

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
 Data File : PD069746.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2022 16:46  
 Operator : AR\AJ  
 Sample : PB145014BS  
 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: May 23 03:18:22 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... | 3.445 | 4.173  | 18530976 | 203.8E6 | 18.492   | 21.333     |
| 28)                         | SA Decachlor... | 8.198 | 9.367  | 21537526 | 129.3E6 | 19.967   | 21.575     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.884 | 4.569  | 79338803 | 724.6E6 | 53.125   | 51.954     |
| 3)                          | MA gamma-BHC... | 4.167 | 4.859  | 79463754 | 650.8E6 | 53.821   | 50.819     |
| 4)                          | MA Heptachlor   | 4.464 | 5.386  | 69631917 | 627.9E6 | 49.717   | 50.555     |
| 5)                          | MB Aldrin       | 4.712 | 5.699  | 71797792 | 636.7E6 | 53.293   | 52.846     |
| 6)                          | B beta-BHC      | 4.417 | 5.023  | 30773869 | 283.6E6 | 47.246   | 50.510     |
| 7)                          | B delta-BHC     | 4.621 | 5.248  | 70214550 | 606.0E6 | 50.273   | 67.178 #   |
| 8)                          | B Heptachlo...  | 5.155 | 6.087  | 64341333 | 566.8E6 | 50.817   | 63.525 #   |
| 9)                          | A Endosulfan I  | 5.493 | 6.450  | 59701355 | 512.1E6 | 50.336   | 51.666     |
| 10)                         | B gamma-Chl...  | 5.380 | 6.323  | 65250130 | 576.9E6 | 51.013   | 53.898     |
| 11)                         | B alpha-Chl...  | 5.439 | 6.398  | 64497350 | 549.6E6 | 50.970   | 52.364     |
| 12)                         | B 4,4'-DDE      | 5.605 | 6.549  | 60881458 | 515.8E6 | 52.602   | 51.967     |
| 13)                         | MA Dieldrin     | 5.737 | 6.708  | 66680778 | 547.7E6 | 53.938   | 53.497     |
| 14)                         | MA Endrin       | 5.995 | 6.928  | 57479297 | 435.0E6 | 51.731   | 53.519     |
| 15)                         | B Endosulfa...  | 6.268 | 7.133  | 57781383 | 472.8E6 | 55.241   | 57.478     |
| 16)                         | A 4,4'-DDD      | 6.122 | 7.039  | 51916241 | 433.8E6 | 52.147   | 53.542     |
| 17)                         | MA 4,4'-DDT     | 6.362 | 7.342  | 49539530 | 428.1E6 | 51.601   | 52.056     |
| 18)                         | B Endrin al...  | 6.438 | 7.257  | 48084431 | 384.0E6 | 55.916   | 60.194     |
| 19)                         | B Endosulfa...  | 6.651 | 7.482  | 56492125 | 434.9E6 | 51.358   | 54.438     |
| 20)                         | A Methoxychlor  | 6.913 | 7.796  | 29127468 | 237.2E6 | 50.535   | 57.528     |
| 21)                         | B Endrin ke...  | 7.144 | 7.957  | 70833486 | 455.8E6 | 56.542   | 54.558     |
| 22)                         | Mirex           | 7.327 | 8.422  | 48735062 | 302.4E6 | 48.688   | 51.499     |
| 24)                         | Chlordane-2     | 0.000 | 5.699f | 0        | 636.7E6 | N.D.     | 1544.473 # |
| 25)                         | Chlordane-3     | 5.380 | 6.323  | 65250130 | 576.9E6 | 509.670  | 393.901    |
| 26)                         | Chlordane-4     | 5.439 | 6.398  | 64497350 | 549.6E6 | 597.239  | 318.638 #  |
| 27)                         | Chlordane-5     | 6.268 | 0.000  | 57781383 | 0       | 1363.829 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

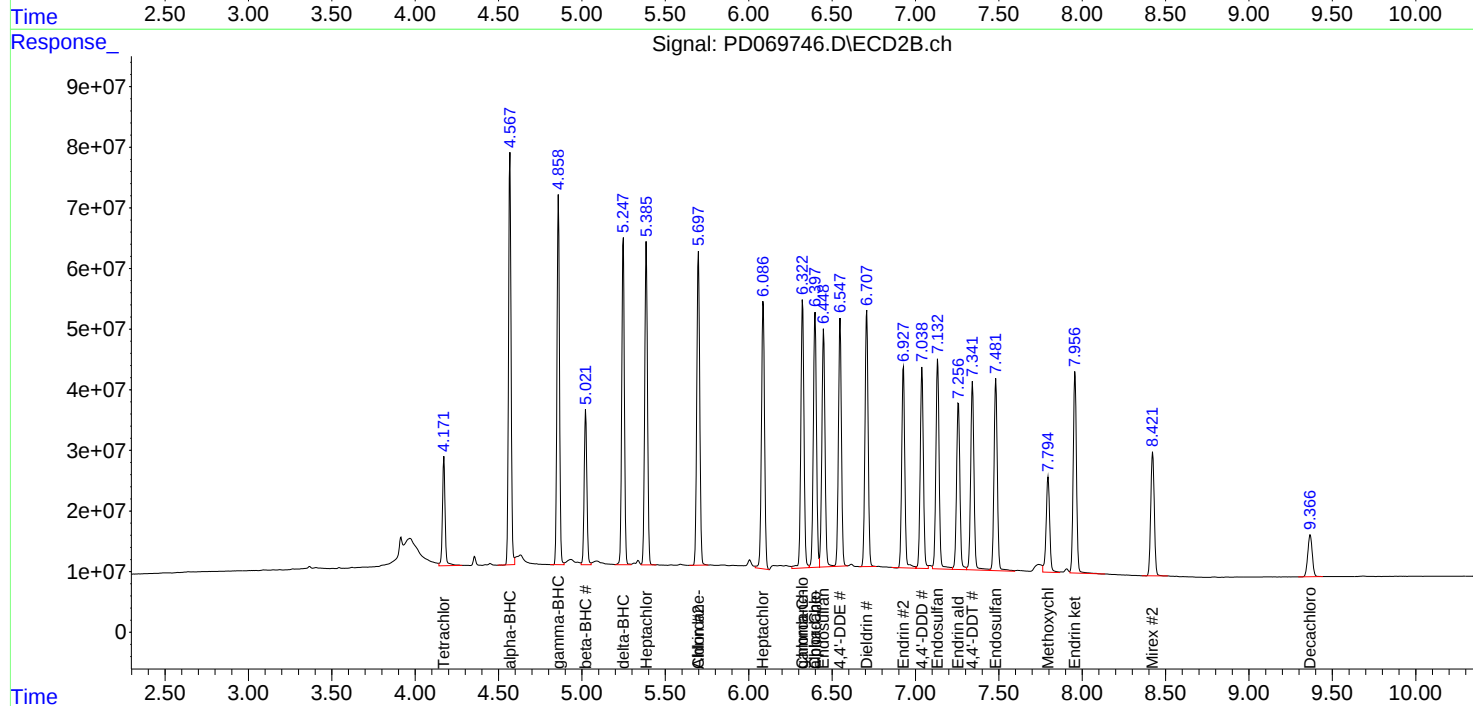
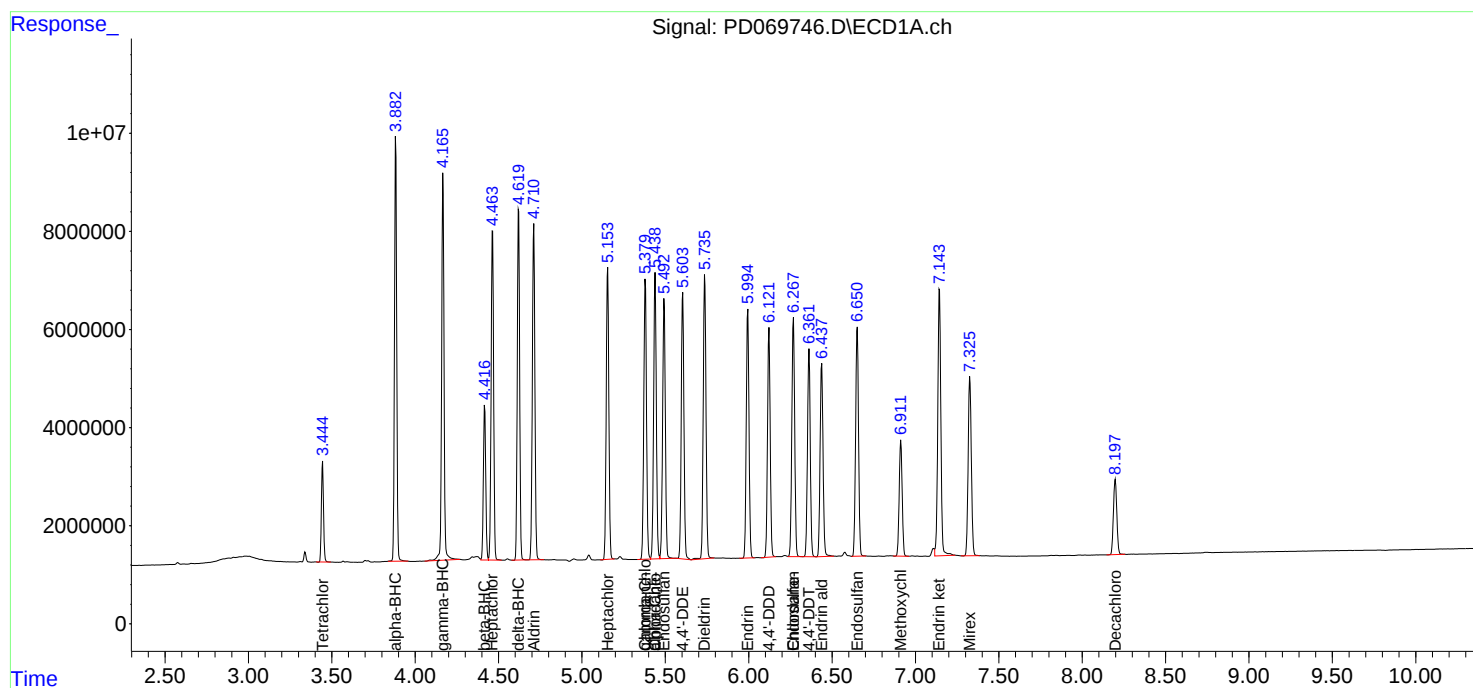
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

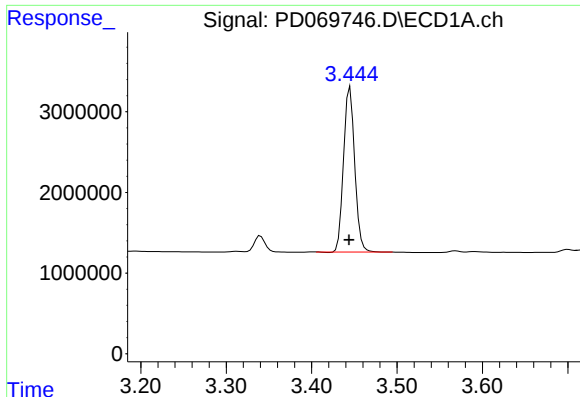
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
Data File : PD069746.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2022 16:46  
Operator : AR\AJ  
Sample : PB145014BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 03:18:22 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

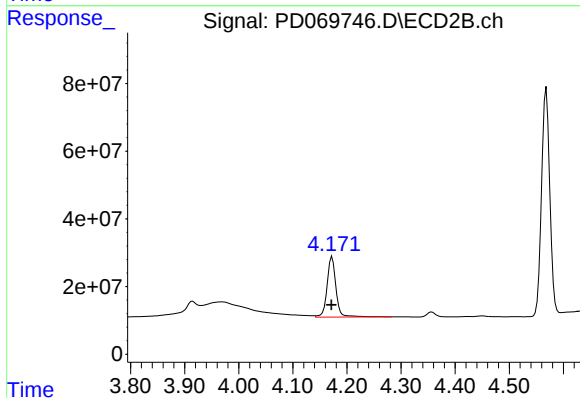




#1 Tetrachloro-m-xylene

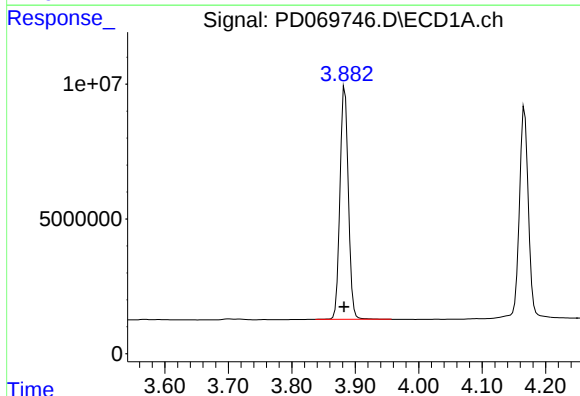
R.T.: 3.445 min  
Delta R.T.: 0.001 min  
Response: 18530976  
Conc: 18.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



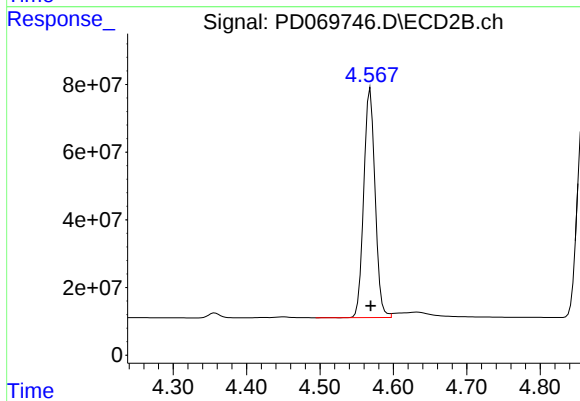
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: 0.001 min  
Response: 203819552  
Conc: 21.33 ng/ml



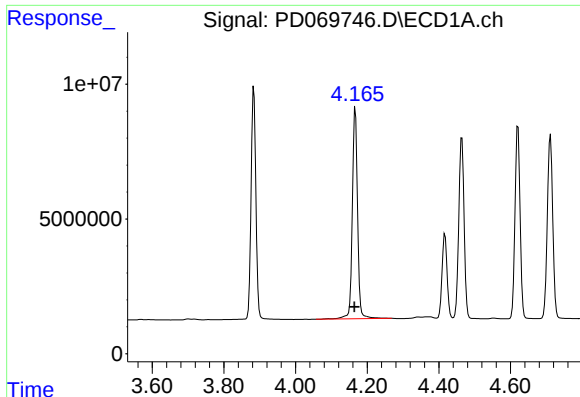
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: 0.001 min  
Response: 79338803  
Conc: 53.12 ng/ml



#2 alpha-BHC

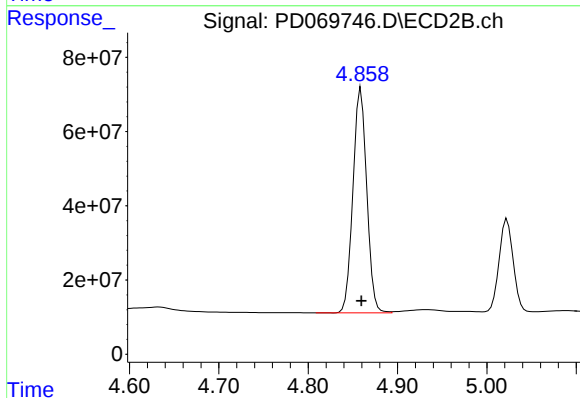
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 724643053  
Conc: 51.95 ng/ml



#3 gamma-BHC (Lindane)

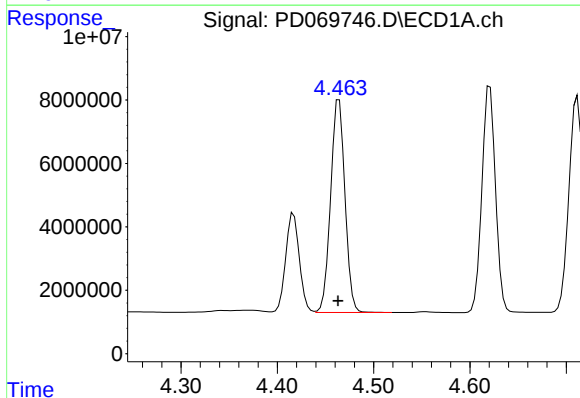
R.T.: 4.167 min  
Delta R.T.: 0.002 min  
Response: 79463754  
Conc: 53.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



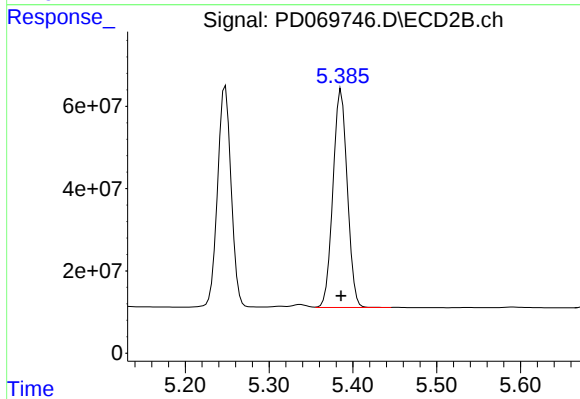
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 650847410  
Conc: 50.82 ng/ml



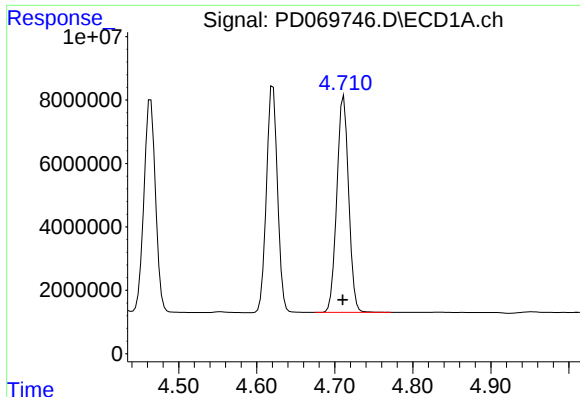
#4 Heptachlor

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 69631917  
Conc: 49.72 ng/ml



#4 Heptachlor

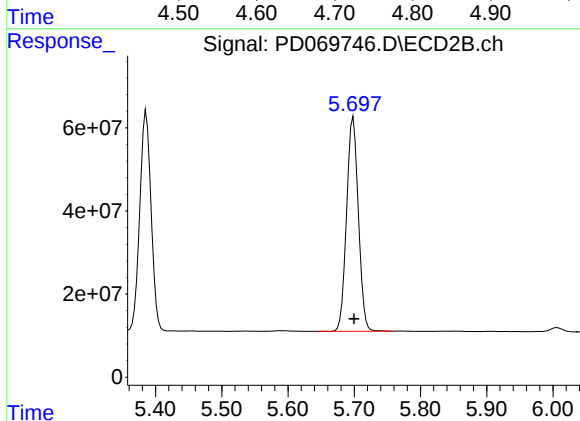
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 627948887  
Conc: 50.55 ng/ml



#5 Aldrin

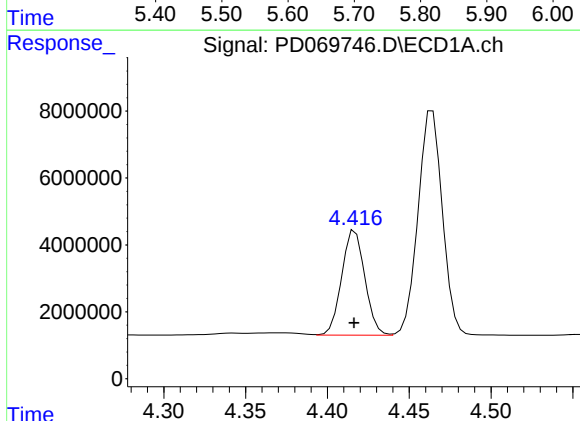
R.T.: 4.712 min  
Delta R.T.: 0.001 min  
Response: 71797792  
Conc: 53.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



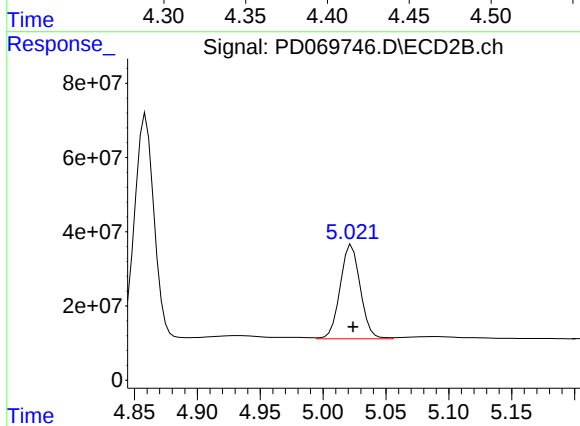
#5 Aldrin

R.T.: 5.699 min  
Delta R.T.: -0.001 min  
Response: 636717606  
Conc: 52.85 ng/ml



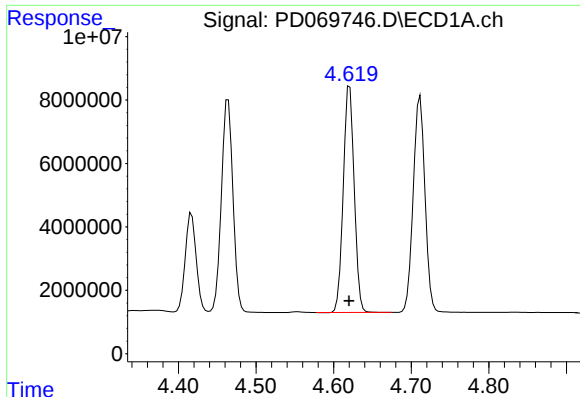
#6 beta-BHC

R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 30773869  
Conc: 47.25 ng/ml



#6 beta-BHC

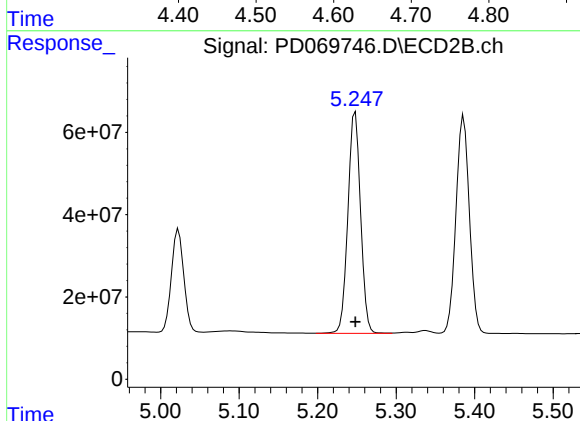
R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 283601323  
Conc: 50.51 ng/ml



#7 delta-BHC

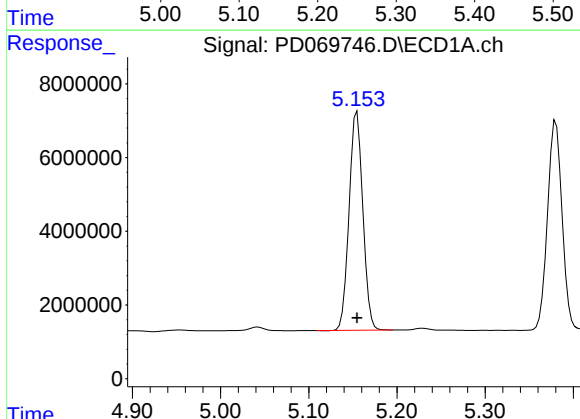
R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 70214550  
Conc: 50.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



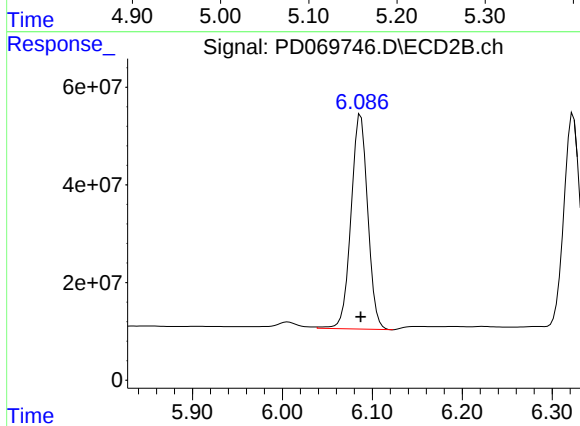
#7 delta-BHC

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 605956424  
Conc: 67.18 ng/ml



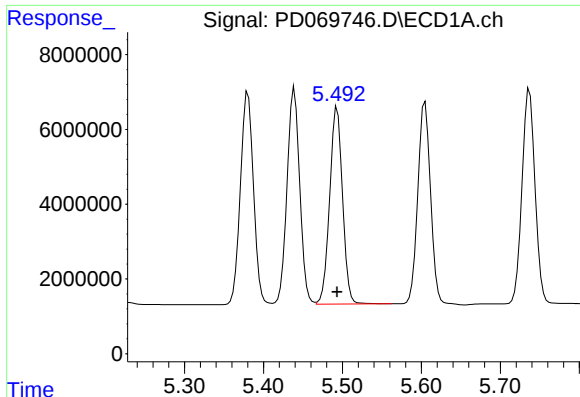
#8 Heptachlor epoxide

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 64341333  
Conc: 50.82 ng/ml



#8 Heptachlor epoxide

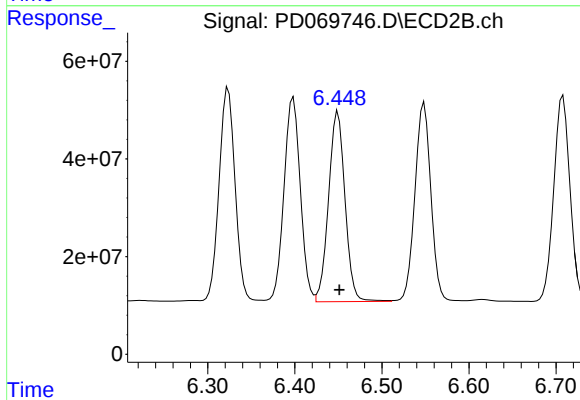
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 566843537  
Conc: 63.52 ng/ml



#9 Endosulfan I

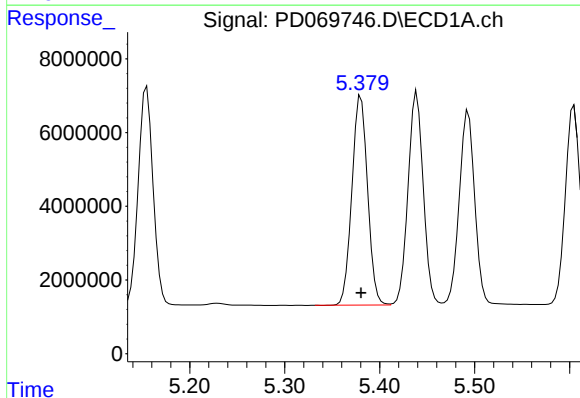
R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 59701355  
Conc: 50.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



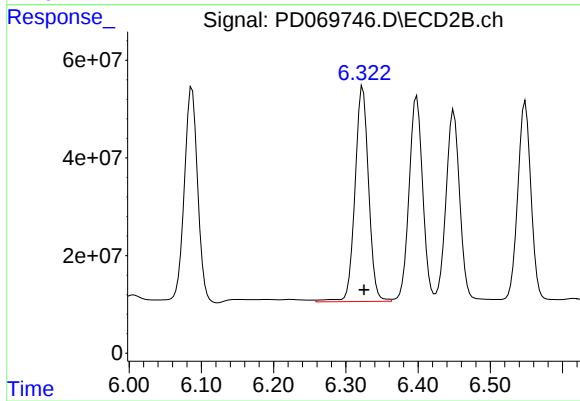
#9 Endosulfan I

R.T.: 6.450 min  
Delta R.T.: -0.002 min  
Response: 512069011  
Conc: 51.67 ng/ml



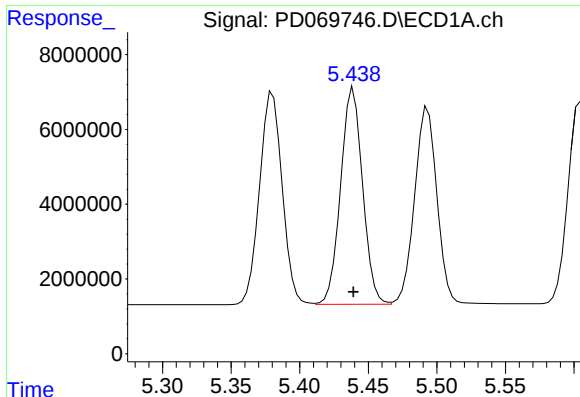
#10 gamma-Chlordane

R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 65250130  
Conc: 51.01 ng/ml



#10 gamma-Chlordane

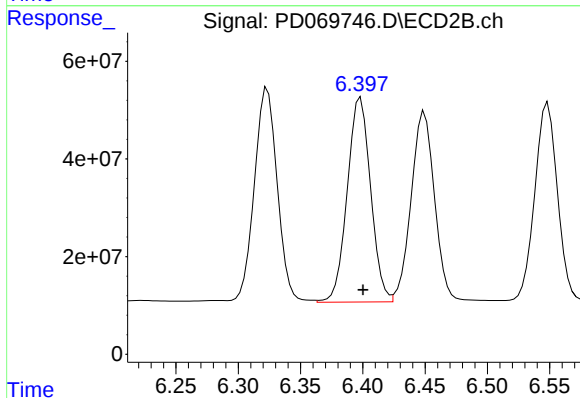
R.T.: 6.323 min  
Delta R.T.: -0.002 min  
Response: 576851167  
Conc: 53.90 ng/ml



#11 alpha-Chlordane

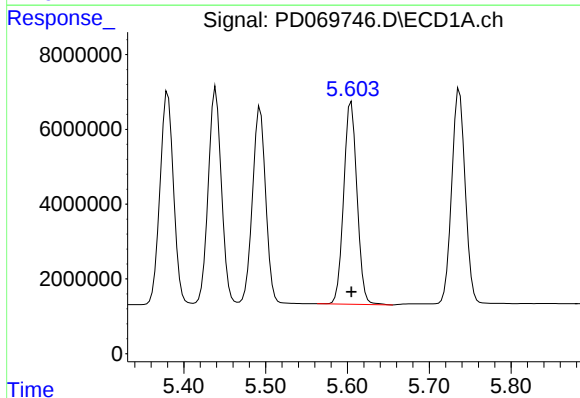
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 64497350  
Conc: 50.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



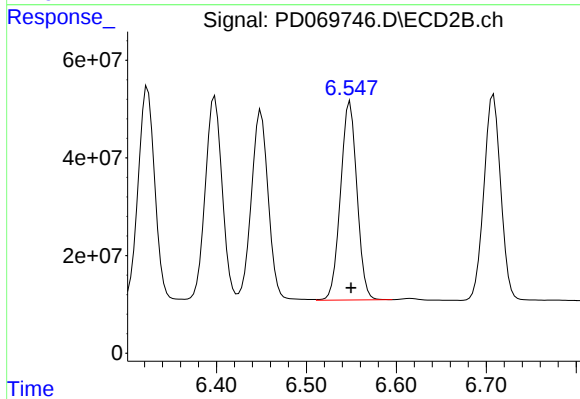
#11 alpha-Chlordane

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 549554737  
Conc: 52.36 ng/ml



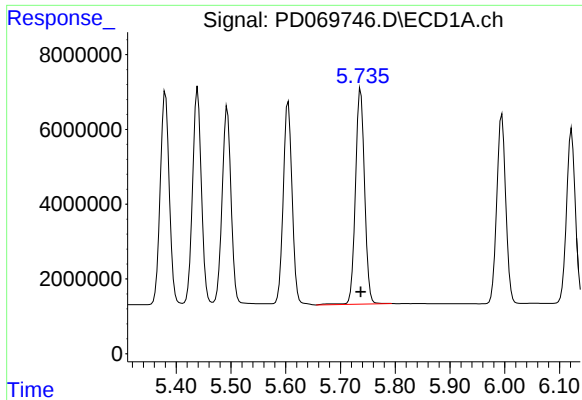
#12 4,4'-DDE

R.T.: 5.605 min  
Delta R.T.: 0.000 min  
Response: 60881458  
Conc: 52.60 ng/ml



#12 4,4'-DDE

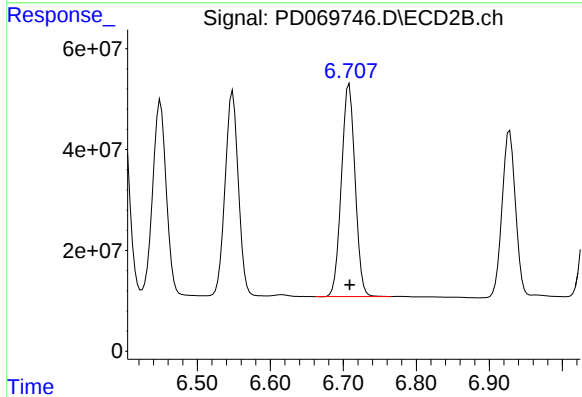
R.T.: 6.549 min  
Delta R.T.: -0.001 min  
Response: 515841462  
Conc: 51.97 ng/ml



#13 Dieldrin

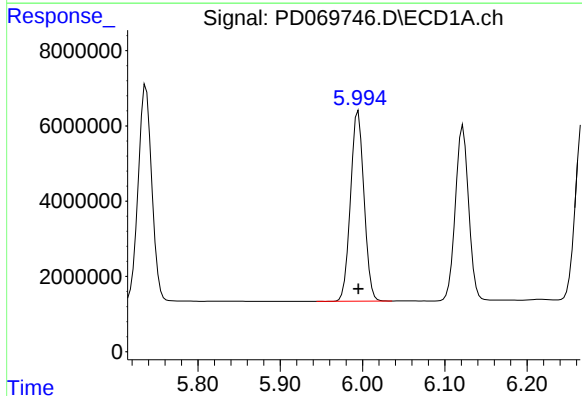
R.T.: 5.737 min  
Delta R.T.: 0.000 min  
Response: 66680778  
Conc: 53.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



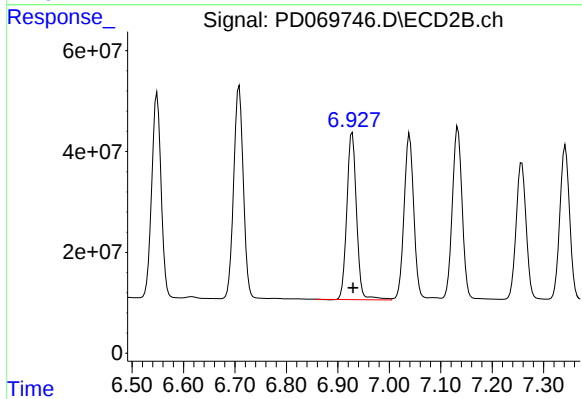
#13 Dieldrin

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 547690682  
Conc: 53.50 ng/ml



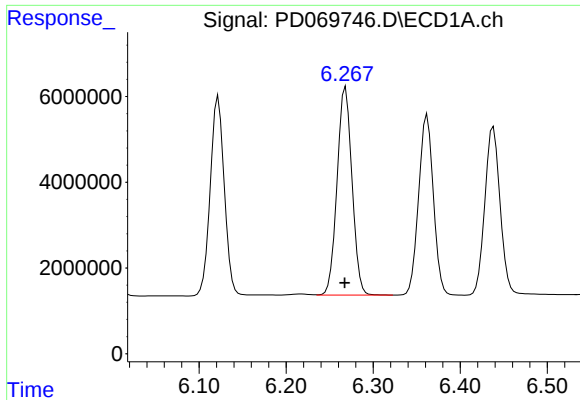
#14 Endrin

R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 57479297  
Conc: 51.73 ng/ml



#14 Endrin

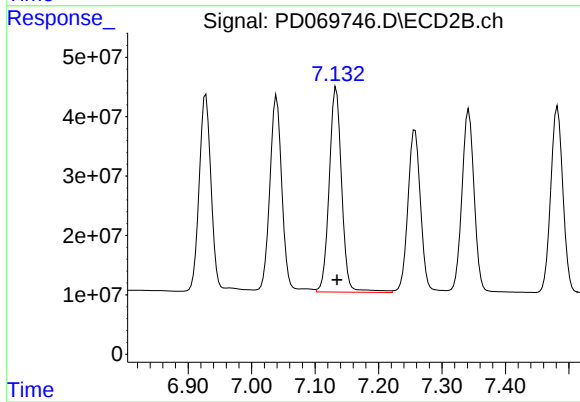
R.T.: 6.928 min  
Delta R.T.: -0.001 min  
Response: 435009336  
Conc: 53.52 ng/ml



#15 Endosulfan II

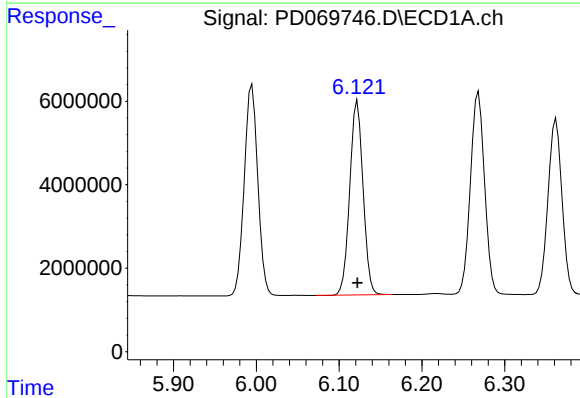
R.T.: 6.268 min  
Delta R.T.: 0.001 min  
Response: 57781383  
Conc: 55.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



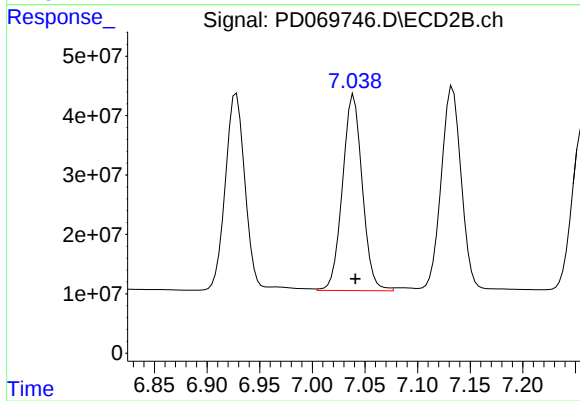
#15 Endosulfan II

R.T.: 7.133 min  
Delta R.T.: -0.001 min  
Response: 472789447  
Conc: 57.48 ng/ml



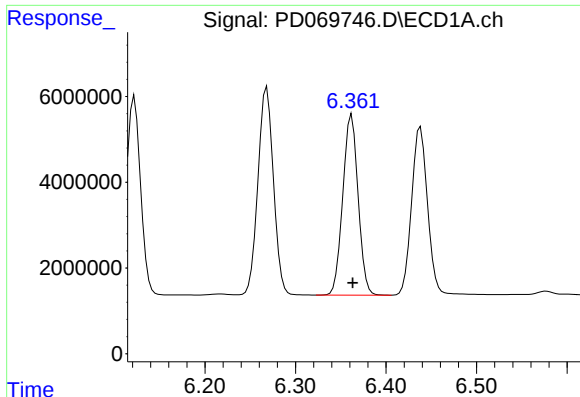
#16 4,4'-DDD

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 51916241  
Conc: 52.15 ng/ml



#16 4,4'-DDD

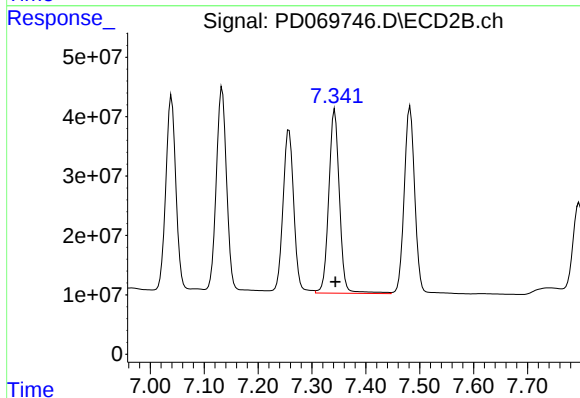
R.T.: 7.039 min  
Delta R.T.: -0.001 min  
Response: 433821406  
Conc: 53.54 ng/ml



#17 4,4'-DDT

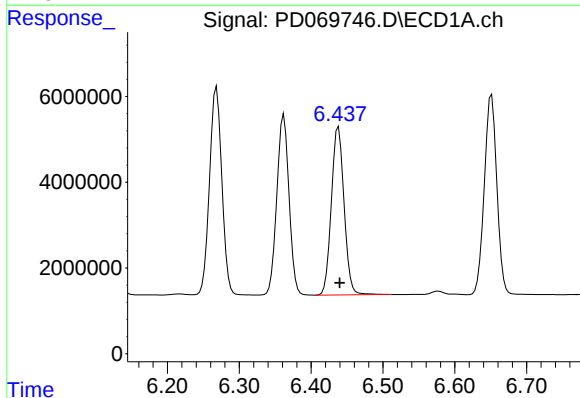
R.T.: 6.362 min  
Delta R.T.: -0.001 min  
Response: 49539530  
Conc: 51.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



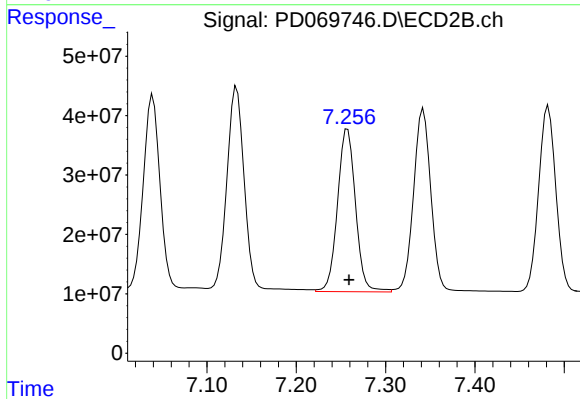
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: -0.001 min  
Response: 428109334  
Conc: 52.06 ng/ml



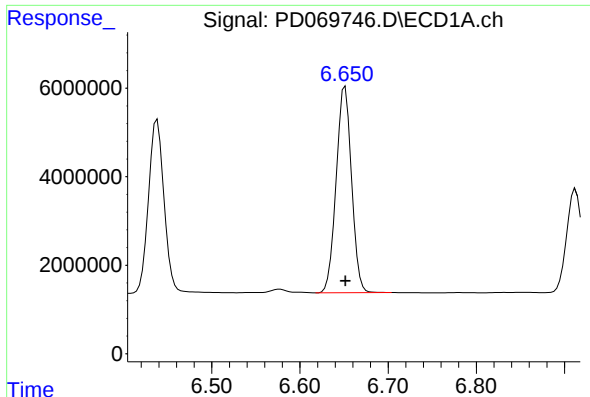
#18 Endrin aldehyde

R.T.: 6.438 min  
Delta R.T.: -0.002 min  
Response: 48084431  
Conc: 55.92 ng/ml



#18 Endrin aldehyde

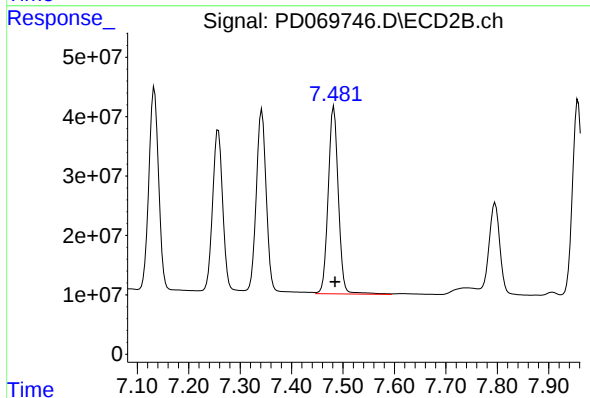
R.T.: 7.257 min  
Delta R.T.: -0.001 min  
Response: 384030553  
Conc: 60.19 ng/ml



#19 Endosulfan Sulfate

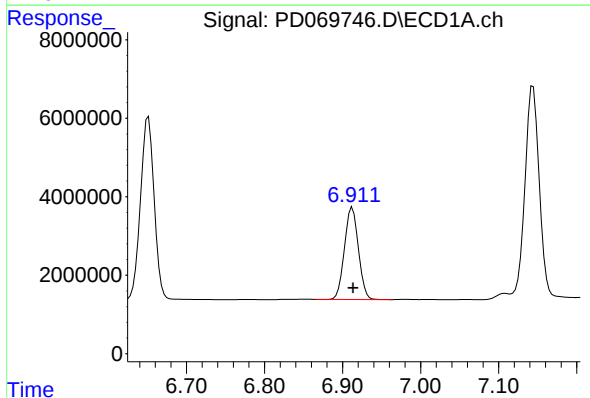
R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 56492125  
Conc: 51.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



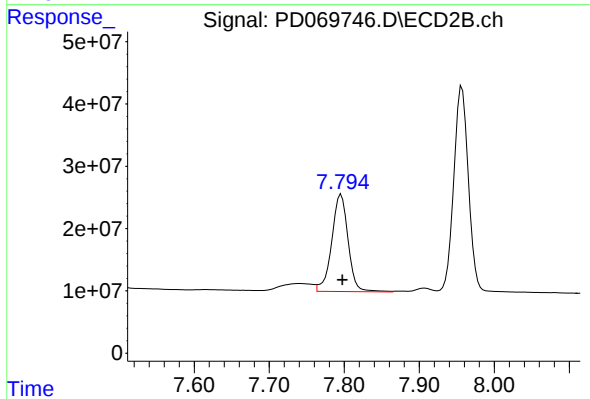
#19 Endosulfan Sulfate

R.T.: 7.482 min  
Delta R.T.: -0.002 min  
Response: 434901475  
Conc: 54.44 ng/ml



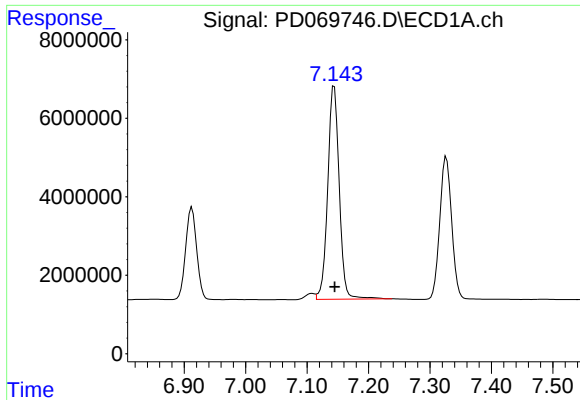
#20 Methoxychlor

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 29127468  
Conc: 50.53 ng/ml



#20 Methoxychlor

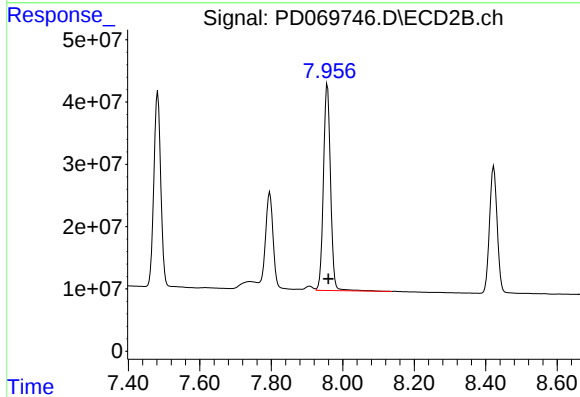
R.T.: 7.796 min  
Delta R.T.: -0.002 min  
Response: 237209612  
Conc: 57.53 ng/ml



#21 Endrin ketone

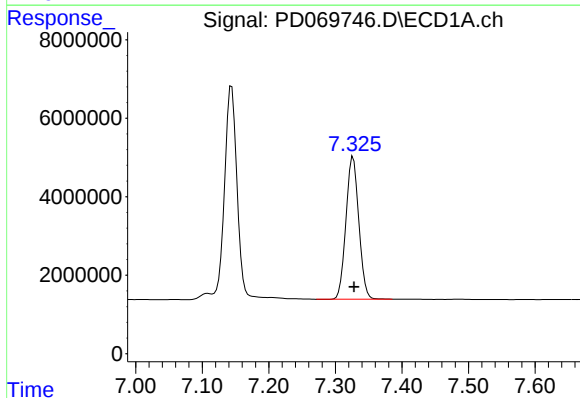
R.T.: 7.144 min  
Delta R.T.: -0.001 min  
Response: 70833486  
Conc: 56.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



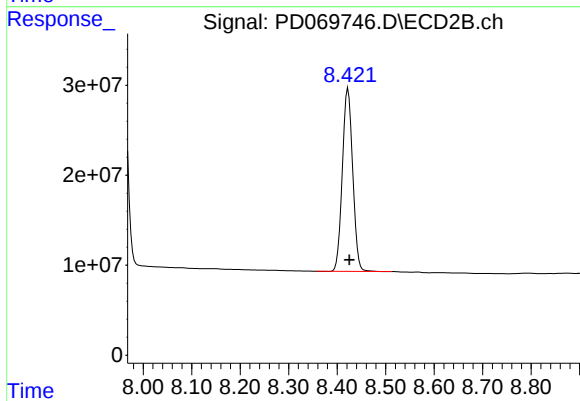
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.002 min  
Response: 455773729  
Conc: 54.56 ng/ml



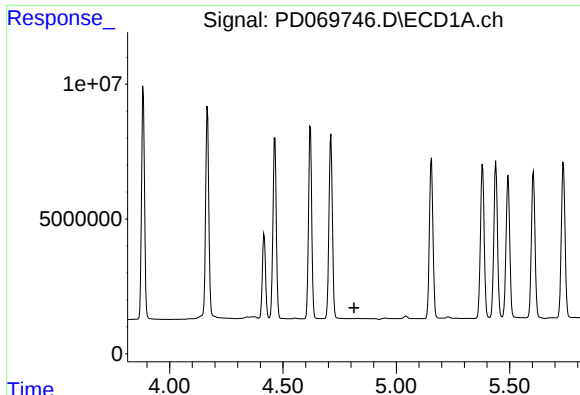
#22 Mirex

R.T.: 7.327 min  
Delta R.T.: -0.001 min  
Response: 48735062  
Conc: 48.69 ng/ml



#22 Mirex

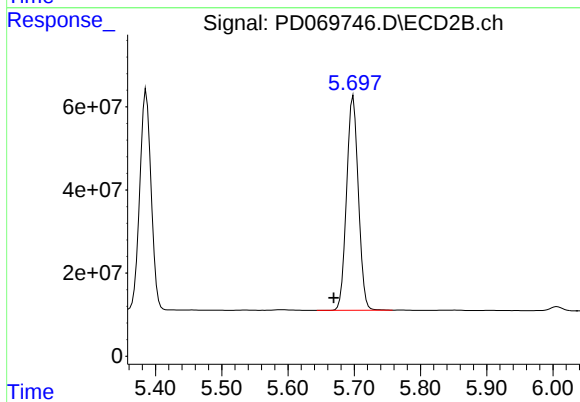
R.T.: 8.422 min  
Delta R.T.: -0.003 min  
Response: 302419182  
Conc: 51.50 ng/ml



#24 Chlordane-2

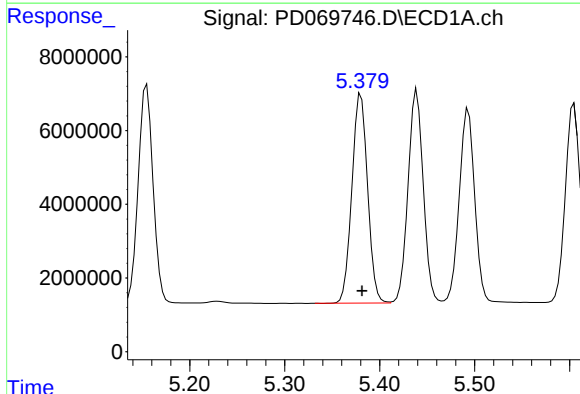
R.T.: 0.000 min  
Exp R.T.: 4.814 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



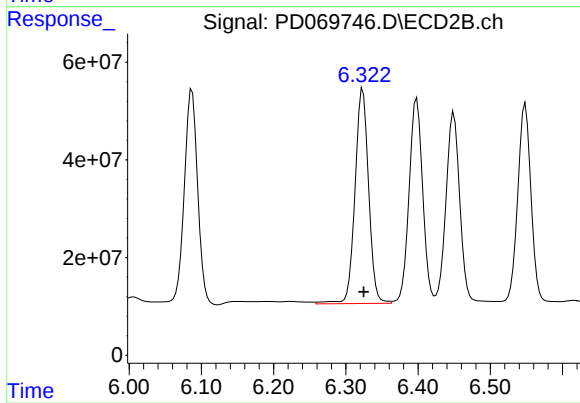
#24 Chlordane-2

R.T.: 5.699 min  
Delta R.T.: 0.030 min  
Response: 636717606  
Conc: 1544.47 ng/ml



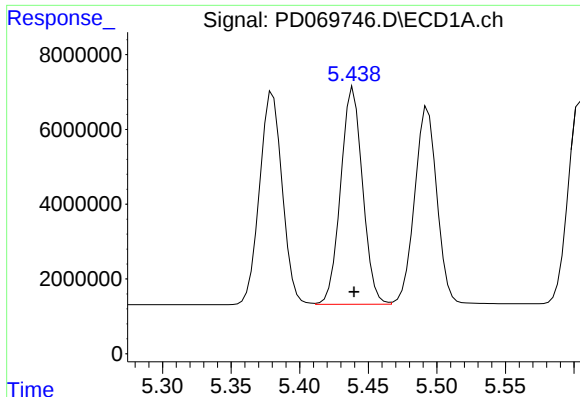
#25 Chlordane-3

R.T.: 5.380 min  
Delta R.T.: -0.001 min  
Response: 65250130  
Conc: 509.67 ng/ml



#25 Chlordane-3

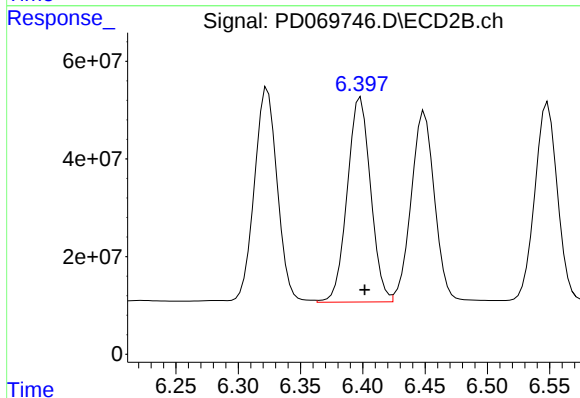
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 576851167  
Conc: 393.90 ng/ml



#26 Chlordane-4

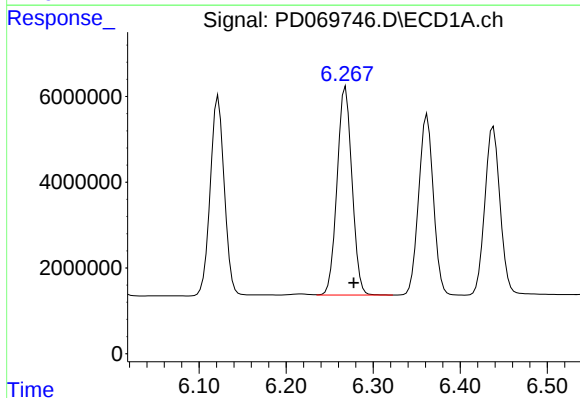
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 64497350  
Conc: 597.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



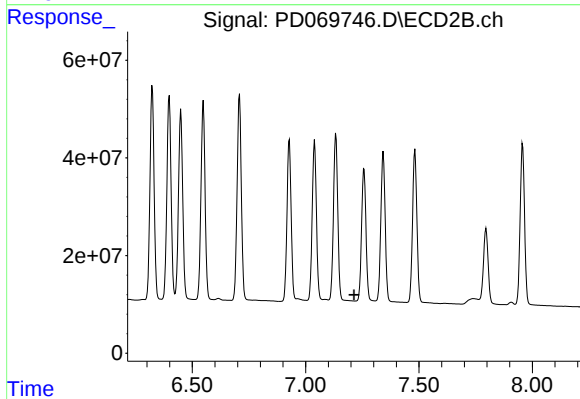
#26 Chlordane-4

R.T.: 6.398 min  
Delta R.T.: -0.003 min  
Response: 549554737  
Conc: 318.64 ng/ml



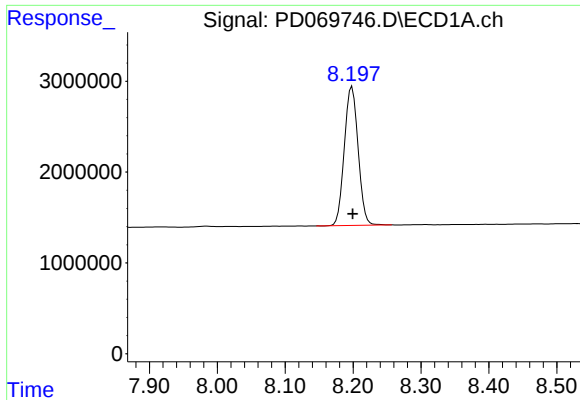
#27 Chlordane-5

R.T.: 6.268 min  
Delta R.T.: -0.009 min  
Response: 57781383  
Conc: 1363.83 ng/ml



#27 Chlordane-5

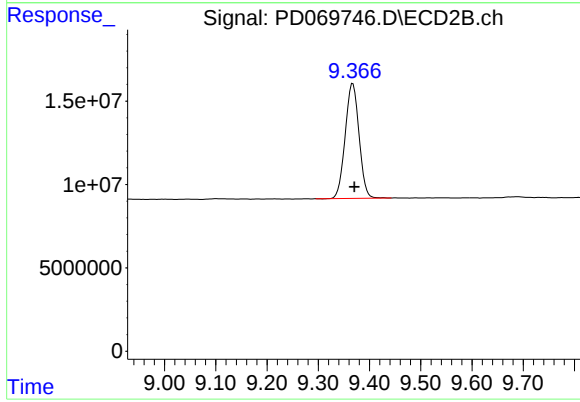
R.T.: 0.000 min  
Exp R.T. : 7.214 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: 0.000 min  
Response: 21537526  
Conc: 19.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.367 min  
Delta R.T.: -0.003 min  
Response: 129297029  
Conc: 21.57 ng/ml