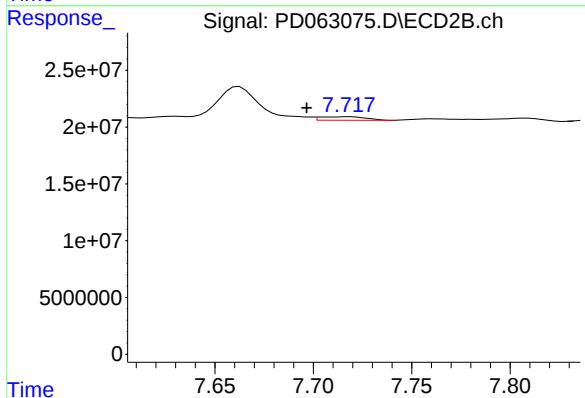
R.T.: 0.000 min  
Exp R.T.: 7.550 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

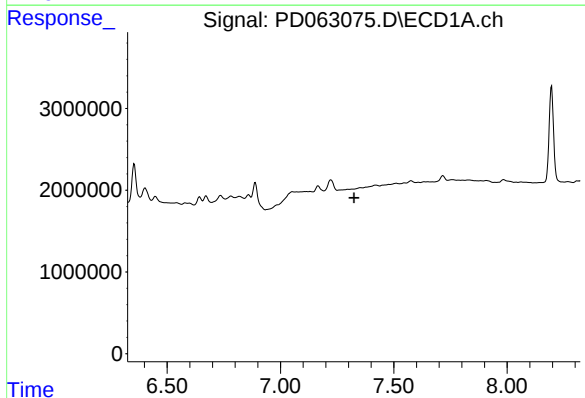
R.T.: 7.166 min  
Delta R.T.: 0.027 min  
Response: 878256  
Conc: 0.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



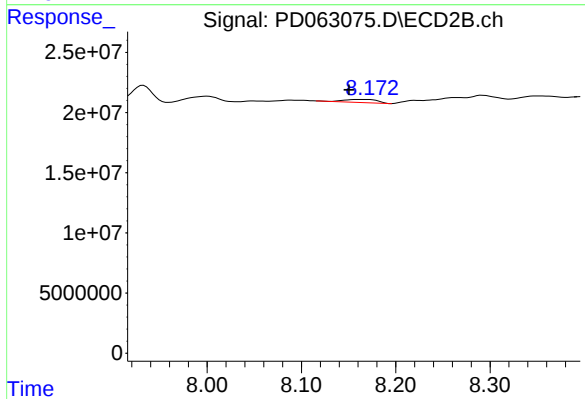
#21 Endrin ketone

R.T.: 7.718 min  
Delta R.T.: 0.021 min  
Response: 4966548  
Conc: 0.41 ng/ml



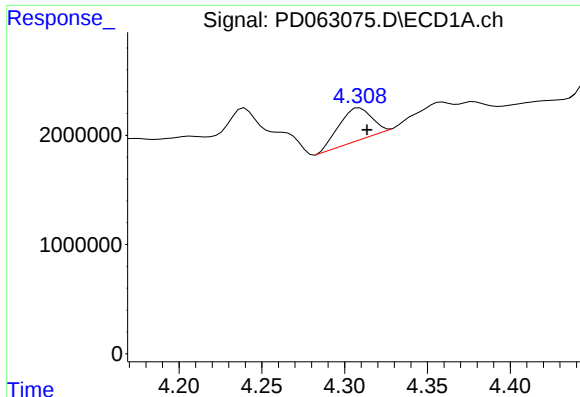
#22 Mirex

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



#22 Mirex

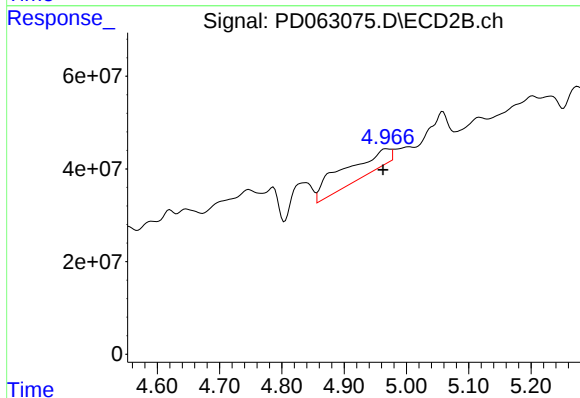
R.T.: 8.161 min  
Delta R.T.: 0.010 min  
Response: 6426992  
Conc: 0.85 ng/ml



#23 Chlordane-1

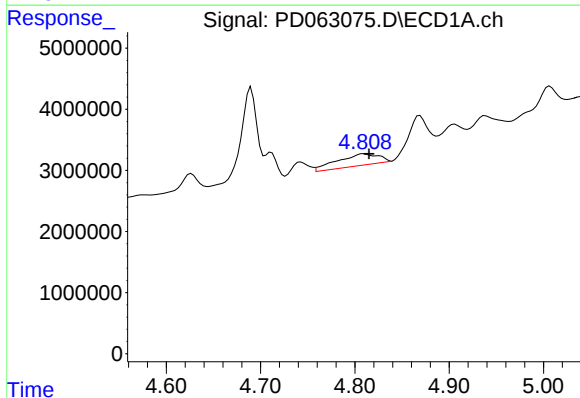
R.T.: 4.309 min  
Delta R.T.: -0.005 min  
Response: 4031922  
Conc: 110.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



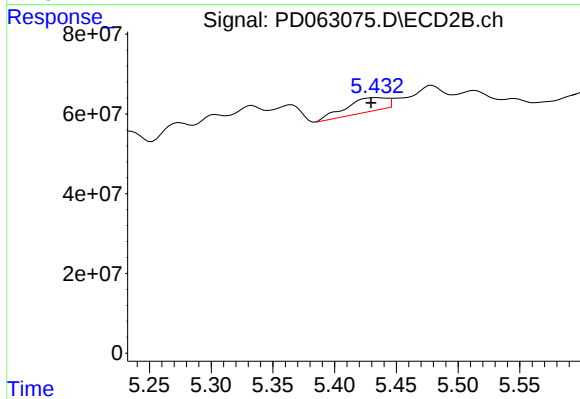
#23 Chlordane-1

R.T.: 4.968 min  
Delta R.T.: 0.005 min  
Response: 247149905  
Conc: 369.28 ng/ml



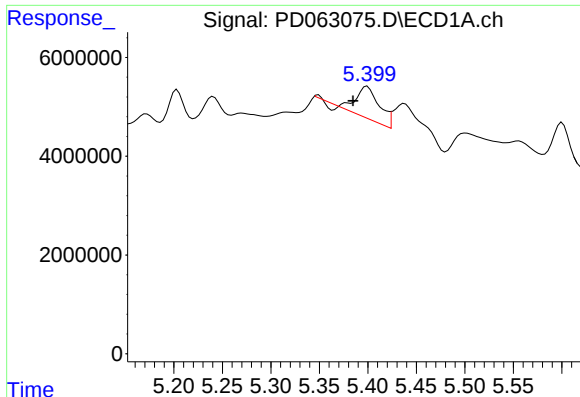
#24 Chlordane-2

R.T.: 4.809 min  
Delta R.T.: -0.006 min  
Response: 5717381  
Conc: 124.37 ng/ml



#24 Chlordane-2

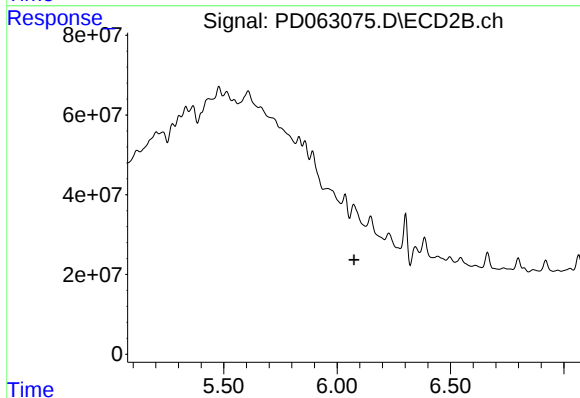
R.T.: 5.434 min  
Delta R.T.: 0.004 min  
Response: 79245938  
Conc: 162.59 ng/ml



#25 Chlordane-3

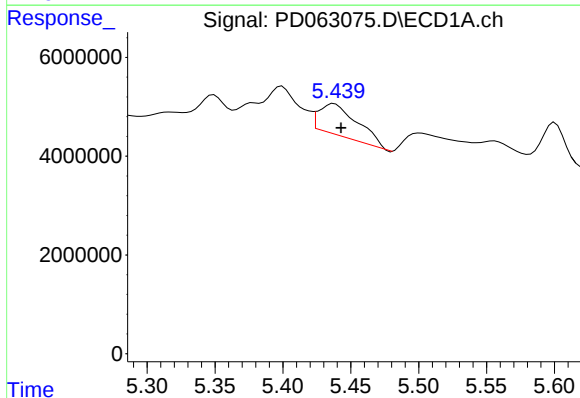
R.T.: 5.399 min  
Delta R.T.: 0.015 min  
Response: 10713588  
Conc: 74.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



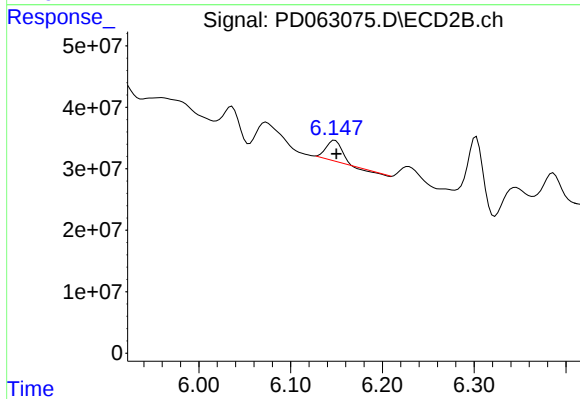
#25 Chlordane-3

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: -32822546  
Conc: N.D.



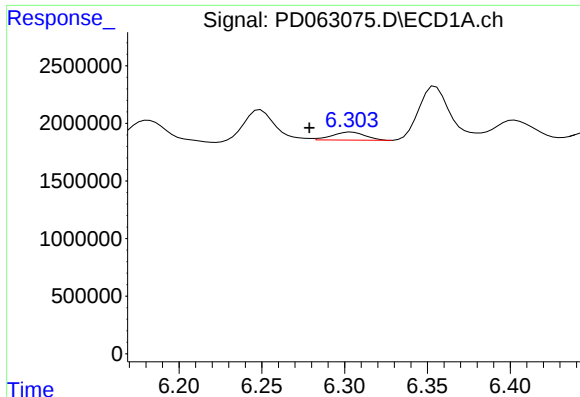
#26 Chlordane-4

R.T.: 5.438 min  
Delta R.T.: -0.005 min  
Response: 12560675  
Conc: 106.45 ng/ml



#26 Chlordane-4

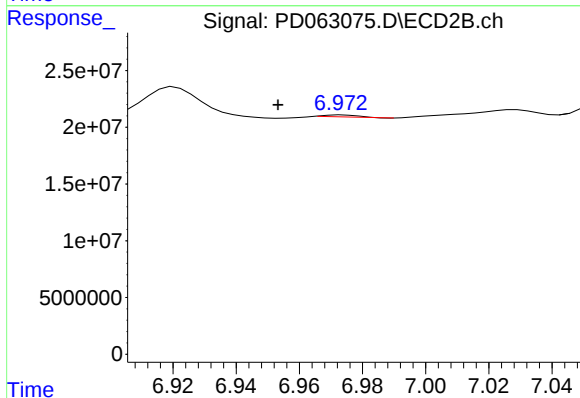
R.T.: 6.148 min  
Delta R.T.: -0.001 min  
Response: 38263815  
Conc: 16.27 ng/ml



#27 Chlordane-5

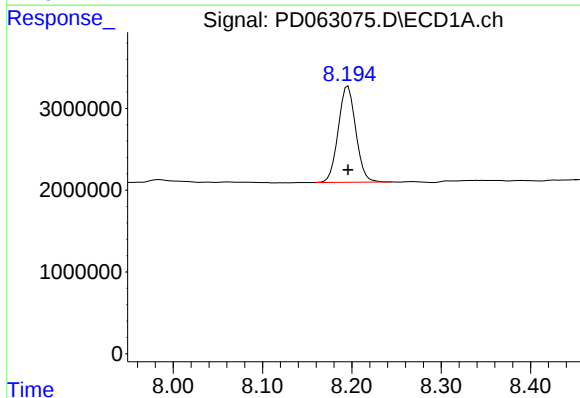
R.T.: 6.304 min  
Delta R.T.: 0.025 min  
Response: 955702  
Conc: 20.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-2A



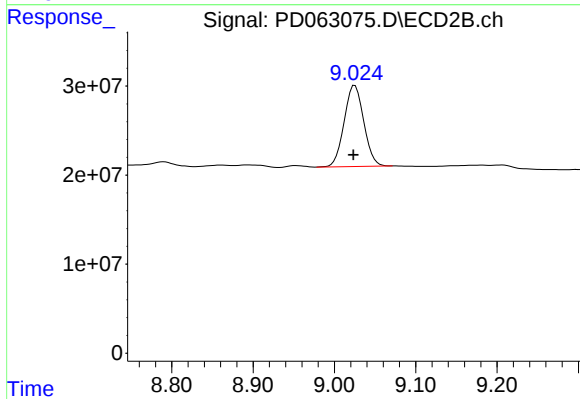
#27 Chlordane-5

R.T.: 6.974 min  
Delta R.T.: 0.021 min  
Response: 1303207  
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: 0.000 min  
Response: 15993530  
Conc: 12.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 152650772  
Conc: 14.96 ng/ml