

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043022\  
 Data File : PD069343.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2022 14:43  
 Operator : AR\AJ  
 Sample : INDA358  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 02 02:20:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 21 02:24:30 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

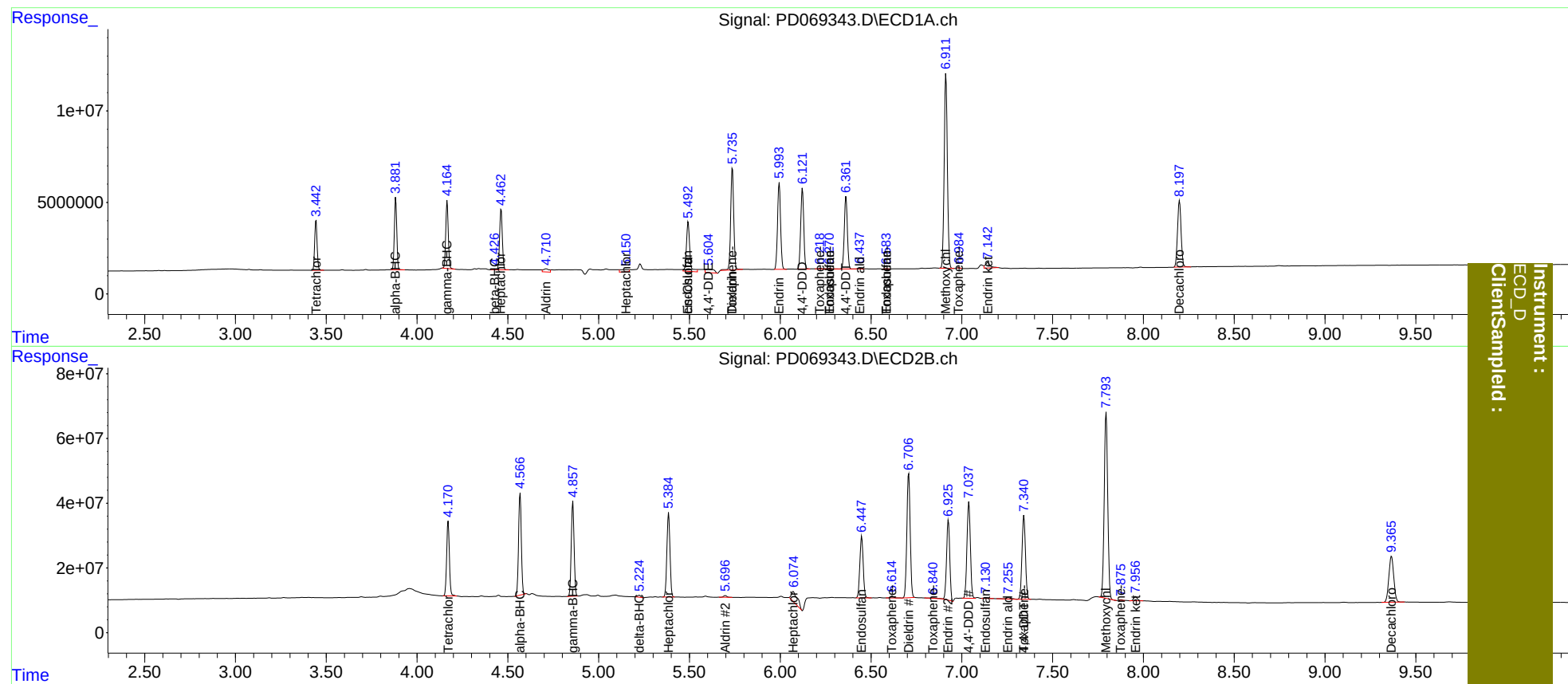
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.444  | 4.171  | 25430777 | 241.7E6  | 20.072   | 20.026     |
| 27)                         | SA Decachlor... | 8.199  | 9.366  | 49548105 | 266.6E6  | 37.260   | 37.908     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.882  | 4.568  | 36187566 | 332.8E6  | 20.245   | 20.241     |
| 3)                          | MA gamma-BHC... | 4.166  | 4.858  | 35440035 | 313.8E6  | 19.593   | 20.140     |
| 4)                          | MA Heptachlor   | 4.463  | 5.385  | 34229858 | 305.9E6  | 20.161   | 20.205     |
| 5)                          | MB Aldrin       | 4.711  | 5.698  | 3768076  | 6317047  | 2.365    | 0.443 #    |
| 6)                          | B beta-BHC      | 4.428  | 0.000  | 486349   | 0        | 0.628    | N.D. #     |
| 7)                          | B delta-BHC     | 0.000  | 5.224  | 0        | 7518761  | N.D.     | 0.640      |
| 8)                          | B Heptachlo...  | 5.153  | 6.072  | 3895801  | 72476749 | 2.647    | 6.505 #    |
| 9)                          | A Endosulfan I  | 5.493  | 6.449  | 34088700 | 244.6E6  | 23.360   | 20.592     |
| 10)                         | B trans-Chl...  | 5.340f | 6.334  | 101802   | -595257  | <MDL     | N.D. #     |
| 11)                         | B cis-Chlor...  | 5.493f | 6.399  | 34088700 | 415767   | 22.838   | <MDL #     |
| 12)                         | B 4,4'-DDE      | 5.605  | 6.549  | 6160431  | 1072112  | 4.593    | <MDL #     |
| 13)                         | MA Dieldrin     | 5.737  | 6.707  | 65099328 | 492.4E6  | 41.826   | 40.826     |
| 14)                         | MA Endrin       | 5.995  | 6.926  | 55137882 | 301.1E6  | 39.407   | 30.965     |
| 15)                         | B Endosulfa...  | 6.271  | 7.132  | 570001   | 4740402  | 0.442    | 0.495      |
| 16)                         | A 4,4'-DDD      | 6.122  | 7.039  | 50833655 | 387.4E6  | 41.694   | 41.371     |
| 17)                         | MA 4,4'-DDT     | 6.362  | 7.342  | 46272366 | 342.0E6  | 37.721   | 37.991     |
| 18)                         | B Endrin al...  | 6.438  | 7.257  | 734863   | 8335488  | 0.740    | 1.167 #    |
| 19)                         | B Endosulfa...  | 6.585f | 0.000  | 210797   | 0        | 0.168    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.912  | 7.795  | 129.4E6  | 769.4E6  | 190.712  | 186.704    |
| 21)                         | B Endrin ke...  | 7.144  | 7.957  | 5742476  | 18054810 | 3.975    | 1.956 #    |
| 22)                         | Toxaphene-1     | 5.737f | 6.616  | 65099328 | 7734975  | 6932.561 | 163.974 #  |
| 23)                         | Toxaphene-2     | 6.219f | 6.841f | 451254   | 2835239  | 45.295   | 26.805 #   |
| 24)                         | Toxaphene-3     | 6.271  | 7.342f | 570001   | 342.0E6  | 24.050   | 1409.078 # |
| 25)                         | Toxaphene-4     | 6.585  | 0.000  | 210797   | 0        | 8.361    | N.D. #     |
| 26)                         | Toxaphene-5     | 6.983f | 7.877  | 148356   | 2020259  | 5.470    | 21.037 #   |
| -----                       |                 |        |        |          |          |          |            |

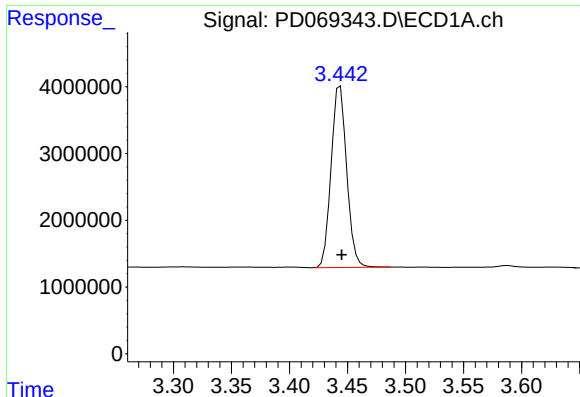
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043022\  
Data File : PD069343.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2022 14:43  
Operator : AR\AJ  
Sample : INDA358  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 02 02:20:09 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041422CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 21 02:24:30 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

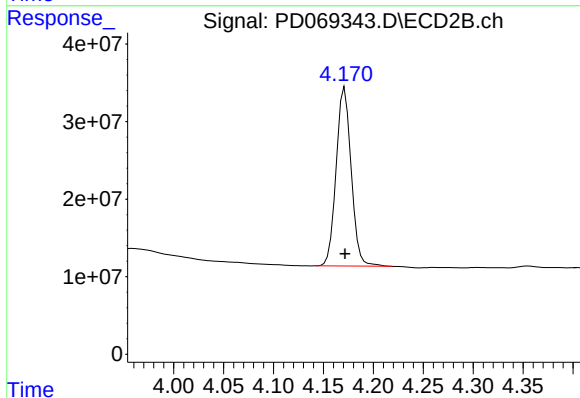




#1 Tetrachloro-m-xylene

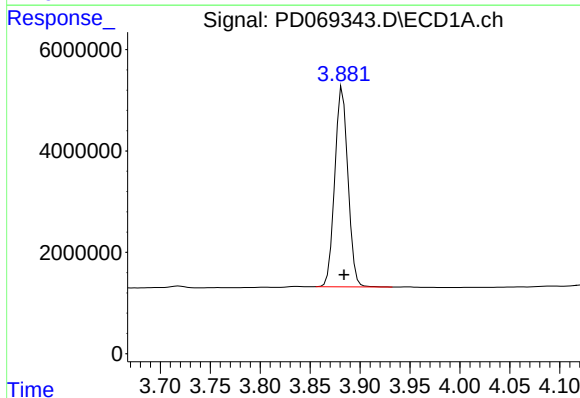
R.T.: 3.444 min  
Delta R.T.: -0.001 min  
Response: 25430777  
Conc: 20.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



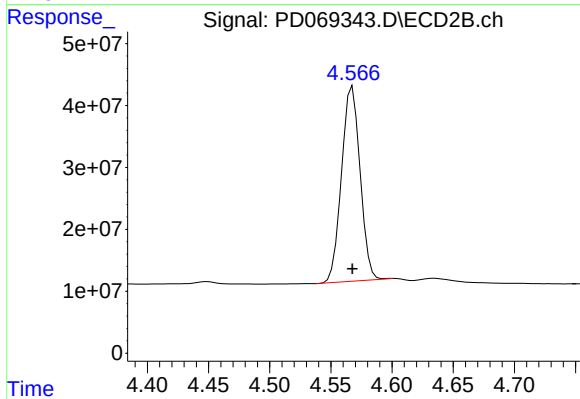
#1 Tetrachloro-m-xylene

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 241699155  
Conc: 20.03 ng/ml



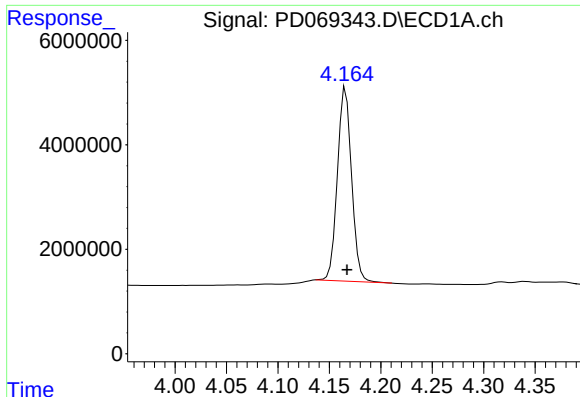
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: -0.002 min  
Response: 36187566  
Conc: 20.25 ng/ml



#2 alpha-BHC

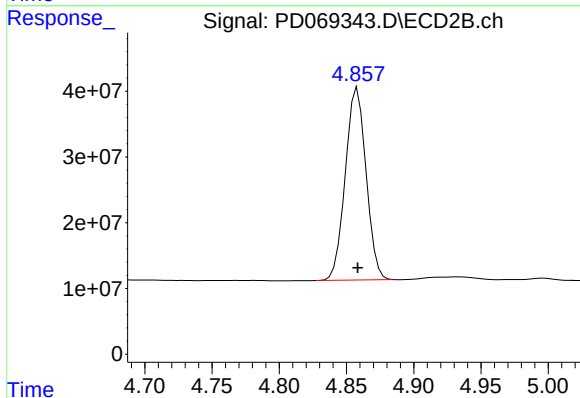
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 332757446  
Conc: 20.24 ng/ml



#3 gamma-BHC (Lindane)

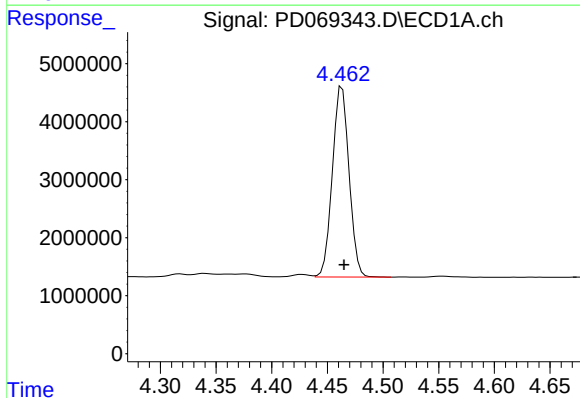
R.T.: 4.166 min  
Delta R.T.: -0.002 min  
Response: 35440035  
Conc: 19.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



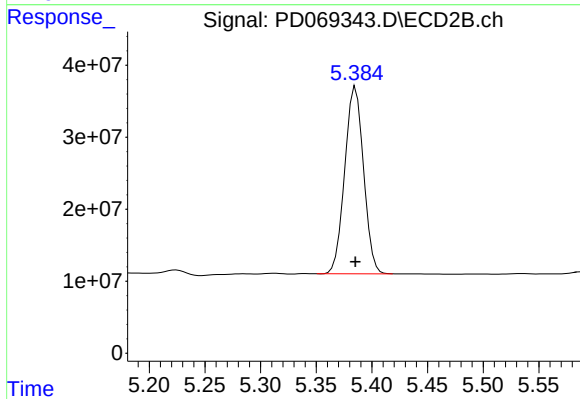
#3 gamma-BHC (Lindane)

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 313786883  
Conc: 20.14 ng/ml



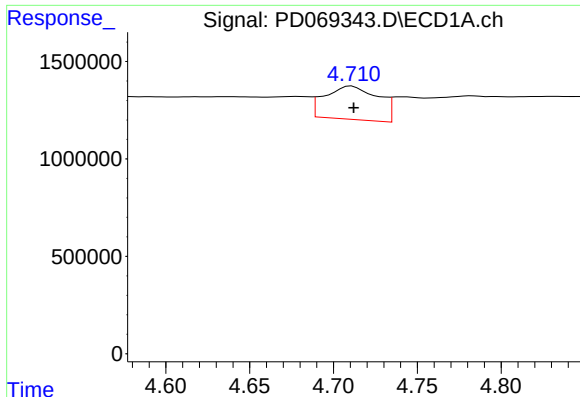
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 34229858  
Conc: 20.16 ng/ml



#4 Heptachlor

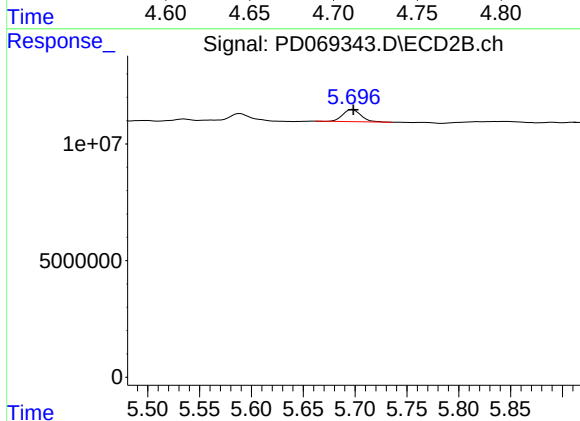
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 305869138  
Conc: 20.20 ng/ml



#5 Aldrin

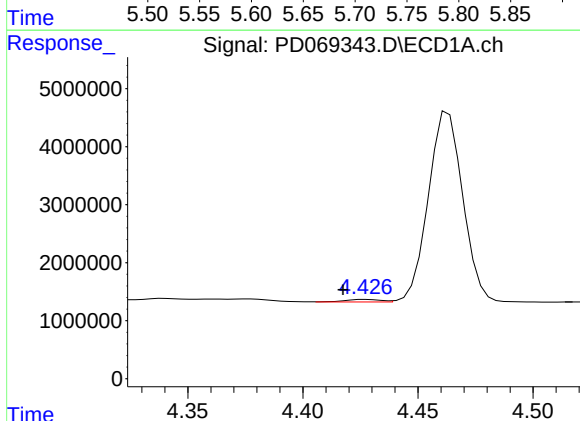
R.T.: 4.711 min  
Delta R.T.: -0.001 min  
Response: 3768076  
Conc: 2.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



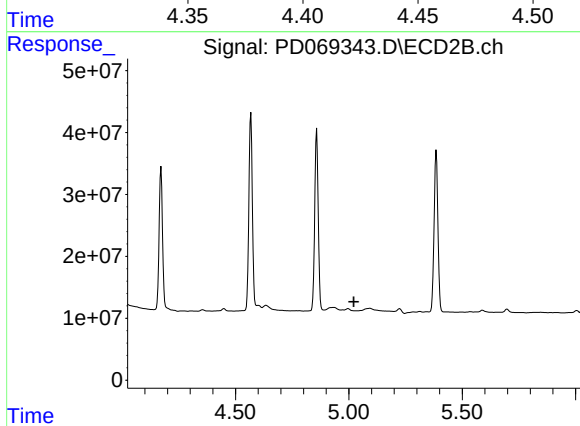
#5 Aldrin

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 6317047  
Conc: 0.44 ng/ml



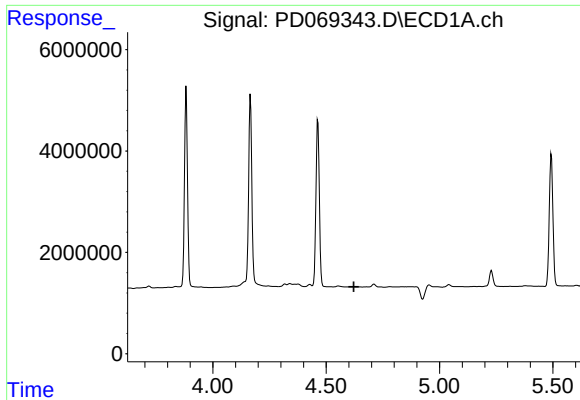
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.010 min  
Response: 486349  
Conc: 0.63 ng/ml



#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.021 min  
Response: 0  
Conc: N.D.

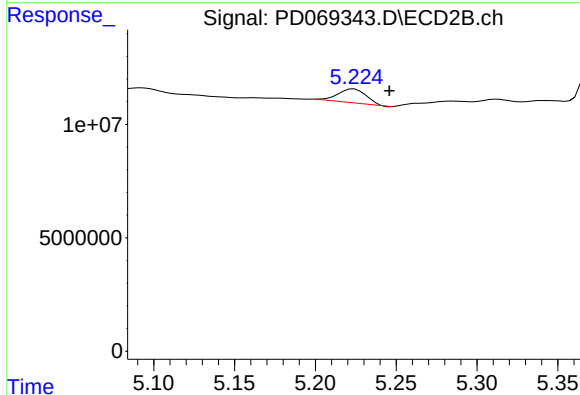


#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.621 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

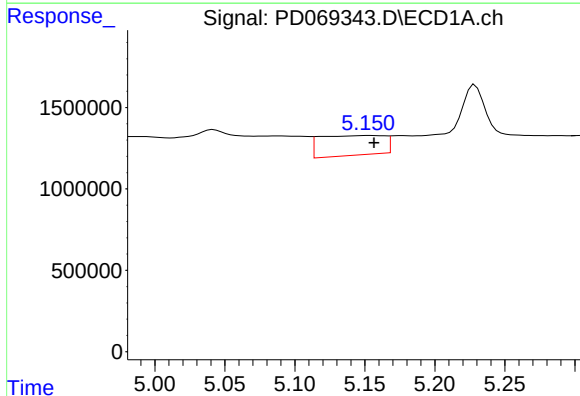
Time



#7 delta-BHC

R.T.: 5.224 min  
Delta R.T.: -0.022 min  
Response: 7518761  
Conc: 0.64 ng/ml

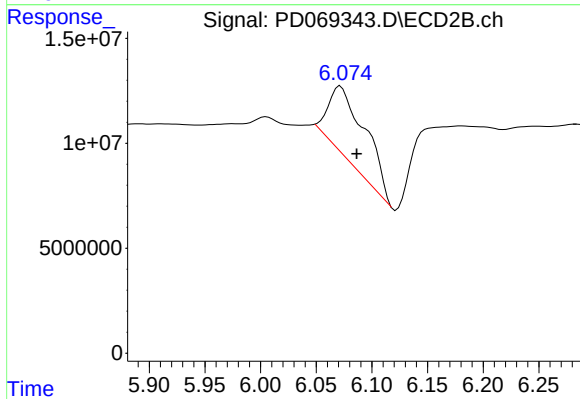
Time



#8 Heptachlor epoxide

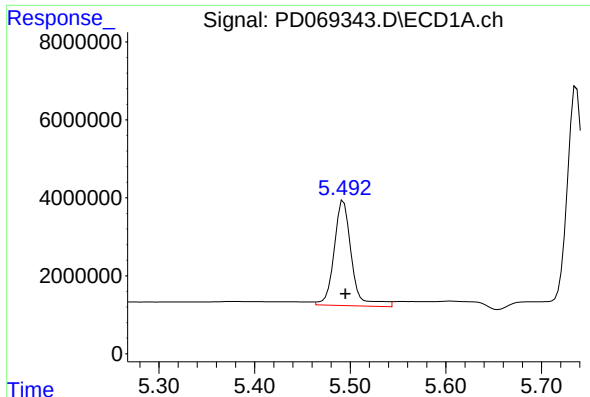
R.T.: 5.153 min  
Delta R.T.: -0.004 min  
Response: 3895801  
Conc: 2.65 ng/ml

Time



#8 Heptachlor epoxide

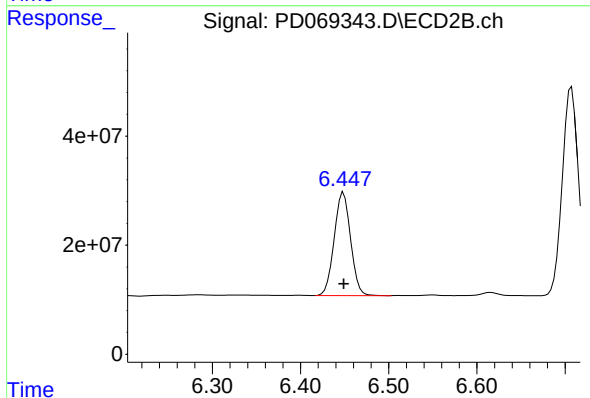
R.T.: 6.072 min  
Delta R.T.: -0.015 min  
Response: 72476749  
Conc: 6.51 ng/ml



#9 Endosulfan I

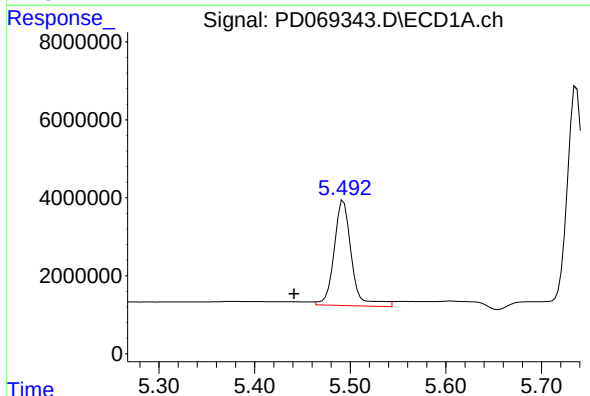
R.T.: 5.493 min  
Delta R.T.: -0.002 min  
Response: 34088700  
Conc: 23.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



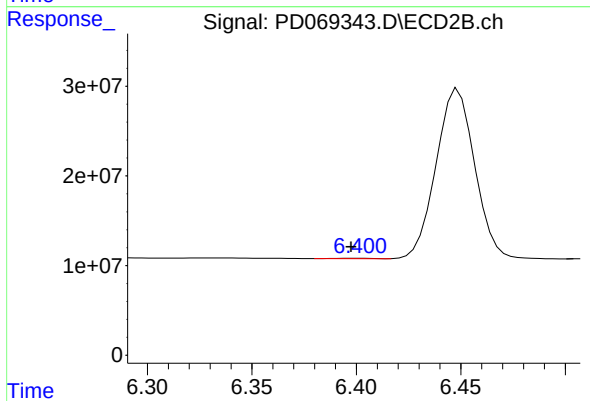
#9 Endosulfan I

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 244578244  
Conc: 20.59 ng/ml



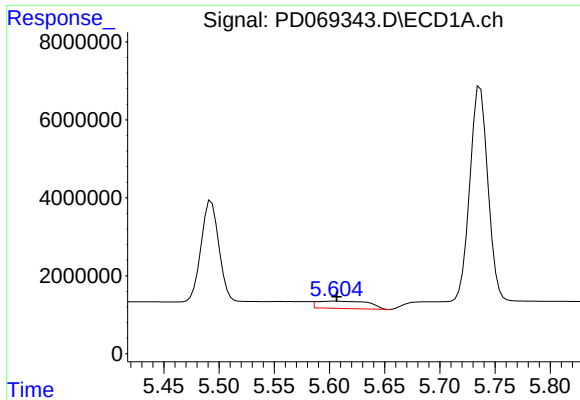
#11 cis-Chlordane

R.T.: 5.493 min  
Delta R.T.: 0.052 min  
Response: 34088700  
Conc: 22.84 ng/ml



#11 cis-Chlordane

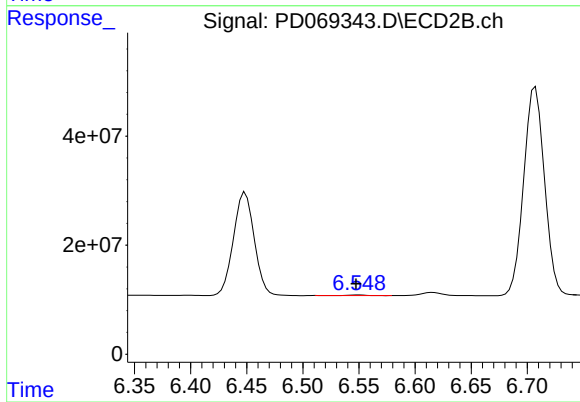
R.T.: 6.399 min  
Delta R.T.: 0.002 min  
Response: 415767  
Conc: N.D.



#12 4,4'-DDE

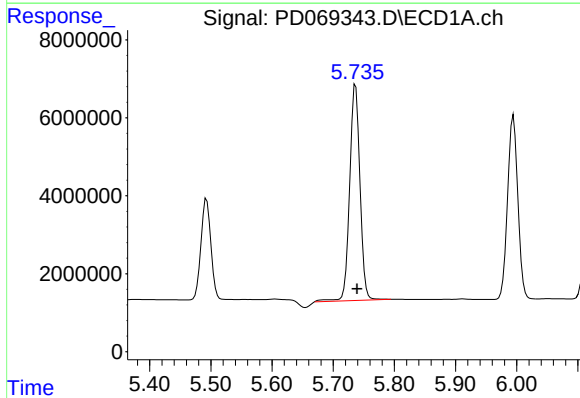
R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 6160431  
Conc: 4.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



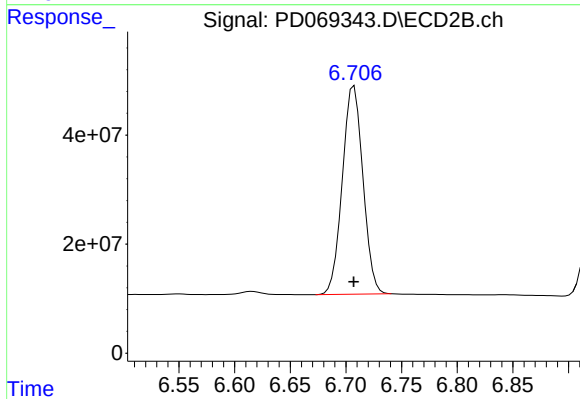
#12 4,4'-DDE

R.T.: 6.549 min  
Delta R.T.: 0.002 min  
Response: 1072112  
Conc: N.D.



#13 Dieldrin

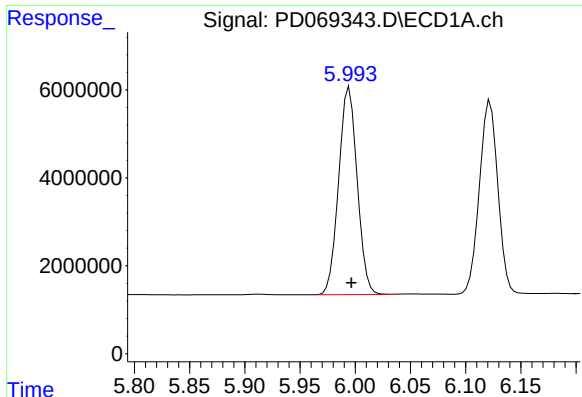
R.T.: 5.737 min  
Delta R.T.: -0.002 min  
Response: 65099328  
Conc: 41.83 ng/ml



#13 Dieldrin

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 492441405  
Conc: 40.83 ng/ml

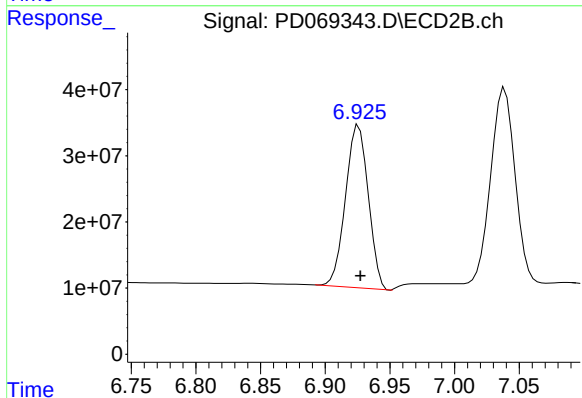




#14 Endrin

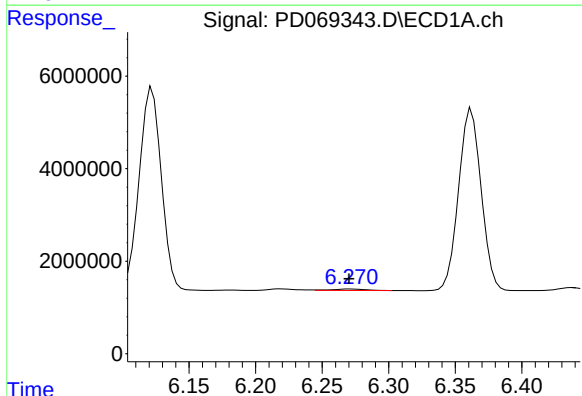
R.T.: 5.995 min  
Delta R.T.: -0.002 min  
Response: 55137882  
Conc: 39.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



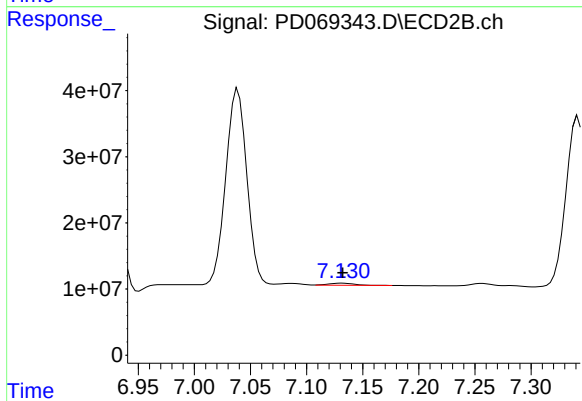
#14 Endrin

R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 301139786  
Conc: 30.96 ng/ml



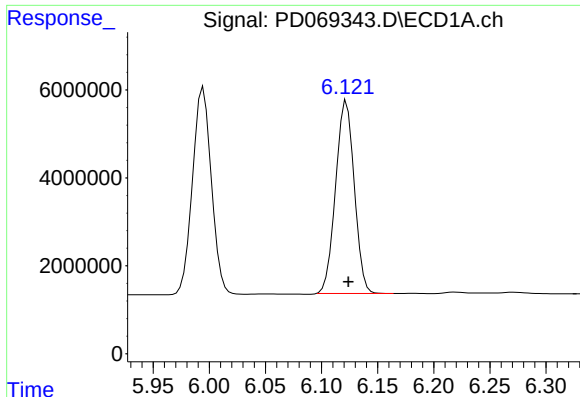
#15 Endosulfan II

R.T.: 6.271 min  
Delta R.T.: 0.001 min  
Response: 570001  
Conc: 0.44 ng/ml



#15 Endosulfan II

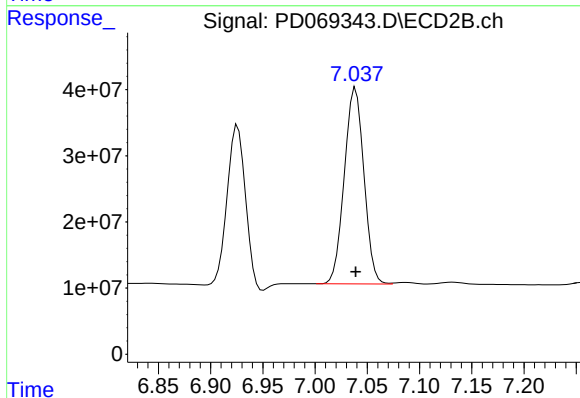
R.T.: 7.132 min  
Delta R.T.: 0.000 min  
Response: 4740402  
Conc: 0.49 ng/ml



#16 4,4'-DDD

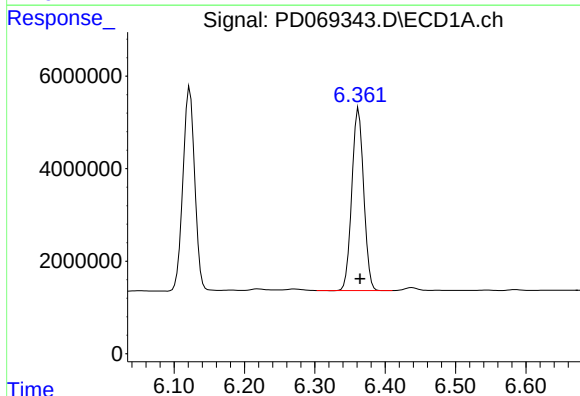
R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 50833655  
Conc: 41.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



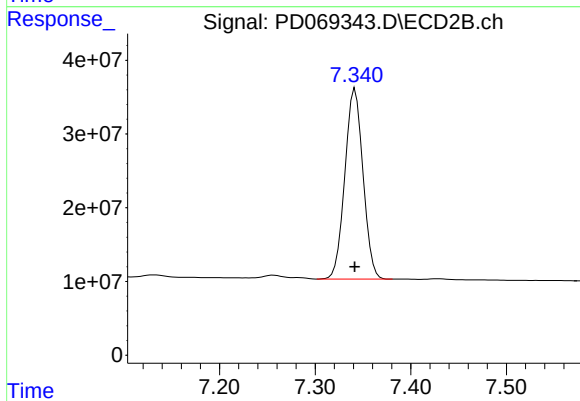
#16 4,4'-DDD

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 387407092  
Conc: 41.37 ng/ml



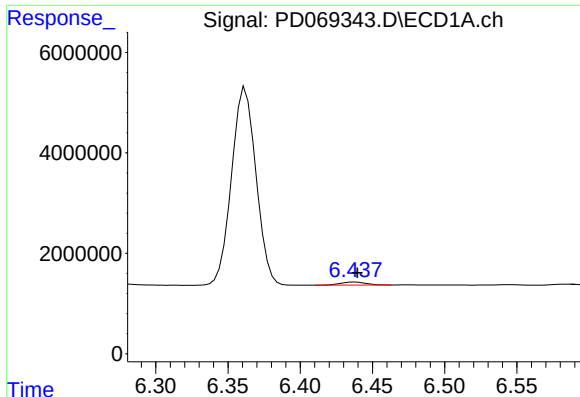
#17 4,4'-DDT

R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 46272366  
Conc: 37.72 ng/ml



#17 4,4'-DDT

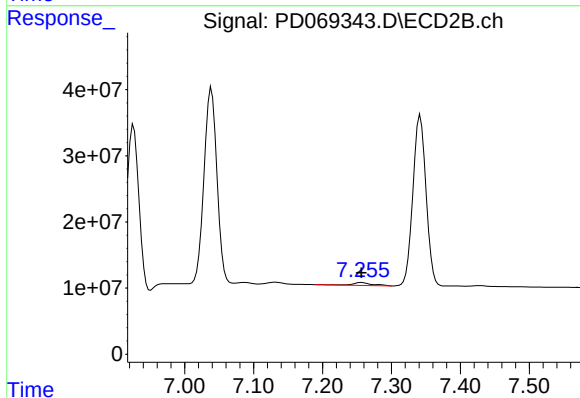
R.T.: 7.342 min  
Delta R.T.: 0.000 min  
Response: 341994970  
Conc: 37.99 ng/ml



#18 Endrin aldehyde

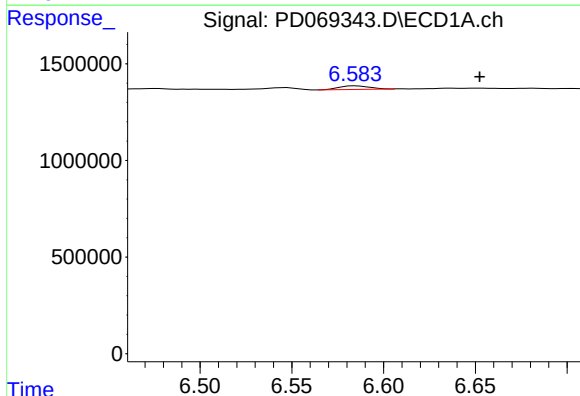
R.T.: 6.438 min  
Delta R.T.: -0.002 min  
Response: 734863  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



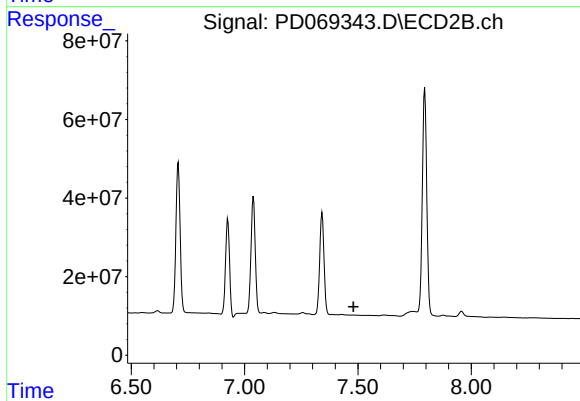
#18 Endrin aldehyde

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 8335488  
Conc: 1.17 ng/ml



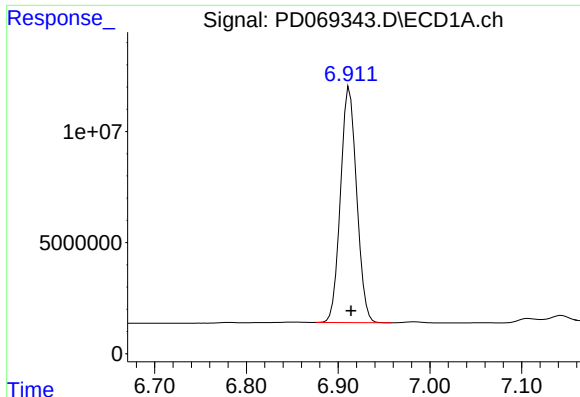
#19 Endosulfan Sulfate

R.T.: 6.585 min  
Delta R.T.: -0.068 min  
Response: 210797  
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

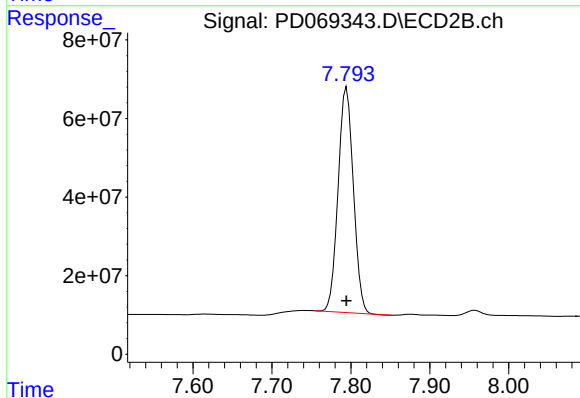
R.T.: 0.000 min  
Exp R.T. : 7.481 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

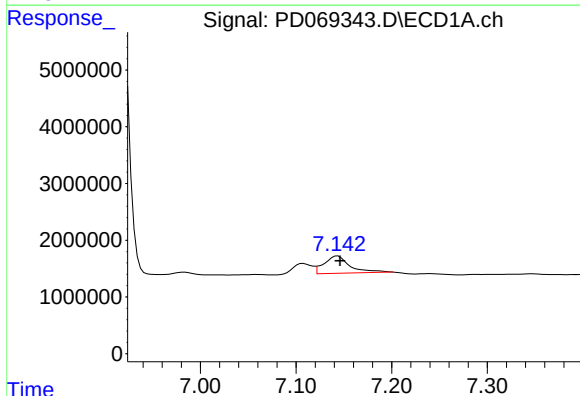
R.T.: 6.912 min  
Delta R.T.: -0.002 min  
Response: 129428774  
Conc: 190.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



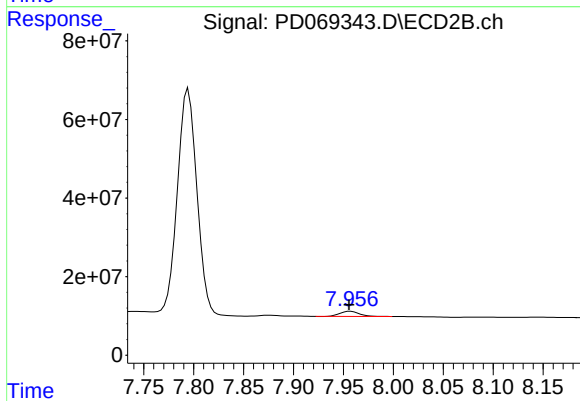
#20 Methoxychlor

R.T.: 7.795 min  
Delta R.T.: 0.000 min  
Response: 769418137  
Conc: 186.70 ng/ml



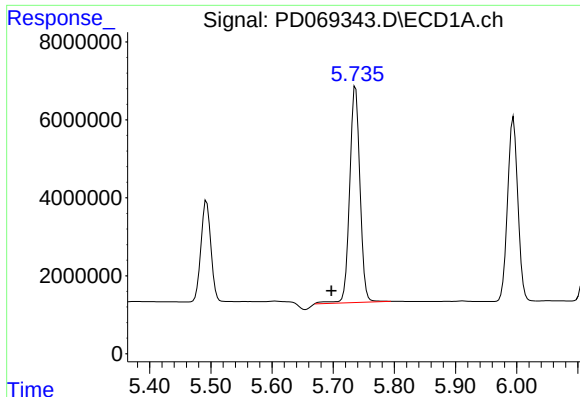
#21 Endrin ketone

R.T.: 7.144 min  
Delta R.T.: -0.002 min  
Response: 5742476  
Conc: 3.97 ng/ml



#21 Endrin ketone

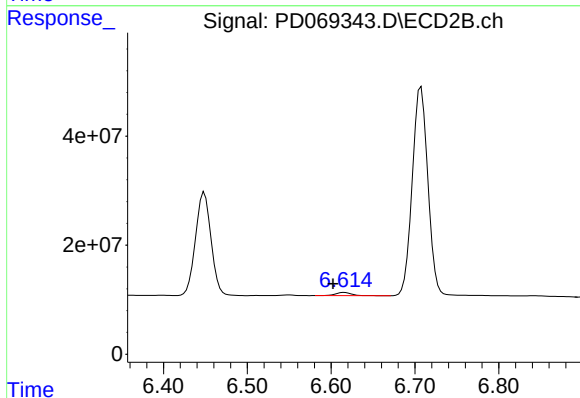
R.T.: 7.957 min  
Delta R.T.: 0.001 min  
Response: 18054810  
Conc: 1.96 ng/ml



#22 Toxaphene-1

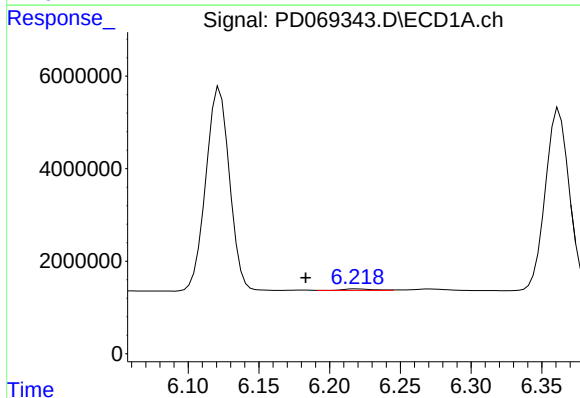
R.T.: 5.737 min  
Delta R.T.: 0.039 min  
Response: 65099328  
Conc: 6932.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



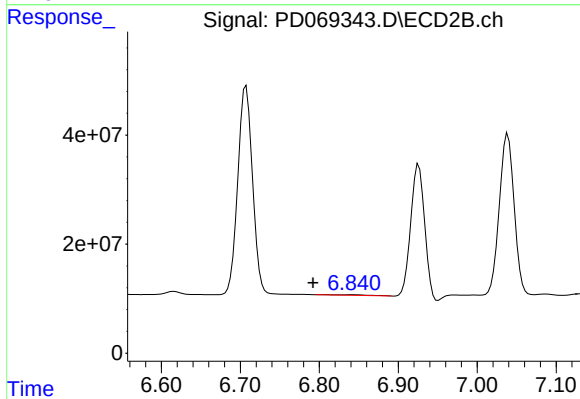
#22 Toxaphene-1

R.T.: 6.616 min  
Delta R.T.: 0.013 min  
Response: 7734975  
Conc: 163.97 ng/ml



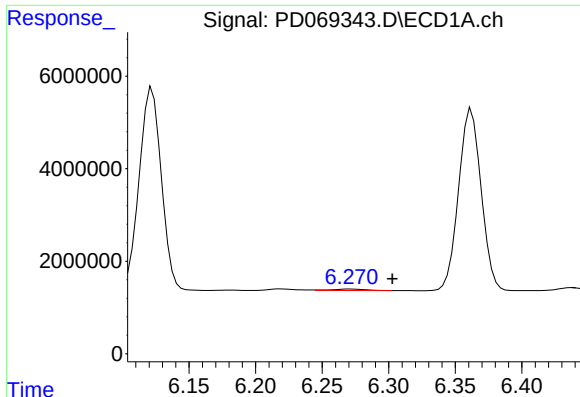
#23 Toxaphene-2

R.T.: 6.219 min  
Delta R.T.: 0.036 min  
Response: 451254  
Conc: 45.29 ng/ml



#23 Toxaphene-2

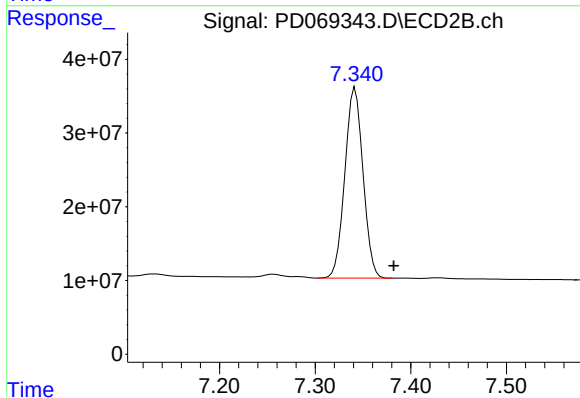
R.T.: 6.841 min  
Delta R.T.: 0.049 min  
Response: 2835239  
Conc: 26.80 ng/ml



#24 Toxaphene-3

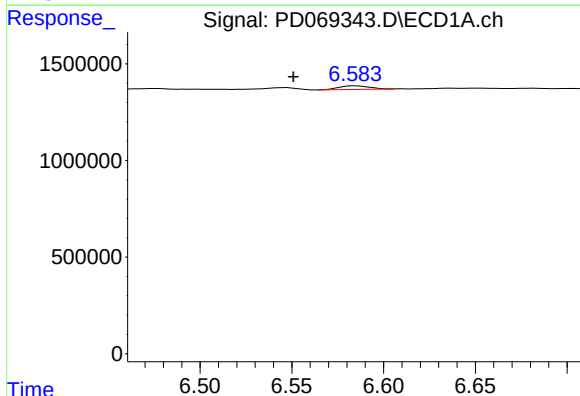
R.T.: 6.271 min  
Delta R.T.: -0.031 min  
Response: 570001  
Conc: 24.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



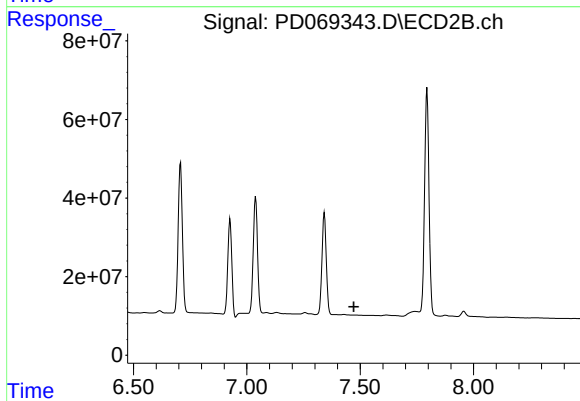
#24 Toxaphene-3

R.T.: 7.342 min  
Delta R.T.: -0.040 min  
Response: 341994970  
Conc: 1409.08 ng/ml



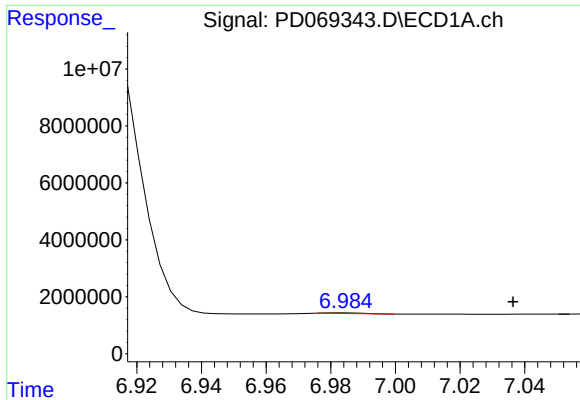
#25 Toxaphene-4

R.T.: 6.585 min  
Delta R.T.: 0.034 min  
Response: 210797  
Conc: 8.36 ng/ml



#25 Toxaphene-4

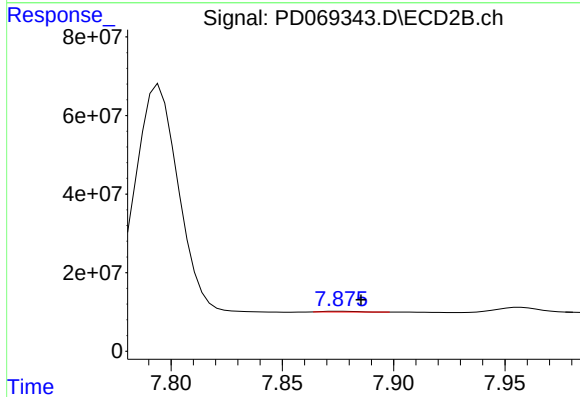
R.T.: 0.000 min  
Exp R.T. : 7.472 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

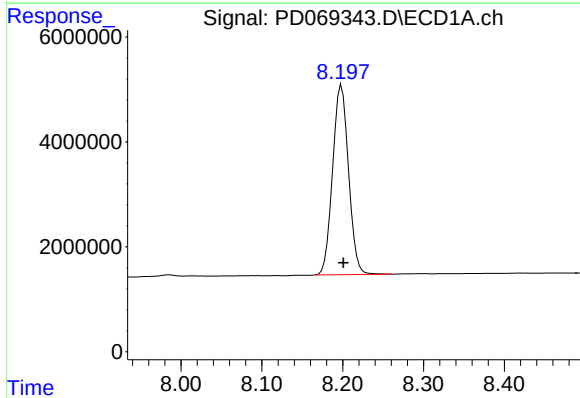
R.T.: 6.983 min  
Delta R.T.: -0.053 min  
Response: 148356  
Conc: 5.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



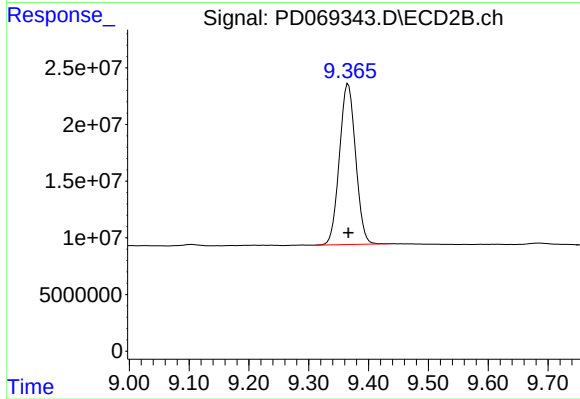
#26 Toxaphene-5

R.T.: 7.877 min  
Delta R.T.: -0.009 min  
Response: 2020259  
Conc: 21.04 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: -0.002 min  
Response: 49548105  
Conc: 37.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.366 min  
Delta R.T.: 0.000 min  
Response: 266575399  
Conc: 37.91 ng/ml