

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
 Data File : PD069776.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2022 02:28  
 Operator : AR\AJ  
 Sample : PB145021BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 03:23:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052022.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 23 02:08:05 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... | 3.444 | 4.172  | 22369859 | 254.8E6  | 22.323  | 26.664    |
| 28)                         | SA Decachlor... | 8.196 | 9.365  | 23787858 | 147.7E6  | 22.053  | 24.650    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.883 | 4.568  | 14897100 | 154.8E6  | 9.975   | 11.099    |
| 3)                          | MA gamma-BHC... | 4.166 | 4.859  | 19215660 | 150.1E6  | 13.015  | 11.721    |
| 4)                          | MA Heptachlor   | 4.463 | 5.385  | 14371851 | 150.2E6  | 10.262  | 12.092    |
| 5)                          | MB Aldrin       | 4.710 | 5.698  | 14742094 | 150.8E6  | 10.943  | 12.512    |
| 6)                          | B beta-BHC      | 4.416 | 5.022  | 6742365  | 80503497 | 10.351  | 14.338 #  |
| 7)                          | B delta-BHC     | 4.619 | 5.248  | 3490608  | 41315922 | 2.499   | 4.580 #   |
| 8)                          | B Heptachlo...  | 5.154 | 6.087  | 13927938 | 133.4E6  | 11.000  | 14.946 #  |
| 9)                          | A Endosulfan I  | 5.492 | 6.449  | 12768343 | 122.6E6  | 10.765  | 12.374    |
| 10)                         | B gamma-Chl...  | 5.380 | 6.323  | 14053632 | 133.5E6  | 10.987  | 12.473    |
| 11)                         | B alpha-Chl...  | 5.438 | 6.398  | 13926504 | 131.3E6  | 11.006  | 12.514    |
| 12)                         | B 4,4'-DDE      | 5.604 | 6.548  | 12672650 | 124.7E6  | 10.949  | 12.563    |
| 13)                         | MA Dieldrin     | 5.736 | 6.707  | 13684169 | 130.1E6  | 11.069  | 12.705    |
| 14)                         | MA Endrin       | 5.994 | 6.928  | 11244433 | 97431669 | 10.120  | 11.987    |
| 15)                         | B Endosulfa...  | 6.268 | 7.133  | 12509757 | 107.9E6  | 11.960  | 13.114    |
| 16)                         | A 4,4'-DDD      | 6.121 | 7.039  | 10738471 | 99259521 | 10.786  | 12.251    |
| 17)                         | MA 4,4'-DDT     | 6.361 | 7.342  | 8714973  | 86902846 | 9.078   | 10.567    |
| 18)                         | B Endrin al...  | 6.437 | 7.257  | 10290171 | 86709914 | 11.966  | 13.591    |
| 19)                         | B Endosulfa...  | 6.650 | 7.482  | 9974293  | 83431751 | 9.068   | 10.443    |
| 20)                         | A Methoxychlor  | 6.911 | 7.795  | 5967630  | 49534641 | 10.354  | 12.013    |
| 21)                         | B Endrin ke...  | 7.143 | 7.956  | 14165387 | 109.2E6  | 11.307  | 13.074    |
| 22)                         | Mirex           | 7.326 | 8.422  | 35074959 | 231.6E6  | 35.041  | 39.436    |
| 24)                         | Chlordane-2     | 0.000 | 5.698f | 0        | 150.8E6  | N.D.    | 365.688 # |
| 25)                         | Chlordane-3     | 5.380 | 6.323  | 14053632 | 133.5E6  | 109.773 | 91.158    |
| 26)                         | Chlordane-4     | 5.438 | 6.398  | 13926504 | 131.3E6  | 128.958 | 76.151 #  |
| 27)                         | Chlordane-5     | 6.268 | 0.000  | 12509757 | 0        | 295.271 | N.D. #    |
| -----                       |                 |       |        |          |          |         |           |

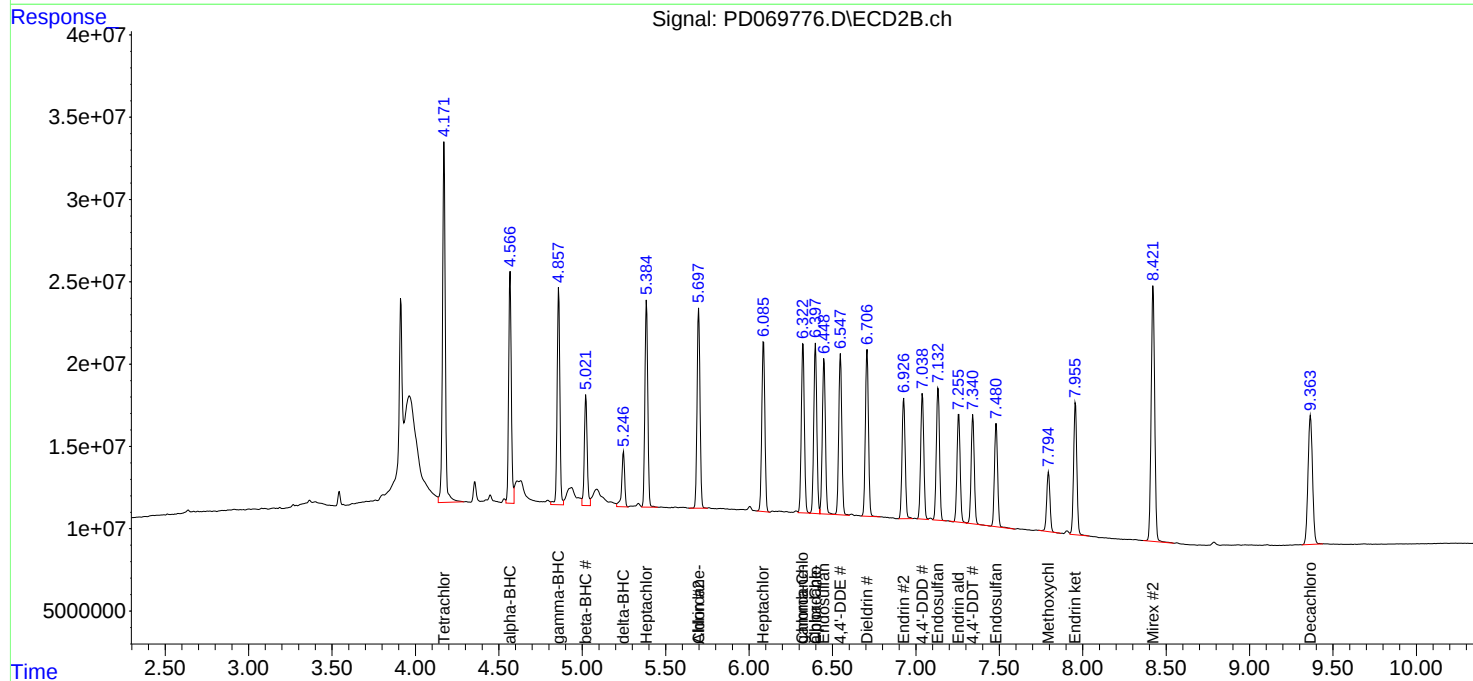
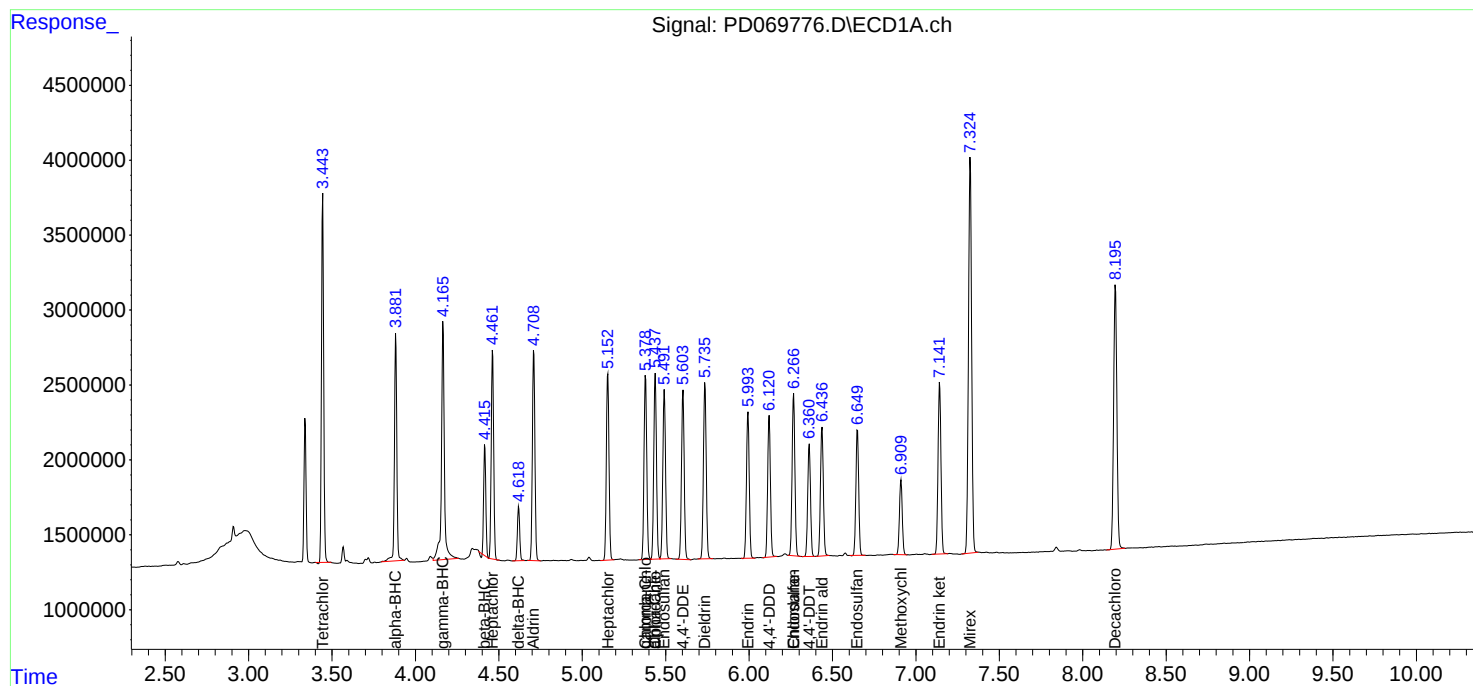
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

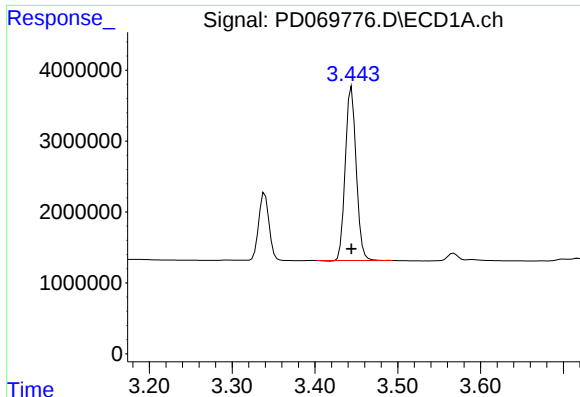
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
Data File : PD069776.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 May 2022 02:28  
Operator : AR\AJ  
Sample : PB145021BS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 03:23:27 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052022.M  
Quant Title : GC Extractables  
QLast Update : Mon May 23 02:08:05 2022  
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

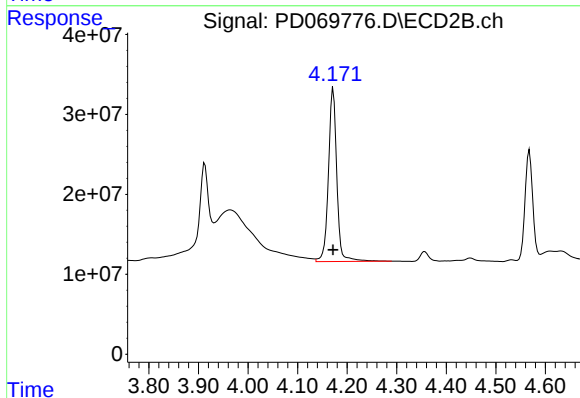




#1 Tetrachloro-m-xylene

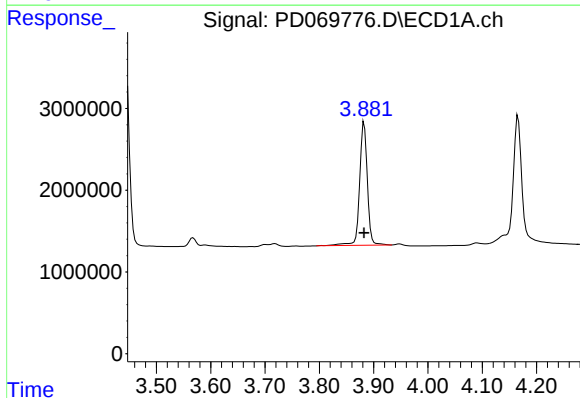
R.T.: 3.444 min  
Delta R.T.: 0.000 min  
Response: 22369859  
Conc: 22.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



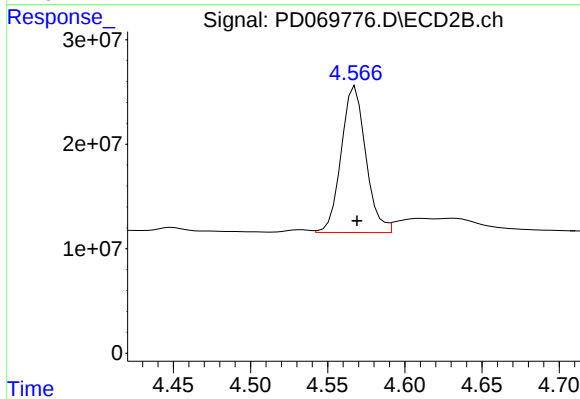
#1 Tetrachloro-m-xylene

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 254751842  
Conc: 26.66 ng/ml



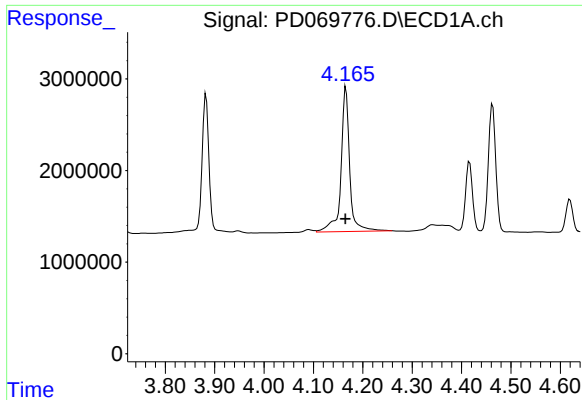
#2 alpha-BHC

R.T.: 3.883 min  
Delta R.T.: 0.000 min  
Response: 14897100  
Conc: 9.98 ng/ml



#2 alpha-BHC

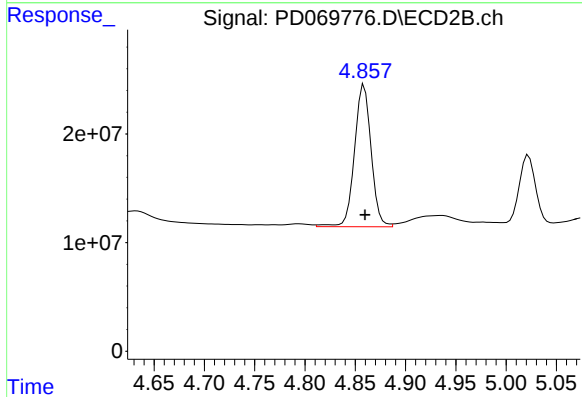
R.T.: 4.568 min  
Delta R.T.: -0.001 min  
Response: 154807685  
Conc: 11.10 ng/ml



#3 gamma-BHC (Lindane)

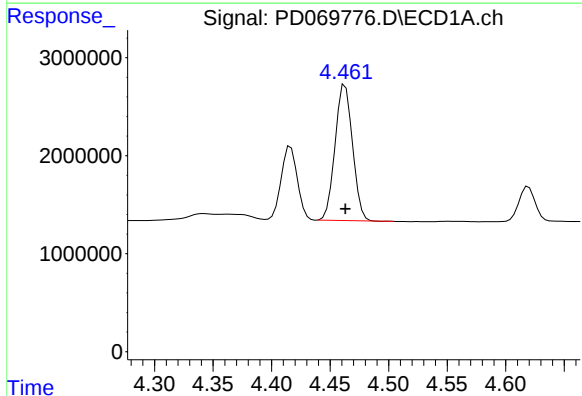
R.T.: 4.166 min  
Delta R.T.: 0.001 min  
Response: 19215660  
Conc: 13.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



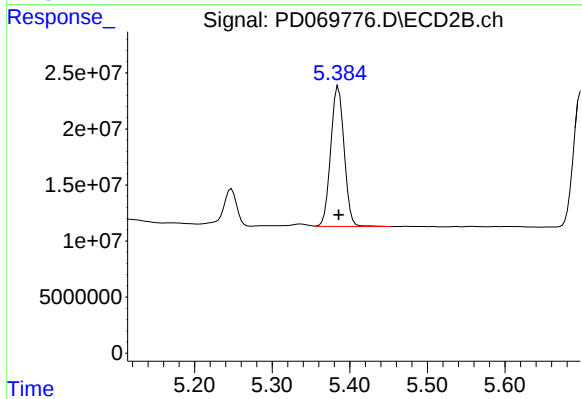
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: -0.001 min  
Response: 150113107  
Conc: 11.72 ng/ml



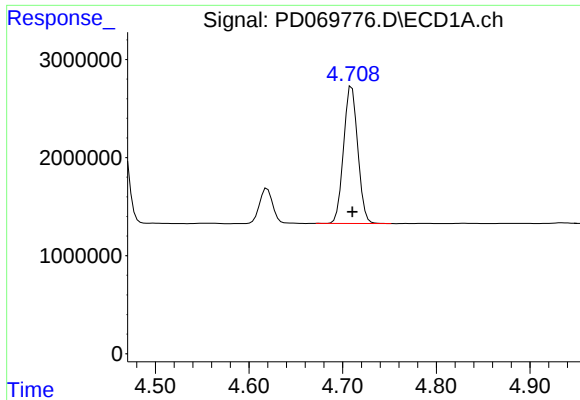
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 14371851  
Conc: 10.26 ng/ml



#4 Heptachlor

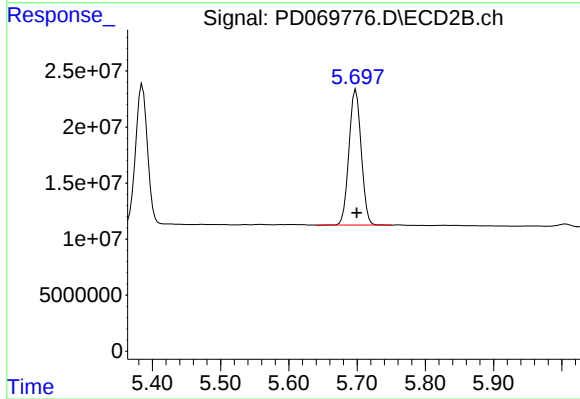
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 150196761  
Conc: 12.09 ng/ml



#5 Aldrin

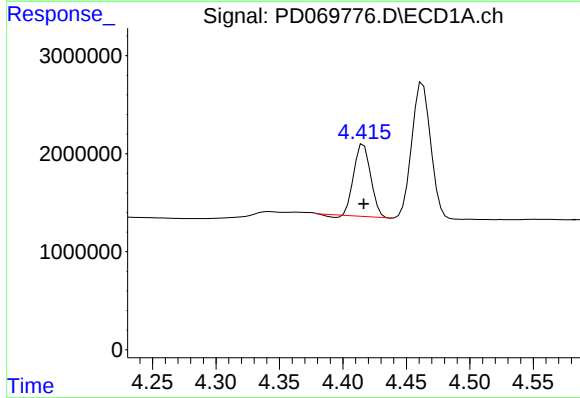
R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 14742094  
Conc: 10.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



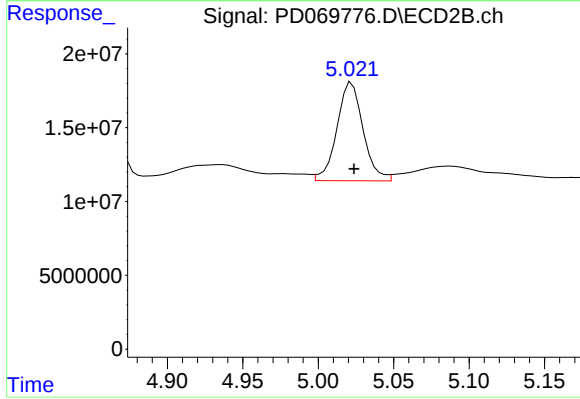
#5 Aldrin

R.T.: 5.698 min  
Delta R.T.: -0.001 min  
Response: 150756950  
Conc: 12.51 ng/ml



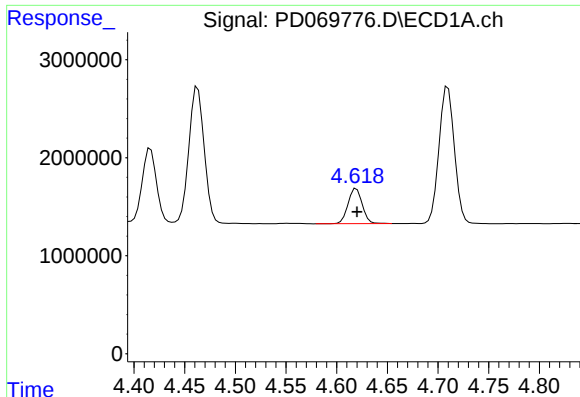
#6 beta-BHC

R.T.: 4.416 min  
Delta R.T.: 0.000 min  
Response: 6742365  
Conc: 10.35 ng/ml



#6 beta-BHC

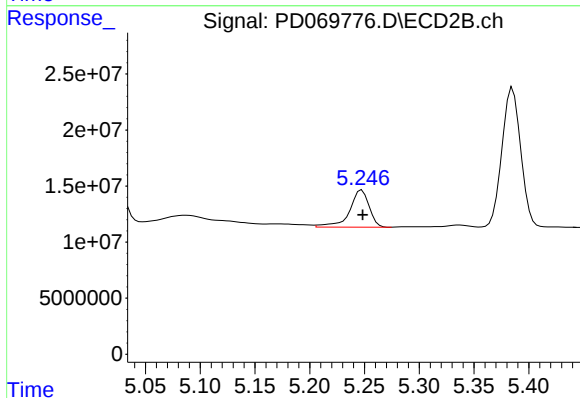
R.T.: 5.022 min  
Delta R.T.: -0.001 min  
Response: 80503497  
Conc: 14.34 ng/ml



#7 delta-BHC

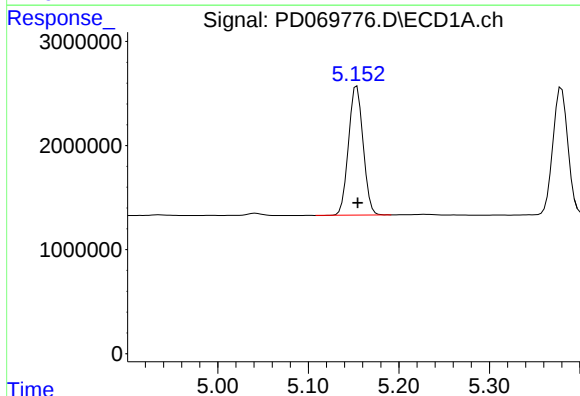
R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 3490608  
Conc: 2.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



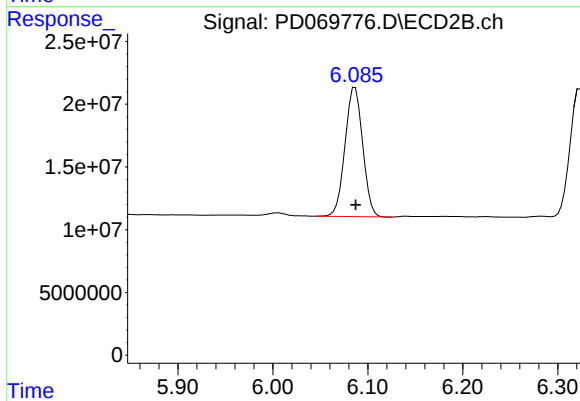
#7 delta-BHC

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 41315922  
Conc: 4.58 ng/ml



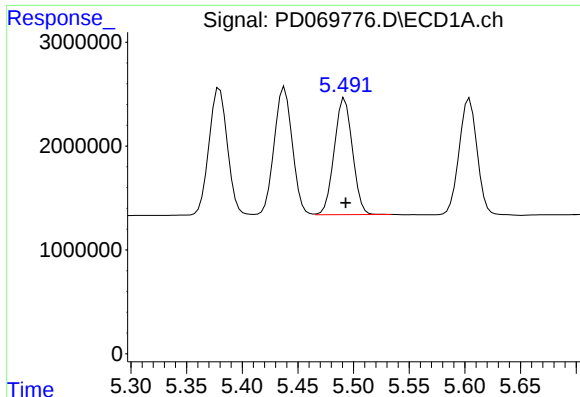
#8 Heptachlor epoxide

R.T.: 5.154 min  
Delta R.T.: -0.001 min  
Response: 13927938  
Conc: 11.00 ng/ml



#8 Heptachlor epoxide

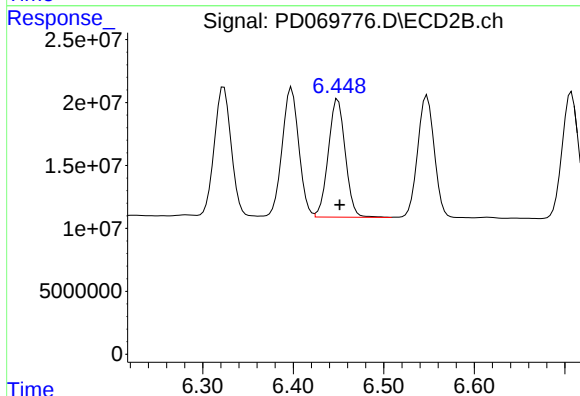
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 133368799  
Conc: 14.95 ng/ml



#9 Endosulfan I

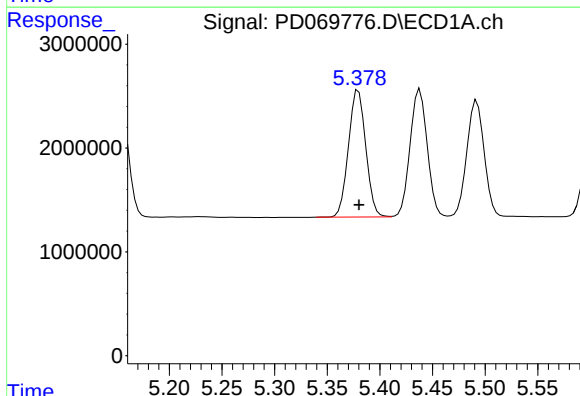
R.T.: 5.492 min  
Delta R.T.: -0.001 min  
Response: 12768343  
Conc: 10.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



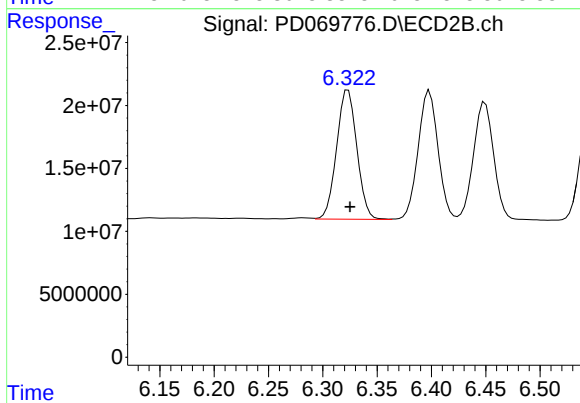
#9 Endosulfan I

R.T.: 6.449 min  
Delta R.T.: -0.002 min  
Response: 122643410  
Conc: 12.37 ng/ml



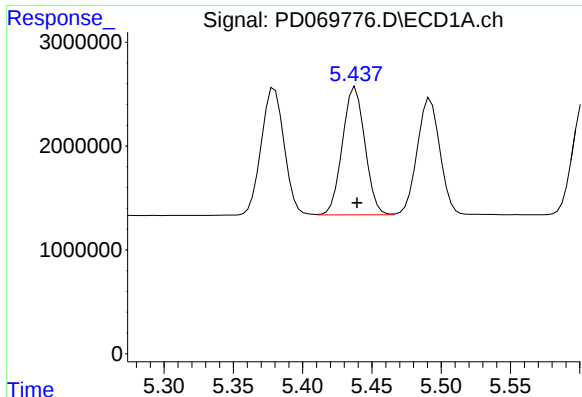
#10 gamma-Chlordane

R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 14053632  
Conc: 10.99 ng/ml



#10 gamma-Chlordane

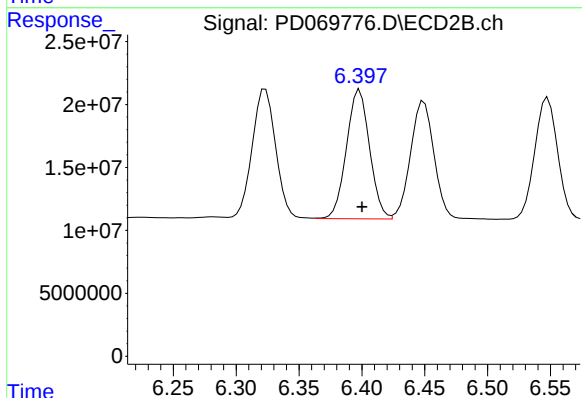
R.T.: 6.323 min  
Delta R.T.: -0.002 min  
Response: 133497659  
Conc: 12.47 ng/ml



#11 alpha-Chlordane

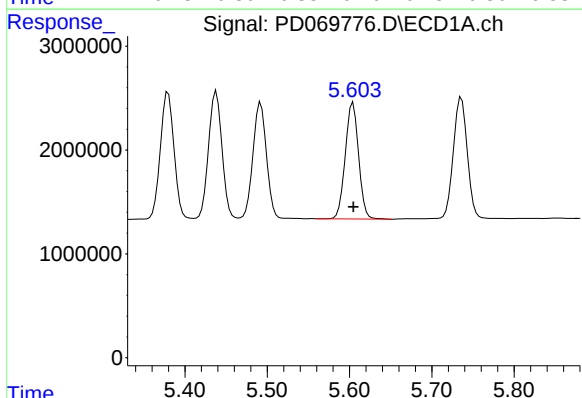
R.T.: 5.438 min  
Delta R.T.: -0.001 min  
Response: 13926504  
Conc: 11.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



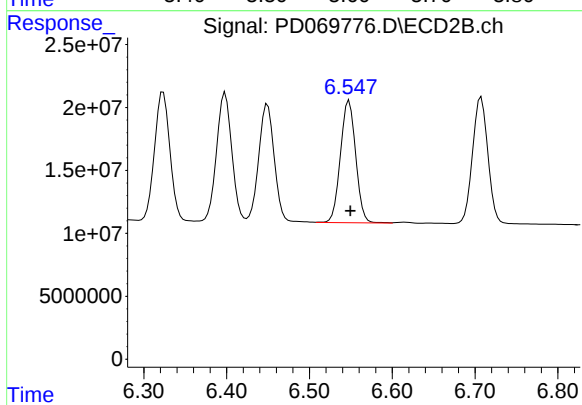
#11 alpha-Chlordane

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 131337721  
Conc: 12.51 ng/ml



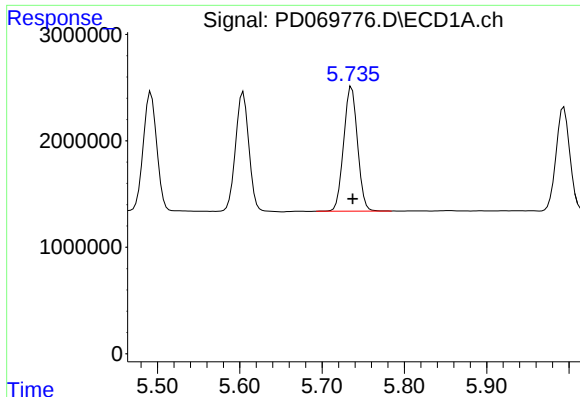
#12 4,4'-DDE

R.T.: 5.604 min  
Delta R.T.: 0.000 min  
Response: 12672650  
Conc: 10.95 ng/ml



#12 4,4'-DDE

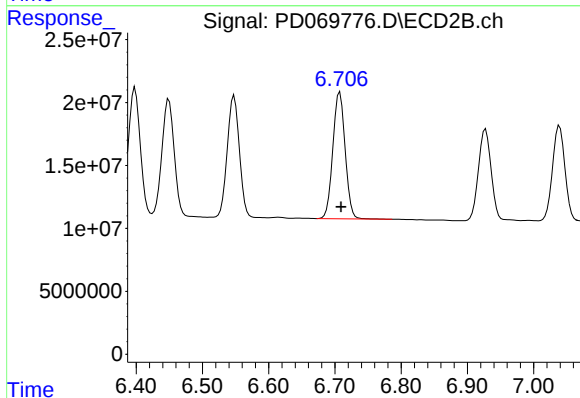
R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 124699579  
Conc: 12.56 ng/ml



#13 Dieldrin

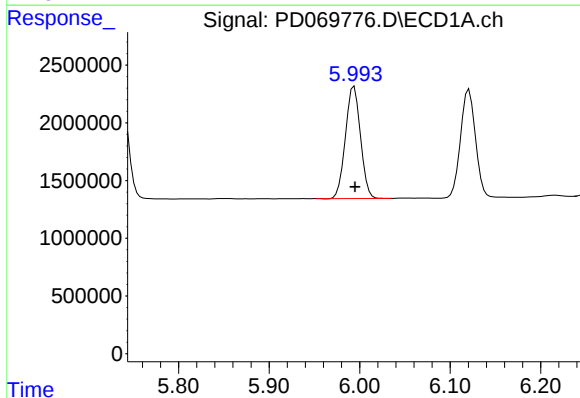
R.T.: 5.736 min  
Delta R.T.: -0.001 min  
Response: 13684169  
Conc: 11.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



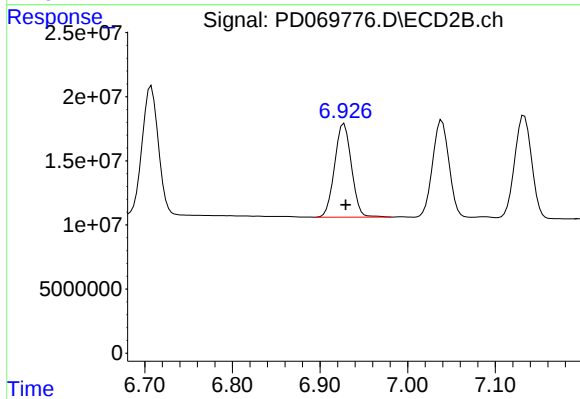
#13 Dieldrin

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 130069144  
Conc: 12.70 ng/ml



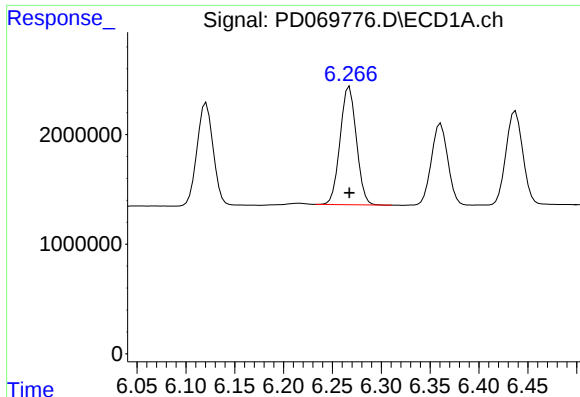
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 11244433  
Conc: 10.12 ng/ml



#14 Endrin

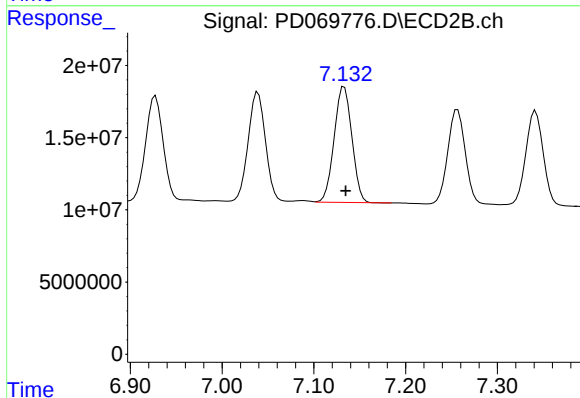
R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 97431669  
Conc: 11.99 ng/ml



#15 Endosulfan II

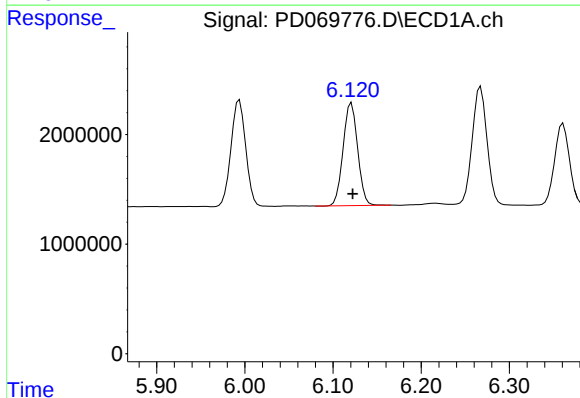
R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 12509757  
Conc: 11.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



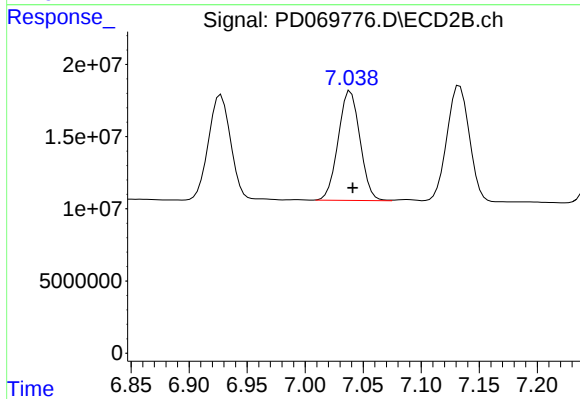
#15 Endosulfan II

R.T.: 7.133 min  
Delta R.T.: -0.002 min  
Response: 107872569  
Conc: 13.11 ng/ml



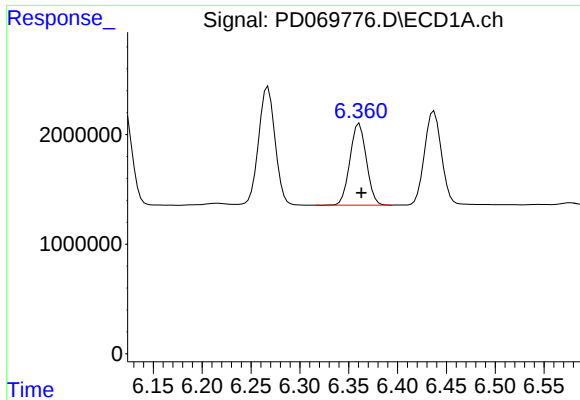
#16 4,4'-DDD

R.T.: 6.121 min  
Delta R.T.: -0.001 min  
Response: 10738471  
Conc: 10.79 ng/ml



#16 4,4'-DDD

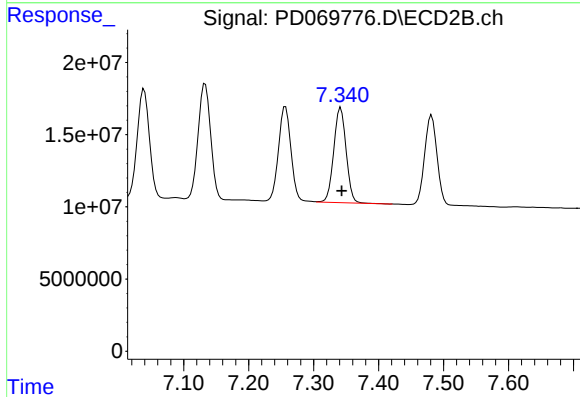
R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 99259521  
Conc: 12.25 ng/ml



#17 4,4'-DDT

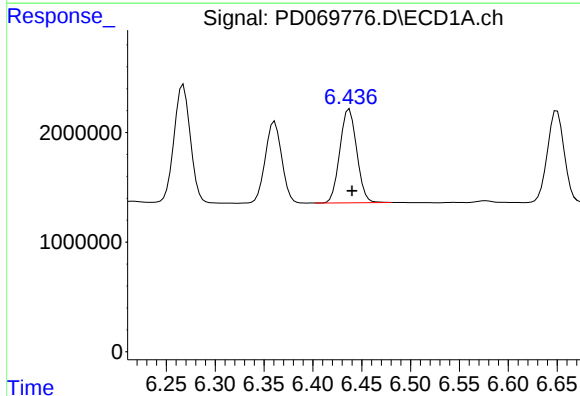
R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 8714973  
Conc: 9.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



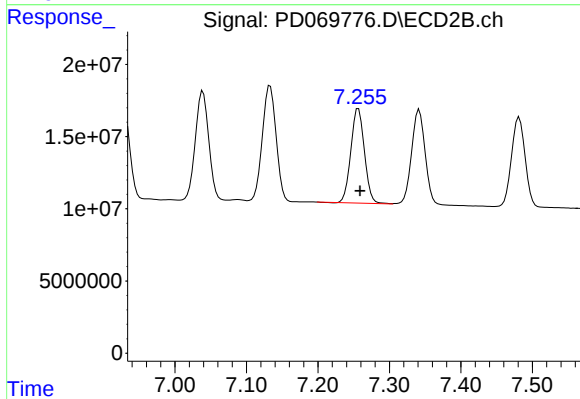
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: -0.002 min  
Response: 86902846  
Conc: 10.57 ng/ml



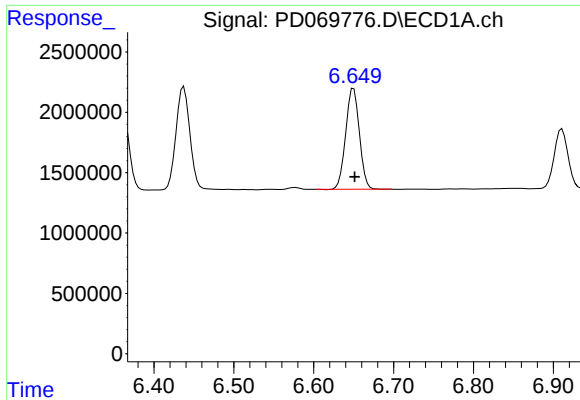
#18 Endrin aldehyde

R.T.: 6.437 min  
Delta R.T.: -0.002 min  
Response: 10290171  
Conc: 11.97 ng/ml



#18 Endrin aldehyde

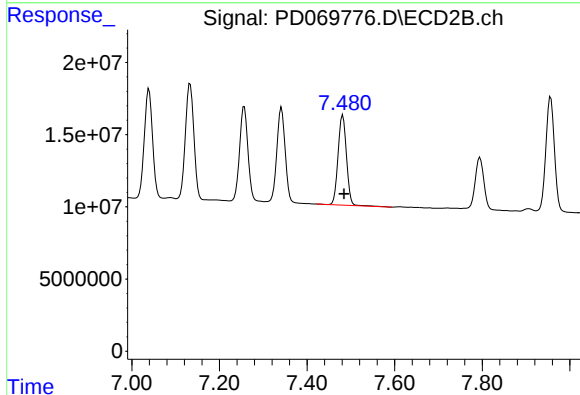
R.T.: 7.257 min  
Delta R.T.: -0.002 min  
Response: 86709914  
Conc: 13.59 ng/ml



#19 Endosulfan Sulfate

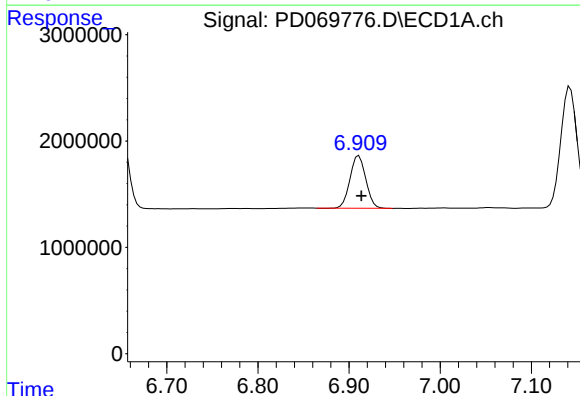
R.T.: 6.650 min  
Delta R.T.: -0.001 min  
Response: 9974293  
Conc: 9.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



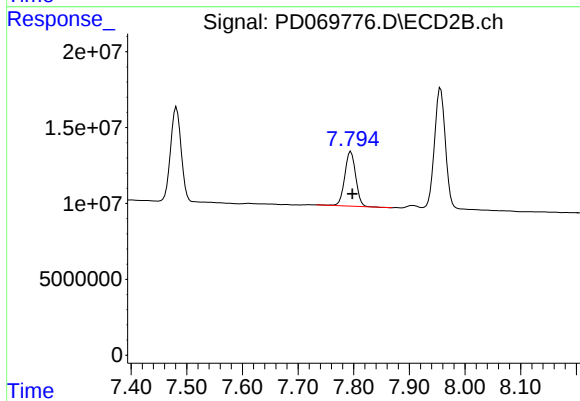
#19 Endosulfan Sulfate

R.T.: 7.482 min  
Delta R.T.: -0.003 min  
Response: 83431751  
Conc: 10.44 ng/ml



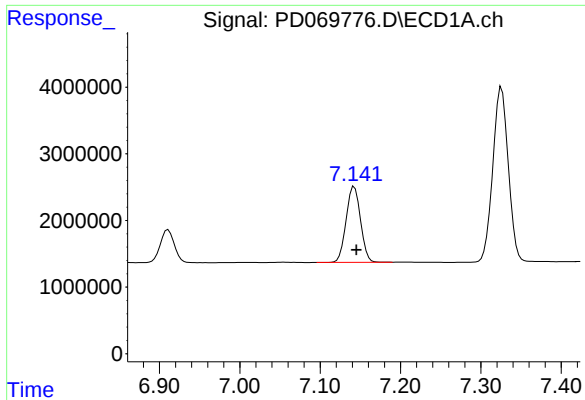
#20 Methoxychlor

R.T.: 6.911 min  
Delta R.T.: -0.003 min  
Response: 5967630  
Conc: 10.35 ng/ml



#20 Methoxychlor

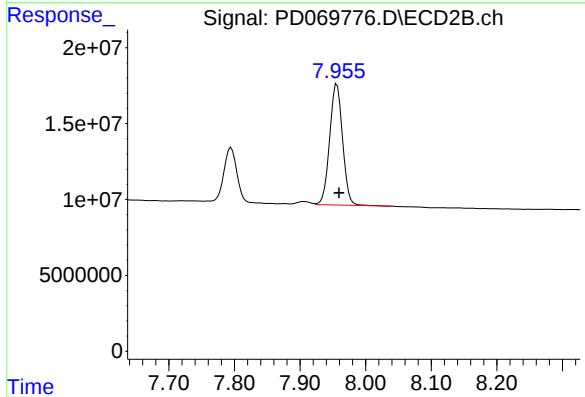
R.T.: 7.795 min  
Delta R.T.: -0.003 min  
Response: 49534641  
Conc: 12.01 ng/ml



#21 Endrin ketone

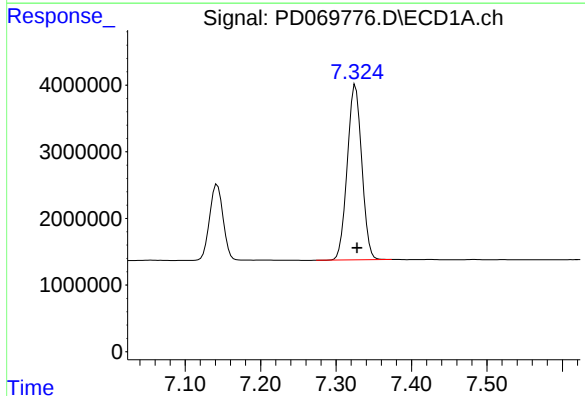
R.T.: 7.143 min  
Delta R.T.: -0.003 min  
Response: 14165387  
Conc: 11.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



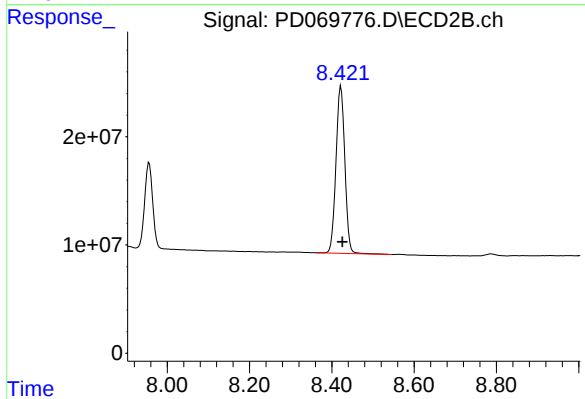
#21 Endrin ketone

R.T.: 7.956 min  
Delta R.T.: -0.003 min  
Response: 109221608  
Conc: 13.07 ng/ml



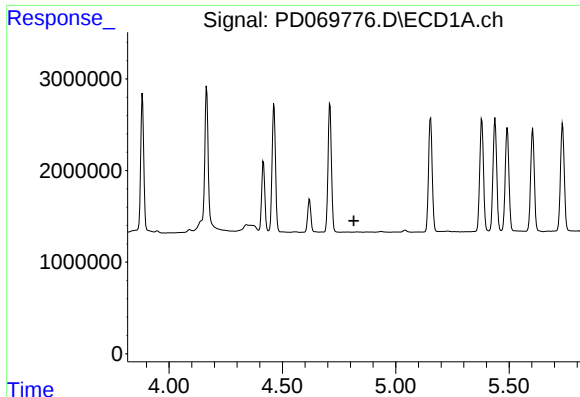
#22 Mirex

R.T.: 7.326 min  
Delta R.T.: -0.002 min  
Response: 35074959  
Conc: 35.04 ng/ml



#22 Mirex

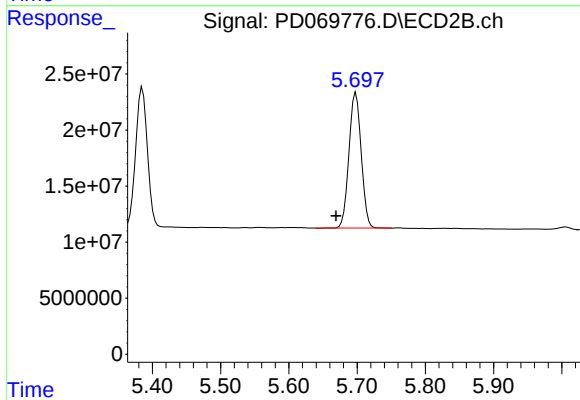
R.T.: 8.422 min  
Delta R.T.: -0.003 min  
Response: 231579414  
Conc: 39.44 ng/ml



#24 Chlordane-2

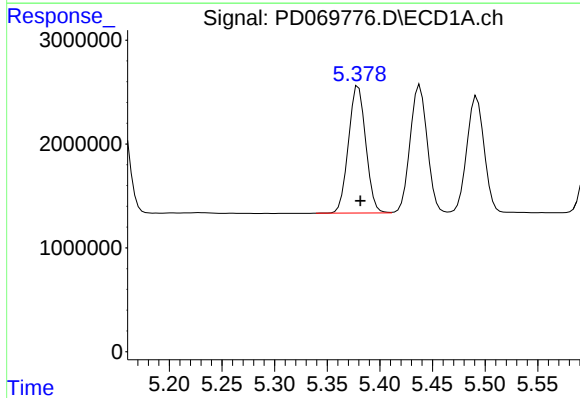
R.T.: 0.000 min  
Exp R.T.: 4.814 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



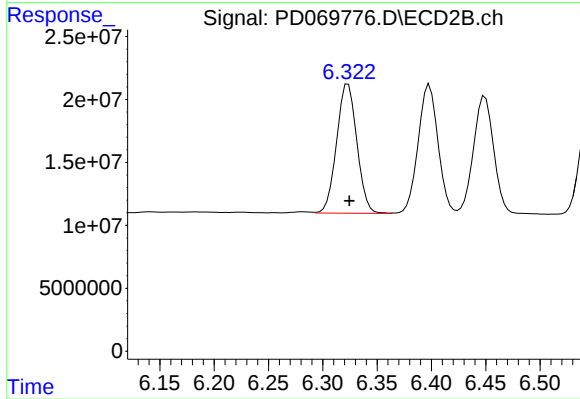
#24 Chlordane-2

R.T.: 5.698 min  
Delta R.T.: 0.029 min  
Response: 150756950  
Conc: 365.69 ng/ml



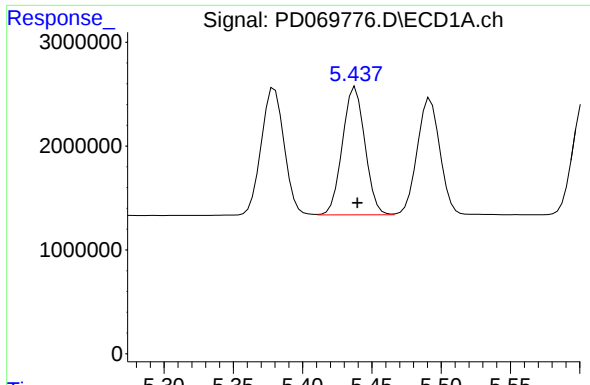
#25 Chlordane-3

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 14053632  
Conc: 109.77 ng/ml



#25 Chlordane-3

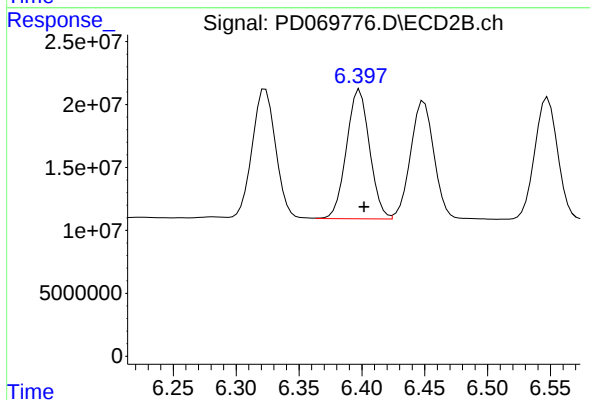
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 133497659  
Conc: 91.16 ng/ml



#26 Chlordane-4

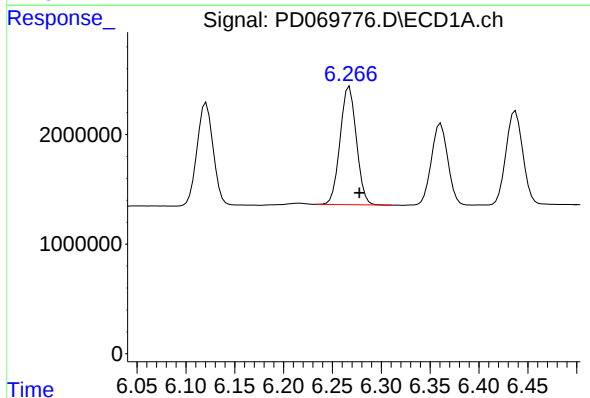
R.T.: 5.438 min  
Delta R.T.: -0.002 min  
Response: 13926504  
Conc: 128.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



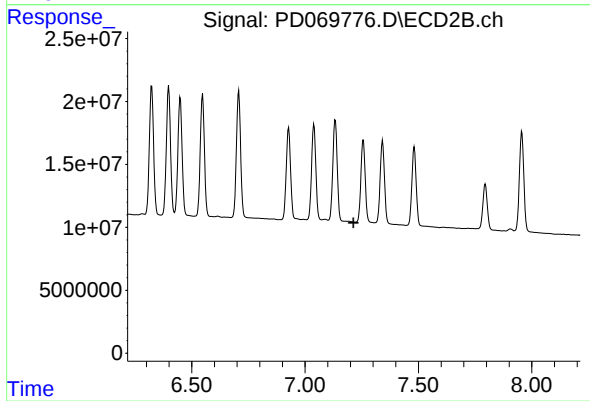
#26 Chlordane-4

R.T.: 6.398 min  
Delta R.T.: -0.003 min  
Response: 131337721  
Conc: 76.15 ng/ml



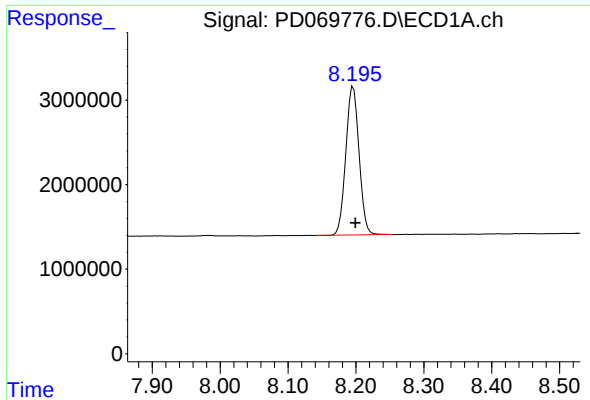
#27 Chlordane-5

R.T.: 6.268 min  
Delta R.T.: -0.010 min  
Response: 12509757  
Conc: 295.27 ng/ml



#27 Chlordane-5

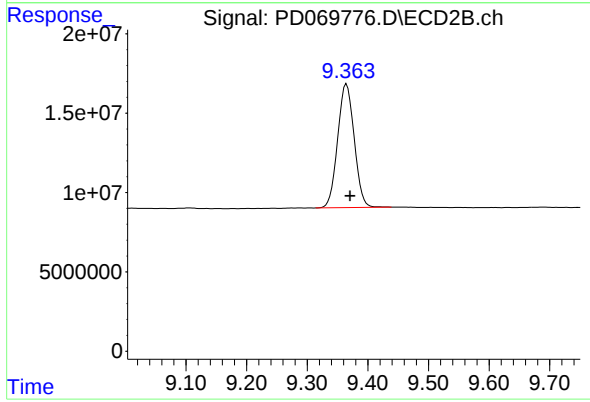
R.T.: 0.000 min  
Exp R.T.: 7.214 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 23787858  
Conc: 22.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.365 min  
Delta R.T.: -0.006 min  
Response: 147728147  
Conc: 24.65 ng/ml