

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
 Data File : PD064684.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2021 20:24  
 Operator : AR\AJ  
 Sample : M3181-03MSD  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BGEX1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 03:02:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 28 07:07:14 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 5.405  | 4.619  | 8609098  | 80471704 | 7.217     | 8.806       |
| 27)                         | SA Decachlor... | 11.304 | 10.362 | 9771682  | 54678536 | 7.423     | 9.195       |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 5.988  | 5.321  | 90948968 | 709.7E6  | 55.828    | 57.581      |
| 3)                          | MA gamma-BHC... | 6.385  | 5.741  | 84197236 | 611.3E6  | 53.685    | 53.606      |
| 4)                          | MA Heptachlor   | 7.035  | 6.150  | 82797283 | 575.5E6  | 49.267    | 50.758      |
| 5)                          | MB Aldrin       | 7.405  | 6.474  | 78263435 | 556.8E6  | 49.686    | 52.932      |
| 6)                          | B beta-BHC      | 6.644  | 6.116  | 36585768 | 223.0E6  | 46.895    | 36.762      |
| 7)                          | B delta-BHC     | 6.909  | 6.378  | 83189529 | 562.9E6  | 47.806    | 51.817      |
| 8)                          | B Heptachlo...  | 7.874  | 7.047  | 73821183 | 443.9E6  | 42.998    | 47.954      |
| 9)                          | A Endosulfan I  | 8.279  | 7.449  | 64108427 | 381.2E6  | 45.478    | 49.572      |
| 10)                         | B trans-Chl...  | 8.144  | 7.323  | 77950804 | 421.9E6  | 48.644    | 46.516      |
| 11)                         | B cis-Chlor...  | 8.225  | 7.392  | 69455526 | 404.4E6  | 44.577    | 45.456      |
| 12)                         | B 4,4'-DDE      | 8.420  | 7.604  | 141.6E6  | 741.4E6  | 98.230    | 98.266      |
| 13)                         | MA Dieldrin     | 8.569  | 7.734  | 150.6E6  | 723.5E6  | 100.966   | 90.077      |
| 14)                         | MA Endrin       | 8.807  | 8.024  | 125.3E6  | 565.9E6  | 97.832    | 98.506      |
| 15)                         | B Endosulfa...  | 9.044  | 8.333  | 128.3E6  | 554.7E6  | 98.797    | 96.093      |
| 16)                         | A 4,4'-DDD      | 8.961  | 8.187  | 124.2E6  | 559.3E6  | 101.151   | 97.111      |
| 17)                         | MA 4,4'-DDT     | 9.278  | 8.447  | 126.0E6  | 527.7E6  | 96.524    | 95.866      |
| 18)                         | B Endrin al...  | 9.179  | 8.520  | 106.2E6  | 456.6E6  | 93.754    | 92.520      |
| 19)                         | B Endosulfa...  | 9.417  | 8.751  | 126.6E6  | 507.0E6  | 91.891    | 94.054      |
| 20)                         | A Methoxychlor  | 9.770  | 9.040  | 333.3E6  | 1162.9E6 | 465.826   | 454.137     |
| 21)                         | B Endrin ke...  | 9.913  | 9.269  | 149.0E6  | 603.4E6  | 98.458    | 100.591     |
| 22)                         | Toxaphene-1     | 8.420  | 7.734  | 141.6E6  | 723.5E6  | 15172.859 | 19228.385 # |
| 23)                         | Toxaphene-2     | 8.961  | 7.959  | 124.2E6  | 1465523  | 7122.780  | 17.354 #    |
| 24)                         | Toxaphene-3     | 9.179  | 8.333  | 106.2E6  | 554.7E6  | 8762.445  | 4841.183 #  |
| 25)                         | Toxaphene-4     | 9.417  | 8.828  | 126.6E6  | 30273    | 5271.786  | 0.537 #     |
| 26)                         | Toxaphene-5     | 9.862  | 9.115  | 2324198  | 12267874 | 125.885   | 97.586      |
| -----                       |                 |        |        |          |          |           |             |

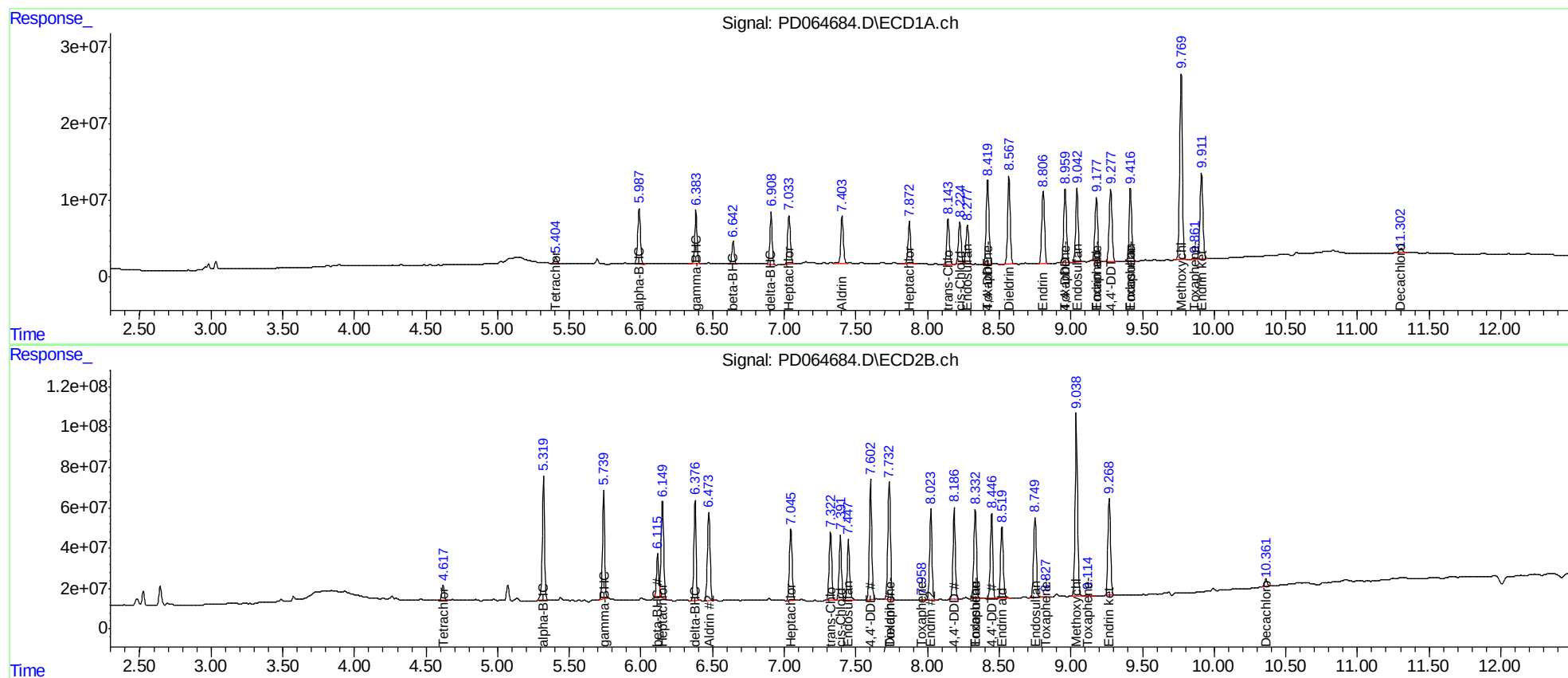
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

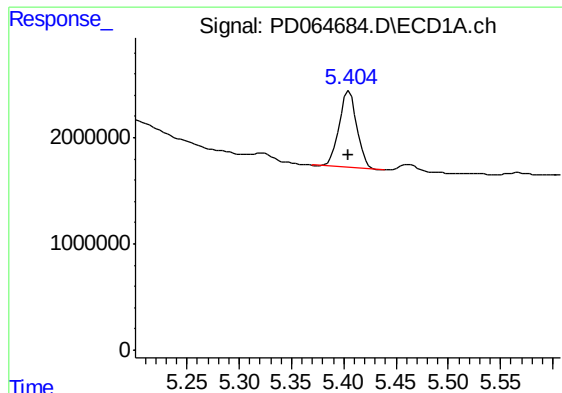
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064684.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 20:24  
Operator : AR\AJ  
Sample : M3181-03MSD  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 03:02:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

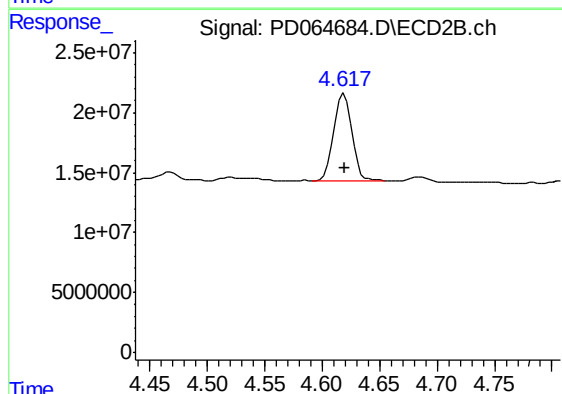




#1 Tetrachloro-m-xylene

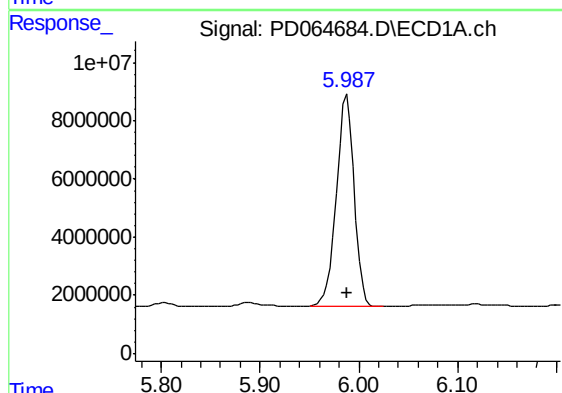
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 8609098  
Conc: 7.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



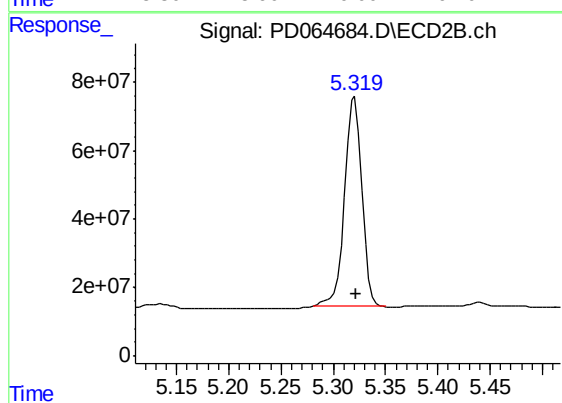
#1 Tetrachloro-m-xylene

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 80471704  
Conc: 8.81 ng/ml



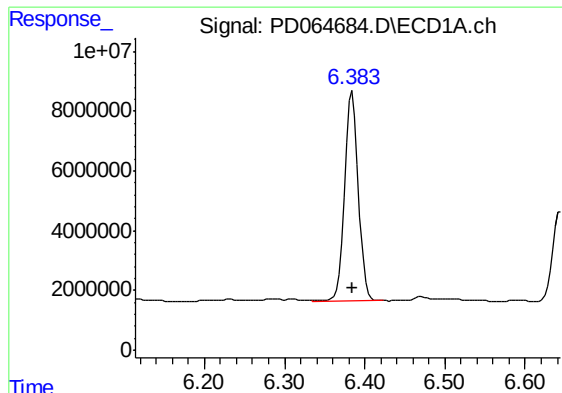
#2 alpha-BHC

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 90948968  
Conc: 55.83 ng/ml



#2 alpha-BHC

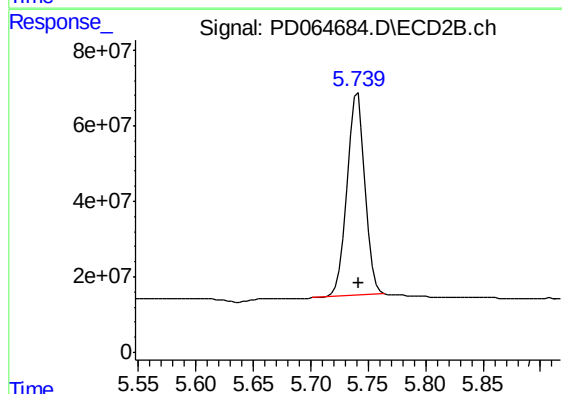
R.T.: 5.321 min  
Delta R.T.: 0.000 min  
Response: 709722603  
Conc: 57.58 ng/ml



#3 gamma-BHC (Lindane)

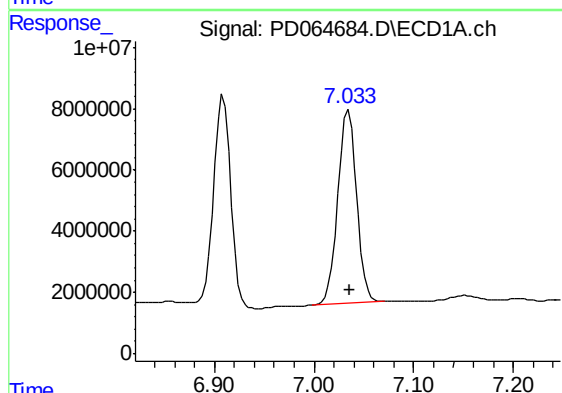
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 84197236  
Conc: 53.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



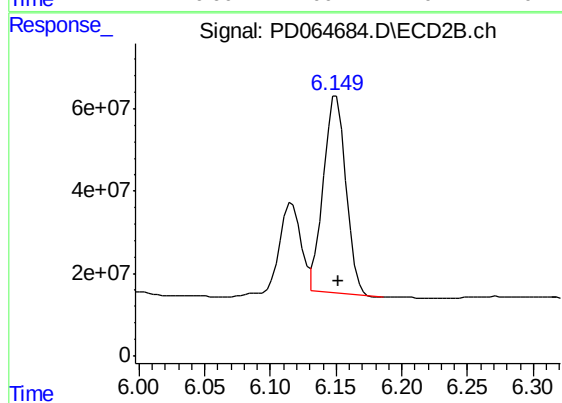
#3 gamma-BHC (Lindane)

R.T.: 5.741 min  
Delta R.T.: -0.001 min  
Response: 611296003  
Conc: 53.61 ng/ml



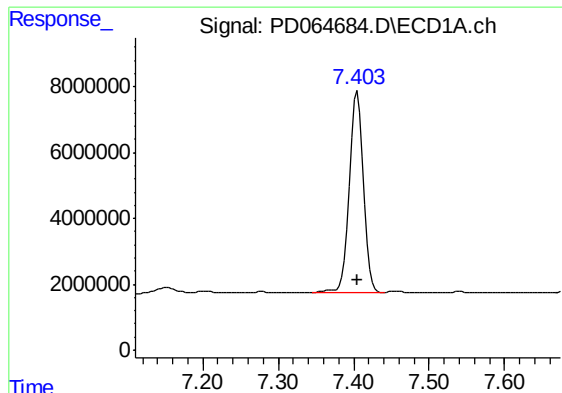
#4 Heptachlor

R.T.: 7.035 min  
Delta R.T.: 0.000 min  
Response: 82797283  
Conc: 49.27 ng/ml



#4 Heptachlor

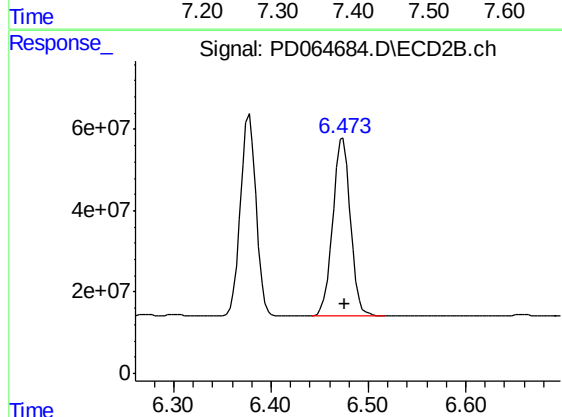
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 575491357  
Conc: 50.76 ng/ml



#5 Aldrin

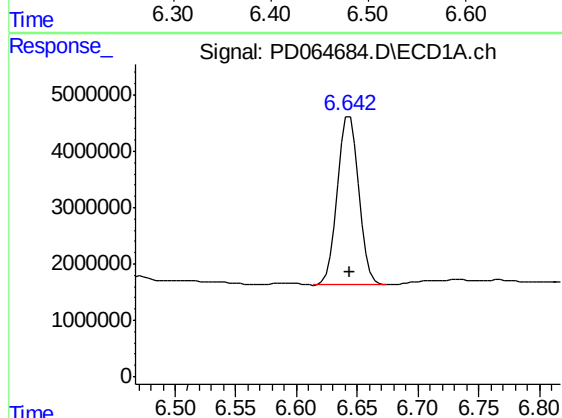
R.T.: 7.405 min  
Delta R.T.: -0.001 min  
Response: 78263435  
Conc: 49.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



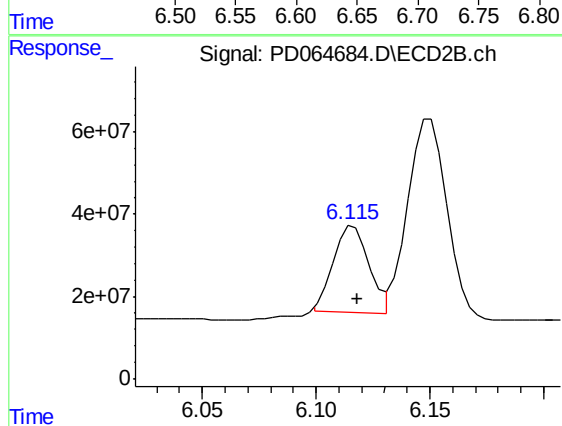
#5 Aldrin

R.T.: 6.474 min  
Delta R.T.: -0.002 min  
Response: 556805068  
Conc: 52.93 ng/ml



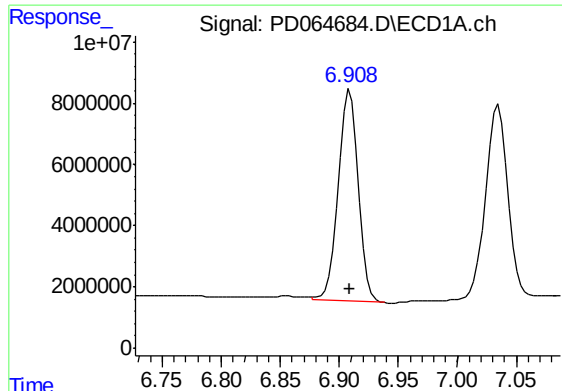
#6 beta-BHC

R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 36585768  
Conc: 46.89 ng/ml



#6 beta-BHC

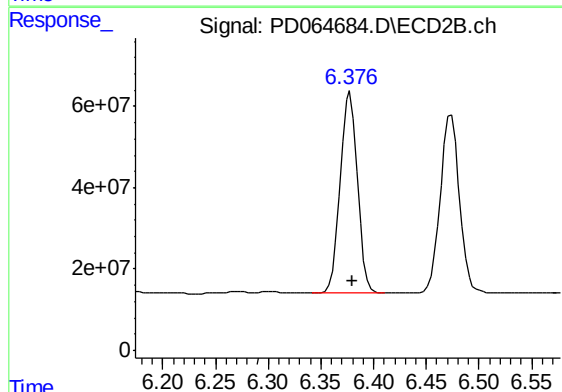
R.T.: 6.116 min  
Delta R.T.: -0.002 min  
Response: 223030303  
Conc: 36.76 ng/ml



#7 delta-BHC

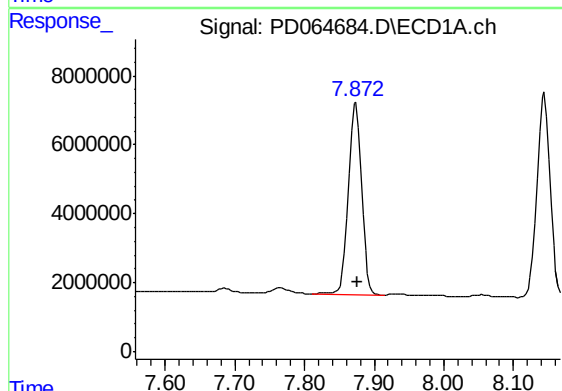
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 83189529  
Conc: 47.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



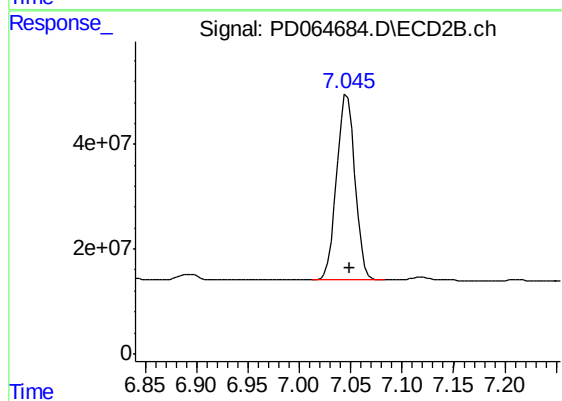
#7 delta-BHC

R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 562914948  
Conc: 51.82 ng/ml



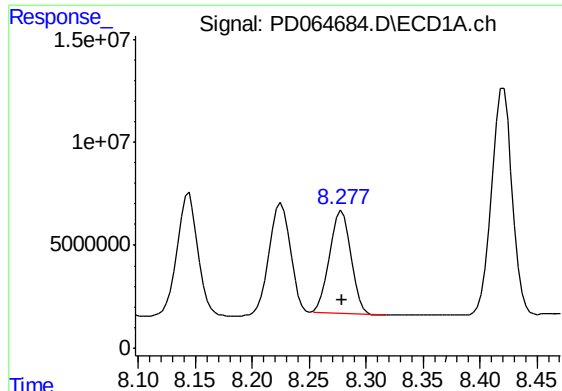
#8 Heptachlor epoxide

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 73821183  
Conc: 43.00 ng/ml



#8 Heptachlor epoxide

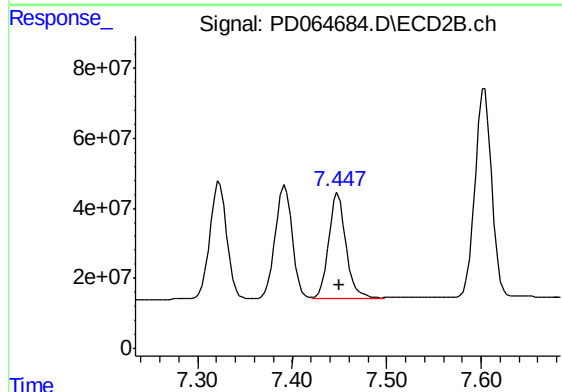
R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 443913778  
Conc: 47.95 ng/ml



#9 Endosulfan I

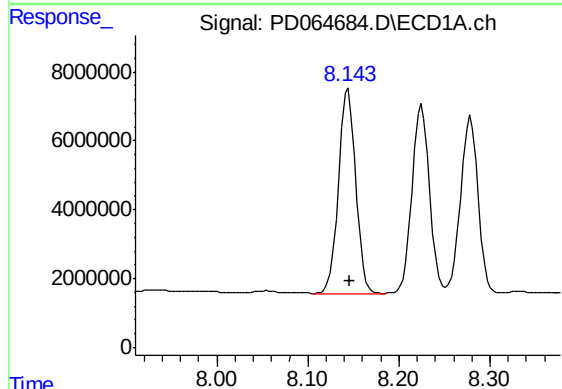
R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 64108427  
Conc: 45.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



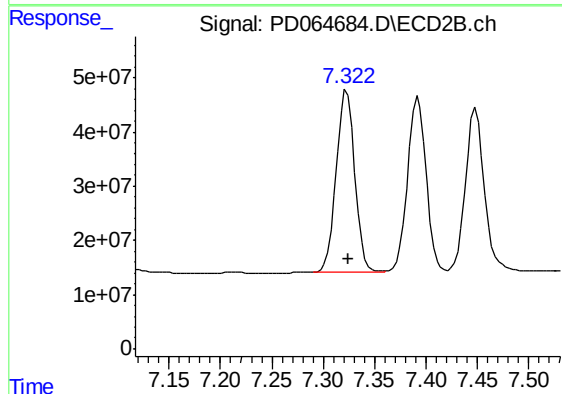
#9 Endosulfan I

R.T.: 7.449 min  
Delta R.T.: -0.001 min  
Response: 381185072  
Conc: 49.57 ng/ml



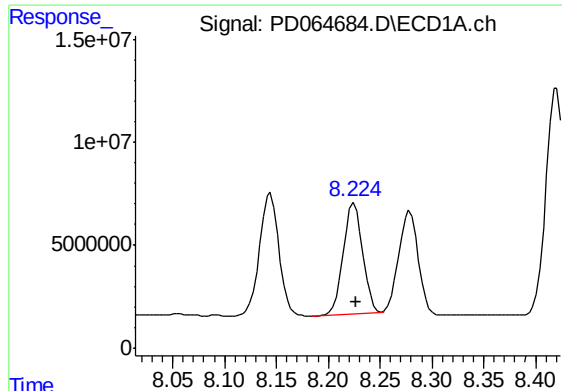
#10 trans-Chlordane

R.T.: 8.144 min  
Delta R.T.: -0.002 min  
Response: 77950804  
Conc: 48.64 ng/ml



#10 trans-Chlordane

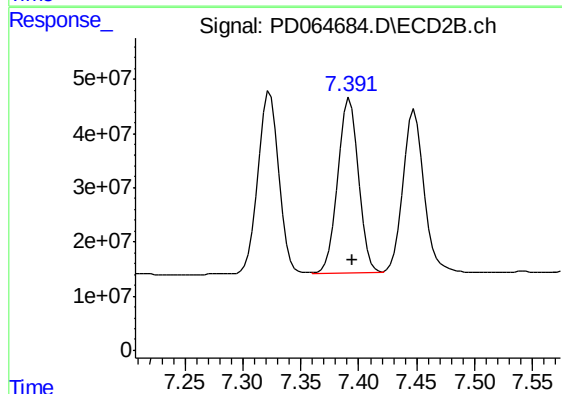
R.T.: 7.323 min  
Delta R.T.: -0.002 min  
Response: 421909400  
Conc: 46.52 ng/ml



#11 cis-Chlordane

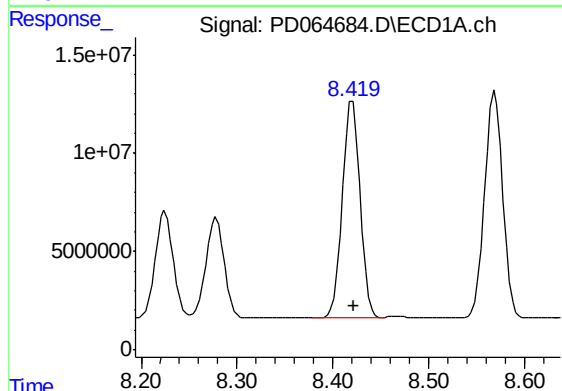
R.T.: 8.225 min  
Delta R.T.: -0.002 min  
Response: 69455526  
Conc: 44.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



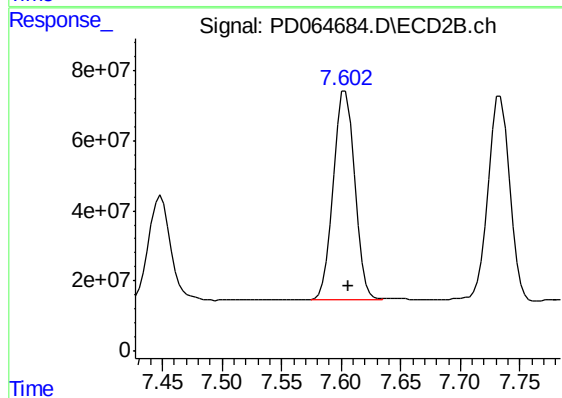
#11 cis-Chlordane

R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 404357918  
Conc: 45.46 ng/ml



#12 4,4'-DDE

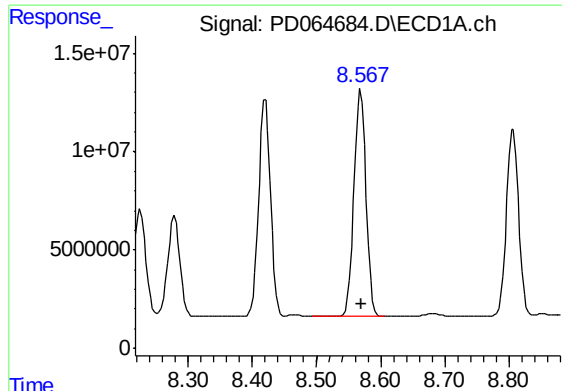
R.T.: 8.420 min  
Delta R.T.: -0.002 min  
Response: 141581025  
Conc: 98.23 ng/ml



#12 4,4'-DDE

R.T.: 7.604 min  
Delta R.T.: -0.002 min  
Response: 741442543  
Conc: 98.27 ng/ml

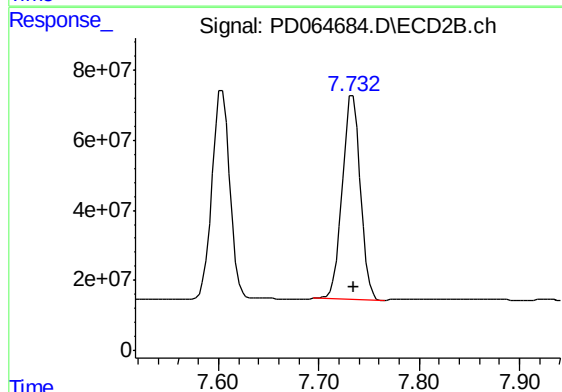




#13 Dieldrin

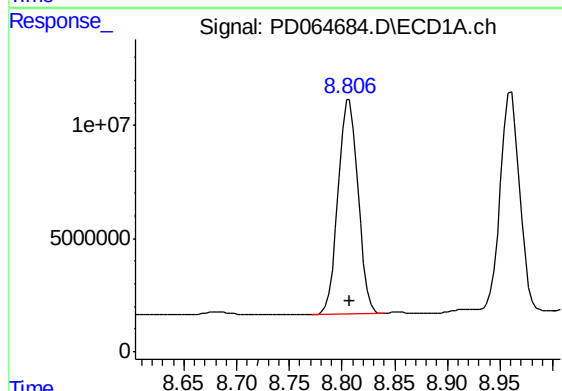
R.T.: 8.569 min  
Delta R.T.: -0.001 min  
Response: 150568869  
Conc: 100.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



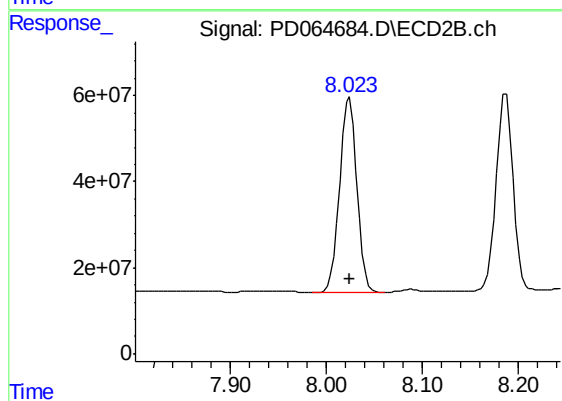
#13 Dieldrin

R.T.: 7.734 min  
Delta R.T.: -0.002 min  
Response: 723477246  
Conc: 90.08 ng/ml



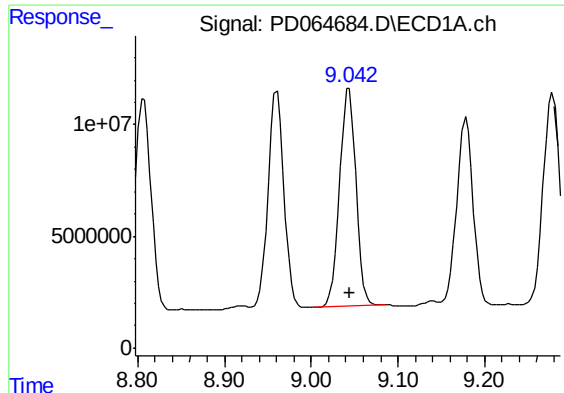
#14 Endrin

R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 125262848  
Conc: 97.83 ng/ml



#14 Endrin

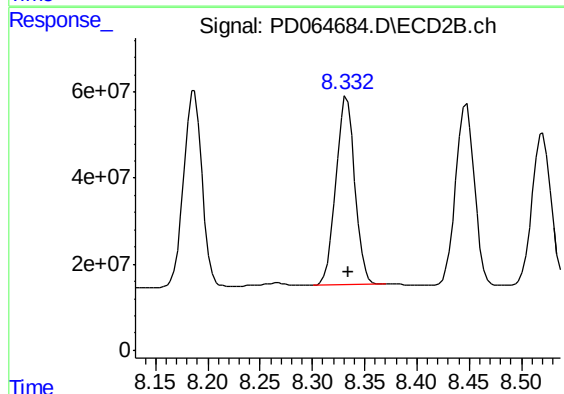
R.T.: 8.024 min  
Delta R.T.: 0.000 min  
Response: 565874543  
Conc: 98.51 ng/ml



#15 Endosulfan II

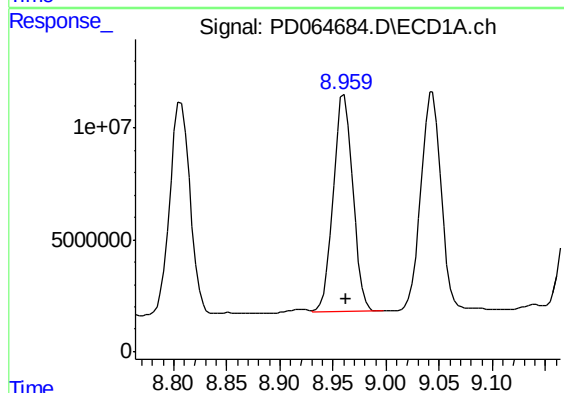
R.T.: 9.044 min  
Delta R.T.: -0.001 min  
Response: 128297169  
Conc: 98.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



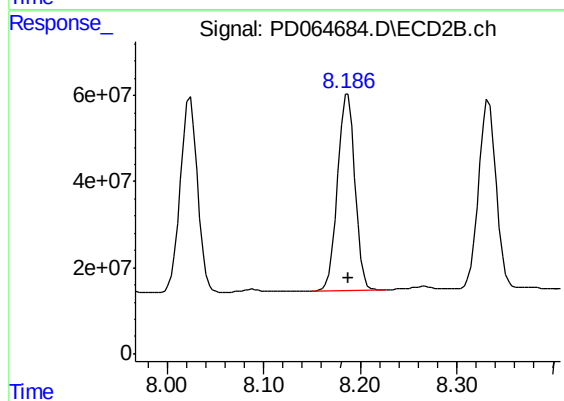
#15 Endosulfan II

R.T.: 8.333 min  
Delta R.T.: -0.002 min  
Response: 554689484  
Conc: 96.09 ng/ml



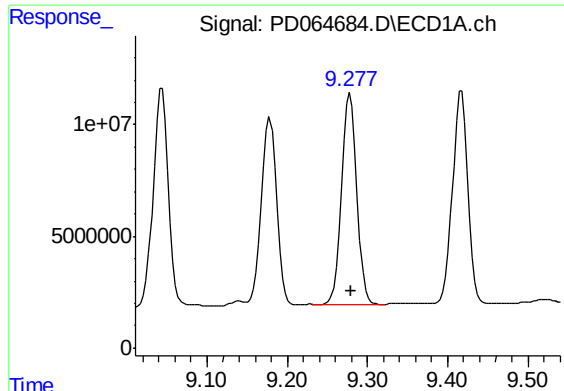
#16 4,4'-DDD

R.T.: 8.961 min  
Delta R.T.: -0.001 min  
Response: 124168346  
Conc: 101.15 ng/ml



#16 4,4'-DDD

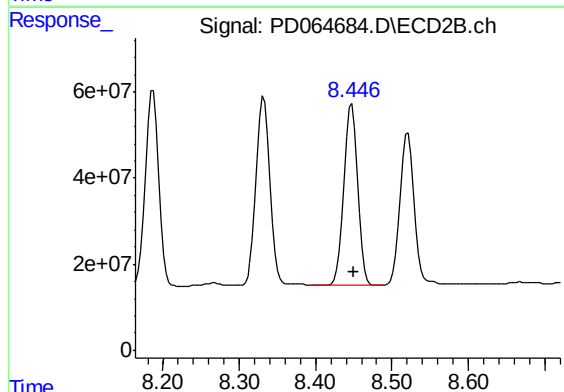
R.T.: 8.187 min  
Delta R.T.: -0.001 min  
Response: 559315674  
Conc: 97.11 ng/ml



#17 4,4'-DDT

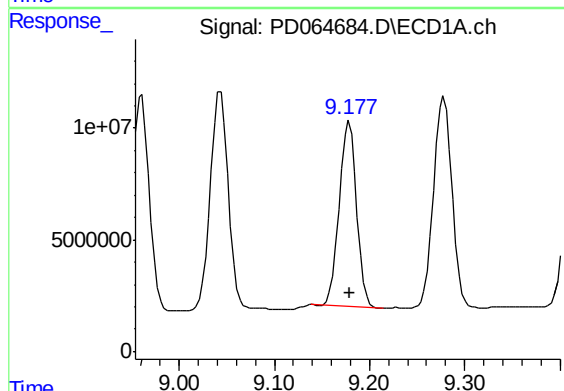
R.T.: 9.278 min  
Delta R.T.: -0.001 min  
Response: 126008273  
Conc: 96.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



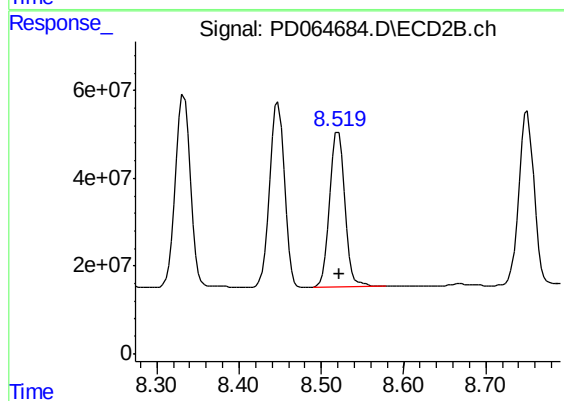
#17 4,4'-DDT

R.T.: 8.447 min  
Delta R.T.: -0.002 min  
Response: 527703655  
Conc: 95.87 ng/ml



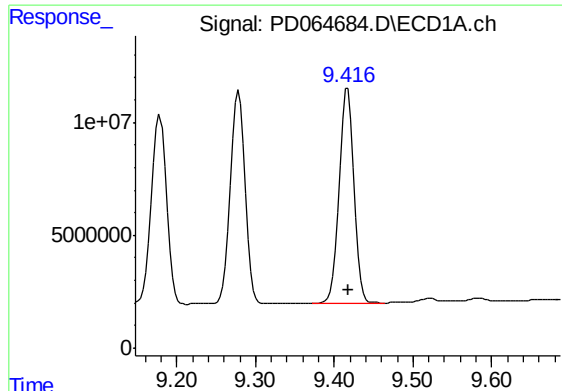
#18 Endrin aldehyde

R.T.: 9.179 min  
Delta R.T.: -0.001 min  
Response: 106215656  
Conc: 93.75 ng/ml



#18 Endrin aldehyde

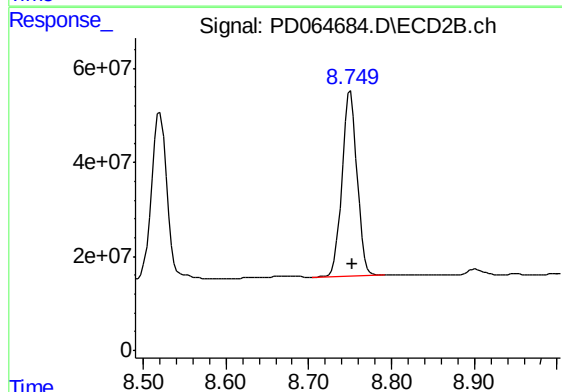
R.T.: 8.520 min  
Delta R.T.: -0.002 min  
Response: 456616942  
Conc: 92.52 ng/ml



#19 Endosulfan Sulfate

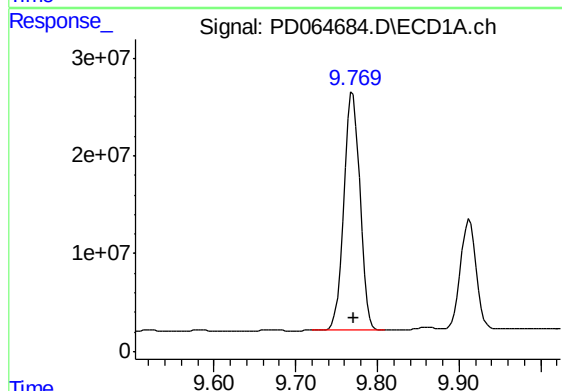
R.T.: 9.417 min  
Delta R.T.: -0.002 min  
Response: 126643221  
Conc: 91.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



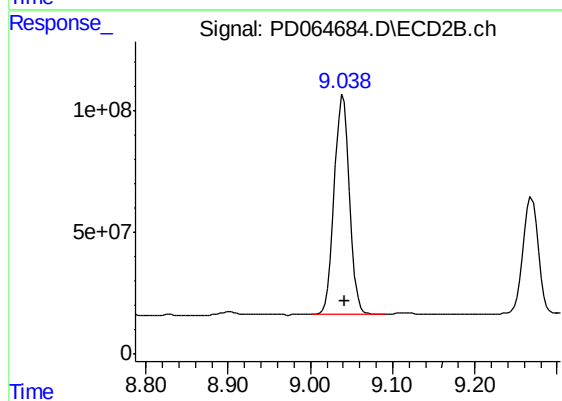
#19 Endosulfan Sulfate

R.T.: 8.751 min  
Delta R.T.: -0.002 min  
Response: 506973885  
Conc: 94.05 ng/ml



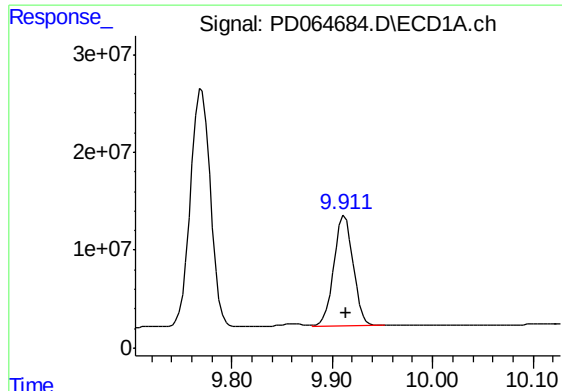
#20 Methoxychlor

R.T.: 9.770 min  
Delta R.T.: -0.001 min  
Response: 333327658  
Conc: 465.83 ng/ml



#20 Methoxychlor

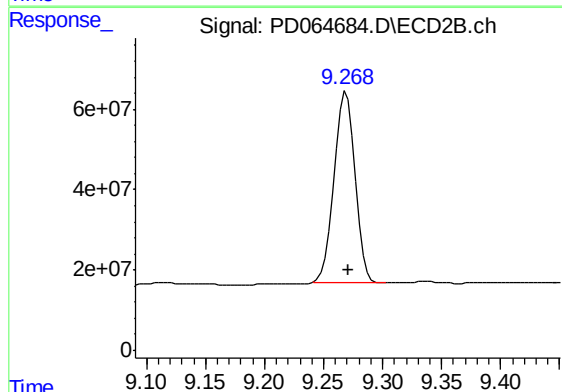
R.T.: 9.040 min  
Delta R.T.: -0.002 min  
Response: 1162863663  
Conc: 454.14 ng/ml



#21 Endrin ketone

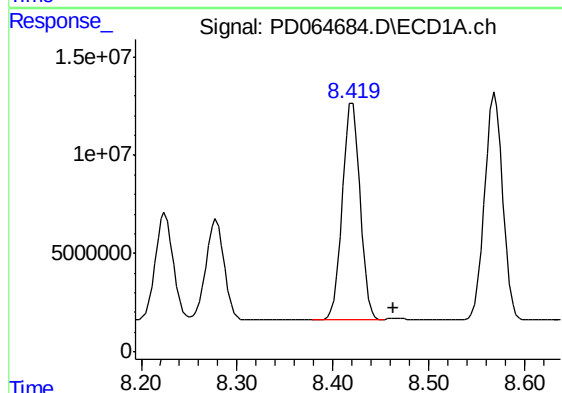
R.T.: 9.913 min  
Delta R.T.: -0.001 min  
Response: 148956590  
Conc: 98.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



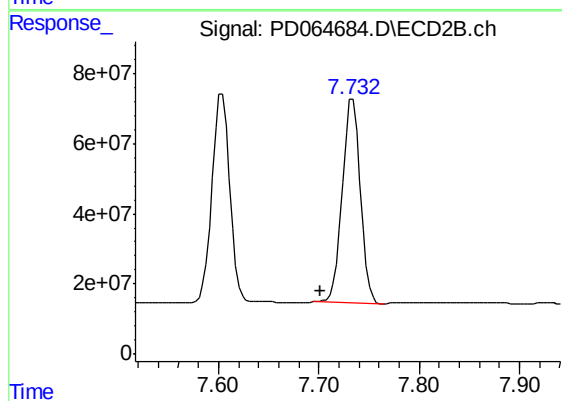
#21 Endrin ketone

R.T.: 9.269 min  
Delta R.T.: -0.002 min  
Response: 603387823  
Conc: 100.59 ng/ml



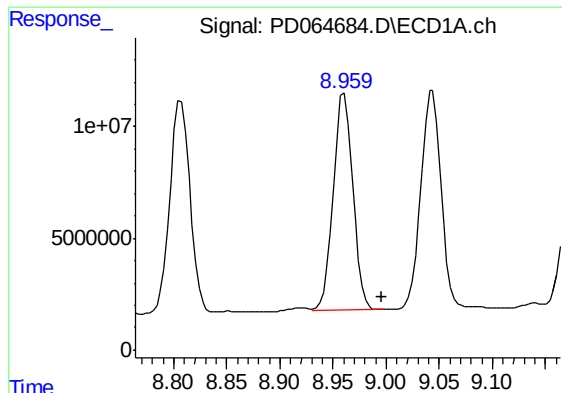
#22 Toxaphene-1

R.T.: 8.420 min  
Delta R.T.: -0.042 min  
Response: 141581025  
Conc: 15172.86 ng/ml



#22 Toxaphene-1

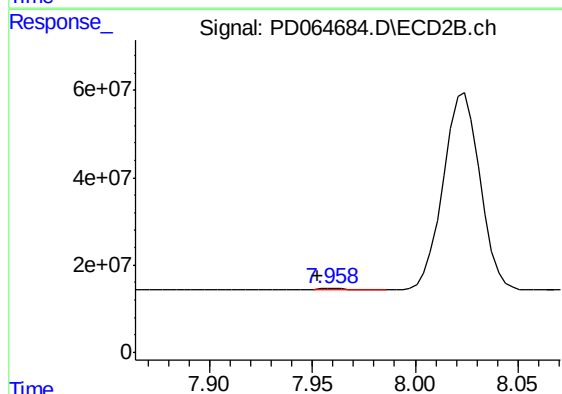
R.T.: 7.734 min  
Delta R.T.: 0.033 min  
Response: 723477246  
Conc: 19228.38 ng/ml



#23 Toxaphene-2

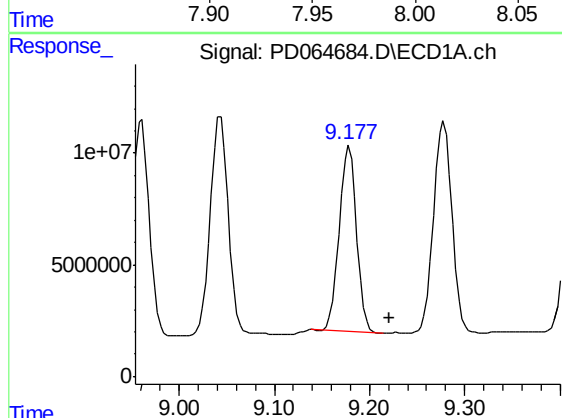
R.T.: 8.961 min  
Delta R.T.: -0.036 min  
Response: 124168346  
Conc: 7122.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



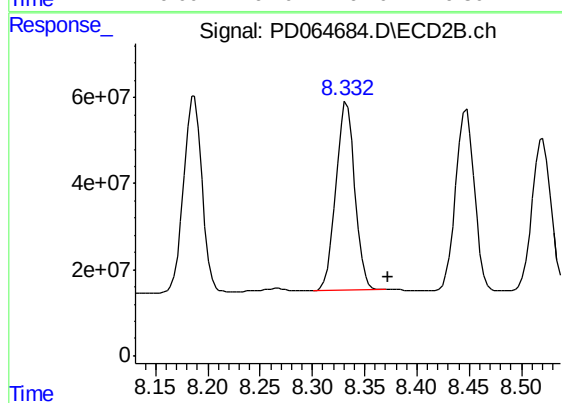
#23 Toxaphene-2

R.T.: 7.959 min  
Delta R.T.: 0.007 min  
Response: 1465523  
Conc: 17.35 ng/ml



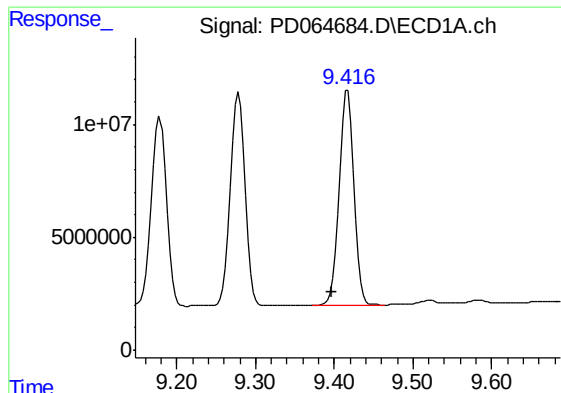
#24 Toxaphene-3

R.T.: 9.179 min  
Delta R.T.: -0.043 min  
Response: 106215656  
Conc: 8762.45 ng/ml



#24 Toxaphene-3

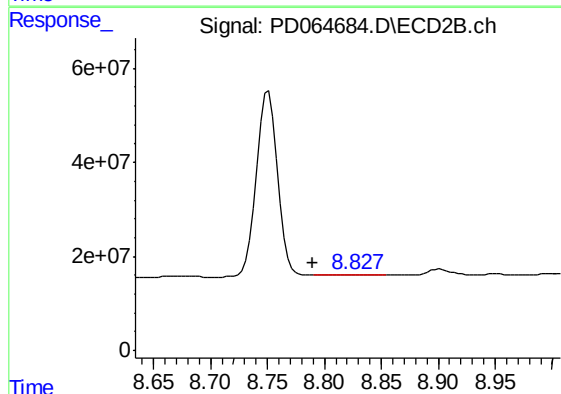
R.T.: 8.333 min  
Delta R.T.: -0.040 min  
Response: 554689484  
Conc: 4841.18 ng/ml



#25 Toxaphene-4

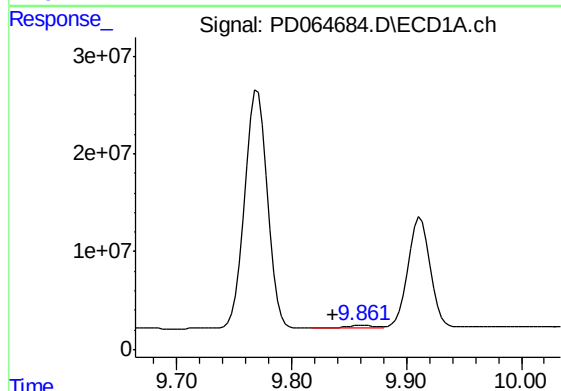
R.T.: 9.417 min  
Delta R.T.: 0.020 min  
Response: 126643221  
Conc: 5271.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



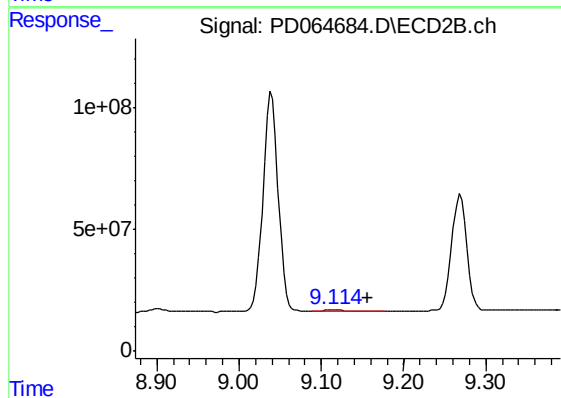
#25 Toxaphene-4

R.T.: 8.828 min  
Delta R.T.: 0.038 min  
Response: 30273  
Conc: 0.54 ng/ml



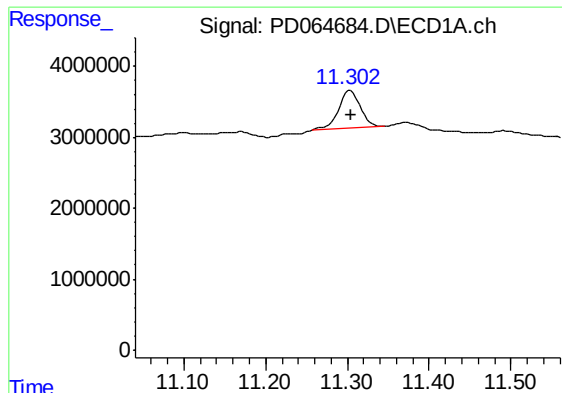
#26 Toxaphene-5

R.T.: 9.862 min  
Delta R.T.: 0.026 min  
Response: 2324198  
Conc: 125.88 ng/ml



#26 Toxaphene-5

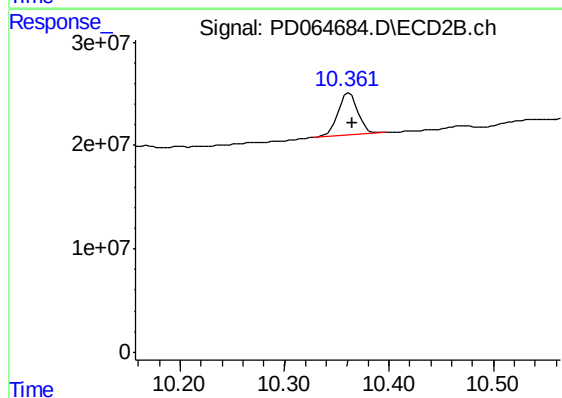
R.T.: 9.115 min  
Delta R.T.: -0.042 min  
Response: 12267874  
Conc: 97.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.304 min  
Delta R.T.: -0.002 min  
Response: 9771682  
Conc: 7.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MSD



#27 Decachlorobiphenyl

R.T.: 10.362 min  
Delta R.T.: -0.003 min  
Response: 54678536  
Conc: 9.19 ng/ml