

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
 Data File : PD064683.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2021 20:08  
 Operator : AR\AJ  
 Sample : M3181-02MS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BGEX1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 03:01:54 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 x 0.2 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  | 4.618  | 8754473  | 81183020 | 7.339     | 8.884       |
| 27)                         | SA Decachlor... | 11.305 | 10.362 | 9305331  | 52670305 | 7.069     | 8.857 #     |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 5.988  | 5.320  | 93361598 | 704.3E6  | 57.309    | 57.138      |
| 3)                          | MA gamma-BHC... | 6.385  | 5.741  | 83462838 | 608.1E6  | 53.217    | 53.329      |
| 4)                          | MA Heptachlor   | 7.035  | 6.150  | 82192466 | 576.3E6  | 48.907    | 50.829      |
| 5)                          | MB Aldrin       | 7.404  | 6.474  | 78805372 | 569.7E6  | 50.030    | 54.162      |
| 6)                          | B beta-BHC      | 6.644  | 6.116  | 36618043 | 225.4E6  | 46.936    | 37.145      |
| 7)                          | B delta-BHC     | 6.909  | 6.378  | 83340473 | 566.7E6  | 47.892    | 52.161      |
| 8)                          | B Heptachlo...  | 7.874  | 7.047  | 74203326 | 446.8E6  | 43.221    | 48.263      |
| 9)                          | A Endosulfan I  | 8.279  | 7.448  | 64454705 | 379.5E6  | 45.724    | 49.358      |
| 10)                         | B trans-Chl...  | 8.145  | 7.322  | 77766509 | 422.2E6  | 48.529    | 46.543      |
| 11)                         | B cis-Chlor...  | 8.226  | 7.392  | 69994124 | 404.0E6  | 44.923    | 45.414      |
| 12)                         | B 4,4'-DDE      | 8.421  | 7.604  | 141.2E6  | 738.3E6  | 97.945    | 97.844      |
| 13)                         | MA Dieldrin     | 8.570  | 7.734  | 150.9E6  | 726.5E6  | 101.213   | 90.457      |
| 14)                         | MA Endrin       | 8.808  | 8.024  | 125.7E6  | 568.7E6  | 98.186    | 99.002      |
| 15)                         | B Endosulfa...  | 9.044  | 8.333  | 127.6E6  | 551.2E6  | 98.247    | 95.490      |
| 16)                         | A 4,4'-DDD      | 8.961  | 8.187  | 125.3E6  | 565.2E6  | 102.060   | 98.128      |
| 17)                         | MA 4,4'-DDT     | 9.279  | 8.447  | 125.9E6  | 526.2E6  | 96.442    | 95.588      |
| 18)                         | B Endrin al...  | 9.180  | 8.520  | 99647582 | 429.4E6  | 87.957    | 86.997      |
| 19)                         | B Endosulfa...  | 9.418  | 8.750  | 127.1E6  | 504.8E6  | 92.234    | 93.651      |
| 20)                         | A Methoxychlor  | 9.771  | 9.039  | 333.9E6  | 1161.8E6 | 466.612   | 453.719     |
| 21)                         | B Endrin ke...  | 9.914  | 9.269  | 149.0E6  | 603.5E6  | 98.492    | 100.607     |
| 22)                         | Toxaphene-1     | 8.421  | 7.734  | 141.2E6  | 726.5E6  | 15128.806 | 19309.603 # |
| 23)                         | Toxaphene-2     | 8.961  | 7.959  | 125.3E6  | 1041845  | 7186.787  | 12.337 #    |
| 24)                         | Toxaphene-3     | 9.180  | 8.333  | 99647582 | 551.2E6  | 8220.600  | 4810.821 #  |
| 25)                         | Toxaphene-4     | 9.418  | 8.750  | 127.1E6  | 504.8E6  | 5291.466  | 8961.239 #  |
| 26)                         | Toxaphene-5     | 9.863  | 9.115  | 2061116  | 10573531 | 111.636   | 84.108      |
| -----                       |                 |        |        |          |          |           |             |

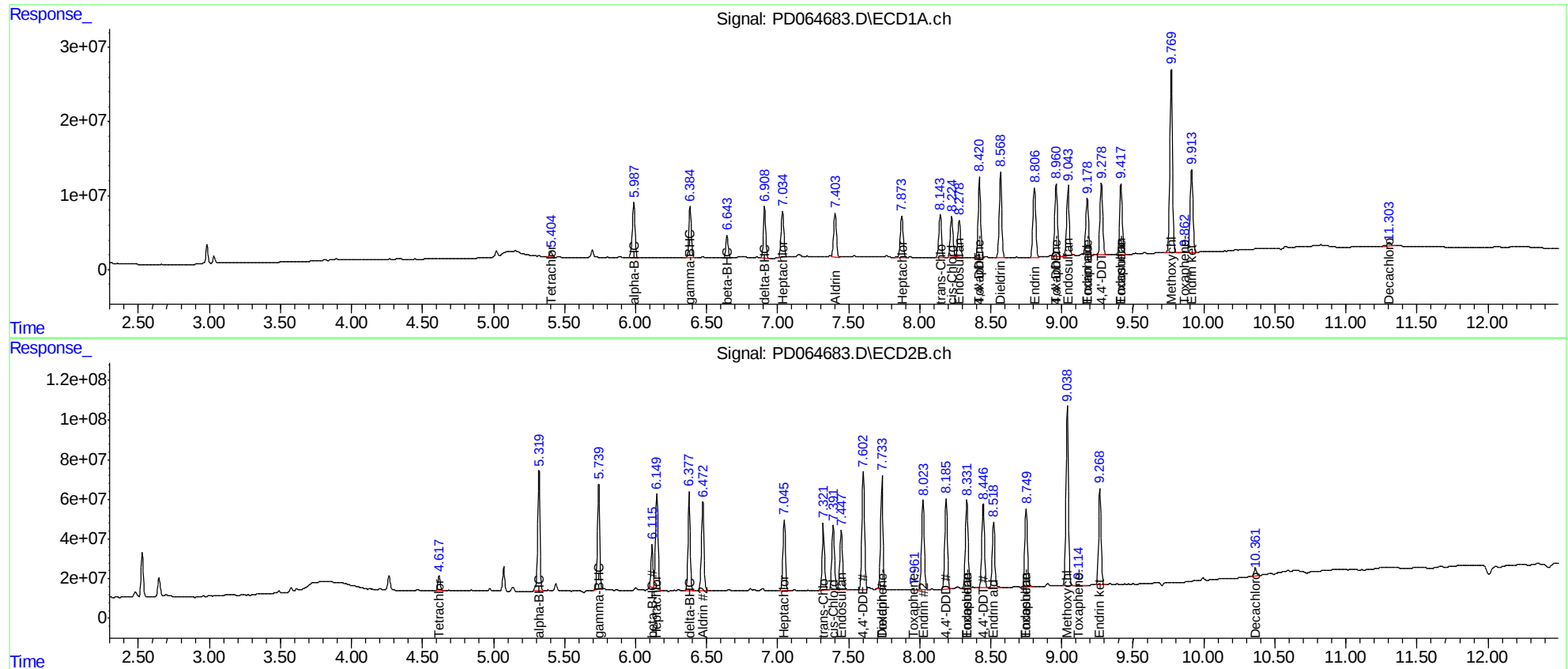
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

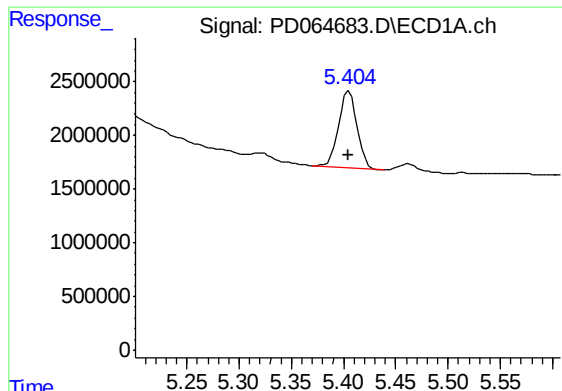
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064683.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 20:08  
Operator : AR\AJ  
Sample : M3181-02MS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 03:01:54 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

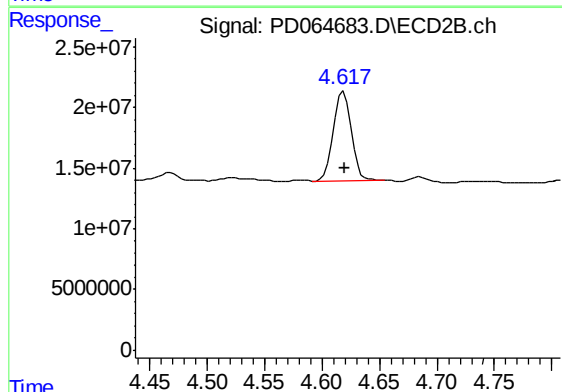




#1 Tetrachloro-m-xylene

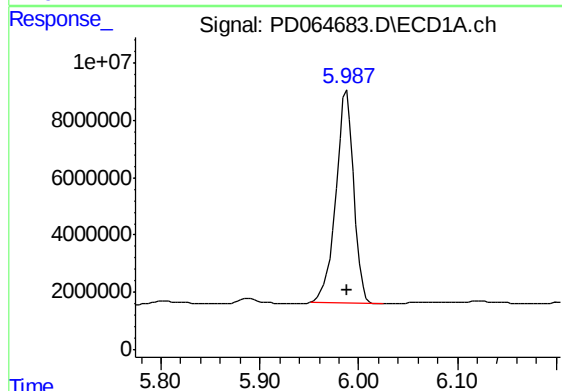
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 8754473  
Conc: 7.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



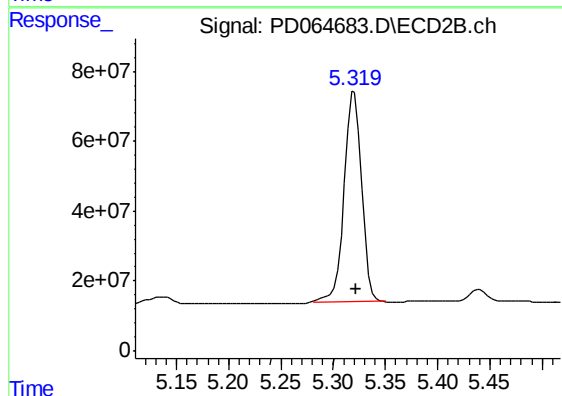
#1 Tetrachloro-m-xylene

R.T.: 4.618 min  
Delta R.T.: -0.001 min  
Response: 81183020  
Conc: 8.88 ng/ml



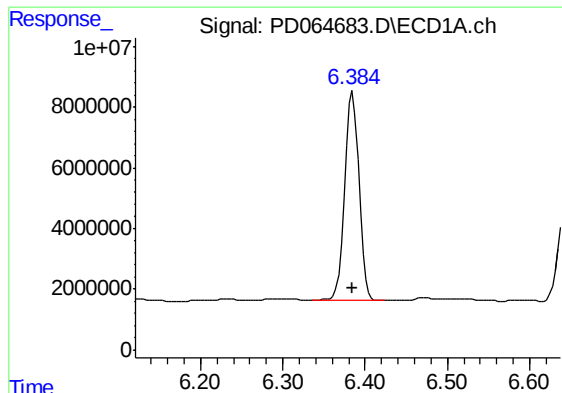
#2 alpha-BHC

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 93361598  
Conc: 57.31 ng/ml



#2 alpha-BHC

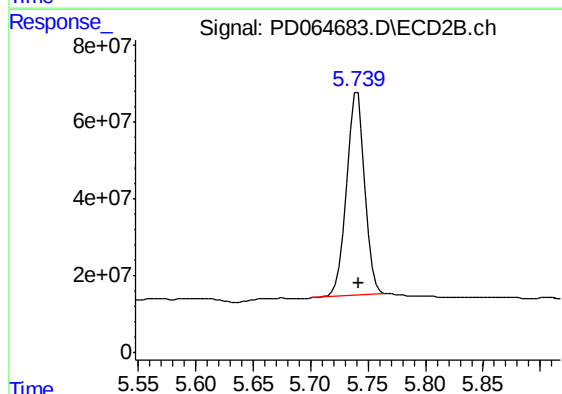
R.T.: 5.320 min  
Delta R.T.: -0.001 min  
Response: 704255032  
Conc: 57.14 ng/ml



#3 gamma-BHC (Lindane)

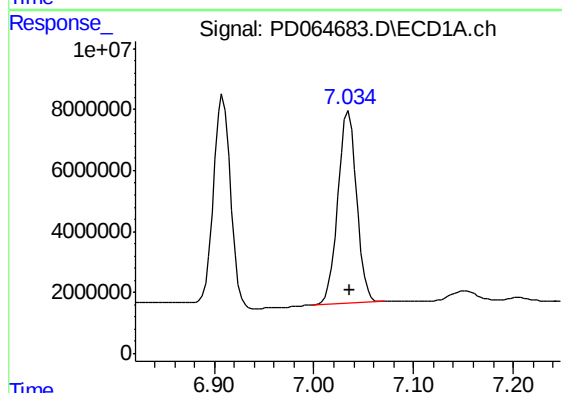
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 83462838  
Conc: 53.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



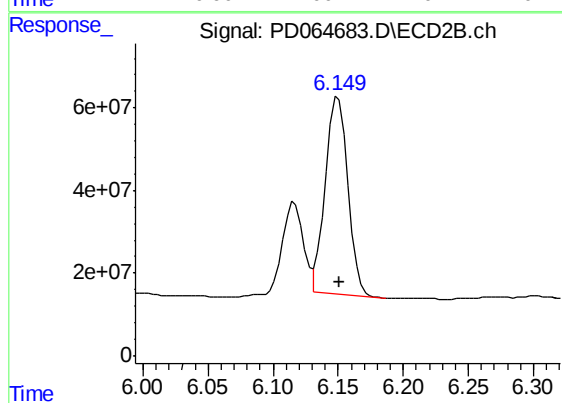
#3 gamma-BHC (Lindane)

R.T.: 5.741 min  
Delta R.T.: -0.001 min  
Response: 608142826  
Conc: 53.33 ng/ml



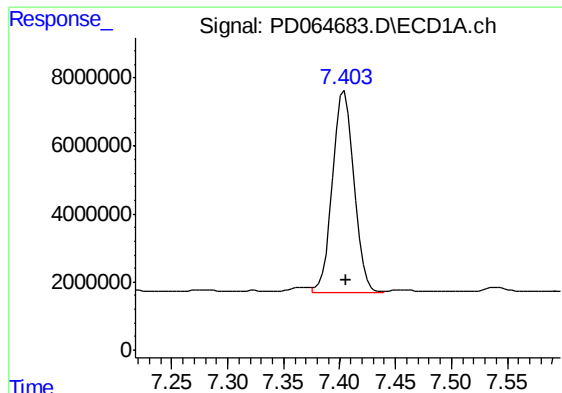
#4 Heptachlor

R.T.: 7.035 min  
Delta R.T.: 0.000 min  
Response: 82192466  
Conc: 48.91 ng/ml



#4 Heptachlor

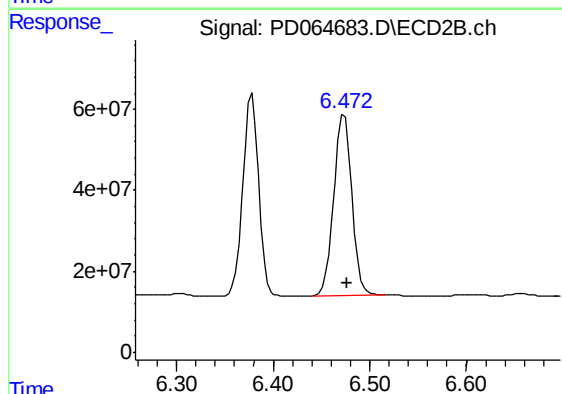
R.T.: 6.150 min  
Delta R.T.: -0.001 min  
Response: 576297904  
Conc: 50.83 ng/ml



#5 Aldrin

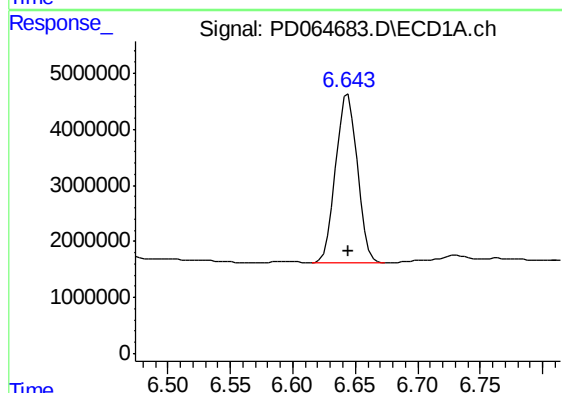
R.T.: 7.404 min  
Delta R.T.: -0.001 min  
Response: 78805372  
Conc: 50.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



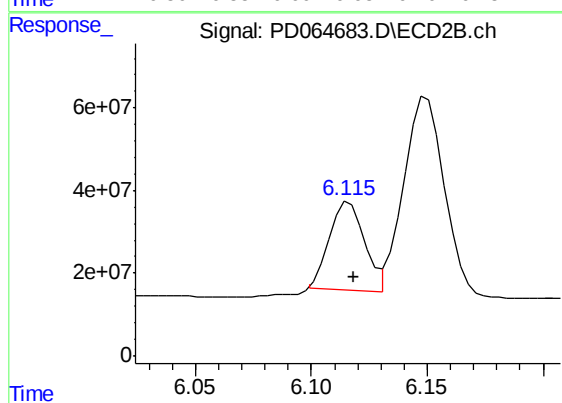
#5 Aldrin

R.T.: 6.474 min  
Delta R.T.: -0.003 min  
Response: 569740277  
Conc: 54.16 ng/ml



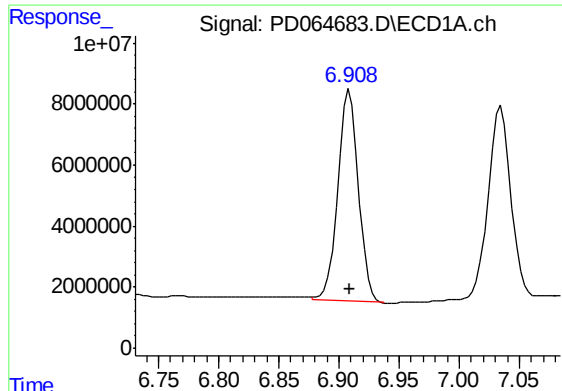
#6 beta-BHC

R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 36618043  
Conc: 46.94 ng/ml



#6 beta-BHC

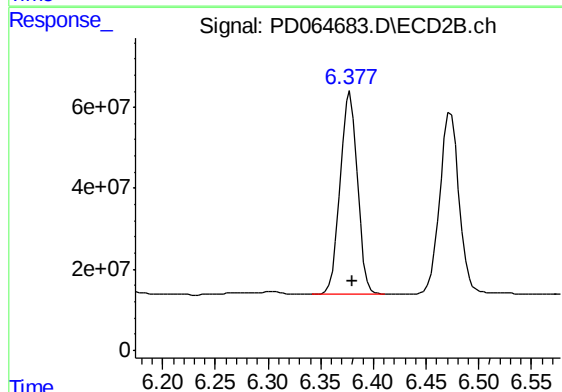
R.T.: 6.116 min  
Delta R.T.: -0.002 min  
Response: 225351816  
Conc: 37.14 ng/ml



#7 delta-BHC

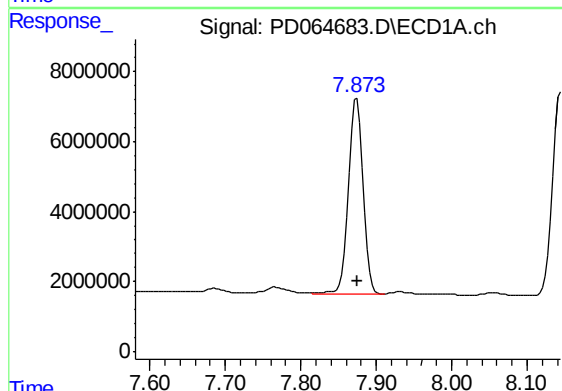
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 83340473  
Conc: 47.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



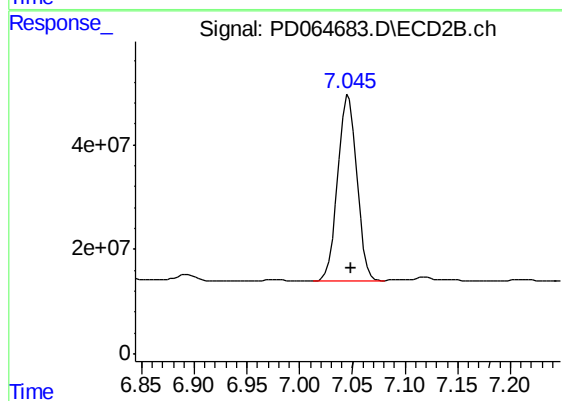
#7 delta-BHC

R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 566655885  
Conc: 52.16 ng/ml



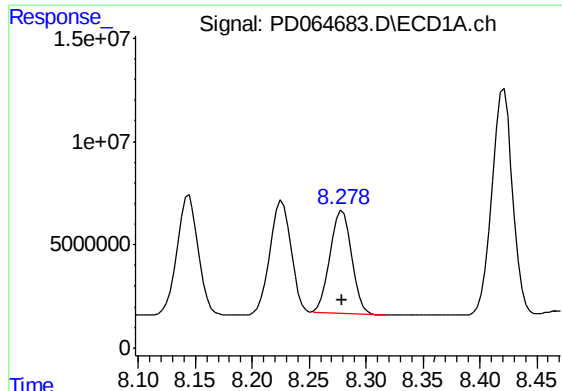
#8 Heptachlor epoxide

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 74203326  
Conc: 43.22 ng/ml



#8 Heptachlor epoxide

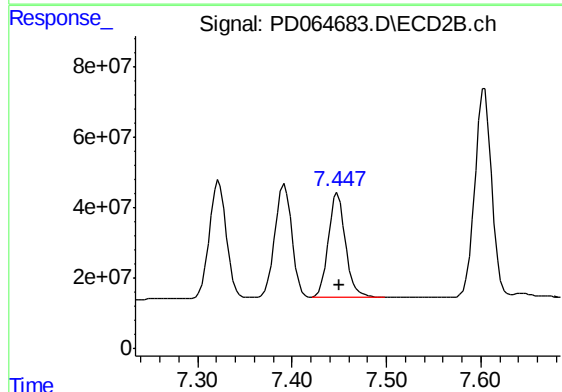
R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 446767990  
Conc: 48.26 ng/ml



#9 Endosulfan I

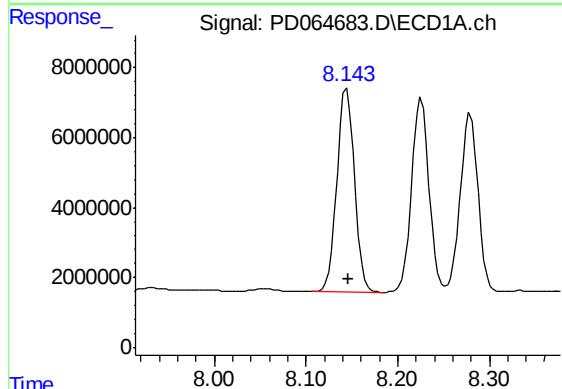
R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 64454705  
Conc: 45.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



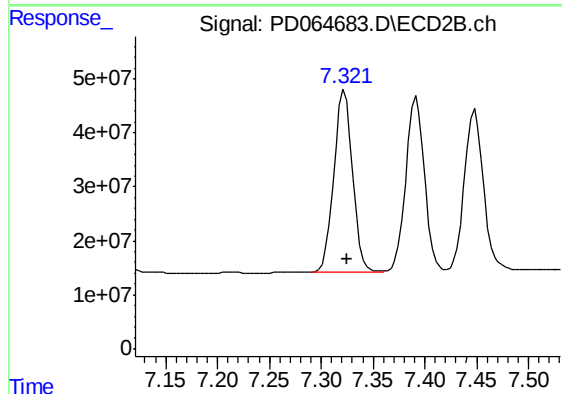
#9 Endosulfan I

R.T.: 7.448 min  
Delta R.T.: -0.001 min  
Response: 379543277  
Conc: 49.36 ng/ml



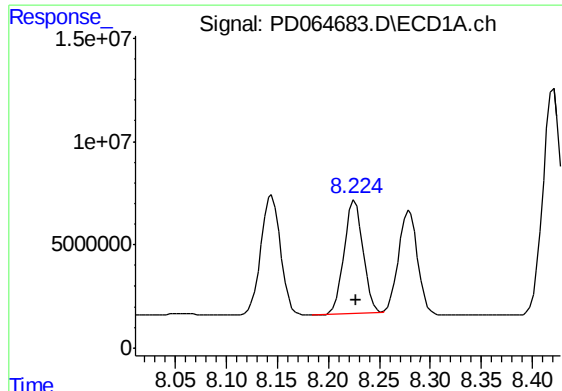
#10 trans-Chlordane

R.T.: 8.145 min  
Delta R.T.: -0.002 min  
Response: 77766509  
Conc: 48.53 ng/ml



#10 trans-Chlordane

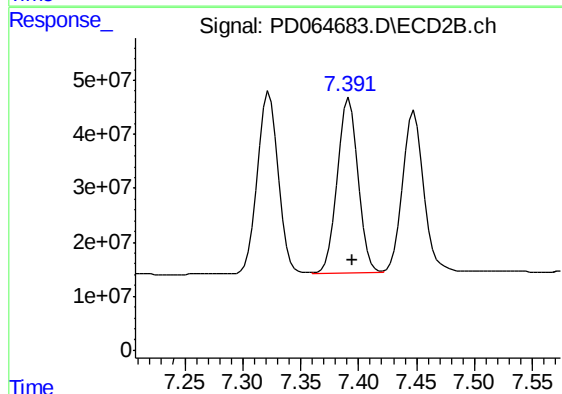
R.T.: 7.322 min  
Delta R.T.: -0.003 min  
Response: 422153423  
Conc: 46.54 ng/ml



#11 cis-Chlordane

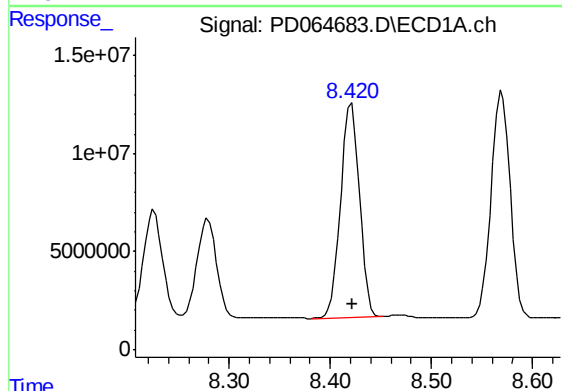
R.T.: 8.226 min  
Delta R.T.: -0.001 min  
Response: 69994124  
Conc: 44.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



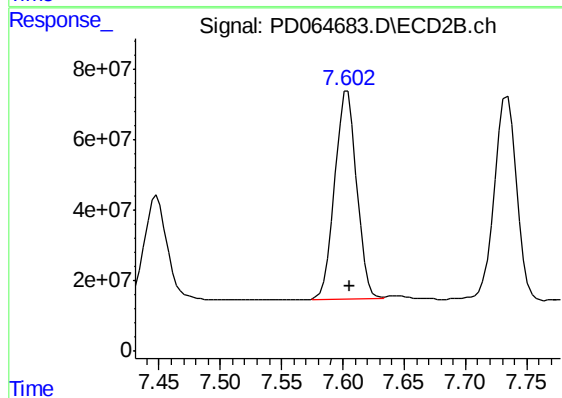
#11 cis-Chlordane

R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 403989801  
Conc: 45.41 ng/ml



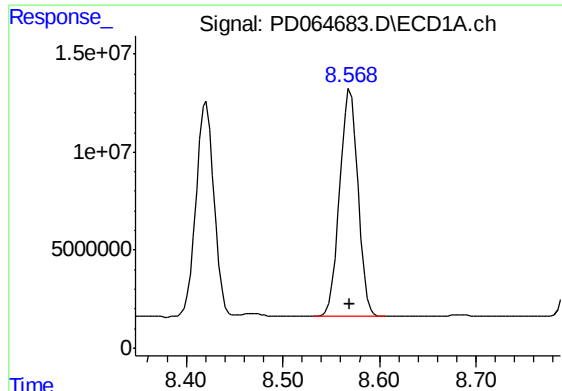
#12 4,4'-DDE

R.T.: 8.421 min  
Delta R.T.: -0.001 min  
Response: 141169957  
Conc: 97.95 ng/ml



#12 4,4'-DDE

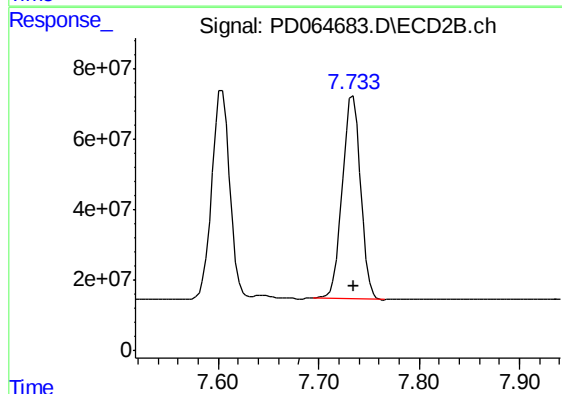
R.T.: 7.604 min  
Delta R.T.: -0.002 min  
Response: 738258542  
Conc: 97.84 ng/ml



#13 Dielddrin

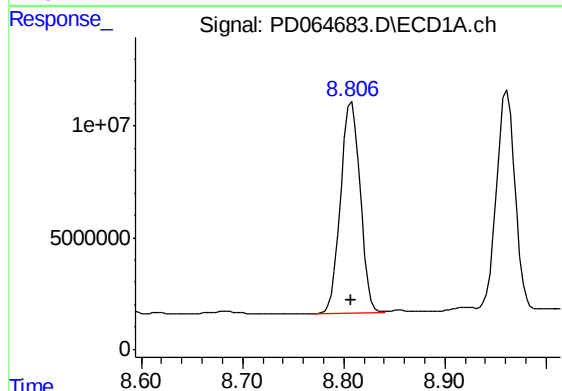
R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 150937820  
Conc: 101.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



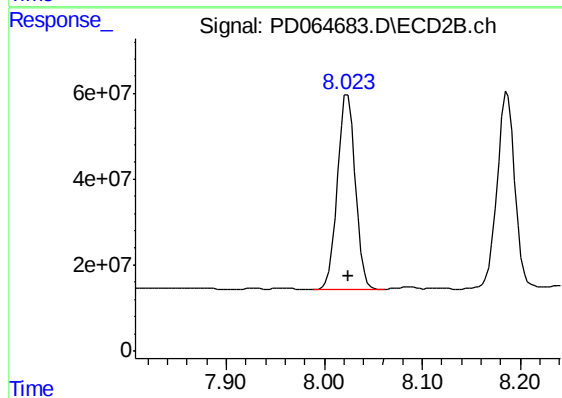
#13 Dielddrin

R.T.: 7.734 min  
Delta R.T.: -0.001 min  
Response: 726533126  
Conc: 90.46 ng/ml



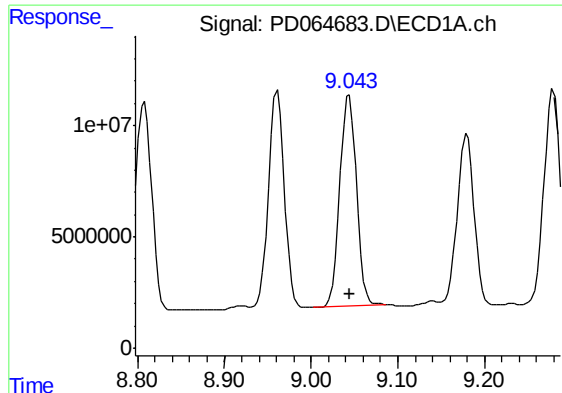
#14 Endrin

R.T.: 8.808 min  
Delta R.T.: 0.000 min  
Response: 125716886  
Conc: 98.19 ng/ml



#14 Endrin

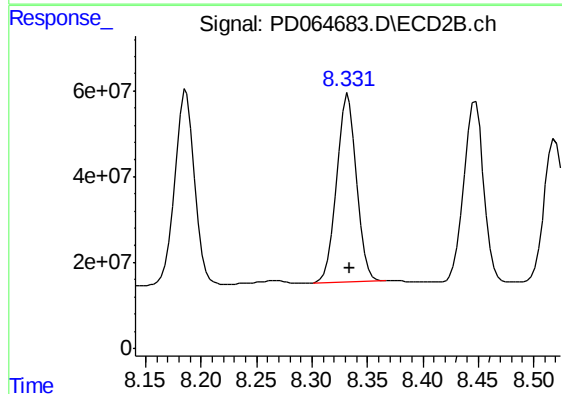
R.T.: 8.024 min  
Delta R.T.: 0.000 min  
Response: 568721823  
Conc: 99.00 ng/ml



#15 Endosulfan II

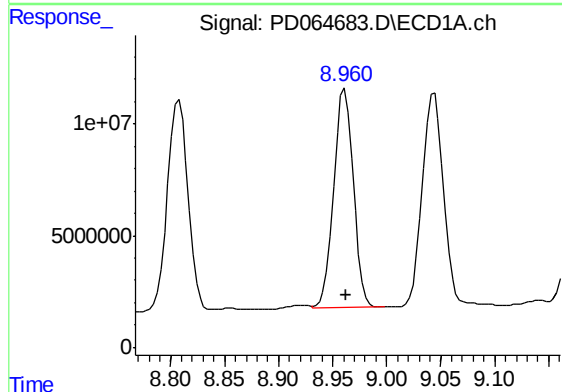
R.T.: 9.044 min  
Delta R.T.: 0.000 min  
Response: 127583334  
Conc: 98.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



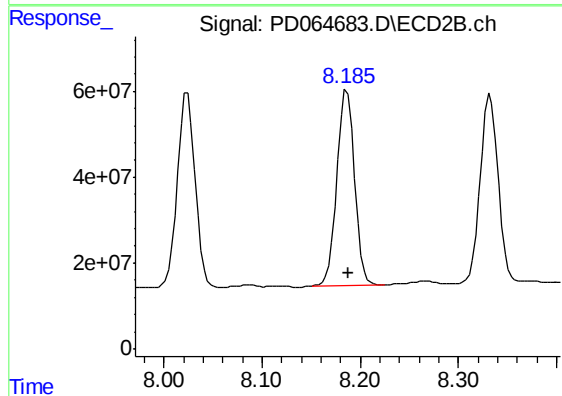
#15 Endosulfan II

R.T.: 8.333 min  
Delta R.T.: -0.002 min  
Response: 551210700  
Conc: 95.49 ng/ml



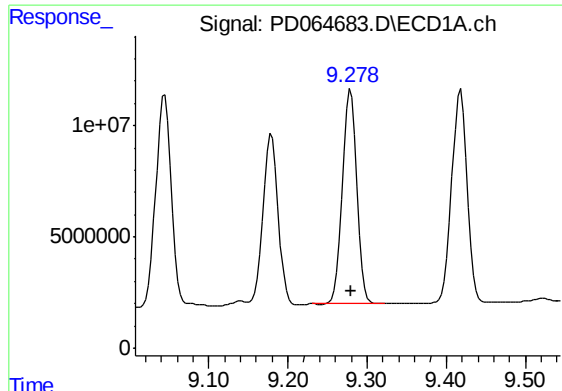
#16 4,4'-DDD

R.T.: 8.961 min  
Delta R.T.: 0.000 min  
Response: 125284142  
Conc: 102.06 ng/ml



#16 4,4'-DDD

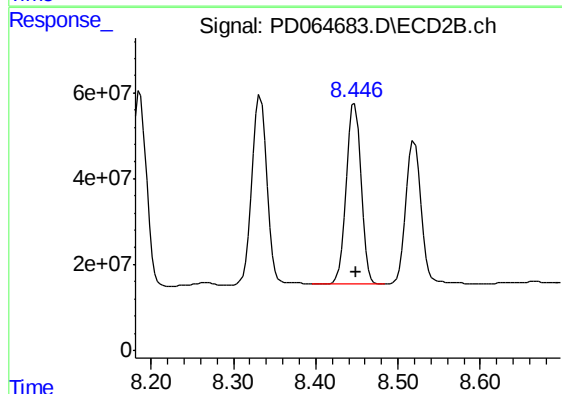
R.T.: 8.187 min  
Delta R.T.: -0.002 min  
Response: 565171258  
Conc: 98.13 ng/ml



#17 4,4'-DDT

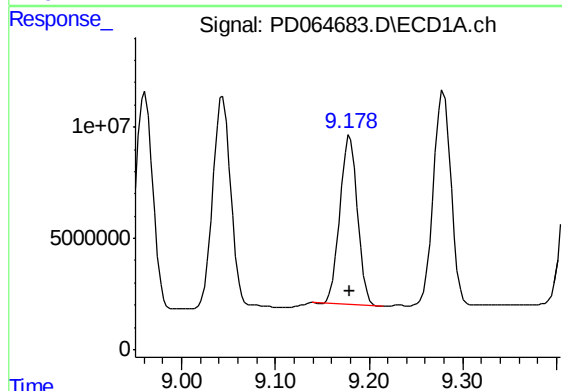
R.T.: 9.279 min  
Delta R.T.: 0.000 min  
Response: 125900132  
Conc: 96.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



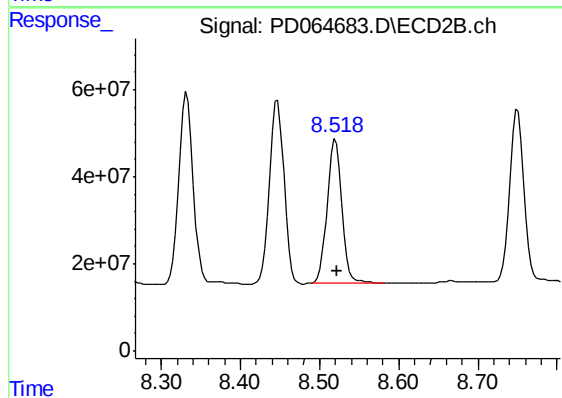
#17 4,4'-DDT

R.T.: 8.447 min  
Delta R.T.: -0.003 min  
Response: 526170077  
Conc: 95.59 ng/ml



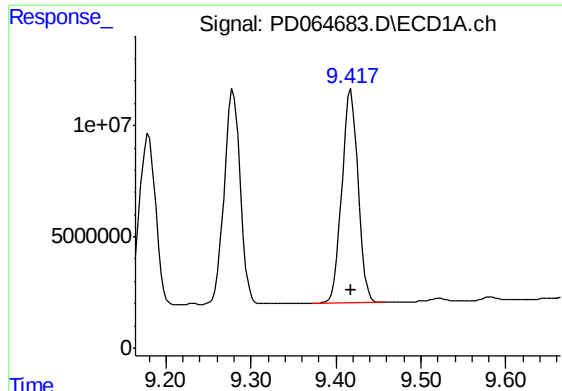
#18 Endrin aldehyde

R.T.: 9.180 min  
Delta R.T.: 0.000 min  
Response: 99647582  
Conc: 87.96 ng/ml



#18 Endrin aldehyde

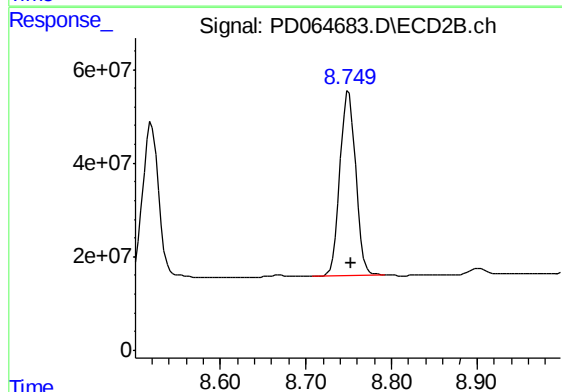
R.T.: 8.520 min  
Delta R.T.: -0.003 min  
Response: 429358151  
Conc: 87.00 ng/ml



#19 Endosulfan Sulfate

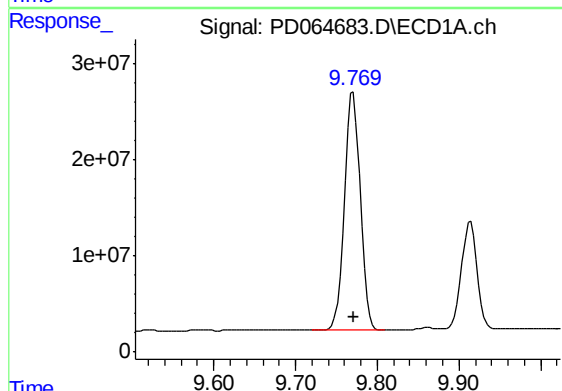
R.T.: 9.418 min  
Delta R.T.: 0.000 min  
Response: 127115980  
Conc: 92.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



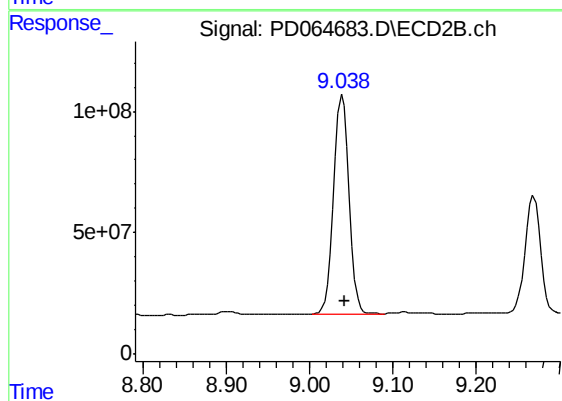
#19 Endosulfan Sulfate

R.T.: 8.750 min  
Delta R.T.: -0.002 min  
Response: 504801653  
Conc: 93.65 ng/ml



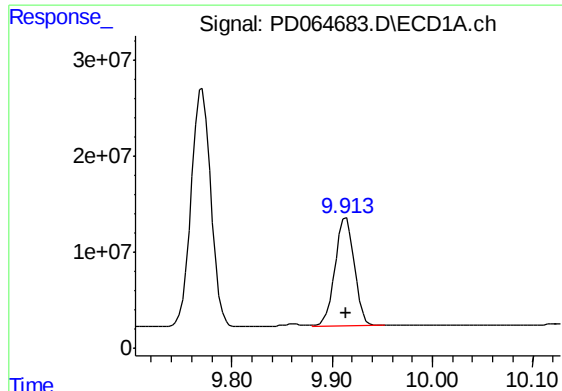
#20 Methoxychlor

R.T.: 9.771 min  
Delta R.T.: 0.000 min  
Response: 333889563  
Conc: 466.61 ng/ml



#20 Methoxychlor

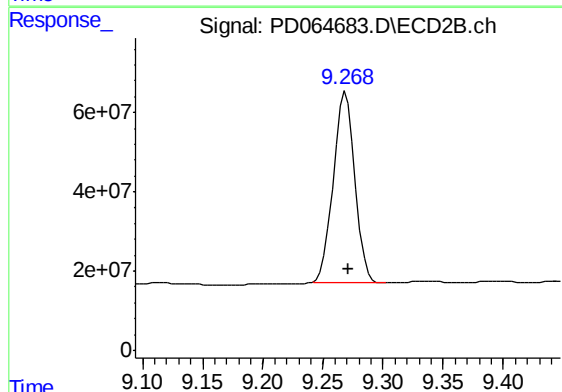
R.T.: 9.039 min  
Delta R.T.: -0.003 min  
Response: 1161793619  
Conc: 453.72 ng/ml



#21 Endrin ketone

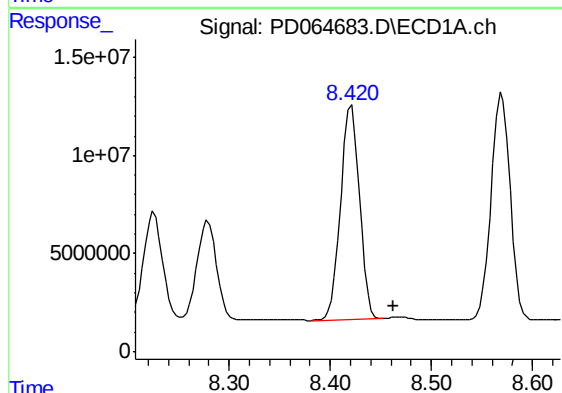
R.T.: 9.914 min  
Delta R.T.: 0.000 min  
Response: 149006874  
Conc: 98.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



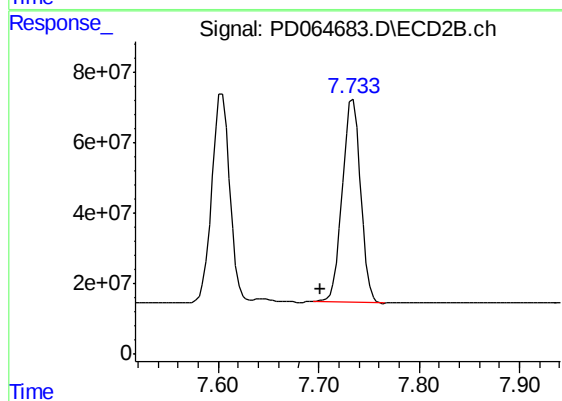
#21 Endrin ketone

R.T.: 9.269 min  
Delta R.T.: -0.002 min  
Response: 603481125  
Conc: 100.61 ng/ml



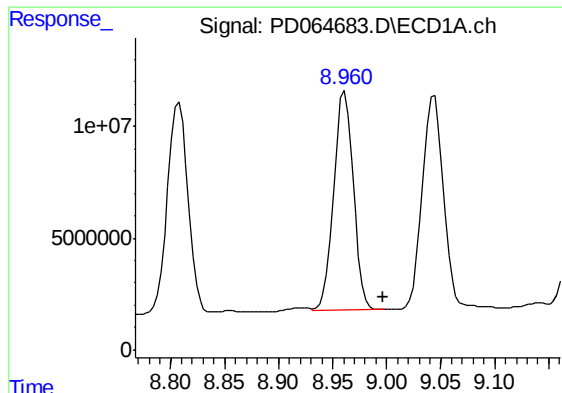
#22 Toxaphene-1

R.T.: 8.421 min  
Delta R.T.: -0.042 min  
Response: 141169957  
Conc: 15128.81 ng/ml



#22 Toxaphene-1

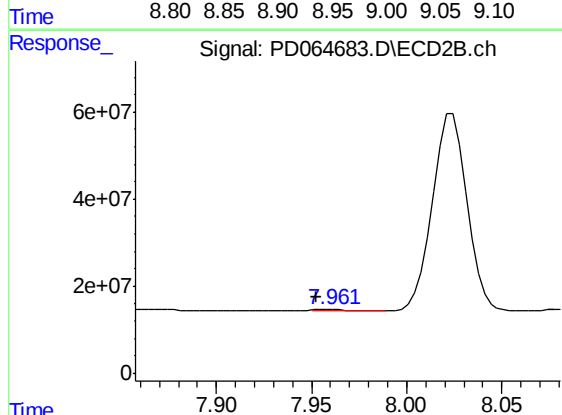
R.T.: 7.734 min  
Delta R.T.: 0.033 min  
Response: 726533126  
Conc: 19309.60 ng/ml



#23 Toxaphene-2

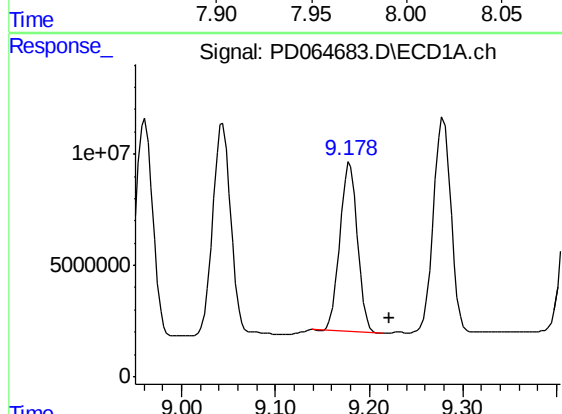
R.T.: 8.961 min  
Delta R.T.: -0.035 min  
Response: 125284142  
Conc: 7186.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



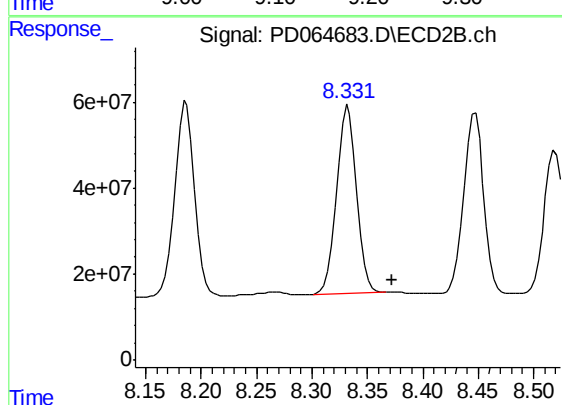
#23 Toxaphene-2

R.T.: 7.959 min  
Delta R.T.: 0.007 min  
Response: 1041845  
Conc: 12.34 ng/ml



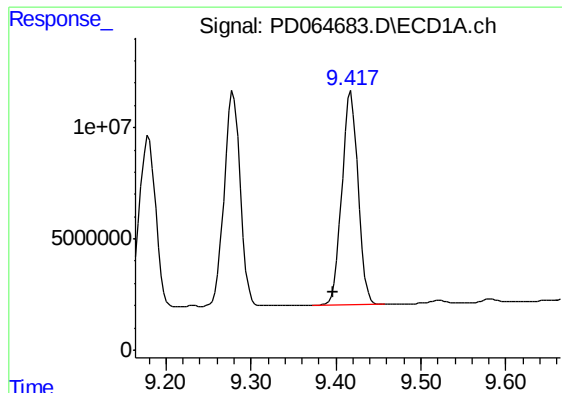
#24 Toxaphene-3

R.T.: 9.180 min  
Delta R.T.: -0.042 min  
Response: 99647582  
Conc: 8220.60 ng/ml



#24 Toxaphene-3

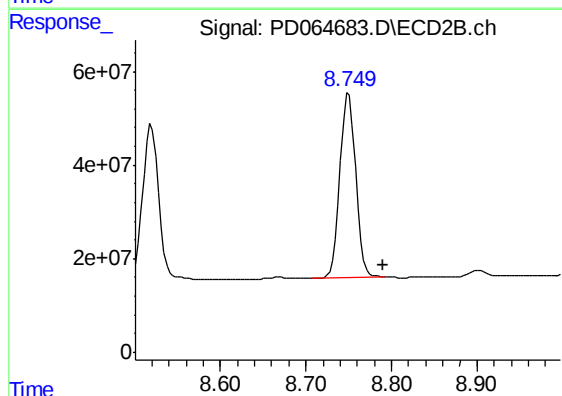
R.T.: 8.333 min  
Delta R.T.: -0.040 min  
Response: 551210700  
Conc: 4810.82 ng/ml



#25 Toxaphene-4

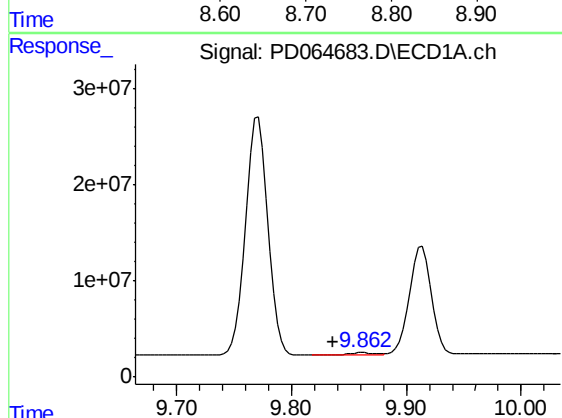
R.T.: 9.418 min  
Delta R.T.: 0.021 min  
Response: 127115980  
Conc: 5291.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



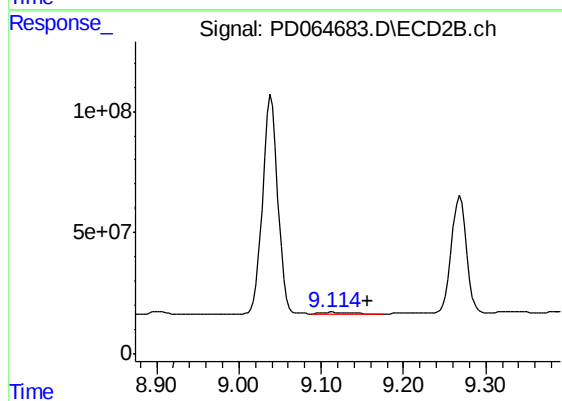
#25 Toxaphene-4

R.T.: 8.750 min  
Delta R.T.: -0.040 min  
Response: 504801653  
Conc: 8961.24 ng/ml



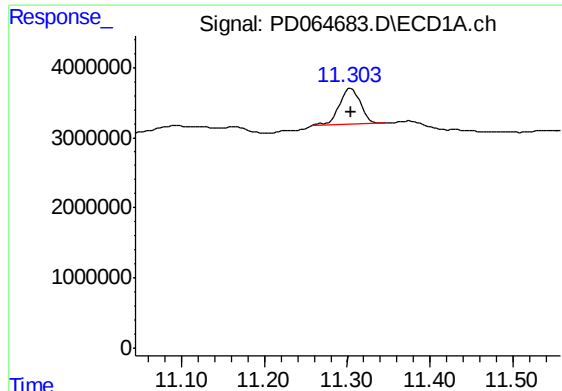
#26 Toxaphene-5

R.T.: 9.863 min  
Delta R.T.: 0.027 min  
Response: 2061116  
Conc: 111.64 ng/ml



#26 Toxaphene-5

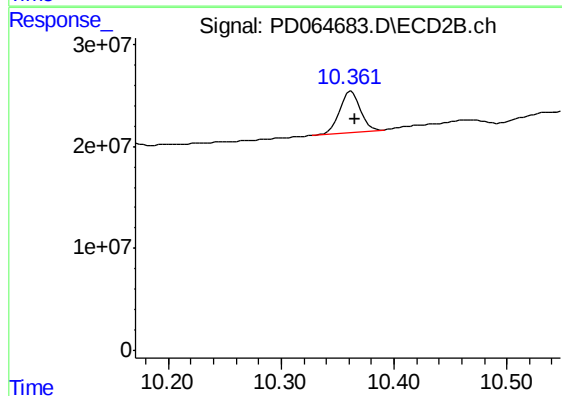
R.T.: 9.115 min  
Delta R.T.: -0.042 min  
Response: 10573531  
Conc: 84.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.305 min  
Delta R.T.: 0.000 min  
Response: 9305331  
Conc: 7.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BGEX1MS



#27 Decachlorobiphenyl

R.T.: 10.362 min  
Delta R.T.: -0.003 min  
Response: 52670305  
Conc: 8.86 ng/ml