

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060721\  
 Data File : PD063589.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2021 02:04  
 Operator : AR\AJ  
 Sample : M2589-06RE  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 18-B8(4-6)RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 04:26:39 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  | 3.970  | 14847671 | 125.3E6  | 10.730 | 9.350    |
| 28)                         | SA Decachlor... | 8.194  | 9.025  | 19443054 | 178.1E6  | 12.363 | 12.890   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.891f | 4.382f | 41861    | 3714887  | 0.020  | 0.180 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.645  | 0        | 8288047  | N.D.   | 0.437 #  |
| 4)                          | MA Heptachlor   | 4.467  | 5.173f | 1603184  | -2108657 | 0.826  | N.D. #   |
| 5)                          | MB Aldrin       | 4.710  | 5.449  | 1404939  | 15150388 | 0.743  | 0.779    |
| 6)                          | B beta-BHC      | 4.427f | 4.838f | 3019496  | 23424294 | 3.471  | 2.975    |
| 8)                          | B Heptachlo...  | 5.149  | 5.832  | 5208954  | 16765620 | 2.973  | 0.917 #  |
| 9)                          | A Endosulfan I  | 5.518f | 6.185  | 1229231  | 20603005 | 0.746  | 1.209 #  |
| 10)                         | B gamma-Chl...  | 5.368  | 6.074  | 9053062  | 40317984 | 5.069  | 2.170 #  |
| 11)                         | B alpha-Chl...  | 5.435  | 6.147  | 5514650  | 67735513 | 3.119  | 3.810    |
| 12)                         | B 4,4'-DDE      | 5.598  | 6.302  | 7774845  | 85536602 | 4.472  | 4.707    |
| 13)                         | MA Dieldrin     | 5.725  | 6.435f | 4276290  | 41685399 | 2.435  | 2.303    |
| 14)                         | MA Endrin       | 5.987  | 6.663  | -325049  | 12960208 | N.D.   | 0.843    |
| 15)                         | B Endosulfa...  | 6.250  | 6.865f | 680182   | 3527194  | 0.485  | 0.239 #  |
| 16)                         | A 4,4'-DDD      | 6.100  | 6.798  | 893074   | 33099311 | 0.616  | 2.225 #  |
| 17)                         | MA 4,4'-DDT     | 6.353  | 7.064f | 3528790  | 21165348 | 2.443  | 1.406 #  |
| 18)                         | B Endrin al...  | 6.448f | 7.027f | 1541358  | 4759849  | 1.295  | 0.393 #  |
| 19)                         | B Endosulfa...  | 6.664f | 7.218  | 11223259 | 16248627 | 8.782  | 1.071 #  |
| 20)                         | A Methoxychlor  | 6.914  | 7.532f | 2085047  | 336083   | 2.614  | 0.045 #  |
| 21)                         | B Endrin ke...  | 7.167f | 0.000  | 2514984  | 0        | 1.418  | N.D. #   |
| 23)                         | Chlordane-1     | 4.306  | 4.963  | 4105365  | 19007444 | 84.570 | 32.860 # |
| 24)                         | Chlordane-2     | 0.000  | 5.427  | 0        | 10795436 | N.D.   | 19.296 # |
| 25)                         | Chlordane-3     | 5.368  | 6.074  | 9053062  | 40317984 | 53.226 | 16.319 # |
| 26)                         | Chlordane-4     | 5.435  | 6.147  | 5514650  | 67735513 | 39.565 | 23.698 # |
| 27)                         | Chlordane-5     | 6.250f | 6.973f | 680182   | 1036097  | 12.287 | 1.983 #  |
| -----                       |                 |        |        |          |          |        |          |

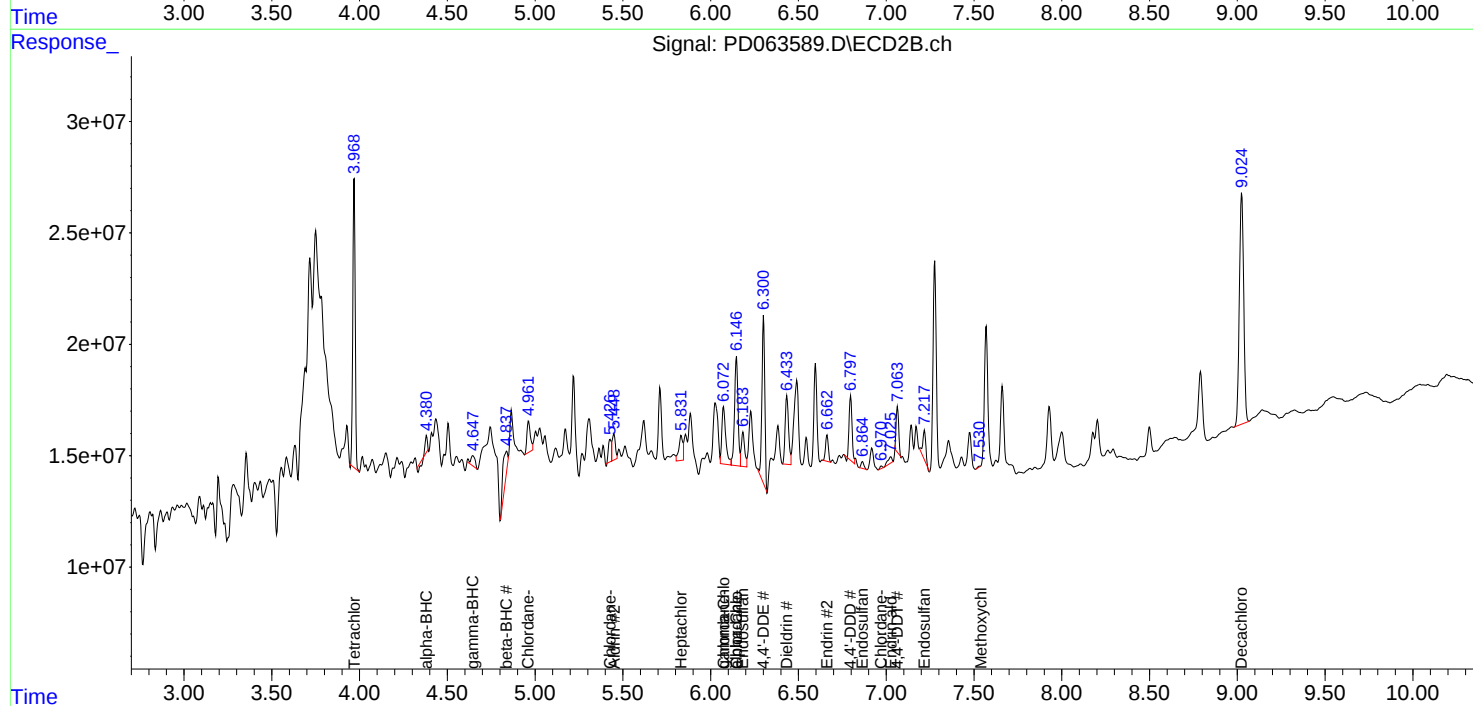
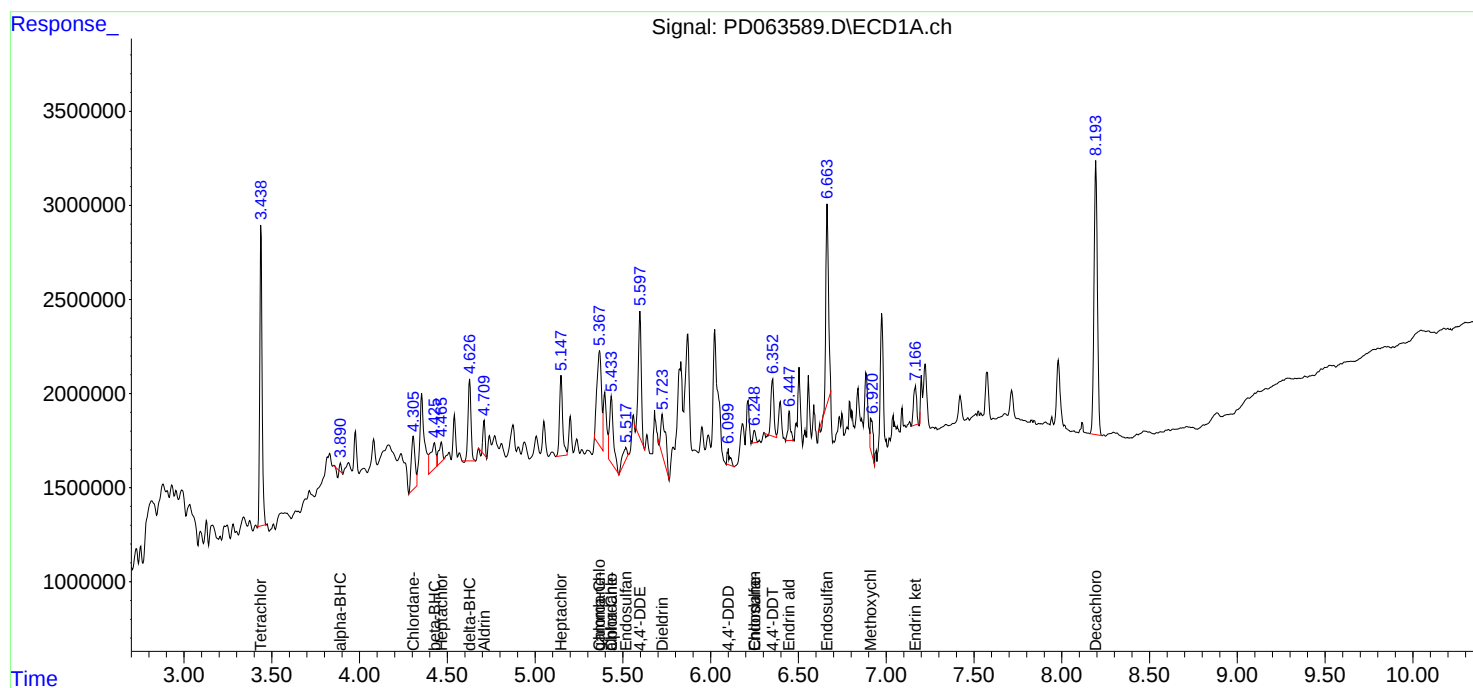
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

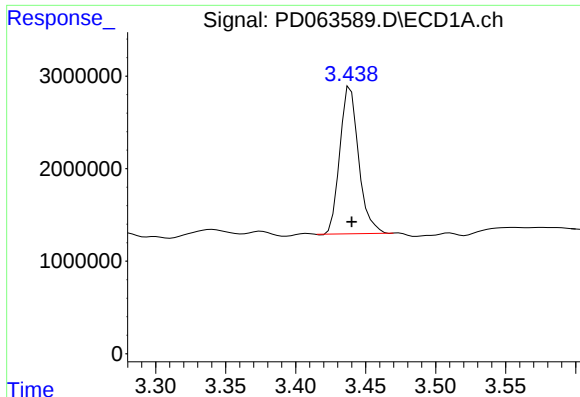
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060721\  
Data File : PD063589.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jun 2021 02:04  
Operator : AR\AJ  
Sample : M2589-06RE  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 04:26:39 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

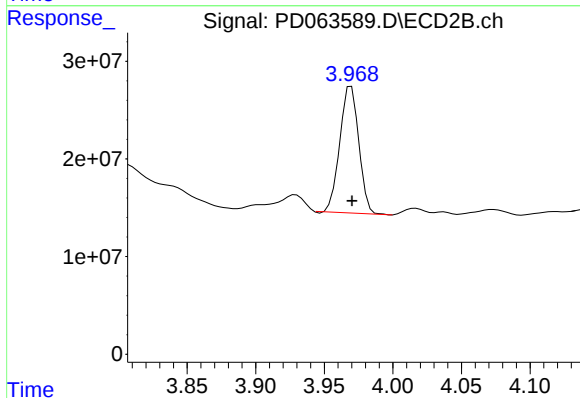




#1 Tetrachloro-m-xylene

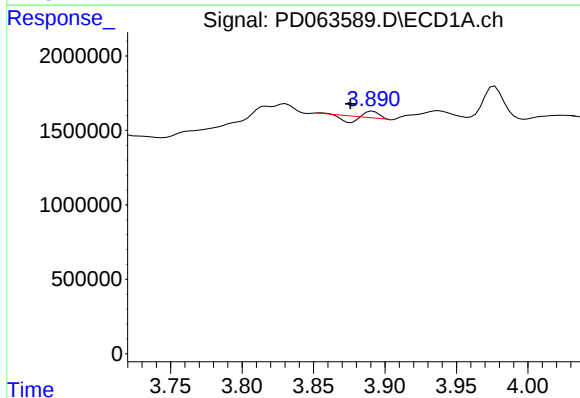
R.T.: 3.439 min  
Delta R.T.: 0.000 min  
Response: 14847671  
Conc: 10.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



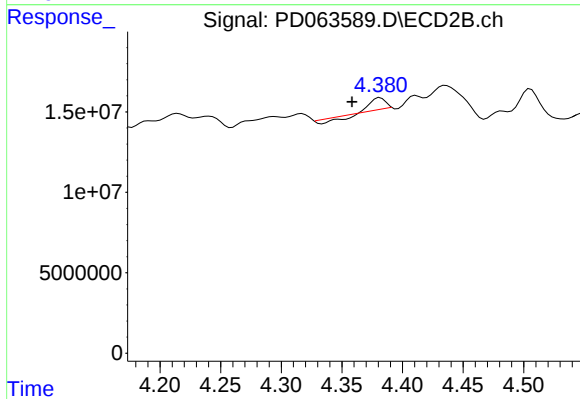
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 125280023  
Conc: 9.35 ng/ml



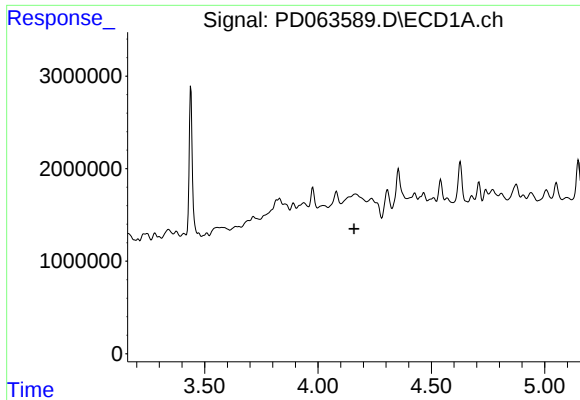
#2 alpha-BHC

R.T.: 3.891 min  
Delta R.T.: 0.016 min  
Response: 41861  
Conc: 0.02 ng/ml



#2 alpha-BHC

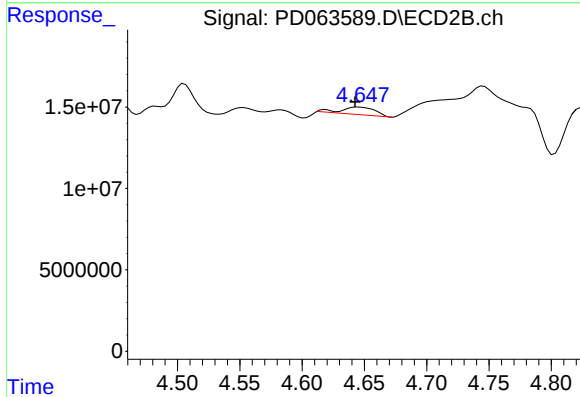
R.T.: 4.382 min  
Delta R.T.: 0.023 min  
Response: 3714887  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

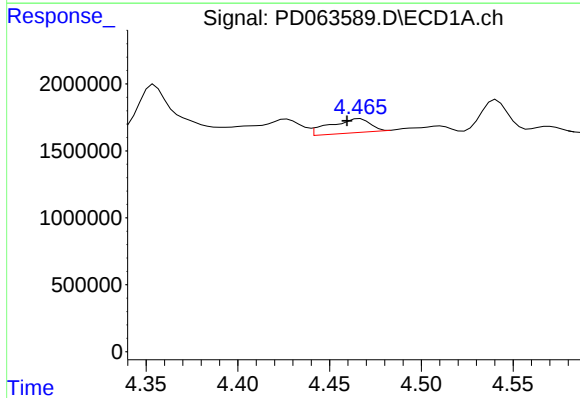
R.T.: 0.000 min  
Exp R.T.: 4.159 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



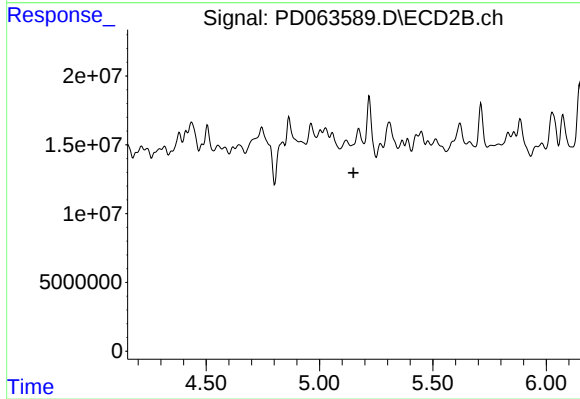
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: 0.003 min  
Response: 8288047  
Conc: 0.44 ng/ml



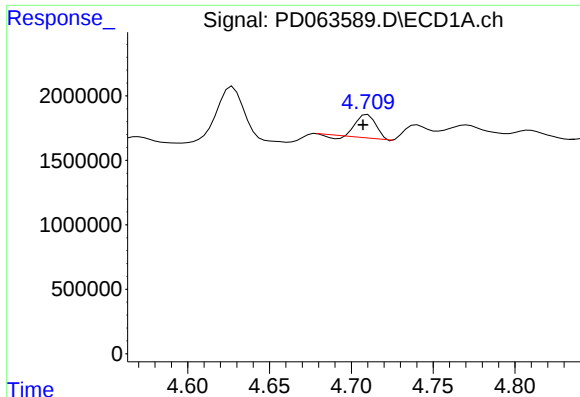
#4 Heptachlor

R.T.: 4.467 min  
Delta R.T.: 0.007 min  
Response: 1603184  
Conc: 0.83 ng/ml



#4 Heptachlor

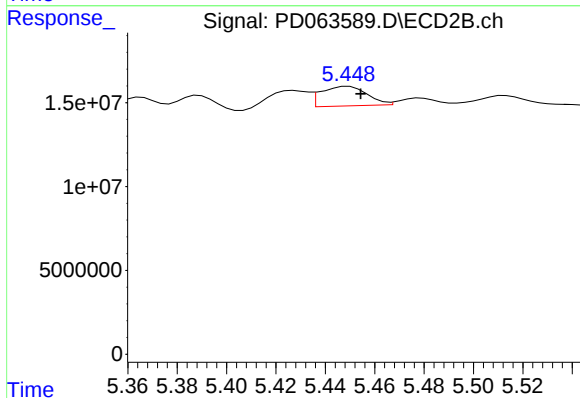
R.T.: 5.173 min  
Delta R.T.: 0.023 min  
Response: -2108657  
Conc: N.D.



#5 Aldrin

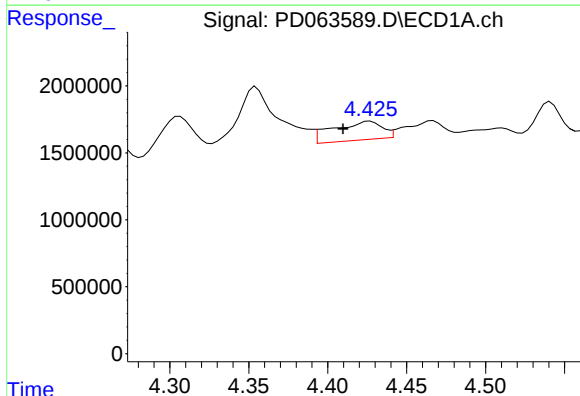
R.T.: 4.710 min  
Delta R.T.: 0.003 min  
Response: 1404939  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



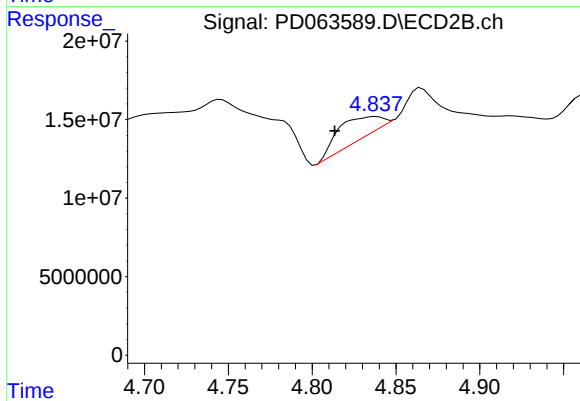
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: -0.005 min  
Response: 15150388  
Conc: 0.78 ng/ml



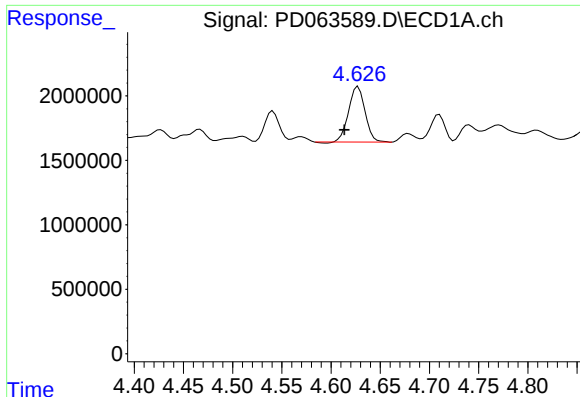
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: 0.017 min  
Response: 3019496  
Conc: 3.47 ng/ml



#6 beta-BHC

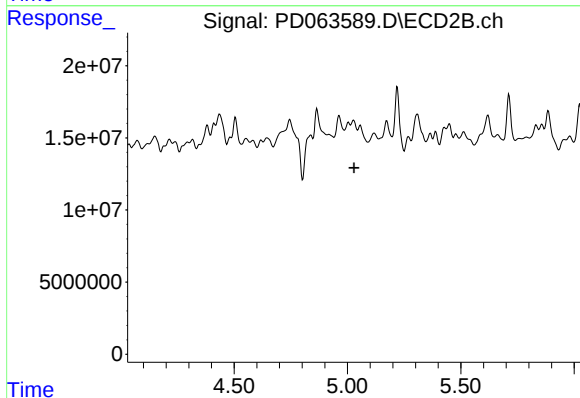
R.T.: 4.838 min  
Delta R.T.: 0.025 min  
Response: 23424294  
Conc: 2.98 ng/ml



#7 delta-BHC

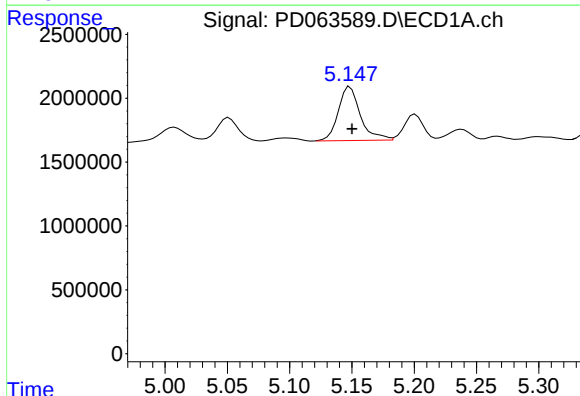
R.T.: 4.628 min  
Delta R.T.: 0.014 min  
Response: 4972586  
Conc: 2.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



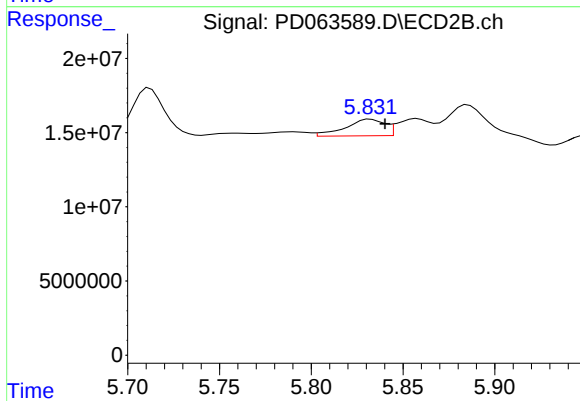
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: -0.003 min  
Response: 9200299  
Conc: N.D.



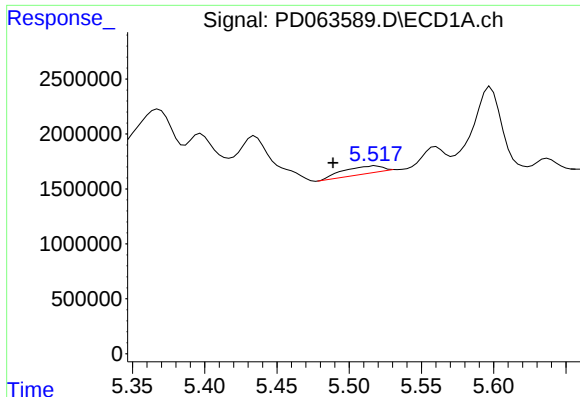
#8 Heptachlor epoxide

R.T.: 5.149 min  
Delta R.T.: -0.002 min  
Response: 5208954  
Conc: 2.97 ng/ml



#8 Heptachlor epoxide

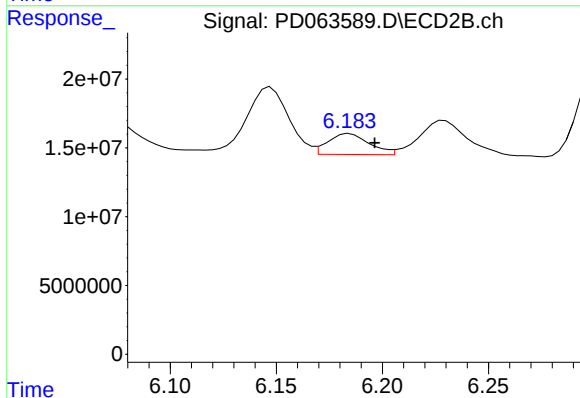
R.T.: 5.832 min  
Delta R.T.: -0.008 min  
Response: 16765620  
Conc: 0.92 ng/ml



#9 Endosulfan I

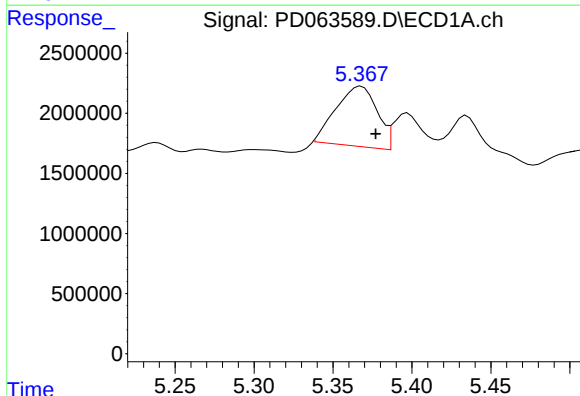
R.T.: 5.518 min  
Delta R.T.: 0.029 min  
Response: 1229231  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



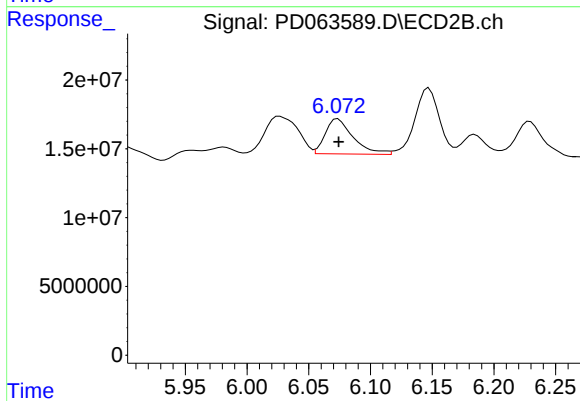
#9 Endosulfan I

R.T.: 6.185 min  
Delta R.T.: -0.012 min  
Response: 20603005  
Conc: 1.21 ng/ml



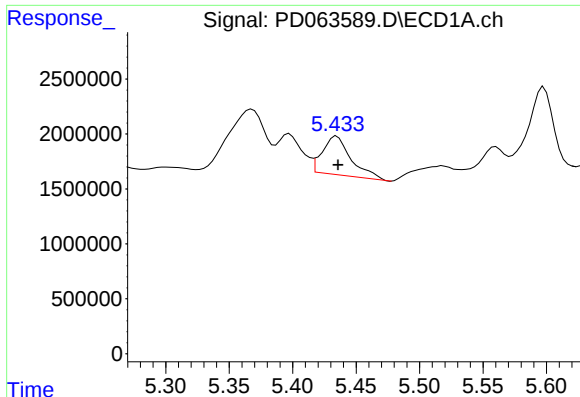
#10 gamma-Chlordane

R.T.: 5.368 min  
Delta R.T.: -0.009 min  
Response: 9053062  
Conc: 5.07 ng/ml



#10 gamma-Chlordane

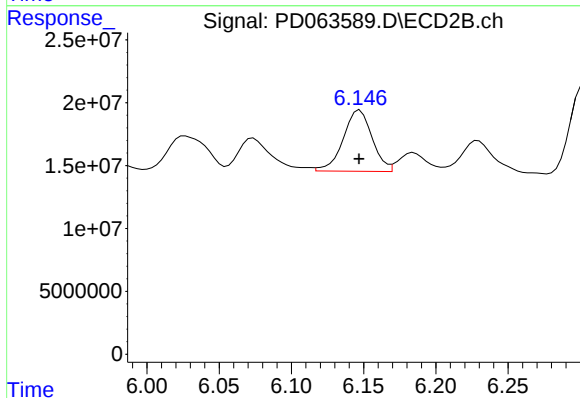
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 40317984  
Conc: 2.17 ng/ml



#11 alpha-Chlordane

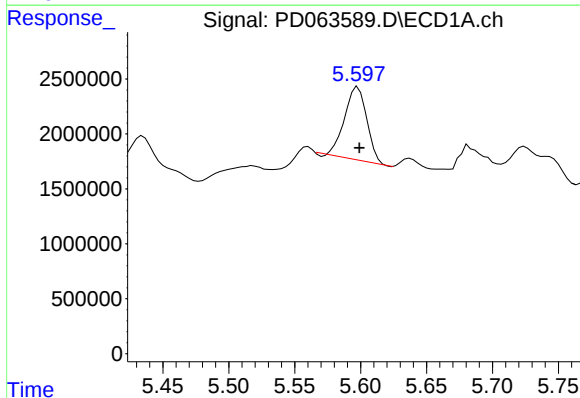
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 5514650  
Conc: 3.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



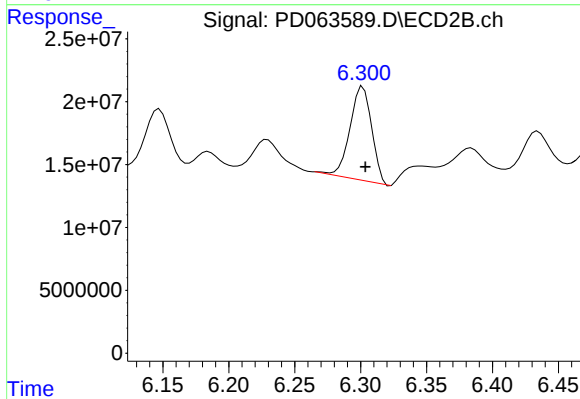
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 67735513  
Conc: 3.81 ng/ml



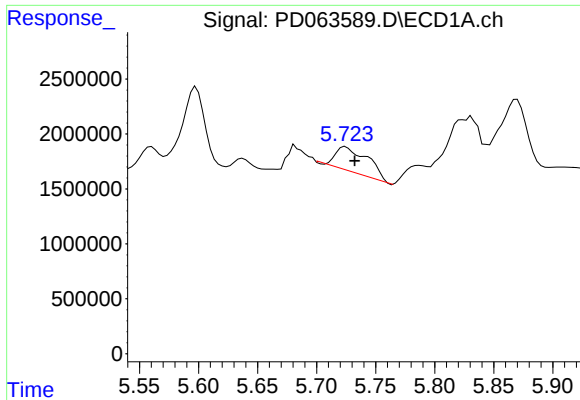
#12 4,4'-DDE

R.T.: 5.598 min  
Delta R.T.: -0.001 min  
Response: 7774845  
Conc: 4.47 ng/ml



#12 4,4'-DDE

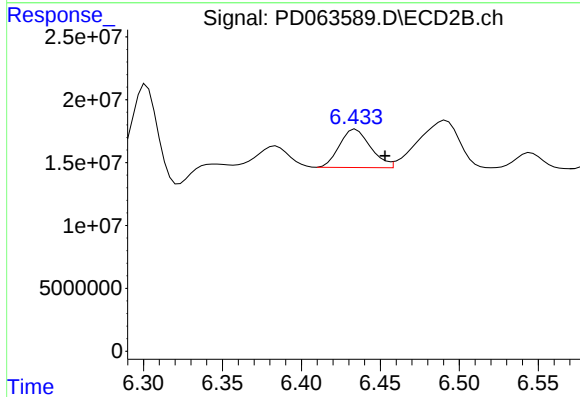
R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 85536602  
Conc: 4.71 ng/ml



#13 Dieldrin

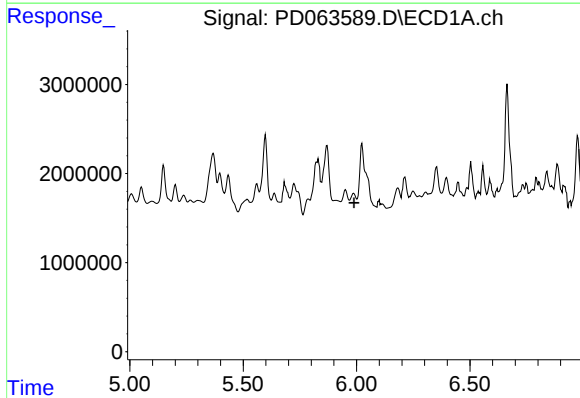
R.T.: 5.725 min  
Delta R.T.: -0.008 min  
Response: 4276290  
Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



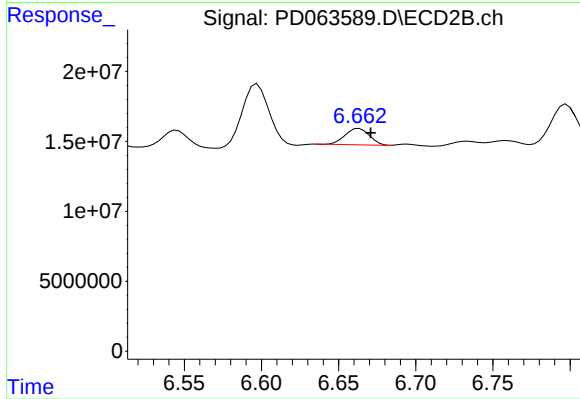
#13 Dieldrin

R.T.: 6.435 min  
Delta R.T.: -0.018 min  
Response: 41685399  
Conc: 2.30 ng/ml



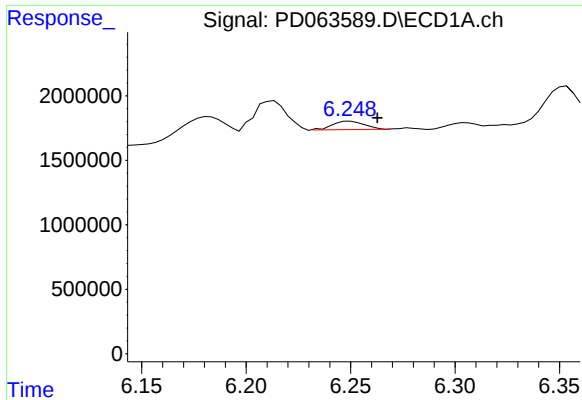
#14 Endrin

R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: -325049  
Conc: N.D.



#14 Endrin

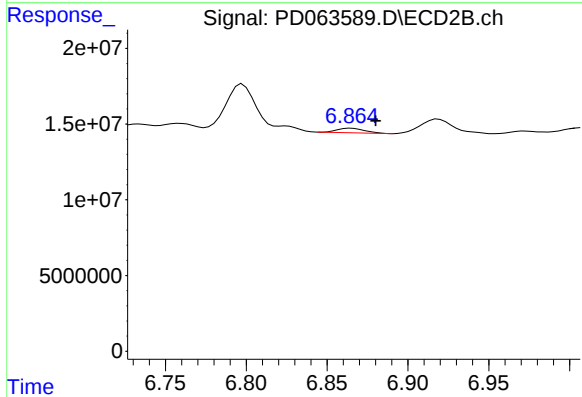
R.T.: 6.663 min  
Delta R.T.: -0.007 min  
Response: 12960208  
Conc: 0.84 ng/ml



#15 Endosulfan II

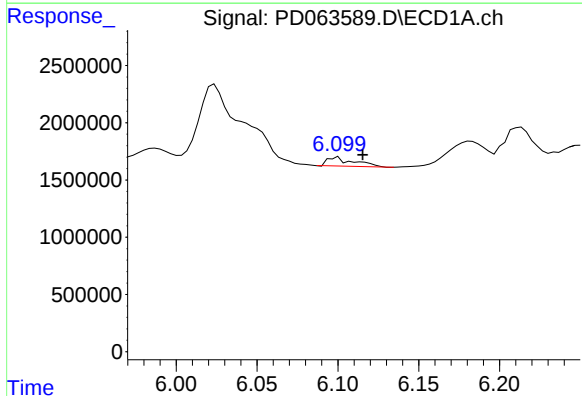
R.T.: 6.250 min  
Delta R.T.: -0.013 min  
Response: 680182  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



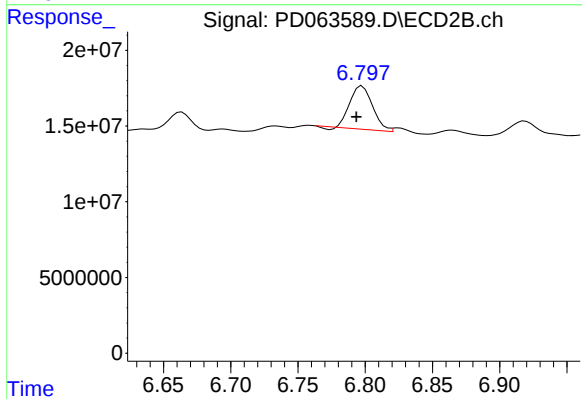
#15 Endosulfan II

R.T.: 6.865 min  
Delta R.T.: -0.015 min  
Response: 3527194  
Conc: 0.24 ng/ml



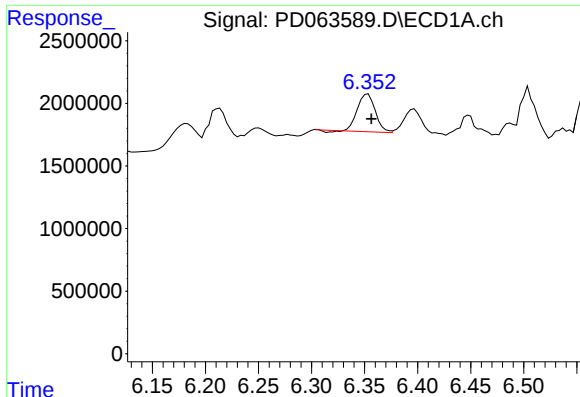
#16 4,4'-DDD

R.T.: 6.100 min  
Delta R.T.: -0.015 min  
Response: 893074  
Conc: 0.62 ng/ml



#16 4,4'-DDD

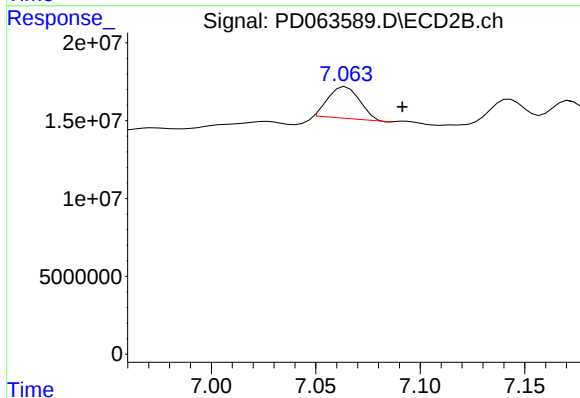
R.T.: 6.798 min  
Delta R.T.: 0.004 min  
Response: 33099311  
Conc: 2.22 ng/ml



#17 4,4'-DDT

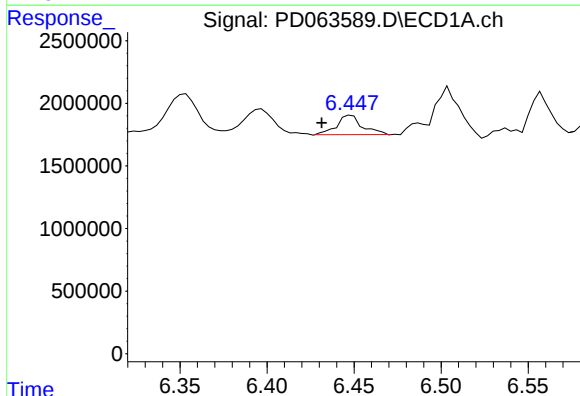
R.T.: 6.353 min  
Delta R.T.: -0.003 min  
Response: 3528790  
Conc: 2.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



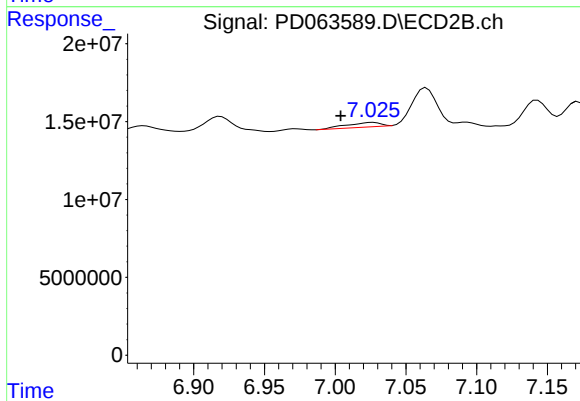
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: -0.027 min  
Response: 21165348  
Conc: 1.41 ng/ml



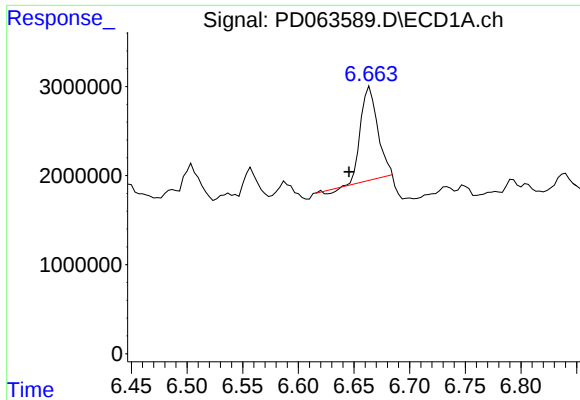
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.017 min  
Response: 1541358  
Conc: 1.30 ng/ml



#18 Endrin aldehyde

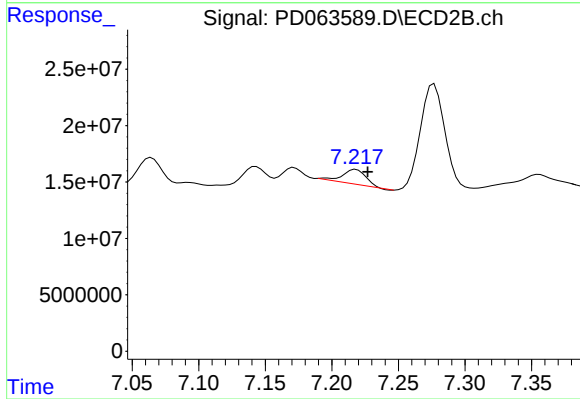
R.T.: 7.027 min  
Delta R.T.: 0.023 min  
Response: 4759849  
Conc: 0.39 ng/ml



#19 Endosulfan Sulfate

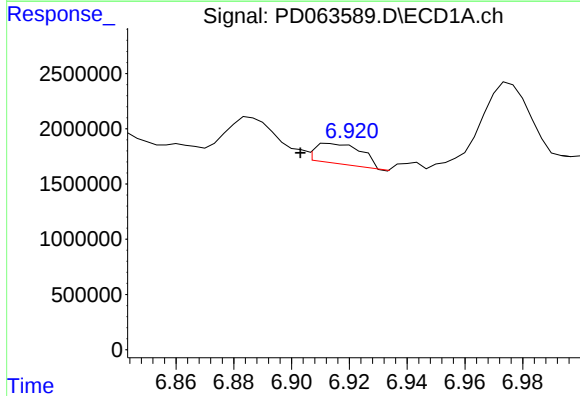
R.T.: 6.664 min  
Delta R.T.: 0.019 min  
Response: 11223259  
Conc: 8.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



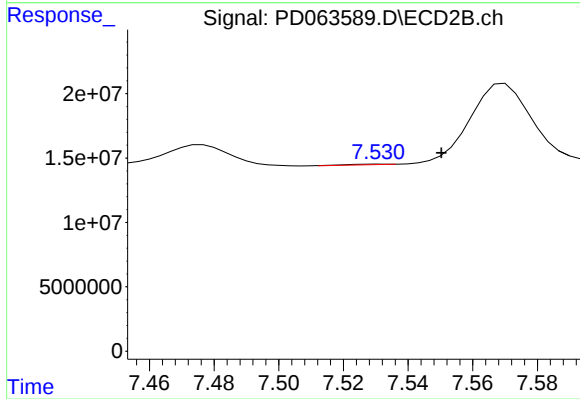
#19 Endosulfan Sulfate

R.T.: 7.218 min  
Delta R.T.: -0.009 min  
Response: 16248627  
Conc: 1.07 ng/ml



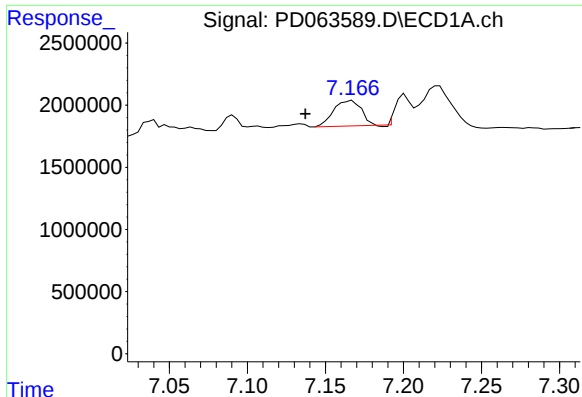
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: 0.011 min  
Response: 2085047  
Conc: 2.61 ng/ml



#20 Methoxychlor

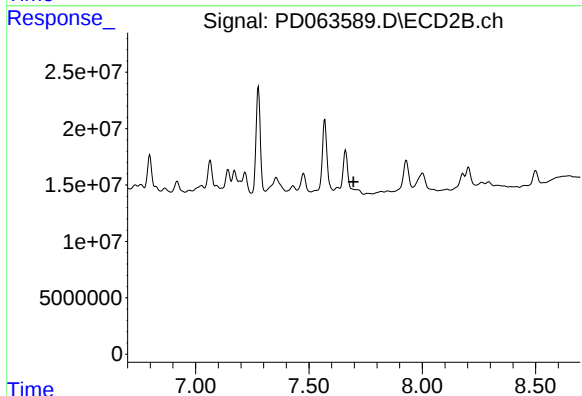
R.T.: 7.532 min  
Delta R.T.: -0.018 min  
Response: 336083  
Conc: 0.05 ng/ml



#21 Endrin ketone

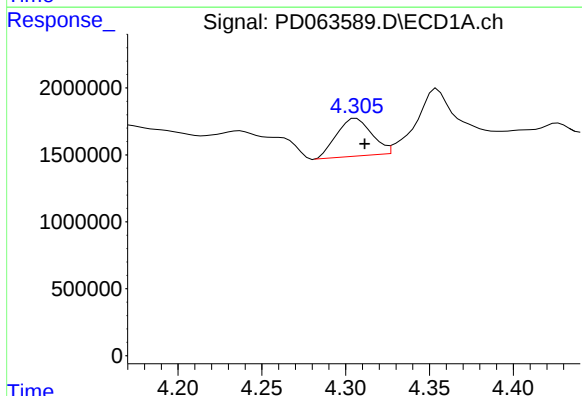
R.T.: 7.167 min  
Delta R.T.: 0.030 min  
Response: 2514984  
Conc: 1.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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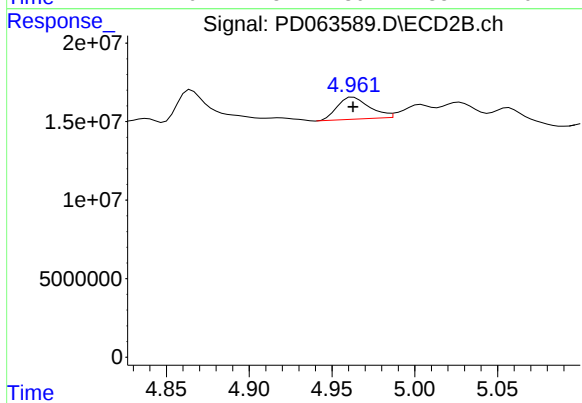
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.697 min  
Response: 0  
Conc: N.D.



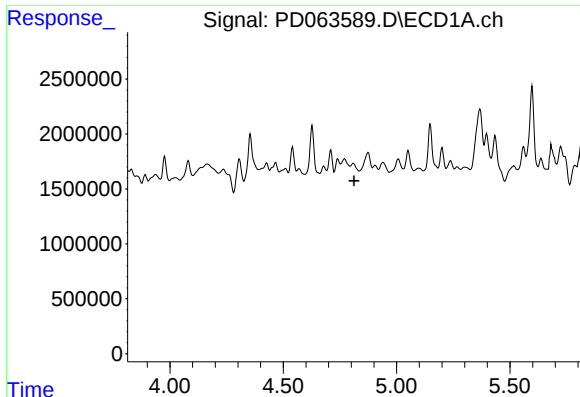
#23 Chlordane-1

R.T.: 4.306 min  
Delta R.T.: -0.005 min  
Response: 4105365  
Conc: 84.57 ng/ml



#23 Chlordane-1

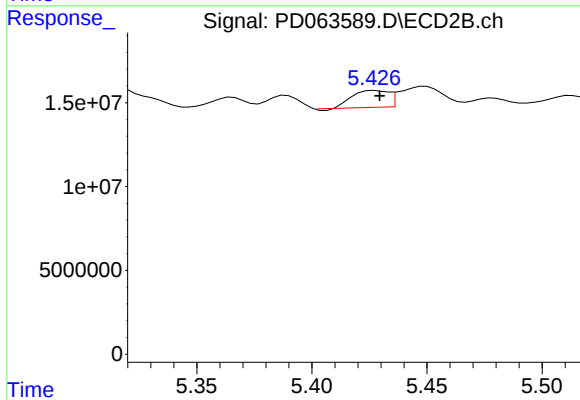
R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 19007444  
Conc: 32.86 ng/ml



#24 Chlordane-2

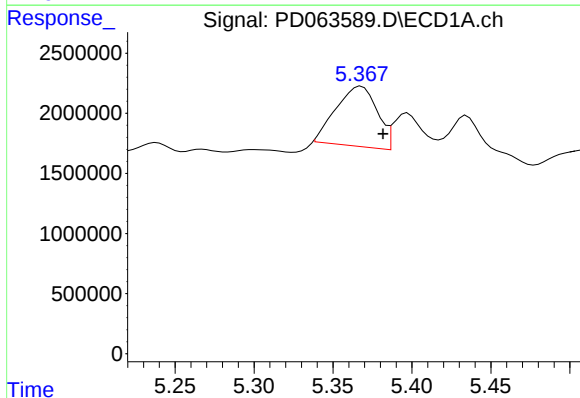
R.T.: 0.000 min  
Exp R.T.: 4.813 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



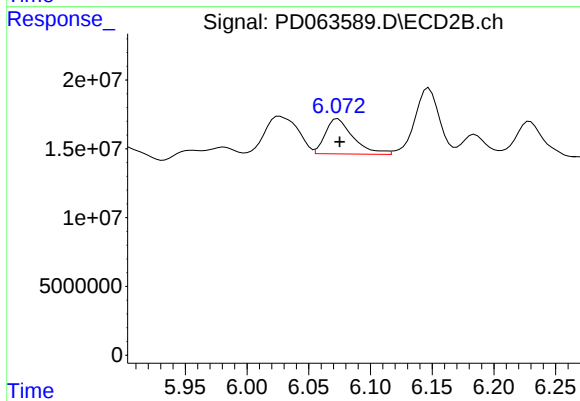
#24 Chlordane-2

R.T.: 5.427 min  
Delta R.T.: -0.002 min  
Response: 10795436  
Conc: 19.30 ng/ml



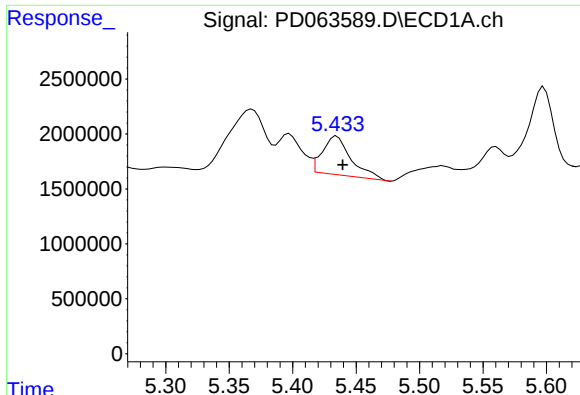
#25 Chlordane-3

R.T.: 5.368 min  
Delta R.T.: -0.014 min  
Response: 9053062  
Conc: 53.23 ng/ml



#25 Chlordane-3

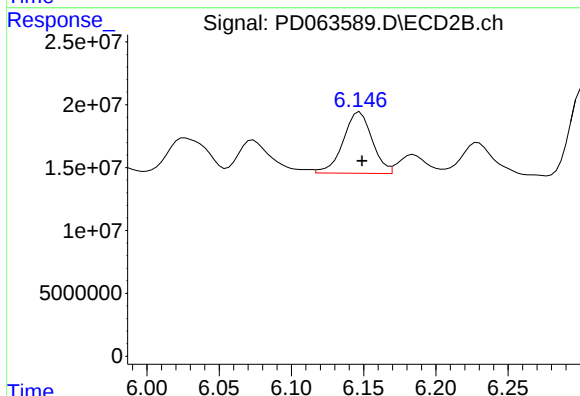
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 40317984  
Conc: 16.32 ng/ml



#26 Chlordane-4

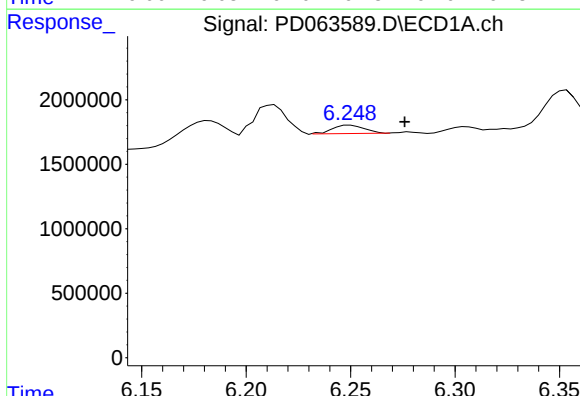
R.T.: 5.435 min  
Delta R.T.: -0.005 min  
Response: 5514650  
Conc: 39.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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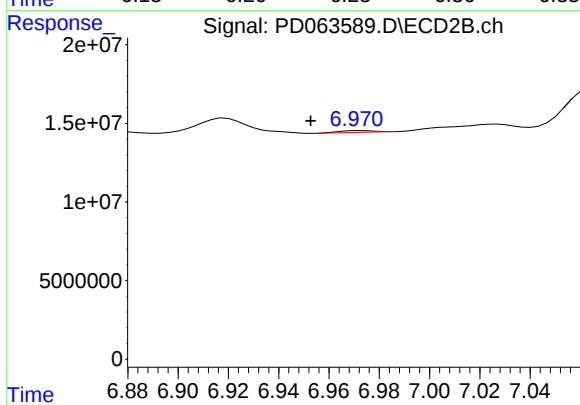
#26 Chlordane-4

R.T.: 6.147 min  
Delta R.T.: -0.002 min  
Response: 67735513  
Conc: 23.70 ng/ml



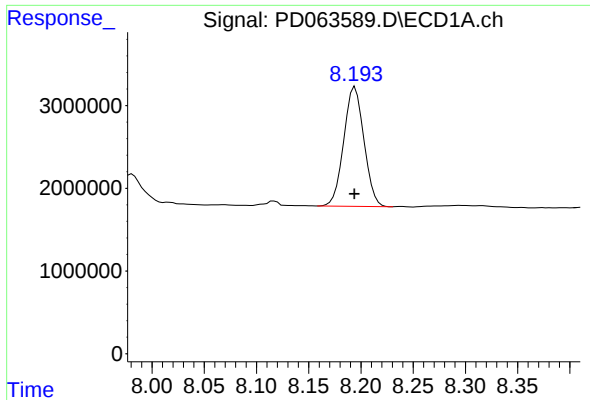
#27 Chlordane-5

R.T.: 6.250 min  
Delta R.T.: -0.026 min  
Response: 680182  
Conc: 12.29 ng/ml



#27 Chlordane-5

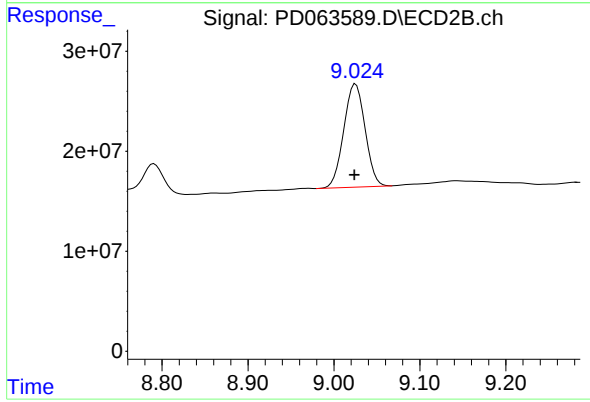
R.T.: 6.973 min  
Delta R.T.: 0.020 min  
Response: 1036097  
Conc: 1.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.000 min  
Response: 19443054  
Conc: 12.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B8(4-6)RE



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 178116390  
Conc: 12.89 ng/ml