

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081224\  
 Data File : PD084338.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2024 00:49  
 Operator : AR\AJ  
 Sample : P3480-12MSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 04:03:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 12 16:40:36 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

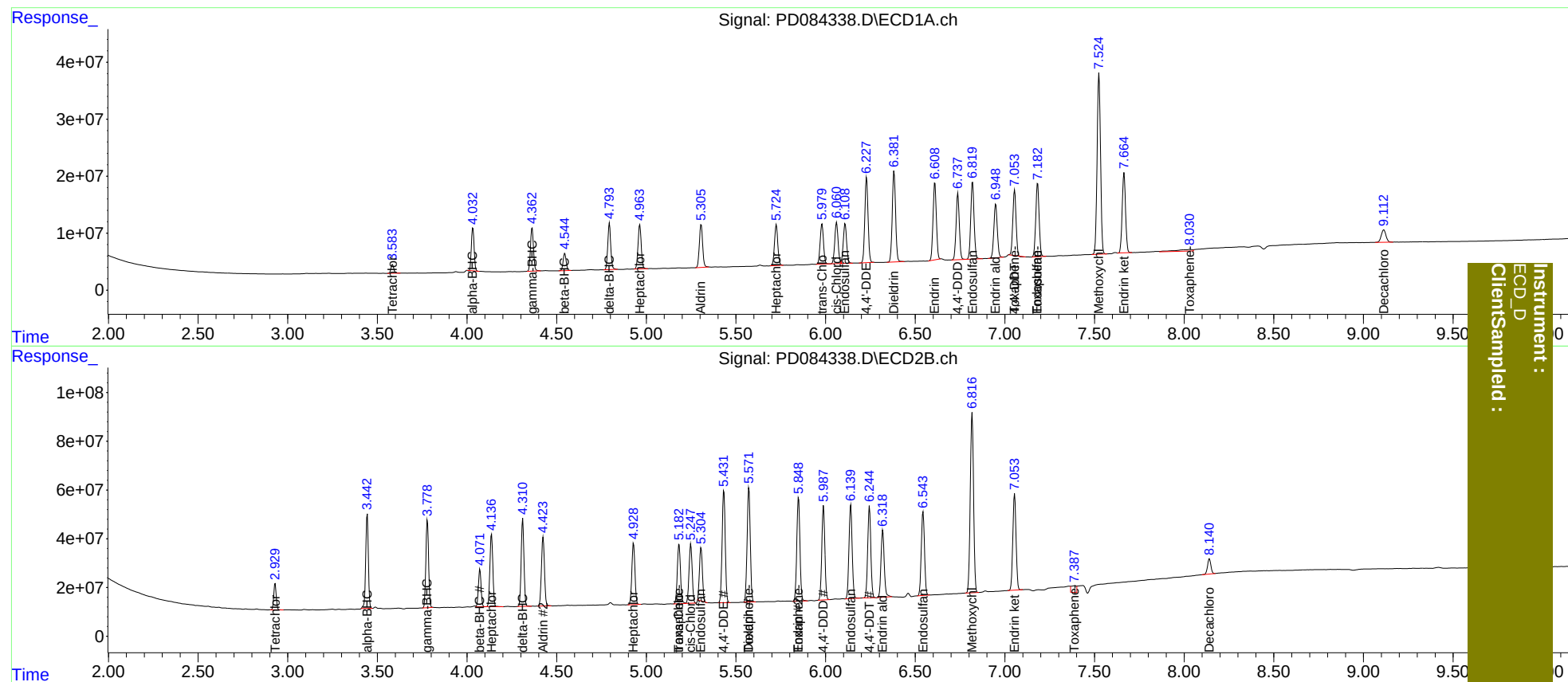
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.585  | 2.930  | 17428500 | 105.7E6  | 20.788   | 20.079      |
| 27)                         | SA Decachlor... | 9.114  | 8.141  | 39524759 | 81452199 | 22.724   | 21.675      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.033  | 3.444  | 80290404 | 398.1E6  | 53.048   | 48.839      |
| 3)                          | MA gamma-BHC... | 4.363  | 3.779  | 88927705 | 376.0E6  | 57.095   | 48.786      |
| 4)                          | MA Heptachlor   | 4.964  | 4.137  | 95473674 | 338.7E6  | 54.702   | 44.936      |
| 5)                          | MB Aldrin       | 5.306  | 4.425  | 96055658 | 330.7E6  | 54.428   | 45.127      |
| 6)                          | B beta-BHC      | 4.546  | 4.072  | 35724091 | 158.0E6  | 49.444   | 43.942      |
| 7)                          | B delta-BHC     | 4.794  | 4.311  | 94010863 | 383.3E6  | 54.438   | 45.692      |
| 8)                          | B Heptachlo...  | 5.725  | 4.929  | 92200145 | 300.3E6  | 54.246   | 44.998      |
| 9)                          | A Endosulfan I  | 6.109  | 5.306  | 90730897 | 246.6E6  | 56.957   | 41.562 #    |
| 10)                         | B trans-Chl...  | 5.980  | 5.183  | 91501087 | 301.4E6  | 55.416   | 47.293      |
| 11)                         | B cis-Chlor...  | 6.062  | 5.248  | 93743656 | 293.0E6  | 54.479   | 46.560      |
| 12)                         | B 4,4'-DDE      | 6.229  | 5.433  | 188.9E6  | 556.2E6  | 107.970  | 91.207      |
| 13)                         | MA Dieldrin     | 6.382  | 5.572  | 205.9E6  | 572.2E6  | 114.613  | 93.011      |
| 14)                         | MA Endrin       | 6.610  | 5.849  | 174.7E6  | 522.7E6  | 116.624  | 94.686      |
| 15)                         | B Endosulfa...  | 6.820  | 6.141  | 174.7E6  | 476.9E6  | 105.982  | 91.847      |
| 16)                         | A 4,4'-DDD      | 6.738  | 5.989  | 146.1E6  | 458.5E6  | 113.585  | 93.455      |
| 17)                         | MA 4,4'-DDT     | 7.055  | 6.245  | 142.7E6  | 453.5E6  | 105.280  | 91.551      |
| 18)                         | B Endrin al...  | 6.949  | 6.319  | 125.8E6  | 347.3E6  | 110.685  | 92.831      |
| 19)                         | B Endosulfa...  | 7.183  | 6.544  | 167.6E6  | 428.1E6  | 110.396  | 91.687      |
| 20)                         | A Methoxychlor  | 7.525  | 6.817  | 420.5E6  | 947.8E6  | 527.270  | 440.160     |
| 21)                         | B Endrin ke...  | 7.665  | 7.054  | 181.8E6  | 494.8E6  | 109.791  | 95.016      |
| 22)                         | Toxaphene-1     | 0.000  | 5.183  | 0        | 301.4E6  | N.D.     | 10812.818   |
| 23)                         | Toxaphene-2     | 0.000  | 5.572f | 0        | 572.2E6  | N.D.     | 15487.490   |
| 24)                         | Toxaphene-3     | 7.055f | 5.849f | 142.7E6  | 522.7E6  | 3135.890 | 14974.979 # |
| 25)                         | Toxaphene-4     | 7.183  | 0.000  | 167.6E6  | 0        | 4994.812 | N.D. #      |
| 26)                         | Toxaphene-5     | 8.032f | 7.388  | 19267804 | 55326181 | 776.635  | 1008.888 #  |
| -----                       |                 |        |        |          |          |          |             |

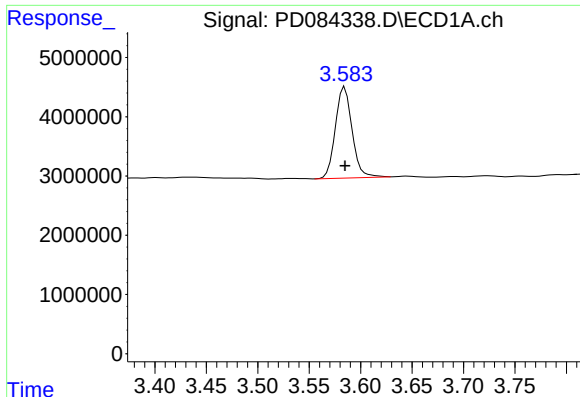
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081224\  
Data File : PD084338.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2024 00:49  
Operator : AR\AJ  
Sample : P3480-12MSD  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 04:03:26 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 12 16:40:36 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

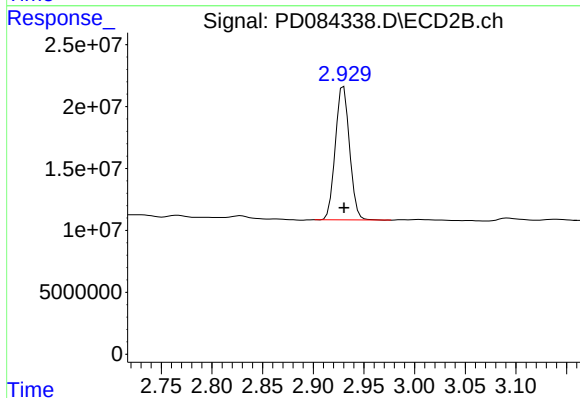




#1 Tetrachloro-m-xylene

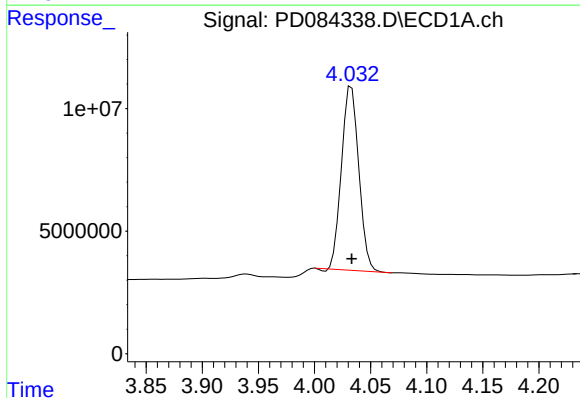
R.T.: 3.585 min  
Delta R.T.: 0.000 min  
Response: 17428500  
Conc: 20.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



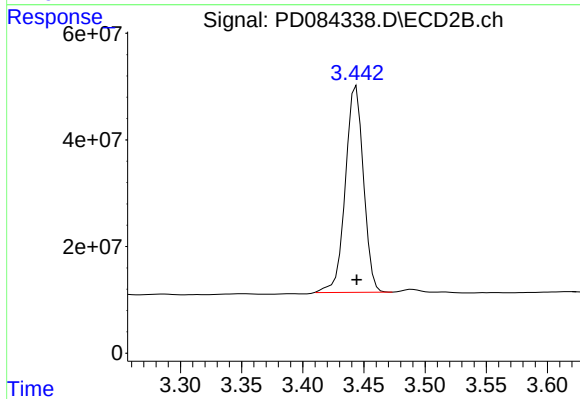
#1 Tetrachloro-m-xylene

R.T.: 2.930 min  
Delta R.T.: 0.000 min  
Response: 105696854  
Conc: 20.08 ng/ml



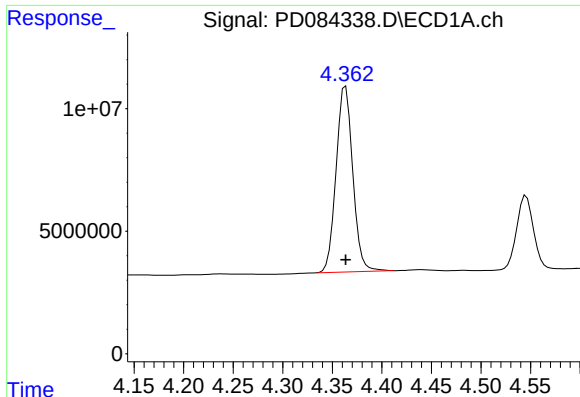
#2 alpha-BHC

R.T.: 4.033 min  
Delta R.T.: 0.000 min  
Response: 80290404  
Conc: 53.05 ng/ml



#2 alpha-BHC

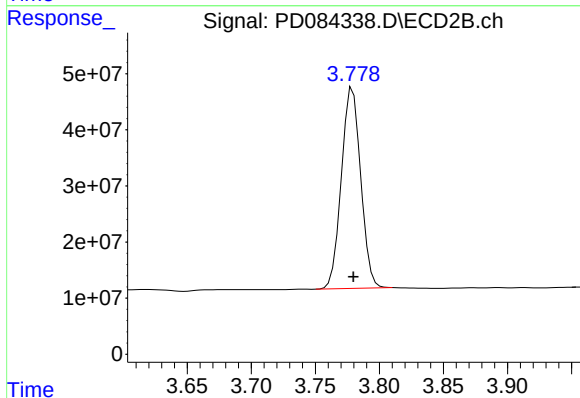
R.T.: 3.444 min  
Delta R.T.: 0.000 min  
Response: 398111088  
Conc: 48.84 ng/ml



#3 gamma-BHC (Lindane)

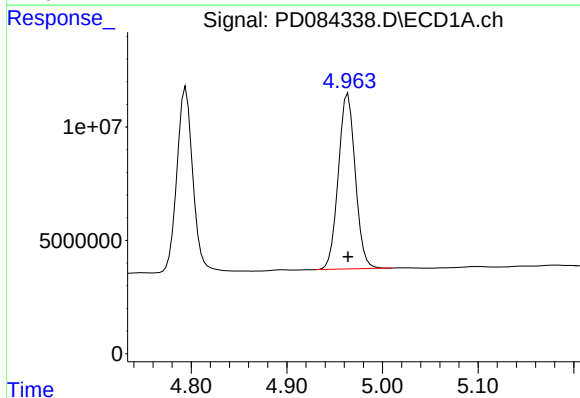
R.T.: 4.363 min  
Delta R.T.: 0.000 min  
Response: 88927705  
Conc: 57.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



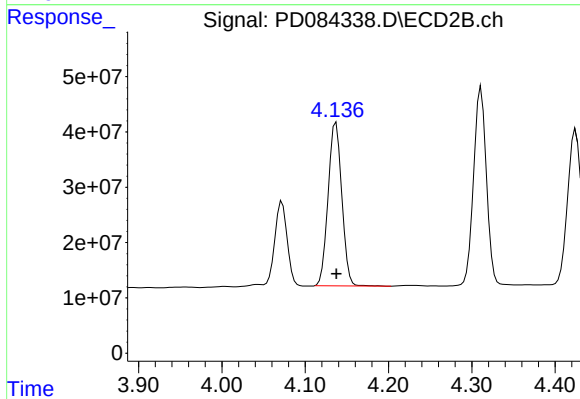
#3 gamma-BHC (Lindane)

R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 375993370  
Conc: 48.79 ng/ml



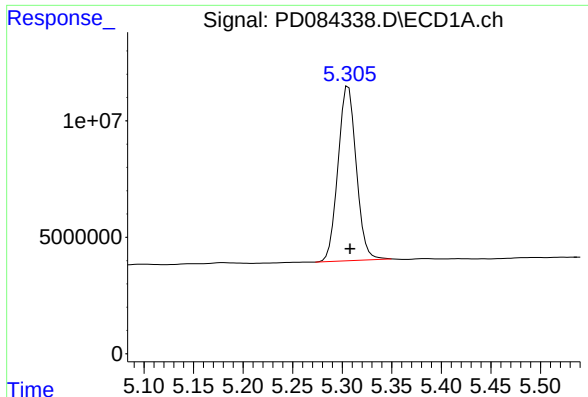
#4 Heptachlor

R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 95473674  
Conc: 54.70 ng/ml



#4 Heptachlor

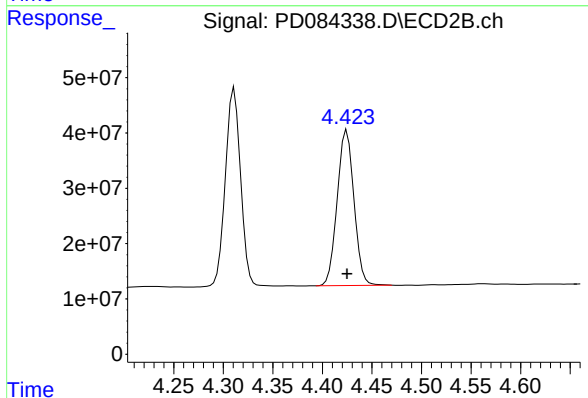
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 338657493  
Conc: 44.94 ng/ml



#5 Aldrin

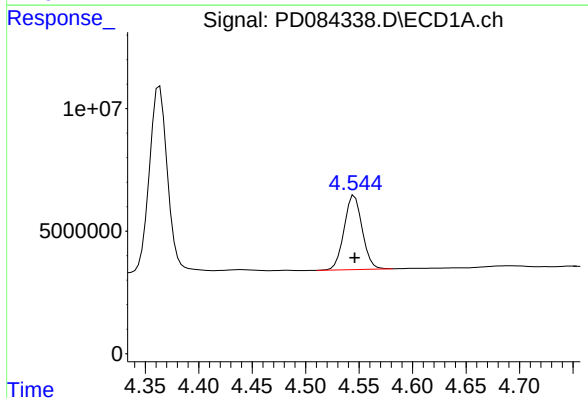
R.T.: 5.306 min  
Delta R.T.: -0.002 min  
Response: 96055658  
Conc: 54.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



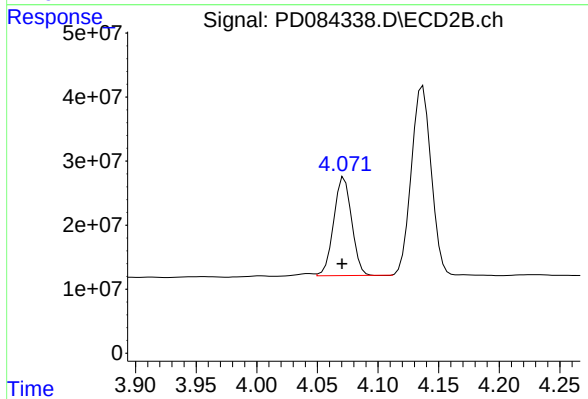
#5 Aldrin

R.T.: 4.425 min  
Delta R.T.: 0.000 min  
Response: 330730888  
Conc: 45.13 ng/ml



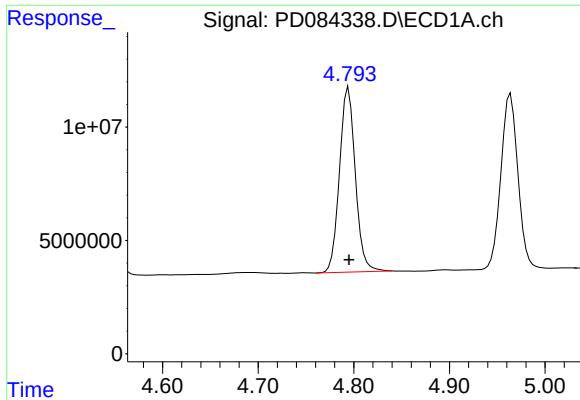
#6 beta-BHC

R.T.: 4.546 min  
Delta R.T.: 0.000 min  
Response: 35724091  
Conc: 49.44 ng/ml



#6 beta-BHC

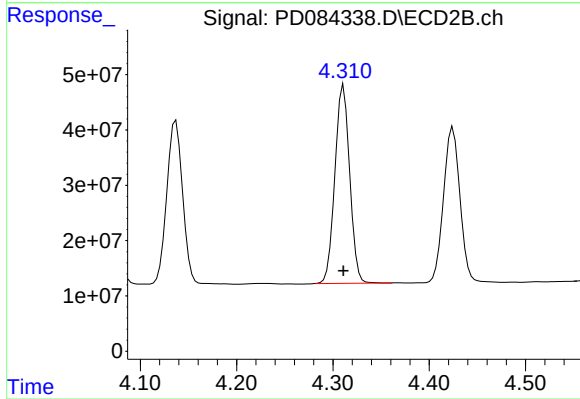
R.T.: 4.072 min  
Delta R.T.: 0.002 min  
Response: 158033609  
Conc: 43.94 ng/ml



#7 delta-BHC

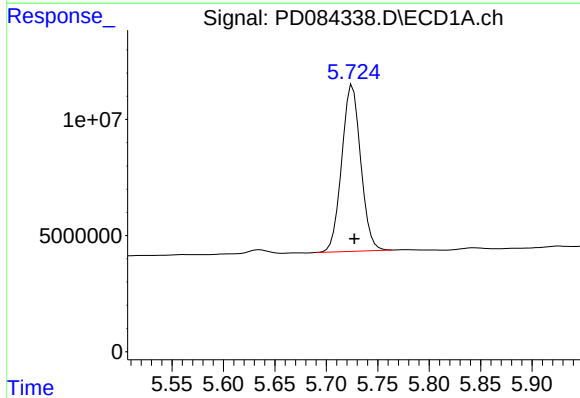
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 94010863  
Conc: 54.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



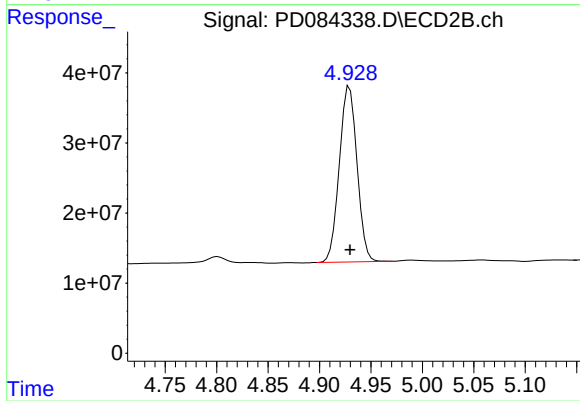
#7 delta-BHC

R.T.: 4.311 min  
Delta R.T.: 0.000 min  
Response: 383272567  
Conc: 45.69 ng/ml



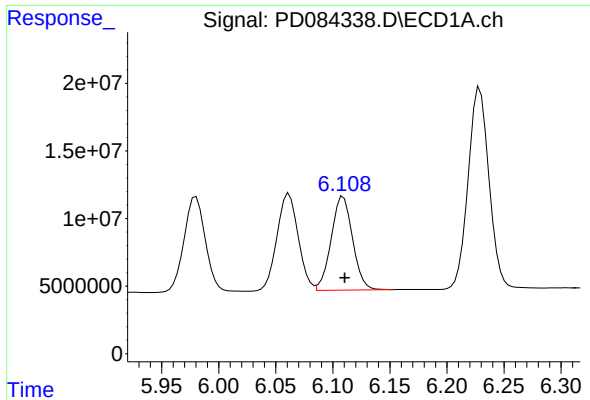
#8 Heptachlor epoxide

R.T.: 5.725 min  
Delta R.T.: -0.002 min  
Response: 92200145  
Conc: 54.25 ng/ml



#8 Heptachlor epoxide

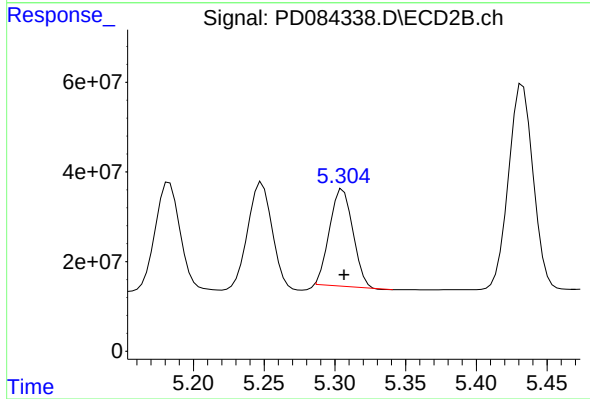
R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 300252761  
Conc: 45.00 ng/ml



#9 Endosulfan I

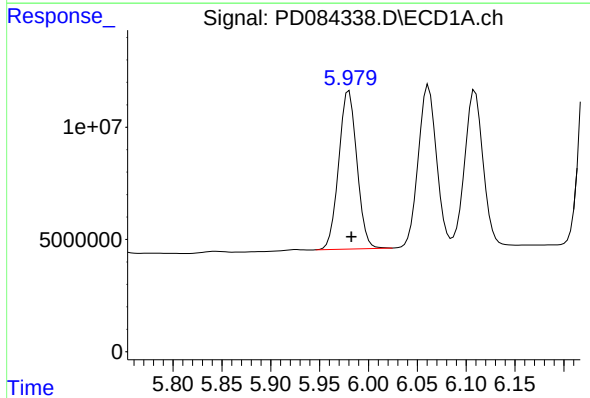
R.T.: 6.109 min  
Delta R.T.: -0.001 min  
Response: 90730897  
Conc: 56.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



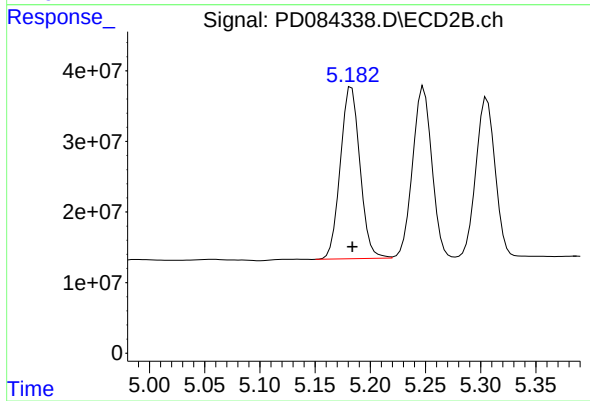
#9 Endosulfan I

R.T.: 5.306 min  
Delta R.T.: 0.000 min  
Response: 246593681  
Conc: 41.56 ng/ml



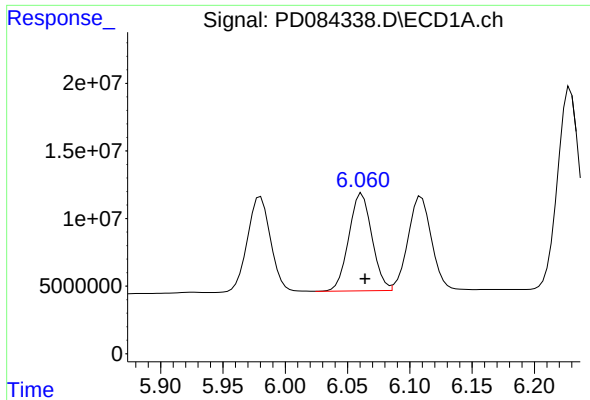
#10 trans-Chlordane

R.T.: 5.980 min  
Delta R.T.: -0.002 min  
Response: 91501087  
Conc: 55.42 ng/ml



#10 trans-Chlordane

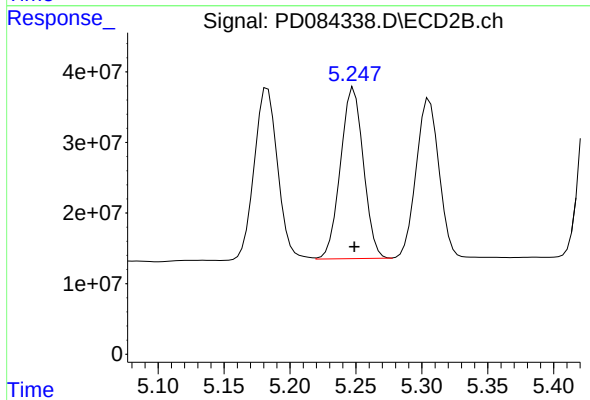
R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 301362609  
Conc: 47.29 ng/ml



#11 cis-Chlordane

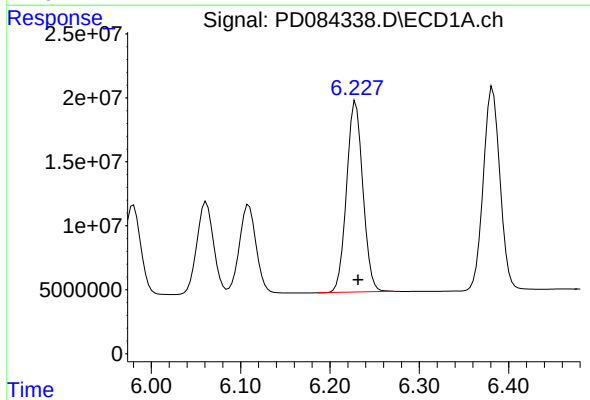
R.T.: 6.062 min  
Delta R.T.: -0.002 min  
Response: 93743656  
Conc: 54.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



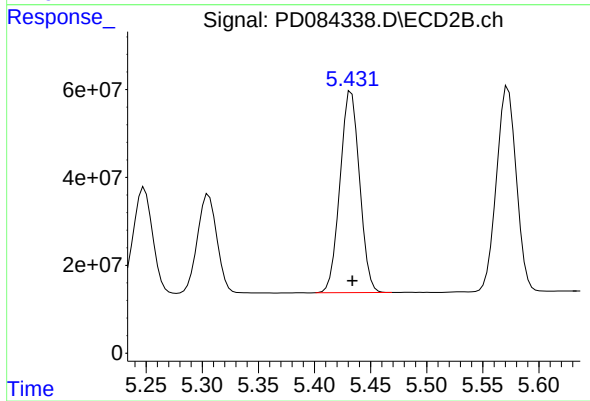
#11 cis-Chlordane

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 293038184  
Conc: 46.56 ng/ml



#12 4,4'-DDE

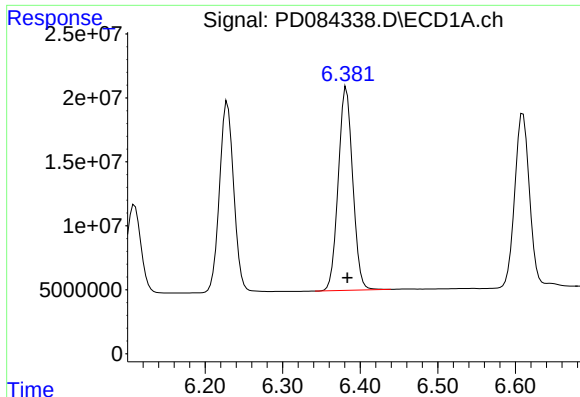
R.T.: 6.229 min  
Delta R.T.: -0.003 min  
Response: 188852595  
Conc: 107.97 ng/ml



#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 556214960  
Conc: 91.21 ng/ml

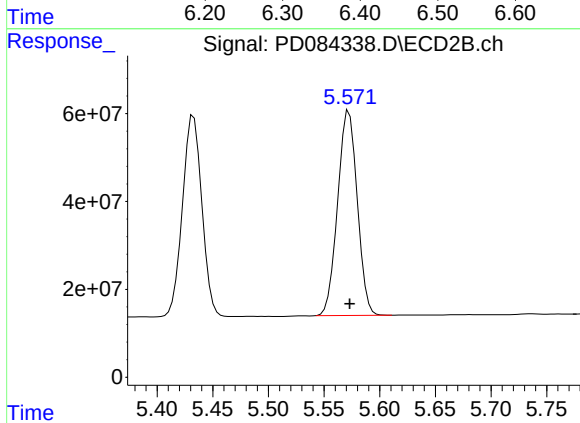




#13 Dieldrin

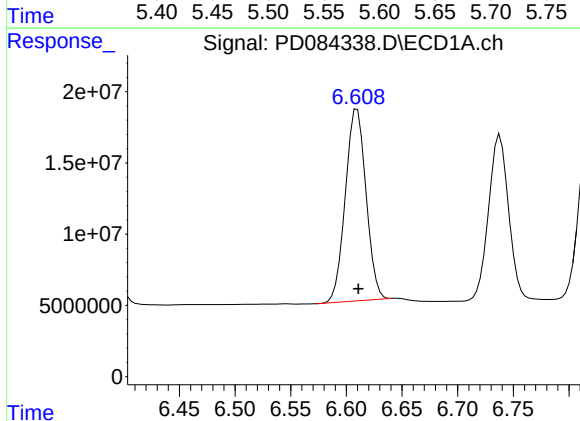
R.T.: 6.382 min  
Delta R.T.: -0.001 min  
Response: 205916398  
Conc: 114.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



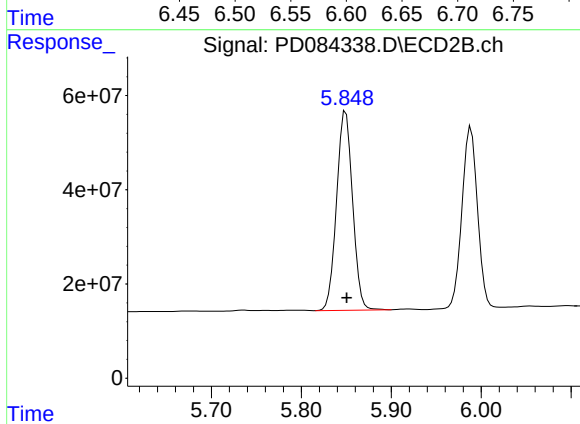
#13 Dieldrin

R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 572172510  
Conc: 93.01 ng/ml



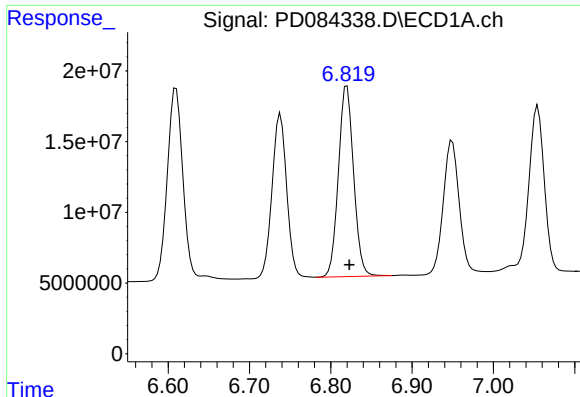
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.001 min  
Response: 174706550  
Conc: 116.62 ng/ml



#14 Endrin

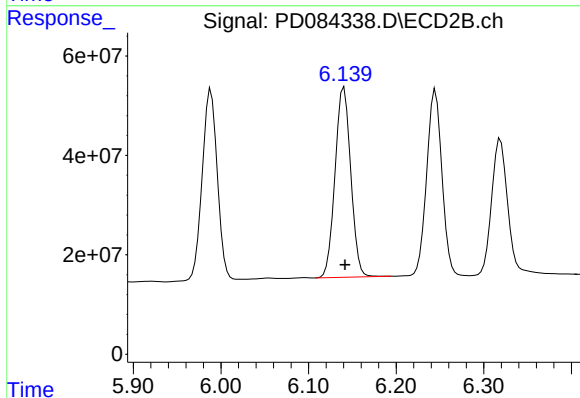
R.T.: 5.849 min  
Delta R.T.: -0.001 min  
Response: 522745831  
Conc: 94.69 ng/ml



#15 Endosulfan II

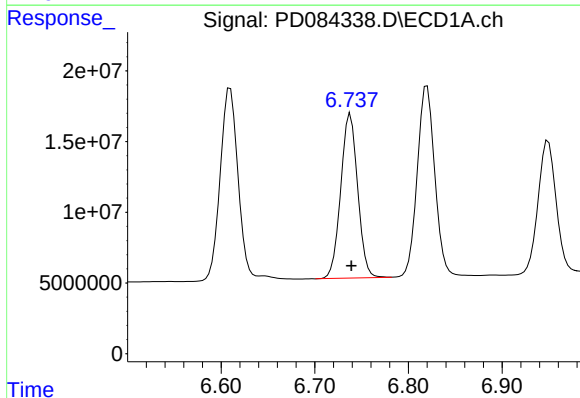
R.T.: 6.820 min  
Delta R.T.: -0.003 min  
Response: 174742198  
Conc: 105.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



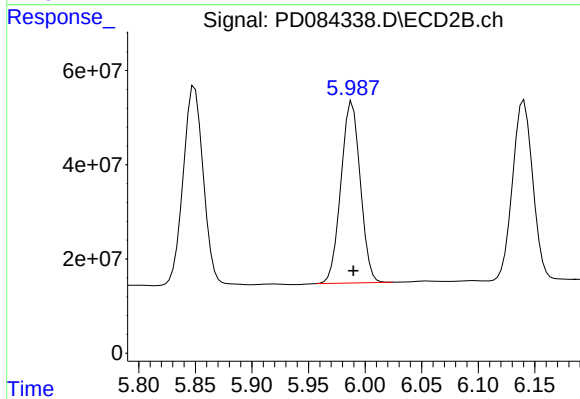
#15 Endosulfan II

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 476910536  
Conc: 91.85 ng/ml



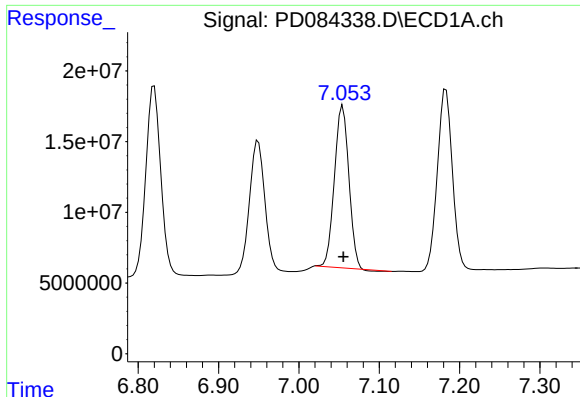
#16 4,4'-DDD

R.T.: 6.738 min  
Delta R.T.: -0.001 min  
Response: 146090019  
Conc: 113.58 ng/ml



#16 4,4'-DDD

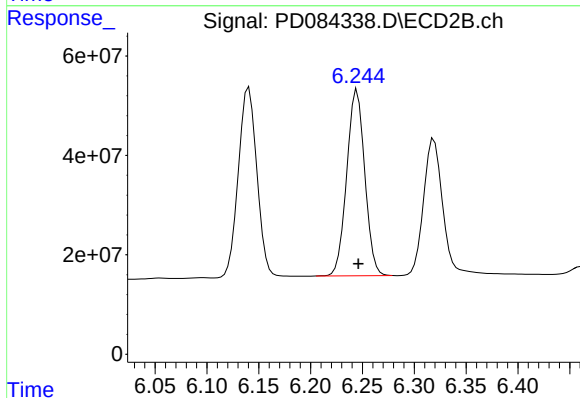
R.T.: 5.989 min  
Delta R.T.: -0.001 min  
Response: 458488845  
Conc: 93.45 ng/ml



#17 4,4'-DDT

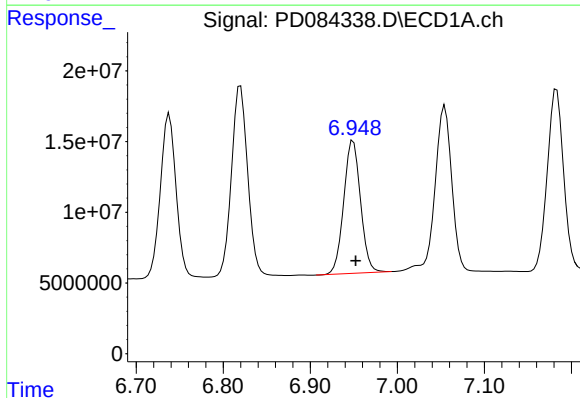
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 142737508  
Conc: 105.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



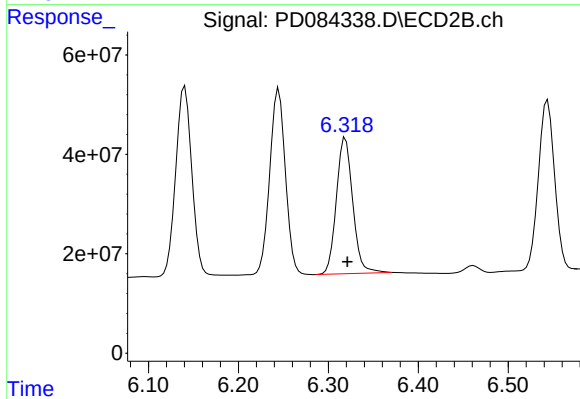
#17 4,4'-DDT

R.T.: 6.245 min  
Delta R.T.: -0.001 min  
Response: 453510612  
Conc: 91.55 ng/ml



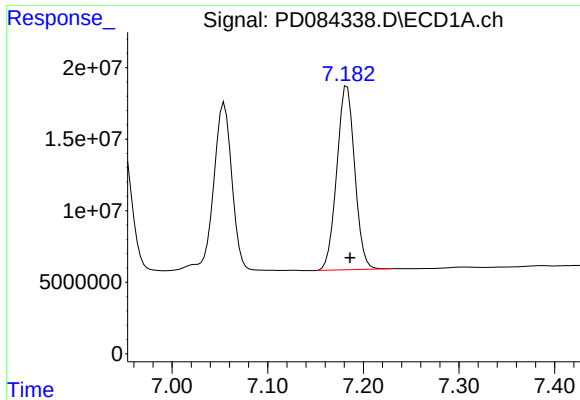
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: -0.003 min  
Response: 125803112  
Conc: 110.68 ng/ml



#18 Endrin aldehyde

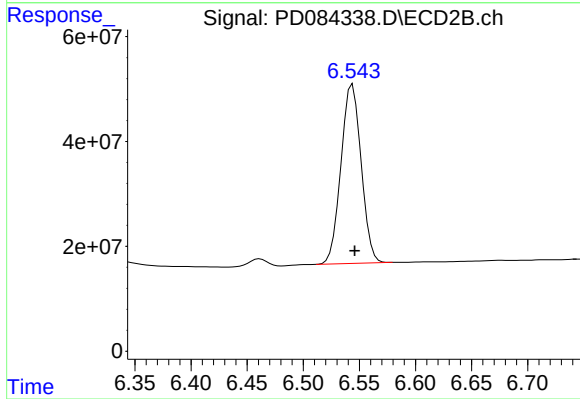
R.T.: 6.319 min  
Delta R.T.: -0.002 min  
Response: 347333247  
Conc: 92.83 ng/ml



#19 Endosulfan Sulfate

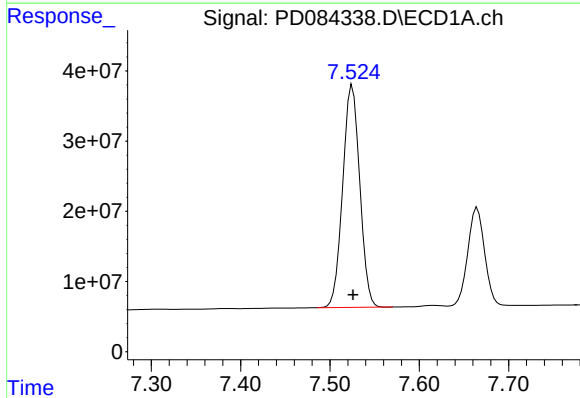
R.T.: 7.183 min  
Delta R.T.: -0.003 min  
Response: 167576738  
Conc: 110.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



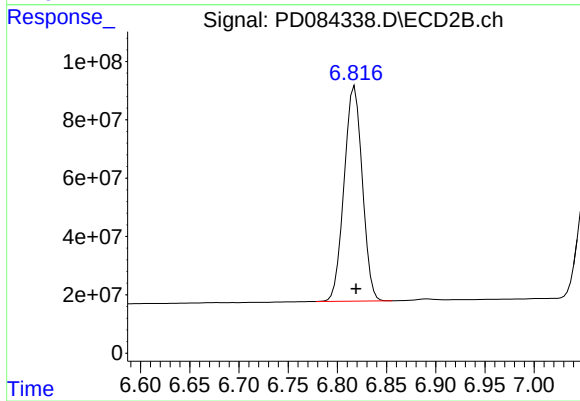
#19 Endosulfan Sulfate

R.T.: 6.544 min  
Delta R.T.: -0.002 min  
Response: 428075835  
Conc: 91.69 ng/ml



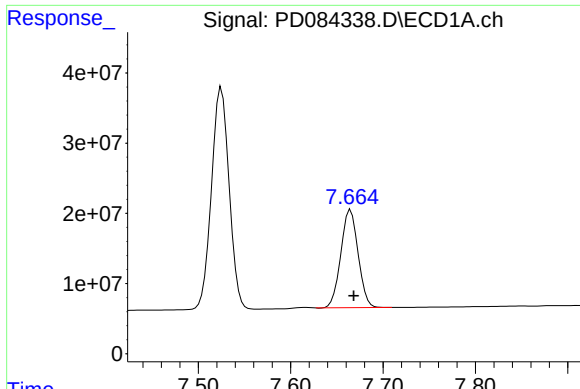
#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 420507586  
Conc: 527.27 ng/ml



#20 Methoxychlor

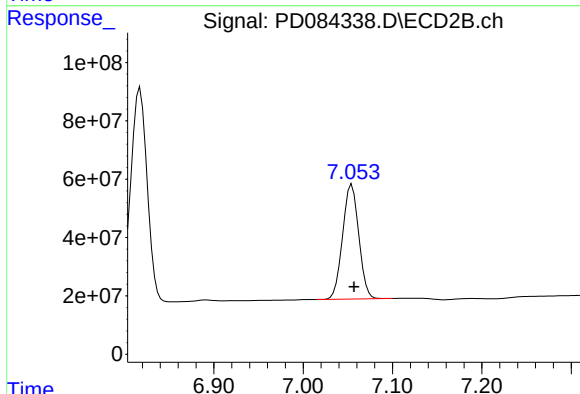
R.T.: 6.817 min  
Delta R.T.: -0.001 min  
Response: 947841787  
Conc: 440.16 ng/ml



#21 Endrin ketone

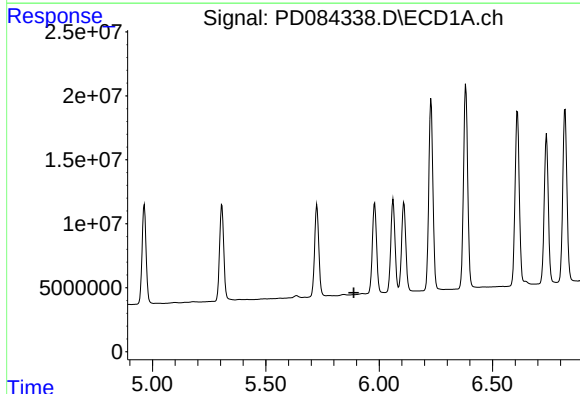
R.T.: 7.665 min  
Delta R.T.: -0.003 min  
Response: 181821902  
Conc: 109.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



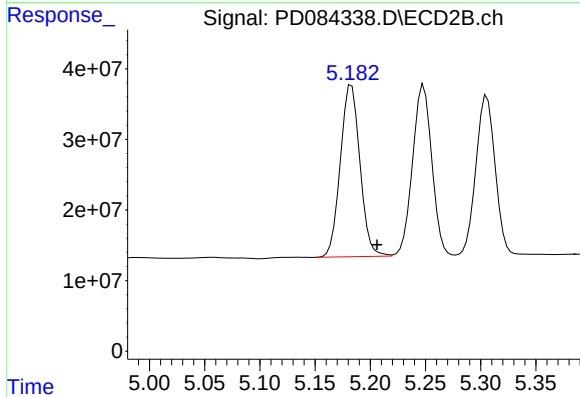
#21 Endrin ketone

R.T.: 7.054 min  
Delta R.T.: -0.003 min  
Response: 494810404  
Conc: 95.02 ng/ml



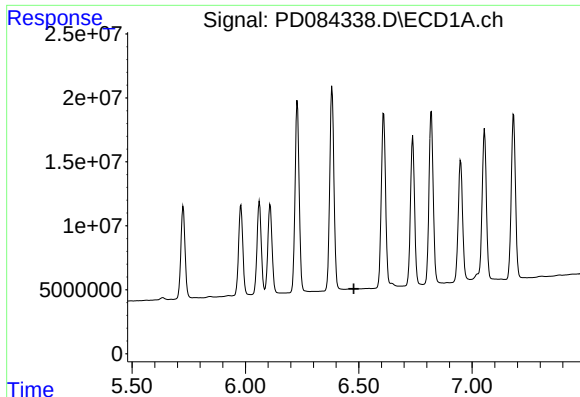
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.888 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

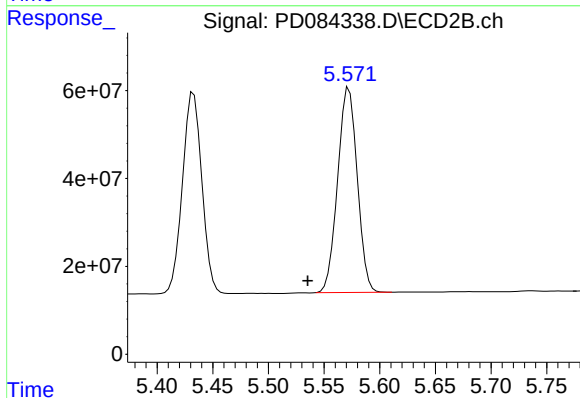
R.T.: 5.183 min  
Delta R.T.: -0.023 min  
Response: 301362609  
Conc: 10812.82 ng/ml



#23 Toxaphene-2

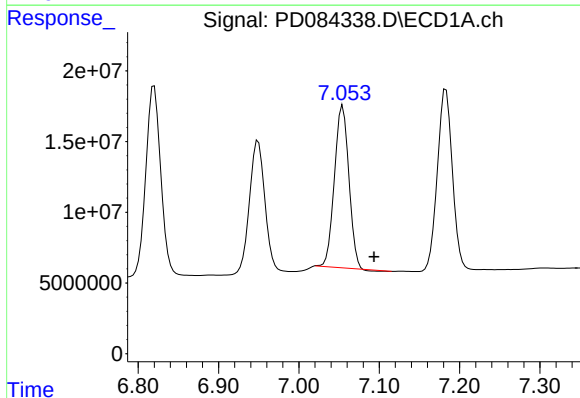
R.T.: 0.000 min  
Exp R.T.: 6.479 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



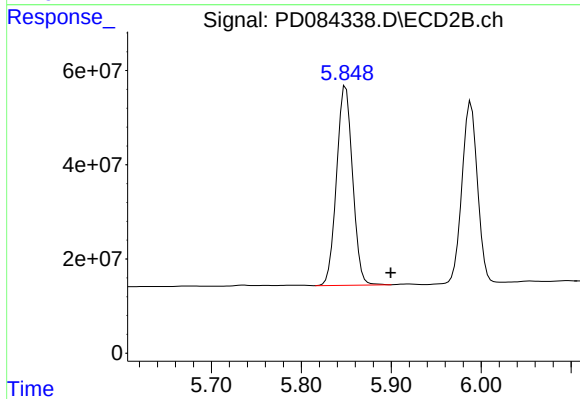
#23 Toxaphene-2

R.T.: 5.572 min  
Delta R.T.: 0.037 min  
Response: 572172510  
Conc: 15487.49 ng/ml



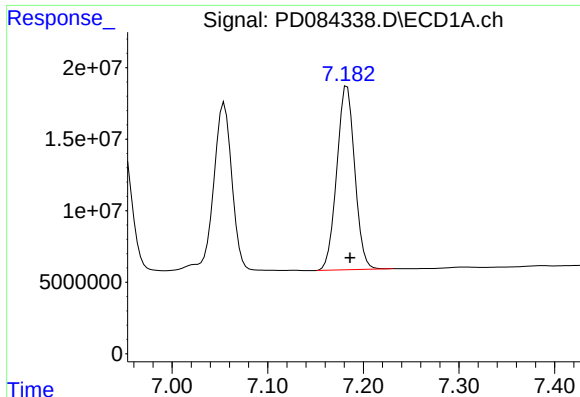
#24 Toxaphene-3

R.T.: 7.055 min  
Delta R.T.: -0.039 min  
Response: 142737508  
Conc: 3135.89 ng/ml



#24 Toxaphene-3

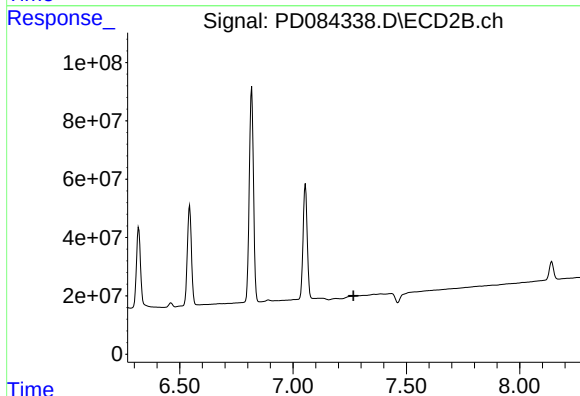
R.T.: 5.849 min  
Delta R.T.: -0.050 min  
Response: 522745831  
Conc: 14974.98 ng/ml



#25 Toxaphene-4

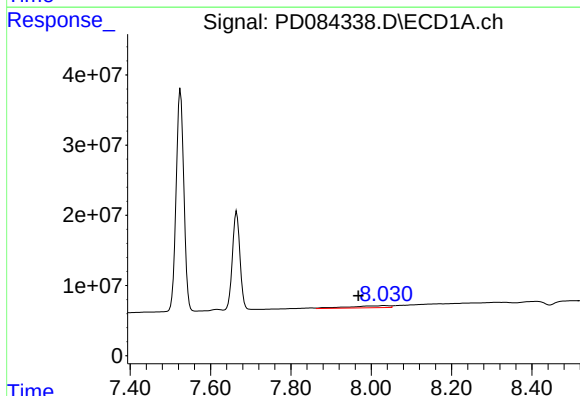
R.T.: 7.183 min  
Delta R.T.: -0.003 min  
Response: 167576738  
Conc: 4994.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



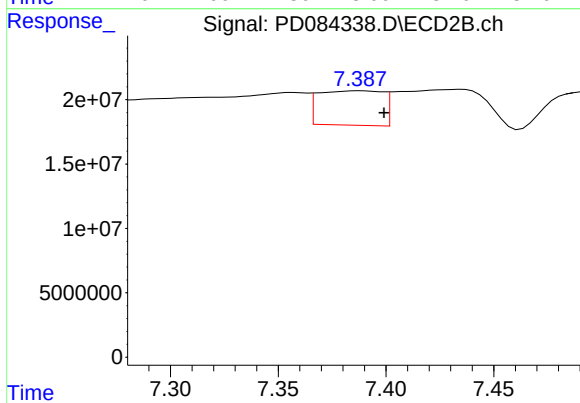
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.267 min  
Response: 0  
Conc: N.D.



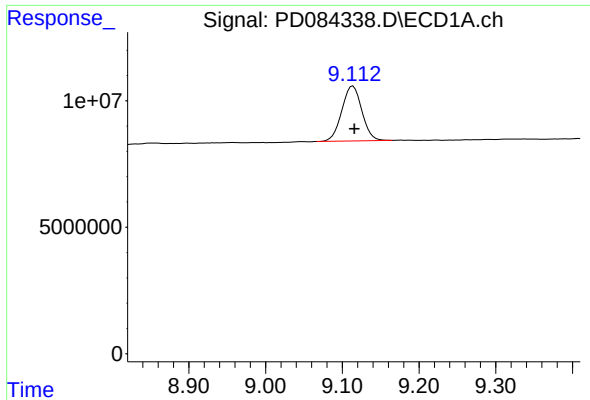
#26 Toxaphene-5

R.T.: 8.032 min  
Delta R.T.: 0.064 min  
Response: 19267804  
Conc: 776.64 ng/ml



#26 Toxaphene-5

R.T.: 7.388 min  
Delta R.T.: -0.011 min  
Response: 55326181  
Conc: 1008.89 ng/ml



#27 Decachlorobiphenyl

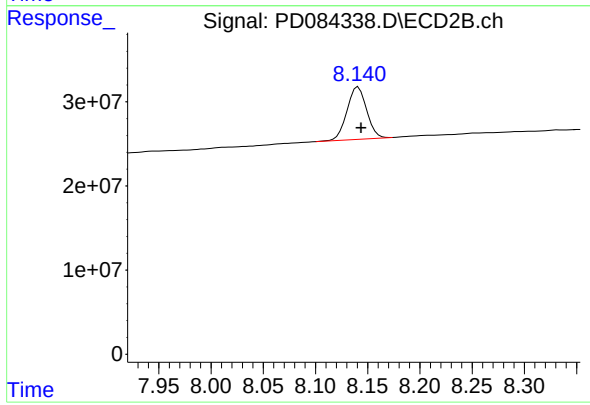
R.T.: 9.114 min

Delta R.T.: -0.002 min

Response: 39524759

Conc: 22.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.141 min

Delta R.T.: -0.003 min

Response: 81452199

Conc: 21.67 ng/ml