

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121021\  
 Data File : PD067260.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2021 13:36  
 Operator : AR\AJ  
 Sample : M4978-01  
 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: Dec 10 21:52:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 17:33:19 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... | 3.442  | 3.966  | 35444955 | 45453418 | 17.154  | 6.262 #  |
| 28)                         | SA Decachlor... | 8.167  | 0.000  | 2406621  | 0        | 2.124   | N.D. #   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.859  | 4.375  | 8155452  | 6784690  | 2.428   | 0.652 #  |
| 3)                          | MA gamma-BHC... | 4.168  | 4.652  | 583119   | 21458272 | 0.181   | 2.252 #  |
| 4)                          | MA Heptachlor   | 4.466f | 5.140  | 14623381 | 4686015  | 4.495   | 0.521 #  |
| 5)                          | MB Aldrin       | 4.686  | 5.450  | 17231645 | 6719795  | 5.411   | 0.799 #  |
| 6)                          | B beta-BHC      | 4.401  | 4.810  | 9260235  | 64243085 | 6.784   | 14.573 # |
| 7)                          | B delta-BHC     | 4.621f | 5.044  | 363035   | 8332630  | 0.121   | 0.908 #  |
| 9)                          | A Endosulfan I  | 5.495f | 6.203  | 10053110 | 1551782  | 3.855   | 0.223 #  |
| 10)                         | B gamma-Chl...  | 5.370  | 6.053f | 17750877 | 5778941  | 6.104   | 0.785 #  |
| 11)                         | B alpha-Chl...  | 5.422  | 6.142  | 24723193 | 882460   | 8.703   | 0.121 #  |
| 12)                         | B 4,4'-DDE      | 5.583  | 6.284f | 1089903  | 22618534 | 0.406   | 3.269 #  |
| 13)                         | MA Dieldrin     | 5.721  | 6.432f | 2304980  | 47715196 | 0.825   | 6.506 #  |
| 14)                         | MA Endrin       | 5.939f | 6.679  | 1205122  | 16966461 | 0.528   | 3.022 #  |
| 15)                         | B Endosulfa...  | 6.255  | 6.870  | 2451864  | 24887194 | 1.094   | 4.146 #  |
| 16)                         | A 4,4'-DDD      | 6.108  | 6.803  | 17535819 | 23407212 | 8.344   | 4.002 #  |
| 17)                         | MA 4,4'-DDT     | 6.317f | 7.110f | 2092803  | 15232728 | 0.989   | 2.552 #  |
| 18)                         | B Endrin al...  | 6.404  | 7.013  | 6649377  | 29217679 | 3.976   | 6.230 #  |
| 19)                         | B Endosulfa...  | 6.611  | 7.250f | 5732249  | 15620422 | 2.826   | 2.602    |
| 20)                         | A Methoxychlor  | 6.894  | 7.561  | 5887550  | 4858211  | 5.308   | 1.508 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.692  | 0        | 29496391 | N.D.    | 4.079 #  |
| 22)                         | Mirex           | 7.297  | 8.151  | 2095119  | 16850435 | 1.306   | 3.440 #  |
| 23)                         | Chlordane-1     | 4.304  | 0.000  | 21070398 | 0        | 260.117 | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.414  | 0        | 291647   | N.D.    | 1.093 #  |
| 25)                         | Chlordane-3     | 5.370  | 6.053f | 17750877 | 5778941  | 64.487  | 6.050 #  |
| 26)                         | Chlordane-4     | 5.422  | 6.142  | 24723193 | 882460   | 108.310 | 0.794 #  |
| 27)                         | Chlordane-5     | 6.255  | 6.937f | 2451864  | 11371949 | 26.983  | 52.454 # |
| -----                       |                 |        |        |          |          |         |          |

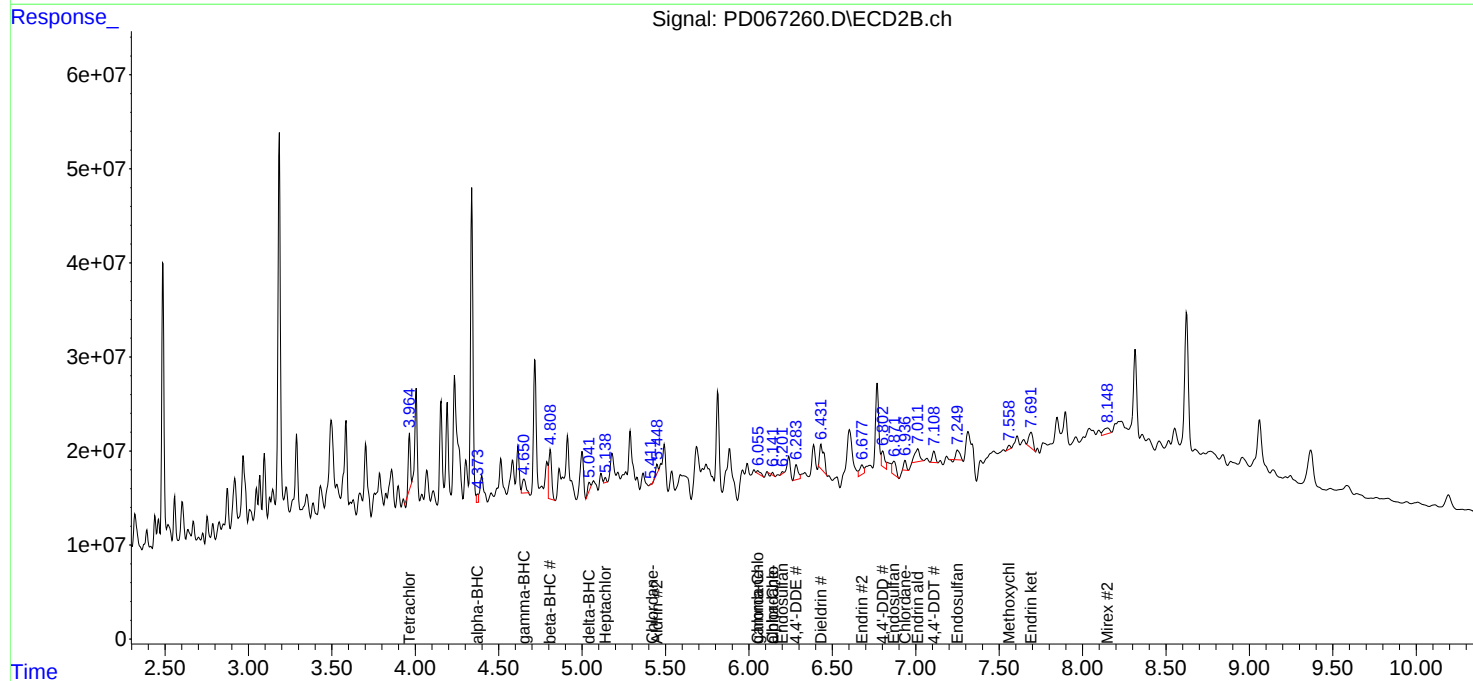
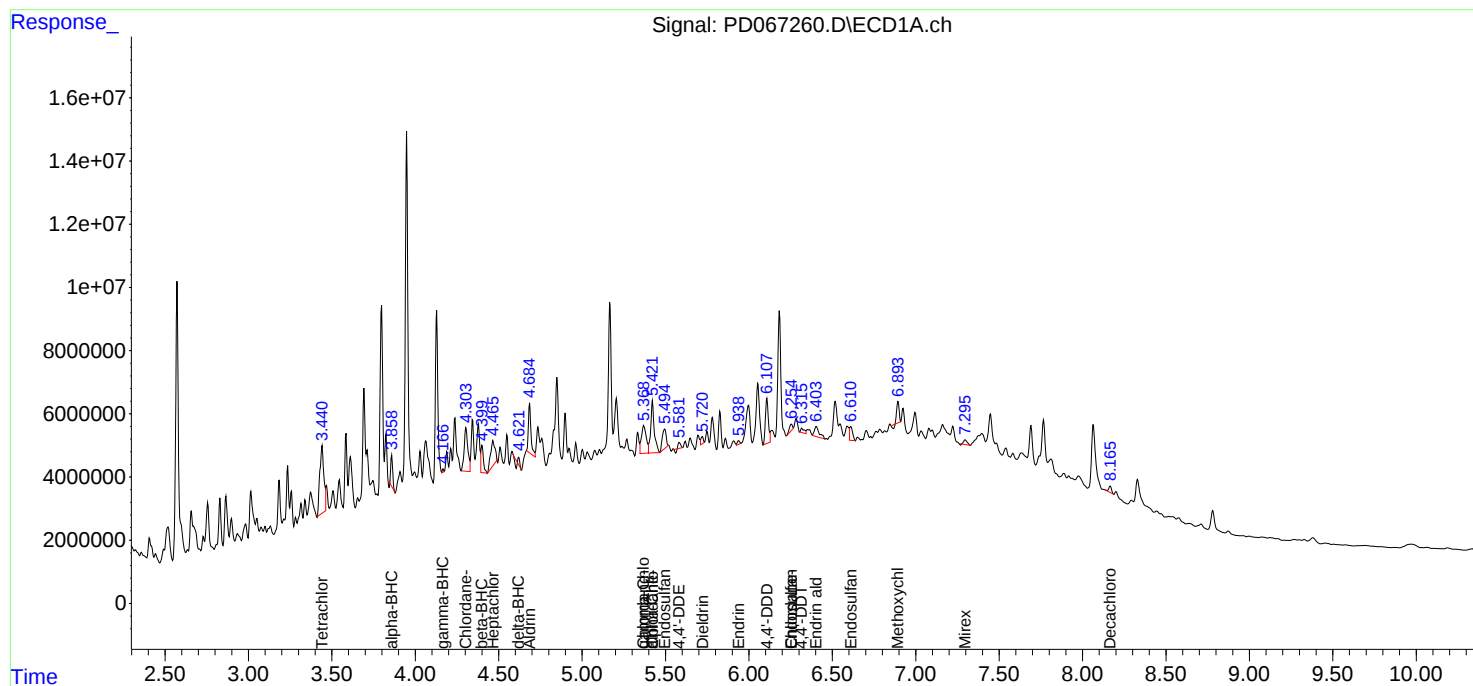
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

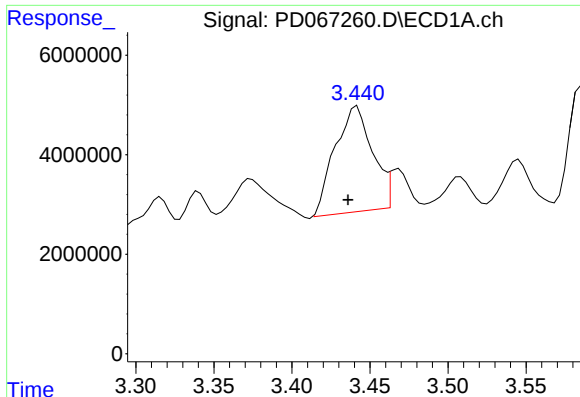
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121021\  
Data File : PD067260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Dec 2021 13:36  
Operator : AR\AJ  
Sample : M4978-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 21:52:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 17:33:19 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

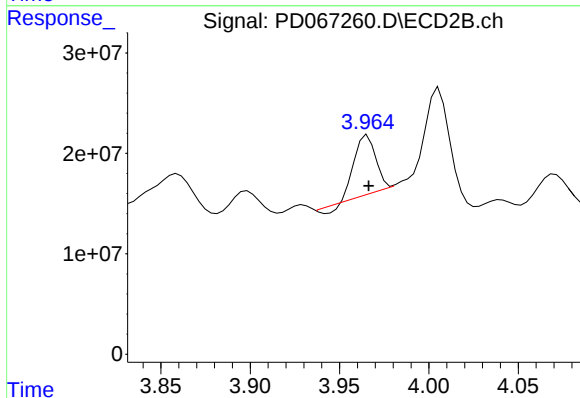




#1 Tetrachloro-m-xylene

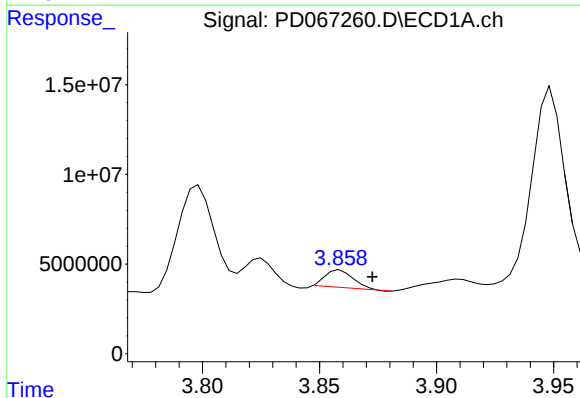
R.T.: 3.442 min  
Delta R.T.: 0.006 min  
Response: 35444955  
Conc: 17.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



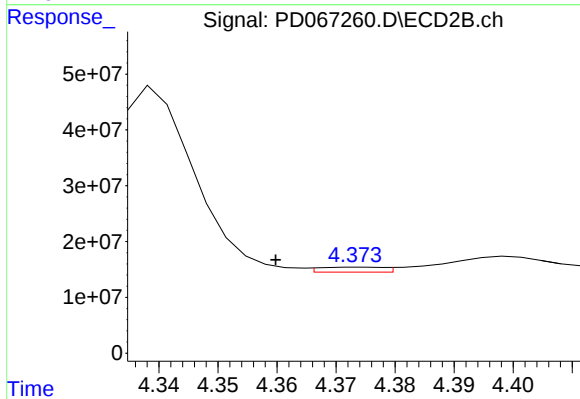
#1 Tetrachloro-m-xylene

R.T.: 3.966 min  
Delta R.T.: 0.000 min  
Response: 45453418  
Conc: 6.26 ng/ml



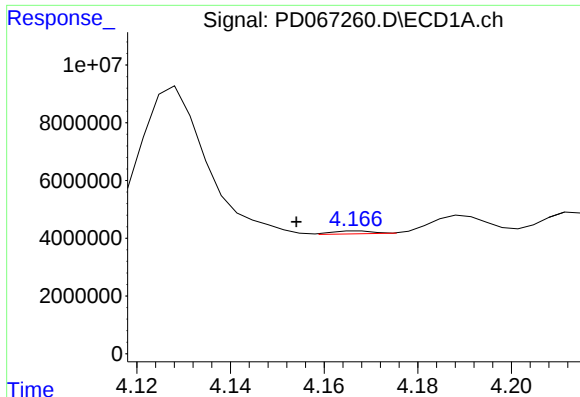
#2 alpha-BHC

R.T.: 3.859 min  
Delta R.T.: -0.014 min  
Response: 8155452  
Conc: 2.43 ng/ml



#2 alpha-BHC

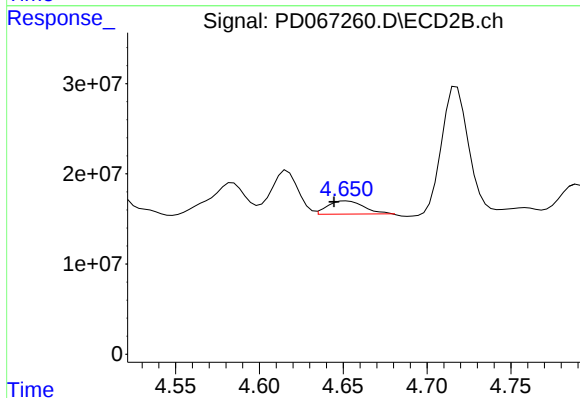
R.T.: 4.375 min  
Delta R.T.: 0.015 min  
Response: 6784690  
Conc: 0.65 ng/ml



#3 gamma-BHC (Lindane)

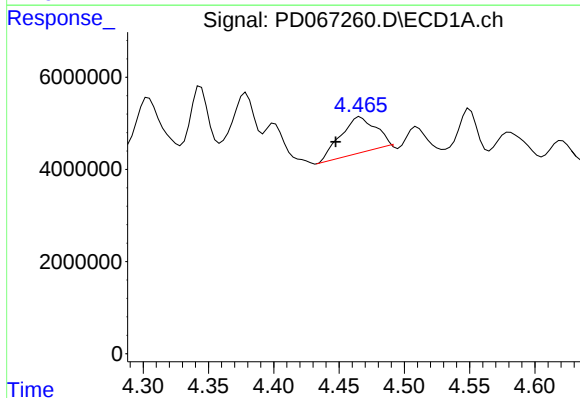
R.T.: 4.168 min  
Delta R.T.: 0.014 min  
Response: 583119  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



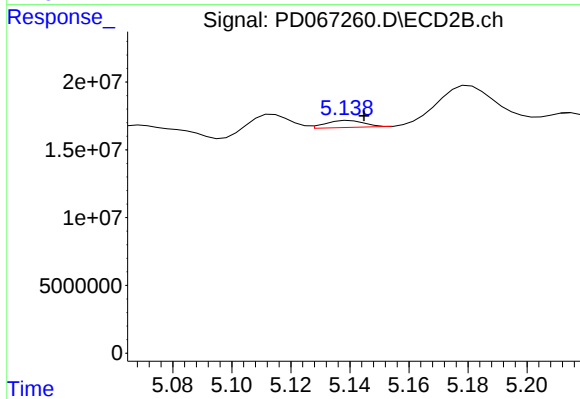
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: 0.007 min  
Response: 21458272  
Conc: 2.25 ng/ml



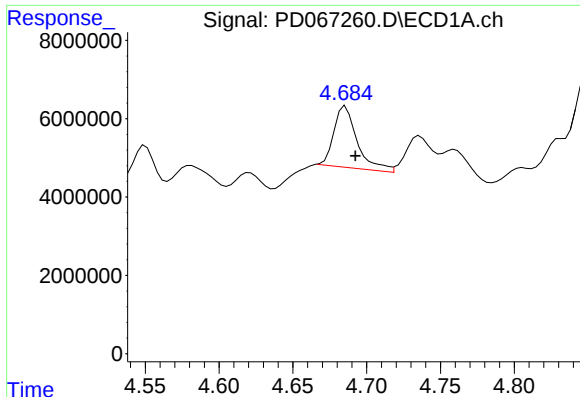
#4 Heptachlor

R.T.: 4.466 min  
Delta R.T.: 0.019 min  
Response: 14623381  
Conc: 4.49 ng/ml



#4 Heptachlor

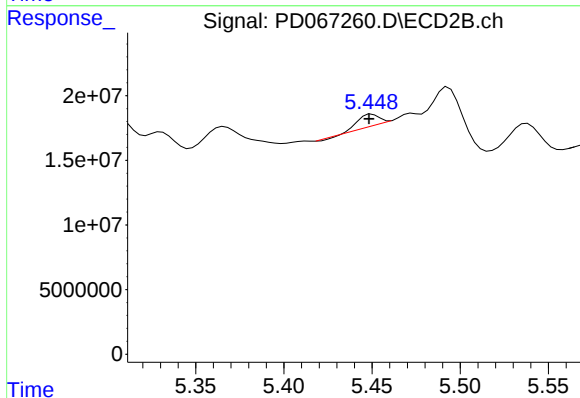
R.T.: 5.140 min  
Delta R.T.: -0.005 min  
Response: 4686015  
Conc: 0.52 ng/ml



#5 Aldrin

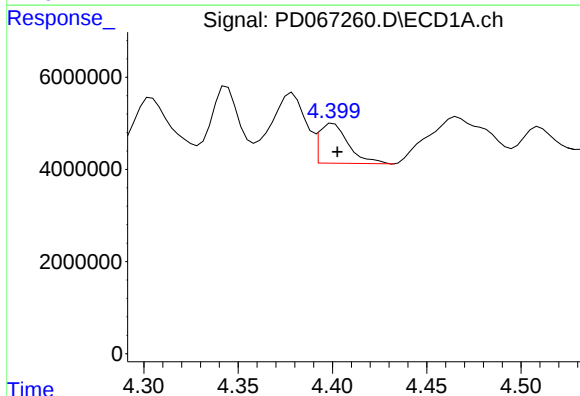
R.T.: 4.686 min  
Delta R.T.: -0.007 min  
Response: 17231645  
Conc: 5.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



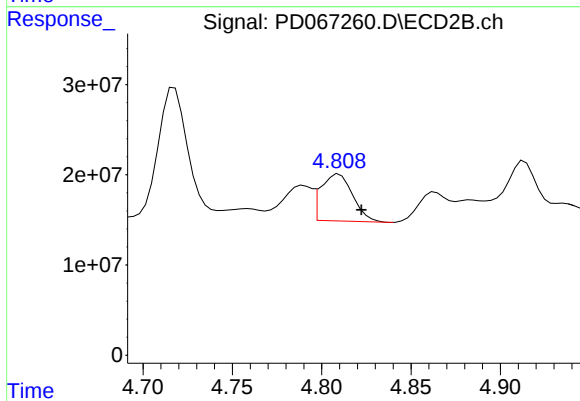
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: 0.002 min  
Response: 6719795  
Conc: 0.80 ng/ml



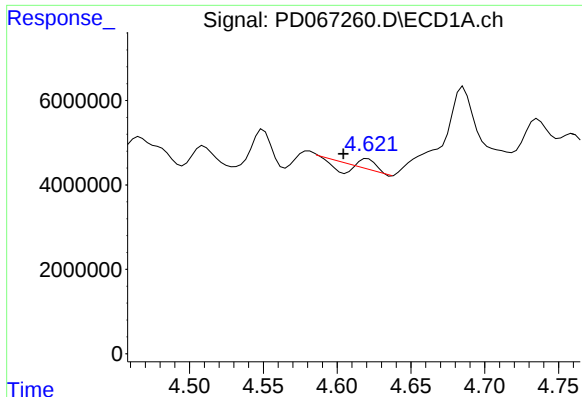
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: -0.002 min  
Response: 9260235  
Conc: 6.78 ng/ml



#6 beta-BHC

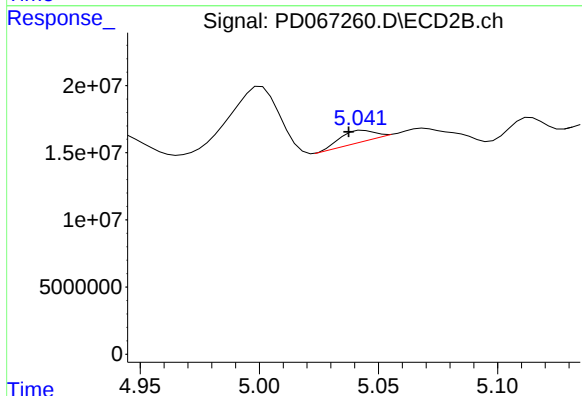
R.T.: 4.810 min  
Delta R.T.: -0.013 min  
Response: 64243085  
Conc: 14.57 ng/ml



#7 delta-BHC

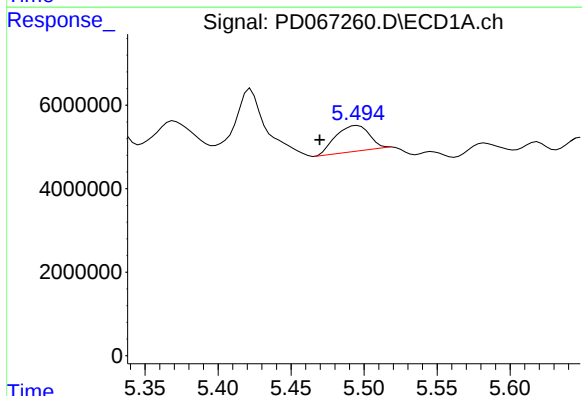
R.T.: 4.621 min  
Delta R.T.: 0.016 min  
Response: 363035  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



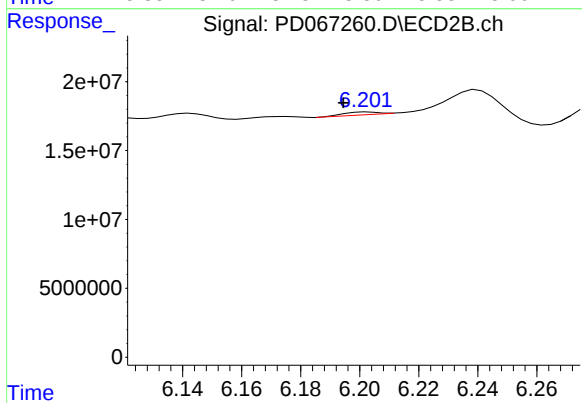
#7 delta-BHC

R.T.: 5.044 min  
Delta R.T.: 0.006 min  
Response: 8332630  
Conc: 0.91 ng/ml



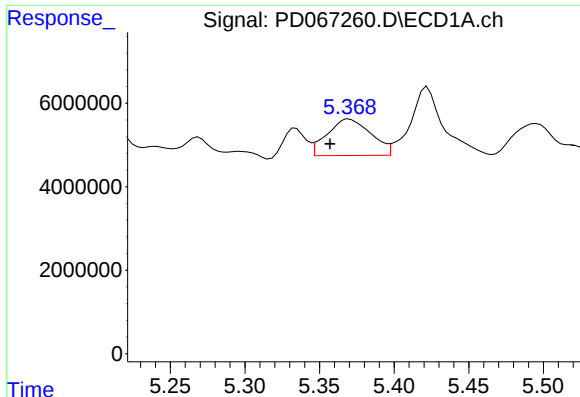
#9 Endosulfan I

R.T.: 5.495 min  
Delta R.T.: 0.026 min  
Response: 10053110  
Conc: 3.86 ng/ml



#9 Endosulfan I

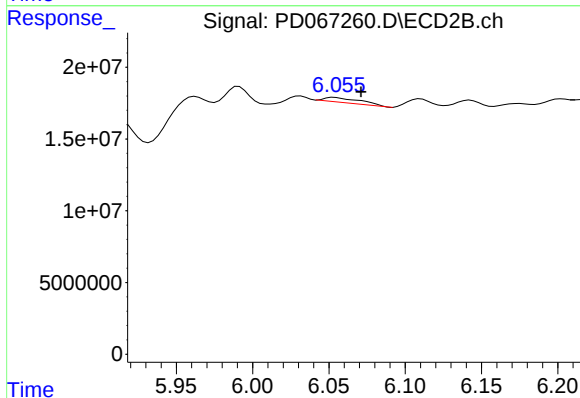
R.T.: 6.203 min  
Delta R.T.: 0.008 min  
Response: 1551782  
Conc: 0.22 ng/ml



#10 gamma-Chlordane

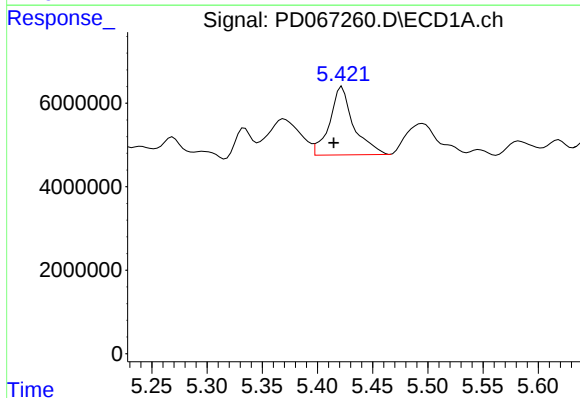
R.T.: 5.370 min  
Delta R.T.: 0.013 min  
Response: 17750877  
Conc: 6.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



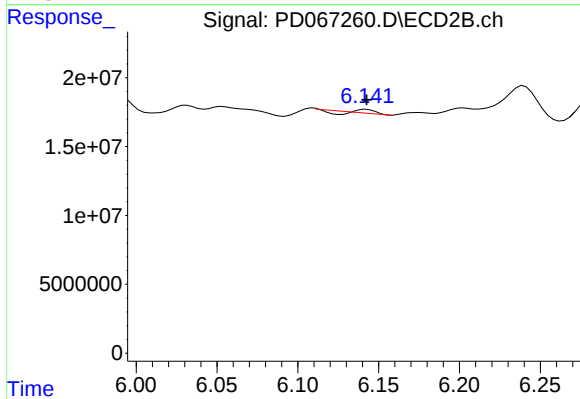
#10 gamma-Chlordane

R.T.: 6.053 min  
Delta R.T.: -0.018 min  
Response: 5778941  
Conc: 0.79 ng/ml



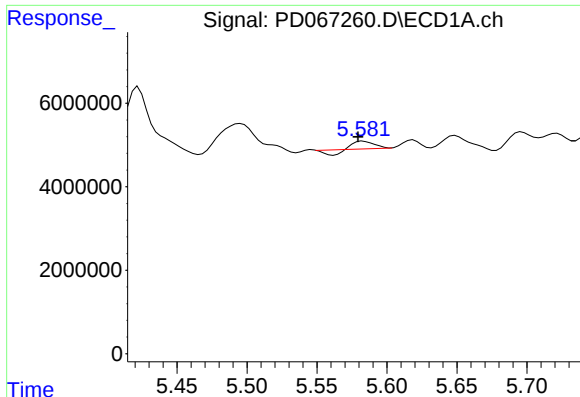
#11 alpha-Chlordane

R.T.: 5.422 min  
Delta R.T.: 0.008 min  
Response: 24723193  
Conc: 8.70 ng/ml



#11 alpha-Chlordane

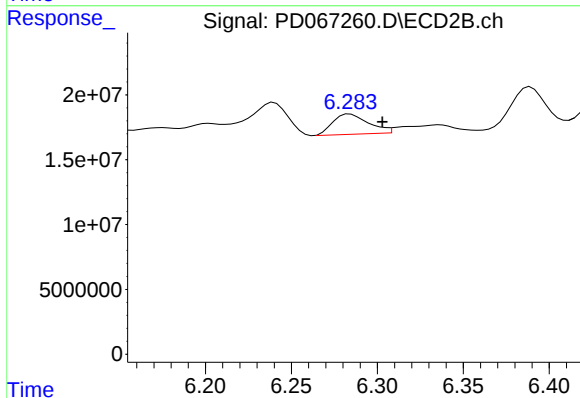
R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 882460  
Conc: 0.12 ng/ml



#12 4,4'-DDE

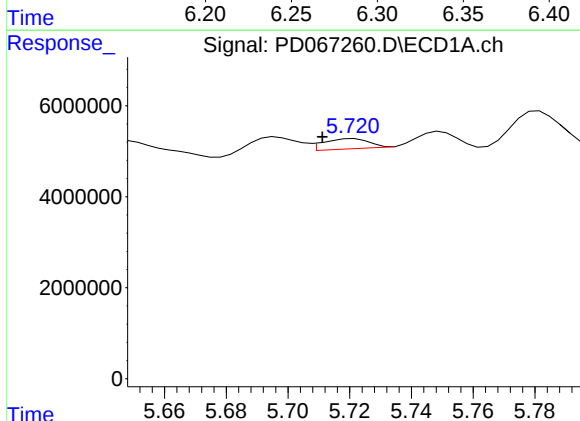
R.T.: 5.583 min  
Delta R.T.: 0.004 min  
Response: 1089903  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



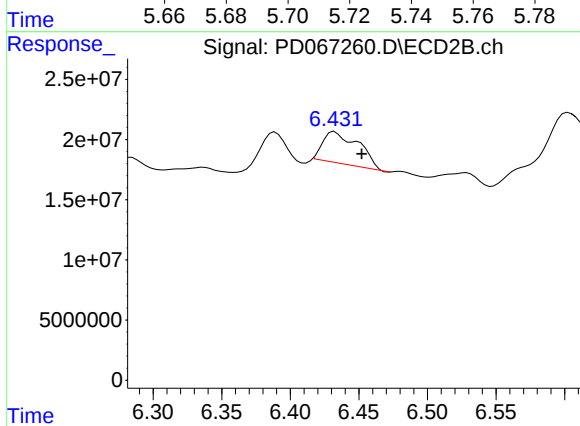
#12 4,4'-DDE

R.T.: 6.284 min  
Delta R.T.: -0.019 min  
Response: 22618534  
Conc: 3.27 ng/ml



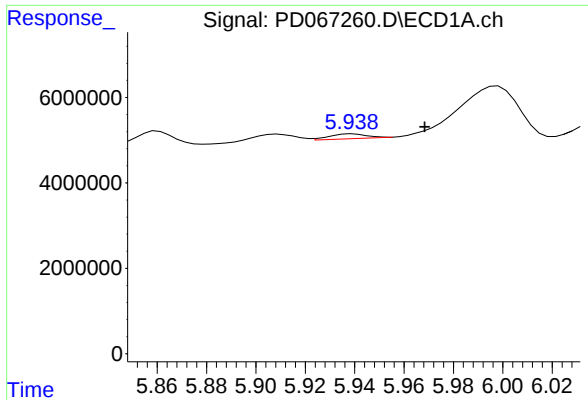
#13 Dieldrin

R.T.: 5.721 min  
Delta R.T.: 0.010 min  
Response: 2304980  
Conc: 0.82 ng/ml



#13 Dieldrin

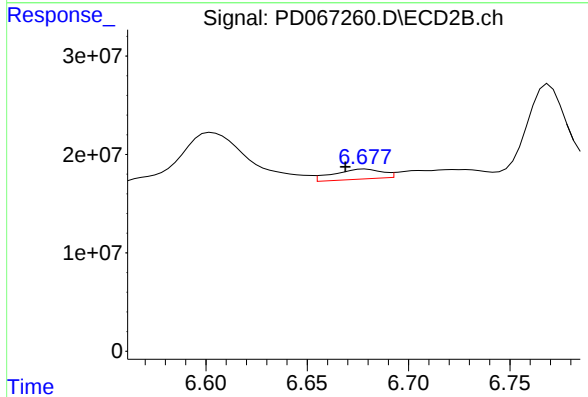
R.T.: 6.432 min  
Delta R.T.: -0.020 min  
Response: 47715196  
Conc: 6.51 ng/ml



#14 Endrin

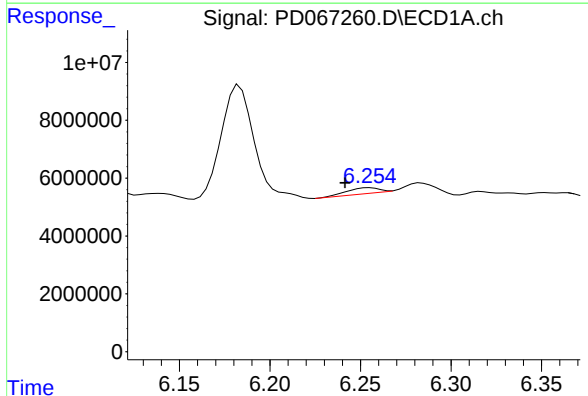
R.T.: 5.939 min  
Delta R.T.: -0.029 min  
Response: 1205122  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



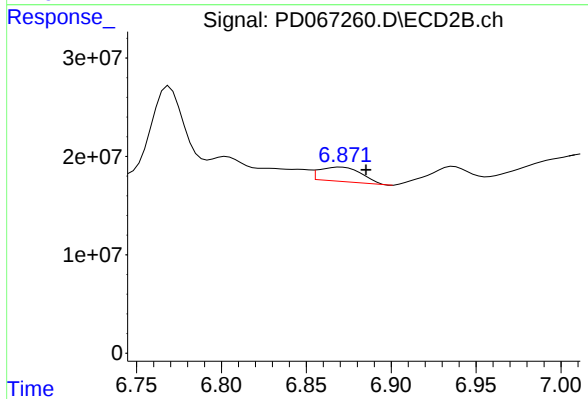
#14 Endrin

R.T.: 6.679 min  
Delta R.T.: 0.010 min  
Response: 16966461  
Conc: 3.02 ng/ml



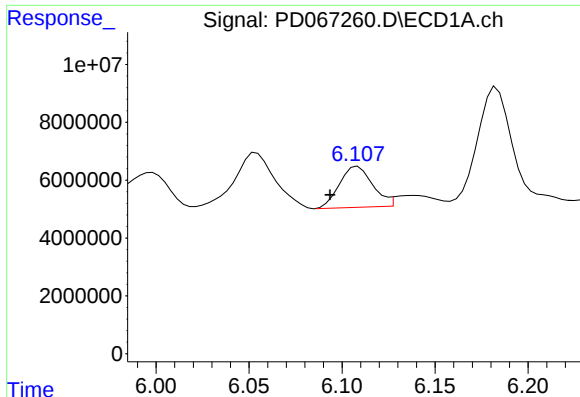
#15 Endosulfan II

R.T.: 6.255 min  
Delta R.T.: 0.014 min  
Response: 2451864  
Conc: 1.09 ng/ml



#15 Endosulfan II

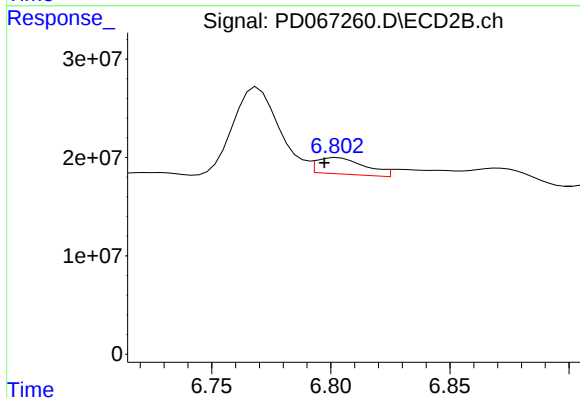
R.T.: 6.870 min  
Delta R.T.: -0.015 min  
Response: 24887194  
Conc: 4.15 ng/ml



#16 4,4'-DDD

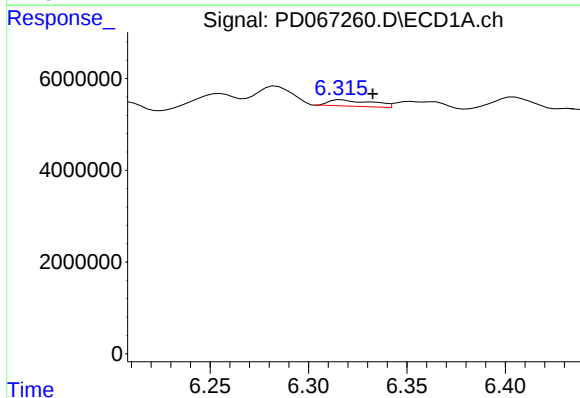
R.T.: 6.108 min  
Delta R.T.: 0.015 min  
Response: 17535819  
Conc: 8.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



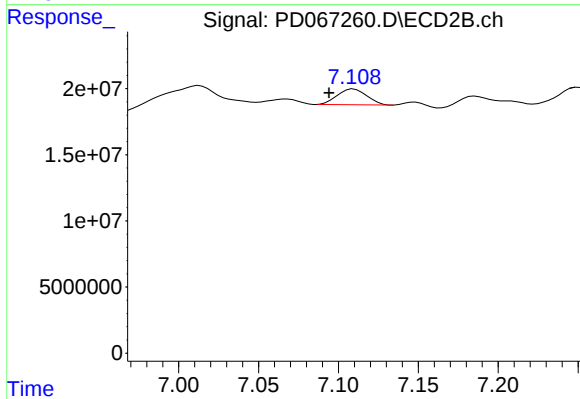
#16 4,4'-DDD

R.T.: 6.803 min  
Delta R.T.: 0.006 min  
Response: 23407212  
Conc: 4.00 ng/ml



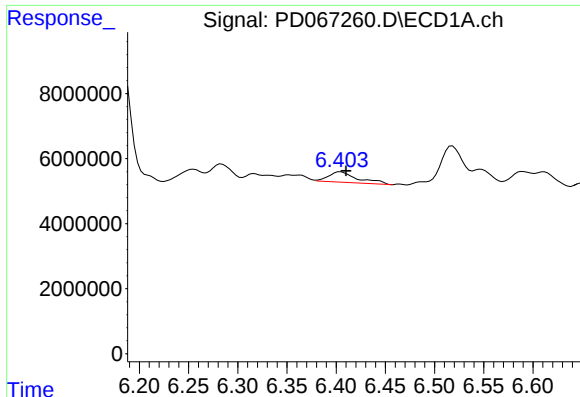
#17 4,4'-DDT

R.T.: 6.317 min  
Delta R.T.: -0.016 min  
Response: 2092803  
Conc: 0.99 ng/ml



#17 4,4'-DDT

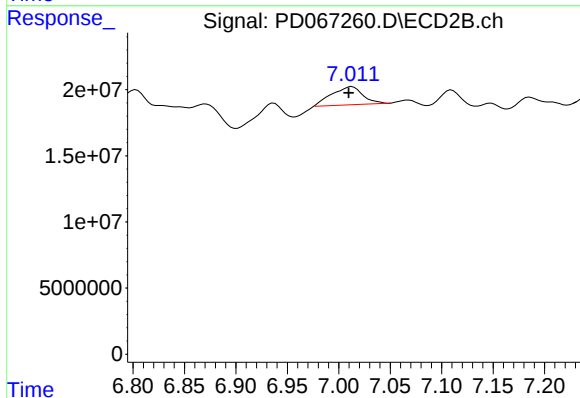
R.T.: 7.110 min  
Delta R.T.: 0.016 min  
Response: 15232728  
Conc: 2.55 ng/ml



#18 Endrin aldehyde

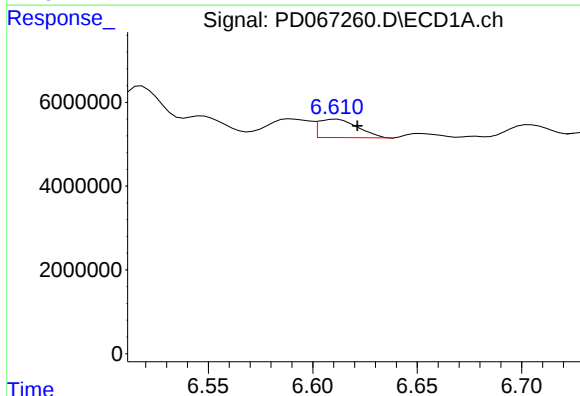
R.T.: 6.404 min  
Delta R.T.: -0.006 min  
Response: 6649377  
Conc: 3.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



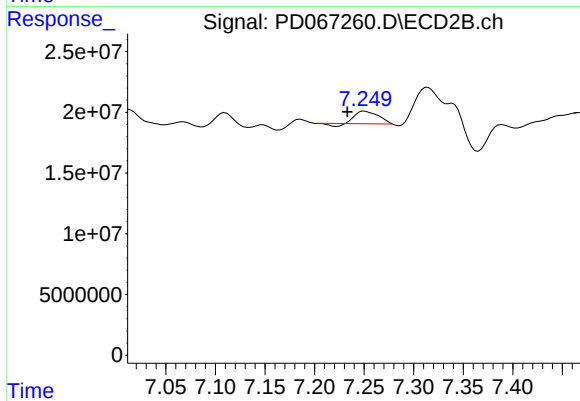
#18 Endrin aldehyde

R.T.: 7.013 min  
Delta R.T.: 0.003 min  
Response: 29217679  
Conc: 6.23 ng/ml



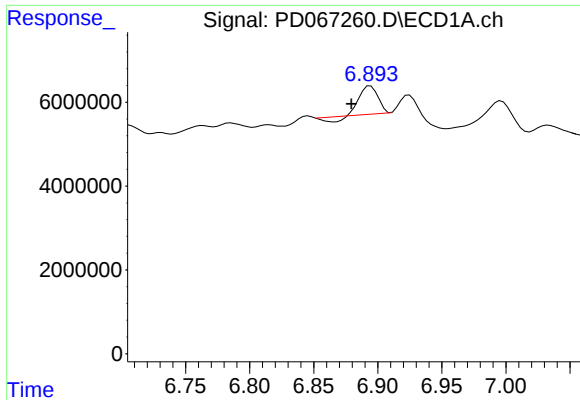
#19 Endosulfan Sulfate

R.T.: 6.611 min  
Delta R.T.: -0.010 min  
Response: 5732249  
Conc: 2.83 ng/ml



#19 Endosulfan Sulfate

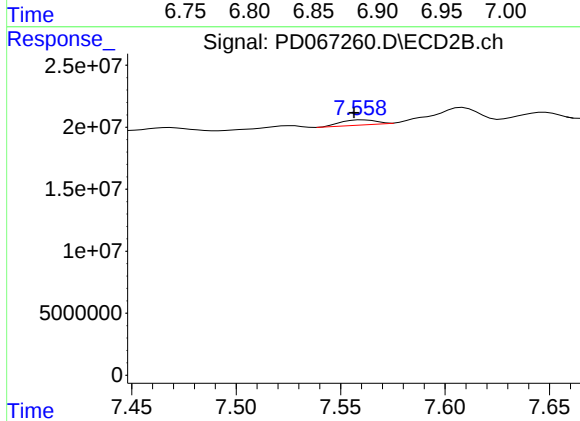
R.T.: 7.250 min  
Delta R.T.: 0.017 min  
Response: 15620422  
Conc: 2.60 ng/ml



#20 Methoxychlor

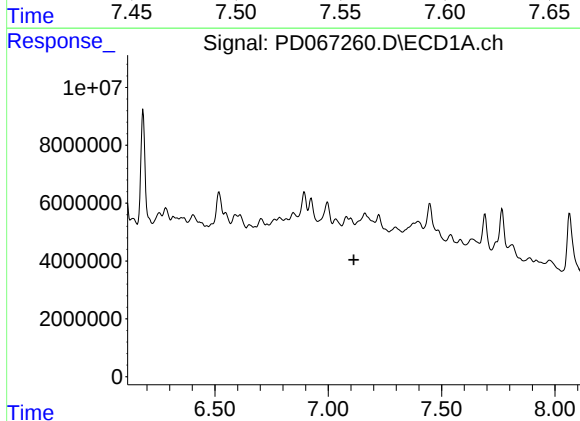
R.T.: 6.894 min  
Delta R.T.: 0.015 min  
Response: 5887550  
Conc: 5.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



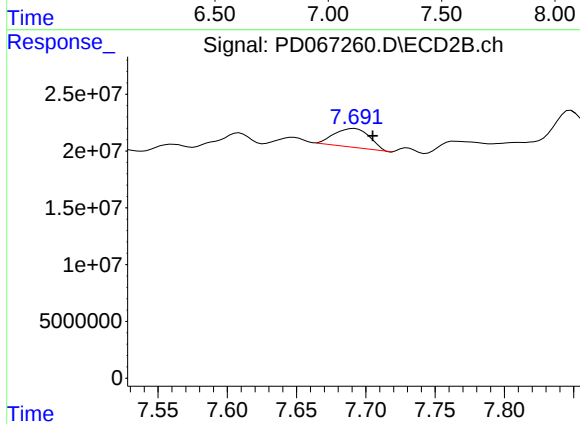
#20 Methoxychlor

R.T.: 7.561 min  
Delta R.T.: 0.004 min  
Response: 4858211  
Conc: 1.51 ng/ml



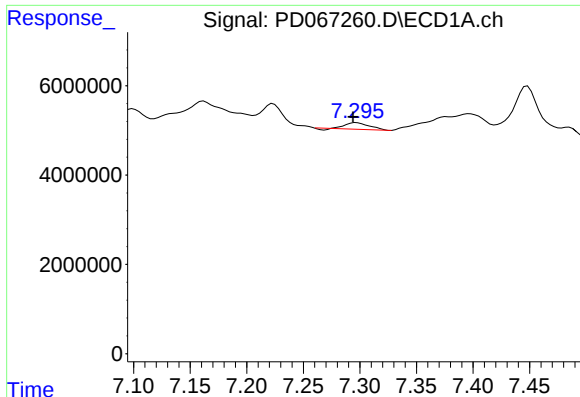
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.113 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

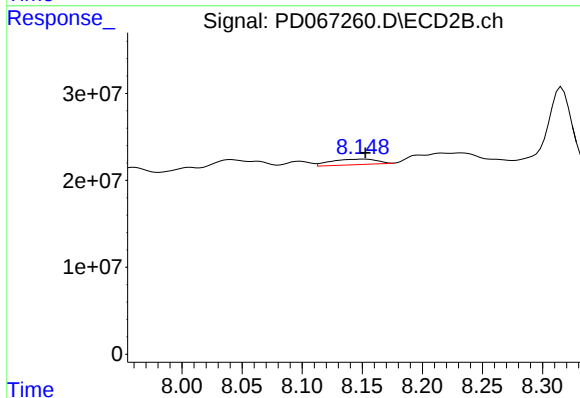
R.T.: 7.692 min  
Delta R.T.: -0.013 min  
Response: 29496391  
Conc: 4.08 ng/ml



#22 Mirex

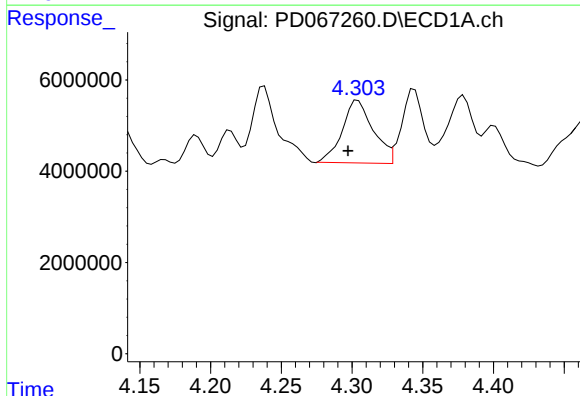
R.T.: 7.297 min  
Delta R.T.: 0.003 min  
Response: 2095119  
Conc: 1.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



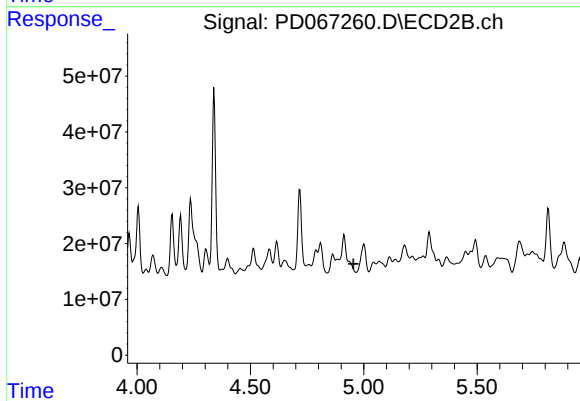
#22 Mirex

R.T.: 8.151 min  
Delta R.T.: -0.002 min  
Response: 16850435  
Conc: 3.44 ng/ml



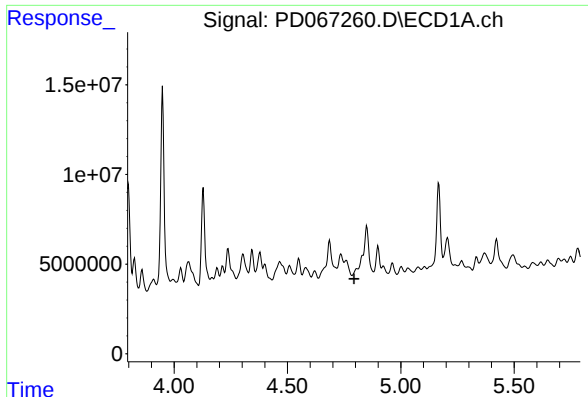
#23 Chlordane-1

R.T.: 4.304 min  
Delta R.T.: 0.007 min  
Response: 21070398  
Conc: 260.12 ng/ml



#23 Chlordane-1

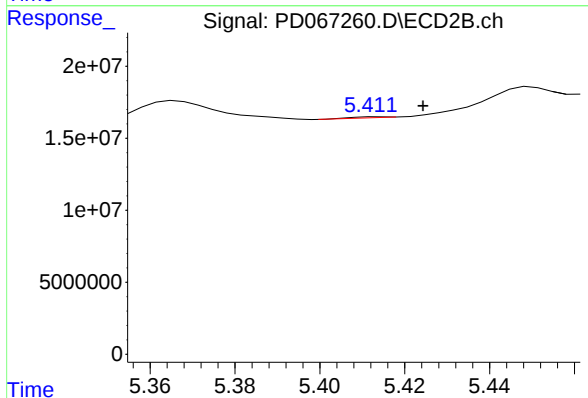
R.T.: 0.000 min  
Exp R.T. : 4.955 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

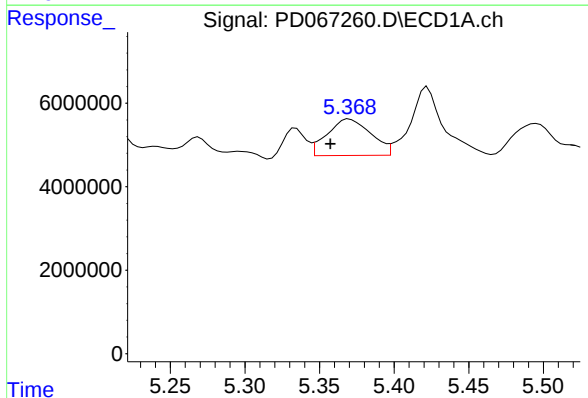
R.T.: 0.000 min  
Exp R.T.: 4.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



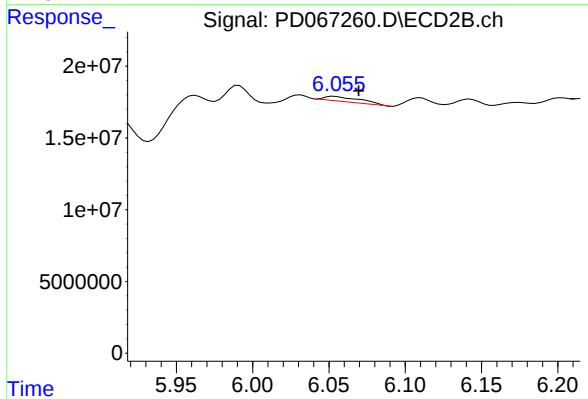
#24 Chlordane-2

R.T.: 5.414 min  
Delta R.T.: -0.011 min  
Response: 291647  
Conc: 1.09 ng/ml



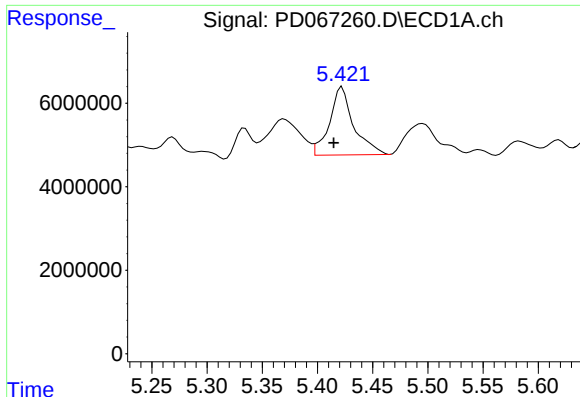
#25 Chlordane-3

R.T.: 5.370 min  
Delta R.T.: 0.013 min  
Response: 17750877  
Conc: 64.49 ng/ml



#25 Chlordane-3

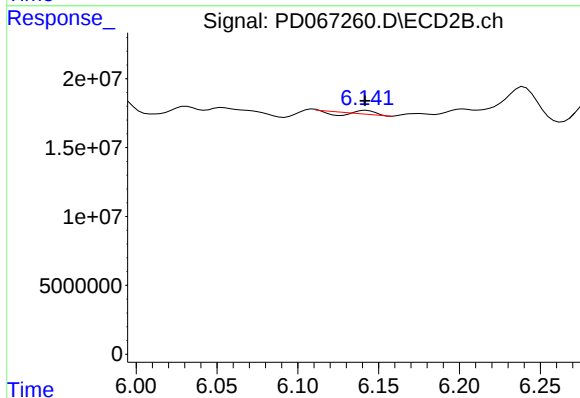
R.T.: 6.053 min  
Delta R.T.: -0.016 min  
Response: 5778941  
Conc: 6.05 ng/ml



#26 Chlordane-4

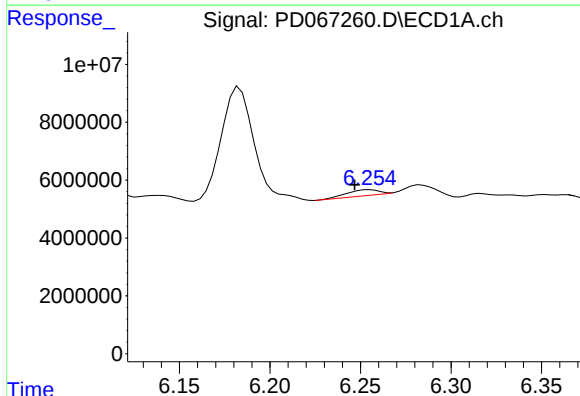
R.T.: 5.422 min  
Delta R.T.: 0.008 min  
Response: 24723193  
Conc: 108.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



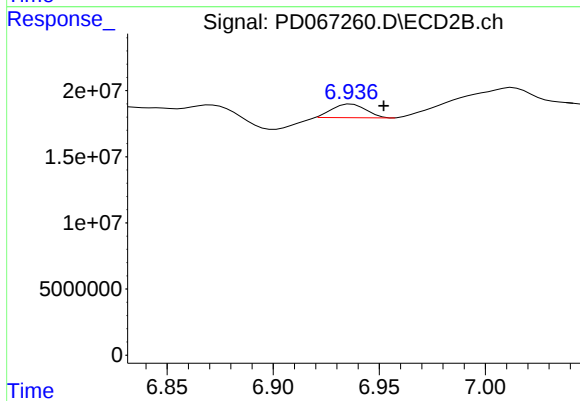
#26 Chlordane-4

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 882460  
Conc: 0.79 ng/ml



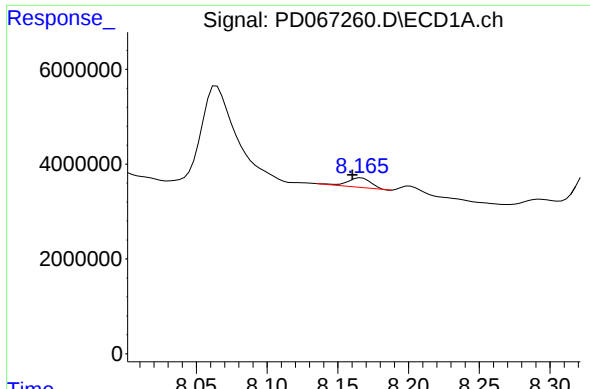
#27 Chlordane-5

R.T.: 6.255 min  
Delta R.T.: 0.008 min  
Response: 2451864  
Conc: 26.98 ng/ml



#27 Chlordane-5

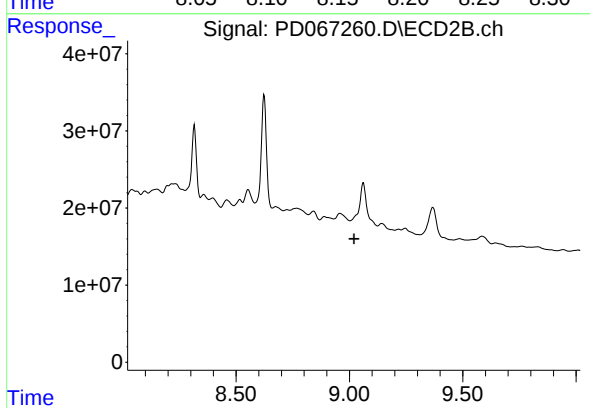
R.T.: 6.937 min  
Delta R.T.: -0.015 min  
Response: 11371949  
Conc: 52.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: 0.006 min  
Response: 2406621  
Conc: 2.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.021 min  
Response: 0  
Conc: N.D.