

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022224\  
 Data File : PD081547.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2024 16:34  
 Operator : AR\AJ  
 Sample : P1469-02MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BH9R0MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 20 20:43:00 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

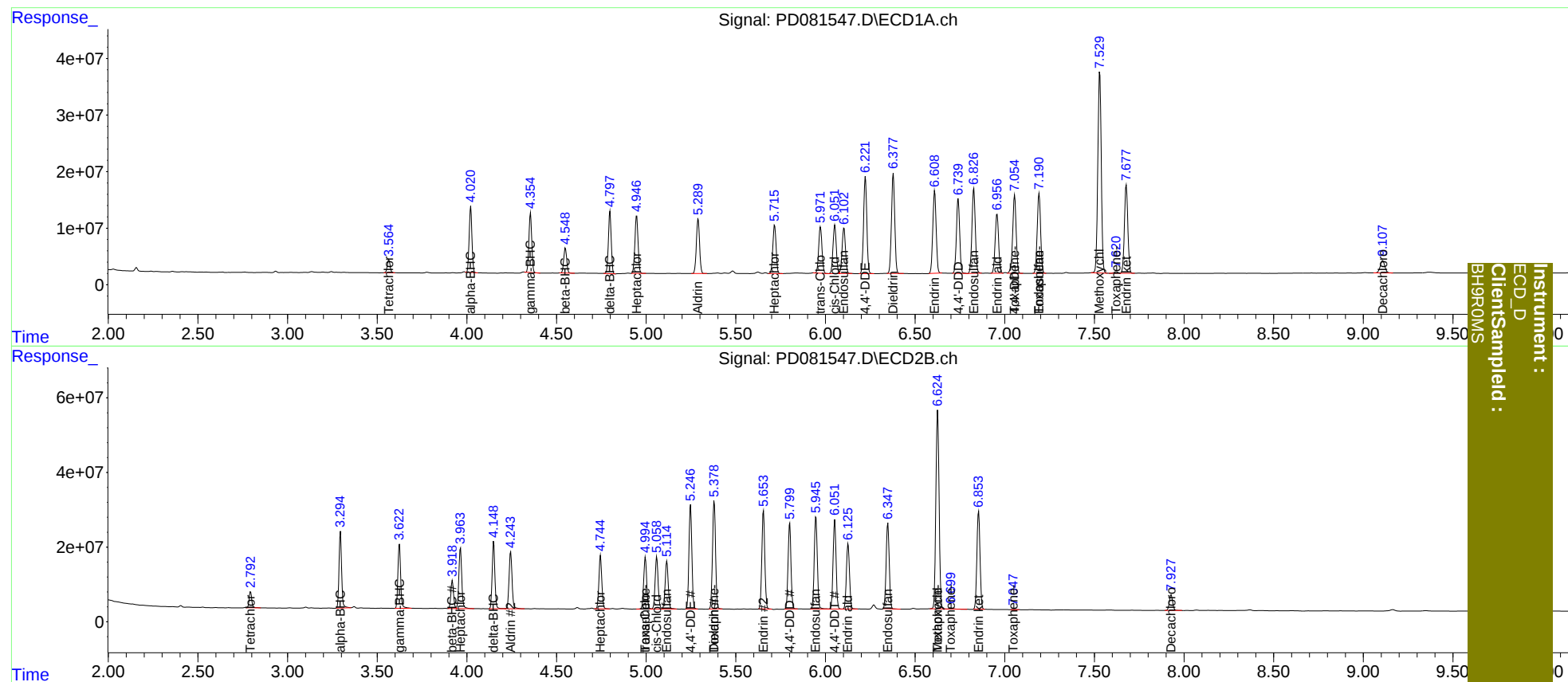
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.565  | 2.794  | 25056634 | 42604005 | 18.328   | 17.378      |
| 27)                         | SA Decachlor... | 9.108  | 7.928  | 39248047 | 53930013 | 20.343   | 21.740      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.021  | 3.295  | 124.6E6  | 203.1E6  | 53.372   | 52.812      |
| 3)                          | MA gamma-BHC... | 4.355  | 3.624  | 113.8E6  | 183.1E6  | 49.240   | 50.540      |
| 4)                          | MA Heptachlor   | 4.947  | 3.964  | 124.6E6  | 182.1E6  | 50.819   | 51.322      |
| 5)                          | MB Aldrin       | 5.290  | 4.244  | 120.4E6  | 177.3E6  | 50.899   | 52.358      |
| 6)                          | B beta-BHC      | 4.549  | 3.919  | 50085993 | 76948759 | 48.196   | 45.540      |
| 7)                          | B delta-BHC     | 4.798  | 4.149  | 121.5E6  | 188.5E6  | 51.312   | 50.343      |
| 8)                          | B Heptachlo...  | 5.717  | 4.745  | 107.5E6  | 160.2E6  | 47.443   | 49.936      |
| 9)                          | A Endosulfan I  | 6.104  | 5.115  | 104.0E6  | 152.3E6  | 49.393   | 50.857      |
| 10)                         | B trans-Chl...  | 5.972  | 4.995  | 104.3E6  | 162.2E6  | 47.643   | 51.969      |
| 11)                         | B cis-Chlor...  | 6.052  | 5.059  | 108.0E6  | 161.9E6  | 47.962   | 50.526      |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.248  | 213.5E6  | 313.4E6  | 99.463   | 105.973     |
| 13)                         | MA Dieldrin     | 6.378  | 5.380  | 224.0E6  | 338.3E6  | 100.882  | 102.997     |
| 14)                         | MA Endrin       | 6.609  | 5.654  | 190.6E6  | 302.2E6  | 101.582  | 105.166     |
| 15)                         | B Endosulfa...  | 6.828  | 5.947  | 193.5E6  | 295.4E6  | 100.243  | 104.659     |
| 16)                         | A 4,4'-DDD      | 6.740  | 5.801  | 167.8E6  | 260.4E6  | 101.037  | 103.324     |
| 17)                         | MA 4,4'-DDT     | 7.055  | 6.052  | 185.1E6  | 275.6E6  | 106.522  | 106.729     |
| 18)                         | B Endrin al...  | 6.957  | 6.126  | 139.1E6  | 209.5E6  | 93.144   | 96.698      |
| 19)                         | B Endosulfa...  | 7.192  | 6.348  | 184.7E6  | 274.6E6  | 100.881  | 102.342     |
| 20)                         | A Methoxychlor  | 7.530  | 6.626  | 472.6E6  | 662.5E6  | 515.189  | 495.853     |
| 21)                         | B Endrin ke...  | 7.678  | 6.854  | 206.2E6  | 318.0E6  | 106.635  | 106.054     |
| 22)                         | Toxaphene-1     | 0.000  | 4.995  | 0        | 162.2E6  | N.D.     | 9905.370    |
| 23)                         | Toxaphene-2     | 0.000  | 5.380  | 0        | 338.3E6  | N.D.     | 19849.105   |
| 24)                         | Toxaphene-3     | 7.055f | 6.626  | 185.1E6  | 662.5E6  | 3499.391 | 11318.344 # |
| 25)                         | Toxaphene-4     | 7.192  | 6.700f | 184.7E6  | 4211047  | 4669.110 | 52.918 #    |
| 26)                         | Toxaphene-5     | 7.622  | 7.048  | 4017625  | 413775   | 135.464  | 12.760 #    |
| -----                       |                 |        |        |          |          |          |             |

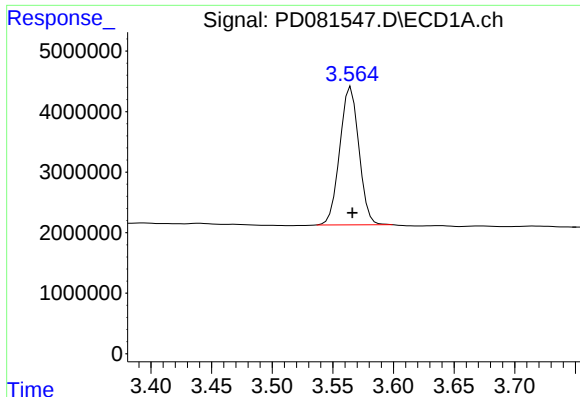
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022224\  
Data File : PD081547.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2024 16:34  
Operator : AR\AJ  
Sample : P1469-02MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 20 20:43:00 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

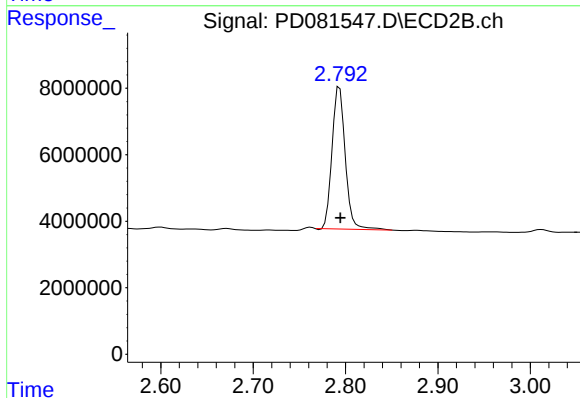




#1 Tetrachloro-m-xylene

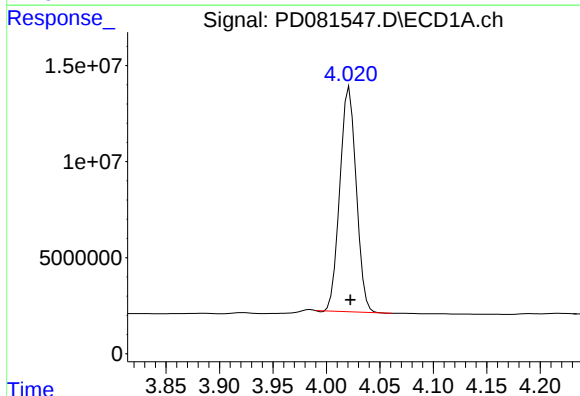
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 25056634  
Conc: 18.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



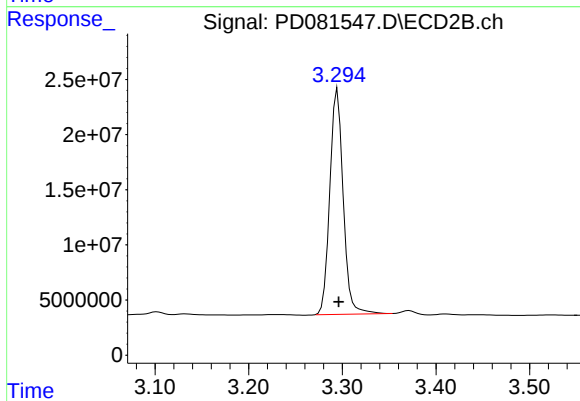
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: 0.000 min  
Response: 42604005  
Conc: 17.38 ng/ml



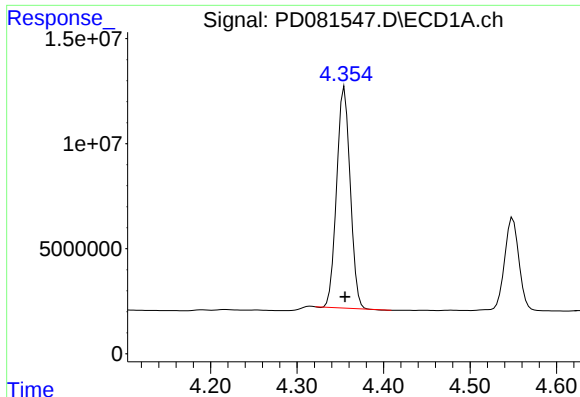
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 124638409  
Conc: 53.37 ng/ml



#2 alpha-BHC

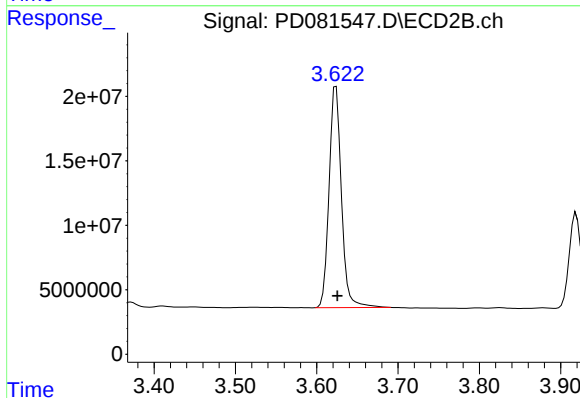
R.T.: 3.295 min  
Delta R.T.: -0.001 min  
Response: 203054719  
Conc: 52.81 ng/ml



#3 gamma-BHC (Lindane)

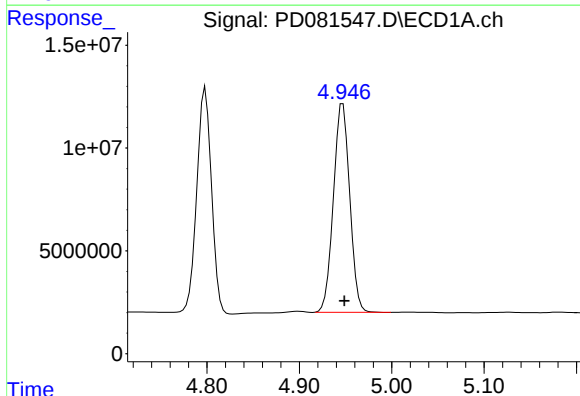
R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 113759067  
Conc: 49.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



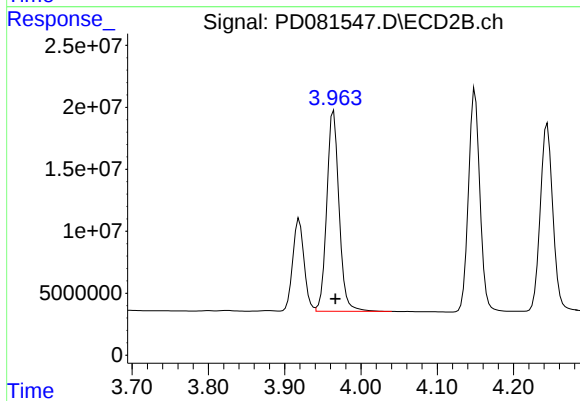
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.002 min  
Response: 183052662  
Conc: 50.54 ng/ml



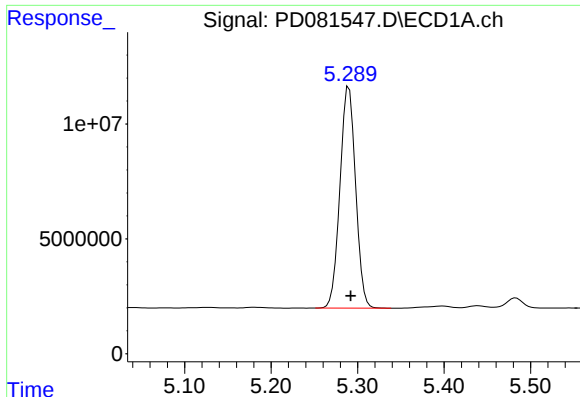
#4 Heptachlor

R.T.: 4.947 min  
Delta R.T.: -0.002 min  
Response: 124634690  
Conc: 50.82 ng/ml



#4 Heptachlor

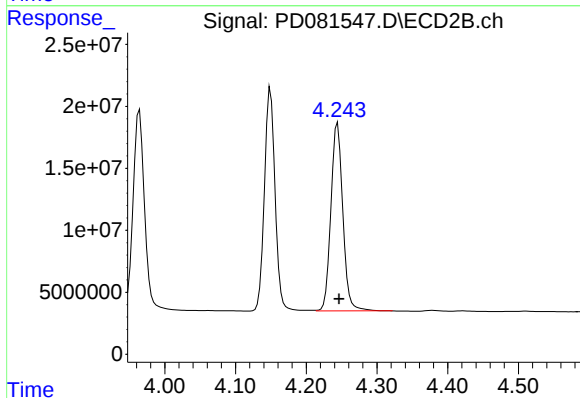
R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 182057889  
Conc: 51.32 ng/ml



#5 Aldrin

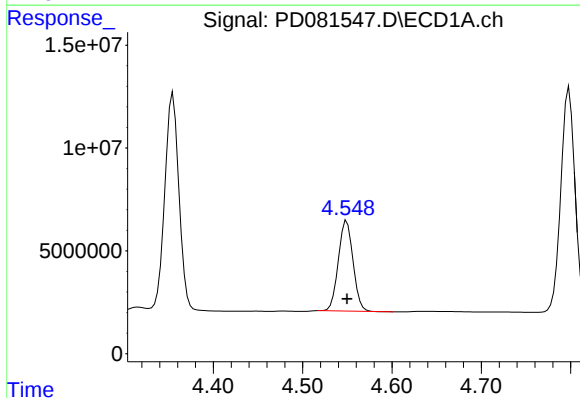
R.T.: 5.290 min  
Delta R.T.: -0.002 min  
Response: 120351113  
Conc: 50.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



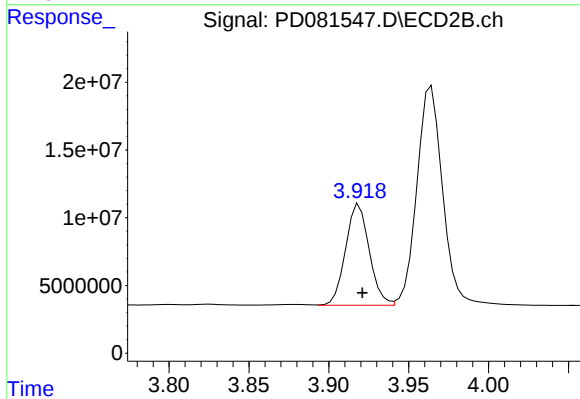
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: -0.002 min  
Response: 177345053  
Conc: 52.36 ng/ml



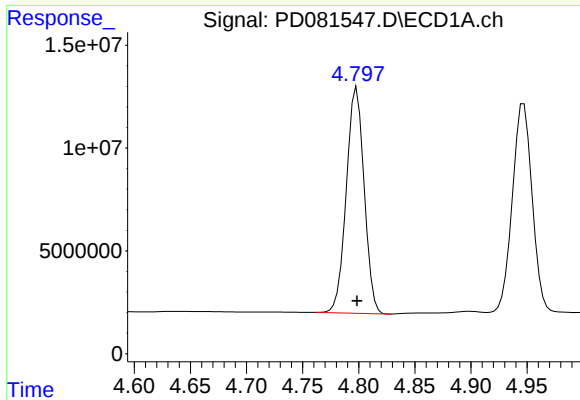
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 50085993  
Conc: 48.20 ng/ml



#6 beta-BHC

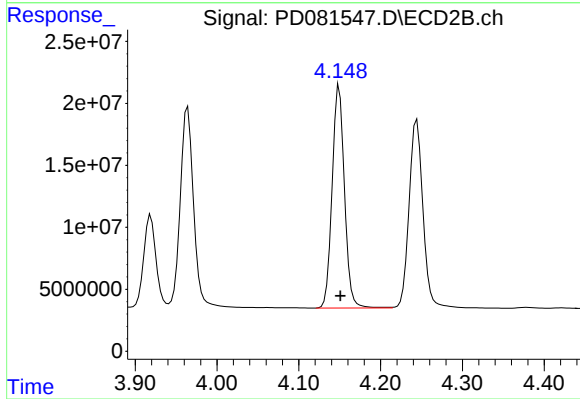
R.T.: 3.919 min  
Delta R.T.: -0.002 min  
Response: 76948759  
Conc: 45.54 ng/ml



#7 delta-BHC

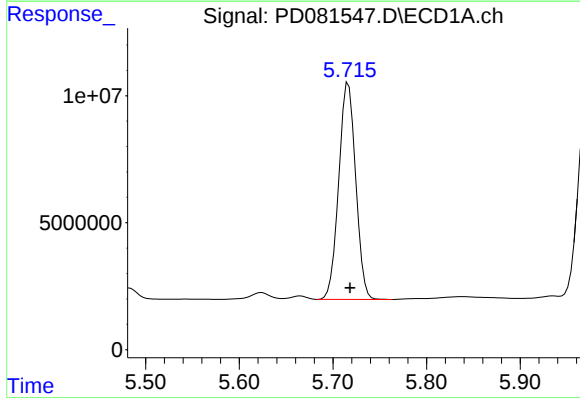
R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 121528984  
Conc: 51.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



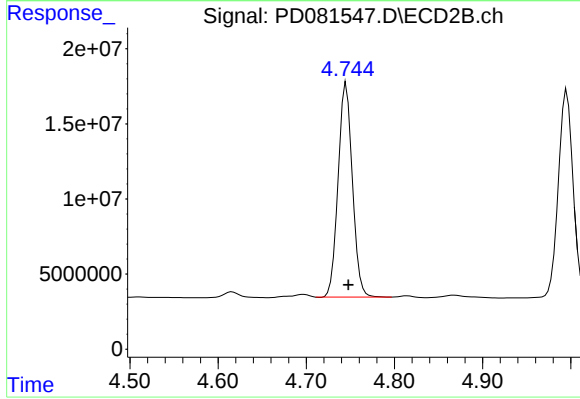
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.002 min  
Response: 188515634  
Conc: 50.34 ng/ml



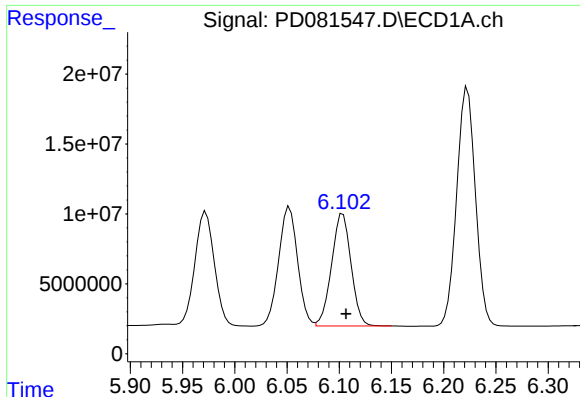
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: -0.002 min  
Response: 107450396  
Conc: 47.44 ng/ml



#8 Heptachlor epoxide

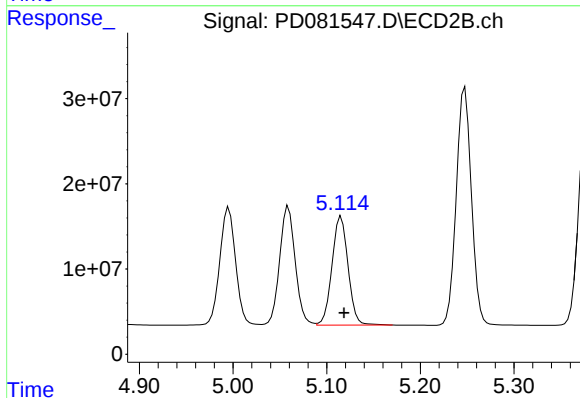
R.T.: 4.745 min  
Delta R.T.: -0.003 min  
Response: 160216677  
Conc: 49.94 ng/ml



#9 Endosulfan I

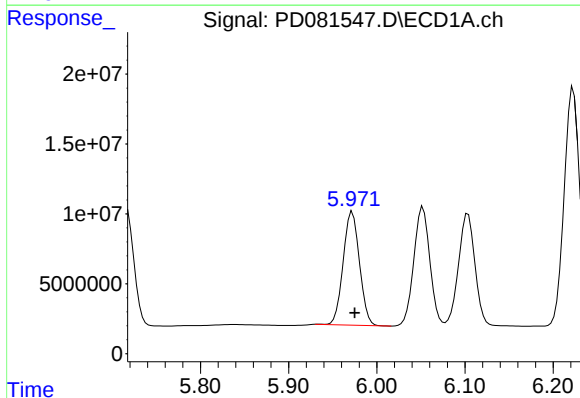
R.T.: 6.104 min  
Delta R.T.: -0.003 min  
Response: 104002879  
Conc: 49.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



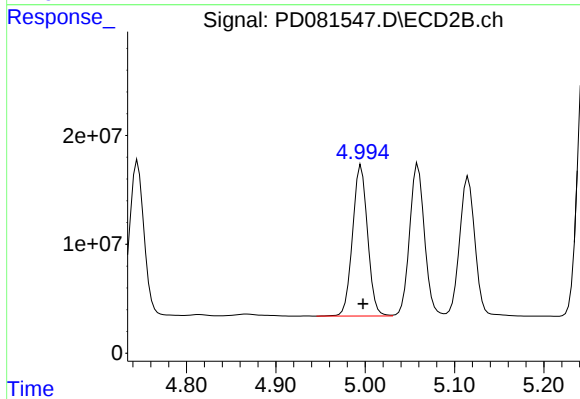
#9 Endosulfan I

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 152272538  
Conc: 50.86 ng/ml



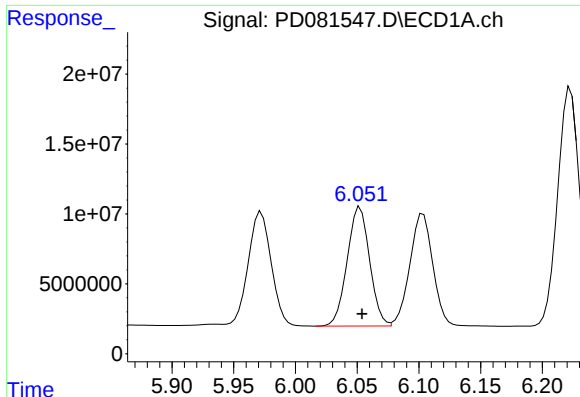
#10 trans-Chlordane

R.T.: 5.972 min  
Delta R.T.: -0.003 min  
Response: 104307080  
Conc: 47.64 ng/ml



#10 trans-Chlordane

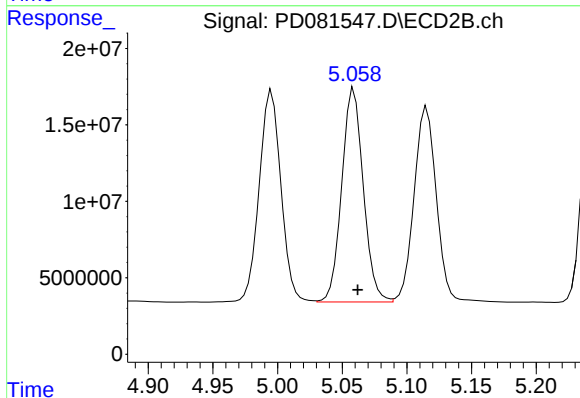
R.T.: 4.995 min  
Delta R.T.: -0.002 min  
Response: 162172574  
Conc: 51.97 ng/ml



#11 cis-Chlordane

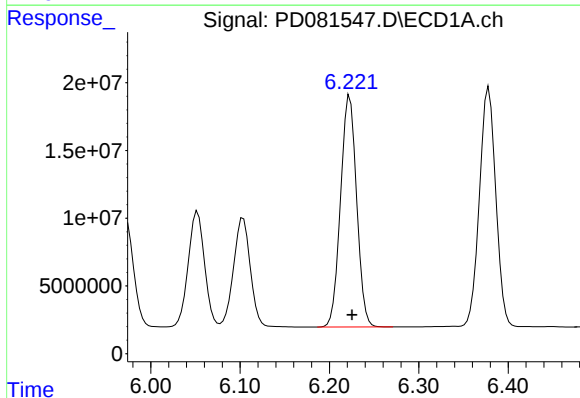
R.T.: 6.052 min  
Delta R.T.: -0.002 min  
Response: 108022942  
Conc: 47.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



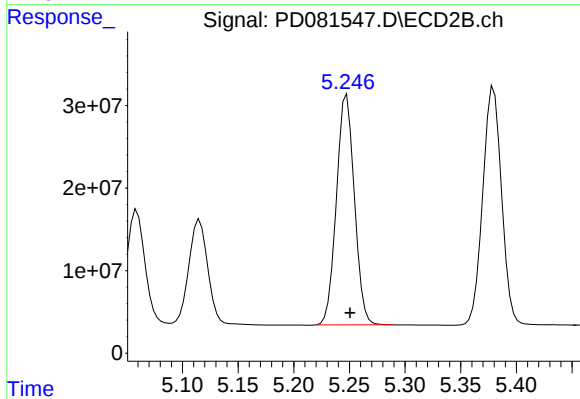
#11 cis-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 161859907  
Conc: 50.53 ng/ml



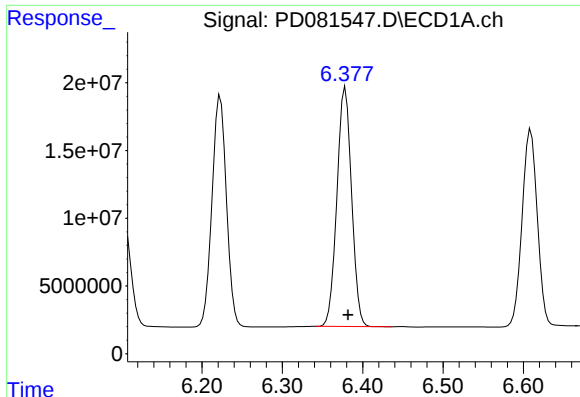
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: -0.002 min  
Response: 213506664  
Conc: 99.46 ng/ml



#12 4,4'-DDE

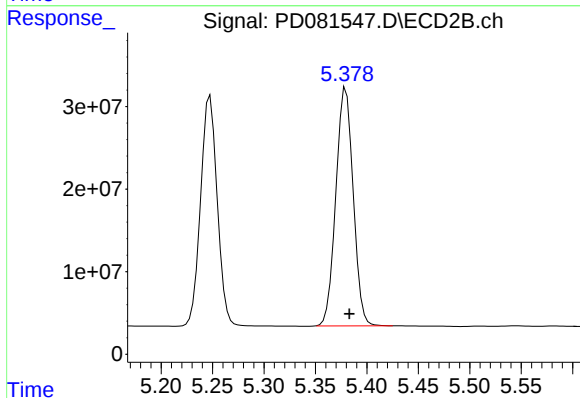
R.T.: 5.248 min  
Delta R.T.: -0.003 min  
Response: 313368877  
Conc: 105.97 ng/ml



#13 Dieldrin

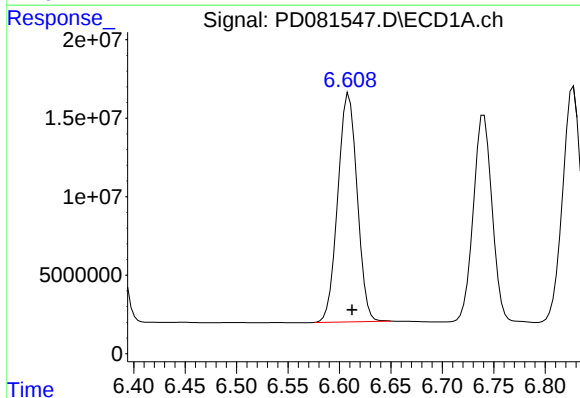
R.T.: 6.378 min  
Delta R.T.: -0.003 min  
Response: 22400520  
Conc: 100.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



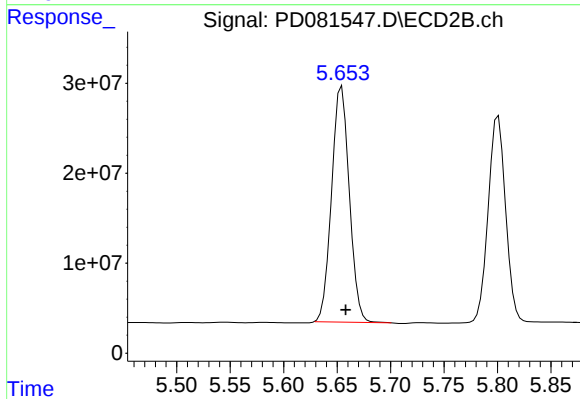
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 338294346  
Conc: 103.00 ng/ml



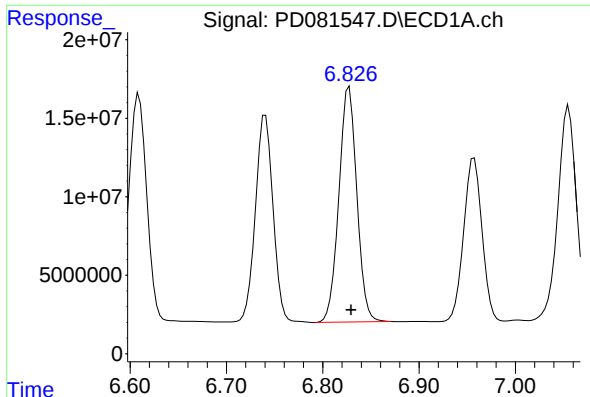
#14 Endrin

R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 190639356  
Conc: 101.58 ng/ml



#14 Endrin

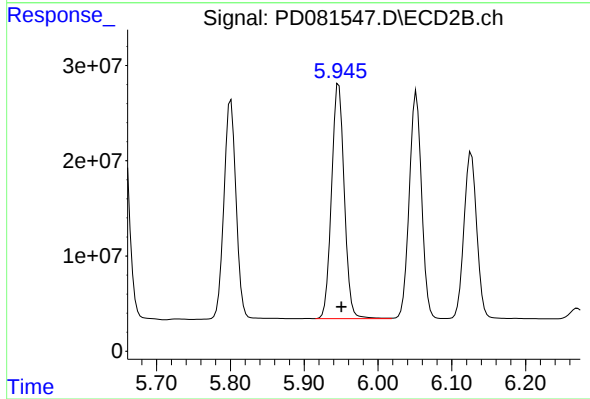
R.T.: 5.654 min  
Delta R.T.: -0.004 min  
Response: 302151937  
Conc: 105.17 ng/ml



#15 Endosulfan II

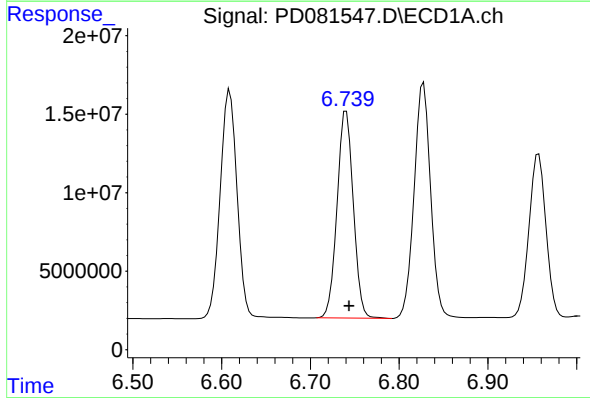
R.T.: 6.828 min  
Delta R.T.: -0.002 min  
Response: 193512688  
Conc: 100.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



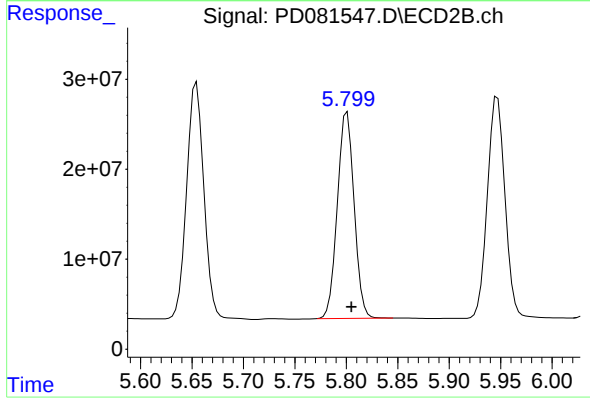
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 295403137  
Conc: 104.66 ng/ml



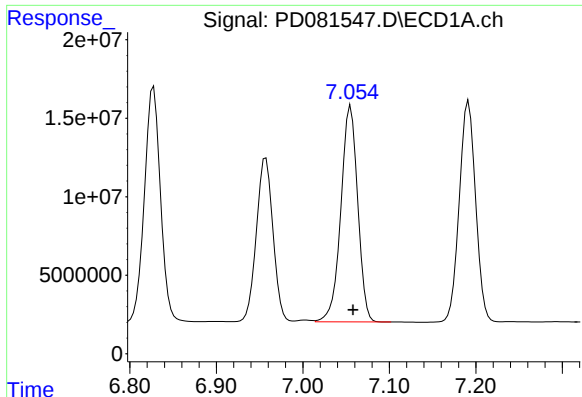
#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.003 min  
Response: 167820519  
Conc: 101.04 ng/ml



#16 4,4'-DDD

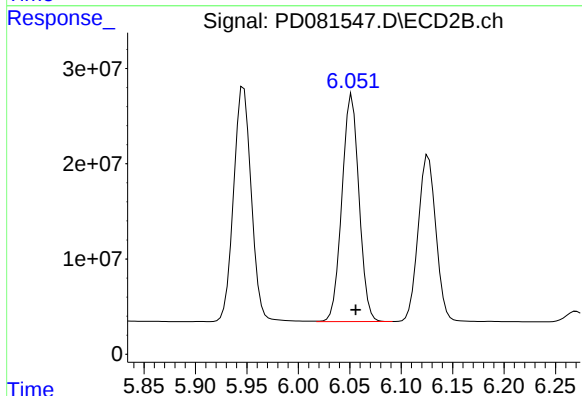
R.T.: 5.801 min  
Delta R.T.: -0.004 min  
Response: 260396808  
Conc: 103.32 ng/ml



#17 4,4'-DDT

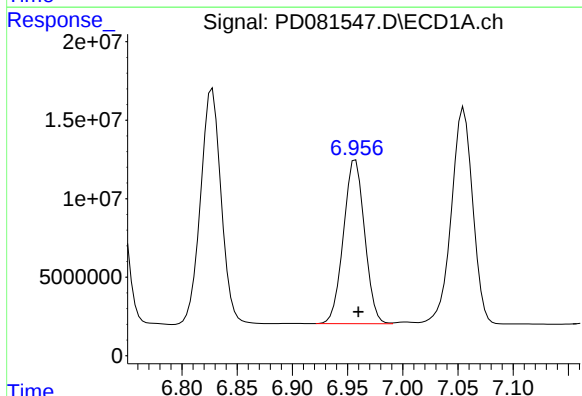
R.T.: 7.055 min  
Delta R.T.: -0.003 min  
Response: 185064465  
Conc: 106.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



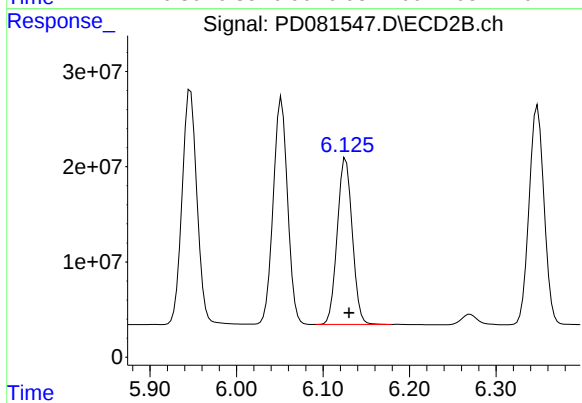
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: -0.004 min  
Response: 275609854  
Conc: 106.73 ng/ml



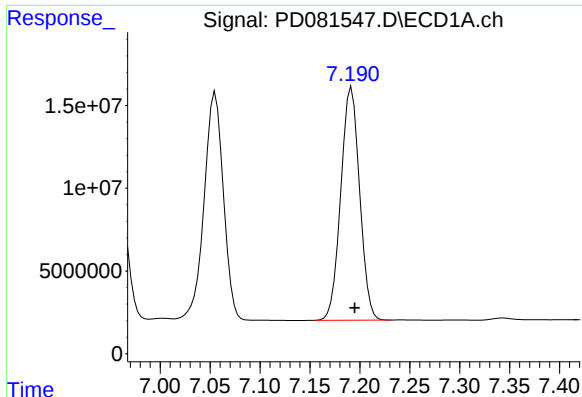
#18 Endrin aldehyde

R.T.: 6.957 min  
Delta R.T.: -0.002 min  
Response: 139140018  
Conc: 93.14 ng/ml



#18 Endrin aldehyde

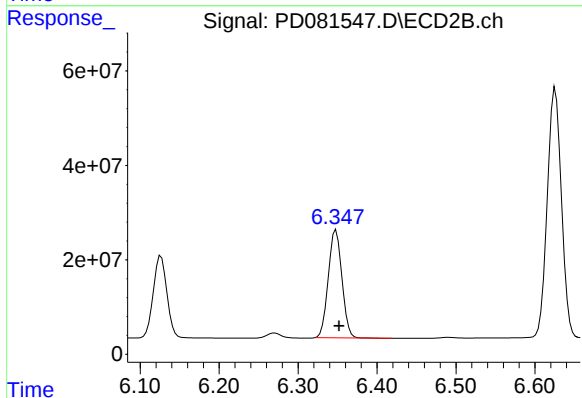
R.T.: 6.126 min  
Delta R.T.: -0.004 min  
Response: 209542089  
Conc: 96.70 ng/ml



#19 Endosulfan Sulfate

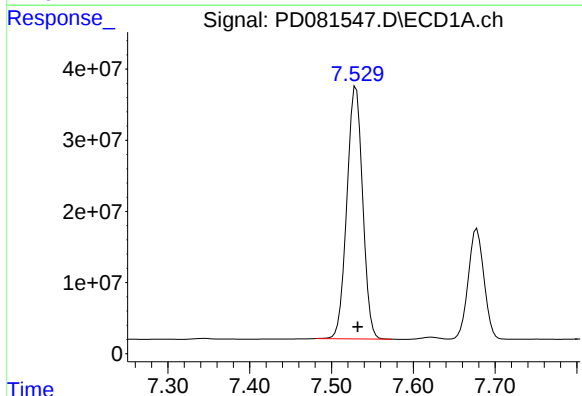
R.T.: 7.192 min  
Delta R.T.: -0.003 min  
Response: 184698579  
Conc: 100.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



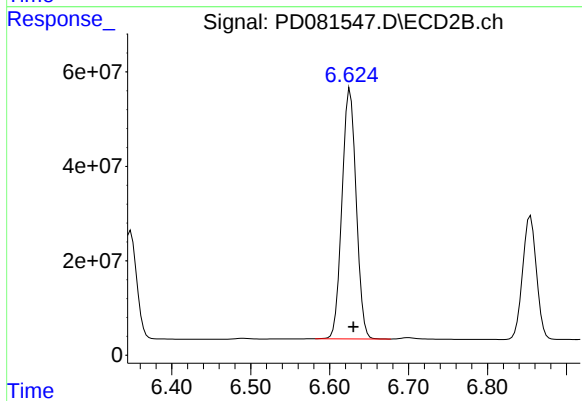
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.004 min  
Response: 274553405  
Conc: 102.34 ng/ml



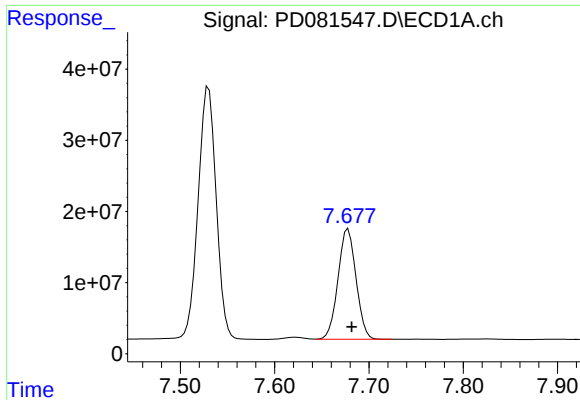
#20 Methoxychlor

R.T.: 7.530 min  
Delta R.T.: -0.002 min  
Response: 472569977  
Conc: 515.19 ng/ml



#20 Methoxychlor

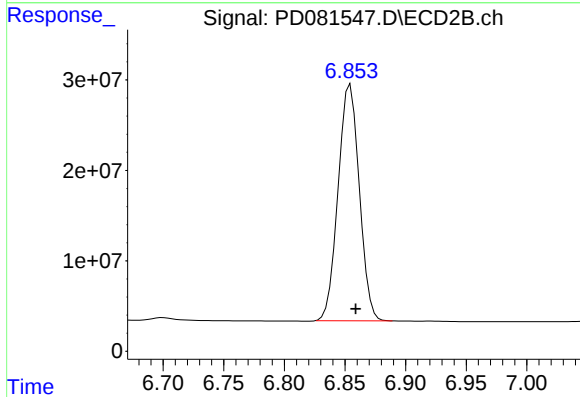
R.T.: 6.626 min  
Delta R.T.: -0.004 min  
Response: 662482360  
Conc: 495.85 ng/ml



#21 Endrin ketone

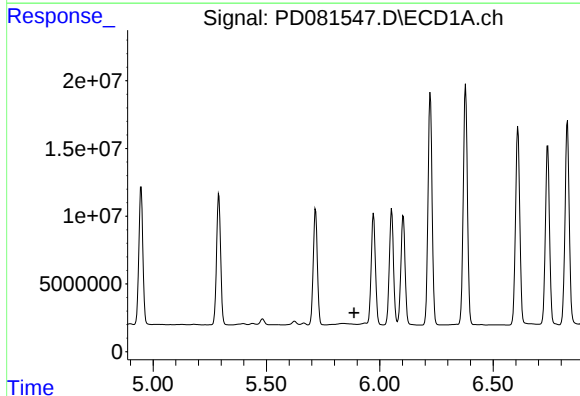
R.T.: 7.678 min  
Delta R.T.: -0.004 min  
Response: 206196697  
Conc: 106.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



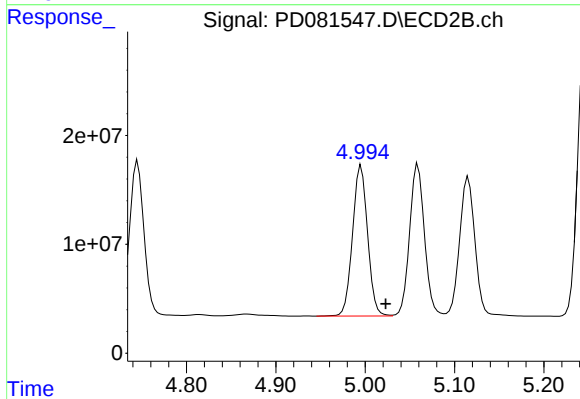
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.004 min  
Response: 318007844  
Conc: 106.05 ng/ml



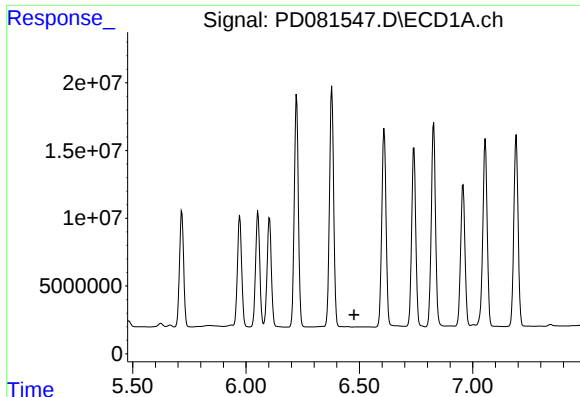
#22 Toxaphene-1

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



#22 Toxaphene-1

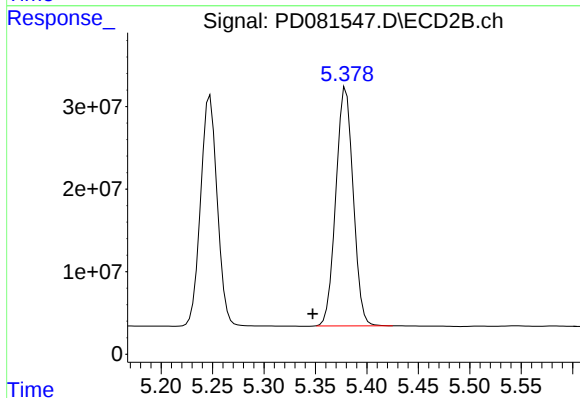
R.T.: 4.995 min  
Delta R.T.: -0.027 min  
Response: 162172574  
Conc: 9905.37 ng/ml



#23 Toxaphene-2

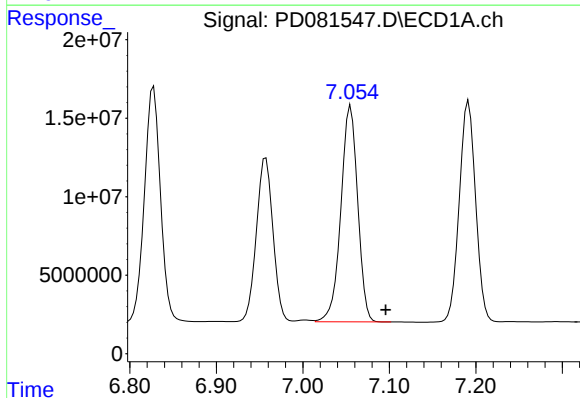
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



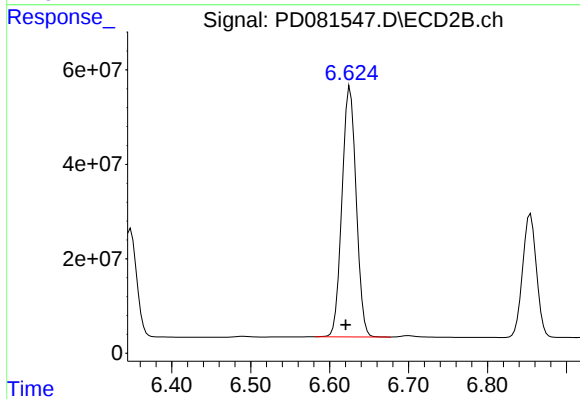
#23 Toxaphene-2

R.T.: 5.380 min  
Delta R.T.: 0.032 min  
Response: 338294346  
Conc: 19849.10 ng/ml



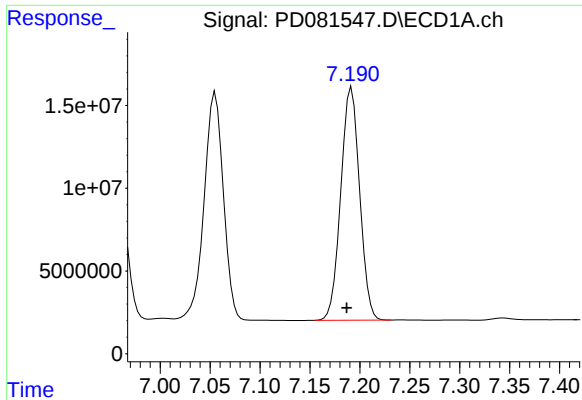
#24 Toxaphene-3

R.T.: 7.055 min  
Delta R.T.: -0.041 min  
Response: 185064465  
Conc: 3499.39 ng/ml



#24 Toxaphene-3

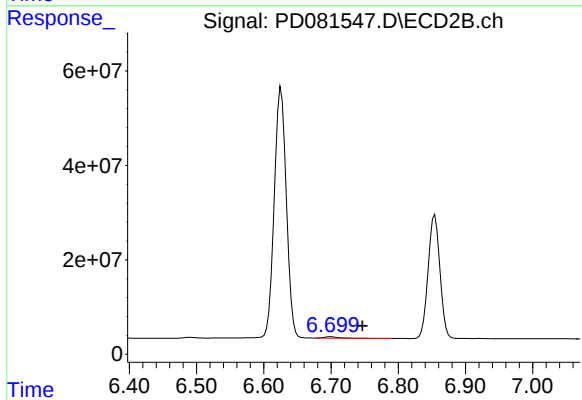
R.T.: 6.626 min  
Delta R.T.: 0.006 min  
Response: 662482360  
Conc: 11318.34 ng/ml



#25 Toxaphene-4

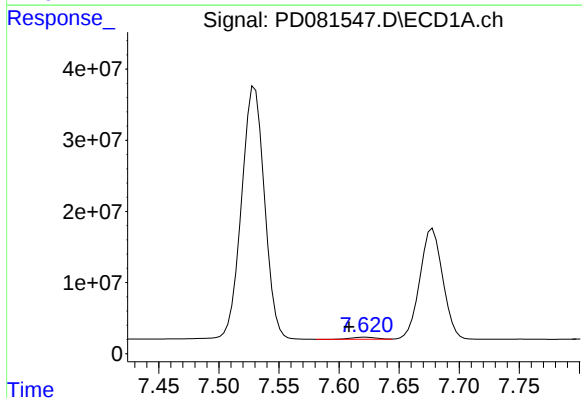
R.T.: 7.192 min  
Delta R.T.: 0.005 min  
Response: 184698579  
Conc: 4669.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



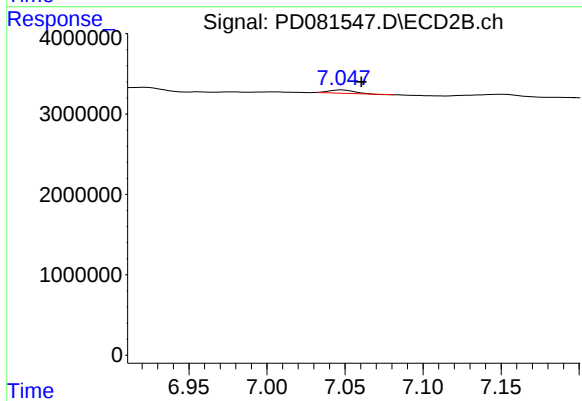
#25 Toxaphene-4

R.T.: 6.700 min  
Delta R.T.: -0.047 min  
Response: 4211047  
Conc: 52.92 ng/ml



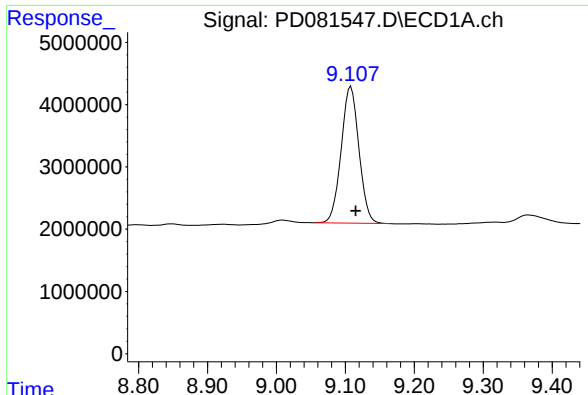
#26 Toxaphene-5

R.T.: 7.622 min  
Delta R.T.: 0.013 min  
Response: 4017625  
Conc: 135.46 ng/ml



#26 Toxaphene-5

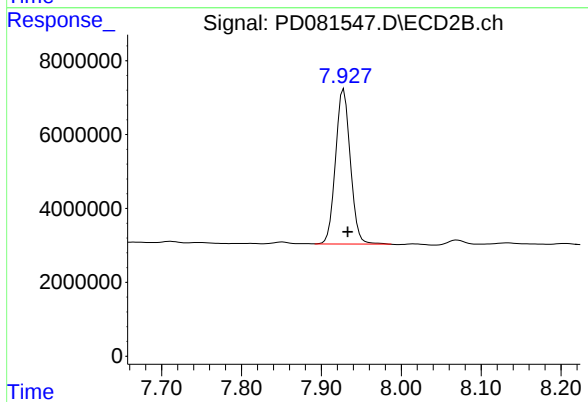
R.T.: 7.048 min  
Delta R.T.: -0.012 min  
Response: 413775  
Conc: 12.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: -0.007 min  
Response: 39248047  
Conc: 20.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R0MS



#27 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.005 min  
Response: 53930013  
Conc: 21.74 ng/ml