

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060721\  
 Data File : PD063585.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jun 2021 01:08  
 Operator : AR\AJ  
 Sample : M2589-01RE  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 18-B7(0-2)RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 04:25:36 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  | 18070692 | 158.0E6   | 13.059  | 11.792    |
| 28)                         | SA Decachlor... | 8.194  | 9.024  | 20508489 | 192.4E6   | 13.040  | 13.924    |
| Target Compounds            |                 |        |        |          |           |         |           |
| 3)                          | MA gamma-BHC... | 4.156  | 4.643  | 974052   | 33672405  | 0.496   | 1.775 #   |
| 4)                          | MA Heptachlor   | 4.465  | 5.172f | 7127936  | -13782726 | 3.671   | N.D. #    |
| 5)                          | MB Aldrin       | 4.708  | 5.478f | 461209   | 28151176  | 0.244   | 1.448 #   |
| 6)                          | B beta-BHC      | 4.409  | 4.833f | 2768681  | 88678451  | 3.183   | 11.263 #  |
| 7)                          | B delta-BHC     | 4.623  | 5.033  | 7897258  | 27923191  | 4.027   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.148  | 5.831  | 3607004  | 126.1E6   | 2.058   | 6.900 #   |
| 9)                          | A Endosulfan I  | 5.508f | 6.186  | 942360   | 57495022  | 0.572   | 3.374 #   |
| 10)                         | B gamma-Chl...  | 5.376  | 6.074  | 16280114 | 375.5E6   | 9.116   | 20.211 #  |
| 11)                         | B alpha-Chl...  | 5.434  | 6.148  | 30447397 | 556.9E6   | 17.219  | 31.326 #  |
| 12)                         | B 4,4'-DDE      | 5.598  | 6.300  | 39537027 | 382.9E6   | 22.739  | 21.069    |
| 13)                         | MA Dieldrin     | 5.725  | 6.448  | 21982513 | 40615722  | 12.516  | 2.244 #   |
| 14)                         | MA Endrin       | 5.992  | 6.664  | 2144993  | 86787025  | 1.349   | 5.646 #   |
| 15)                         | B Endosulfa...  | 6.248  | 6.869  | 6073112  | 30239451  | 4.332   | 2.051 #   |
| 16)                         | A 4,4'-DDD      | 6.114  | 6.796  | 9687280  | 224.9E6   | 6.680   | 15.115 #  |
| 17)                         | MA 4,4'-DDT     | 6.353  | 7.092  | 14070786 | 16574838  | 9.739   | 1.101 #   |
| 18)                         | B Endrin al...  | 6.446  | 7.005  | 2973350  | 20992861  | 2.499   | 1.733 #   |
| 19)                         | B Endosulfa...  | 6.641  | 7.225  | 5896887  | 9345147   | 4.614   | 0.616 #   |
| 20)                         | A Methoxychlor  | 6.887f | 0.000  | 9810173  | 0         | 12.300  | N.D. #    |
| 22)                         | Mirex           | 7.328  | 8.151  | -76754   | 4227973   | N.D.    | 0.423     |
| 23)                         | Chlordane-1     | 4.306  | 4.962  | 11921160 | 122.1E6   | 245.574 | 211.017   |
| 24)                         | Chlordane-2     | 4.807  | 5.427  | 12254543 | 137.4E6   | 210.118 | 245.585   |
| 25)                         | Chlordane-3     | 5.376  | 6.074  | 16280114 | 375.5E6   | 95.715  | 151.970 # |
| 26)                         | Chlordane-4     | 5.434  | 6.148  | 30447397 | 556.9E6   | 218.446 | 194.842   |
| 27)                         | Chlordane-5     | 6.248f | 6.973f | 6073112  | 14323058  | 109.708 | 27.412 #  |
| -----                       |                 |        |        |          |           |         |           |

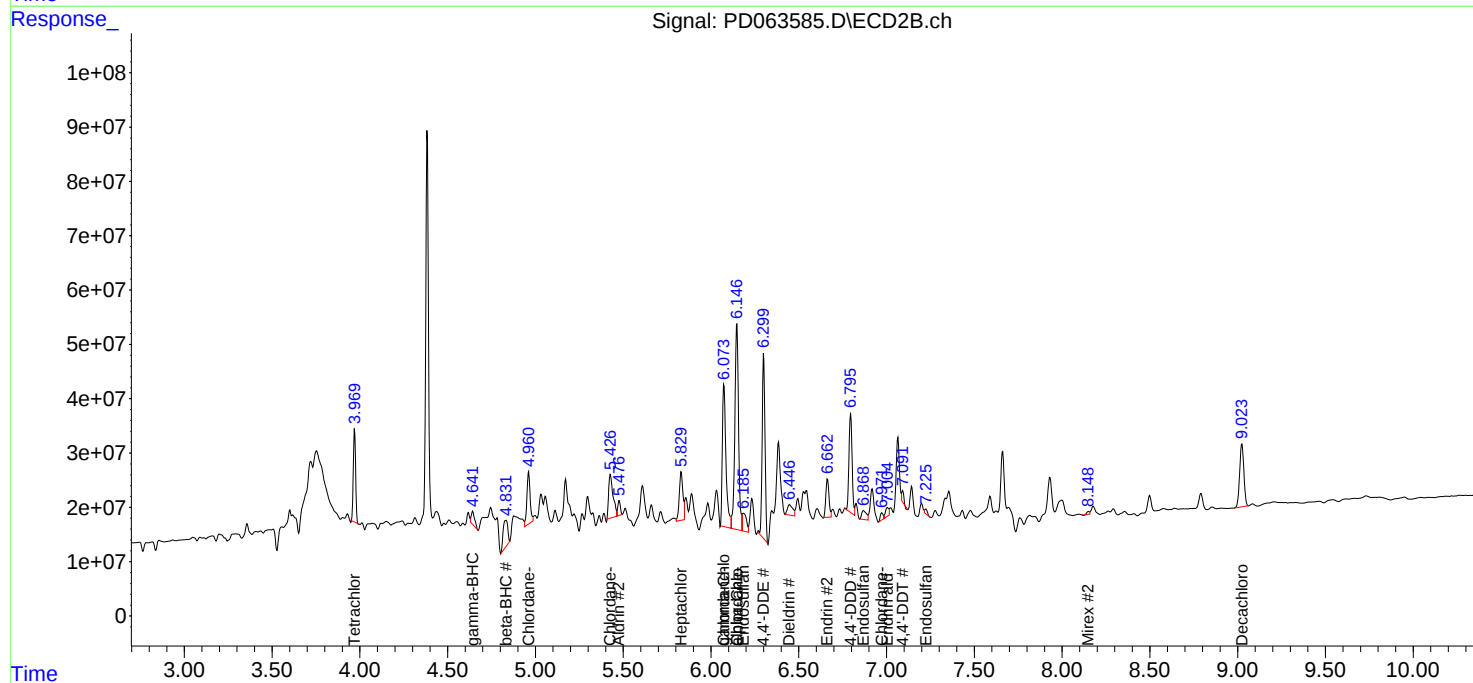
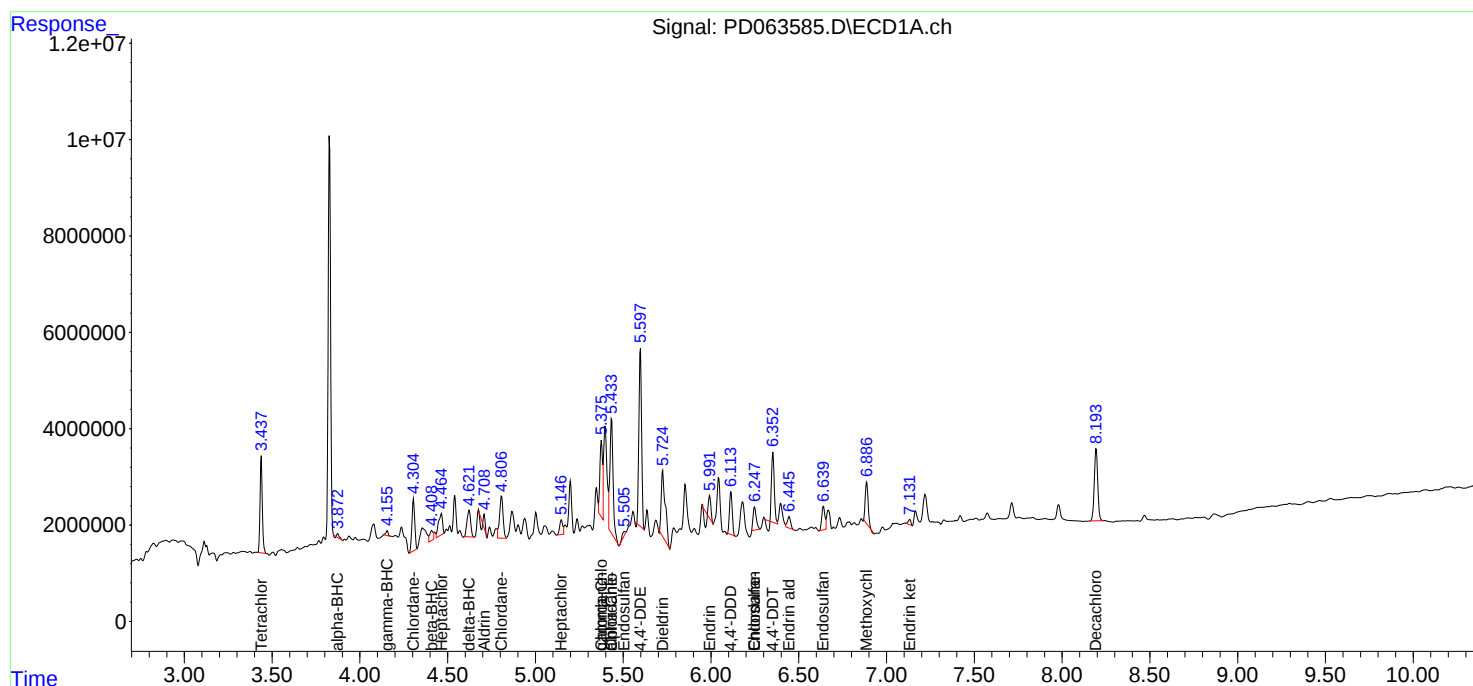
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

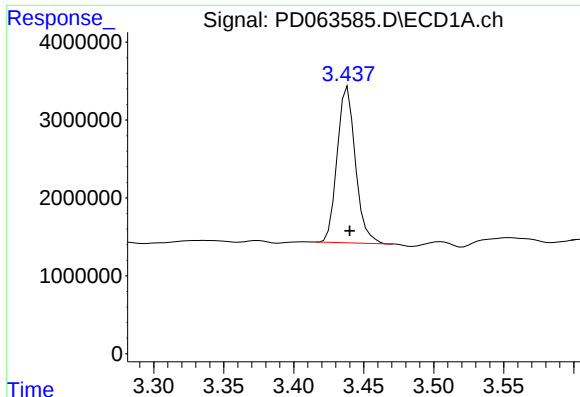
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060721\  
Data File : PD063585.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jun 2021 01:08  
Operator : AR\AJ  
Sample : M2589-01RE  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 04:25:36 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

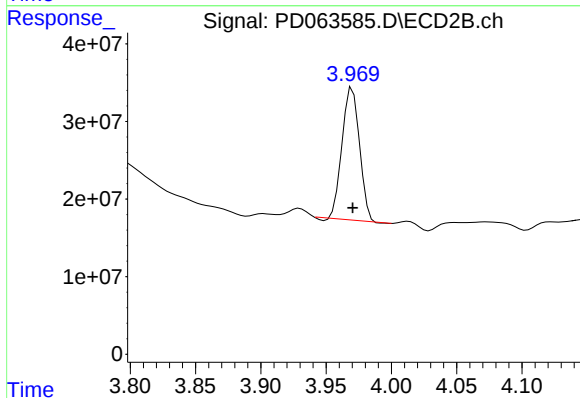




#1 Tetrachloro-m-xylene

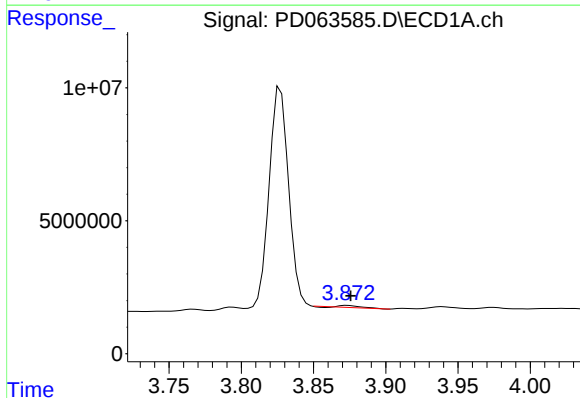
R.T.: 3.439 min  
Delta R.T.: -0.001 min  
Response: 18070692  
Conc: 13.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



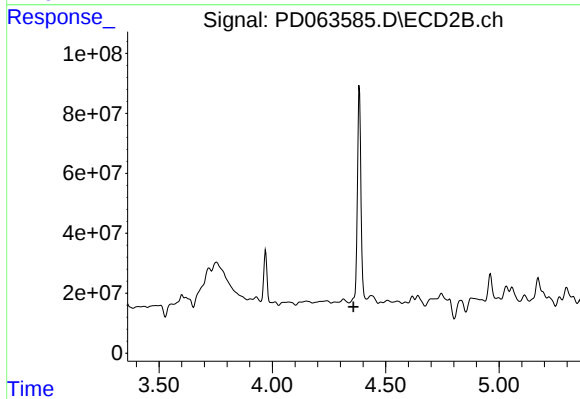
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 157993411  
Conc: 11.79 ng/ml



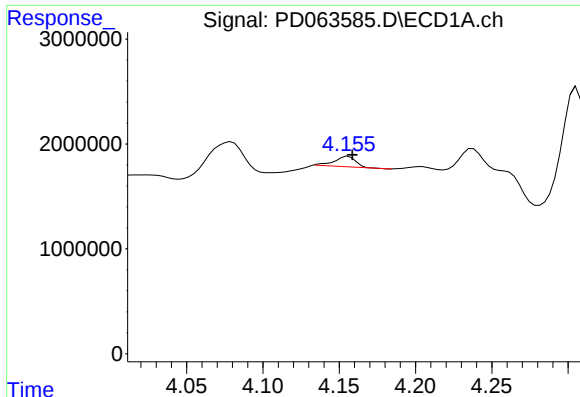
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: -0.002 min  
Response: 620303  
Conc: 0.30 ng/ml



#2 alpha-BHC

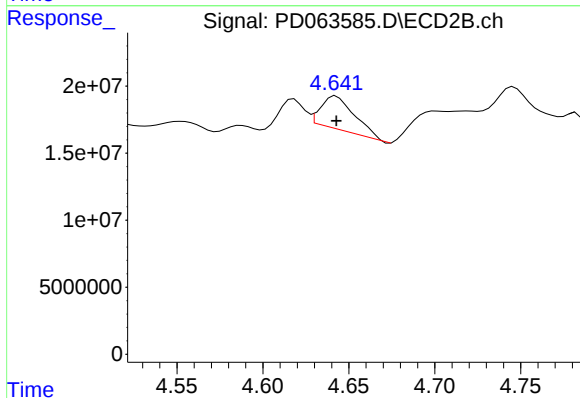
R.T.: 4.384 min  
Delta R.T.: 0.025 min  
Response: -224539732  
Conc: N.D.



#3 gamma-BHC (Lindane)

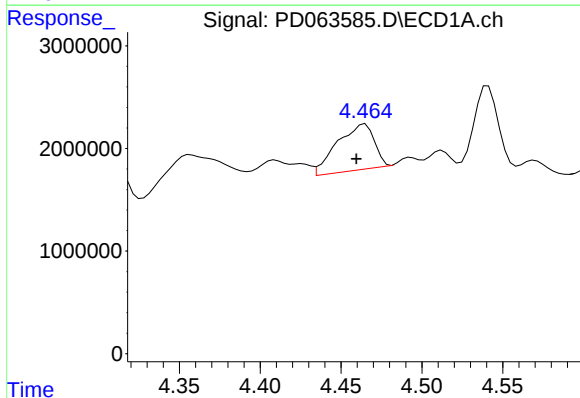
R.T.: 4.156 min  
Delta R.T.: -0.003 min  
Response: 974052  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



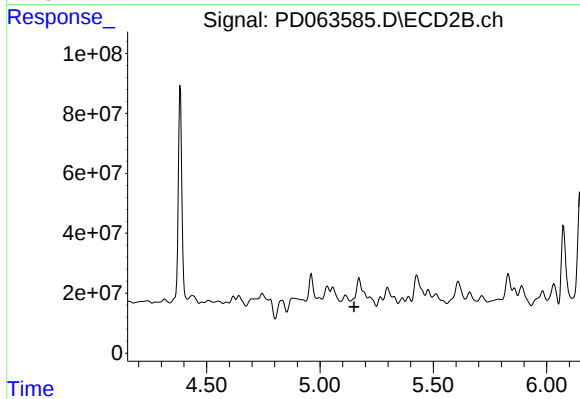
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 33672405  
Conc: 1.78 ng/ml



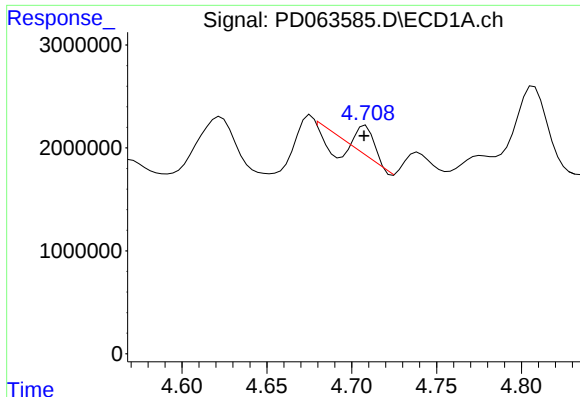
#4 Heptachlor

R.T.: 4.465 min  
Delta R.T.: 0.005 min  
Response: 7127936  
Conc: 3.67 ng/ml



#4 Heptachlor

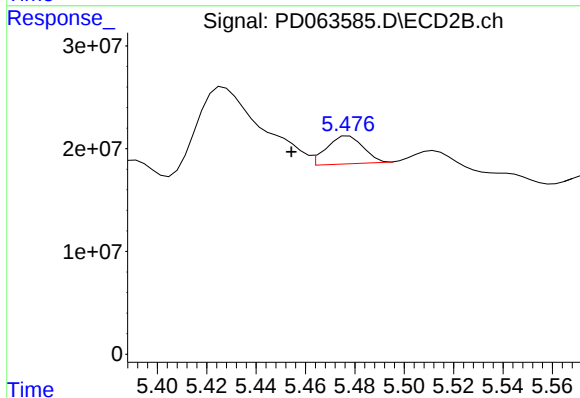
R.T.: 5.172 min  
Delta R.T.: 0.022 min  
Response: -13782726  
Conc: N.D.



#5 Aldrin

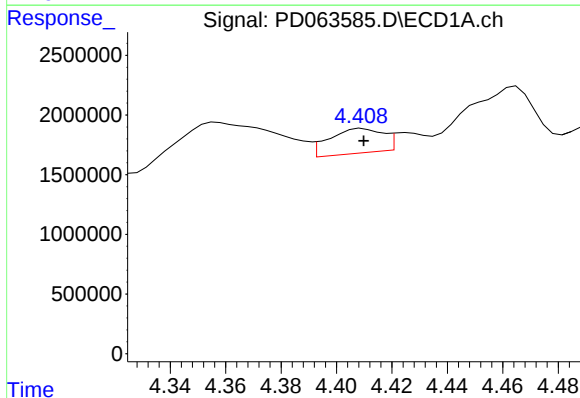
R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 461209  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



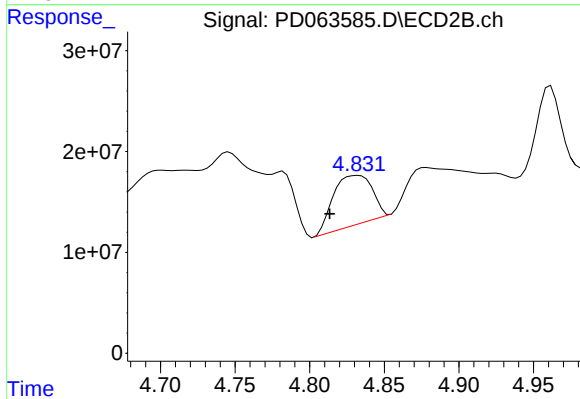
#5 Aldrin

R.T.: 5.478 min  
Delta R.T.: 0.023 min  
Response: 28151176  
Conc: 1.45 ng/ml



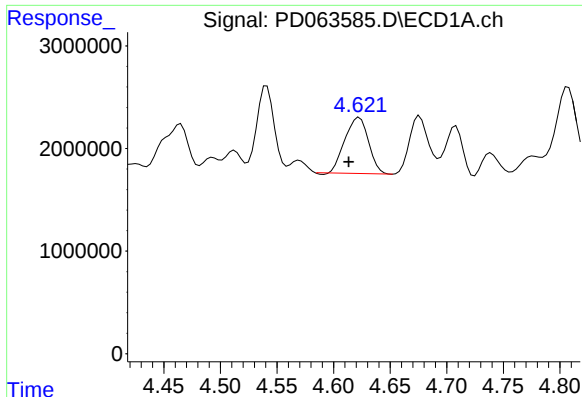
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 2768681  
Conc: 3.18 ng/ml



#6 beta-BHC

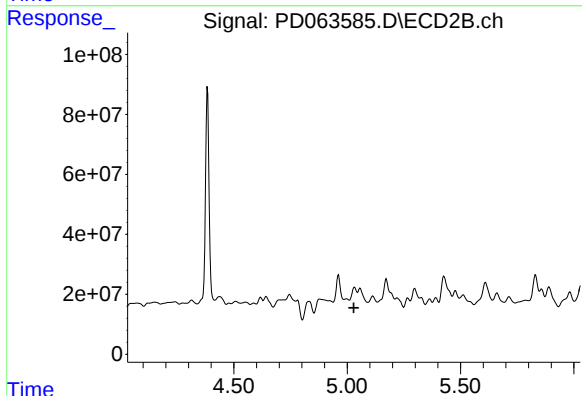
R.T.: 4.833 min  
Delta R.T.: 0.019 min  
Response: 88678451  
Conc: 11.26 ng/ml



#7 delta-BHC

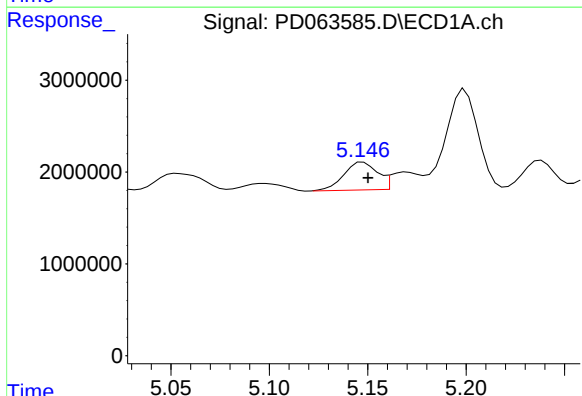
R.T.: 4.623 min  
Delta R.T.: 0.009 min  
Response: 7897258  
Conc: 4.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



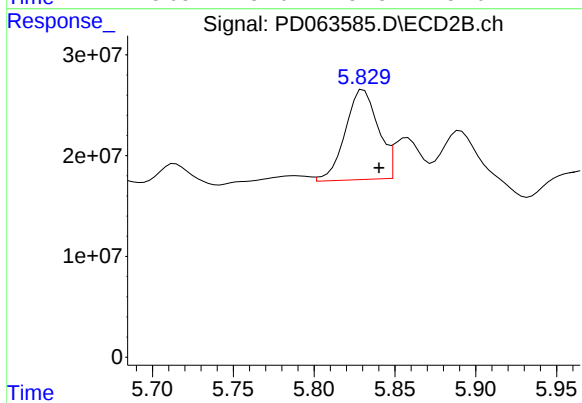
#7 delta-BHC

R.T.: 5.033 min  
Delta R.T.: 0.003 min  
Response: 27923191  
Conc: N.D.



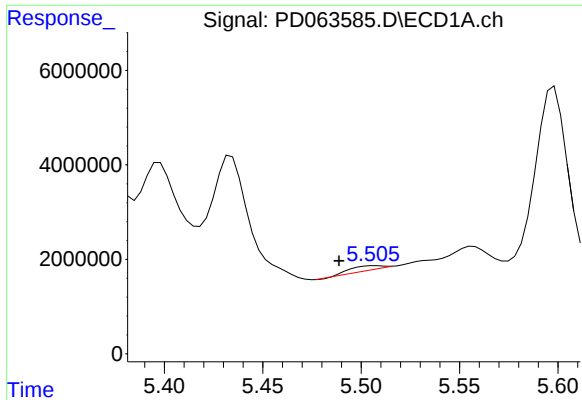
#8 Heptachlor epoxide

R.T.: 5.148 min  
Delta R.T.: -0.002 min  
Response: 3607004  
Conc: 2.06 ng/ml



#8 Heptachlor epoxide

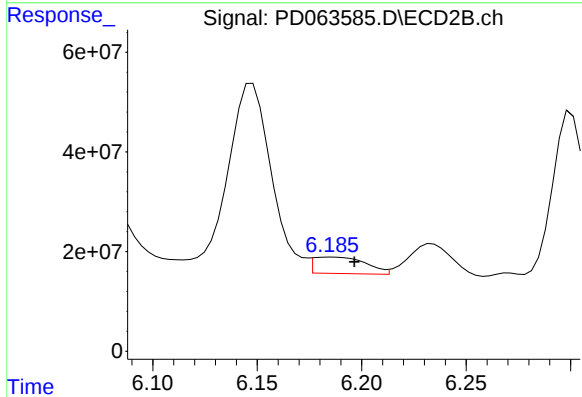
R.T.: 5.831 min  
Delta R.T.: -0.010 min  
Response: 126135628  
Conc: 6.90 ng/ml



#9 Endosulfan I

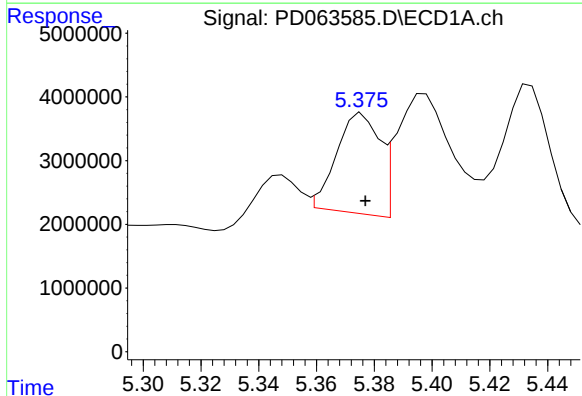
R.T.: 5.508 min  
Delta R.T.: 0.019 min  
Response: 942360  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



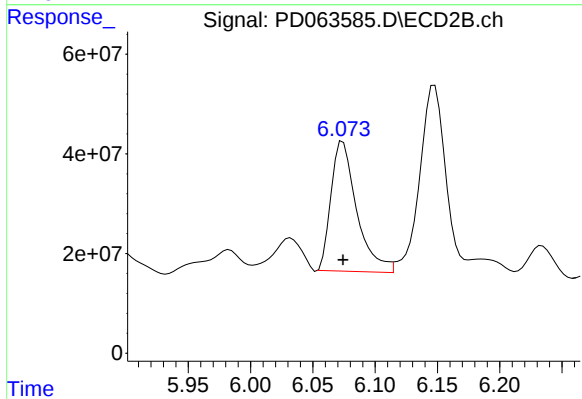
#9 Endosulfan I

R.T.: 6.186 min  
Delta R.T.: -0.011 min  
Response: 57495022  
Conc: 3.37 ng/ml



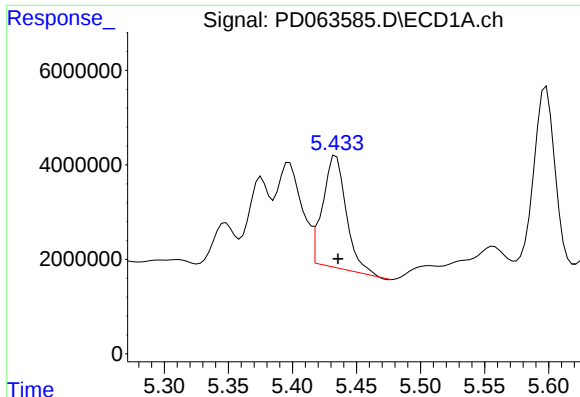
#10 gamma-Chlordane

R.T.: 5.376 min  
Delta R.T.: -0.001 min  
Response: 16280114  
Conc: 9.12 ng/ml



#10 gamma-Chlordane

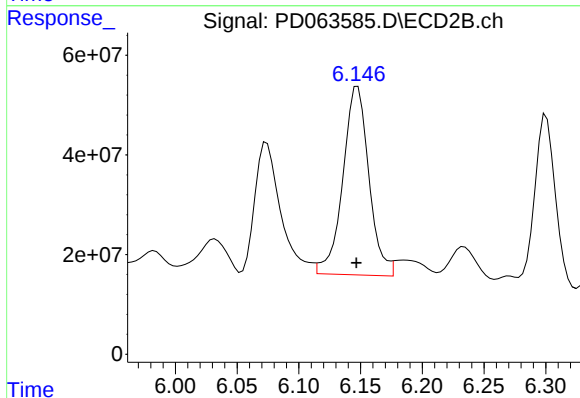
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 375458736  
Conc: 20.21 ng/ml



#11 alpha-Chlordane

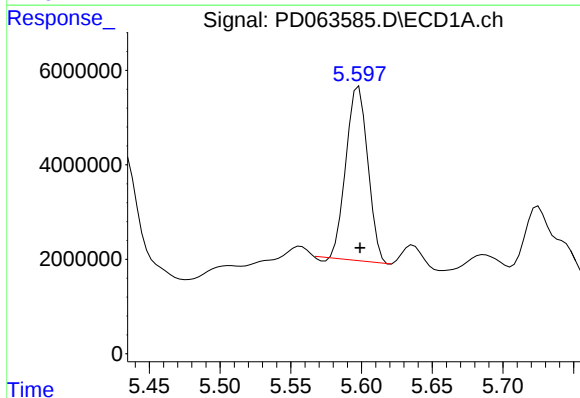
R.T.: 5.434 min  
Delta R.T.: -0.002 min  
Response: 30447397  
Conc: 17.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



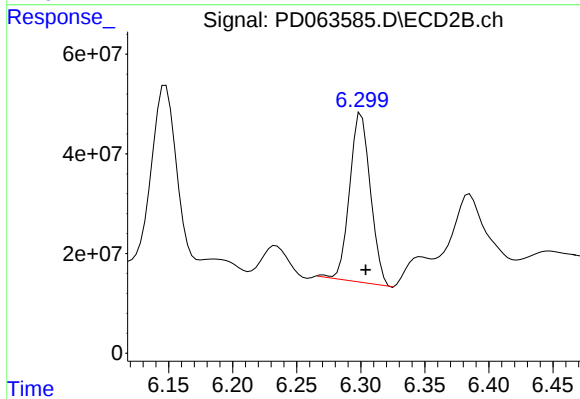
#11 alpha-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 556917276  
Conc: 31.33 ng/ml



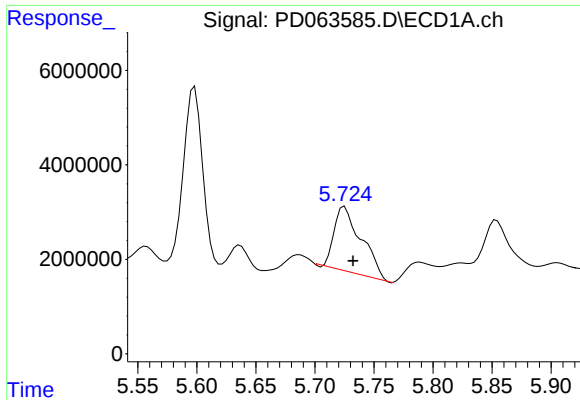
#12 4,4'-DDE

R.T.: 5.598 min  
Delta R.T.: 0.000 min  
Response: 39537027  
Conc: 22.74 ng/ml



#12 4,4'-DDE

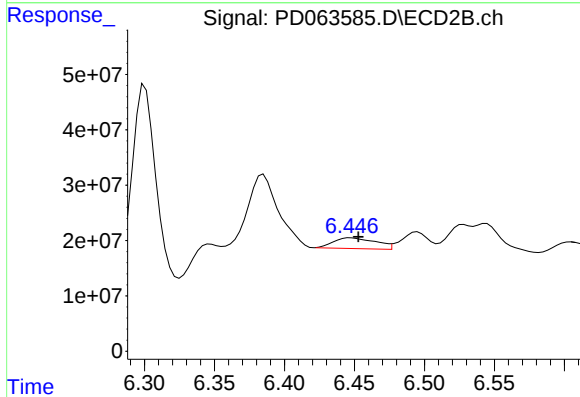
R.T.: 6.300 min  
Delta R.T.: -0.003 min  
Response: 382876099  
Conc: 21.07 ng/ml



#13 Dieldrin

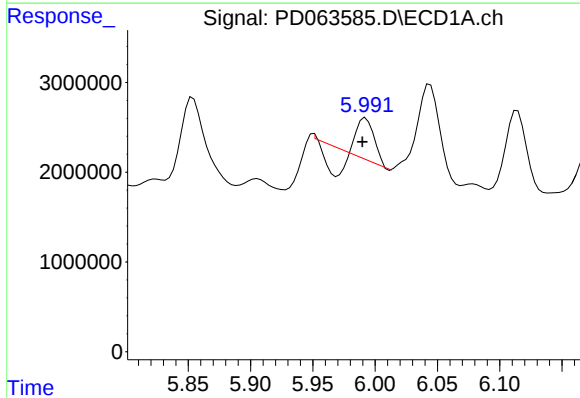
R.T.: 5.725 min  
Delta R.T.: -0.007 min  
Response: 21982513  
Conc: 12.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



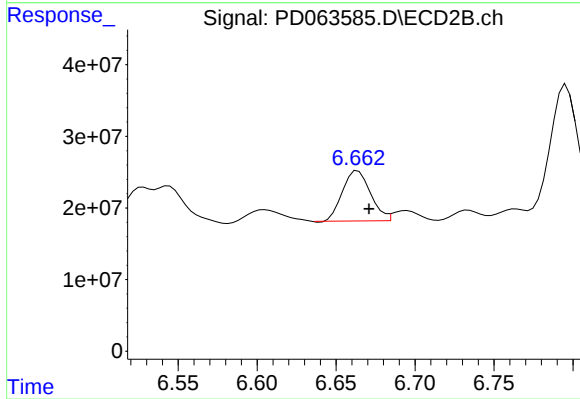
#13 Dieldrin

R.T.: 6.448 min  
Delta R.T.: -0.005 min  
Response: 40615722  
Conc: 2.24 ng/ml



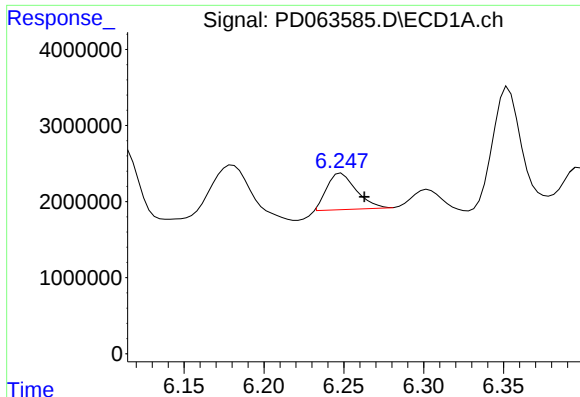
#14 Endrin

R.T.: 5.992 min  
Delta R.T.: 0.003 min  
Response: 2144993  
Conc: 1.35 ng/ml



#14 Endrin

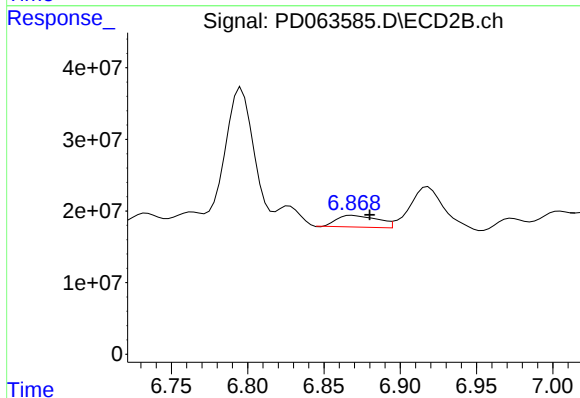
R.T.: 6.664 min  
Delta R.T.: -0.007 min  
Response: 86787025  
Conc: 5.65 ng/ml



#15 Endosulfan II

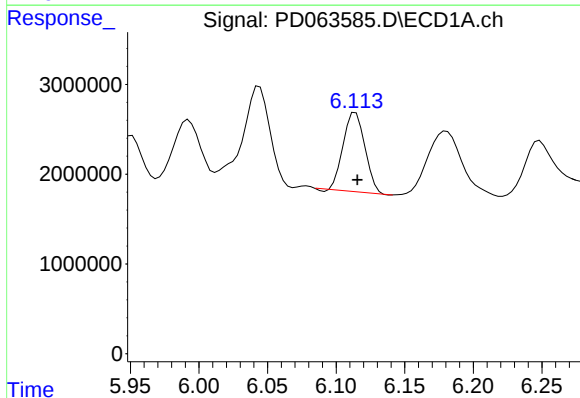
R.T.: 6.248 min  
Delta R.T.: -0.014 min  
Response: 6073112  
Conc: 4.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



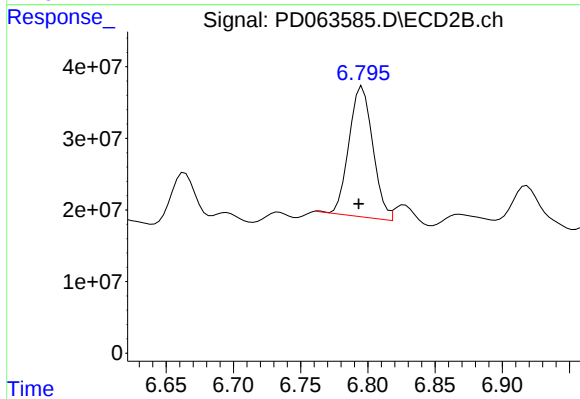
#15 Endosulfan II

R.T.: 6.869 min  
Delta R.T.: -0.011 min  
Response: 30239451  
Conc: 2.05 ng/ml



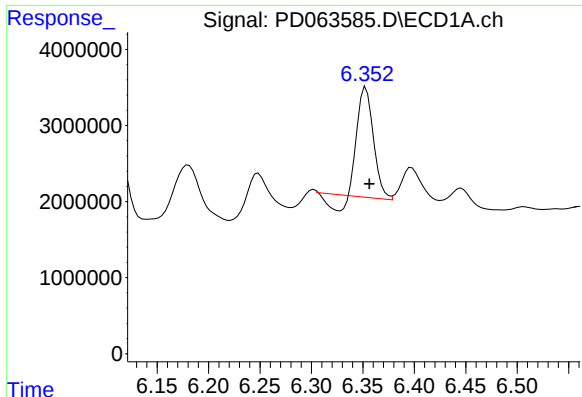
#16 4,4'-DDD

R.T.: 6.114 min  
Delta R.T.: -0.001 min  
Response: 9687280  
Conc: 6.68 ng/ml



#16 4,4'-DDD

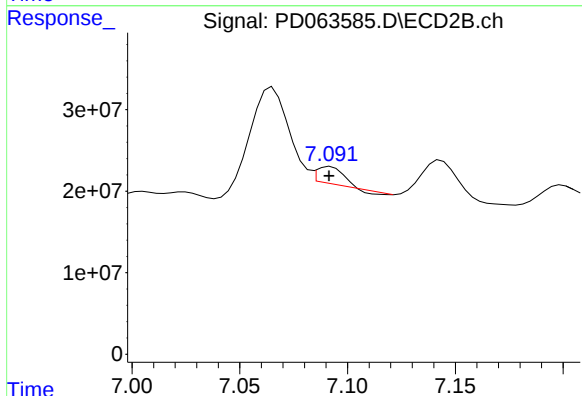
R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 224896990  
Conc: 15.12 ng/ml



#17 4,4'-DDT

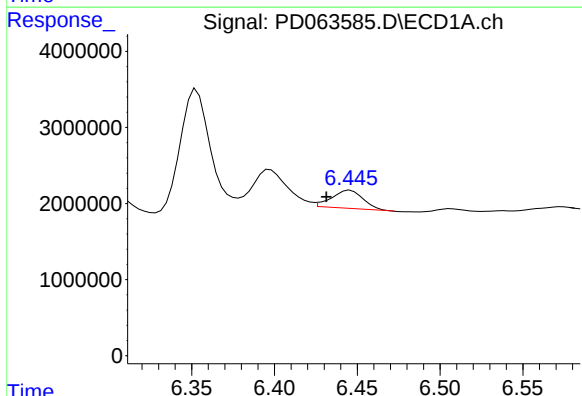
R.T.: 6.353 min  
Delta R.T.: -0.003 min  
Response: 14070786  
Conc: 9.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



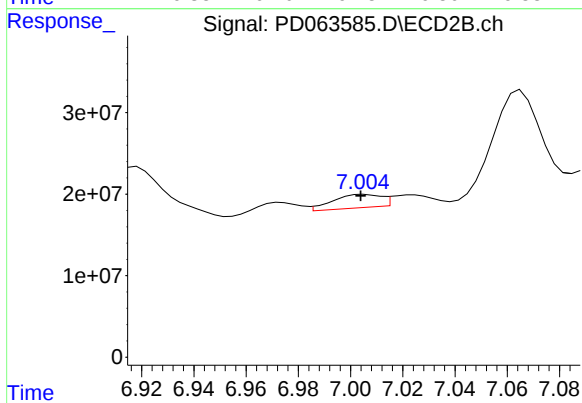
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 16574838  
Conc: 1.10 ng/ml



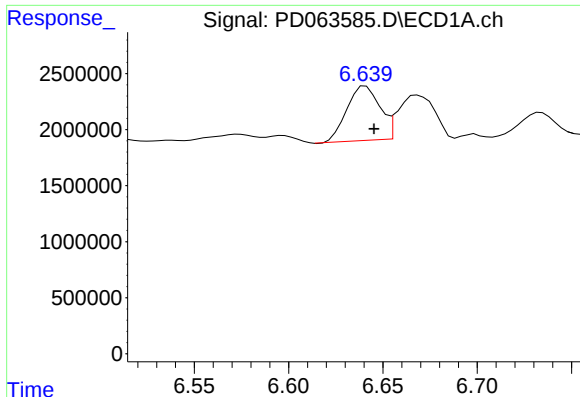
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: 0.014 min  
Response: 2973350  
Conc: 2.50 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: 0.001 min  
Response: 20992861  
Conc: 1.73 ng/ml



#19 Endosulfan Sulfate

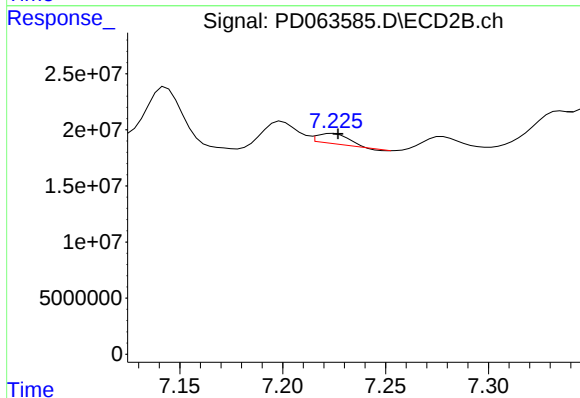
R.T.: 6.641 min

Delta R.T.: -0.005 min

Response: 5896887

Conc: 4.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



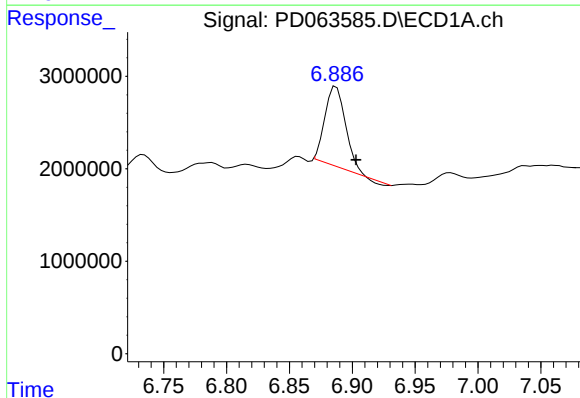
#19 Endosulfan Sulfate

R.T.: 7.225 min

Delta R.T.: -0.002 min

Response: 9345147

Conc: 0.62 ng/ml



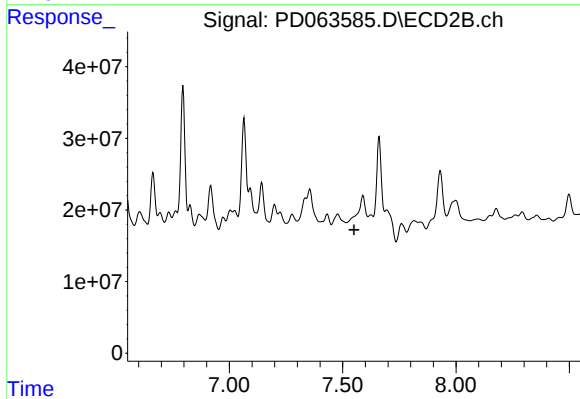
#20 Methoxychlor

R.T.: 6.887 min

Delta R.T.: -0.016 min

Response: 9810173

Conc: 12.30 ng/ml



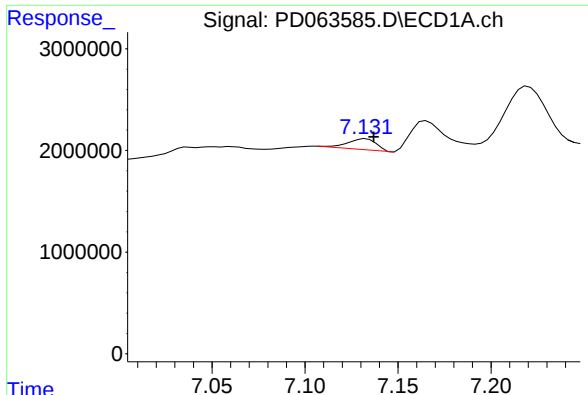
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T.: 7.550 min

Response: 0

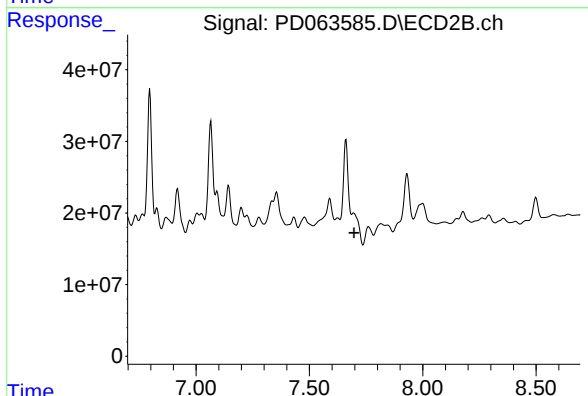
Conc: N.D.



#21 Endrin ketone

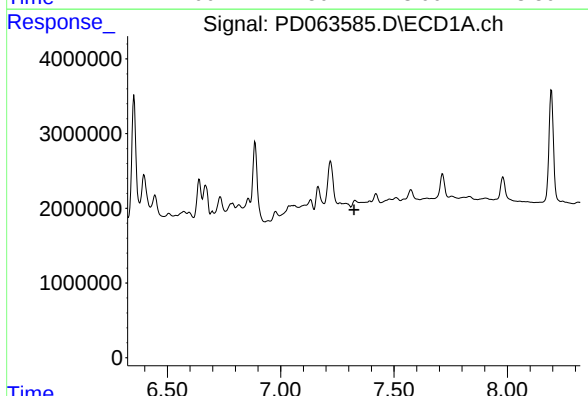
R.T.: 7.133 min  
Delta R.T.: -0.004 min  
Response: 1169394  
Conc: 0.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



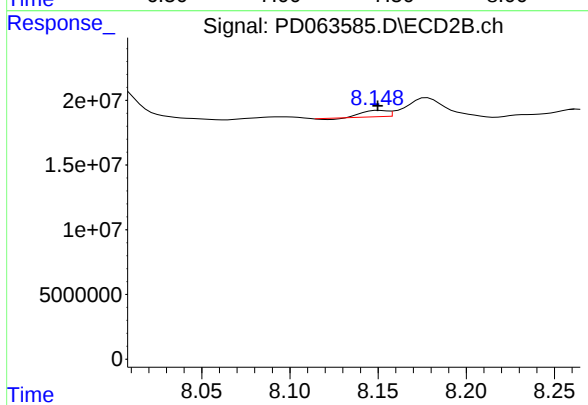
#21 Endrin ketone

R.T.: 7.695 min  
Delta R.T.: -0.001 min  
Response: -91342425  
Conc: N.D.



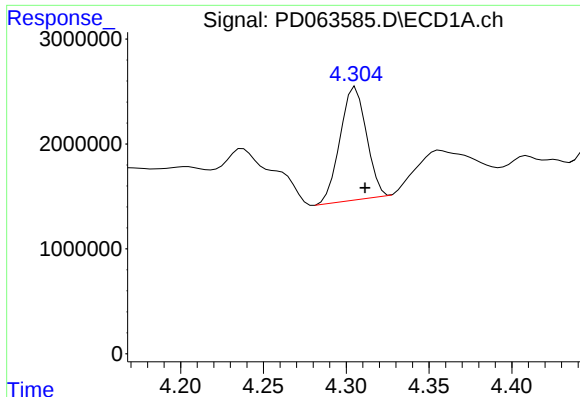
#22 Mirex

R.T.: 7.328 min  
Delta R.T.: 0.004 min  
Response: -76754  
Conc: N.D.



#22 Mirex

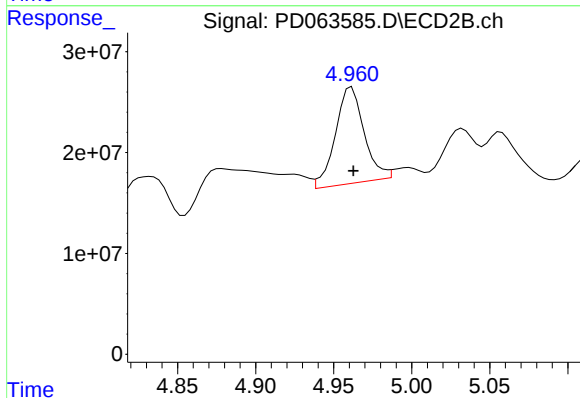
R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 4227973  
Conc: 0.42 ng/ml



#23 Chlordane-1

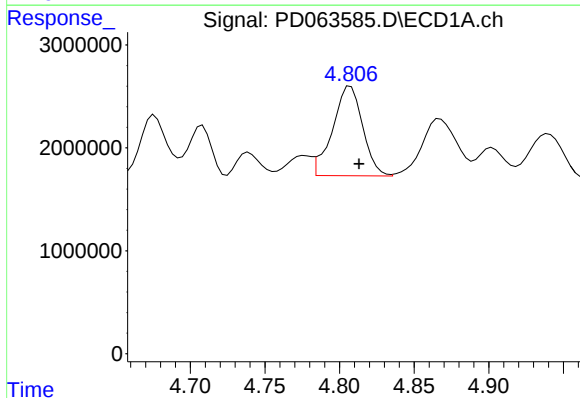
R.T.: 4.306 min  
Delta R.T.: -0.006 min  
Response: 11921160  
Conc: 245.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



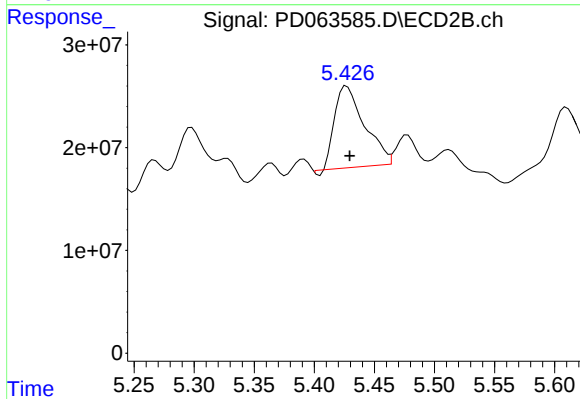
#23 Chlordane-1

R.T.: 4.962 min  
Delta R.T.: -0.001 min  
Response: 122059111  
Conc: 211.02 ng/ml



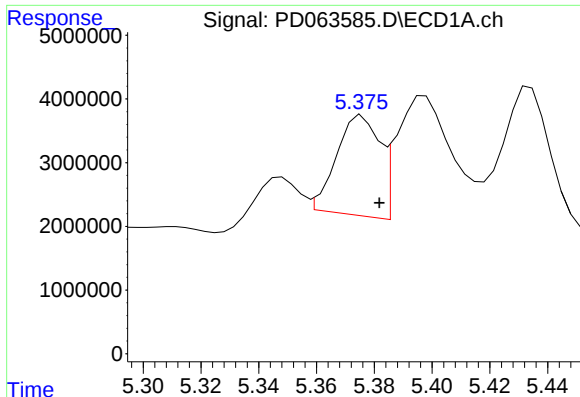
#24 Chlordane-2

R.T.: 4.807 min  
Delta R.T.: -0.006 min  
Response: 12254543  
Conc: 210.12 ng/ml



#24 Chlordane-2

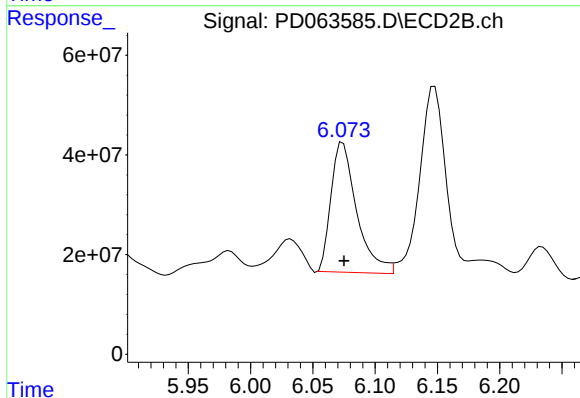
R.T.: 5.427 min  
Delta R.T.: -0.002 min  
Response: 137396902  
Conc: 245.58 ng/ml



#25 Chlordane-3

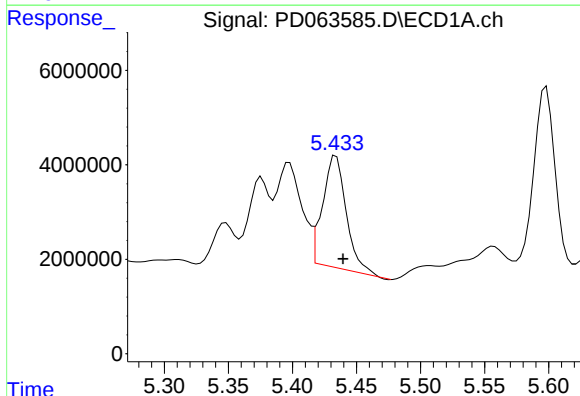
R.T.: 5.376 min  
Delta R.T.: -0.006 min  
Response: 16280114  
Conc: 95.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



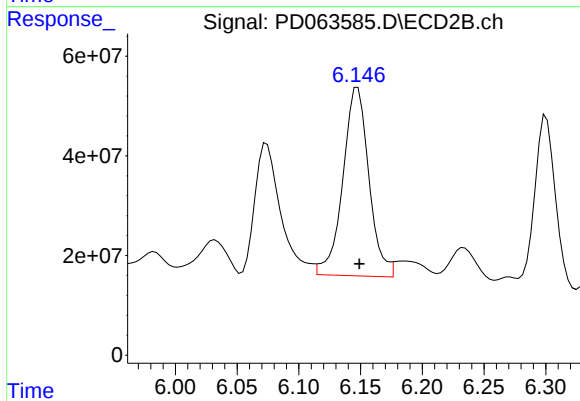
#25 Chlordane-3

R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 375458736  
Conc: 151.97 ng/ml



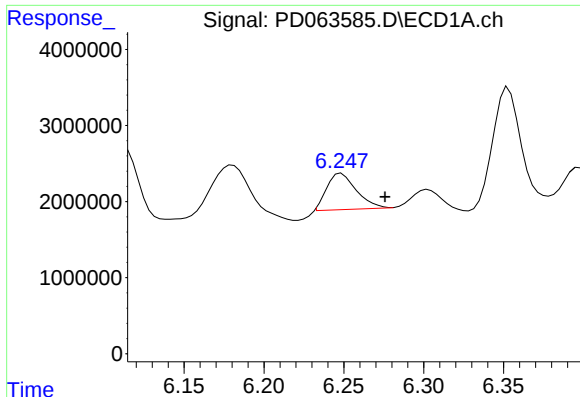
#26 Chlordane-4

R.T.: 5.434 min  
Delta R.T.: -0.005 min  
Response: 30447397  
Conc: 218.45 ng/ml



#26 Chlordane-4

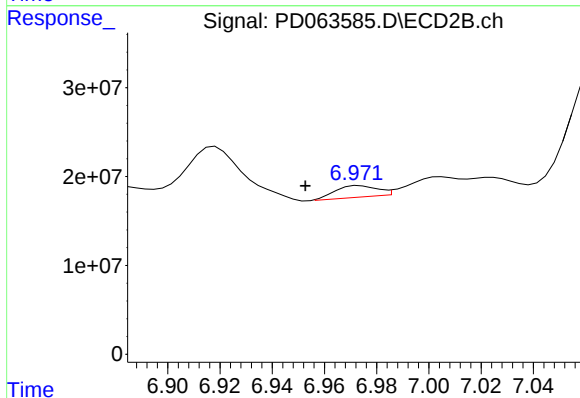
R.T.: 6.148 min  
Delta R.T.: -0.001 min  
Response: 556917276  
Conc: 194.84 ng/ml



#27 Chlordane-5

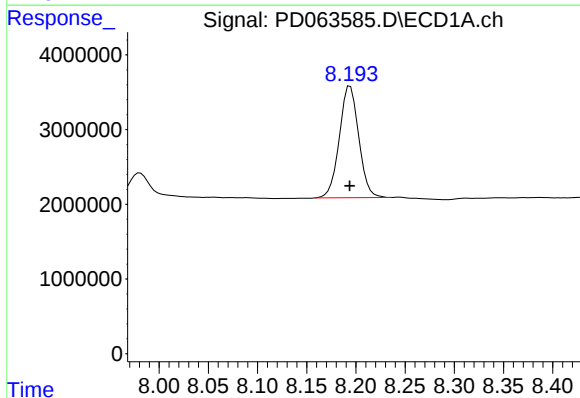
R.T.: 6.248 min  
Delta R.T.: -0.027 min  
Response: 6073112  
Conc: 109.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
18-B7(0-2)RE



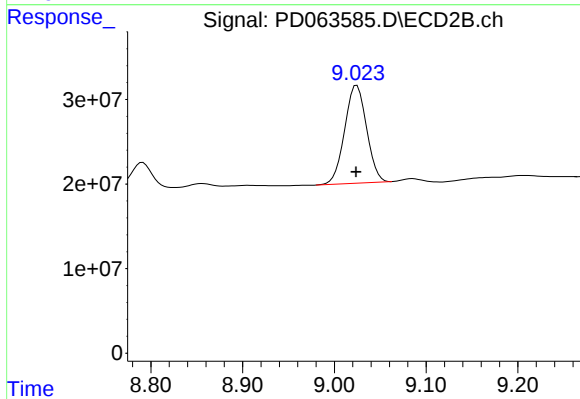
#27 Chlordane-5

R.T.: 6.973 min  
Delta R.T.: 0.021 min  
Response: 14323058  
Conc: 27.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min  
Delta R.T.: 0.000 min  
Response: 20508489  
Conc: 13.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.000 min  
Response: 192407747  
Conc: 13.92 ng/ml