

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041822\  
 Data File : PD069178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2022 15:10  
 Operator : AR\AJ  
 Sample : N2399-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 04:19:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 18 13:40:55 2022  
 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... | 3.451  | 4.171  | 20147690 | 91084214  | 18.150   | 8.495 #   |
| 2)                          | SA Decachlor... | 8.203  | 9.365  | 18104892 | 63943193  | 14.500   | 9.771 #   |
| Target Compounds            |                 |        |        |          |           |          |           |
| 3)                          | MA gamma-BHC... | 4.144f | 4.855  | 38158461 | -16647359 | 22.307   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.463  | 5.413f | 6932528  | 69261531  | 4.675    | 5.070     |
| 5)                          | MB Aldrin       | 4.713  | 5.714f | 7997820  | 40811928  | 5.492    | 3.088 #   |
| 6)                          | B beta-BHC      | 4.414  | 5.049f | 33328908 | 2225489   | 47.940   | 0.362 #   |
| 7)                          | B delta-BHC     | 4.649f | 5.233  | 5256023  | 30610470  | 3.543    | 2.283 #   |
| 8)                          | B Heptachlo...  | 5.147  | 6.057f | 24204769 | 18892800  | 17.658   | 1.596 #   |
| 9)                          | A Endosulfan I  | 5.497  | 6.448  | 6056320  | 51534967  | 4.693    | 4.772     |
| 10)                         | B gamma-Chl...  | 5.370  | 6.323  | 4080692  | 57977975  | 2.936    | 4.979 #   |
| 11)                         | B alpha-Chl...  | 5.442  | 6.410  | 16295888 | 3165981   | 11.849   | 0.277 #   |
| 12)                         | B 4,4'-DDE      | 5.611  | 6.539  | 5423338  | 21649380  | 4.286    | 2.004 #   |
| 13)                         | MA Dieldrin     | 5.753  | 6.681f | 692459   | 18593423  | 0.513    | 1.668 #   |
| 14)                         | MA Endrin       | 6.006  | 6.908f | 1660266  | 57556422  | 1.373    | 6.346 #   |
| 15)                         | B Endosulfa...  | 6.270  | 7.110f | 6238373  | 173.2E6   | 5.391    | 20.023 #  |
| 16)                         | A 4,4'-DDD      | 6.136  | 7.036  | 7507213  | 81676862  | 6.888    | 9.483 #   |
| 17)                         | MA 4,4'-DDT     | 6.353  | 7.344  | 1417446  | 107.7E6   | 1.318    | 12.420 #  |
| 18)                         | B Endrin al...  | 6.430  | 7.249  | 1628386  | 80904080  | 1.764    | 11.703 #  |
| 19)                         | B Endosulfa...  | 6.655  | 7.474  | 850372   | 6780569   | 0.703    | 0.794     |
| 20)                         | A Methoxychlor  | 6.927  | 7.799  | 1314749  | 78502492  | 2.070    | 18.209 #  |
| 21)                         | B Endrin ke...  | 7.149  | 7.938f | 143170   | 12318701  | 0.102    | 1.362 #   |
| 22)                         | Mirex           | 7.335  | 8.396f | 2568868  | 6304850   | 2.258    | 0.978 #   |
| 23)                         | Chlordane-1     | 4.325  | 5.205  | 42008130 | 60123513  | 1014.981 | 125.180 # |
| 24)                         | Chlordane-2     | 4.824  | 5.658  | 586354   | 57499088  | 11.760   | 125.249 # |
| 25)                         | Chlordane-3     | 5.370  | 6.323  | 4080692  | 57977975  | 29.993   | 35.614    |
| 26)                         | Chlordane-4     | 5.442  | 6.410  | 16295888 | 3165981   | 142.533  | 1.670 #   |
| 27)                         | Chlordane-5     | 6.270  | 7.223  | 6238373  | 119.1E6   | 137.944  | 327.410 # |
| -----                       |                 |        |        |          |           |          |           |

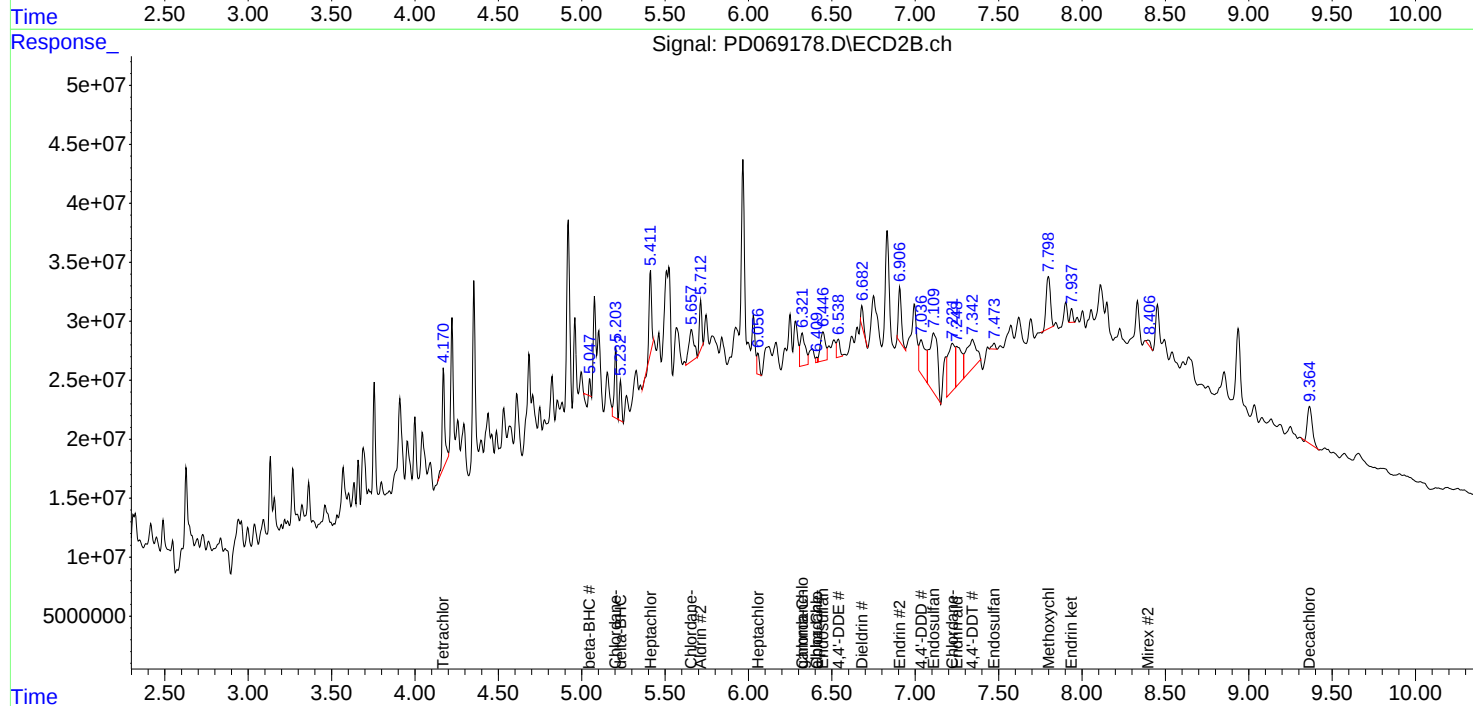
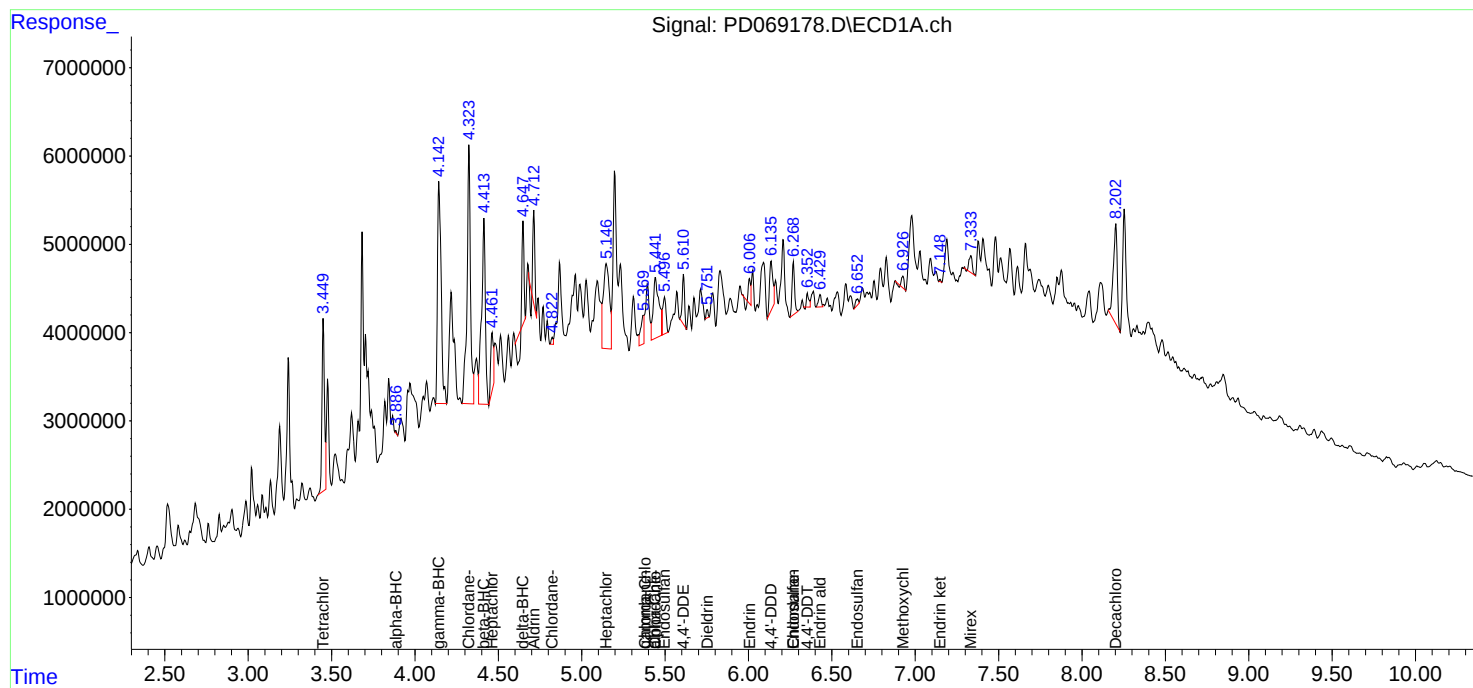
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

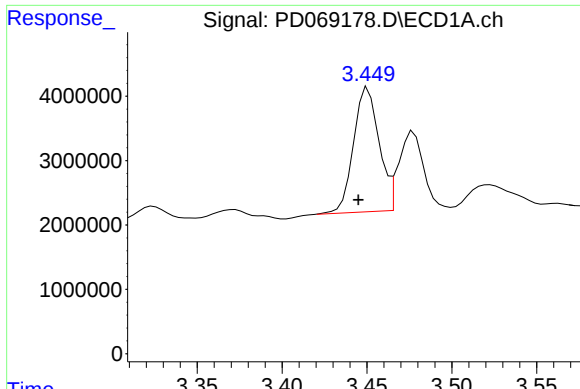
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041822\  
 Data File : PD069178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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 Operator : AR\AJ  
 Sample : N2399-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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Integration File signal 1: autoint1.e  
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 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

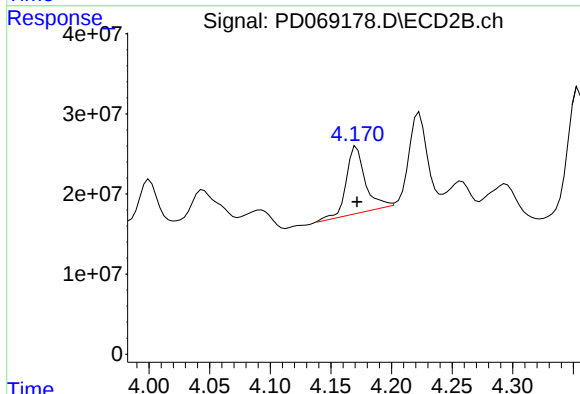




#1 Tetrachloro-m-xylene

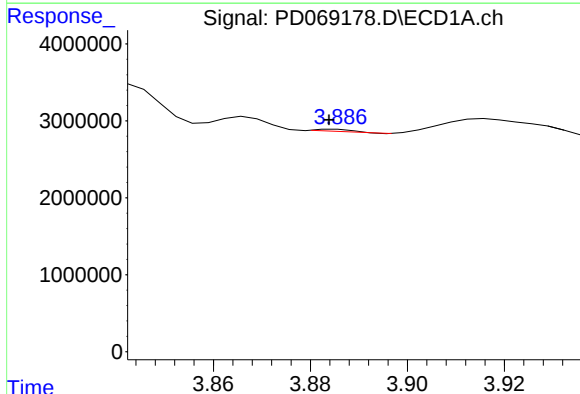
R.T.: 3.451 min  
Delta R.T.: 0.006 min  
Response: 20147690  
Conc: 18.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



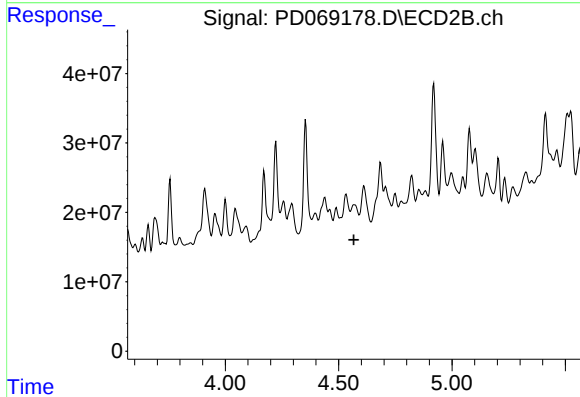
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 91084214  
Conc: 8.50 ng/ml



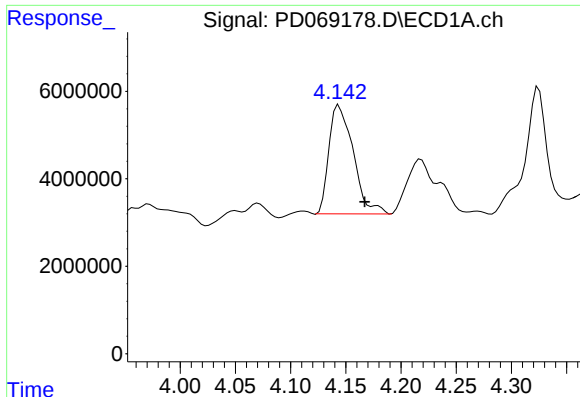
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.002 min  
Response: 151296  
Conc: 0.09 ng/ml



#2 alpha-BHC

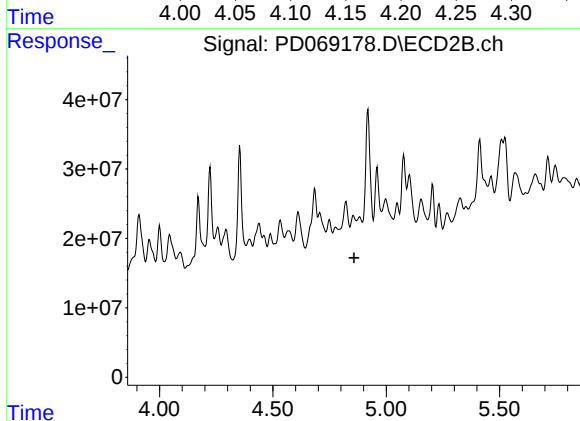
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: -2420624  
Conc: N.D.



#3 gamma-BHC (Lindane)

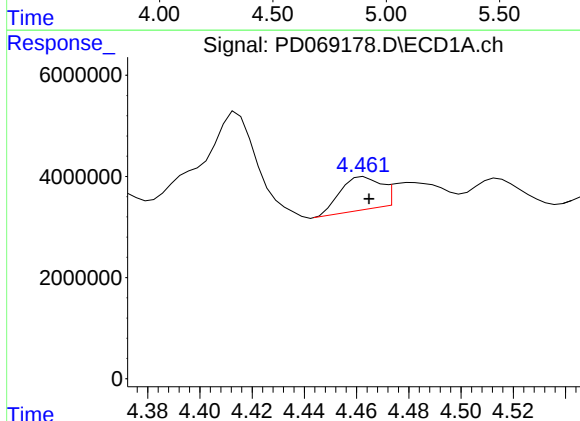
R.T.: 4.144 min  
Delta R.T.: -0.023 min  
Response: 38158461  
Conc: 22.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



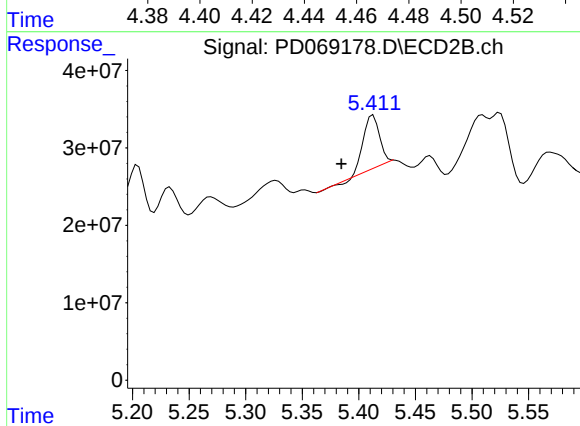
#3 gamma-BHC (Lindane)

R.T.: 4.855 min  
Delta R.T.: -0.003 min  
Response: -16647359  
Conc: N.D.



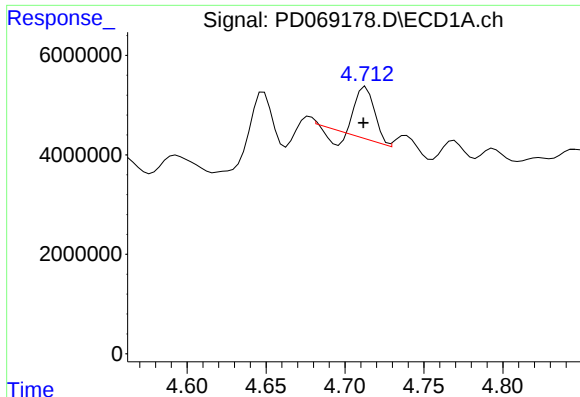
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 6932528  
Conc: 4.67 ng/ml



#4 Heptachlor

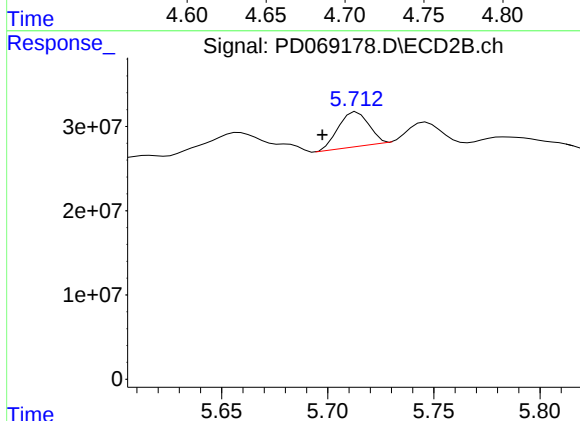
R.T.: 5.413 min  
Delta R.T.: 0.028 min  
Response: 69261531  
Conc: 5.07 ng/ml



#5 Aldrin

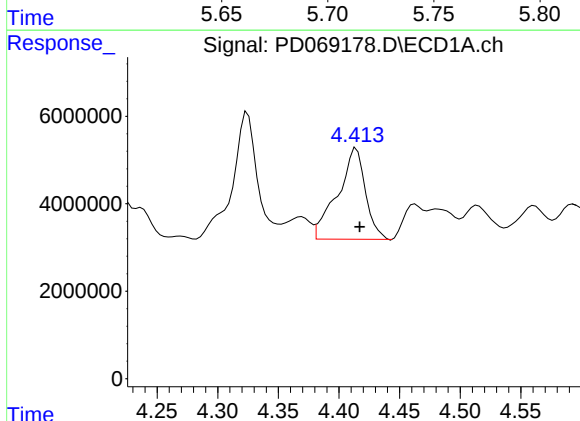
R.T.: 4.713 min  
Delta R.T.: 0.002 min  
Response: 7997820  
Conc: 5.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



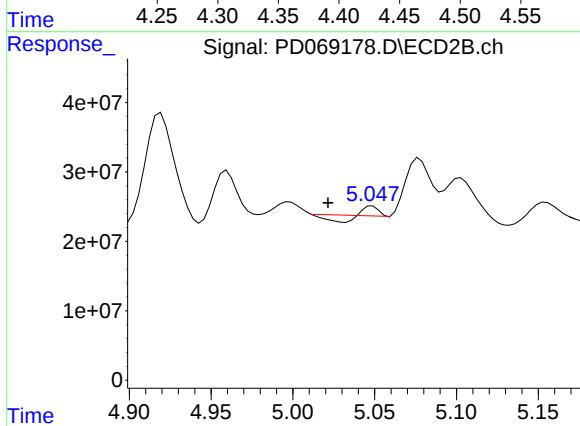
#5 Aldrin

R.T.: 5.714 min  
Delta R.T.: 0.016 min  
Response: 40811928  
Conc: 3.09 ng/ml



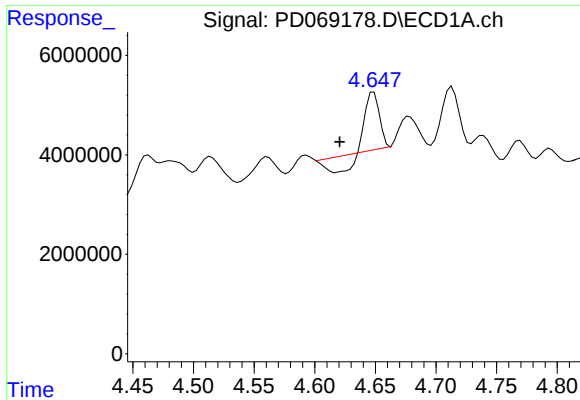
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: -0.003 min  
Response: 33328908  
Conc: 47.94 ng/ml



#6 beta-BHC

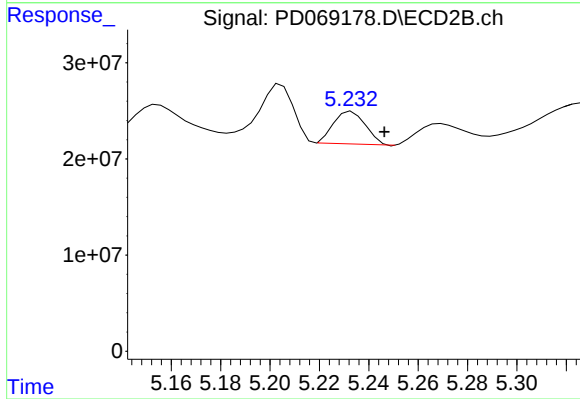
R.T.: 5.049 min  
Delta R.T.: 0.027 min  
Response: 2225489  
Conc: 0.36 ng/ml



#7 delta-BHC

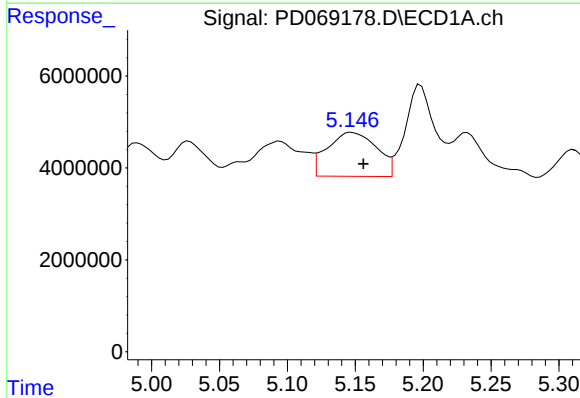
R.T.: 4.649 min  
Delta R.T.: 0.028 min  
Response: 5256023  
Conc: 3.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



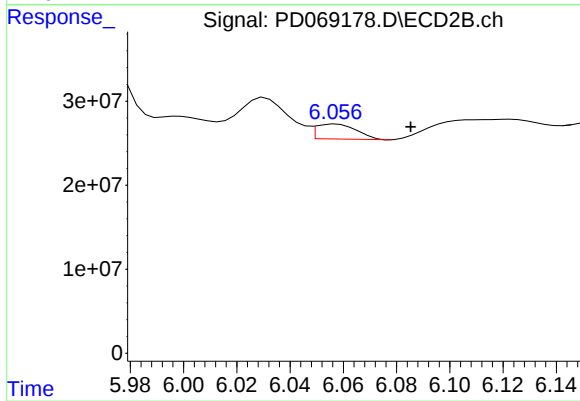
#7 delta-BHC

R.T.: 5.233 min  
Delta R.T.: -0.013 min  
Response: 30610470  
Conc: 2.28 ng/ml



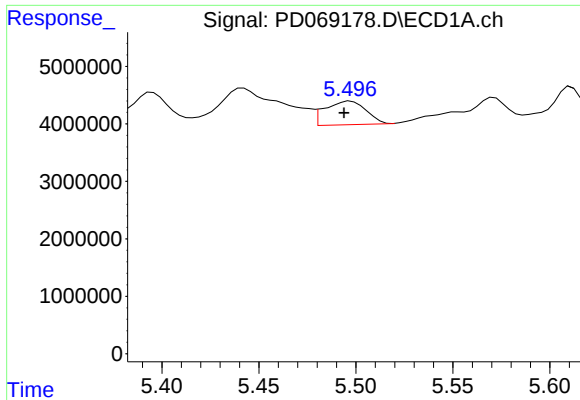
#8 Heptachlor epoxide

R.T.: 5.147 min  
Delta R.T.: -0.009 min  
Response: 24204769  
Conc: 17.66 ng/ml



#8 Heptachlor epoxide

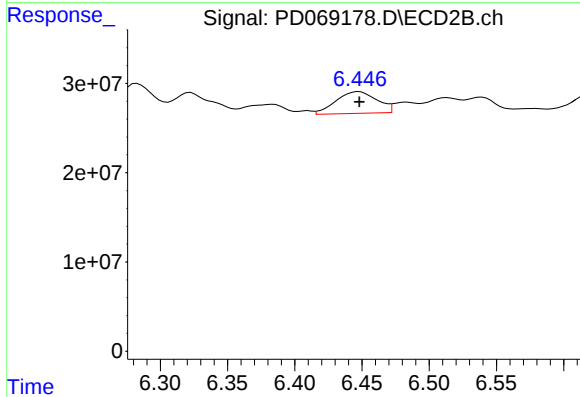
R.T.: 6.057 min  
Delta R.T.: -0.028 min  
Response: 18892800  
Conc: 1.60 ng/ml



#9 Endosulfan I

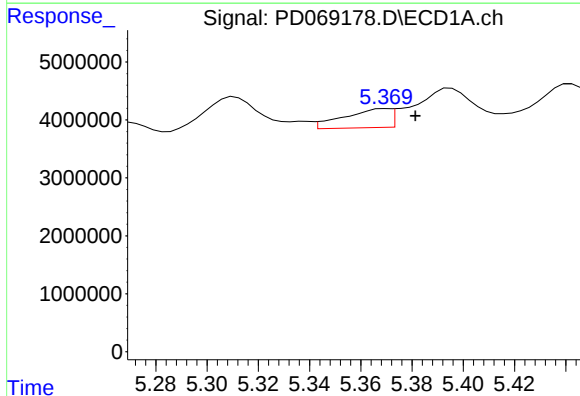
R.T.: 5.497 min  
Delta R.T.: 0.003 min  
Response: 6056320  
Conc: 4.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



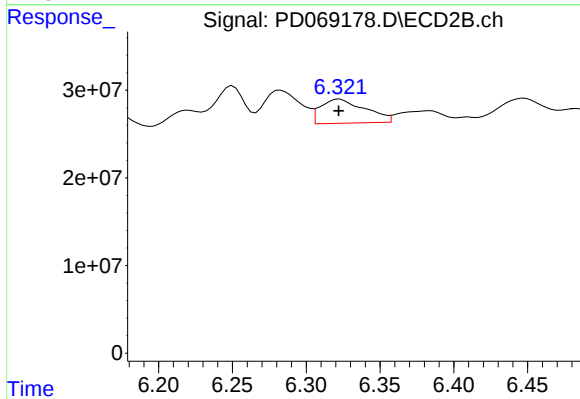
#9 Endosulfan I

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 51534967  
Conc: 4.77 ng/ml



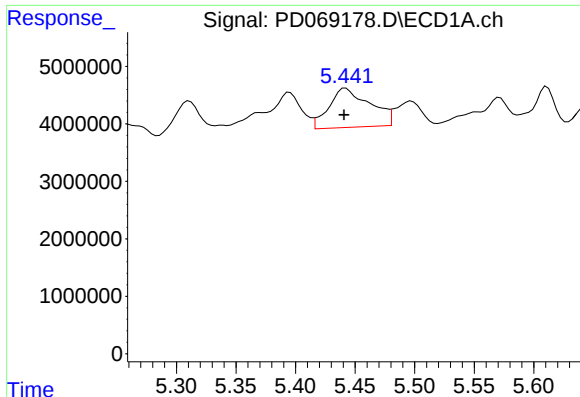
#10 gamma-Chlordane

R.T.: 5.370 min  
Delta R.T.: -0.011 min  
Response: 4080692  
Conc: 2.94 ng/ml



#10 gamma-Chlordane

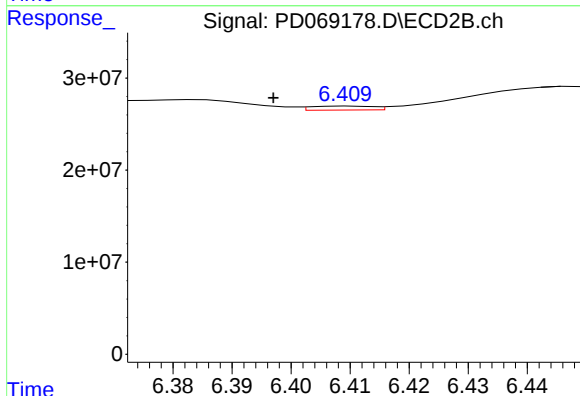
R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 57977975  
Conc: 4.98 ng/ml



#11 alpha-Chlordane

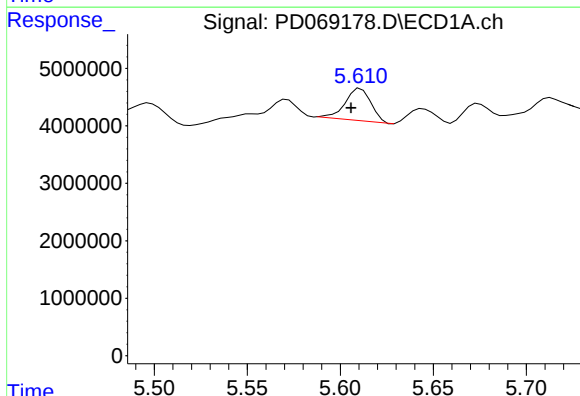
R.T.: 5.442 min  
Delta R.T.: 0.001 min  
Response: 16295888  
Conc: 11.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



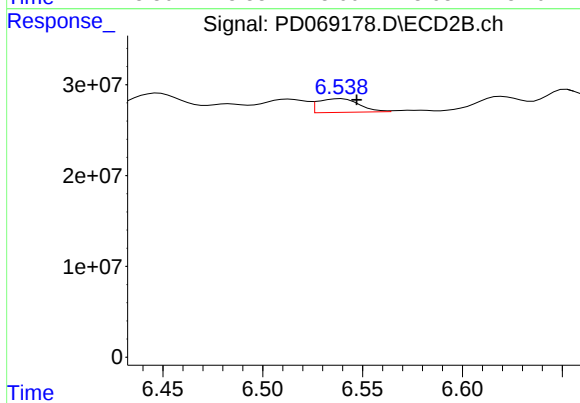
#11 alpha-Chlordane

R.T.: 6.410 min  
Delta R.T.: 0.013 min  
Response: 3165981  
Conc: 0.28 ng/ml



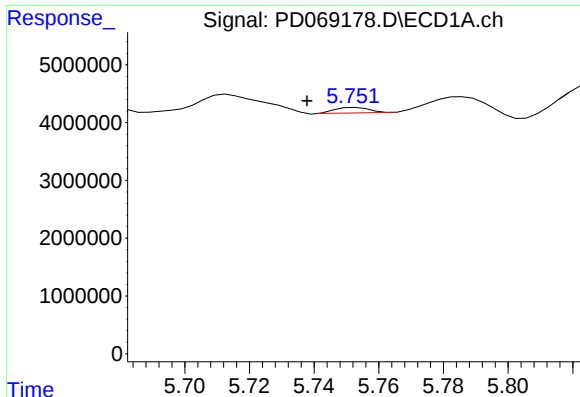
#12 4,4'-DDE

R.T.: 5.611 min  
Delta R.T.: 0.005 min  
Response: 5423338  
Conc: 4.29 ng/ml



#12 4,4'-DDE

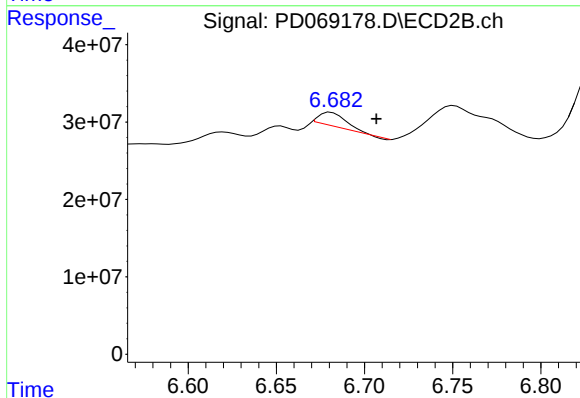
R.T.: 6.539 min  
Delta R.T.: -0.008 min  
Response: 21649380  
Conc: 2.00 ng/ml



#13 Dieldrin

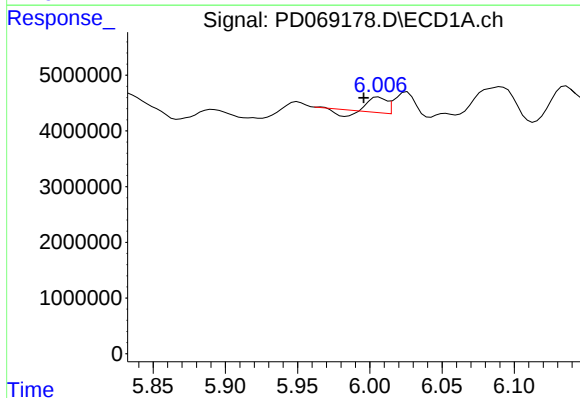
R.T.: 5.753 min  
Delta R.T.: 0.015 min  
Response: 692459  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



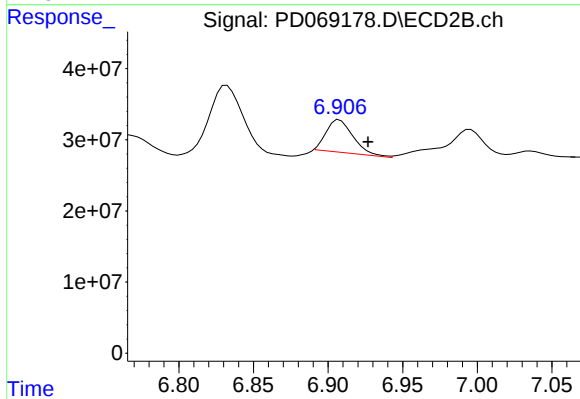
#13 Dieldrin

R.T.: 6.681 min  
Delta R.T.: -0.026 min  
Response: 18593423  
Conc: 1.67 ng/ml



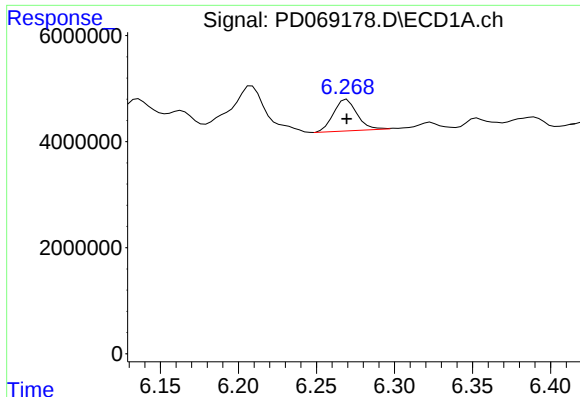
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: 0.010 min  
Response: 1660266  
Conc: 1.37 ng/ml



#14 Endrin

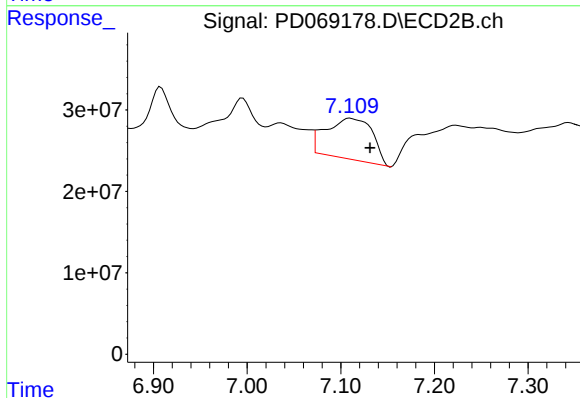
R.T.: 6.908 min  
Delta R.T.: -0.019 min  
Response: 57556422  
Conc: 6.35 ng/ml



#15 Endosulfan II

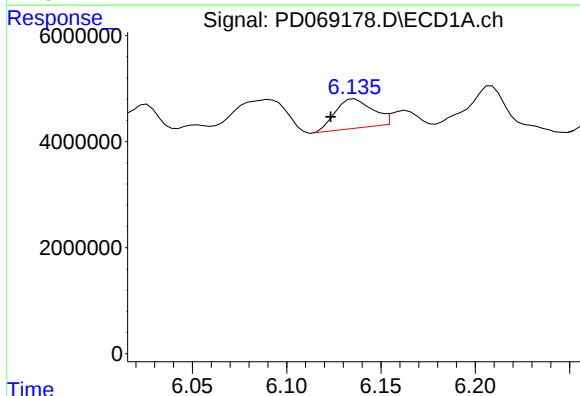
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 6238373  
Conc: 5.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



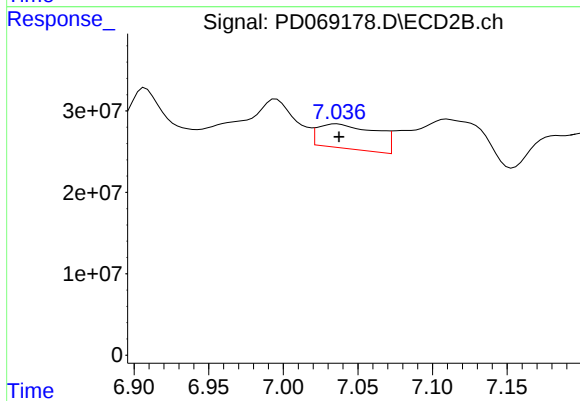
#15 Endosulfan II

R.T.: 7.110 min  
Delta R.T.: -0.021 min  
Response: 173239659  
Conc: 20.02 ng/ml



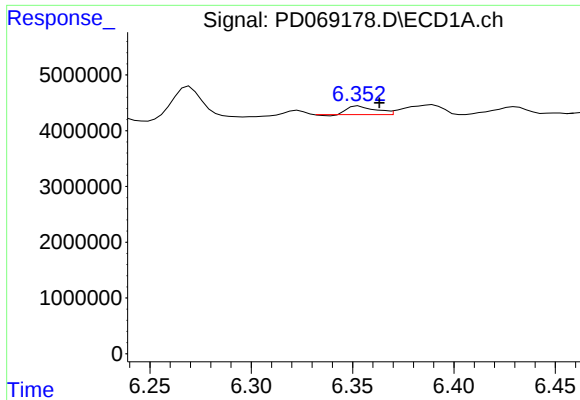
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.013 min  
Response: 7507213  
Conc: 6.89 ng/ml



#16 4,4'-DDD

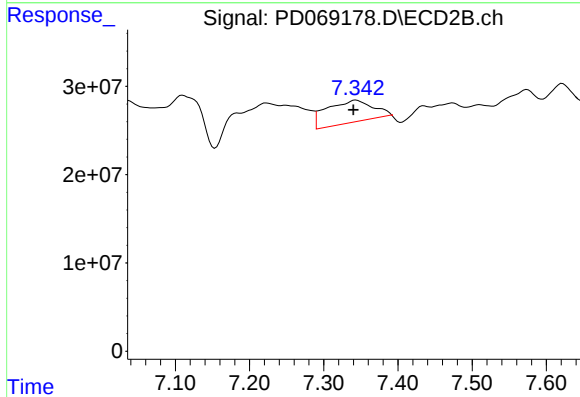
R.T.: 7.036 min  
Delta R.T.: -0.002 min  
Response: 81676862  
Conc: 9.48 ng/ml



#17 4,4'-DDT

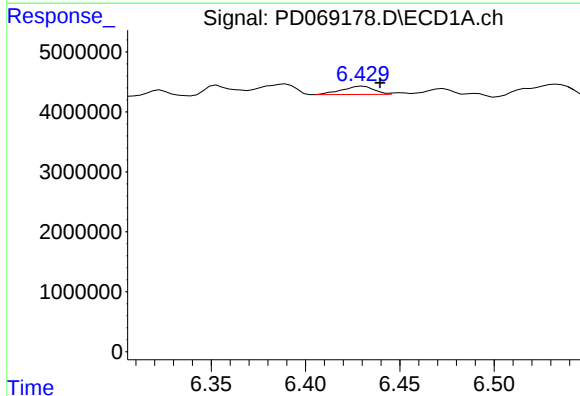
R.T.: 6.353 min  
Delta R.T.: -0.010 min  
Response: 1417446  
Conc: 1.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



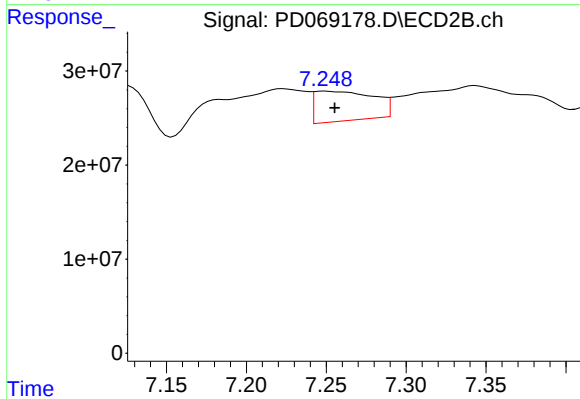
#17 4,4'-DDT

R.T.: 7.344 min  
Delta R.T.: 0.003 min  
Response: 107724787  
Conc: 12.42 ng/ml



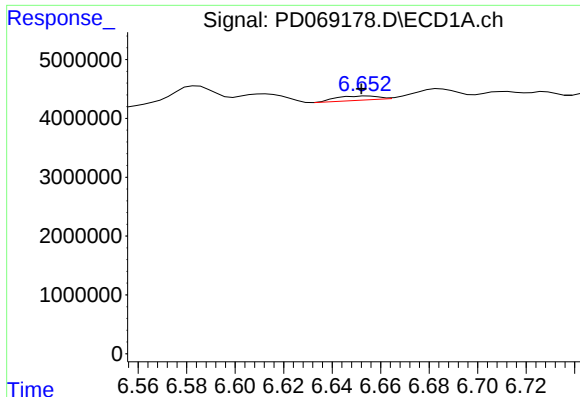
#18 Endrin aldehyde

R.T.: 6.430 min  
Delta R.T.: -0.009 min  
Response: 1628386  
Conc: 1.76 ng/ml



#18 Endrin aldehyde

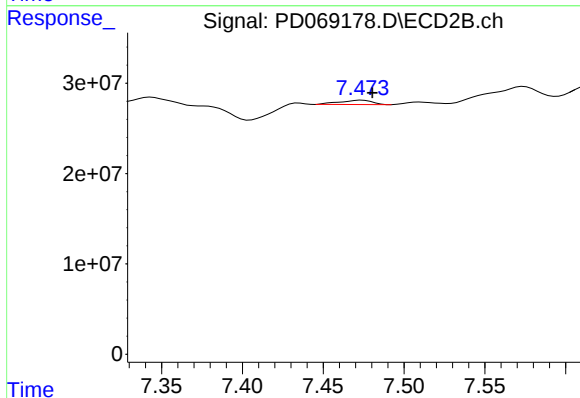
R.T.: 7.249 min  
Delta R.T.: -0.006 min  
Response: 80904080  
Conc: 11.70 ng/ml



#19 Endosulfan Sulfate

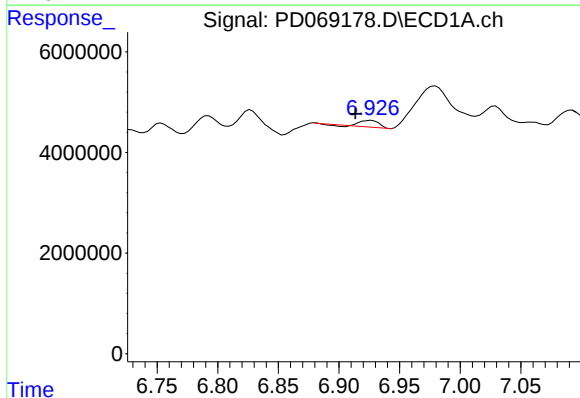
R.T.: 6.655 min  
Delta R.T.: 0.003 min  
Response: 850372  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



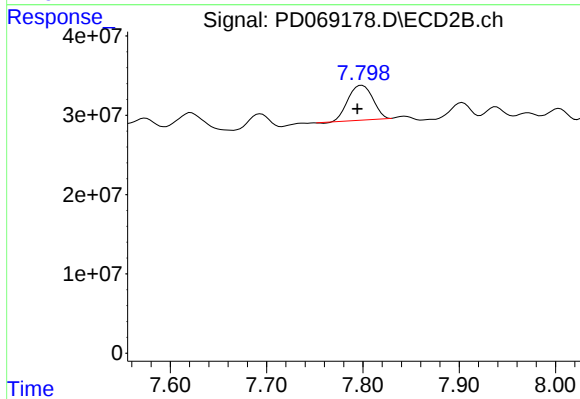
#19 Endosulfan Sulfate

R.T.: 7.474 min  
Delta R.T.: -0.006 min  
Response: 6780569  
Conc: 0.79 ng/ml



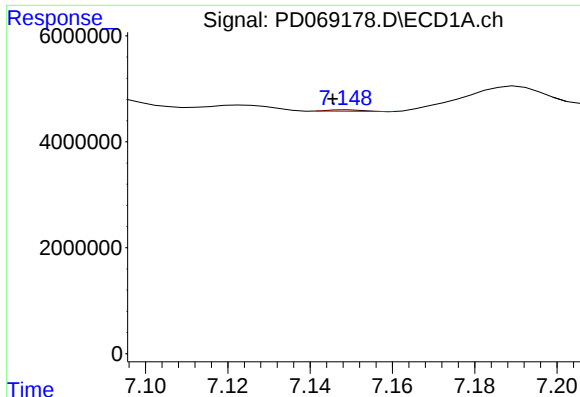
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.013 min  
Response: 1314749  
Conc: 2.07 ng/ml



#20 Methoxychlor

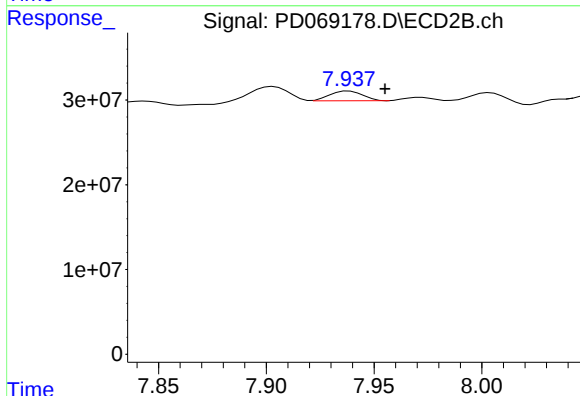
R.T.: 7.799 min  
Delta R.T.: 0.005 min  
Response: 78502492  
Conc: 18.21 ng/ml



#21 Endrin ketone

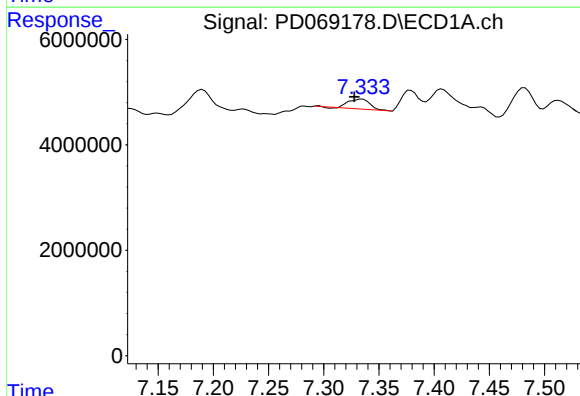
R.T.: 7.149 min  
Delta R.T.: 0.004 min  
Response: 143170  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



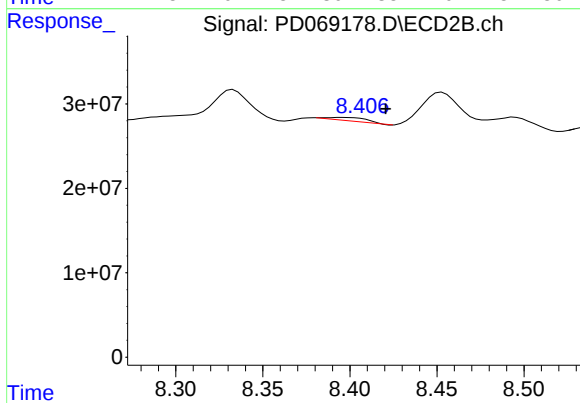
#21 Endrin ketone

R.T.: 7.938 min  
Delta R.T.: -0.017 min  
Response: 12318701  
Conc: 1.36 ng/ml



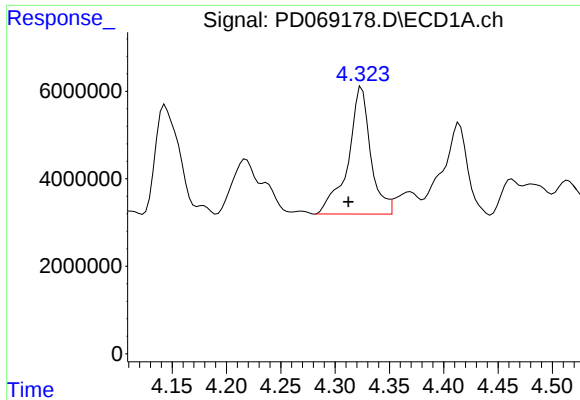
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: 0.007 min  
Response: 2568868  
Conc: 2.26 ng/ml



#22 Mirex

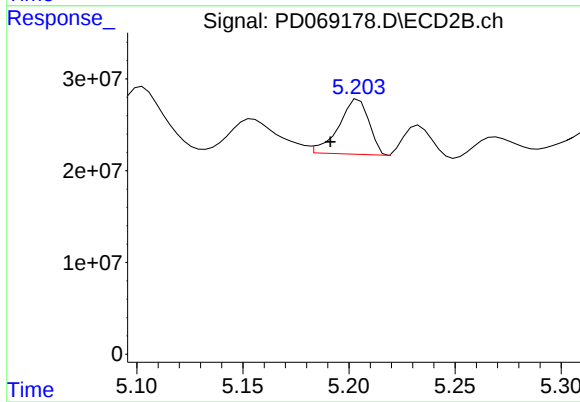
R.T.: 8.396 min  
Delta R.T.: -0.024 min  
Response: 6304850  
Conc: 0.98 ng/ml



#23 Chlordane-1

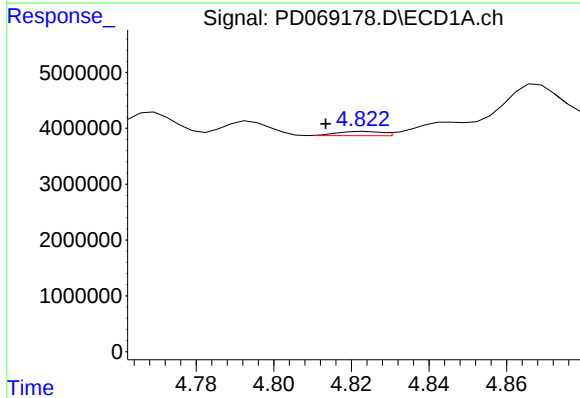
R.T.: 4.325 min  
Delta R.T.: 0.012 min  
Response: 42008130  
Conc: 1014.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



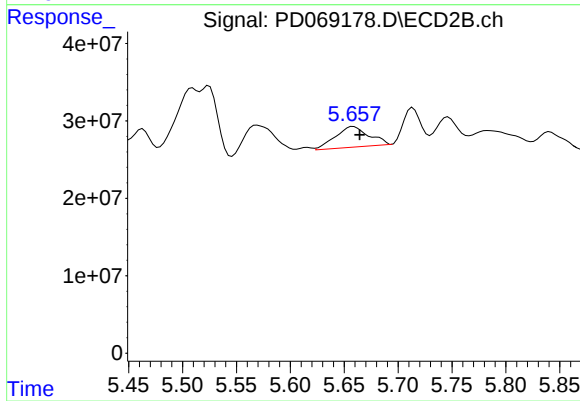
#23 Chlordane-1

R.T.: 5.205 min  
Delta R.T.: 0.013 min  
Response: 60123513  
Conc: 125.18 ng/ml



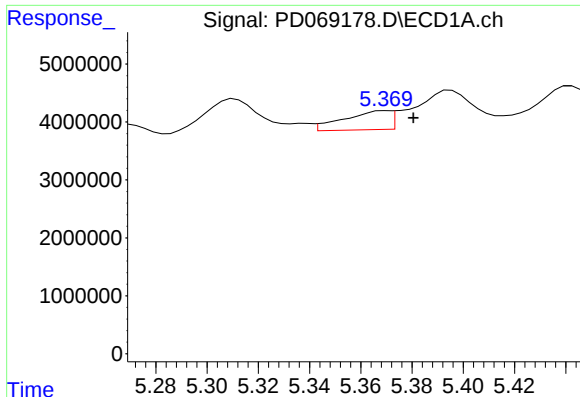
#24 Chlordane-2

R.T.: 4.824 min  
Delta R.T.: 0.010 min  
Response: 586354  
Conc: 11.76 ng/ml



#24 Chlordane-2

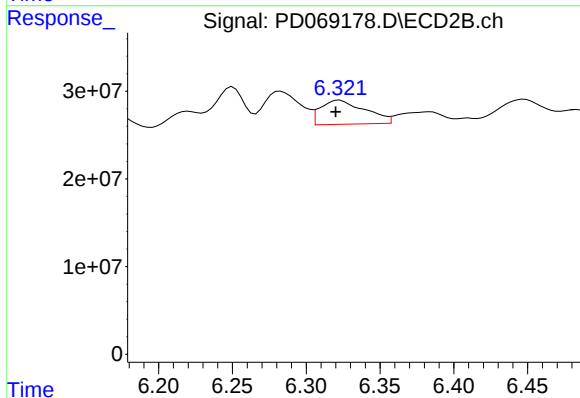
R.T.: 5.658 min  
Delta R.T.: -0.006 min  
Response: 57499088  
Conc: 125.25 ng/ml



#25 Chlordane-3

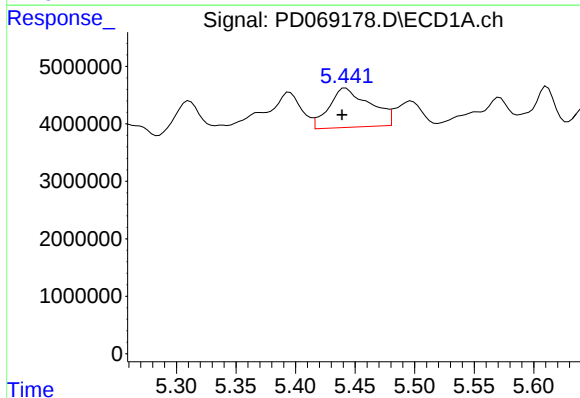
R.T.: 5.370 min  
Delta R.T.: -0.010 min  
Response: 4080692  
Conc: 29.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



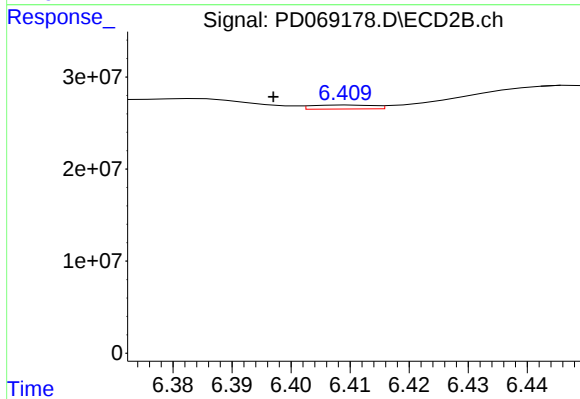
#25 Chlordane-3

R.T.: 6.323 min  
Delta R.T.: 0.003 min  
Response: 57977975  
Conc: 35.61 ng/ml



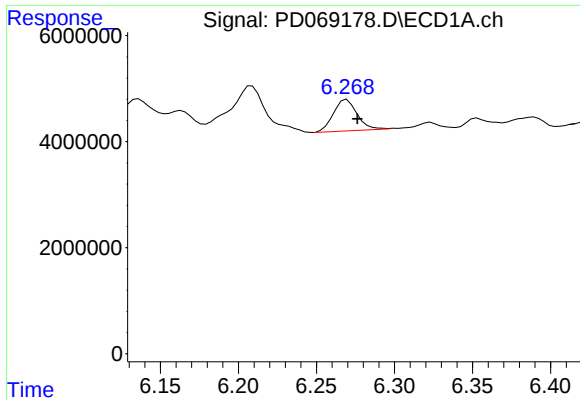
#26 Chlordane-4

R.T.: 5.442 min  
Delta R.T.: 0.003 min  
Response: 16295888  
Conc: 142.53 ng/ml



#26 Chlordane-4

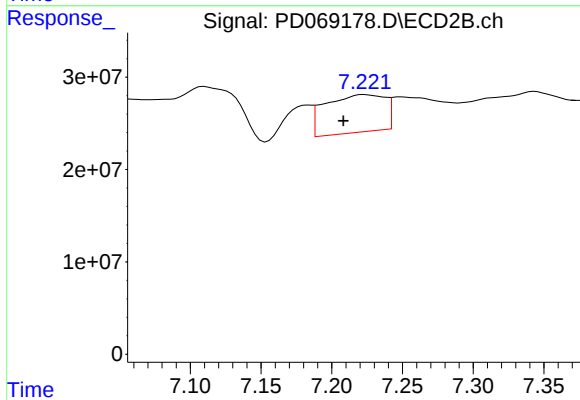
R.T.: 6.410 min  
Delta R.T.: 0.013 min  
Response: 3165981  
Conc: 1.67 ng/ml



#27 Chlordane-5

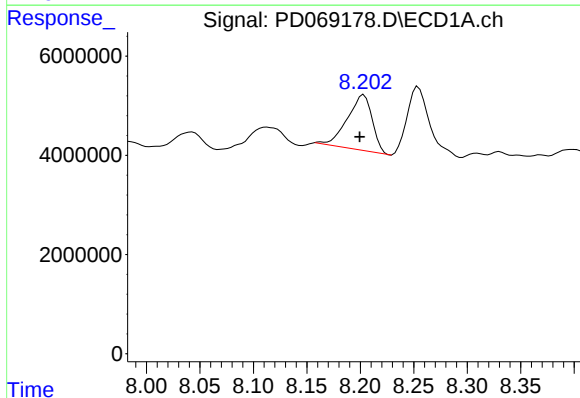
R.T.: 6.270 min  
Delta R.T.: -0.007 min  
Response: 6238373  
Conc: 137.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



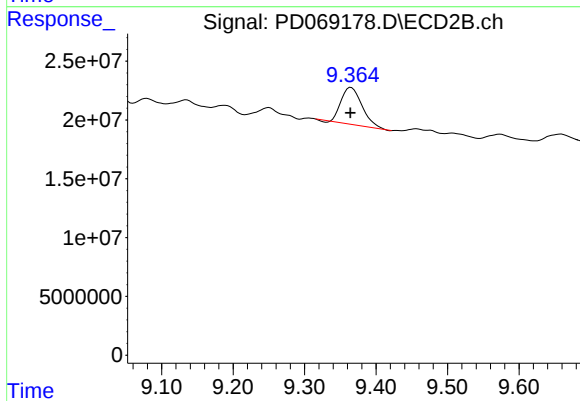
#27 Chlordane-5

R.T.: 7.223 min  
Delta R.T.: 0.015 min  
Response: 119138850  
Conc: 327.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: 0.004 min  
Response: 18104892  
Conc: 14.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.365 min  
Delta R.T.: 0.000 min  
Response: 63943193  
Conc: 9.77 ng/ml