

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022624\  
 Data File : PD081647.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Feb 2024 13:42  
 Operator : AR\AJ  
 Sample : P1517-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BH9R9MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 26 21:25:56 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

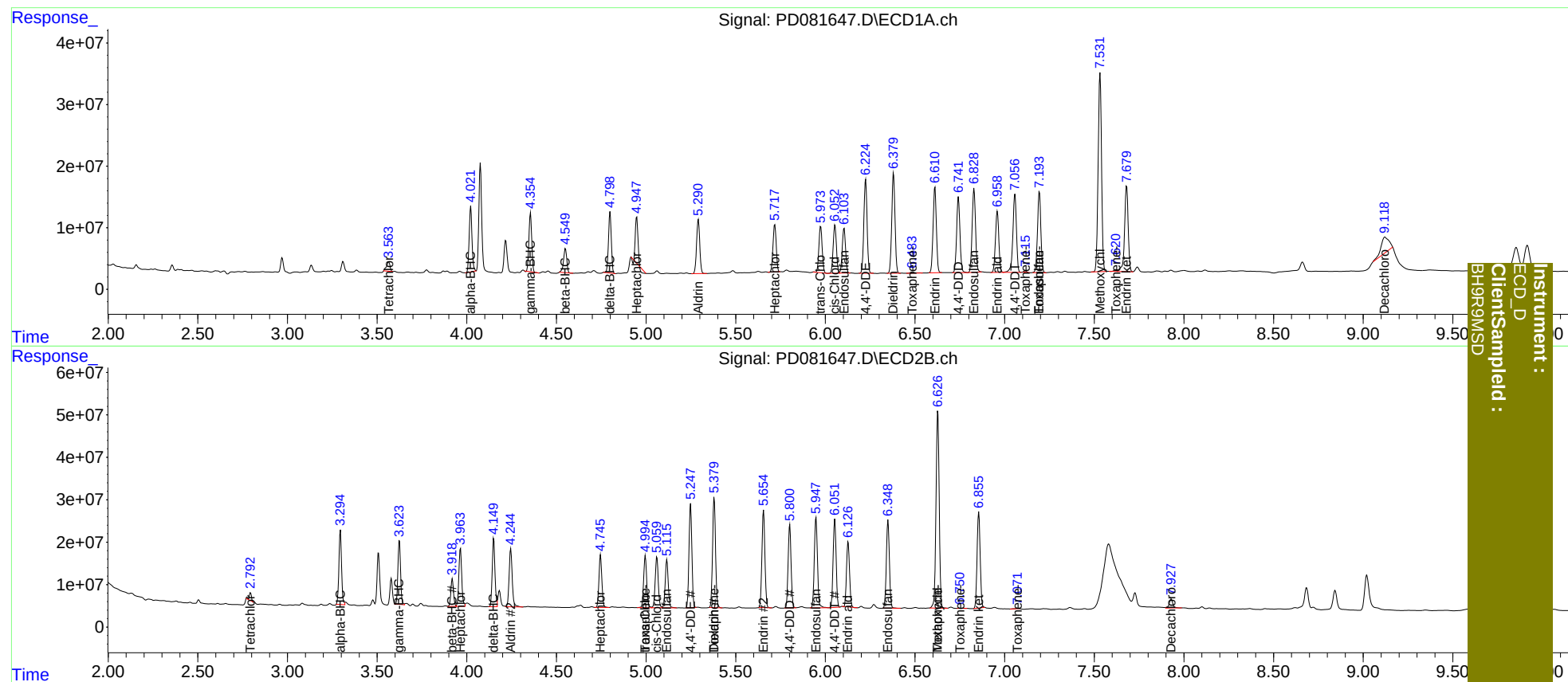
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|-------------|
| -----                       |                 |       |       |          |          |          |             |
| System Monitoring Compounds |                 |       |       |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.565 | 2.794 | 20695367 | 15469656 | 15.138   | 6.310 #     |
| 27)                         | SA Decachlor... | 9.121 | 7.929 | 80068456 | 30305091 | 41.500   | 12.216 #    |
| Target Compounds            |                 |       |       |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.022 | 3.295 | 115.4E6  | 177.9E6  | 49.416   | 46.264      |
| 3)                          | MA gamma-BHC... | 4.355 | 3.624 | 103.4E6  | 152.8E6  | 44.768   | 42.194      |
| 4)                          | MA Heptachlor   | 4.948 | 3.965 | 62047923 | 151.8E6  | 25.300   | 42.806 #    |
| 5)                          | MB Aldrin       | 5.292 | 4.245 | 109.1E6  | 163.8E6  | 46.123   | 48.368      |
| 6)                          | B beta-BHC      | 4.550 | 3.920 | 47906981 | 66705683 | 46.099   | 39.478      |
| 7)                          | B delta-BHC     | 4.799 | 4.150 | 110.0E6  | 168.9E6  | 46.433   | 45.117      |
| 8)                          | B Heptachlo...  | 5.718 | 4.746 | 96064075 | 139.2E6  | 42.415   | 43.372      |
| 9)                          | A Endosulfan I  | 6.105 | 5.116 | 92339140 | 131.0E6  | 43.853   | 43.747      |
| 10)                         | B trans-Chl...  | 5.974 | 4.996 | 95593854 | 144.5E6  | 43.663   | 46.315      |
| 11)                         | B cis-Chlor...  | 6.054 | 5.060 | 97839100 | 141.5E6  | 43.440   | 44.168      |
| 12)                         | B 4,4'-DDE      | 6.225 | 5.248 | 192.4E6  | 271.9E6  | 89.621   | 91.944      |
| 13)                         | MA Dieldrin     | 6.380 | 5.380 | 204.9E6  | 296.2E6  | 92.274   | 90.189      |
| 14)                         | MA Endrin       | 6.611 | 5.656 | 176.5E6  | 264.9E6  | 94.053   | 92.194      |
| 15)                         | B Endosulfa...  | 6.829 | 5.948 | 177.1E6  | 259.7E6  | 91.747   | 92.023      |
| 16)                         | A 4,4'-DDD      | 6.742 | 5.802 | 158.1E6  | 225.1E6  | 95.188   | 89.321      |
| 17)                         | MA 4,4'-DDT     | 7.058 | 6.053 | 175.8E6  | 240.9E6  | 101.185  | 93.295      |
| 18)                         | B Endrin al...  | 6.959 | 6.127 | 128.6E6  | 177.9E6  | 86.090   | 82.094      |
| 19)                         | B Endosulfa...  | 7.194 | 6.350 | 168.4E6  | 244.5E6  | 92.003   | 91.148      |
| 20)                         | A Methoxychlor  | 7.532 | 6.627 | 422.7E6  | 572.9E6  | 460.774  | 428.827     |
| 21)                         | B Endrin ke...  | 7.681 | 6.856 | 194.6E6  | 270.0E6  | 100.658  | 90.047      |
| 22)                         | Toxaphene-1     | 0.000 | 4.996 | 0        | 144.5E6  | N.D.     | 8827.686    |
| 23)                         | Toxaphene-2     | 6.485 | 5.380 | 3218199  | 296.2E6  | 169.757  | 17380.744 # |
| 24)                         | Toxaphene-3     | 7.115 | 6.627 | 2304097  | 572.9E6  | 43.568   | 9788.416 #  |
| 25)                         | Toxaphene-4     | 7.194 | 6.751 | 168.4E6  | 596848   | 4258.206 | 7.500 #     |
| 26)                         | Toxaphene-5     | 7.622 | 7.073 | 3681544  | 1177334  | 124.132  | 36.307 #    |
| -----                       |                 |       |       |          |          |          |             |

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

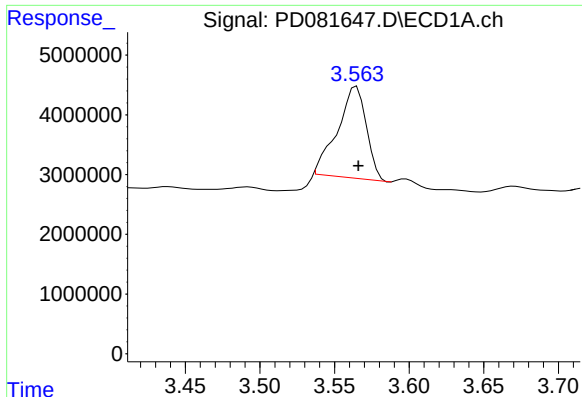
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022624\  
Data File : PD081647.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Feb 2024 13:42  
Operator : AR\AJ  
Sample : P1517-03MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 21:25:56 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



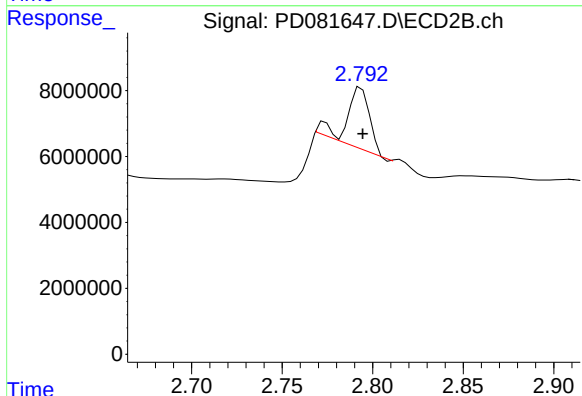
Instrument :  
ECD\_D  
ClientSampled :  
BH9R9MSD



#1 Tetrachloro-m-xylene

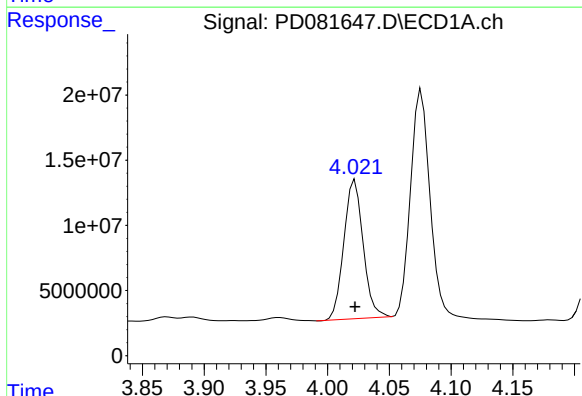
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 20695367  
Conc: 15.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



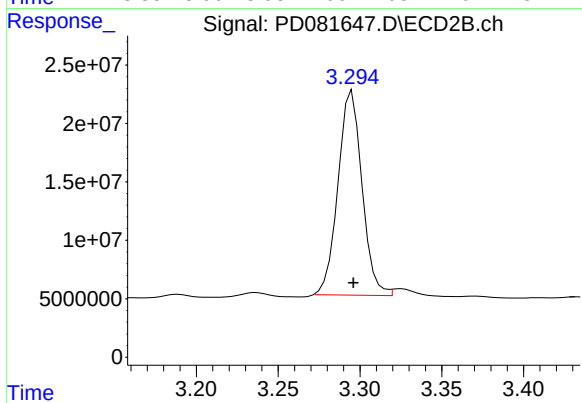
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: 0.000 min  
Response: 15469656  
Conc: 6.31 ng/ml



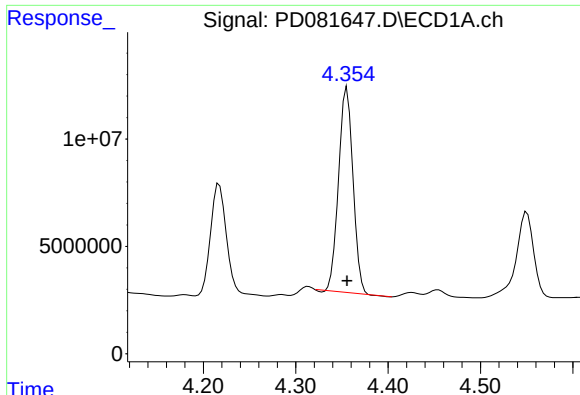
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 115401807  
Conc: 49.42 ng/ml



#2 alpha-BHC

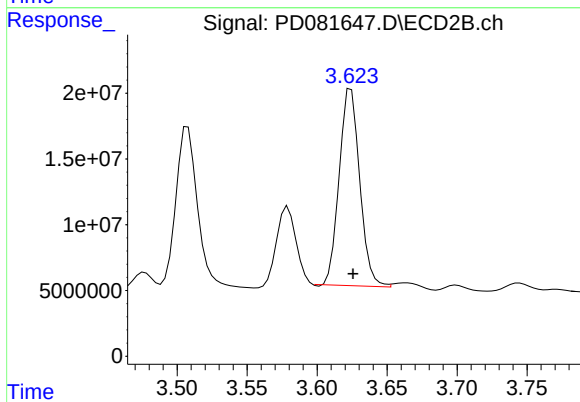
R.T.: 3.295 min  
Delta R.T.: 0.000 min  
Response: 177877496  
Conc: 46.26 ng/ml



#3 gamma-BHC (Lindane)

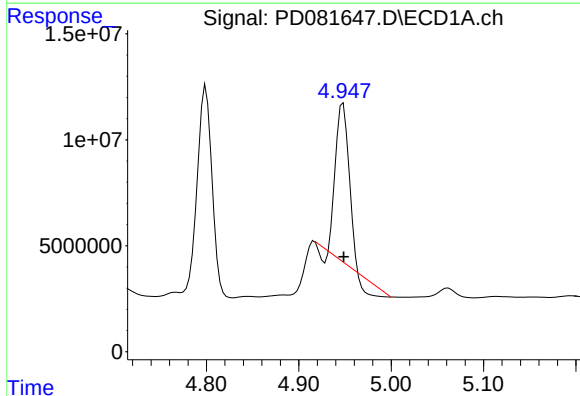
R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 103428963  
Conc: 44.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



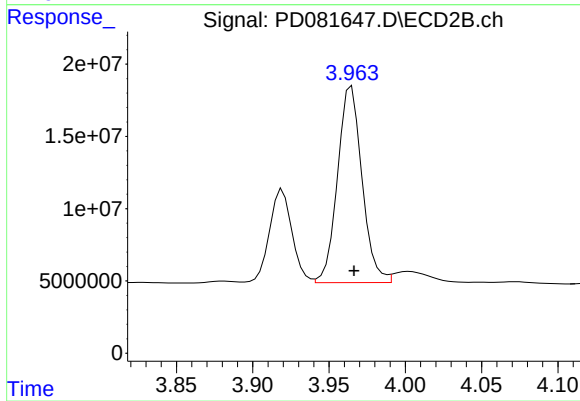
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.001 min  
Response: 152823257  
Conc: 42.19 ng/ml



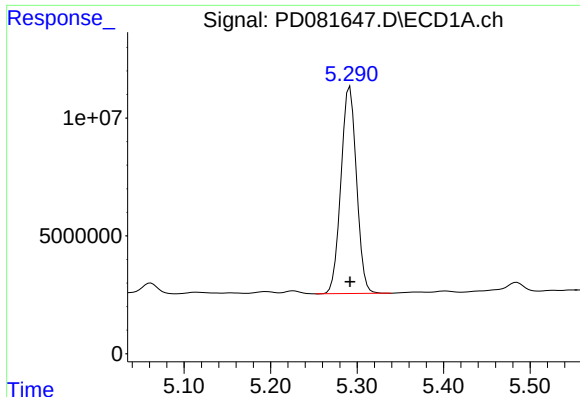
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 62047923  
Conc: 25.30 ng/ml



#4 Heptachlor

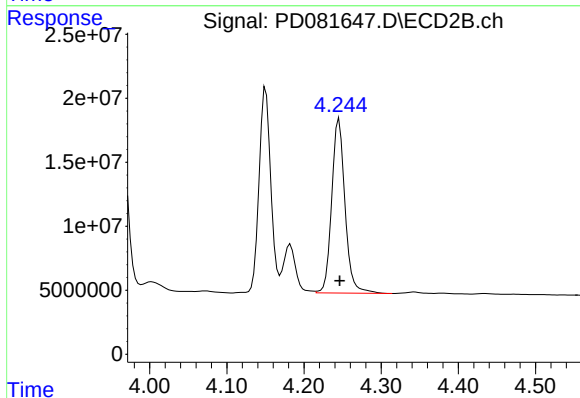
R.T.: 3.965 min  
Delta R.T.: -0.002 min  
Response: 151847014  
Conc: 42.81 ng/ml



#5 Aldrin

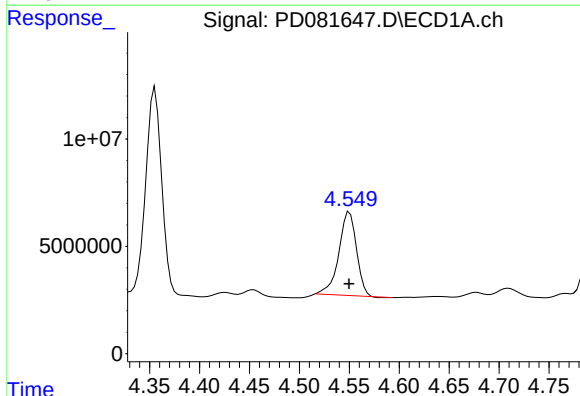
R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 109058802  
Conc: 46.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



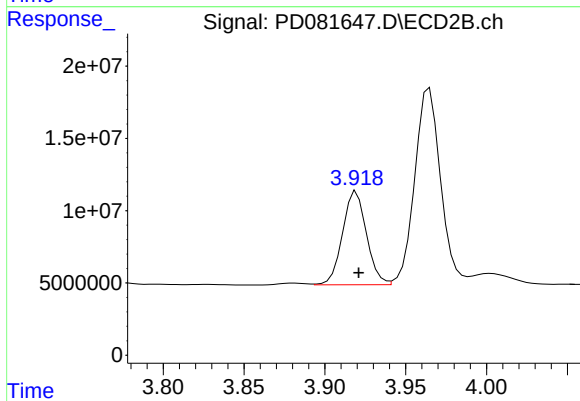
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 163830755  
Conc: 48.37 ng/ml



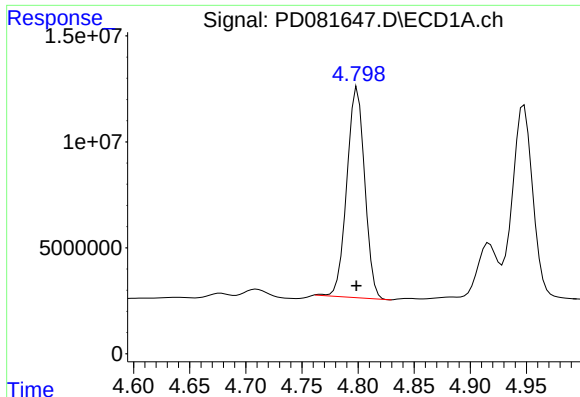
#6 beta-BHC

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 47906981  
Conc: 46.10 ng/ml



#6 beta-BHC

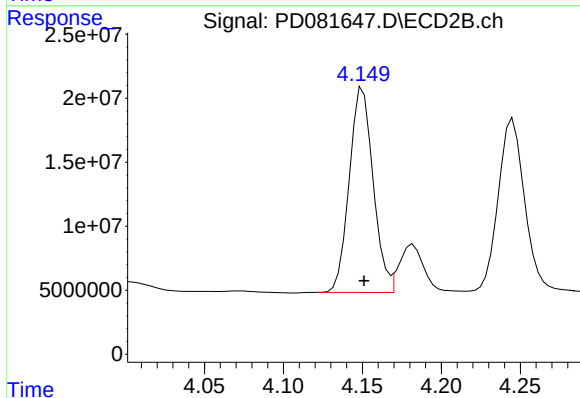
R.T.: 3.920 min  
Delta R.T.: -0.001 min  
Response: 66705683  
Conc: 39.48 ng/ml



#7 delta-BHC

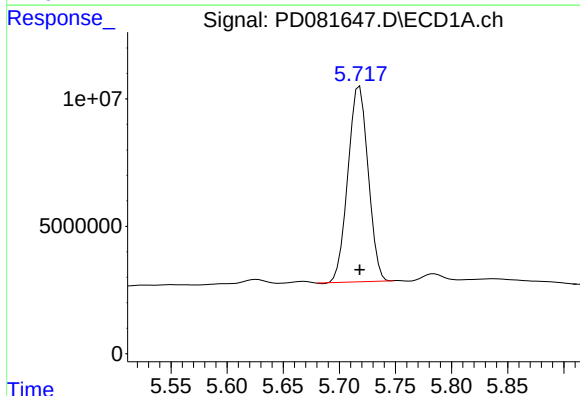
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 109974550  
Conc: 46.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



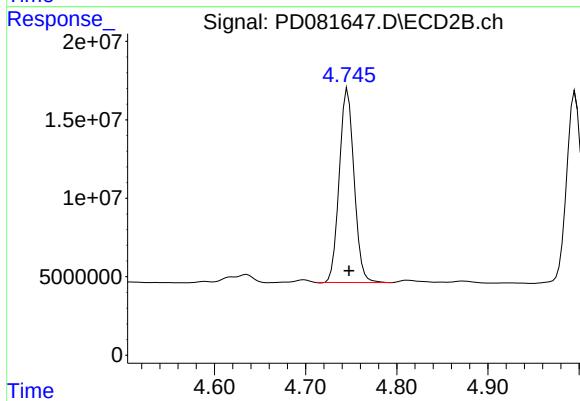
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: 0.000 min  
Response: 168948283  
Conc: 45.12 ng/ml



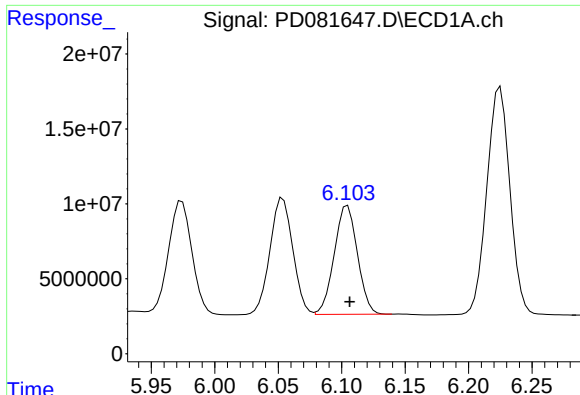
#8 Heptachlor epoxide

R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 96064075  
Conc: 42.42 ng/ml



#8 Heptachlor epoxide

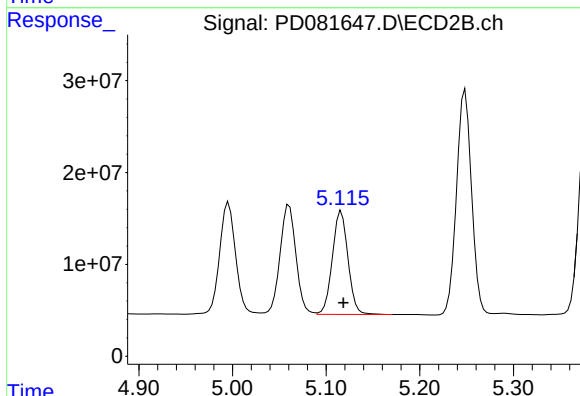
R.T.: 4.746 min  
Delta R.T.: -0.002 min  
Response: 139155198  
Conc: 43.37 ng/ml



#9 Endosulfan I

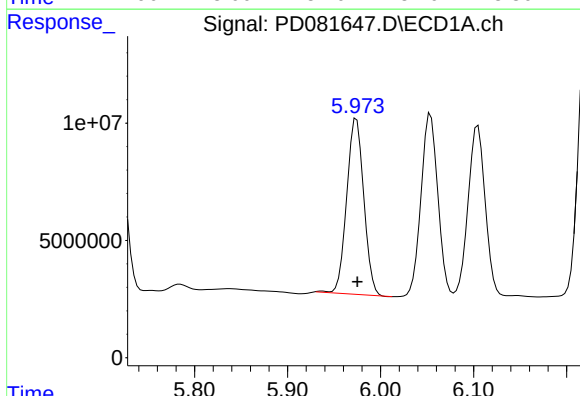
R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 92339140  
Conc: 43.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



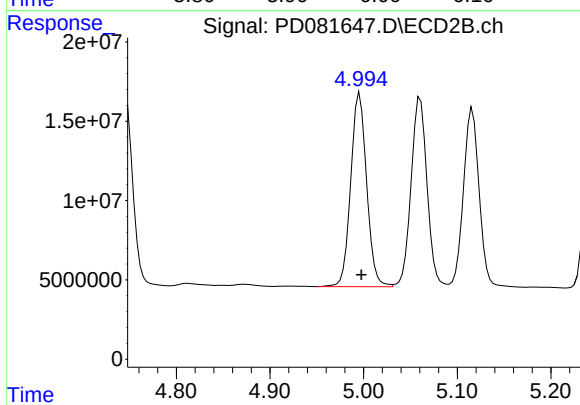
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 130984338  
Conc: 43.75 ng/ml



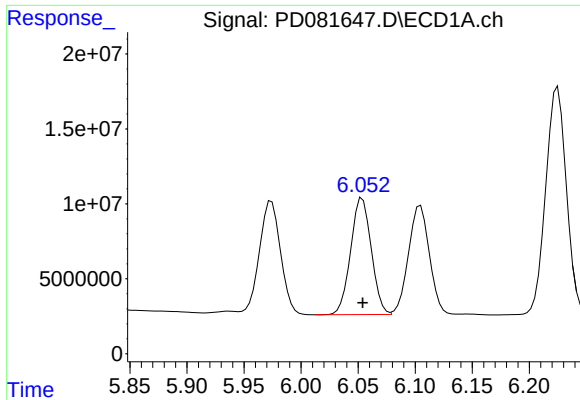
#10 trans-Chlordane

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 95593854  
Conc: 43.66 ng/ml



#10 trans-Chlordane

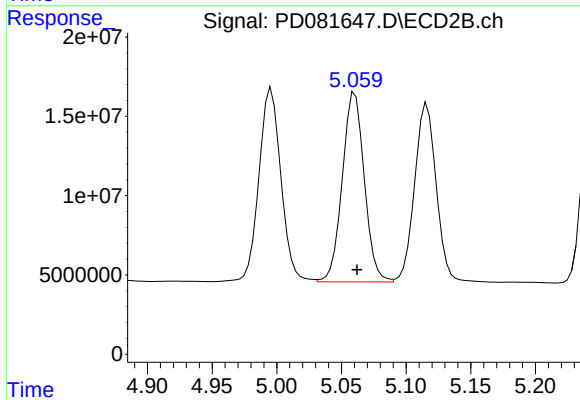
R.T.: 4.996 min  
Delta R.T.: -0.002 min  
Response: 144528535  
Conc: 46.32 ng/ml



#11 cis-Chlordane

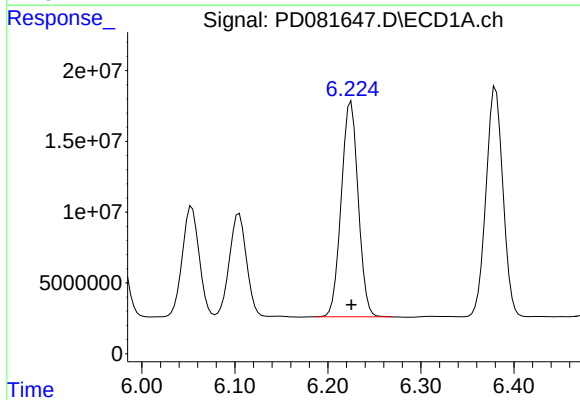
R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 97839100  
Conc: 43.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



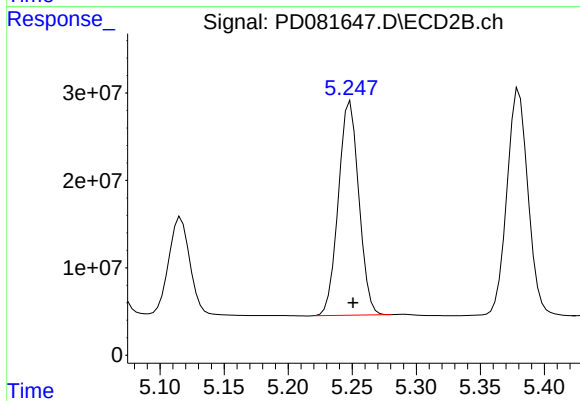
#11 cis-Chlordane

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 141492538  
Conc: 44.17 ng/ml



#12 4,4'-DDE

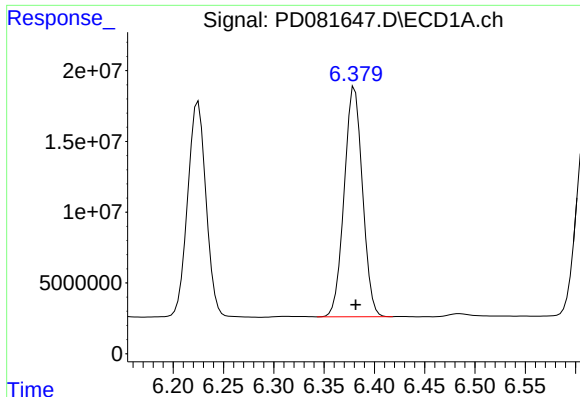
R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 192379589  
Conc: 89.62 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 271884157  
Conc: 91.94 ng/ml

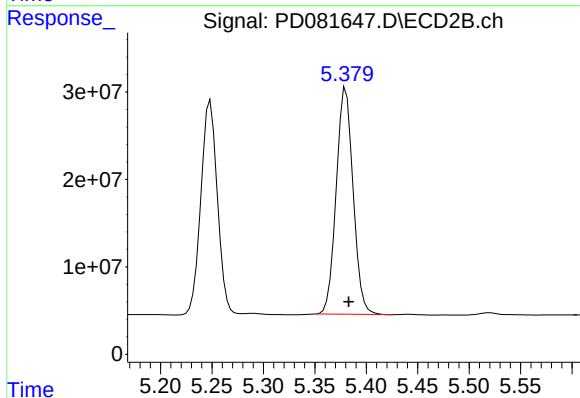




#13 Dieldrin

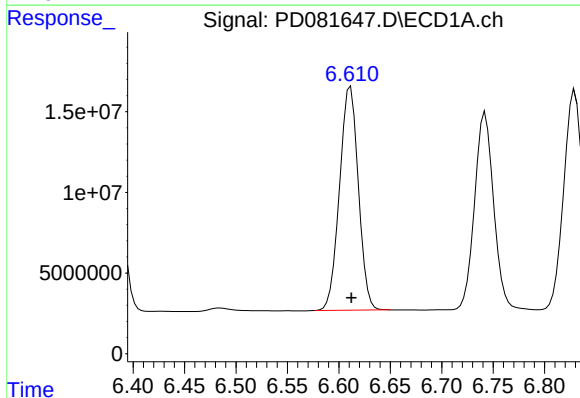
R.T.: 6.380 min  
Delta R.T.: -0.001 min  
Response: 204885434  
Conc: 92.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



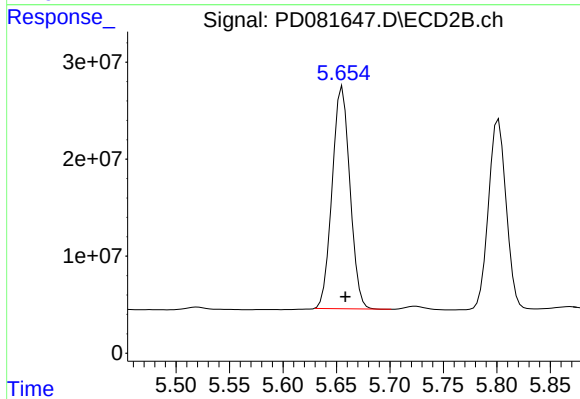
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 296225312  
Conc: 90.19 ng/ml



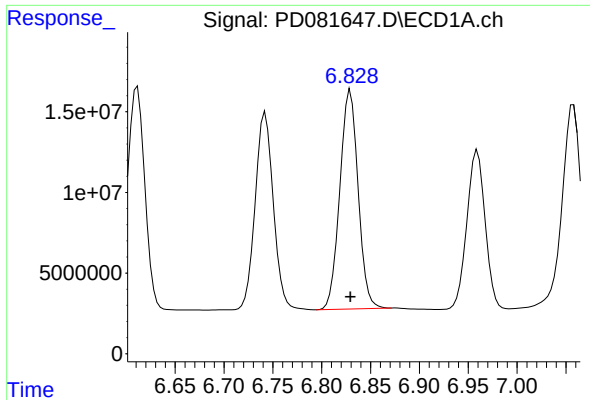
#14 Endrin

R.T.: 6.611 min  
Delta R.T.: 0.000 min  
Response: 176508966  
Conc: 94.05 ng/ml



#14 Endrin

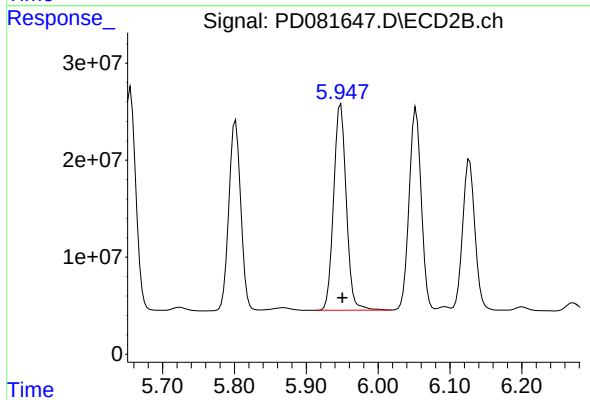
R.T.: 5.656 min  
Delta R.T.: -0.003 min  
Response: 264880311  
Conc: 92.19 ng/ml



#15 Endosulfan II

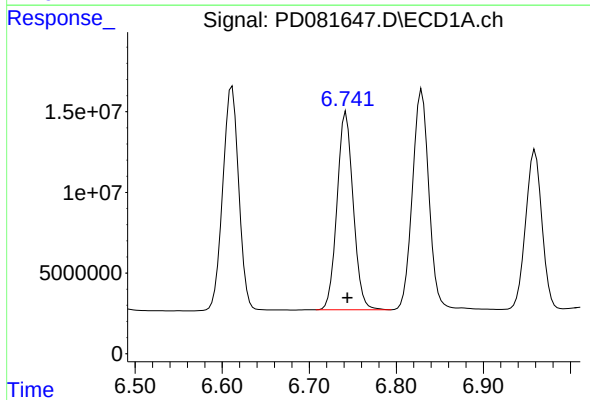
R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 177112978  
Conc: 91.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



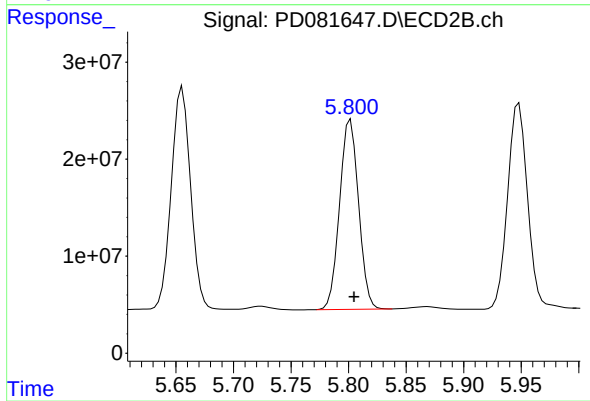
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 259738424  
Conc: 92.02 ng/ml



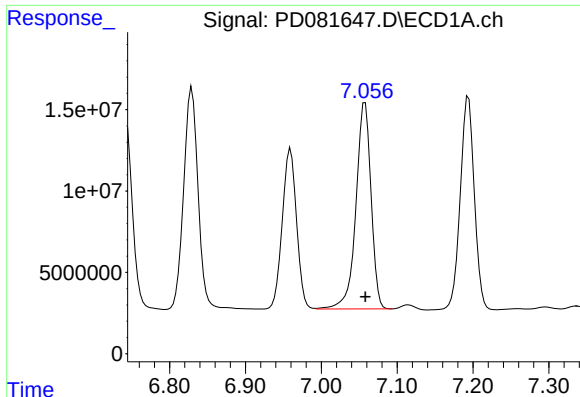
#16 4,4'-DDD

R.T.: 6.742 min  
Delta R.T.: -0.001 min  
Response: 158105162  
Conc: 95.19 ng/ml



#16 4,4'-DDD

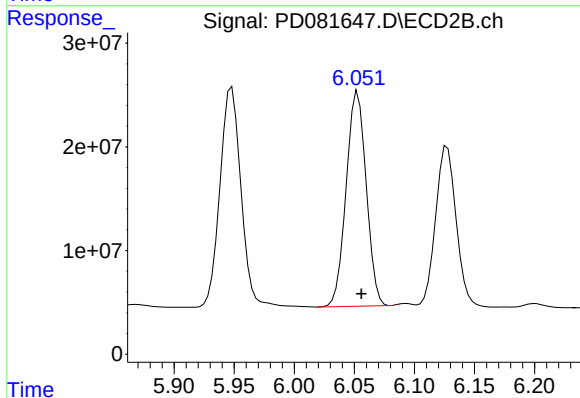
R.T.: 5.802 min  
Delta R.T.: -0.003 min  
Response: 225106870  
Conc: 89.32 ng/ml



#17 4,4'-DDT

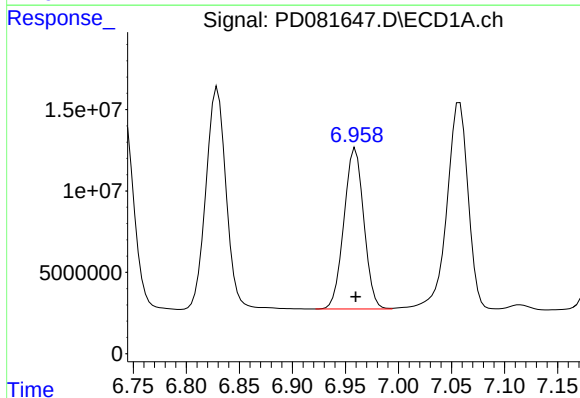
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 175792022  
Conc: 101.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



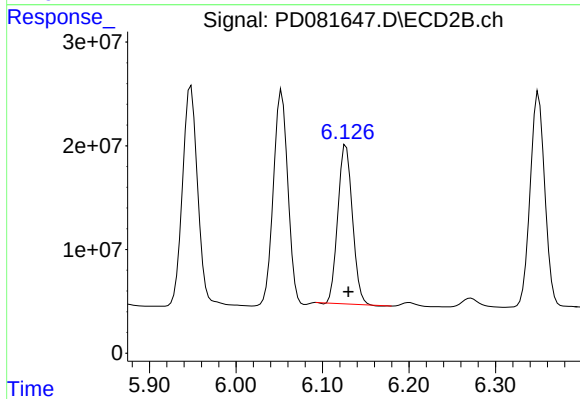
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: -0.003 min  
Response: 240920034  
Conc: 93.30 ng/ml



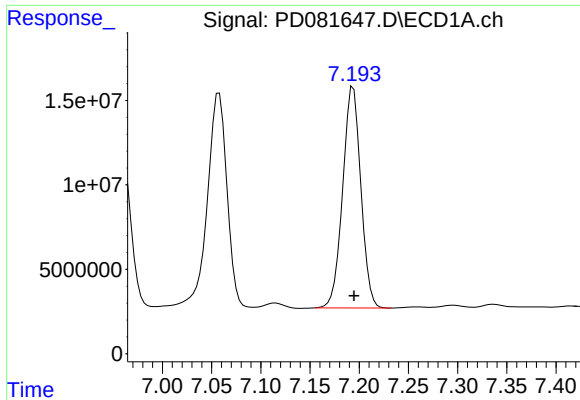
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 128602067  
Conc: 86.09 ng/ml



#18 Endrin aldehyde

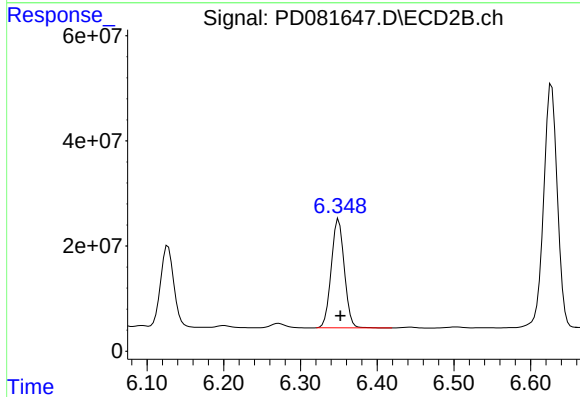
R.T.: 6.127 min  
Delta R.T.: -0.003 min  
Response: 177895834  
Conc: 82.09 ng/ml



#19 Endosulfan Sulfate

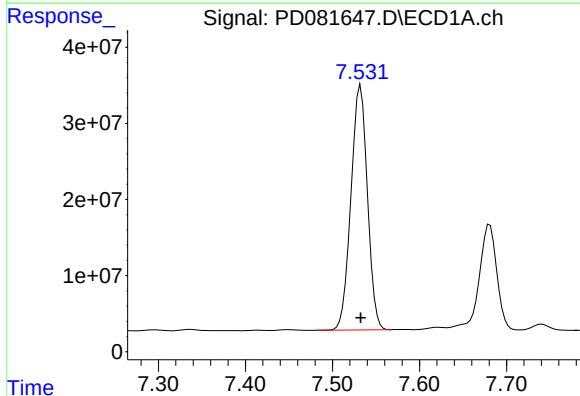
R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 168444226  
Conc: 92.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



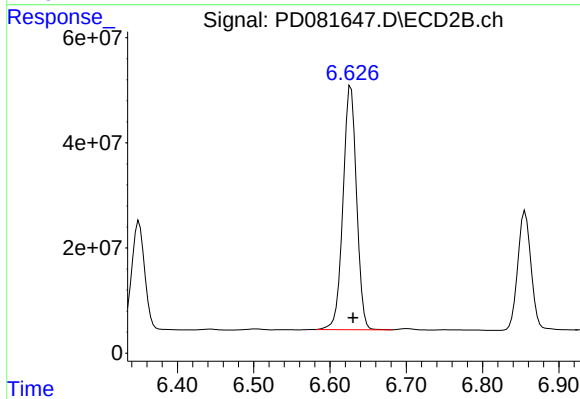
#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 244523438  
Conc: 91.15 ng/ml



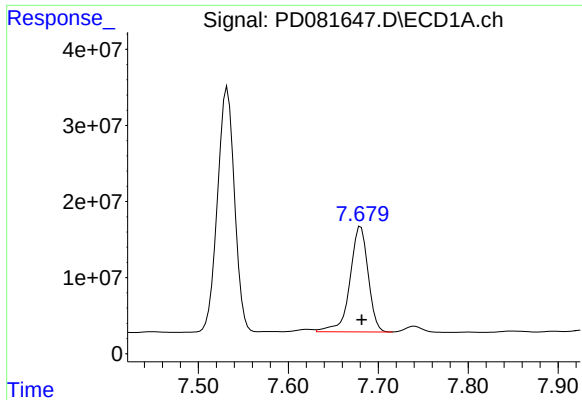
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 422656470  
Conc: 460.77 ng/ml



#20 Methoxychlor

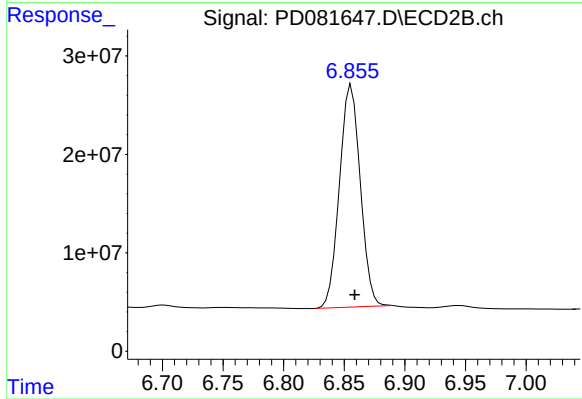
R.T.: 6.627 min  
Delta R.T.: -0.003 min  
Response: 572932997  
Conc: 428.83 ng/ml



#21 Endrin ketone

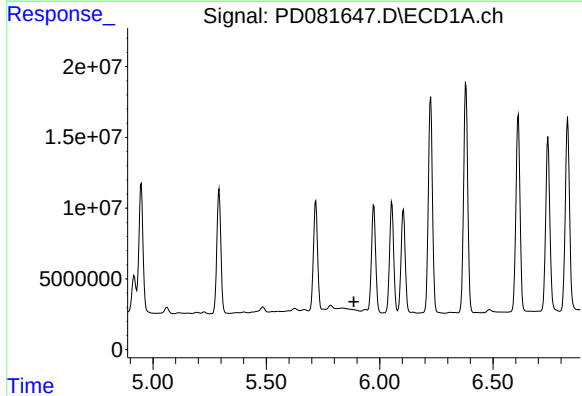
R.T.: 7.681 min  
Delta R.T.: -0.001 min  
Response: 194639877  
Conc: 100.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



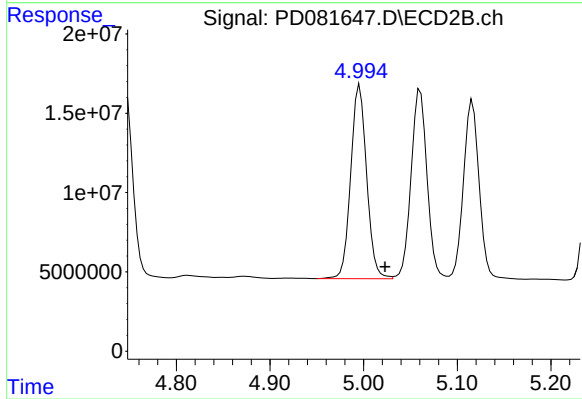
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: 270009122  
Conc: 90.05 ng/ml



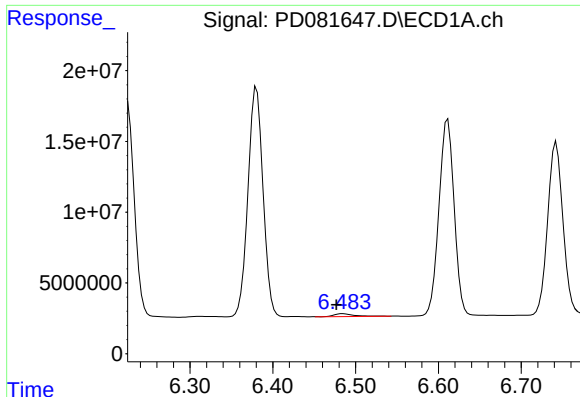
#22 Toxaphene-1

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



#22 Toxaphene-1

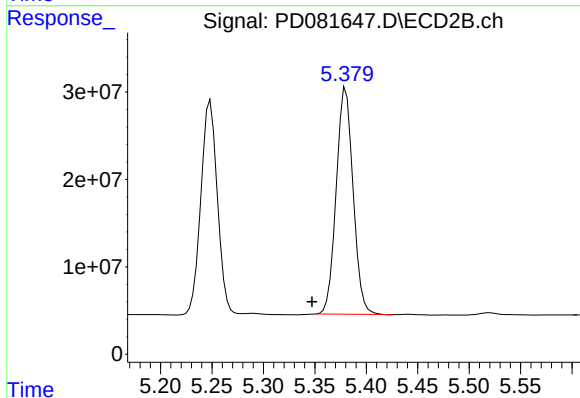
R.T.: 4.996 min  
Delta R.T.: -0.027 min  
Response: 144528535  
Conc: 8827.69 ng/ml



#23 Toxaphene-2

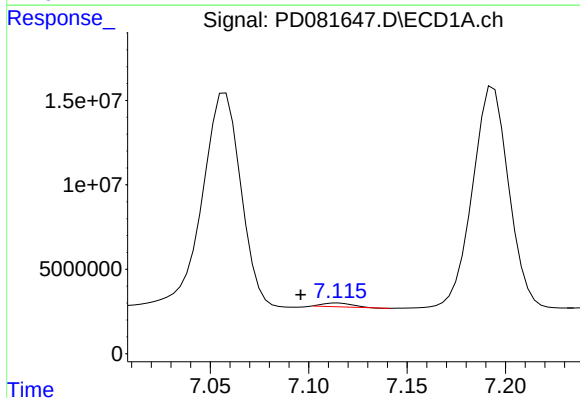
R.T.: 6.485 min  
Delta R.T.: 0.008 min  
Response: 3218199  
Conc: 169.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



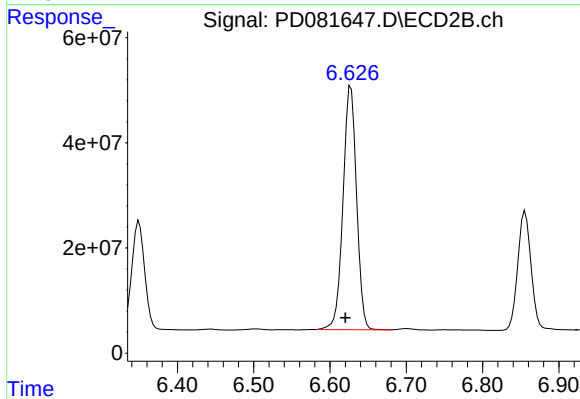
#23 Toxaphene-2

R.T.: 5.380 min  
Delta R.T.: 0.033 min  
Response: 296225312  
Conc: 17380.74 ng/ml



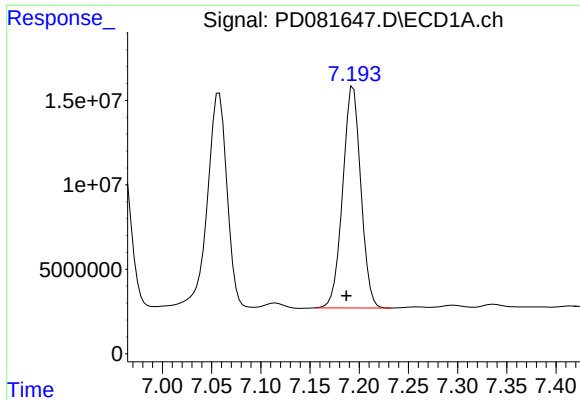
#24 Toxaphene-3

R.T.: 7.115 min  
Delta R.T.: 0.019 min  
Response: 2304097  
Conc: 43.57 ng/ml



#24 Toxaphene-3

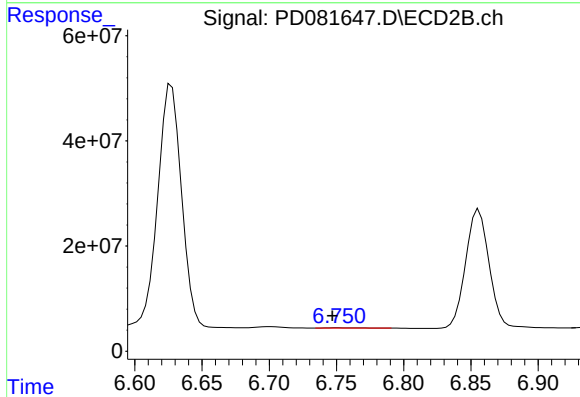
R.T.: 6.627 min  
Delta R.T.: 0.007 min  
Response: 572932997  
Conc: 9788.42 ng/ml



#25 Toxaphene-4

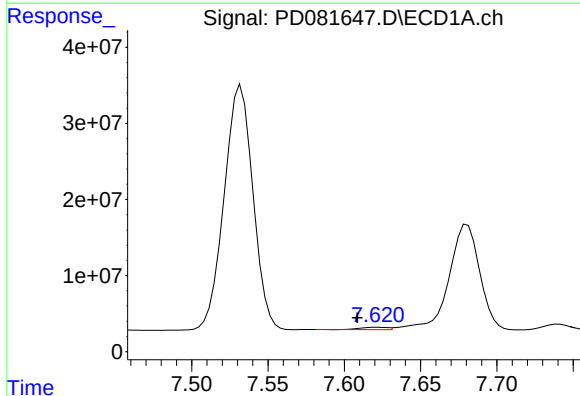
R.T.: 7.194 min  
Delta R.T.: 0.007 min  
Response: 168444226  
Conc: 4258.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



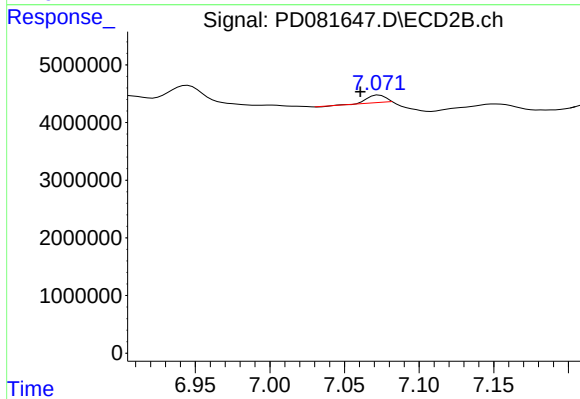
#25 Toxaphene-4

R.T.: 6.751 min  
Delta R.T.: 0.005 min  
Response: 596848  
Conc: 7.50 ng/ml



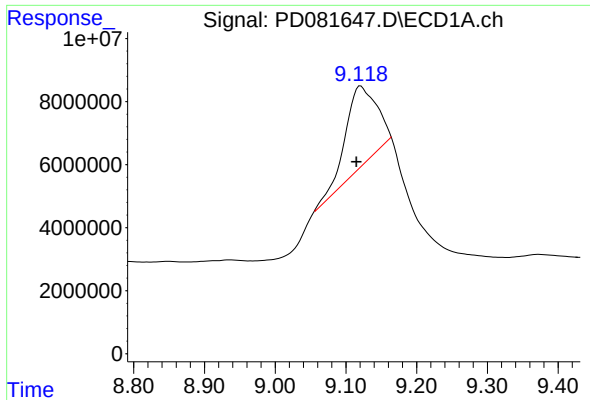
#26 Toxaphene-5

R.T.: 7.622 min  
Delta R.T.: 0.013 min  
Response: 3681544  
Conc: 124.13 ng/ml



#26 Toxaphene-5

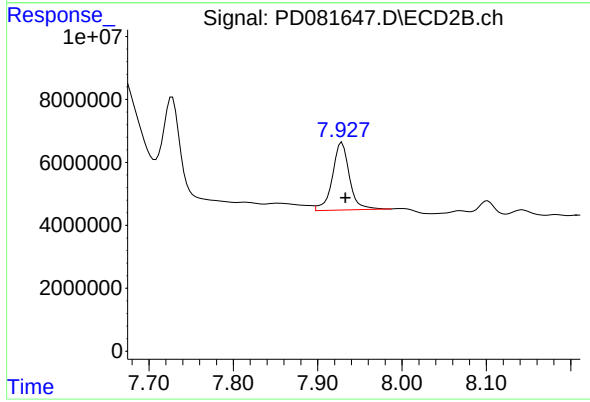
R.T.: 7.073 min  
Delta R.T.: 0.013 min  
Response: 1177334  
Conc: 36.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: 0.006 min  
Response: 80068456  
Conc: 41.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BH9R9MSD



#27 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: -0.004 min  
Response: 30305091  
Conc: 12.22 ng/ml