

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060621\  
 Data File : PD063498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2021 10:59  
 Operator : AR\AJ  
 Sample : M2589-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 08:15:23 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... | 3.440  | 3.970  | 14693058 | 122.8E6  | 10.618 | 9.167    |
| 28)                         | SA Decachlor... | 8.196  | 9.025  | 19159169 | 181.2E6  | 12.182 | 13.115   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.892f | 4.380f | -343688  | 4857460  | N.D.   | 0.235    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.645  | 0        | 9650635  | N.D.   | 0.509 #  |
| 4)                          | MA Heptachlor   | 4.467  | 5.173f | 1515515  | -5229947 | 0.781  | N.D. #   |
| 5)                          | MB Aldrin       | 4.711  | 5.450  | 1547786  | 14947446 | 0.819  | 0.769    |
| 6)                          | B beta-BHC      | 4.428f | 4.838f | 2221605  | 24025290 | 2.554  | 3.051    |
| 8)                          | B Heptachlo...  | 5.149  | 5.832  | 5280414  | 16047528 | 3.013  | 0.878 #  |
| 9)                          | A Endosulfan I  | 5.514f | 6.185  | 1008982  | 20326577 | 0.612  | 1.193 #  |
| 10)                         | B gamma-Chl...  | 5.370  | 6.075  | 8976004  | 40885482 | 5.026  | 2.201 #  |
| 11)                         | B alpha-Chl...  | 5.436  | 6.148  | 5297100  | 70483562 | 2.996  | 3.965 #  |
| 12)                         | B 4,4'-DDE      | 5.599  | 6.302  | 7605273  | 84293343 | 4.374  | 4.638    |
| 13)                         | MA Dieldrin     | 5.726  | 6.435f | 4302604  | 42800431 | 2.450  | 2.364    |
| 14)                         | MA Endrin       | 0.000  | 6.664  | 0        | 12434723 | N.D.   | 0.809 #  |
| 15)                         | B Endosulfa...  | 6.250  | 6.866  | 1101405  | 4524544  | 0.786  | 0.307 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.799  | 0        | 34387655 | N.D.   | 2.311 #  |
| 17)                         | MA 4,4'-DDT     | 6.354  | 7.117f | 3471567  | 131638   | 2.403  | 0.009 #  |
| 18)                         | B Endrin al...  | 6.449f | 7.027f | 1129035  | 4807830  | 0.949  | 0.397 #  |
| 19)                         | B Endosulfa...  | 6.667f | 7.221  | 14658966 | 29703226 | 11.470 | 1.959 #  |
| 20)                         | A Methoxychlor  | 6.888  | 7.571f | 3838324  | 65084597 | 4.813  | 8.787 #  |
| 21)                         | B Endrin ke...  | 7.165f | 0.000  | 2302781  | 0        | 1.298  | N.D. #   |
| 23)                         | Chlordane-1     | 4.307  | 4.964  | 3912782  | 17307363 | 80.603 | 29.921 # |
| 24)                         | Chlordane-2     | 4.810  | 5.428  | 2002816  | 8279553  | 34.341 | 14.799 # |
| 25)                         | Chlordane-3     | 5.370  | 6.075  | 8976004  | 40885482 | 52.772 | 16.549 # |
| 26)                         | Chlordane-4     | 5.436  | 6.148  | 5297100  | 70483562 | 38.004 | 24.659 # |
| 27)                         | Chlordane-5     | 6.250f | 6.972f | 1101405  | 1599354  | 19.896 | 3.061 #  |
| -----                       |                 |        |        |          |          |        |          |

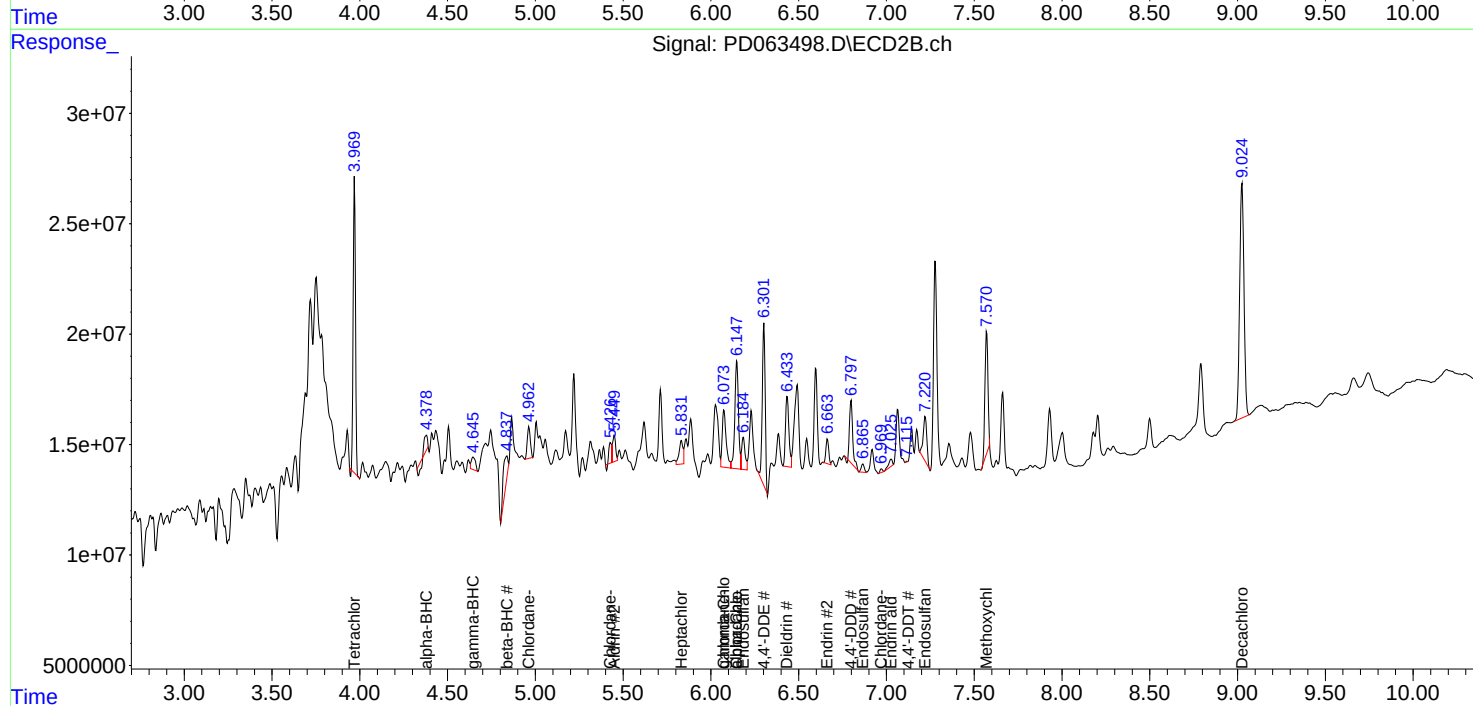
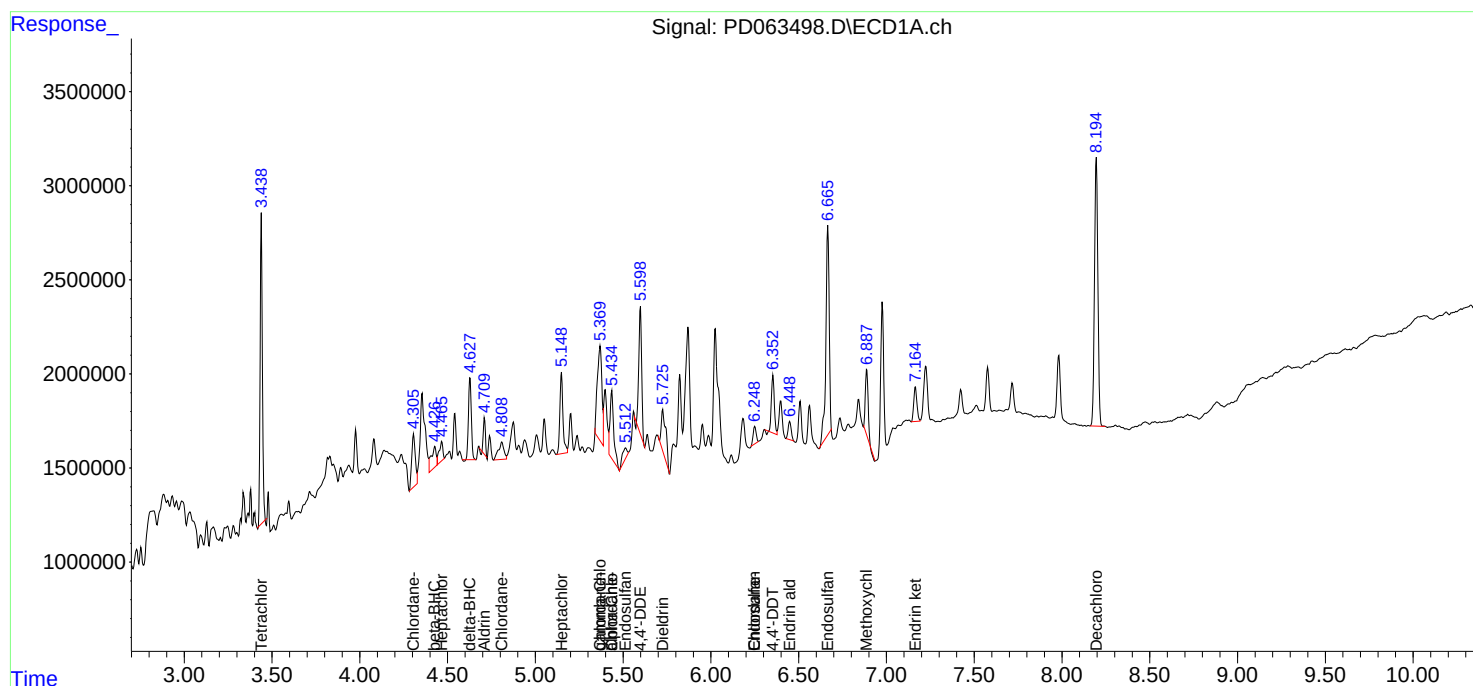
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

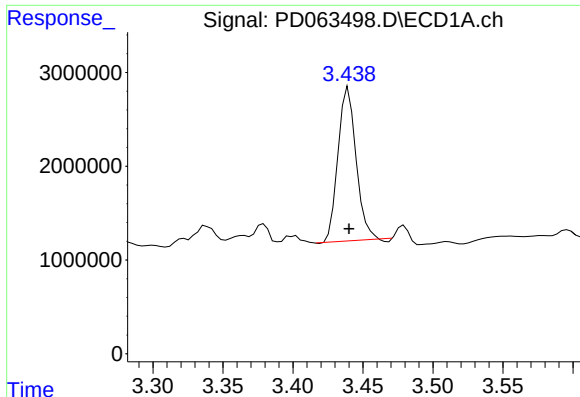
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060621\  
 Data File : PD063498.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2021 10:59  
 Operator : AR\AJ  
 Sample : M2589-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 08:15:23 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  
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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

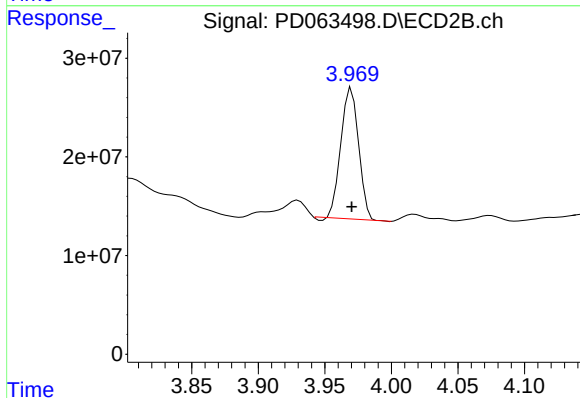




#1 Tetrachloro-m-xylene

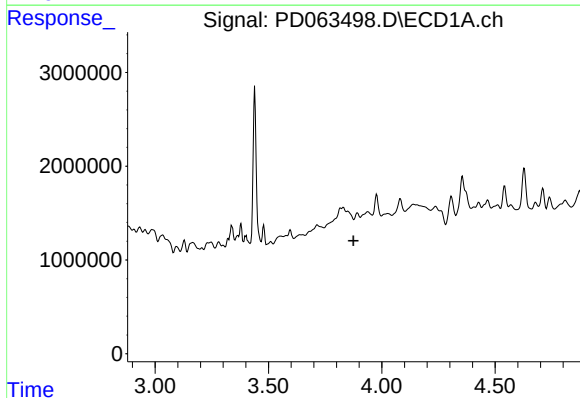
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 14693058  
Conc: 10.62 ng/ml

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



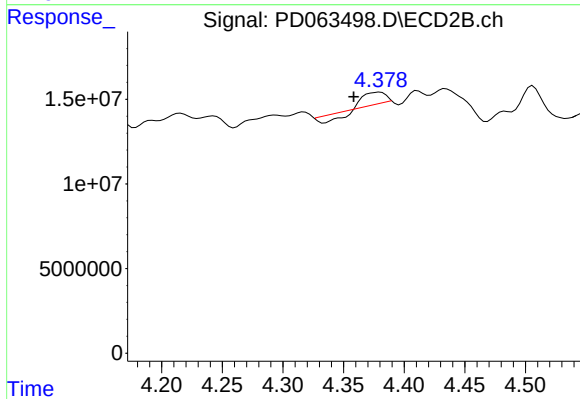
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 122825944  
Conc: 9.17 ng/ml



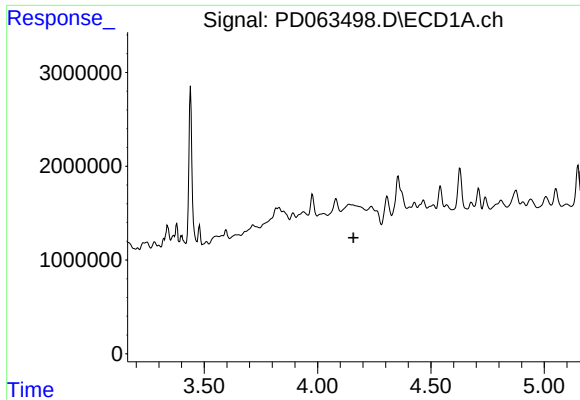
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: 0.016 min  
Response: -343688  
Conc: N.D.



#2 alpha-BHC

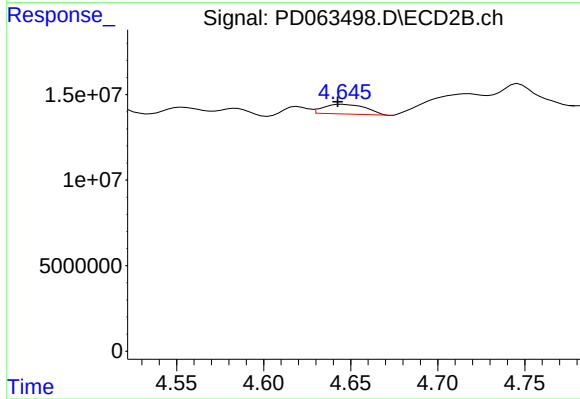
R.T.: 4.380 min  
Delta R.T.: 0.021 min  
Response: 4857460  
Conc: 0.23 ng/ml



#3 gamma-BHC (Lindane)

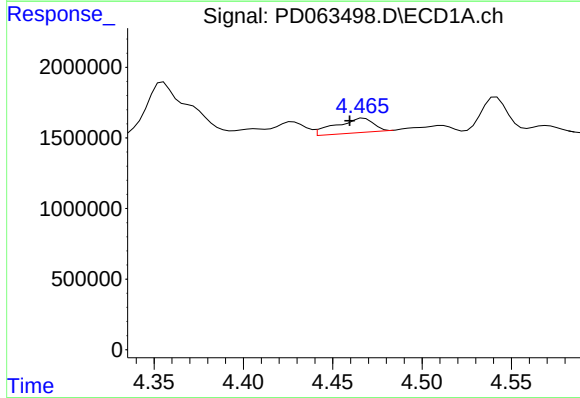
R.T.: 0.000 min  
Exp R.T.: 4.159 min  
Response: 0  
Conc: N.D.

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



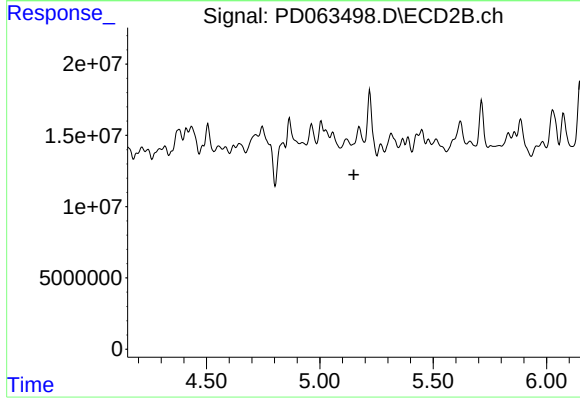
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: 0.003 min  
Response: 9650635  
Conc: 0.51 ng/ml



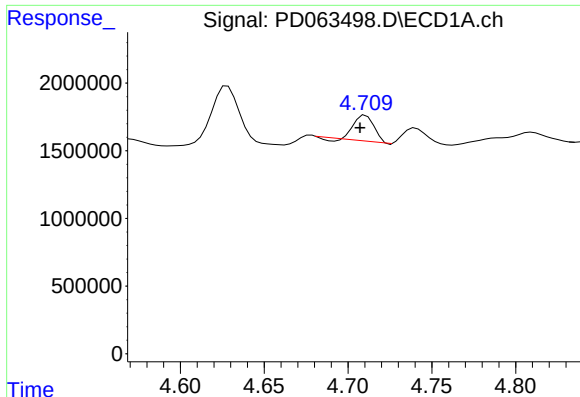
#4 Heptachlor

R.T.: 4.467 min  
Delta R.T.: 0.008 min  
Response: 1515515  
Conc: 0.78 ng/ml



#4 Heptachlor

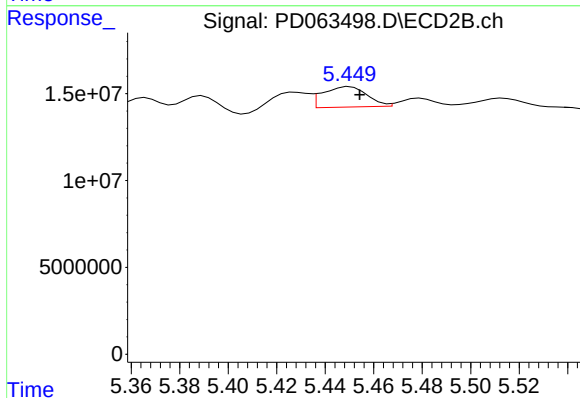
R.T.: 5.173 min  
Delta R.T.: 0.023 min  
Response: -5229947  
Conc: N.D.



#5 Aldrin

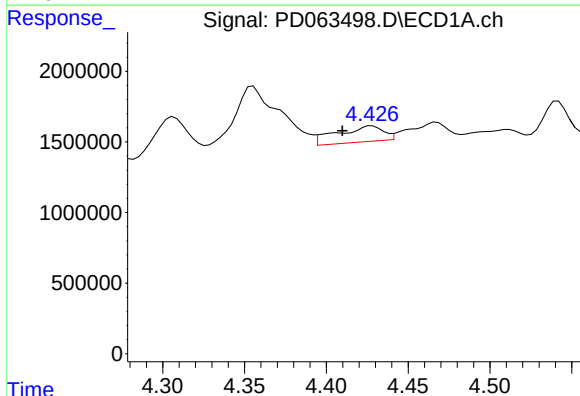
R.T.: 4.711 min  
Delta R.T.: 0.003 min  
Response: 1547786  
Conc: 0.82 ng/ml

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



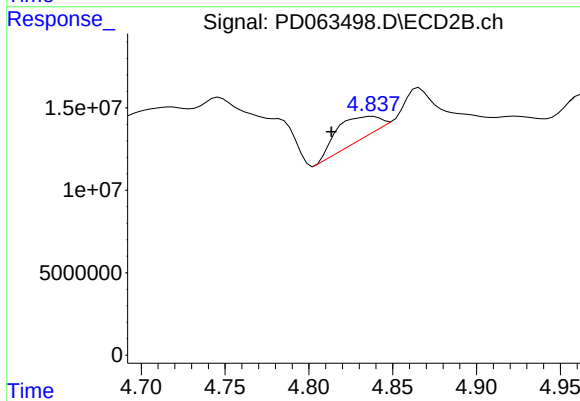
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 14947446  
Conc: 0.77 ng/ml



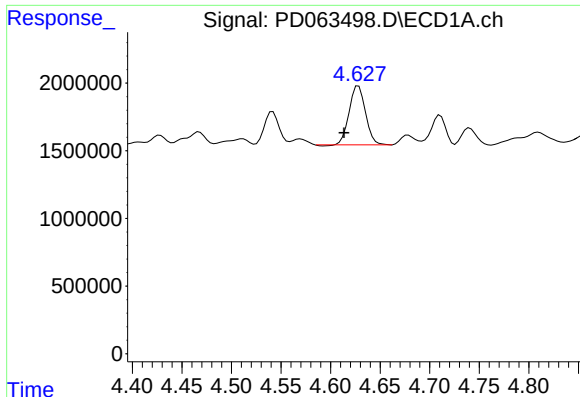
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.018 min  
Response: 2221605  
Conc: 2.55 ng/ml



#6 beta-BHC

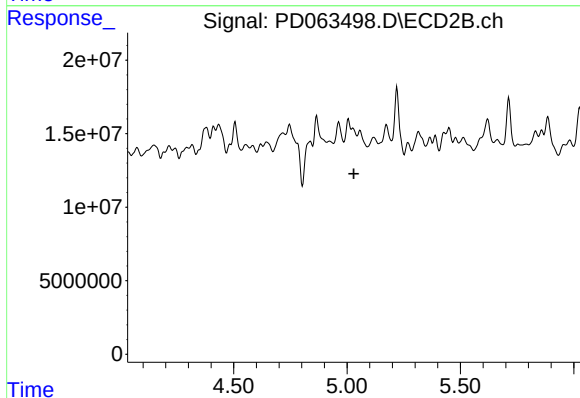
R.T.: 4.838 min  
Delta R.T.: 0.024 min  
Response: 24025290  
Conc: 3.05 ng/ml



#7 delta-BHC

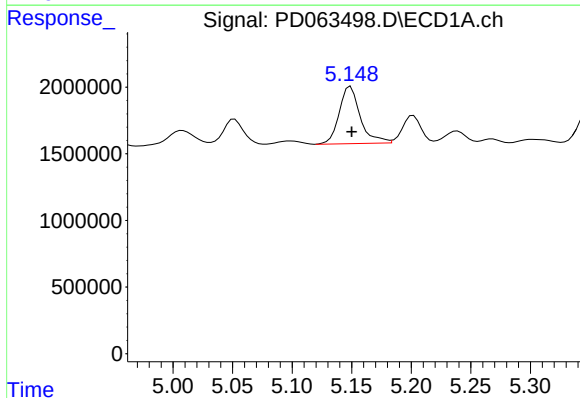
R.T.: 4.628 min  
Delta R.T.: 0.015 min  
Response: 4963911  
Conc: 2.53 ng/ml

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



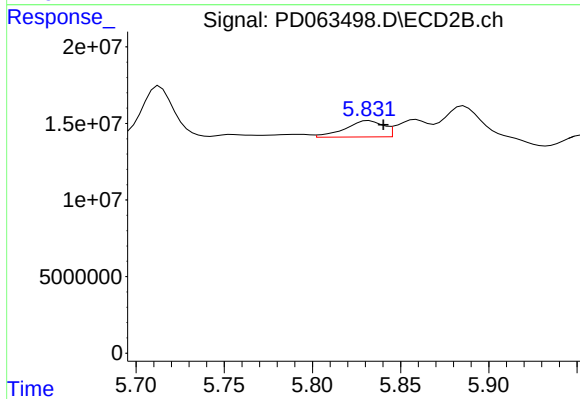
#7 delta-BHC

R.T.: 5.026 min  
Delta R.T.: -0.004 min  
Response: 6720151  
Conc: N.D.



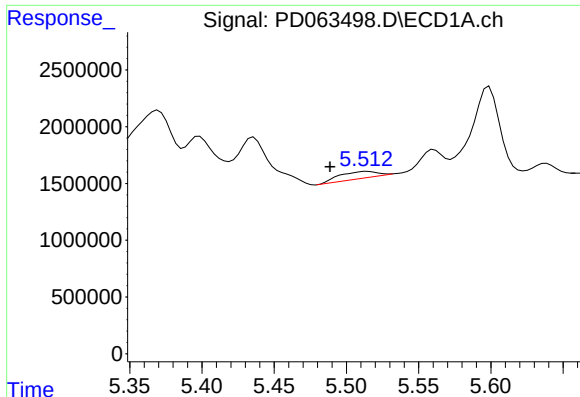
#8 Heptachlor epoxide

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 5280414  
Conc: 3.01 ng/ml



#8 Heptachlor epoxide

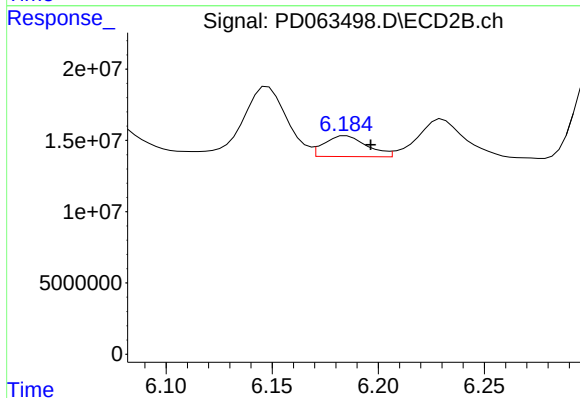
R.T.: 5.832 min  
Delta R.T.: -0.008 min  
Response: 16047528  
Conc: 0.88 ng/ml



#9 Endosulfan I

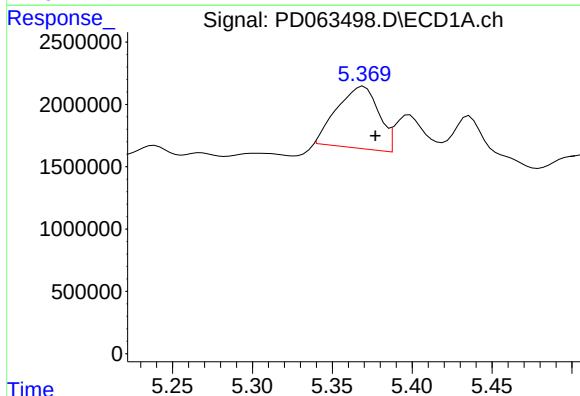
R.T.: 5.514 min  
Delta R.T.: 0.026 min  
Response: 1008982  
Conc: 0.61 ng/ml

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



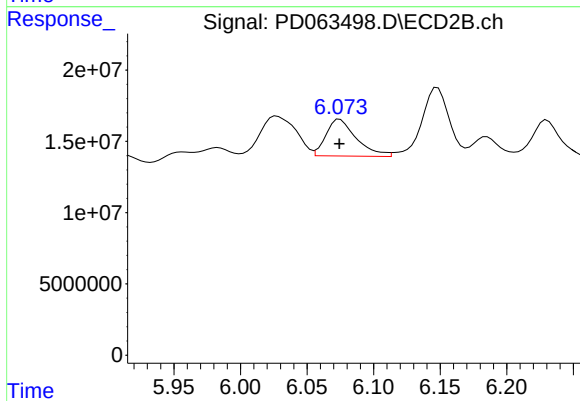
#9 Endosulfan I

R.T.: 6.185 min  
Delta R.T.: -0.011 min  
Response: 20326577  
Conc: 1.19 ng/ml



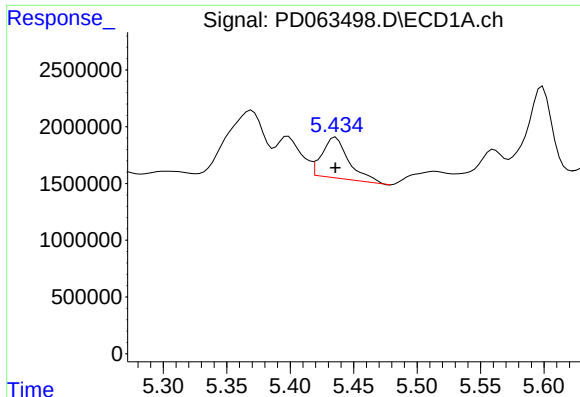
#10 gamma-Chlordane

R.T.: 5.370 min  
Delta R.T.: -0.007 min  
Response: 8976004  
Conc: 5.03 ng/ml



#10 gamma-Chlordane

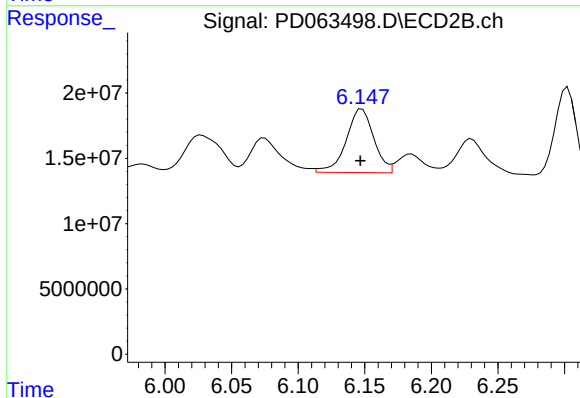
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 40885482  
Conc: 2.20 ng/ml



#11 alpha-Chlordane

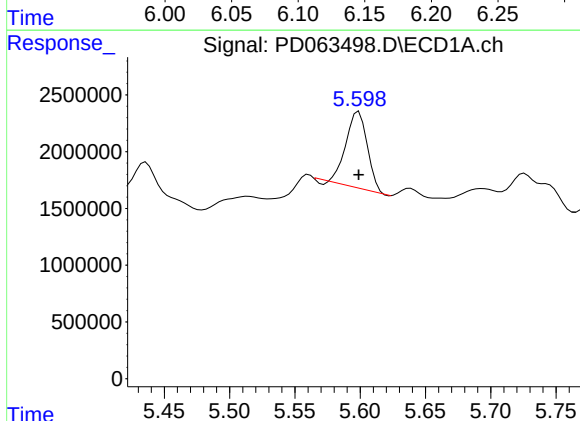
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 5297100  
Conc: 3.00 ng/ml

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



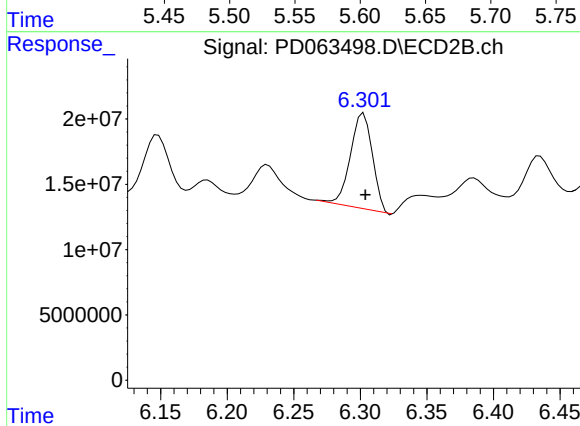
#11 alpha-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.001 min  
Response: 70483562  
Conc: 3.96 ng/ml



#12 4,4'-DDE

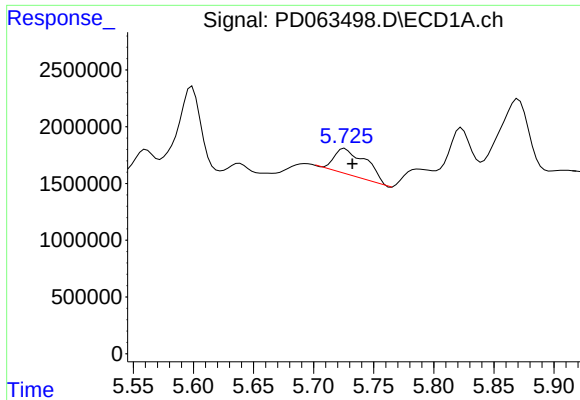
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 7605273  
Conc: 4.37 ng/ml



#12 4,4'-DDE

R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 84293343  
Conc: 4.64 ng/ml

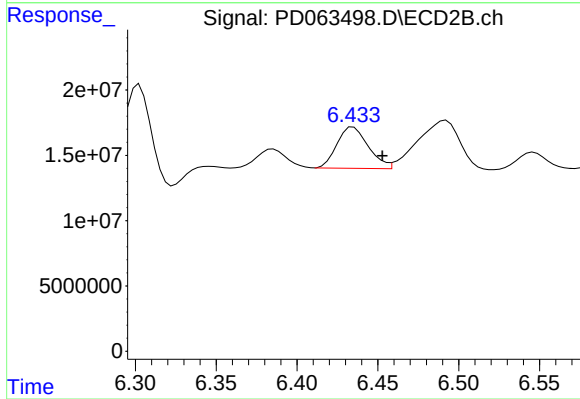




#13 Dieldrin

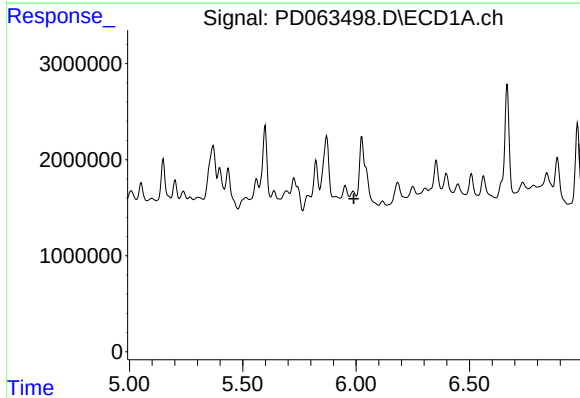
R.T.: 5.726 min  
Delta R.T.: -0.006 min  
Response: 4302604  
Conc: 2.45 ng/ml

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



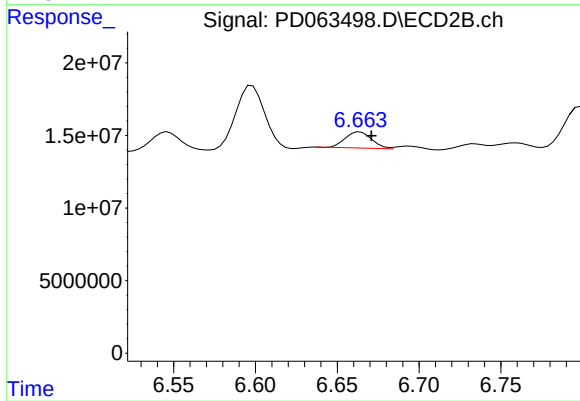
#13 Dieldrin

R.T.: 6.435 min  
Delta R.T.: -0.018 min  
Response: 42800431  
Conc: 2.36 ng/ml



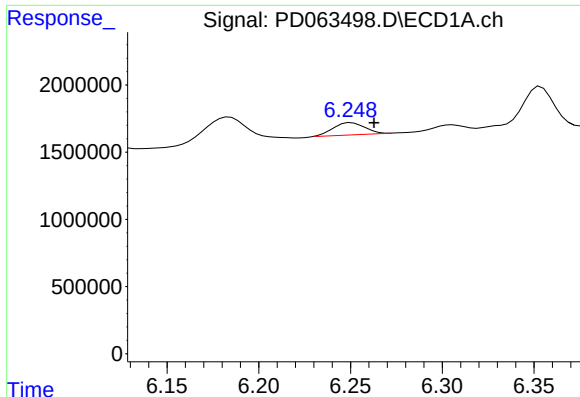
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.990 min  
Response: 0  
Conc: N.D.



#14 Endrin

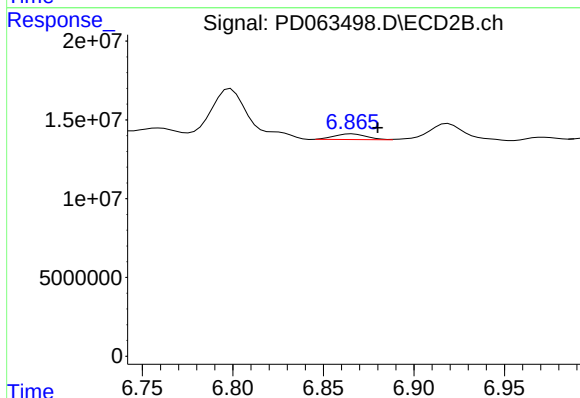
R.T.: 6.664 min  
Delta R.T.: -0.007 min  
Response: 12434723  
Conc: 0.81 ng/ml



#15 Endosulfan II

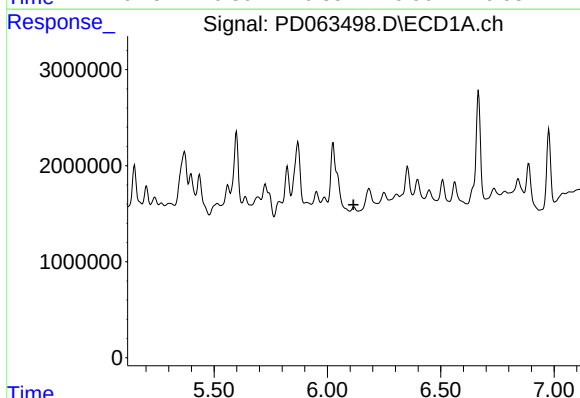
R.T.: 6.250 min  
Delta R.T.: -0.012 min  
Response: 1101405  
Conc: 0.79 ng/ml

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



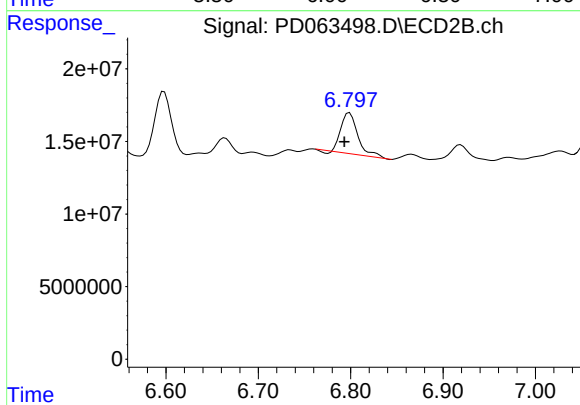
#15 Endosulfan II

R.T.: 6.866 min  
Delta R.T.: -0.014 min  
Response: 4524544  
Conc: 0.31 ng/ml



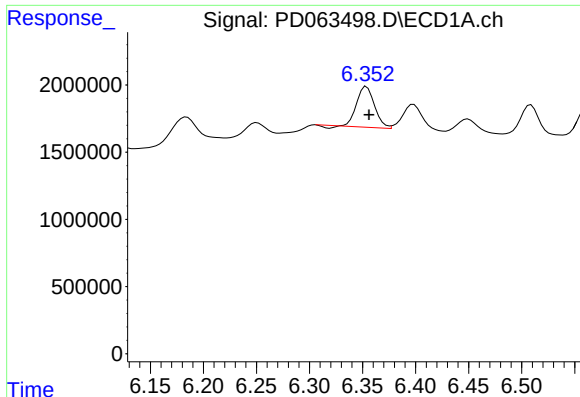
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.115 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

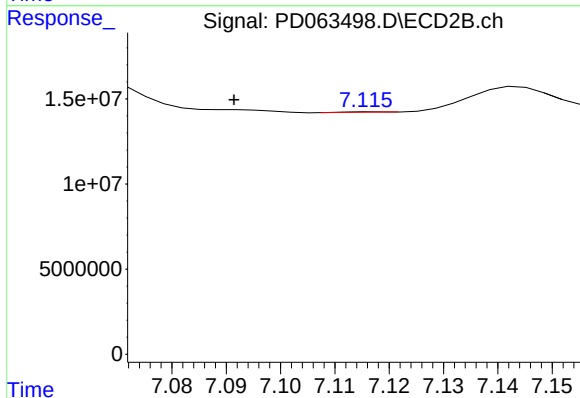
R.T.: 6.799 min  
Delta R.T.: 0.005 min  
Response: 34387655  
Conc: 2.31 ng/ml



#17 4,4'-DDT

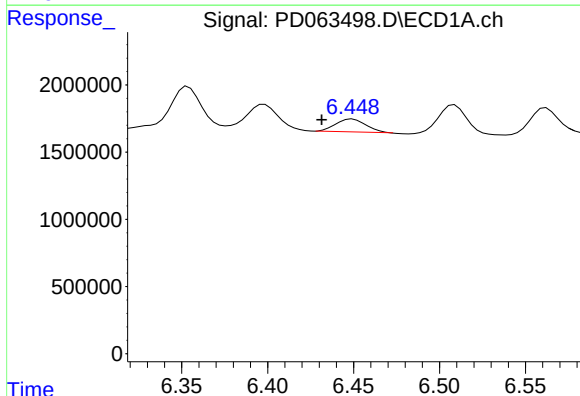
R.T.: 6.354 min  
Delta R.T.: -0.003 min  
Response: 3471567  
Conc: 2.40 ng/ml

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



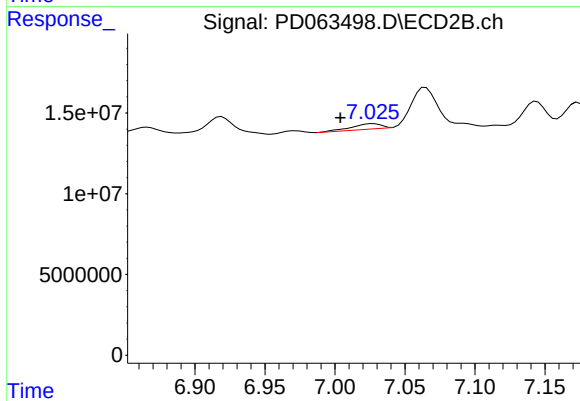
#17 4,4'-DDT

R.T.: 7.117 min  
Delta R.T.: 0.025 min  
Response: 131638  
Conc: 0.01 ng/ml



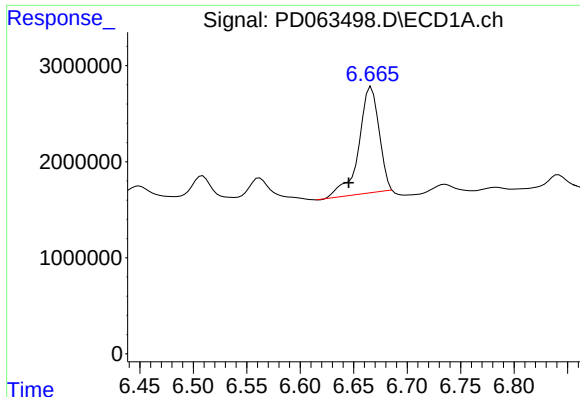
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.018 min  
Response: 1129035  
Conc: 0.95 ng/ml



#18 Endrin aldehyde

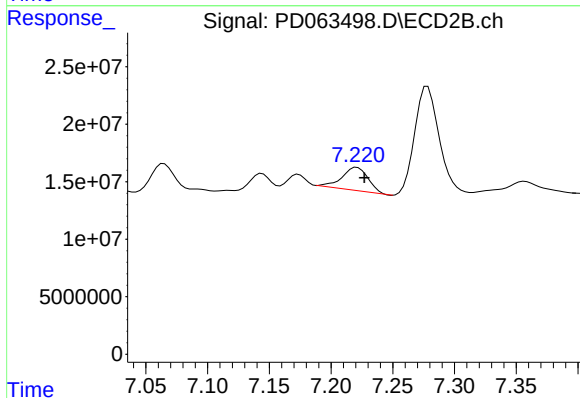
R.T.: 7.027 min  
Delta R.T.: 0.023 min  
Response: 4807830  
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

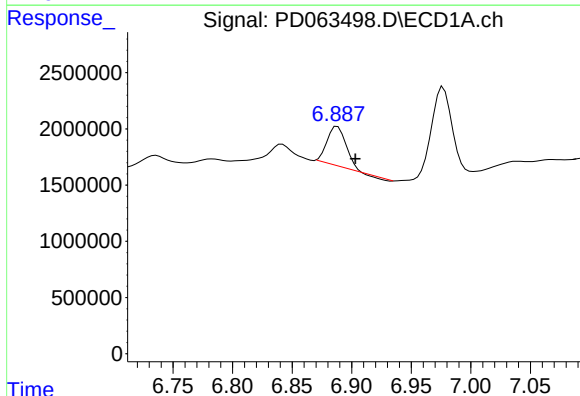
R.T.: 6.667 min  
Delta R.T.: 0.021 min  
Response: 14658966  
Conc: 11.47 ng/ml

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



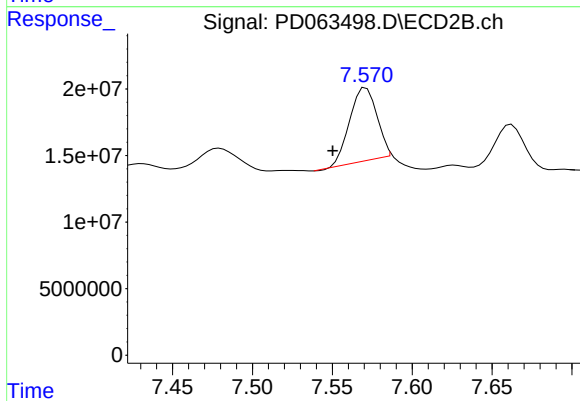
#19 Endosulfan Sulfate

R.T.: 7.221 min  
Delta R.T.: -0.006 min  
Response: 29703226  
Conc: 1.96 ng/ml



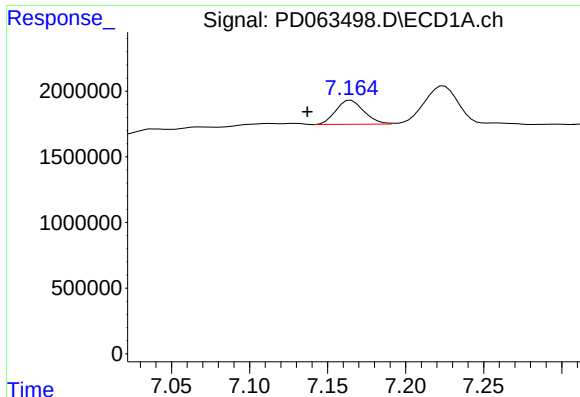
#20 Methoxychlor

R.T.: 6.888 min  
Delta R.T.: -0.015 min  
Response: 3838324  
Conc: 4.81 ng/ml



#20 Methoxychlor

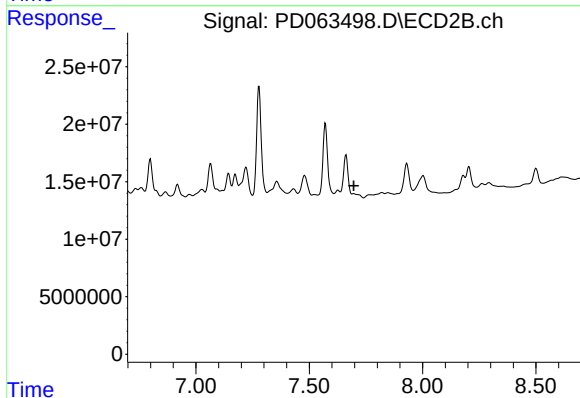
R.T.: 7.571 min  
Delta R.T.: 0.021 min  
Response: 65084597  
Conc: 8.79 ng/ml



#21 Endrin ketone

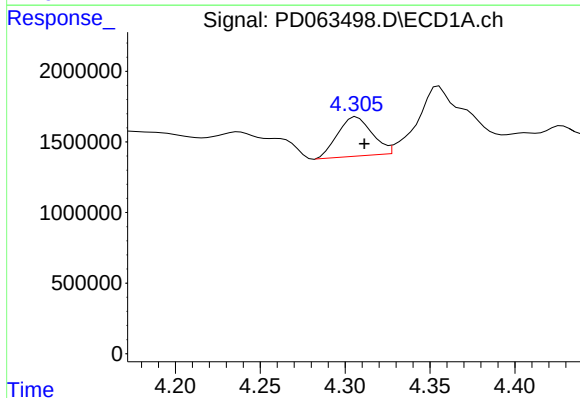
R.T.: 7.165 min  
Delta R.T.: 0.028 min  
Response: 2302781  
Conc: 1.30 ng/ml

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



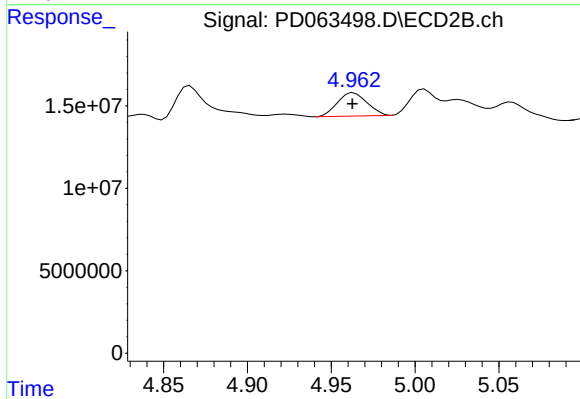
#21 Endrin ketone

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



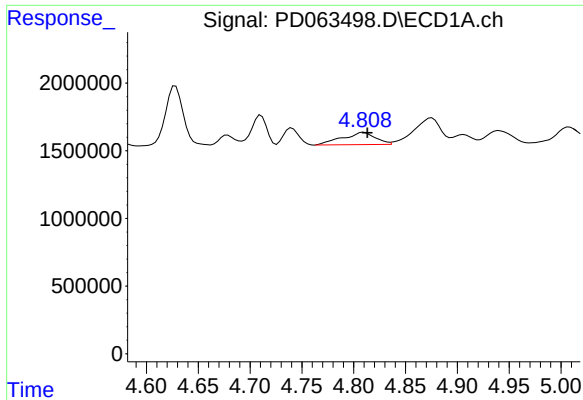
#23 Chlordane-1

R.T.: 4.307 min  
Delta R.T.: -0.005 min  
Response: 3912782  
Conc: 80.60 ng/ml



#23 Chlordane-1

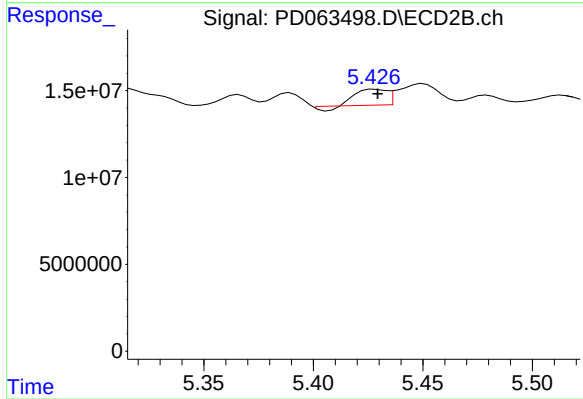
R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 17307363  
Conc: 29.92 ng/ml



#24 Chlordane-2

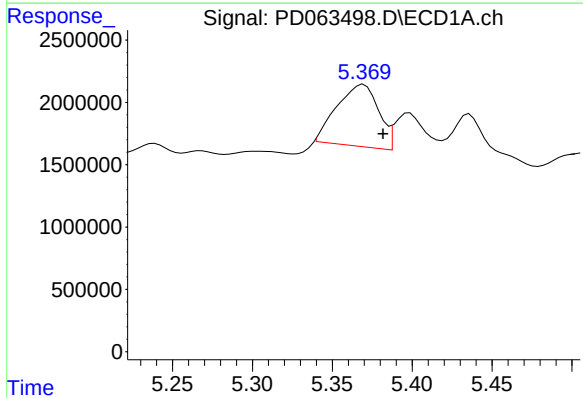
R.T.: 4.810 min  
Delta R.T.: -0.003 min  
Response: 2002816  
Conc: 34.34 ng/ml

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



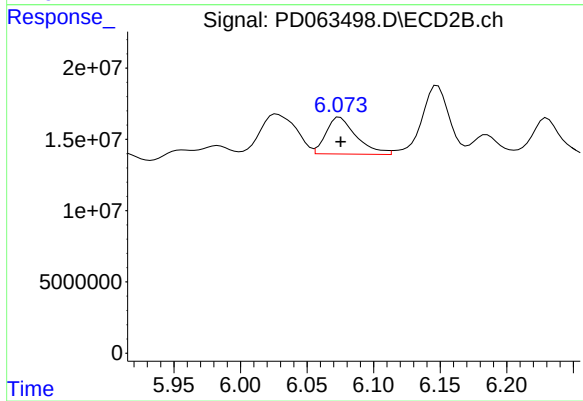
#24 Chlordane-2

R.T.: 5.428 min  
Delta R.T.: -0.002 min  
Response: 8279553  
Conc: 14.80 ng/ml



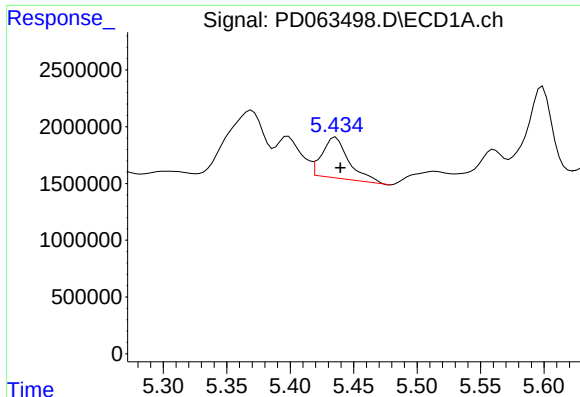
#25 Chlordane-3

R.T.: 5.370 min  
Delta R.T.: -0.012 min  
Response: 8976004  
Conc: 52.77 ng/ml



#25 Chlordane-3

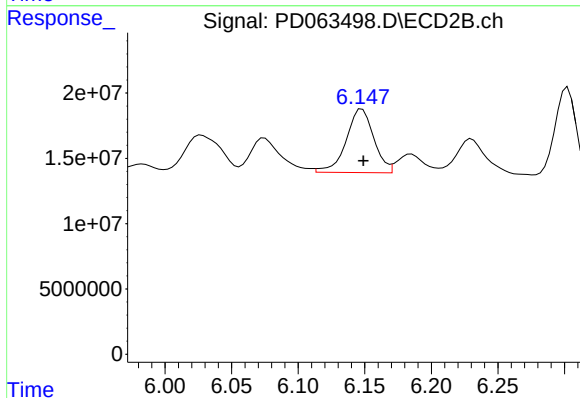
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 40885482  
Conc: 16.55 ng/ml



#26 Chlordane-4

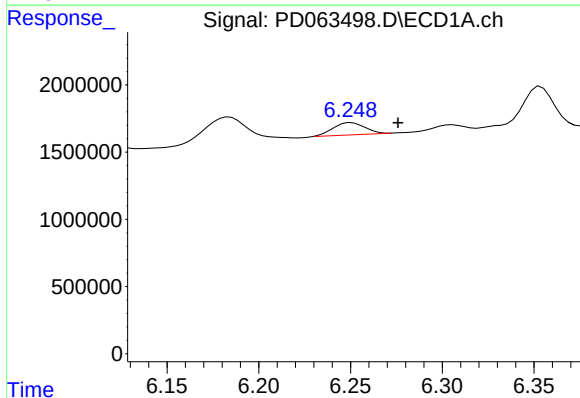
R.T.: 5.436 min  
Delta R.T.: -0.004 min  
Response: 5297100  
Conc: 38.00 ng/ml

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



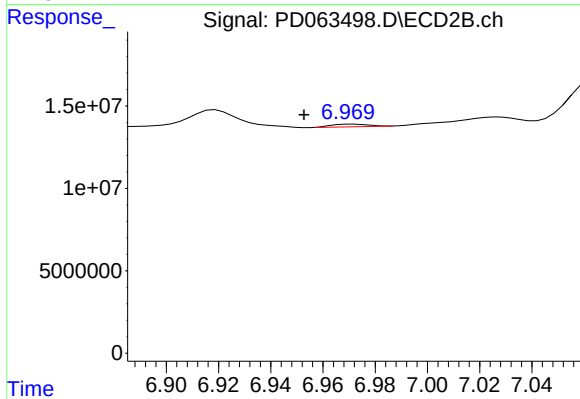
#26 Chlordane-4

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 70483562  
Conc: 24.66 ng/ml



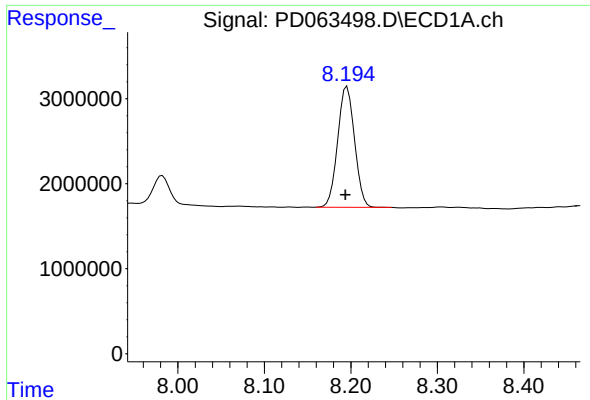
#27 Chlordane-5

R.T.: 6.250 min  
Delta R.T.: -0.025 min  
Response: 1101405  
Conc: 19.90 ng/ml



#27 Chlordane-5

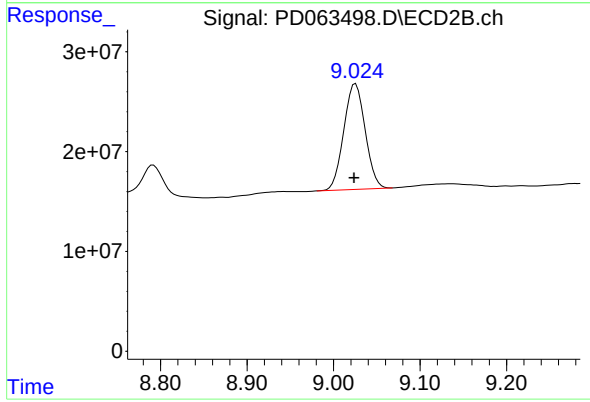
R.T.: 6.972 min  
Delta R.T.: 0.019 min  
Response: 1599354  
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: 0.002 min  
Response: 19159169  
Conc: 12.18 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 181233006  
Conc: 13.12 ng/ml