

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021924\  
 Data File : PD081491.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2024 12:35  
 Operator : AR\AJ  
 Sample : P1442-07MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 20:44:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 17:06:05 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

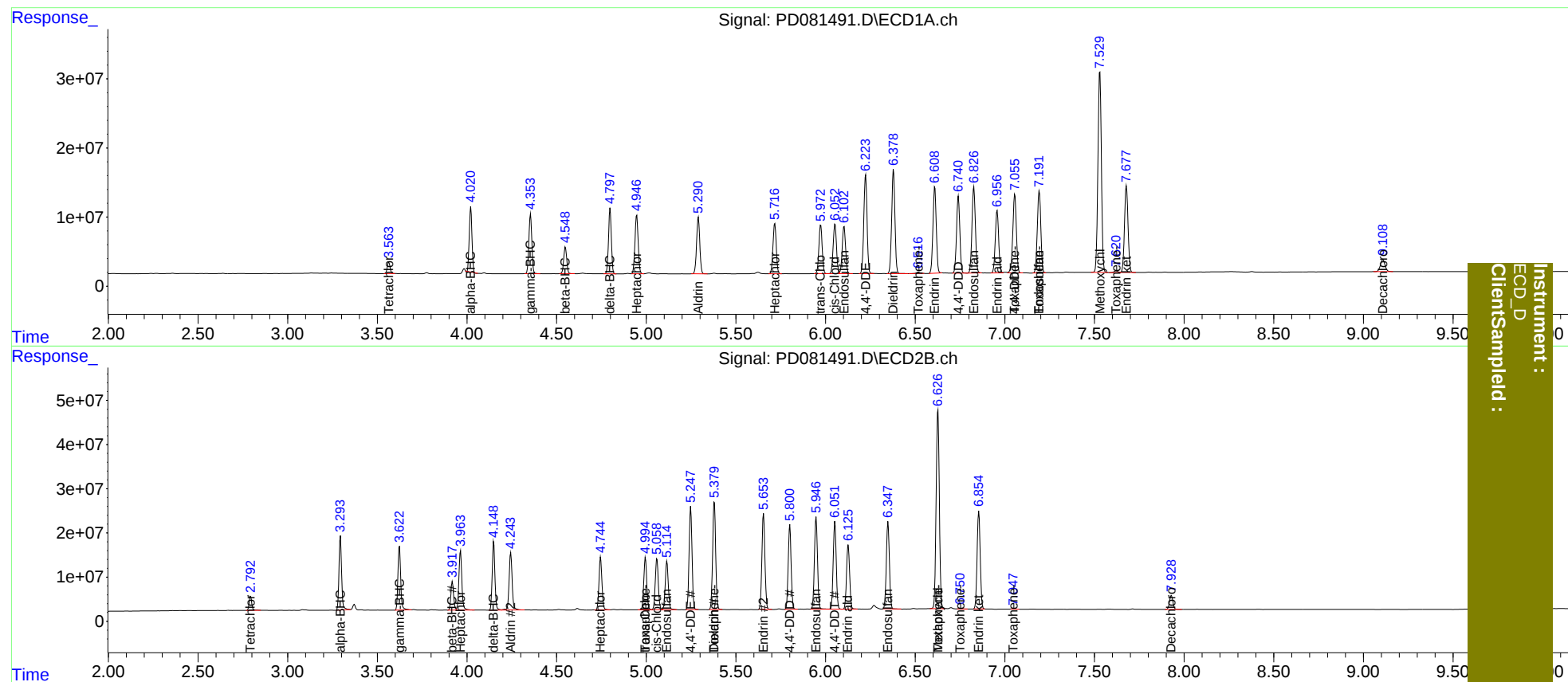
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-------------|
| -----                       |                 |        |       |          |          |          |             |
| System Monitoring Compounds |                 |        |       |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.564  | 2.793 | 18210105 | 32923718 | 13.320   | 13.430      |
| 2)                          | SA Decachlor... | 9.109  | 7.929 | 31298178 | 41703362 | 16.222   | 16.811      |
| Target Compounds            |                 |        |       |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.021  | 3.294 | 98261117 | 169.0E6  | 42.077   | 43.958      |
| 3)                          | MA gamma-BHC... | 4.355  | 3.624 | 97909178 | 155.6E6  | 42.379   | 42.957      |
| 4)                          | MA Heptachlor   | 4.947  | 3.964 | 105.3E6  | 152.8E6  | 42.950   | 43.066      |
| 5)                          | MB Aldrin       | 5.291  | 4.245 | 102.0E6  | 153.1E6  | 43.126   | 45.208      |
| 6)                          | B beta-BHC      | 4.549  | 3.919 | 44583788 | 67467481 | 42.901   | 39.929      |
| 7)                          | B delta-BHC     | 4.799  | 4.149 | 104.7E6  | 162.1E6  | 44.207   | 43.301      |
| 8)                          | B Heptachlo...  | 5.717  | 4.745 | 92173659 | 136.9E6  | 40.697   | 42.672      |
| 9)                          | A Endosulfan I  | 6.104  | 5.115 | 88634458 | 128.8E6  | 42.094   | 43.013      |
| 10)                         | B trans-Chl...  | 5.973  | 4.995 | 89887950 | 135.3E6  | 41.057   | 43.359      |
| 11)                         | B cis-Chlor...  | 6.053  | 5.060 | 92418176 | 135.7E6  | 41.033   | 42.369      |
| 12)                         | B 4,4'-DDE      | 6.224  | 5.248 | 180.5E6  | 263.5E6  | 84.081   | 89.118      |
| 13)                         | MA Dieldrin     | 6.379  | 5.380 | 190.5E6  | 283.2E6  | 85.775   | 86.217      |
| 14)                         | MA Endrin       | 6.610  | 5.654 | 160.9E6  | 252.6E6  | 85.731   | 87.932      |
| 15)                         | B Endosulfa...  | 6.828  | 5.948 | 164.3E6  | 247.7E6  | 85.090   | 87.741      |
| 16)                         | A 4,4'-DDD      | 6.741  | 5.801 | 142.2E6  | 216.7E6  | 85.615   | 85.998      |
| 17)                         | MA 4,4'-DDT     | 7.056  | 6.052 | 156.2E6  | 230.7E6  | 89.931   | 89.325      |
| 18)                         | B Endrin al...  | 6.957  | 6.127 | 117.3E6  | 174.7E6  | 78.555   | 80.600      |
| 19)                         | B Endosulfa...  | 7.192  | 6.349 | 160.1E6  | 233.0E6  | 87.465   | 86.854      |
| 20)                         | A Methoxychlor  | 7.530  | 6.627 | 388.3E6  | 557.1E6  | 423.281  | 416.977     |
| 21)                         | B Endrin ke...  | 7.678  | 6.855 | 172.7E6  | 265.5E6  | 89.307   | 88.534      |
| 22)                         | Toxaphene-1     | 0.000  | 4.995 | 0        | 135.3E6  | N.D.     | 8264.326    |
| 23)                         | Toxaphene-2     | 6.518f | 5.380 | 2797287  | 283.2E6  | 147.555  | 16615.262 # |
| 24)                         | Toxaphene-3     | 7.056f | 6.627 | 156.2E6  | 557.1E6  | 2954.362 | 9517.930 #  |
| 25)                         | Toxaphene-4     | 7.192  | 6.751 | 160.1E6  | 522803   | 4048.162 | 6.570 #     |
| 26)                         | Toxaphene-5     | 7.621  | 7.048 | 3437059  | 439947   | 115.889  | 13.567 #    |
| -----                       |                 |        |       |          |          |          |             |

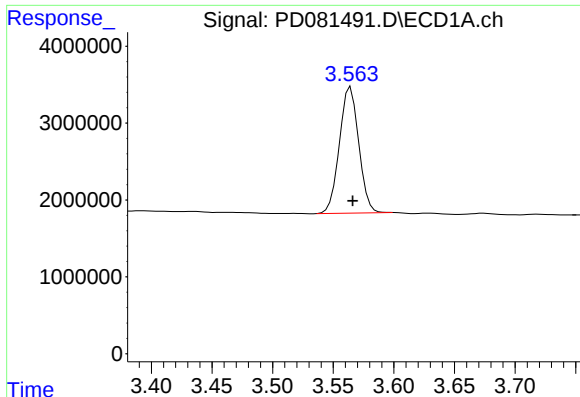
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021924\  
Data File : PD081491.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Feb 2024 12:35  
Operator : AR\AJ  
Sample : P1442-07MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 20:44:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 12 17:06:05 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

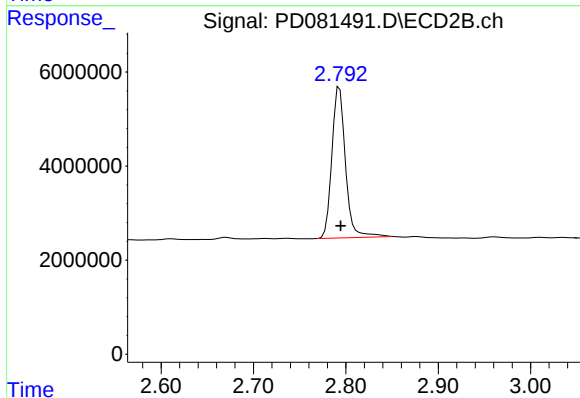




#1 Tetrachloro-m-xylene

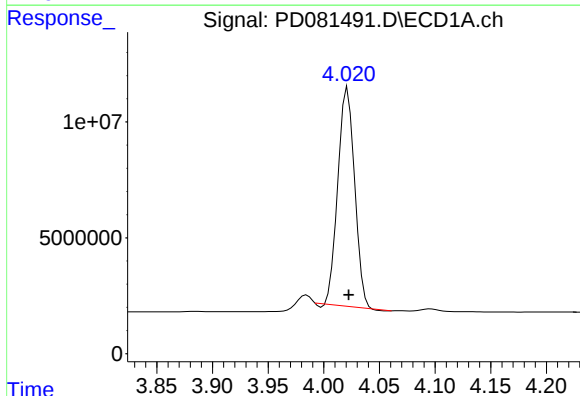
R.T.: 3.564 min  
Delta R.T.: -0.002 min  
Response: 18210105  
Conc: 13.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



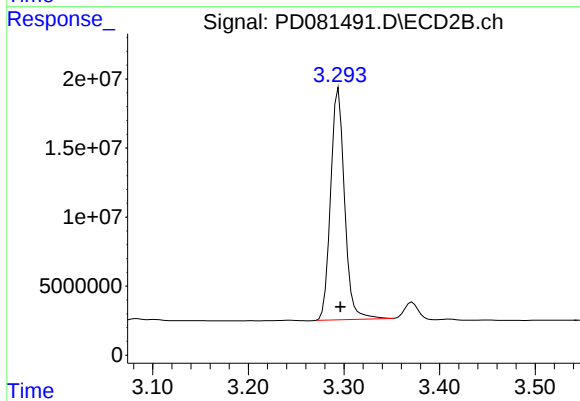
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.001 min  
Response: 32923718  
Conc: 13.43 ng/ml



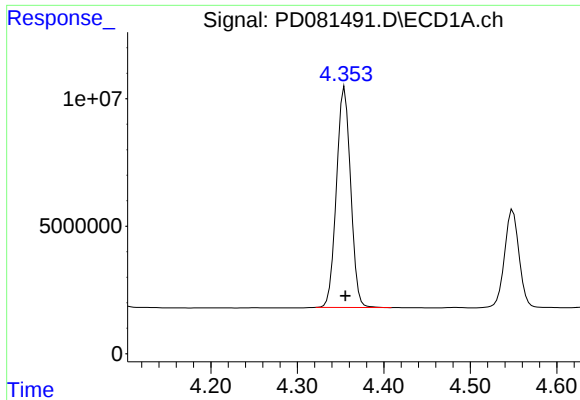
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 98261117  
Conc: 42.08 ng/ml



#2 alpha-BHC

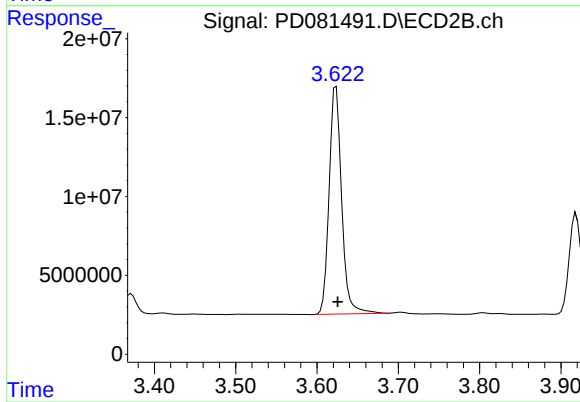
R.T.: 3.294 min  
Delta R.T.: -0.002 min  
Response: 169009770  
Conc: 43.96 ng/ml



#3 gamma-BHC (Lindane)

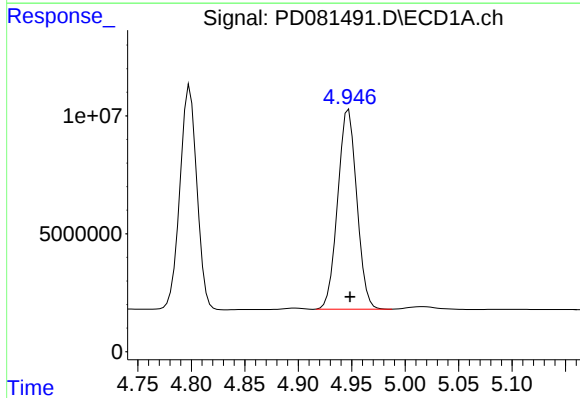
R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 97909178  
Conc: 42.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



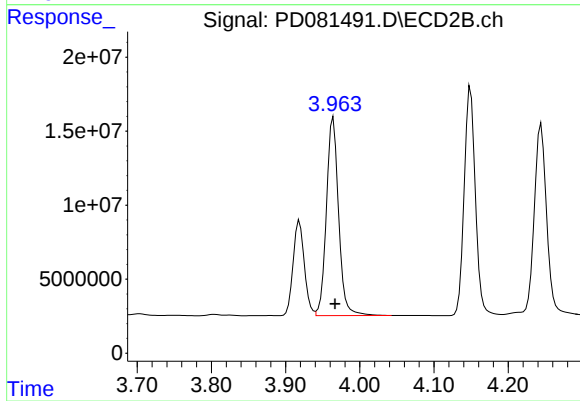
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.002 min  
Response: 155587425  
Conc: 42.96 ng/ml



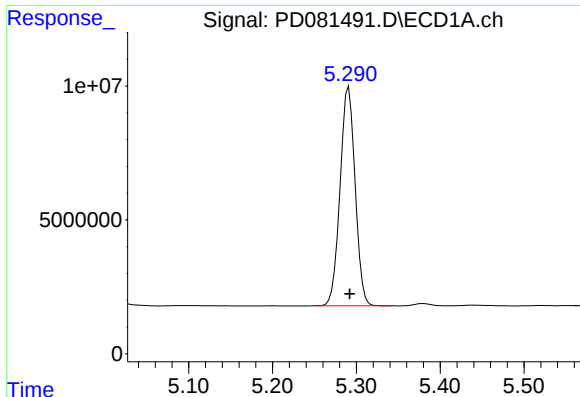
#4 Heptachlor

R.T.: 4.947 min  
Delta R.T.: -0.001 min  
Response: 105336158  
Conc: 42.95 ng/ml



#4 Heptachlor

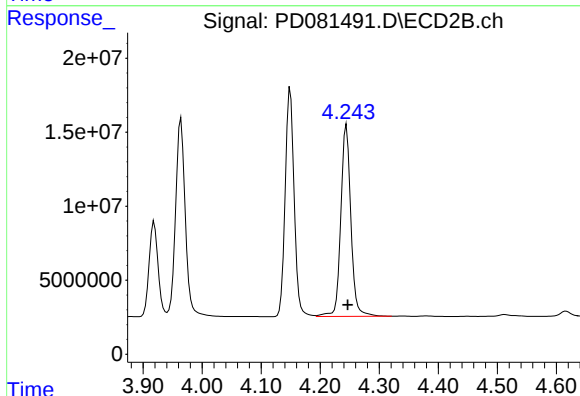
R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 152768495  
Conc: 43.07 ng/ml



#5 Aldrin

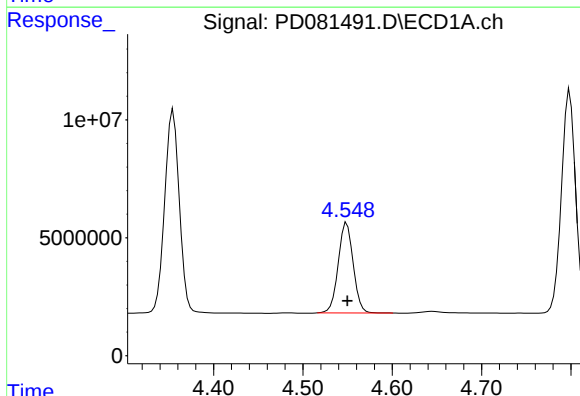
R.T.: 5.291 min  
Delta R.T.: -0.001 min  
Response: 101972730  
Conc: 43.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



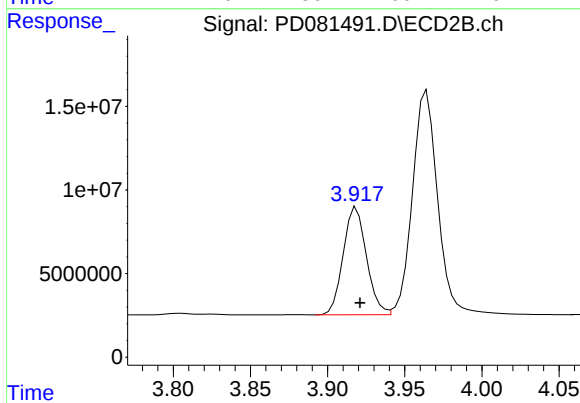
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: -0.002 min  
Response: 153125742  
Conc: 45.21 ng/ml



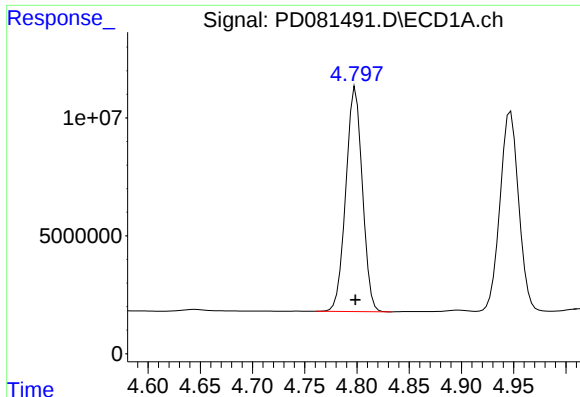
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 44583788  
Conc: 42.90 ng/ml



#6 beta-BHC

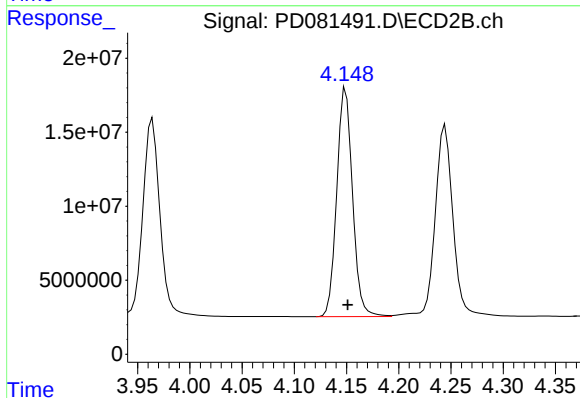
R.T.: 3.919 min  
Delta R.T.: -0.002 min  
Response: 67467481  
Conc: 39.93 ng/ml



#7 delta-BHC

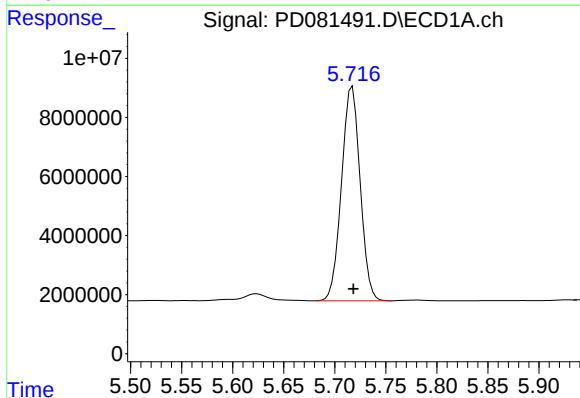
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 104702238  
Conc: 44.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



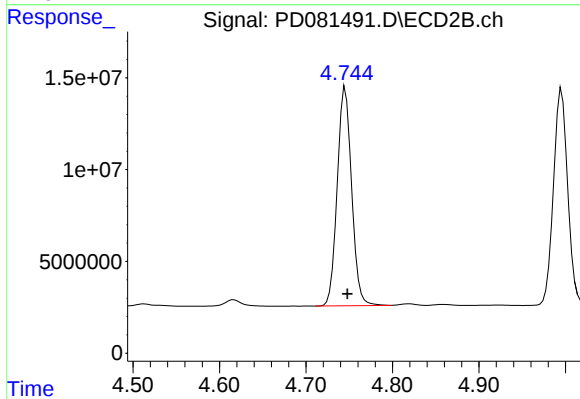
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.002 min  
Response: 162144740  
Conc: 43.30 ng/ml



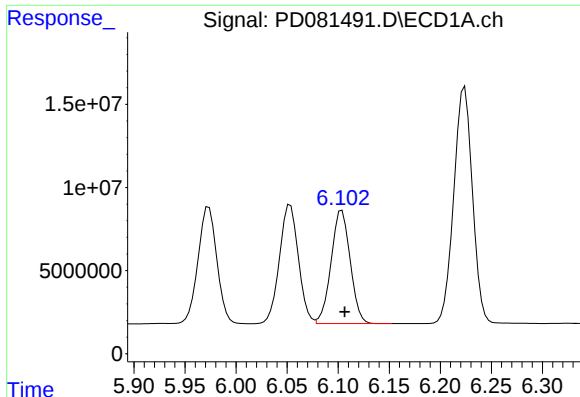
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 92173659  
Conc: 40.70 ng/ml



#8 Heptachlor epoxide

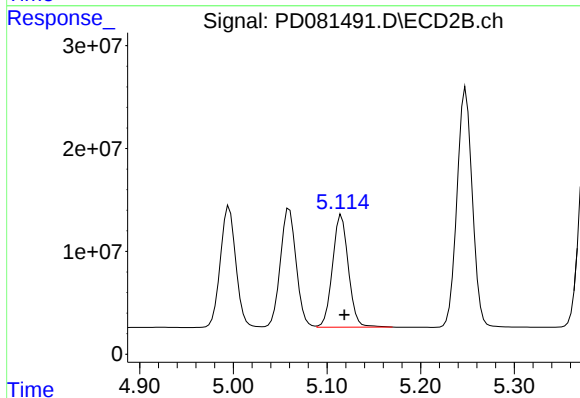
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 136908677  
Conc: 42.67 ng/ml



#9 Endosulfan I

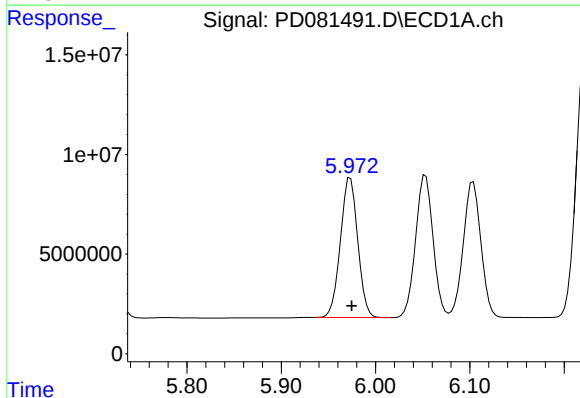
R.T.: 6.104 min  
Delta R.T.: -0.003 min  
Response: 88634458  
Conc: 42.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



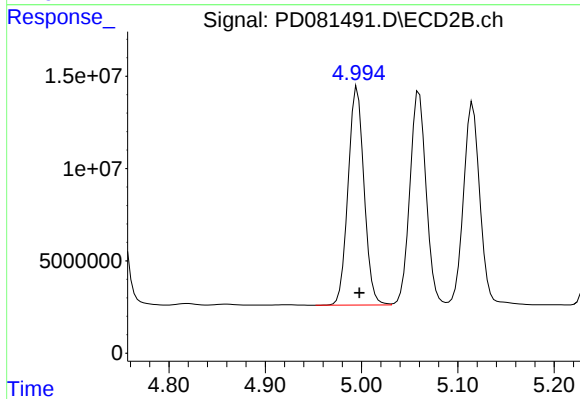
#9 Endosulfan I

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 128787849  
Conc: 43.01 ng/ml



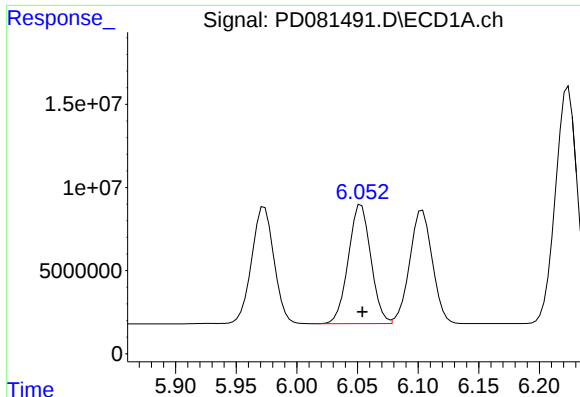
#10 trans-Chlordane

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 89887950  
Conc: 41.06 ng/ml



#10 trans-Chlordane

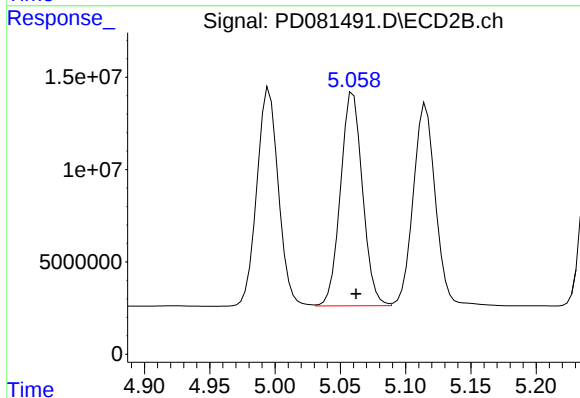
R.T.: 4.995 min  
Delta R.T.: -0.002 min  
Response: 135305085  
Conc: 43.36 ng/ml



#11 cis-Chlordane

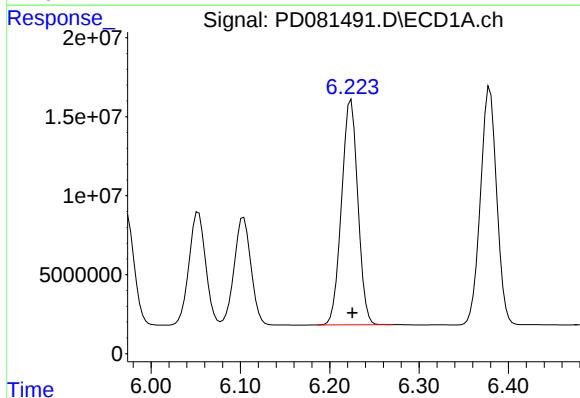
R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 92418176  
Conc: 41.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



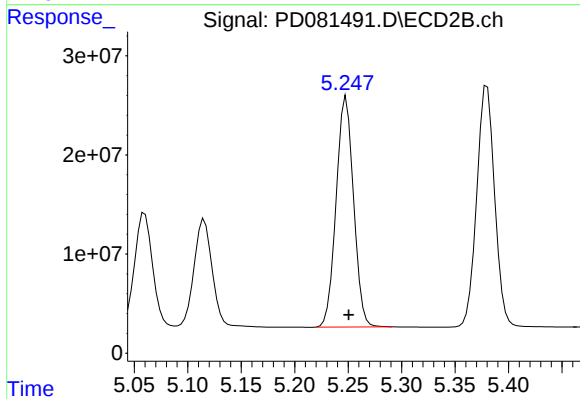
#11 cis-Chlordane

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 135728739  
Conc: 42.37 ng/ml



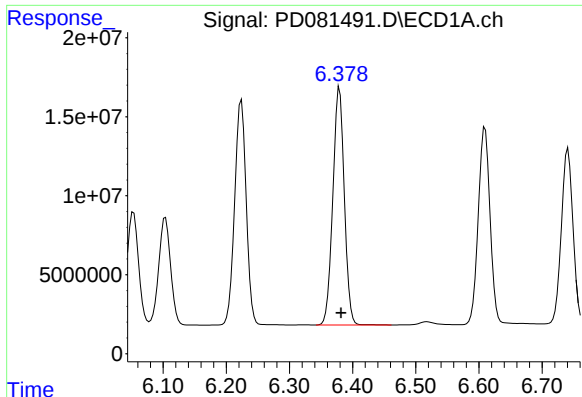
#12 4,4'-DDE

R.T.: 6.224 min  
Delta R.T.: -0.001 min  
Response: 180487773  
Conc: 84.08 ng/ml



#12 4,4'-DDE

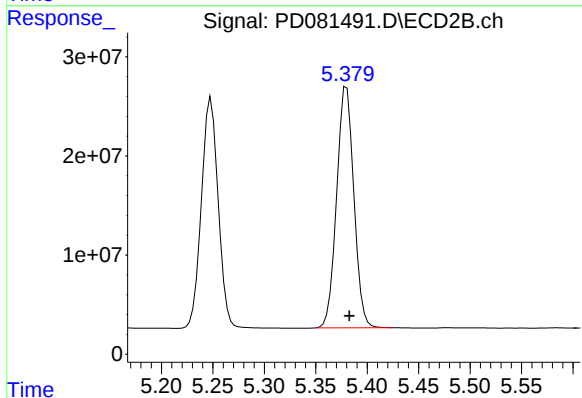
R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 263527417  
Conc: 89.12 ng/ml



#13 Dieldrin

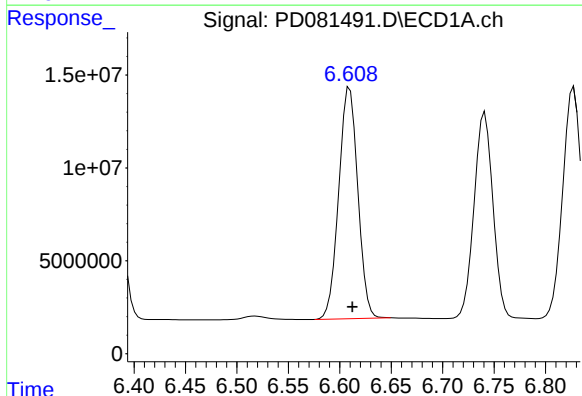
R.T.: 6.379 min  
Delta R.T.: -0.002 min  
Response: 190455418  
Conc: 85.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



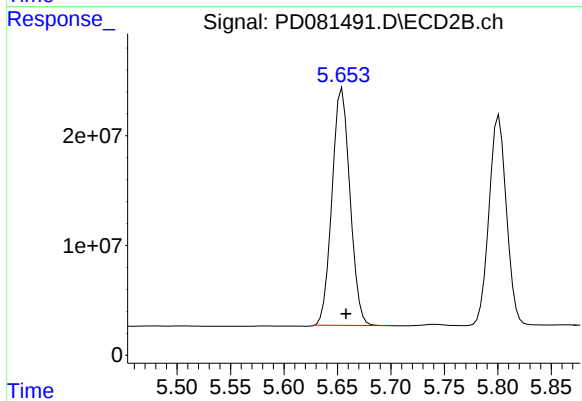
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 283178975  
Conc: 86.22 ng/ml



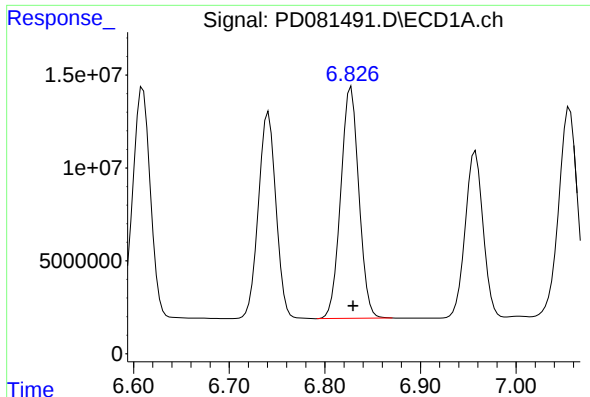
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.003 min  
Response: 160891388  
Conc: 85.73 ng/ml



#14 Endrin

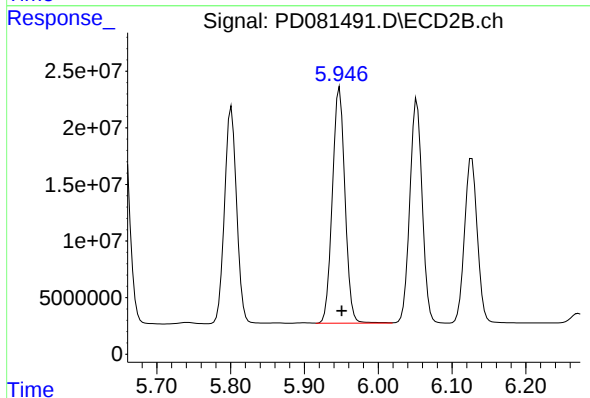
R.T.: 5.654 min  
Delta R.T.: -0.004 min  
Response: 252637426  
Conc: 87.93 ng/ml



#15 Endosulfan II

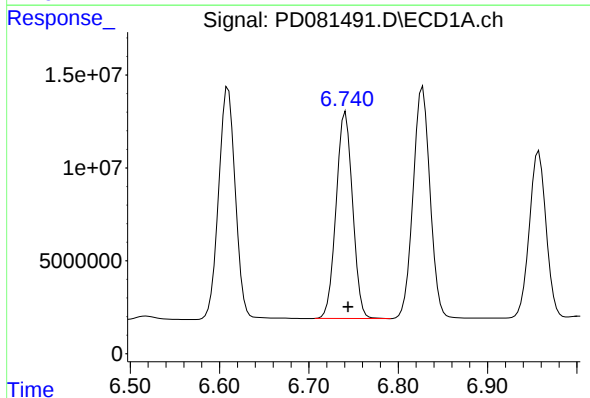
R.T.: 6.828 min  
Delta R.T.: -0.002 min  
Response: 164261864  
Conc: 85.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



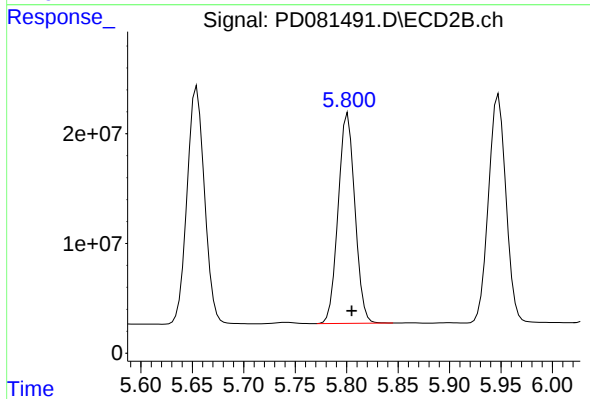
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: -0.003 min  
Response: 247651484  
Conc: 87.74 ng/ml



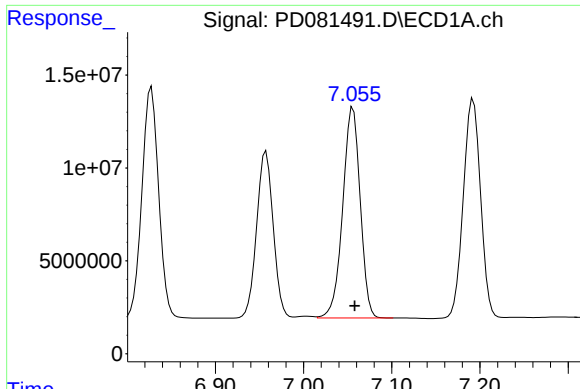
#16 4,4'-DDD

R.T.: 6.741 min  
Delta R.T.: -0.003 min  
Response: 142205006  
Conc: 85.62 ng/ml



#16 4,4'-DDD

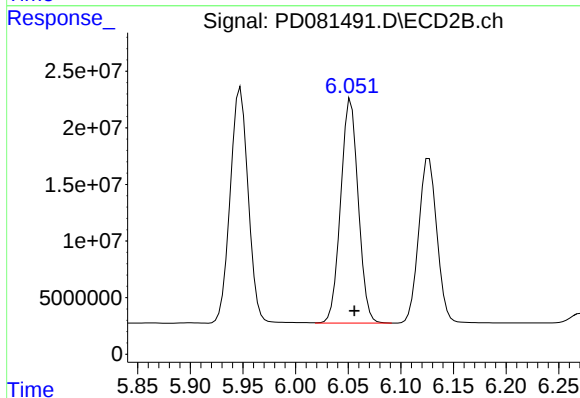
R.T.: 5.801 min  
Delta R.T.: -0.004 min  
Response: 216732654  
Conc: 86.00 ng/ml



#17 4,4'-DDT

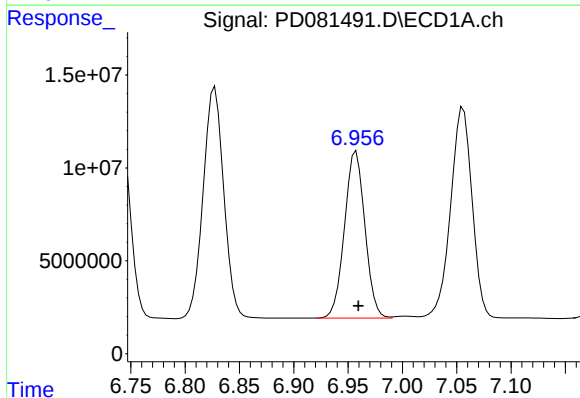
R.T.: 7.056 min  
Delta R.T.: -0.002 min  
Response: 156240750  
Conc: 89.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



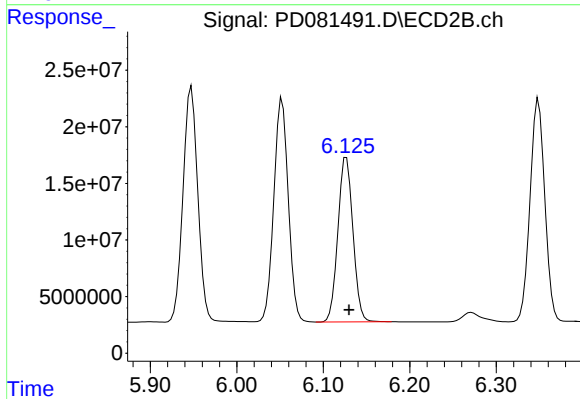
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: -0.003 min  
Response: 230666653  
Conc: 89.32 ng/ml



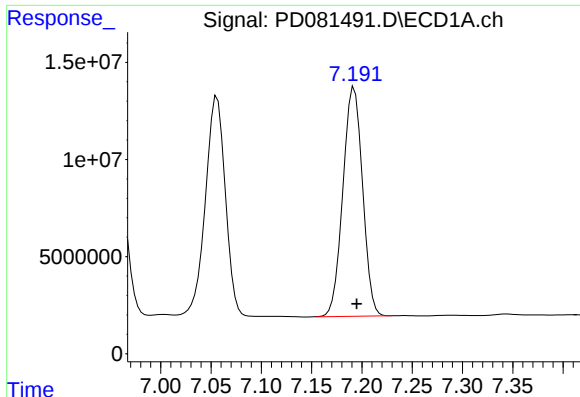
#18 Endrin aldehyde

R.T.: 6.957 min  
Delta R.T.: -0.002 min  
Response: 117347010  
Conc: 78.56 ng/ml



#18 Endrin aldehyde

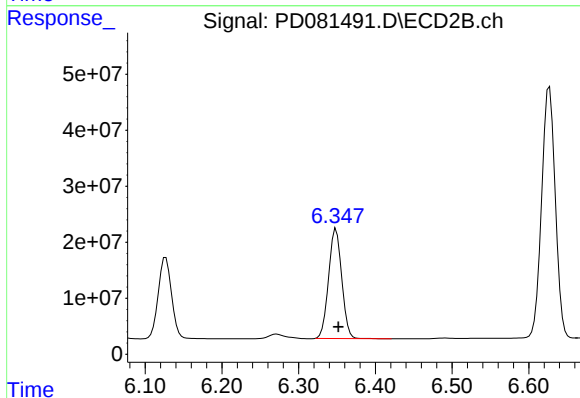
R.T.: 6.127 min  
Delta R.T.: -0.003 min  
Response: 174658619  
Conc: 80.60 ng/ml



#19 Endosulfan Sulfate

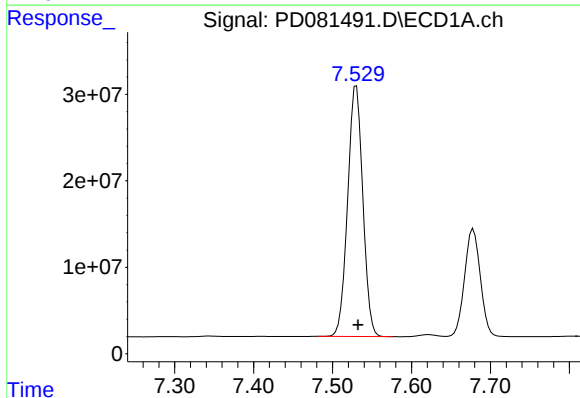
R.T.: 7.192 min  
Delta R.T.: -0.002 min  
Response: 160135366  
Conc: 87.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



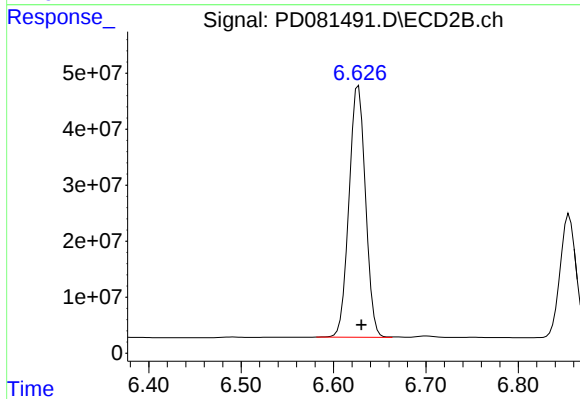
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 233003684  
Conc: 86.85 ng/ml



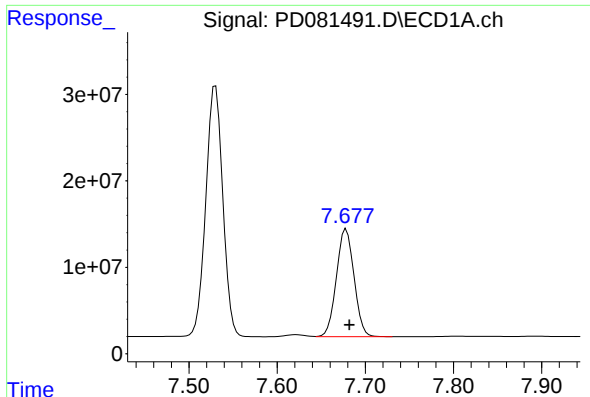
#20 Methoxychlor

R.T.: 7.530 min  
Delta R.T.: -0.002 min  
Response: 388265456  
Conc: 423.28 ng/ml



#20 Methoxychlor

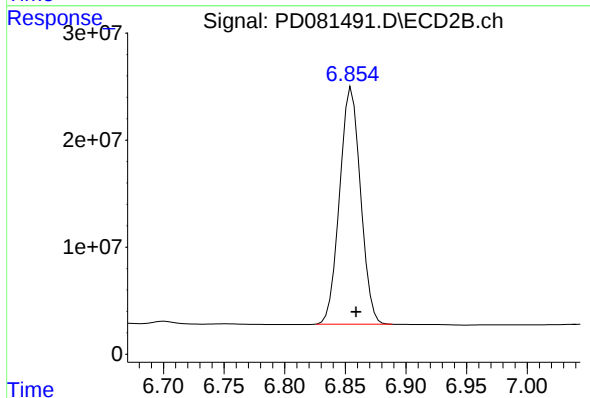
R.T.: 6.627 min  
Delta R.T.: -0.003 min  
Response: 557100947  
Conc: 416.98 ng/ml



#21 Endrin ketone

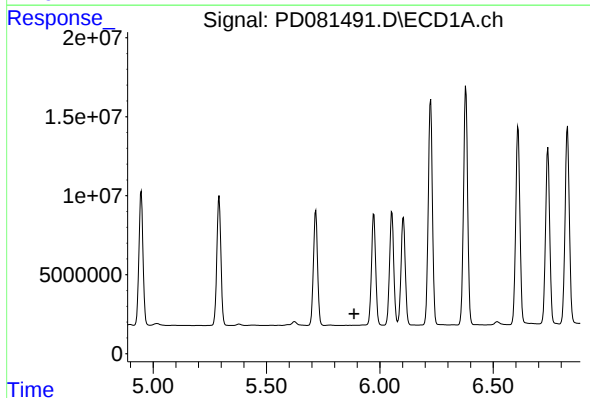
R.T.: 7.678 min  
Delta R.T.: -0.004 min  
Response: 172690929  
Conc: 89.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



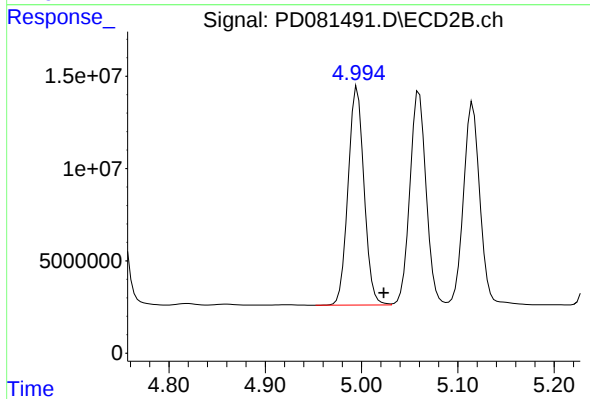
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: -0.004 min  
Response: 265473108  
Conc: 88.53 ng/ml



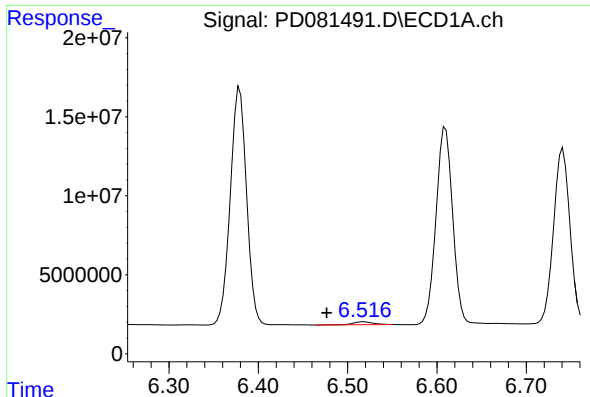
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.886 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

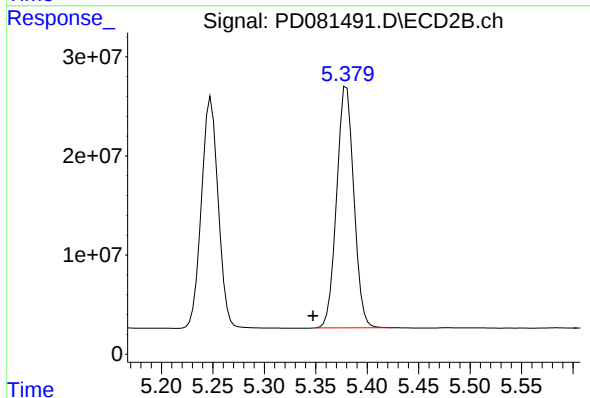
R.T.: 4.995 min  
Delta R.T.: -0.027 min  
Response: 135305085  
Conc: 8264.33 ng/ml



#23 Toxaphene-2

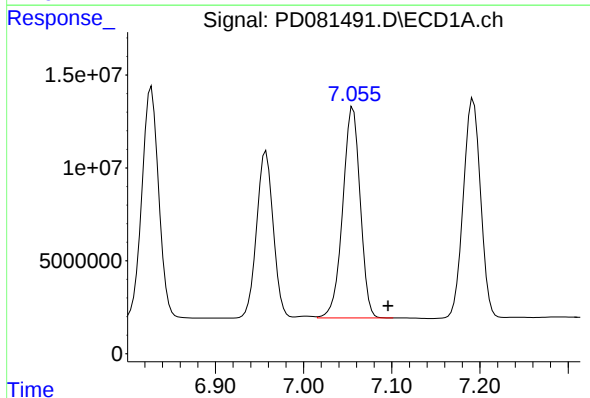
R.T.: 6.518 min  
Delta R.T.: 0.041 min  
Response: 2797287  
Conc: 147.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



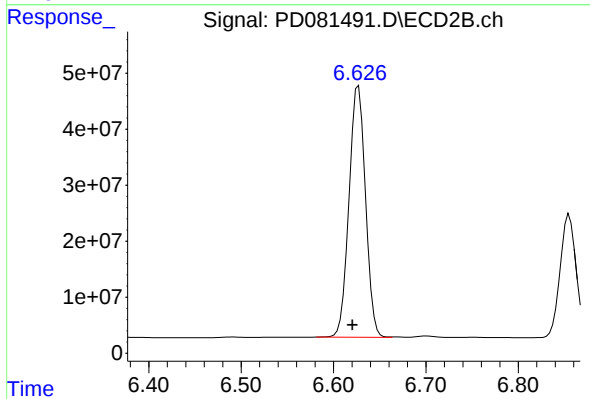
#23 Toxaphene-2

R.T.: 5.380 min  
Delta R.T.: 0.033 min  
Response: 283178975  
Conc: 16615.26 ng/ml



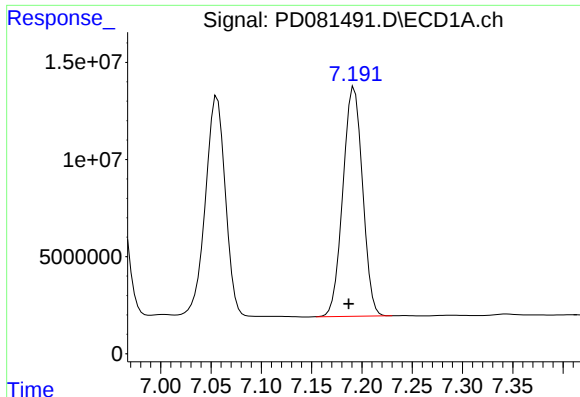
#24 Toxaphene-3

R.T.: 7.056 min  
Delta R.T.: -0.040 min  
Response: 156240750  
Conc: 2954.36 ng/ml



#24 Toxaphene-3

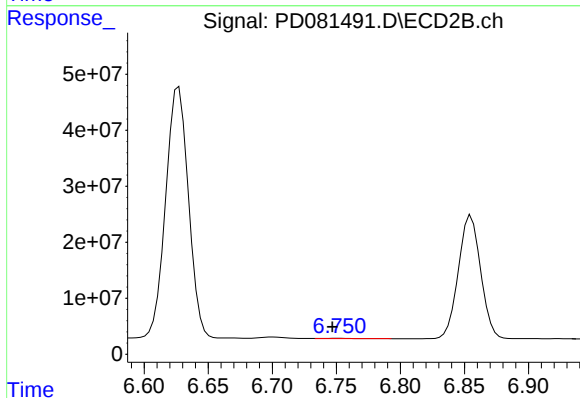
R.T.: 6.627 min  
Delta R.T.: 0.007 min  
Response: 557100947  
Conc: 9517.93 ng/ml



#25 Toxaphene-4

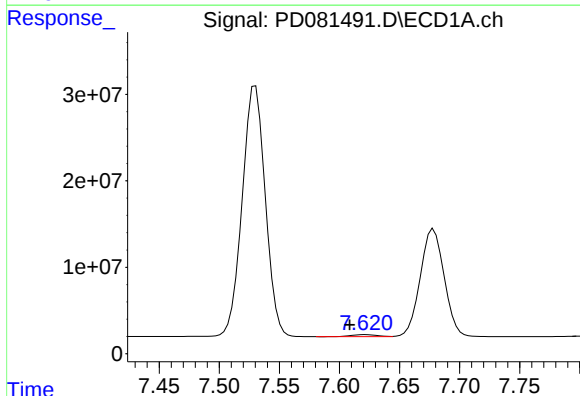
R.T.: 7.192 min  
Delta R.T.: 0.005 min  
Response: 160135366  
Conc: 4048.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



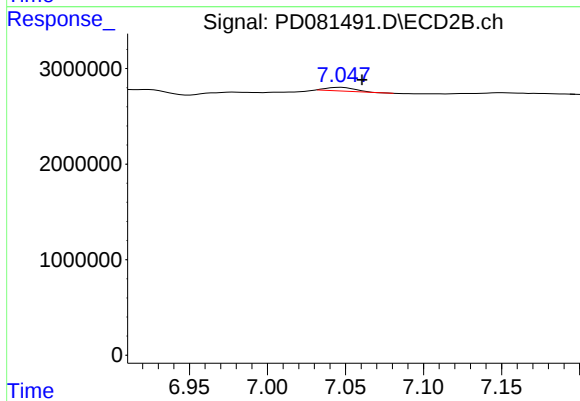
#25 Toxaphene-4

R.T.: 6.751 min  
Delta R.T.: 0.004 min  
Response: 522803  
Conc: 6.57 ng/ml



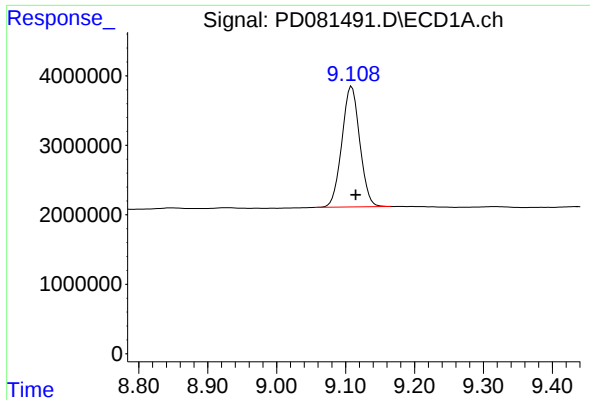
#26 Toxaphene-5

R.T.: 7.621 min  
Delta R.T.: 0.013 min  
Response: 3437059  
Conc: 115.89 ng/ml



#26 Toxaphene-5

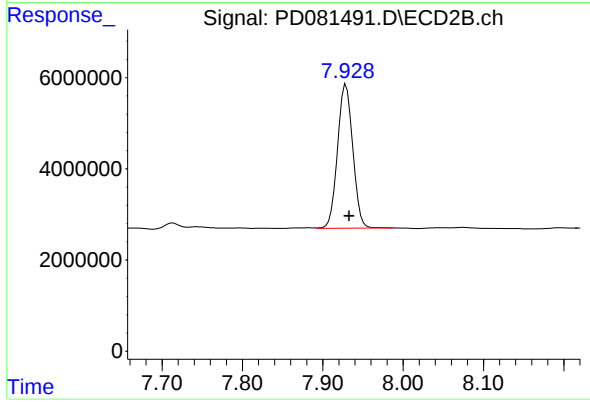
R.T.: 7.048 min  
Delta R.T.: -0.013 min  
Response: 439947  
Conc: 13.57 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: -0.006 min  
Response: 31298178  
Conc: 16.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: -0.004 min  
Response: 41703362  
Conc: 16.81 ng/ml