

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030922\  
 Data File : PD068421.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2022 15:35  
 Operator : AR\AJ  
 Sample : N1843-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 01:23:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 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... | 3.450  | 4.176  | 12797365 | 108.0E6  | 10.917 | 11.249   |
| 28)                         | SA Decachlor... | 8.213  | 9.373  | 16964198 | 87673009 | 14.578 | 14.788   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.863  | 0        | 891518   | N.D.   | 0.072 #  |
| 4)                          | MA Heptachlor   | 4.481  | 5.388  | 2049595  | 294677   | 1.358  | 0.026 #  |
| 5)                          | MB Aldrin       | 4.726  | 5.716  | 355061   | 16717716 | 0.227  | 1.414 #  |
| 6)                          | B beta-BHC      | 4.391f | 5.013  | 136339   | 3706639  | 0.194  | 0.686 #  |
| 7)                          | B delta-BHC     | 4.641  | 5.225f | 884127   | 1183354  | 0.548  | 0.095 #  |
| 8)                          | B Heptachlo...  | 5.185f | 6.103  | 383390   | 7939050  | 0.263  | 0.741 #  |
| 9)                          | A Endosulfan I  | 5.524f | 6.427f | 368350   | 4059015  | 0.270  | 0.421 #  |
| 10)                         | B gamma-Chl...  | 5.410f | 6.338  | 4120951  | 28190566 | 2.768  | 2.666    |
| 11)                         | B alpha-Chl...  | 5.436  | 6.398  | 1806460  | 5270275  | 1.229  | 0.511 #  |
| 12)                         | B 4,4'-DDE      | 5.616  | 6.553  | 7358552  | 93830859 | 5.395  | 9.598 #  |
| 13)                         | MA Dieldrin     | 5.742  | 6.698  | 5200676  | 54254058 | 3.537  | 5.265 #  |
| 14)                         | MA Endrin       | 6.001  | 6.916f | 509362   | 37797231 | 0.412  | 4.915 #  |
| 15)                         | B Endosulfa...  | 6.268  | 7.125  | 3185319  | 1581326  | 2.504  | 0.192 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 7.054  | 0        | 107.8E6  | N.D.   | 13.699 # |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.323f | 23067922 | 142.3E6  | 20.918 | 20.112   |
| 18)                         | B Endrin al...  | 6.462  | 7.275  | 7665556  | 11605924 | 8.364  | 1.929 #  |
| 19)                         | B Endosulfa...  | 6.658  | 0.000  | 12611987 | 0        | 10.008 | N.D. #   |
| 20)                         | A Methoxychlor  | 6.903f | 7.799  | 12588294 | -5041916 | 19.400 | N.D. #   |
| 21)                         | B Endrin ke...  | 7.181f | 7.960  | 5192275  | 7568739  | 3.527  | 0.902 #  |
| 22)                         | Mirex           | 7.340  | 8.446f | 545421   | 8269020  | 0.430  | 1.293 #  |
| 23)                         | Chlordane-1     | 4.320  | 5.177f | 194840   | 5046444  | 4.466  | 12.461 # |
| 24)                         | Chlordane-2     | 0.000  | 5.665  | 0        | 335370   | N.D.   | 0.834 #  |
| 25)                         | Chlordane-3     | 5.410f | 6.338  | 4120951  | 28190566 | 28.804 | 19.823 # |
| 26)                         | Chlordane-4     | 5.436  | 6.398  | 1806460  | 5270275  | 14.787 | 3.270 #  |
| 27)                         | Chlordane-5     | 6.268f | 7.230  | 3185319  | 1249554  | 64.668 | 4.356 #  |
| -----                       |                 |        |        |          |          |        |          |

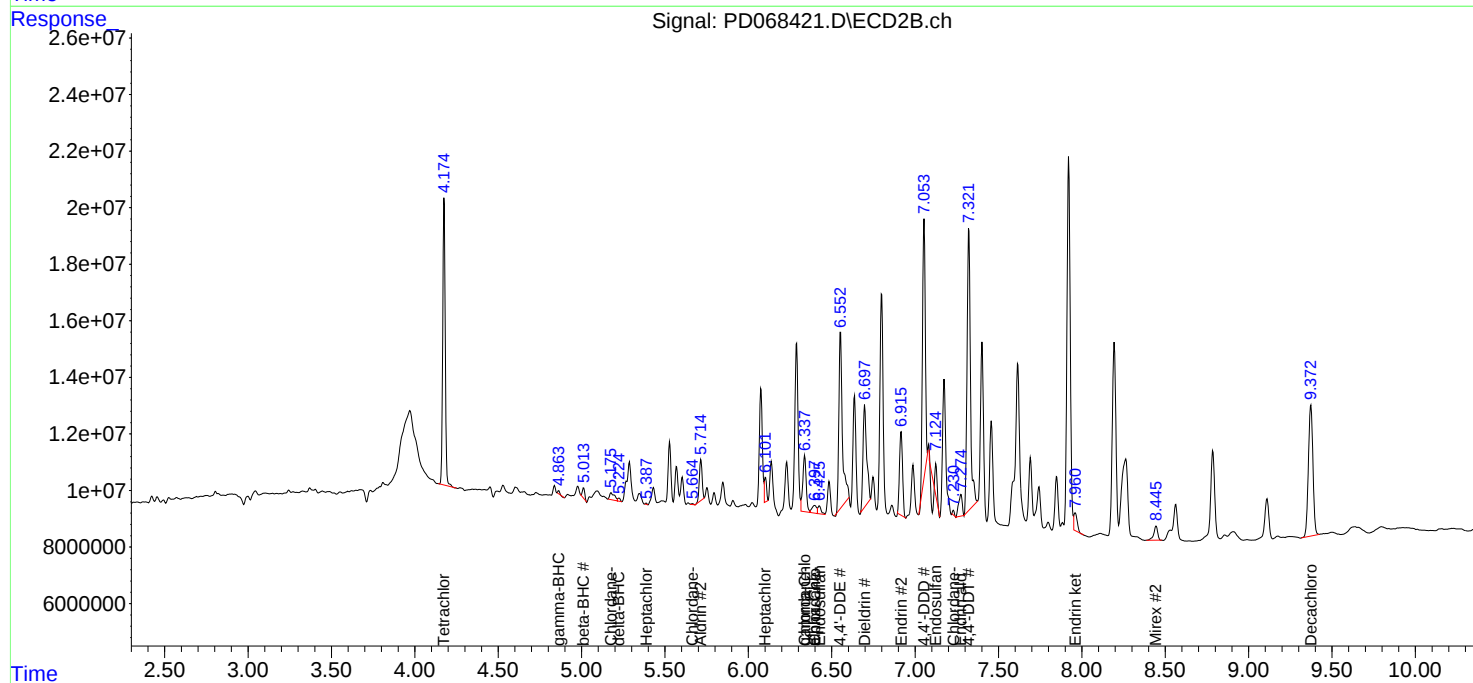
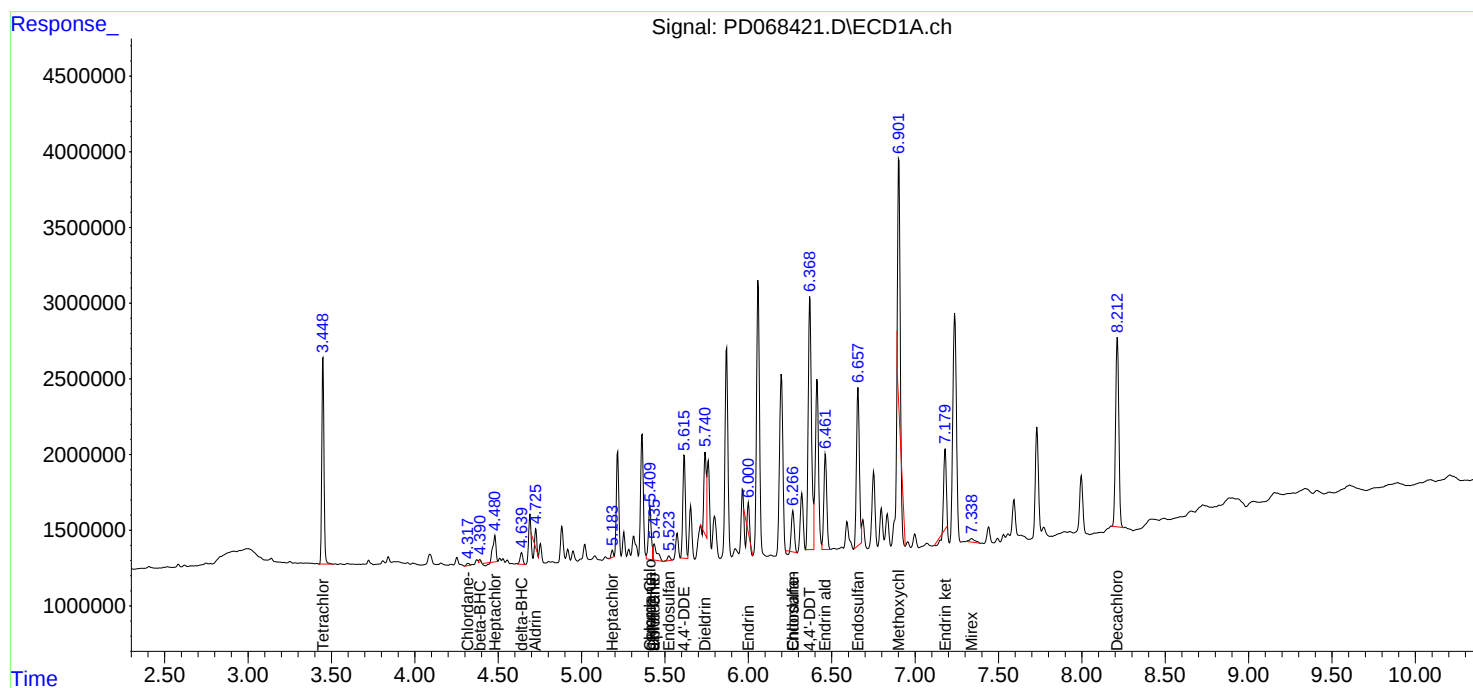
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

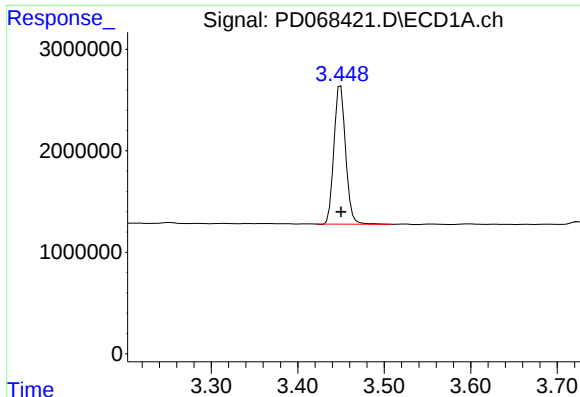
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030922\  
Data File : PD068421.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2022 15:35  
Operator : AR\AJ  
Sample : N1843-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 01:23:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 01 06:48:49 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

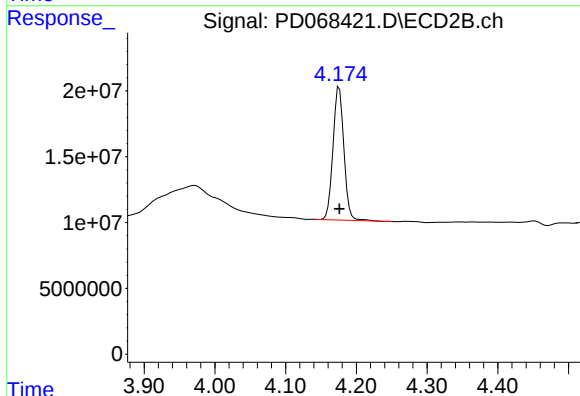




#1 Tetrachloro-m-xylene

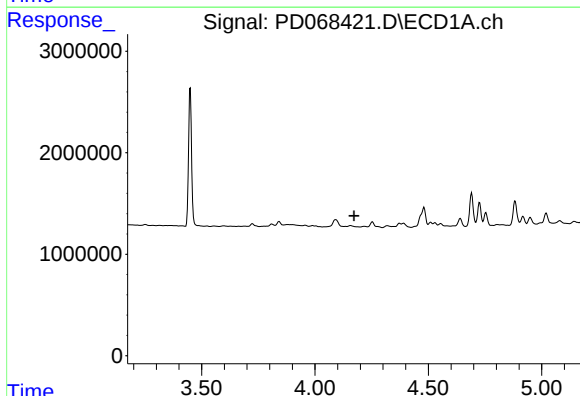
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 12797365  
Conc: 10.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



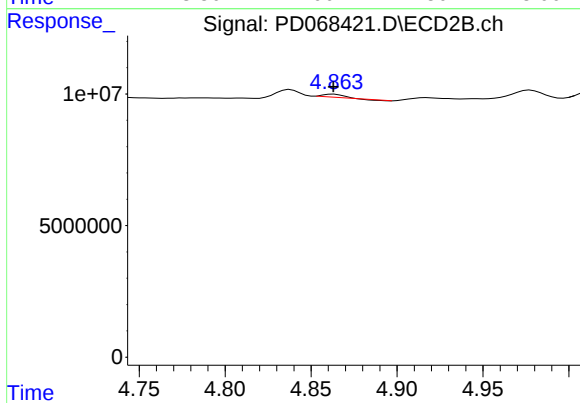
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 107969535  
Conc: 11.25 ng/ml



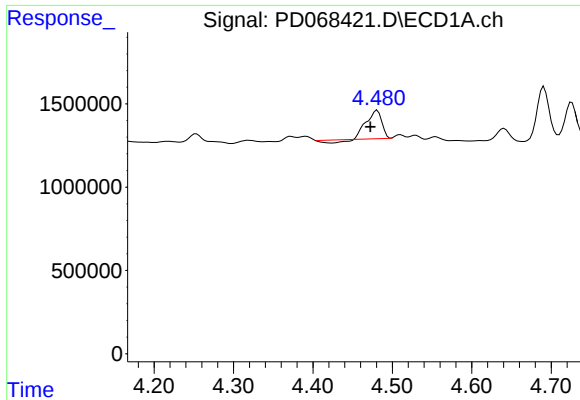
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.173 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

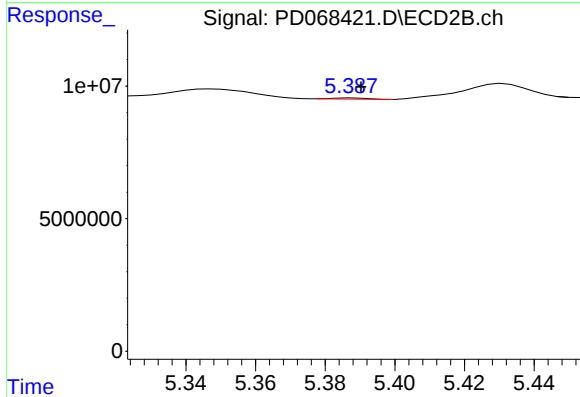
R.T.: 4.863 min  
Delta R.T.: 0.000 min  
Response: 891518  
Conc: 0.07 ng/ml



#4 Heptachlor

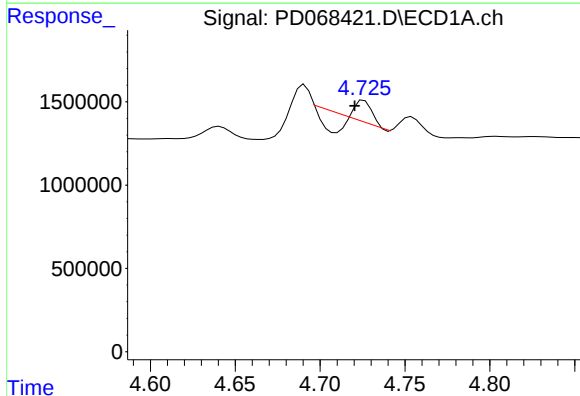
R.T.: 4.481 min  
Delta R.T.: 0.009 min  
Response: 2049595  
Conc: 1.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



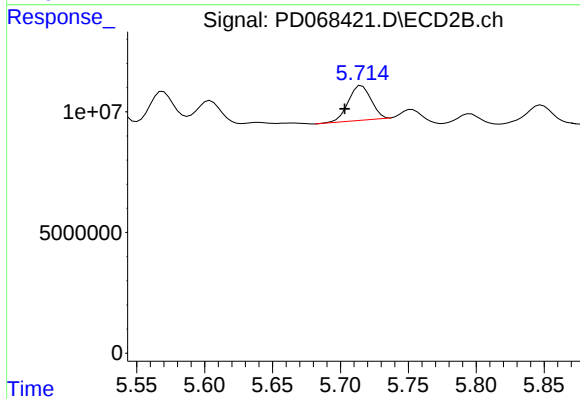
#4 Heptachlor

R.T.: 5.388 min  
Delta R.T.: -0.002 min  
Response: 294677  
Conc: 0.03 ng/ml



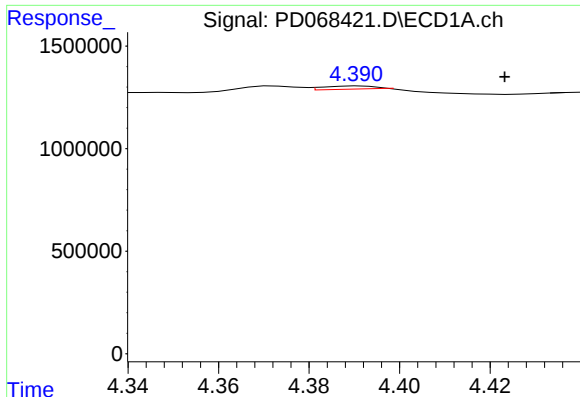
#5 Aldrin

R.T.: 4.726 min  
Delta R.T.: 0.006 min  
Response: 355061  
Conc: 0.23 ng/ml



#5 Aldrin

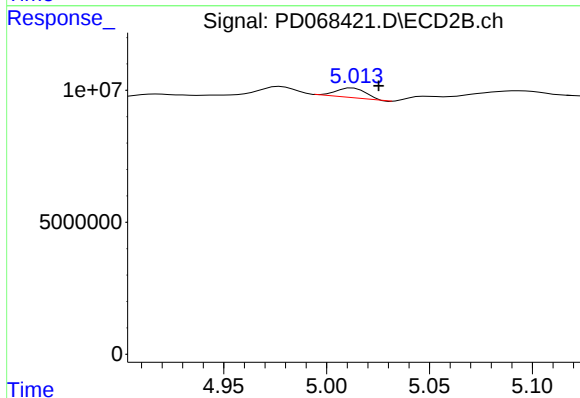
R.T.: 5.716 min  
Delta R.T.: 0.013 min  
Response: 16717716  
Conc: 1.41 ng/ml



#6 beta-BHC

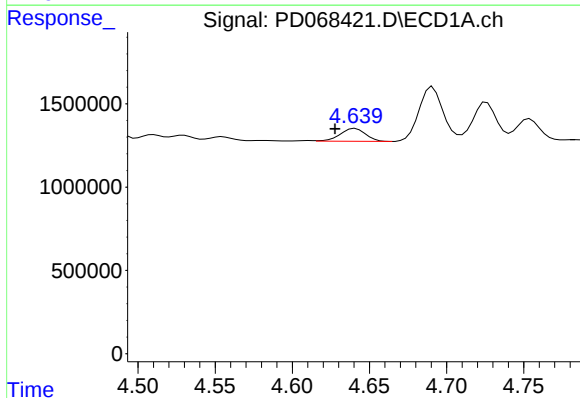
R.T.: 4.391 min  
Delta R.T.: -0.032 min  
Response: 136339  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



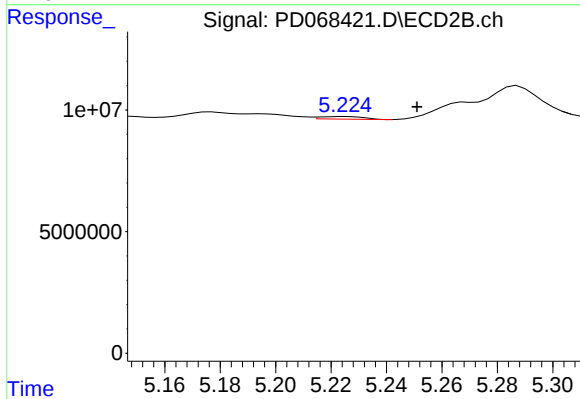
#6 beta-BHC

R.T.: 5.013 min  
Delta R.T.: -0.013 min  
Response: 3706639  
Conc: 0.69 ng/ml



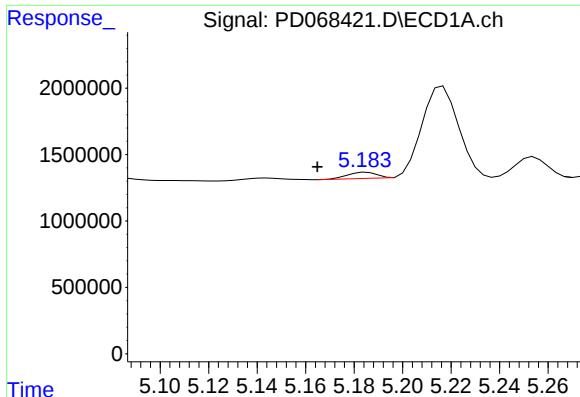
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: 0.013 min  
Response: 884127  
Conc: 0.55 ng/ml



#7 delta-BHC

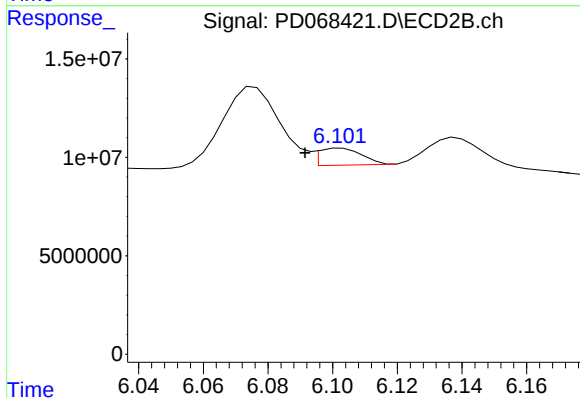
R.T.: 5.225 min  
Delta R.T.: -0.026 min  
Response: 1183354  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

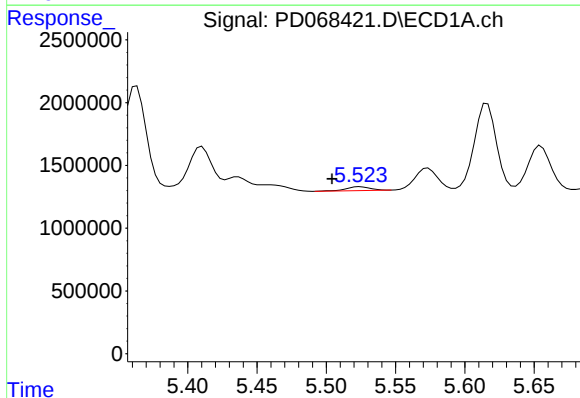
R.T.: 5.185 min  
Delta R.T.: 0.020 min  
Response: 383390  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



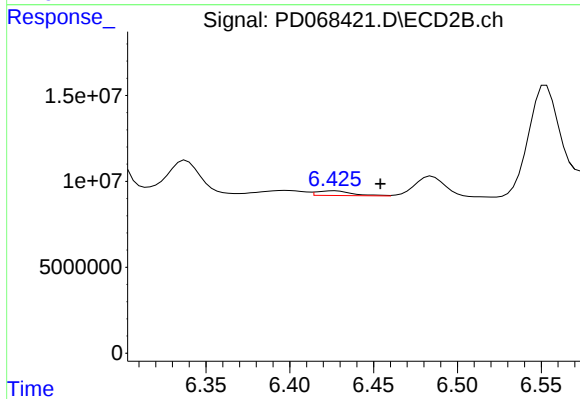
#8 Heptachlor epoxide

R.T.: 6.103 min  
Delta R.T.: 0.011 min  
Response: 7939050  
Conc: 0.74 ng/ml



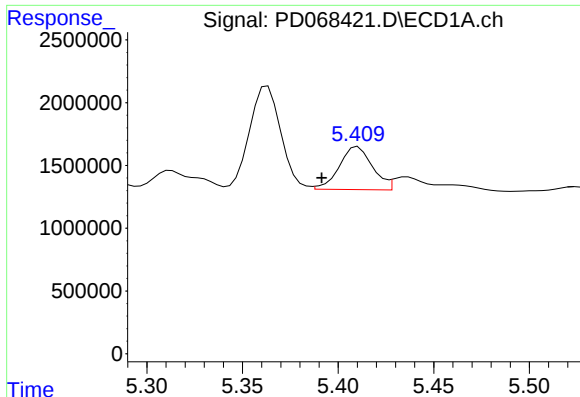
#9 Endosulfan I

R.T.: 5.524 min  
Delta R.T.: 0.020 min  
Response: 368350  
Conc: 0.27 ng/ml



#9 Endosulfan I

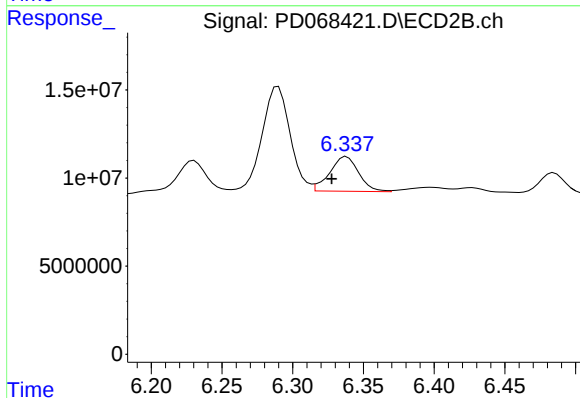
R.T.: 6.427 min  
Delta R.T.: -0.027 min  
Response: 4059015  
Conc: 0.42 ng/ml



#10 gamma-Chlordane

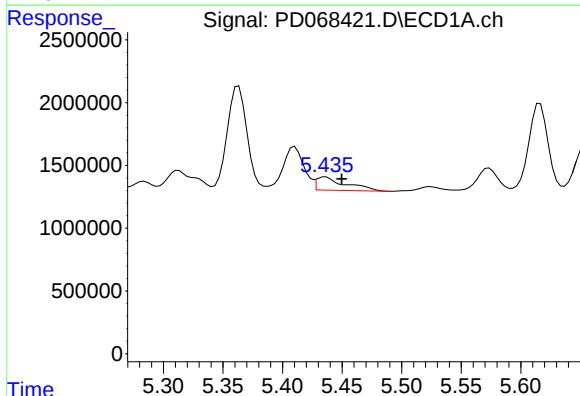
R.T.: 5.410 min  
Delta R.T.: 0.019 min  
Response: 4120951  
Conc: 2.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



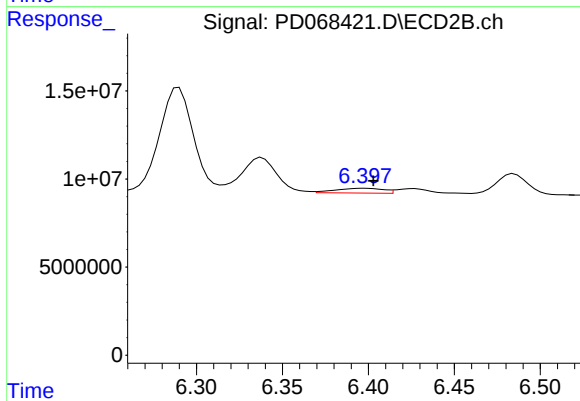
#10 gamma-Chlordane

R.T.: 6.338 min  
Delta R.T.: 0.010 min  
Response: 28190566  
Conc: 2.67 ng/ml



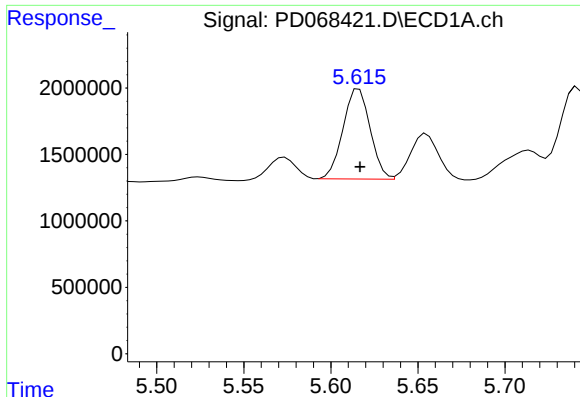
#11 alpha-Chlordane

R.T.: 5.436 min  
Delta R.T.: -0.014 min  
Response: 1806460  
Conc: 1.23 ng/ml



#11 alpha-Chlordane

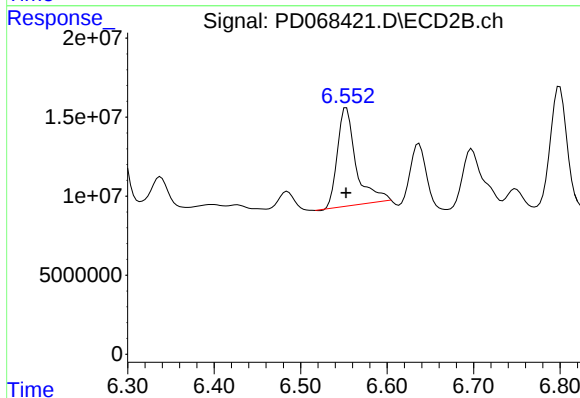
R.T.: 6.398 min  
Delta R.T.: -0.005 min  
Response: 5270275  
Conc: 0.51 ng/ml



#12 4,4'-DDE

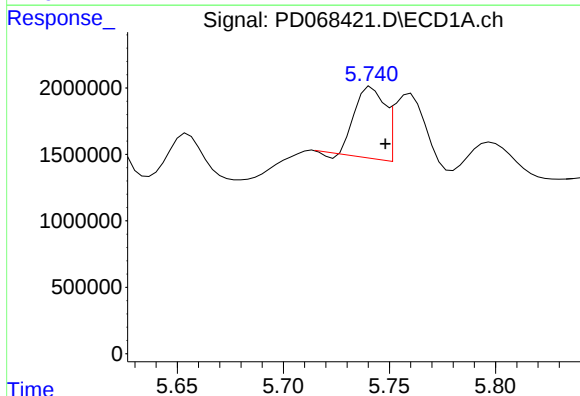
R.T.: 5.616 min  
Delta R.T.: 0.000 min  
Response: 7358552  
Conc: 5.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



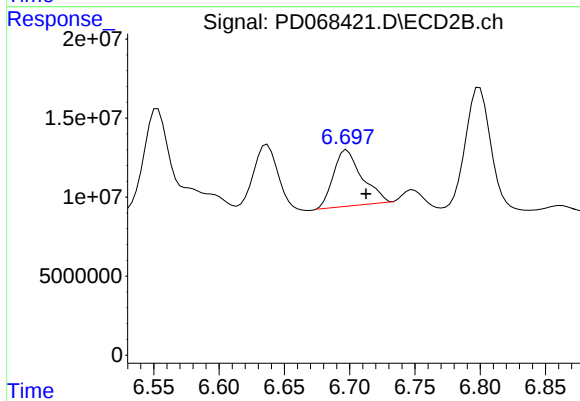
#12 4,4'-DDE

R.T.: 6.553 min  
Delta R.T.: 0.000 min  
Response: 93830859  
Conc: 9.60 ng/ml



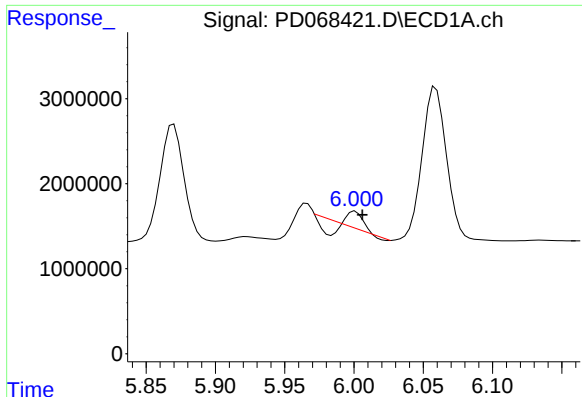
#13 Dieldrin

R.T.: 5.742 min  
Delta R.T.: -0.007 min  
Response: 5200676  
Conc: 3.54 ng/ml



#13 Dieldrin

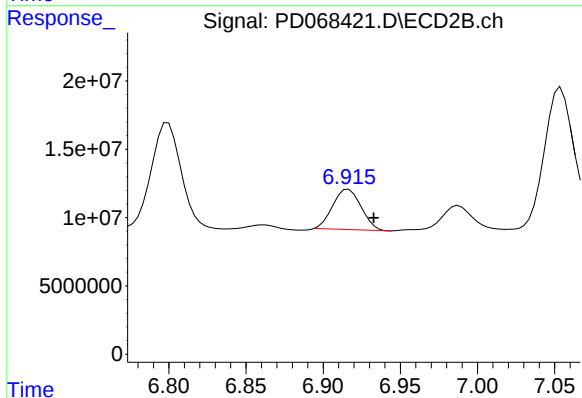
R.T.: 6.698 min  
Delta R.T.: -0.015 min  
Response: 54254058  
Conc: 5.26 ng/ml



#14 Endrin

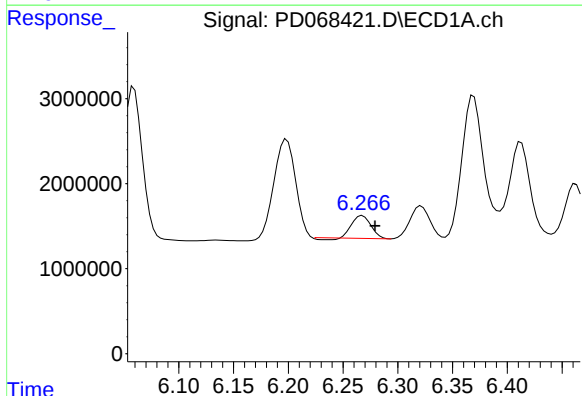
R.T.: 6.001 min  
Delta R.T.: -0.005 min  
Response: 509362  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



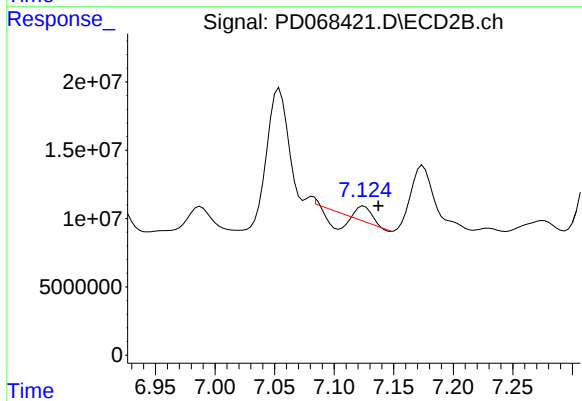
#14 Endrin

R.T.: 6.916 min  
Delta R.T.: -0.016 min  
Response: 37797231  
Conc: 4.91 ng/ml



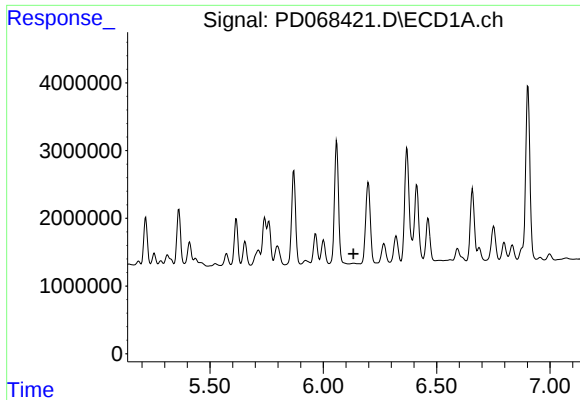
#15 Endosulfan II

R.T.: 6.268 min  
Delta R.T.: -0.011 min  
Response: 3185319  
Conc: 2.50 ng/ml



#15 Endosulfan II

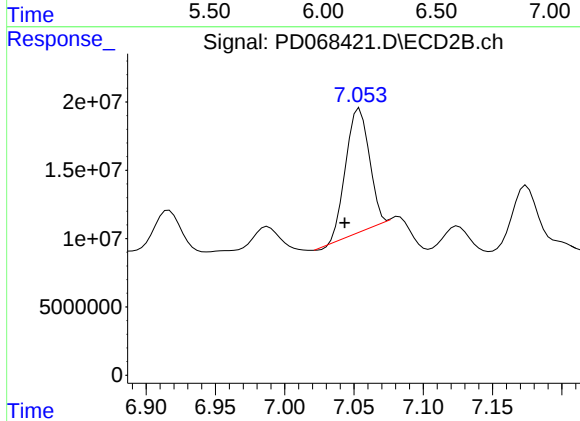
R.T.: 7.125 min  
Delta R.T.: -0.012 min  
Response: 1581326  
Conc: 0.19 ng/ml



#16 4,4'-DDD

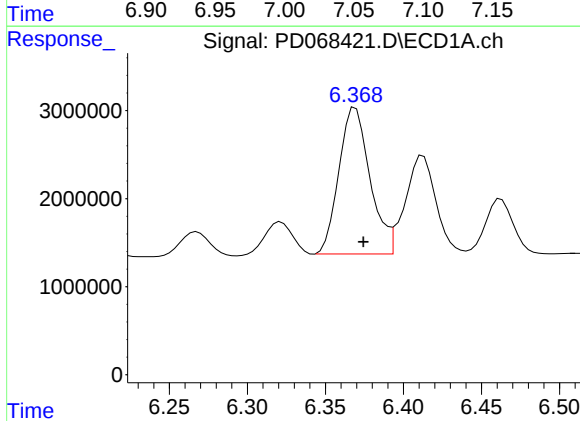
R.T.: 0.000 min  
Exp R.T.: 6.134 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



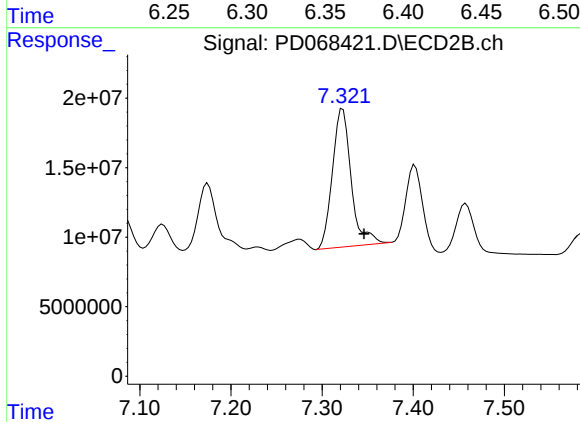
#16 4,4'-DDD

R.T.: 7.054 min  
Delta R.T.: 0.011 min  
Response: 107810547  
Conc: 13.70 ng/ml



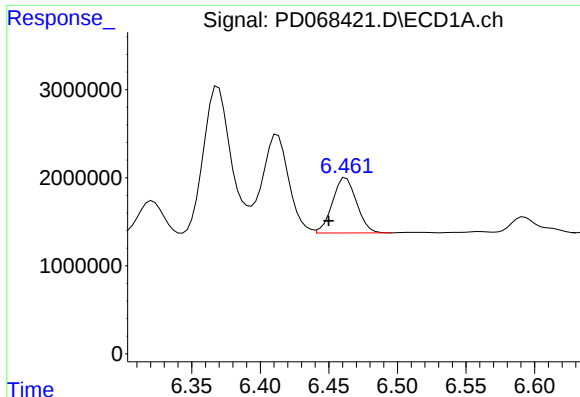
#17 4,4'-DDT

R.T.: 6.369 min  
Delta R.T.: -0.005 min  
Response: 23067922  
Conc: 20.92 ng/ml



#17 4,4'-DDT

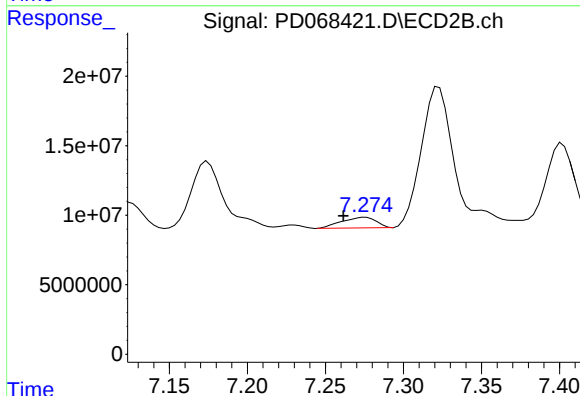
R.T.: 7.323 min  
Delta R.T.: -0.023 min  
Response: 142300280  
Conc: 20.11 ng/ml



#18 Endrin aldehyde

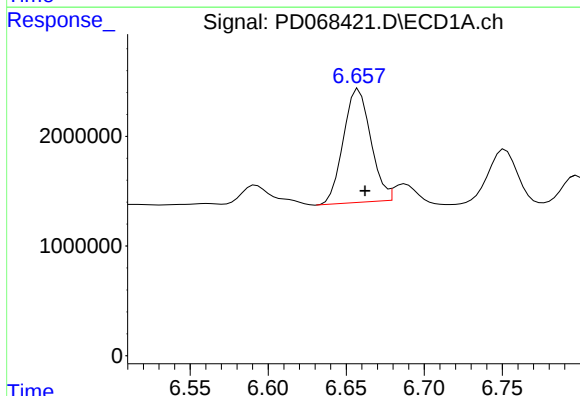
R.T.: 6.462 min  
Delta R.T.: 0.013 min  
Response: 7665556  
Conc: 8.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



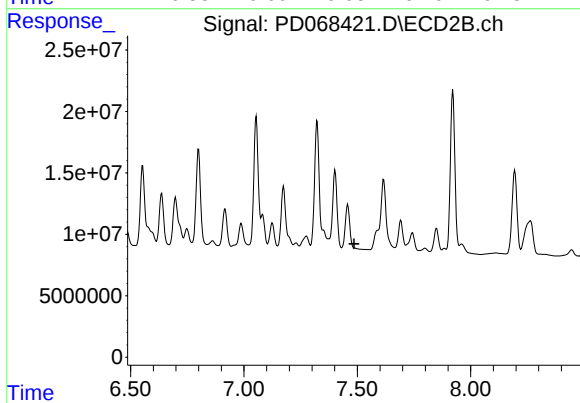
#18 Endrin aldehyde

R.T.: 7.275 min  
Delta R.T.: 0.014 min  
Response: 11605924  
Conc: 1.93 ng/ml



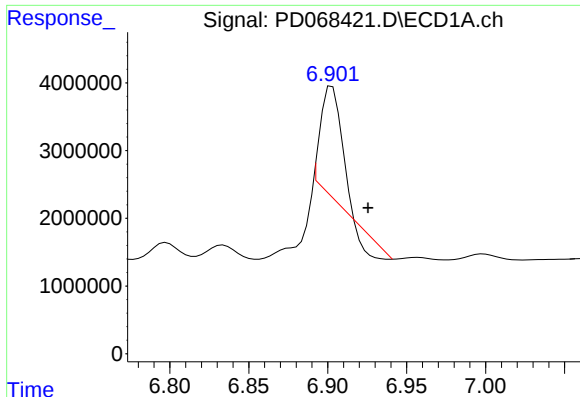
#19 Endosulfan Sulfate

R.T.: 6.658 min  
Delta R.T.: -0.004 min  
Response: 12611987  
Conc: 10.01 ng/ml



#19 Endosulfan Sulfate

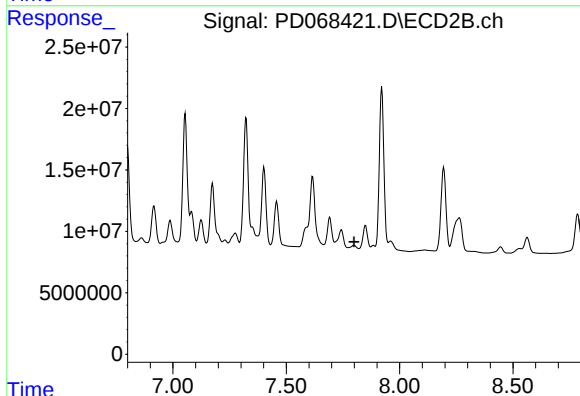
R.T.: 0.000 min  
Exp R.T.: 7.486 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

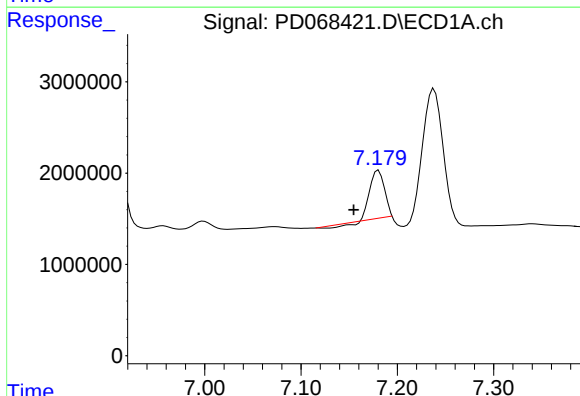
R.T.: 6.903 min  
Delta R.T.: -0.023 min  
Response: 12588294  
Conc: 19.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



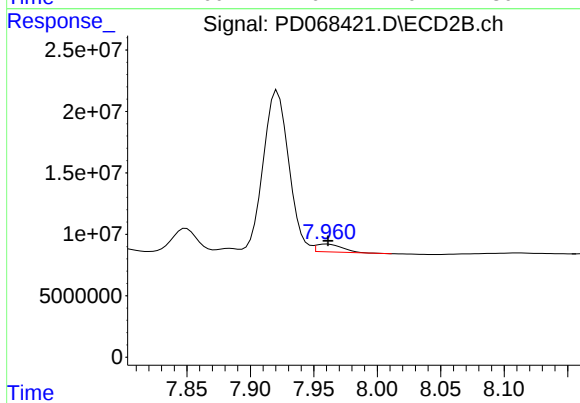
#20 Methoxychlor

R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: -5041916  
Conc: N.D.



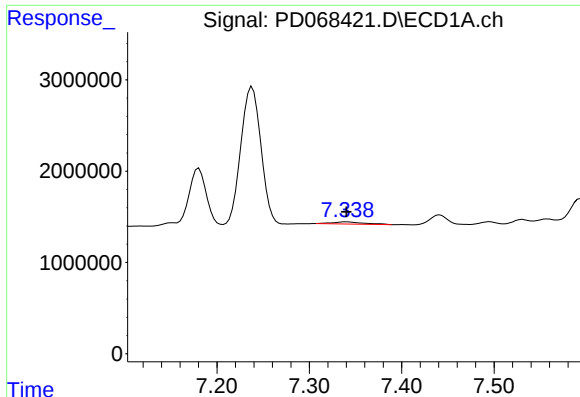
#21 Endrin ketone

R.T.: 7.181 min  
Delta R.T.: 0.026 min  
Response: 5192275  
Conc: 3.53 ng/ml



#21 Endrin ketone

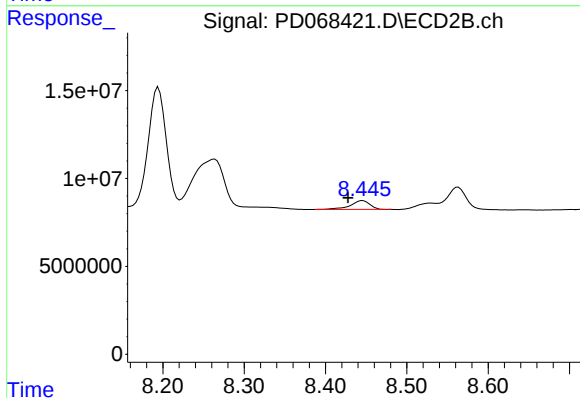
R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 7568739  
Conc: 0.90 ng/ml



#22 Mirex

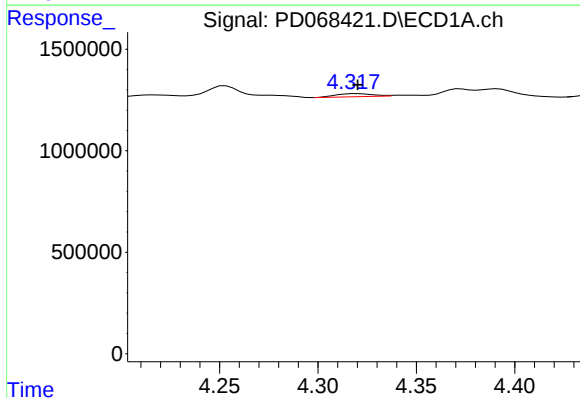
R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 545421  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



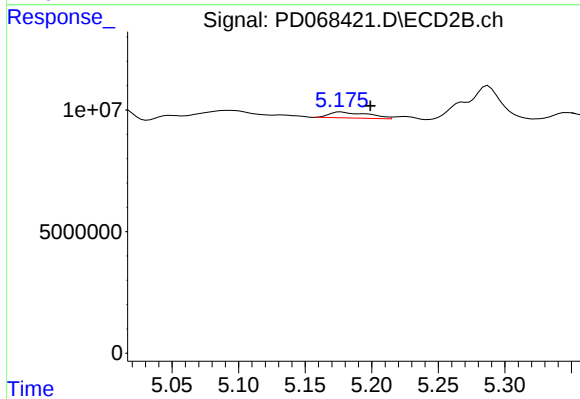
#22 Mirex

R.T.: 8.446 min  
Delta R.T.: 0.018 min  
Response: 8269020  
Conc: 1.29 ng/ml



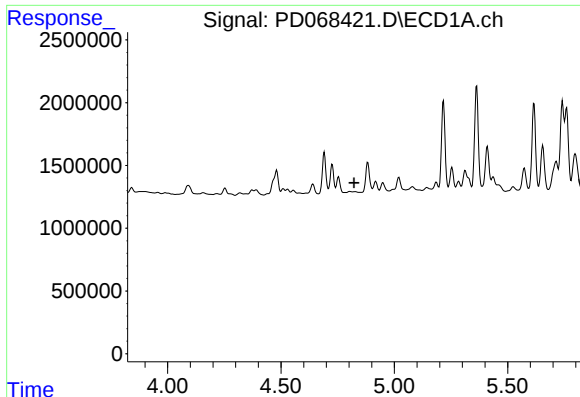
#23 Chlordane-1

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 194840  
Conc: 4.47 ng/ml



#23 Chlordane-1

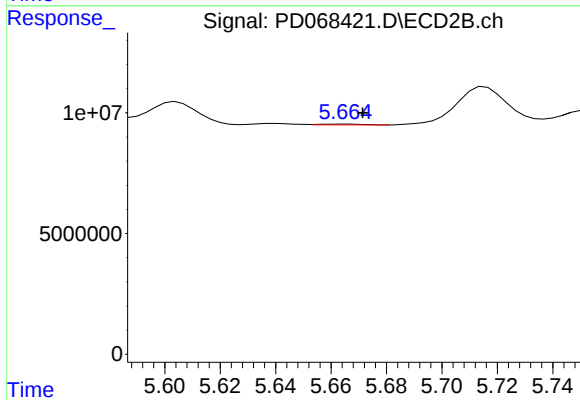
R.T.: 5.177 min  
Delta R.T.: -0.022 min  
Response: 5046444  
Conc: 12.46 ng/ml



#24 Chlordane-2

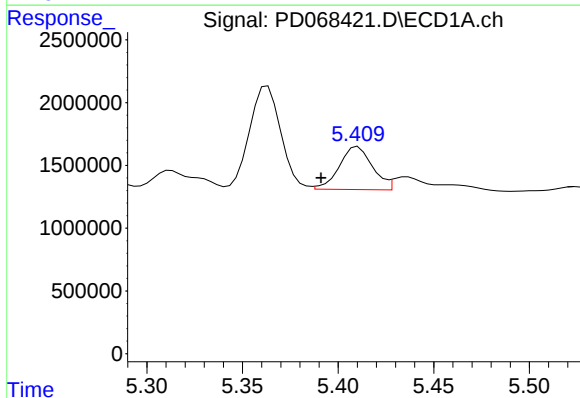
R.T.: 0.000 min  
Exp R.T.: 4.822 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



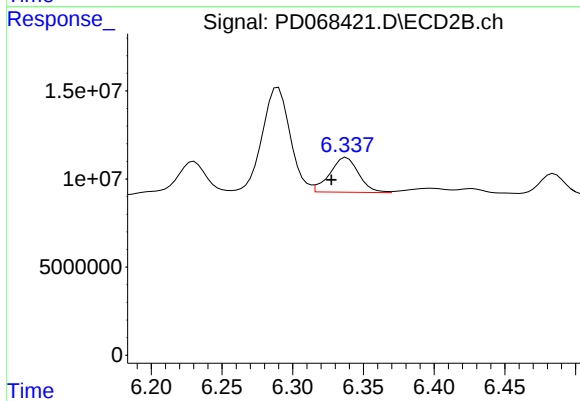
#24 Chlordane-2

R.T.: 5.665 min  
Delta R.T.: -0.006 min  
Response: 335370  
Conc: 0.83 ng/ml



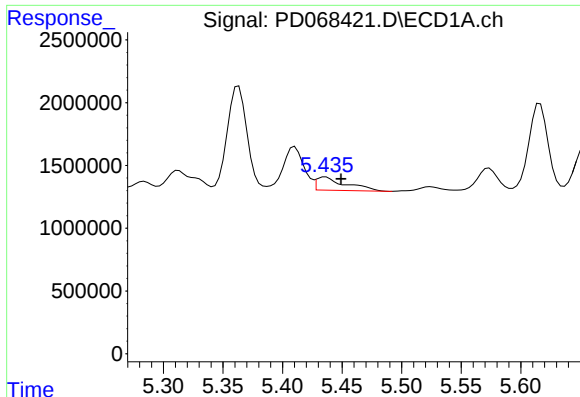
#25 Chlordane-3

R.T.: 5.410 min  
Delta R.T.: 0.019 min  
Response: 4120951  
Conc: 28.80 ng/ml



#25 Chlordane-3

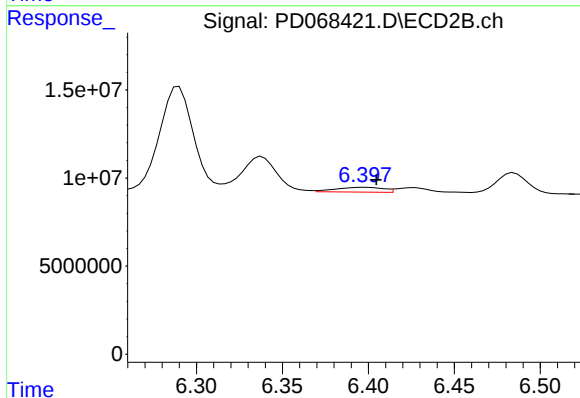
R.T.: 6.338 min  
Delta R.T.: 0.011 min  
Response: 28190566  
Conc: 19.82 ng/ml



#26 Chlordane-4

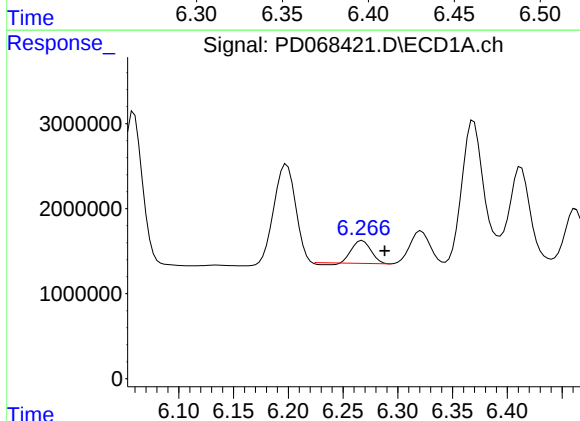
R.T.: 5.436 min  
Delta R.T.: -0.013 min  
Response: 1806460  
Conc: 14.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



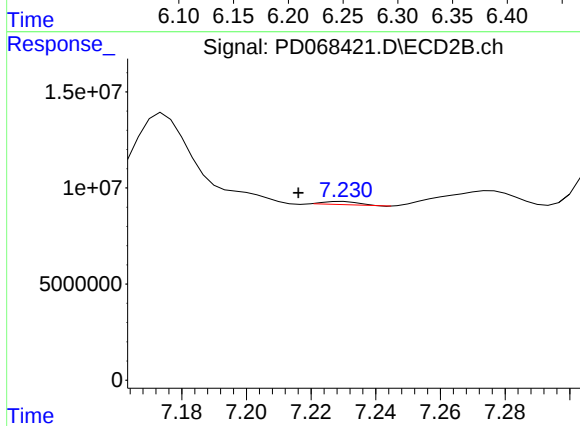
#26 Chlordane-4

R.T.: 6.398 min  
Delta R.T.: -0.007 min  
Response: 5270275  
Conc: 3.27 ng/ml



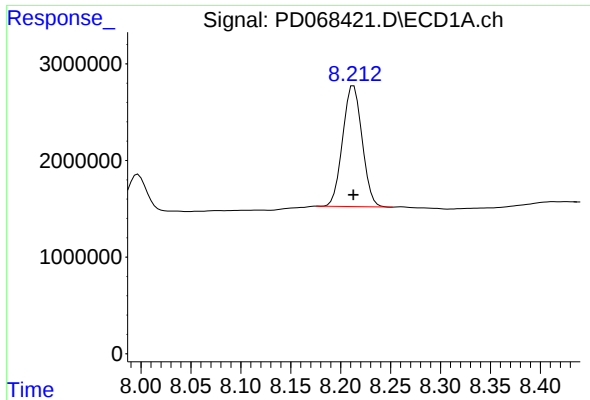
#27 Chlordane-5

R.T.: 6.268 min  
Delta R.T.: -0.020 min  
Response: 3185319  
Conc: 64.67 ng/ml



#27 Chlordane-5

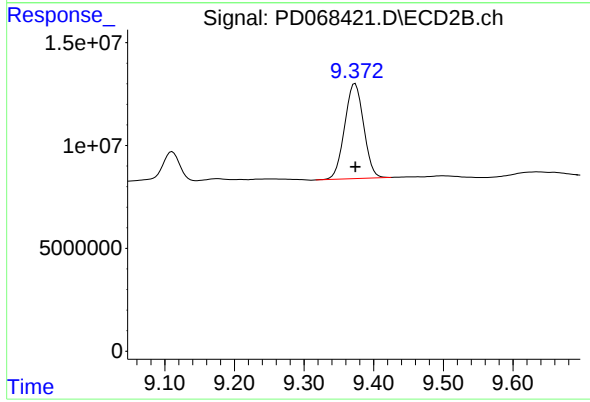
R.T.: 7.230 min  
Delta R.T.: 0.014 min  
Response: 1249554  
Conc: 4.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 16964198  
Conc: 14.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.373 min  
Delta R.T.: 0.000 min  
Response: 87673009  
Conc: 14.79 ng/ml