

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
 Data File : PD063873.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jun 2021 21:00  
 Operator : AR\AJ  
 Sample : M2596-15  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BG5R4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 02:26:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 15 03:10:50 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... | 3.438  | 3.971  | 17768814 | 131.6E6   | 11.430   | 8.307 #    |
| 27)                         | SA Decachlor... | 8.191  | 9.026  | 56716576 | 188.7E6   | 32.766   | 13.608 #   |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 3.828f | 4.336  | 2964770  | 70392860  | 1.268    | 2.833 #    |
| 3)                          | MA gamma-BHC... | 4.162  | 4.623  | 38532554 | 89554016  | 16.931   | 3.925 #    |
| 4)                          | MA Heptachlor   | 4.439  | 5.174  | 17200786 | 264.5E6   | 7.879    | 11.355 #   |
| 5)                          | MB Aldrin       | 4.708  | 5.428f | 2307105  | 115.7E6   | 1.138    | 5.254 #    |
| 6)                          | B beta-BHC      | 4.398  | 4.833  | 1905942  | 4350686   | 1.963    | 0.446 #    |
| 8)                          | B Heptachlo...  | 5.147  | 5.828  | 11745546 | 163.7E6   | 6.194    | 7.954 #    |
| 9)                          | A Endosulfan I  | 5.510  | 6.200  | 46321421 | 12011098  | 25.314   | 0.606 #    |
| 10)                         | B trans-Chl...  | 5.374  | 6.073  | 202.0E6  | 2180.8E6  | 103.850  | 103.678    |
| 11)                         | B cis-Chlor...  | 5.433  | 6.149  | 159.9E6  | 2070.9E6  | 84.173   | 102.823    |
| 12)                         | B 4,4'-DDE      | 5.597  | 6.301  | 14897408 | 241.5E6   | 7.545    | 11.954 #   |
| 13)                         | MA Dieldrin     | 5.731  | 6.455  | 30325674 | 27695039  | 14.491   | 1.324 #    |
| 14)                         | MA Endrin       | 5.986  | 6.669  | 13140546 | -61203241 | 7.266    | N.D. #     |
| 15)                         | B Endosulfa...  | 6.267  | 6.896  | 38098555 | 95538937  | 23.315   | 5.904 #    |
| 16)                         | A 4,4'-DDD      | 6.117  | 6.793  | 12470206 | 240.6E6   | 7.553    | 14.293 #   |
| 17)                         | MA 4,4'-DDT     | 6.355  | 7.094  | 46308156 | 481.4E6   | 27.515   | 29.242     |
| 18)                         | B Endrin al...  | 6.445  | 7.001  | 3701683  | 38877514  | 2.593    | 2.764      |
| 19)                         | B Endosulfa...  | 6.661  | 7.201  | 11315003 | 63734749  | 7.289    | 3.873 #    |
| 20)                         | A Methoxychlor  | 6.888  | 7.566  | 6817234  | 8889663   | 7.394    | 1.149 #    |
| 21)                         | B Endrin ke...  | 7.078f | 0.000  | 69377580 | 0         | 36.570   | N.D. #     |
| 22)                         | Toxaphene-1     | 5.703  | 6.379  | 42524271 | 355.4E6   | 3581.192 | 4076.697   |
| 23)                         | Toxaphene-2     | 5.856  | 6.669  | 7752732  | -61203241 | 644.373  | N.D. #     |
| 24)                         | Toxaphene-3     | 6.162  | 7.094  | 4266476  | 481.4E6   | 311.963  | 3494.157 # |
| 25)                         | Toxaphene-4     | 6.267  | 7.147  | 38098555 | 56325159  | 1203.236 | 136.536 #  |
| 26)                         | Toxaphene-5     | 7.028  | 7.607  | 4954733  | 383.8E6   | 139.051  | 2246.888 # |
| -----                       |                 |        |        |          |           |          |            |

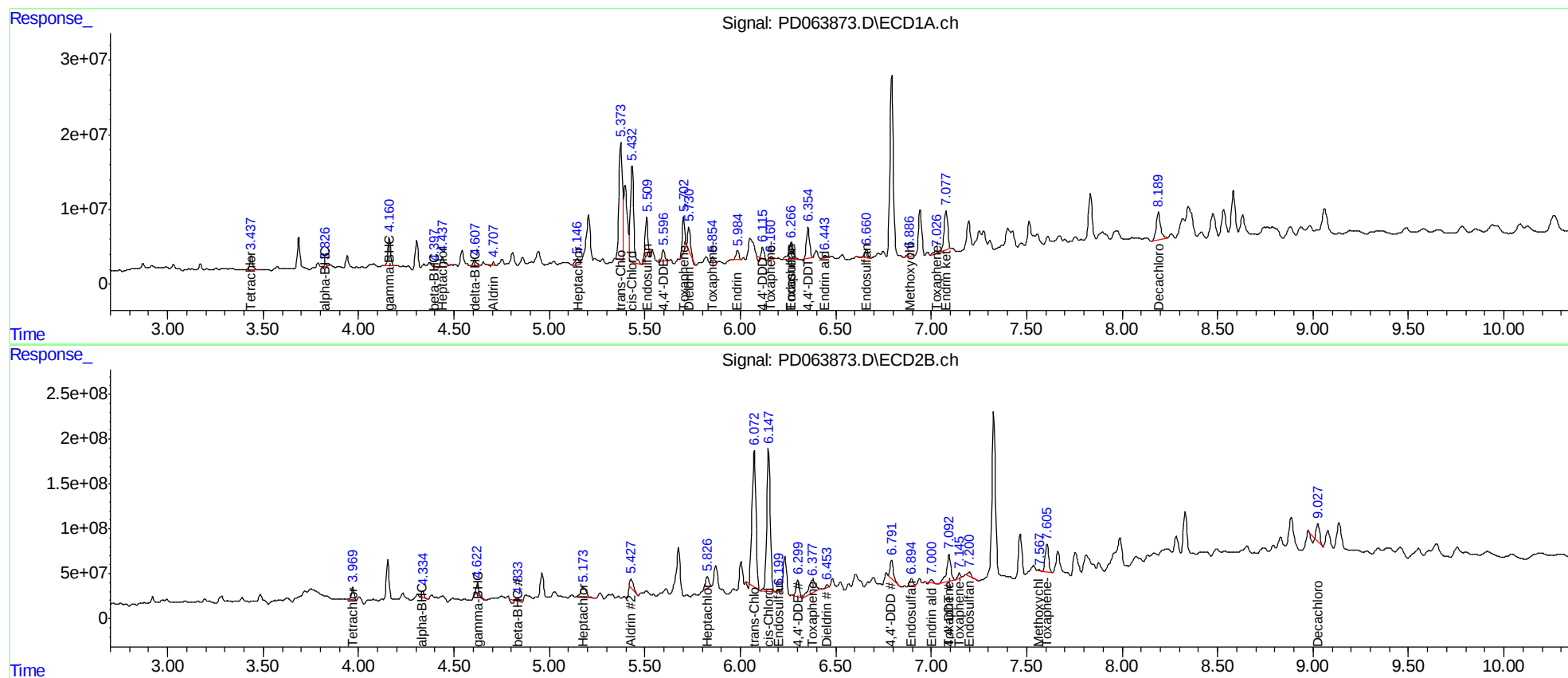
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

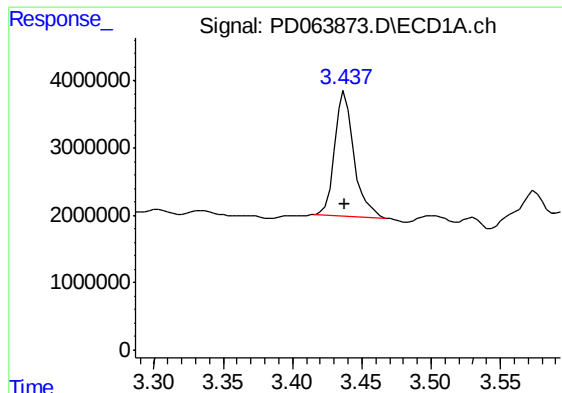
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063873.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jun 2021 21:00  
Operator : AR\AJ  
Sample : M2596-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 02:26:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 15 03:10:50 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

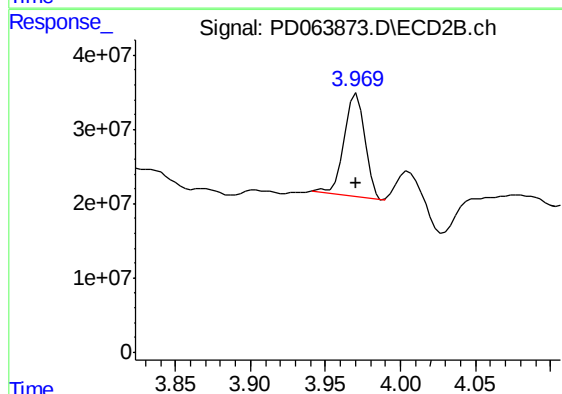




#1 Tetrachloro-m-xylene

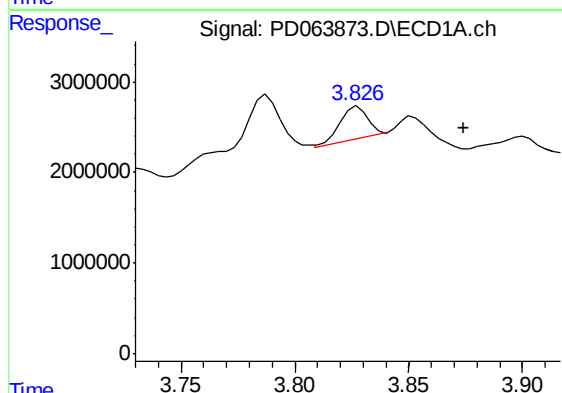
R.T.: 3.438 min  
Delta R.T.: 0.000 min  
Response: 17768814  
Conc: 11.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



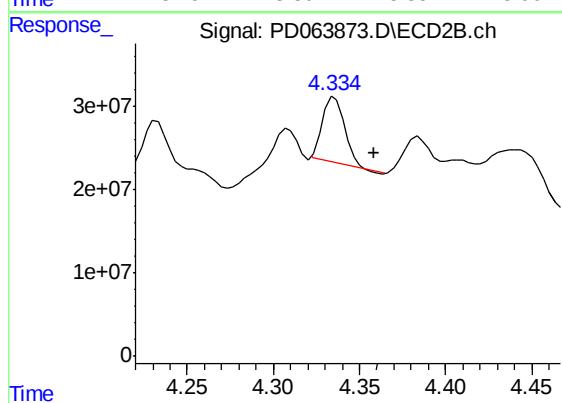
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 131565858  
Conc: 8.31 ng/ml



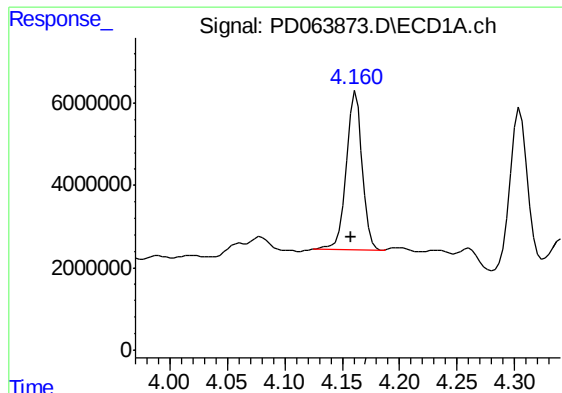
#2 alpha-BHC

R.T.: 3.828 min  
Delta R.T.: -0.047 min  
Response: 2964770  
Conc: 1.27 ng/ml



#2 alpha-BHC

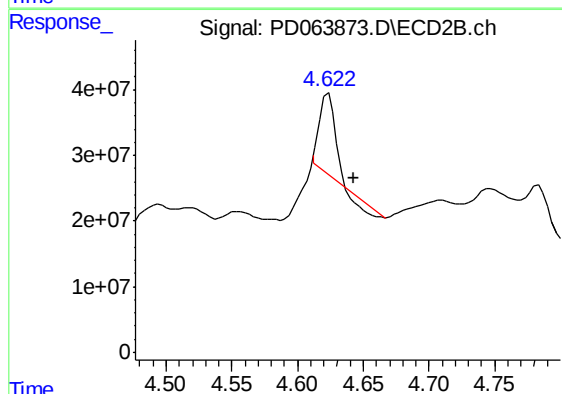
R.T.: 4.336 min  
Delta R.T.: -0.023 min  
Response: 70392860  
Conc: 2.83 ng/ml



#3 gamma-BHC (Lindane)

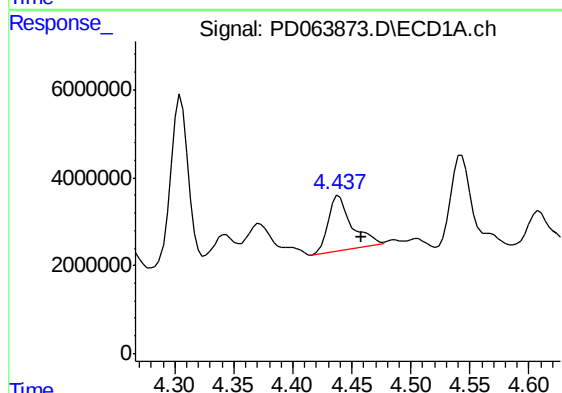
R.T.: 4.162 min  
Delta R.T.: 0.004 min  
Response: 38532554  
Conc: 16.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



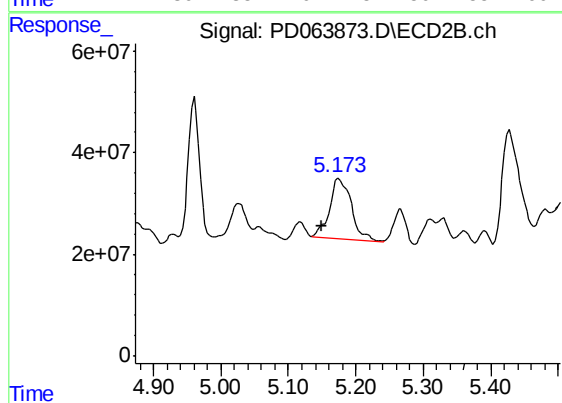
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: -0.019 min  
Response: 89554016  
Conc: 3.92 ng/ml



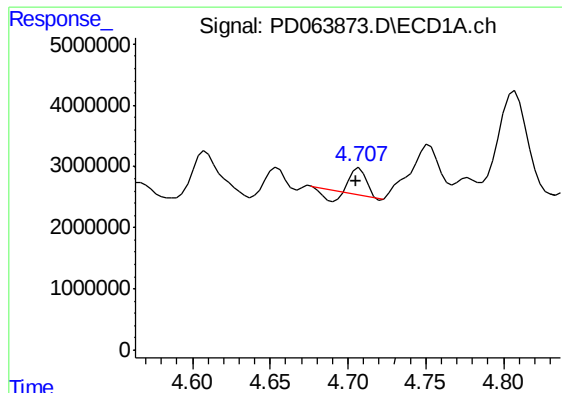
#4 Heptachlor

R.T.: 4.439 min  
Delta R.T.: -0.019 min  
Response: 17200786  
Conc: 7.88 ng/ml



#4 Heptachlor

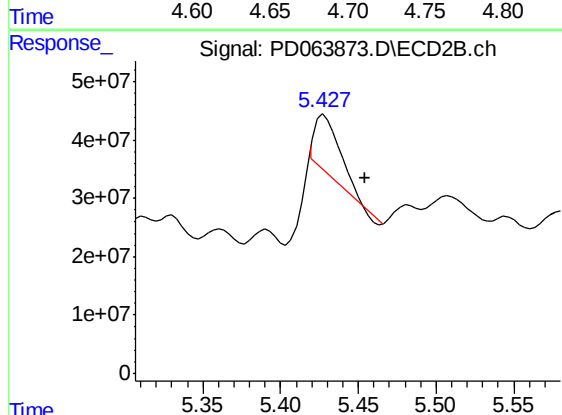
R.T.: 5.174 min  
Delta R.T.: 0.024 min  
Response: 264528168  
Conc: 11.36 ng/ml



#5 Aldrin

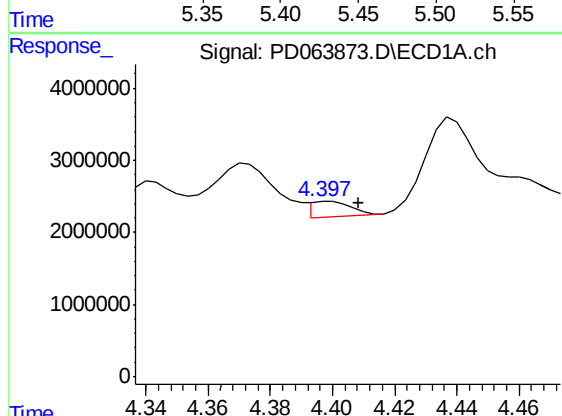
R.T.: 4.708 min  
Delta R.T.: 0.002 min  
Response: 2307105  
Conc: 1.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



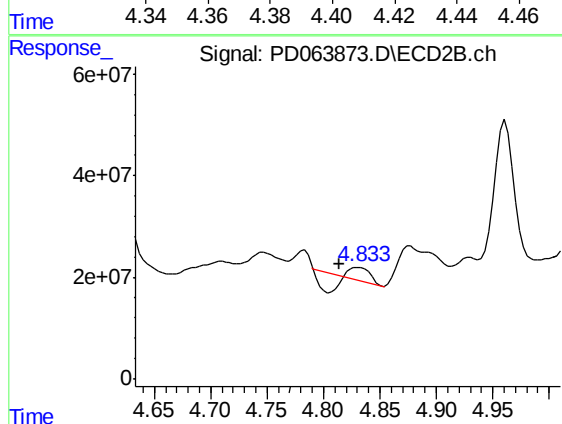
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.026 min  
Response: 115735578  
Conc: 5.25 ng/ml



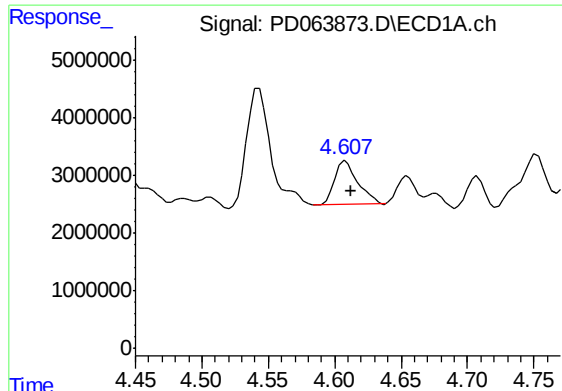
#6 beta-BHC

R.T.: 4.398 min  
Delta R.T.: -0.010 min  
Response: 1905942  
Conc: 1.96 ng/ml



#6 beta-BHC

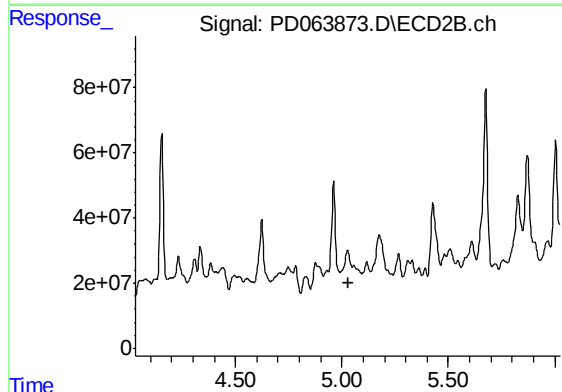
R.T.: 4.833 min  
Delta R.T.: 0.019 min  
Response: 4350686  
Conc: 0.45 ng/ml



#7 delta-BHC

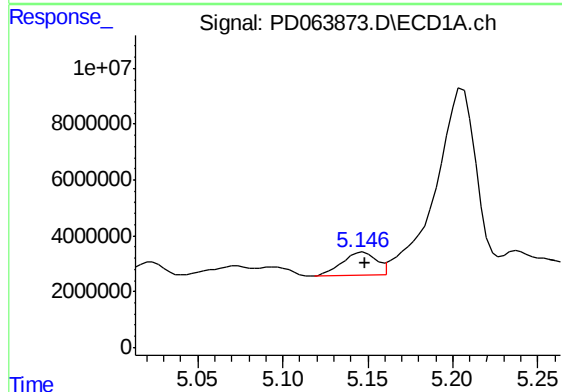
R.T.: 4.608 min  
Delta R.T.: -0.004 min  
Response: 9323739  
Conc: 4.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



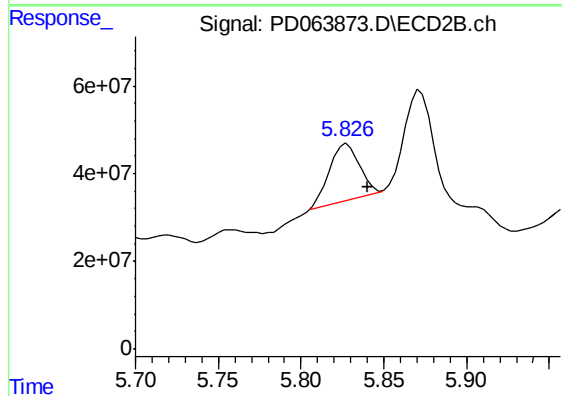
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: -0.003 min  
Response: -113218679  
Conc: N.D.



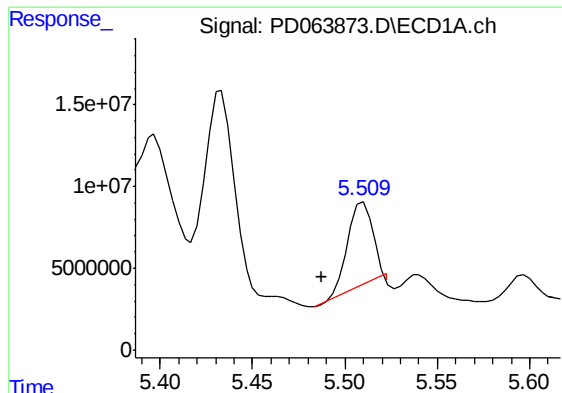
#8 Heptachlor epoxide

R.T.: 5.147 min  
Delta R.T.: -0.002 min  
Response: 11745546  
Conc: 6.19 ng/ml



#8 Heptachlor epoxide

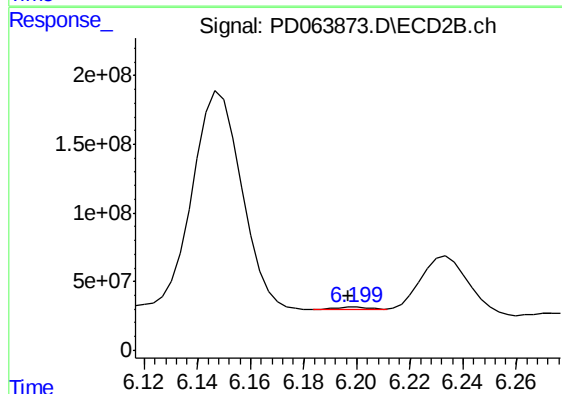
R.T.: 5.828 min  
Delta R.T.: -0.013 min  
Response: 163653803  
Conc: 7.95 ng/ml



#9 Endosulfan I

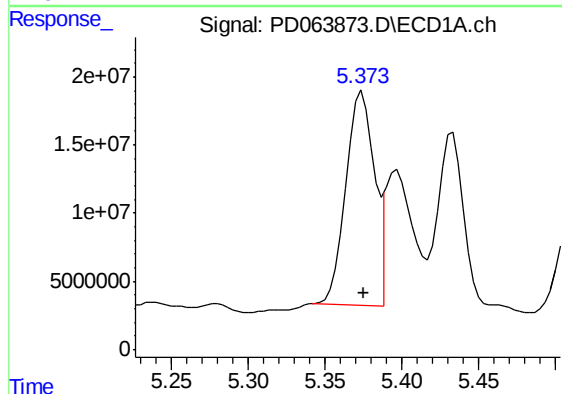
R.T.: 5.510 min  
Delta R.T.: 0.023 min  
Response: 46321421  
Conc: 25.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



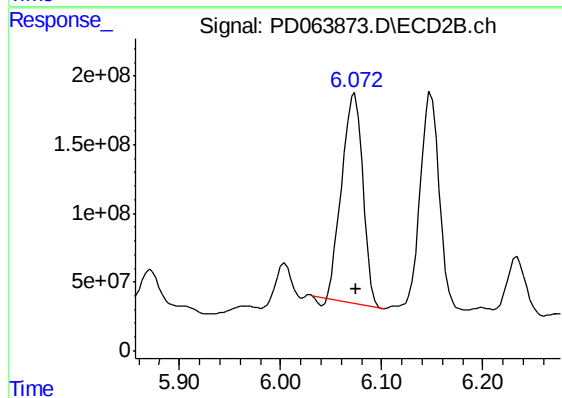
#9 Endosulfan I

R.T.: 6.200 min  
Delta R.T.: 0.003 min  
Response: 12011098  
Conc: 0.61 ng/ml



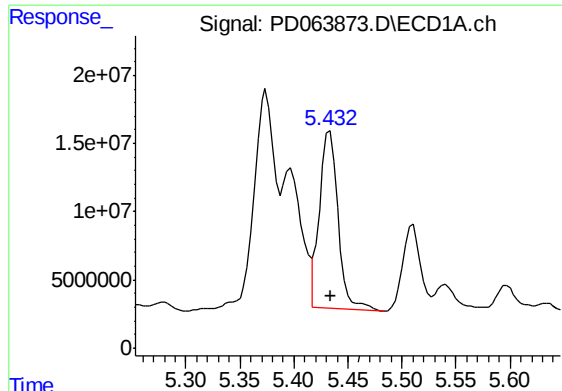
#10 trans-Chlordane

R.T.: 5.374 min  
Delta R.T.: -0.001 min  
Response: 201954571  
Conc: 103.85 ng/ml



#10 trans-Chlordane

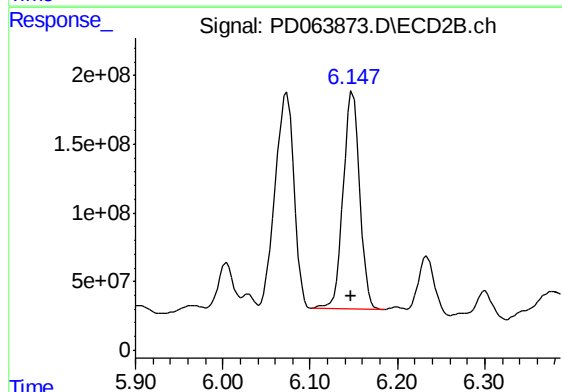
R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 2180835766  
Conc: 103.68 ng/ml



#11 cis-Chlordane

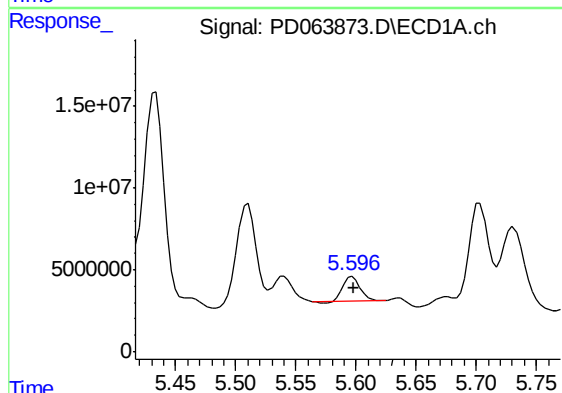
R.T.: 5.433 min  
Delta R.T.: -0.001 min  
Response: 159925111  
Conc: 84.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



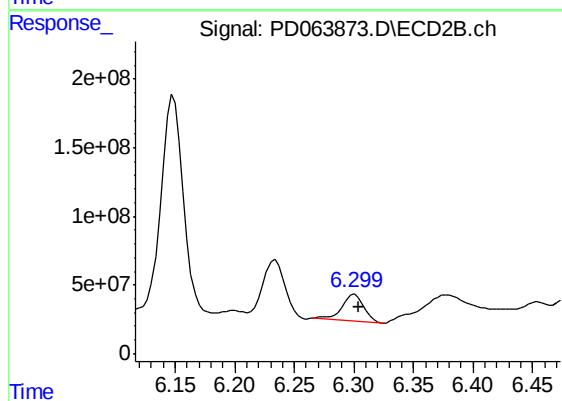
#11 cis-Chlordane

R.T.: 6.149 min  
Delta R.T.: 0.002 min  
Response: 2070882604  
Conc: 102.82 ng/ml



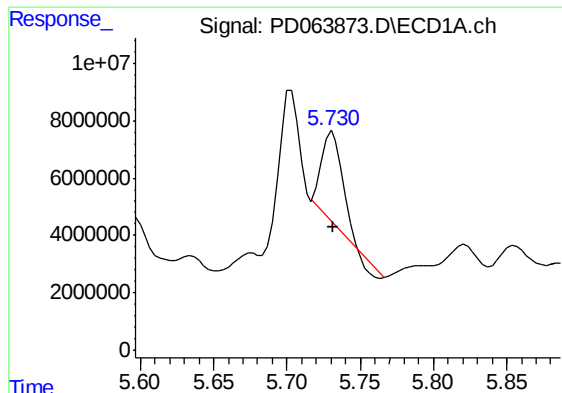
#12 4,4'-DDE

R.T.: 5.597 min  
Delta R.T.: 0.000 min  
Response: 14897408  
Conc: 7.55 ng/ml



#12 4,4'-DDE

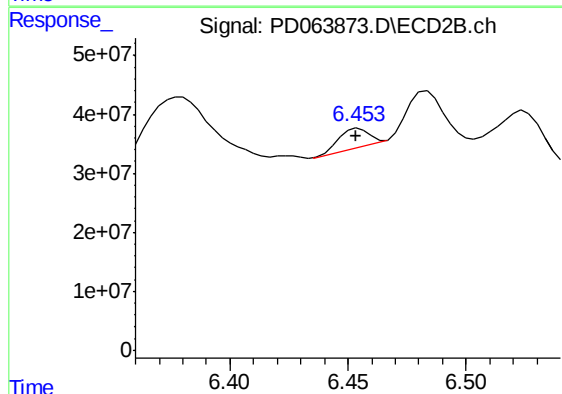
R.T.: 6.301 min  
Delta R.T.: -0.003 min  
Response: 241527617  
Conc: 11.95 ng/ml



#13 Dieldrin

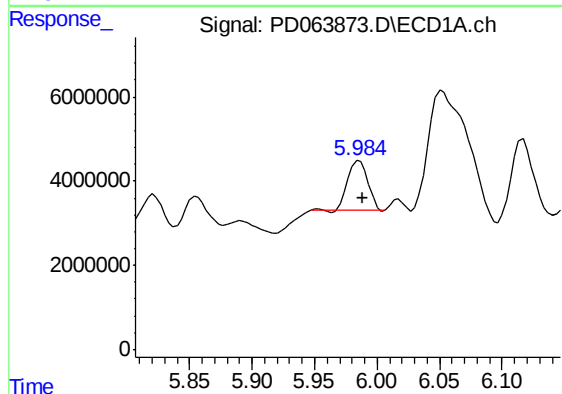
R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 30325674  
Conc: 14.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



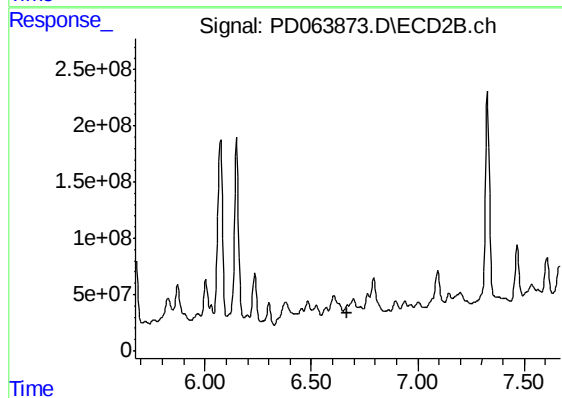
#13 Dieldrin

R.T.: 6.455 min  
Delta R.T.: 0.001 min  
Response: 27695039  
Conc: 1.32 ng/ml



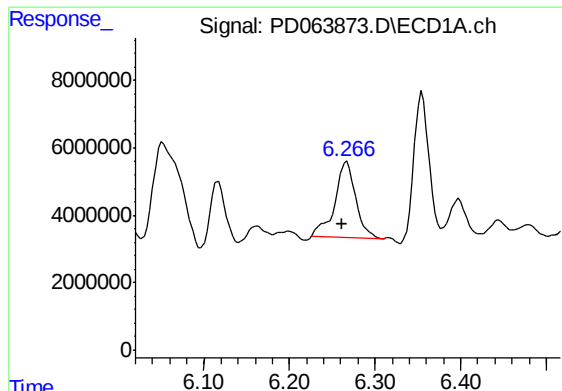
#14 Endrin

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 13140546  
Conc: 7.27 ng/ml



#14 Endrin

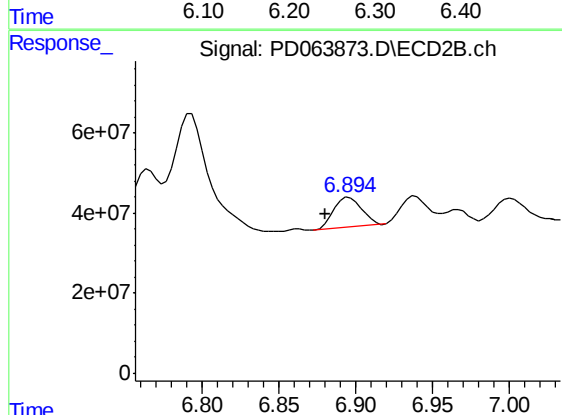
R.T.: 6.669 min  
Delta R.T.: -0.002 min  
Response: -61203241  
Conc: N.D.



#15 Endosulfan II

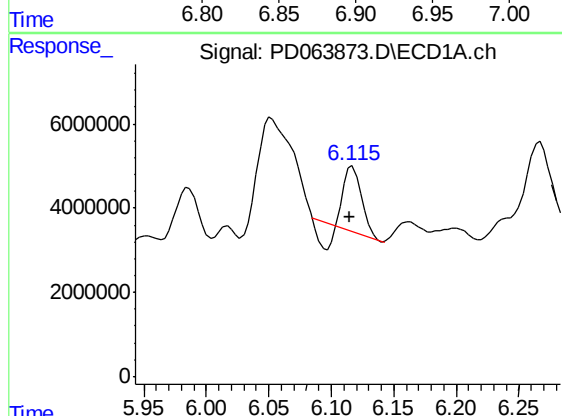
R.T.: 6.267 min  
Delta R.T.: 0.005 min  
Response: 38098555  
Conc: 23.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



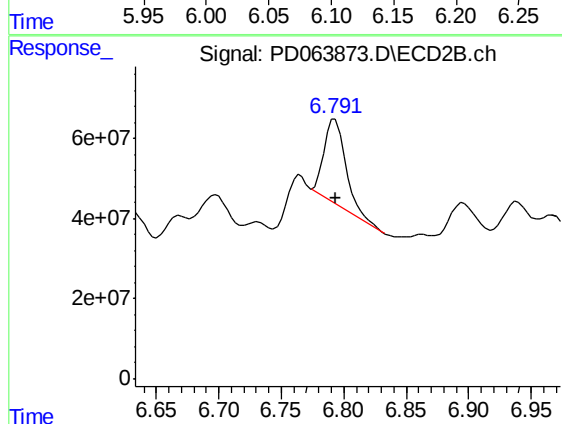
#15 Endosulfan II

R.T.: 6.896 min  
Delta R.T.: 0.015 min  
Response: 95538937  
Conc: 5.90 ng/ml



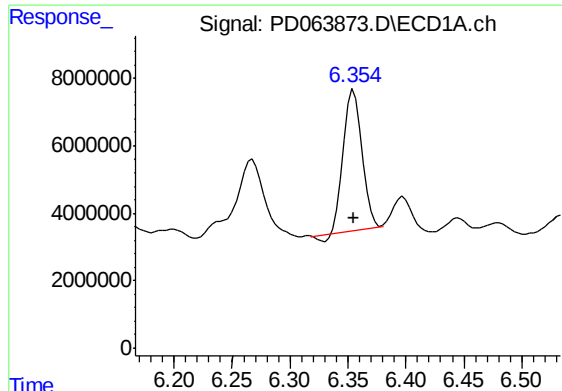
#16 4,4'-DDD

R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 12470206  
Conc: 7.55 ng/ml



#16 4,4'-DDD

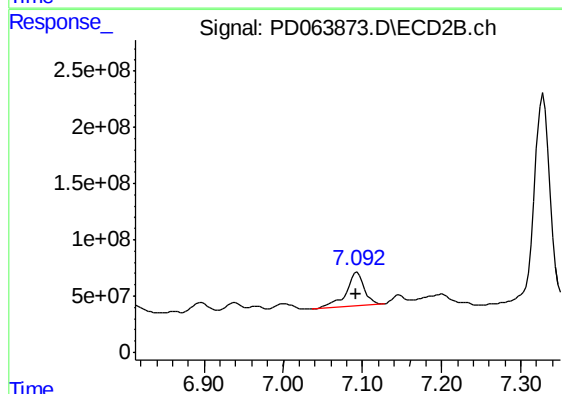
R.T.: 6.793 min  
Delta R.T.: -0.001 min  
Response: 240592563  
Conc: 14.29 ng/ml



#17 4,4'-DDT

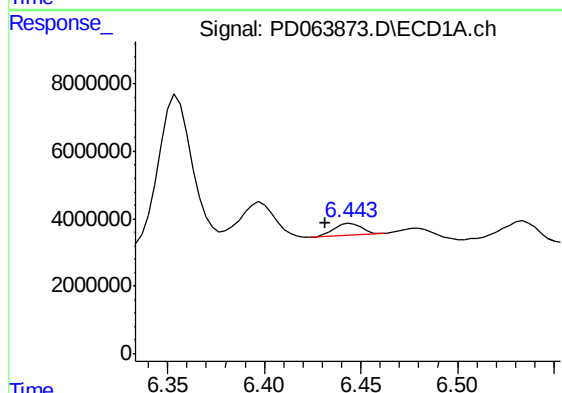
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 46308156  
Conc: 27.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



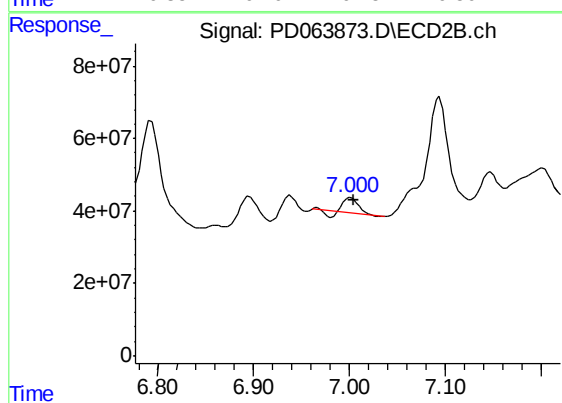
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: 0.001 min  
Response: 481398434  
Conc: 29.24 ng/ml



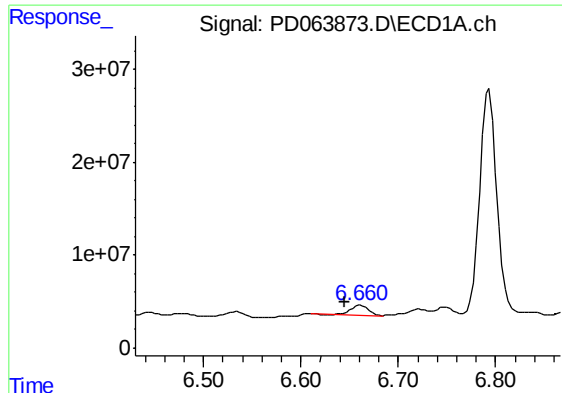
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: 0.013 min  
Response: 3701683  
Conc: 2.59 ng/ml



#18 Endrin aldehyde

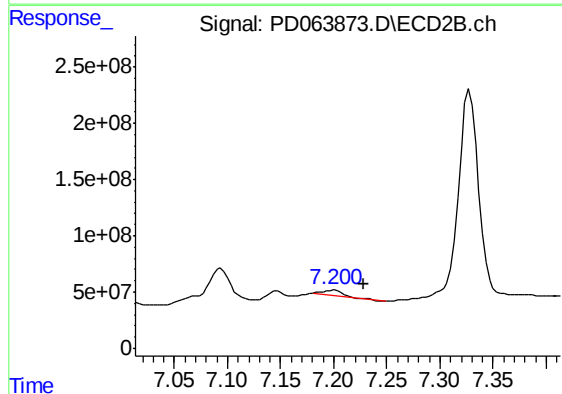
R.T.: 7.001 min  
Delta R.T.: -0.003 min  
Response: 38877514  
Conc: 2.76 ng/ml



#19 Endosulfan Sulfate

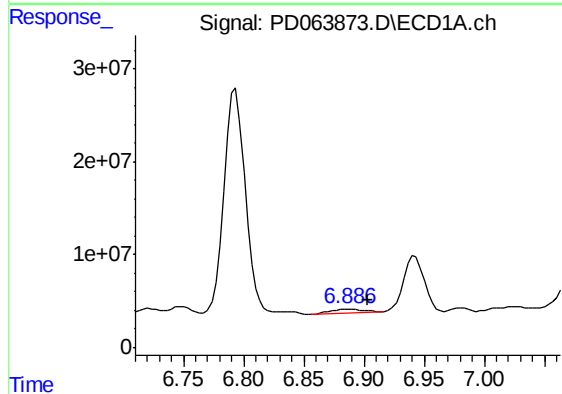
R.T.: 6.661 min  
Delta R.T.: 0.016 min  
Response: 11315003  
Conc: 7.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



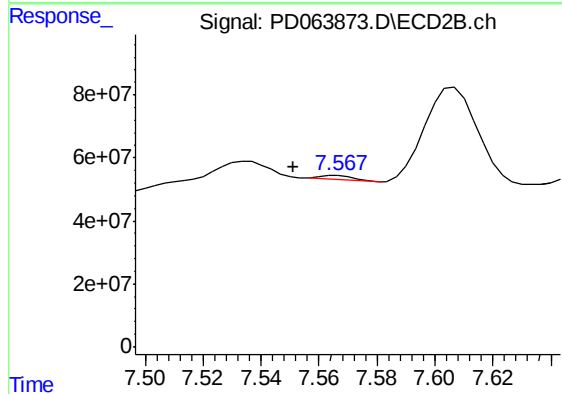
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: -0.027 min  
Response: 63734749  
Conc: 3.87 ng/ml



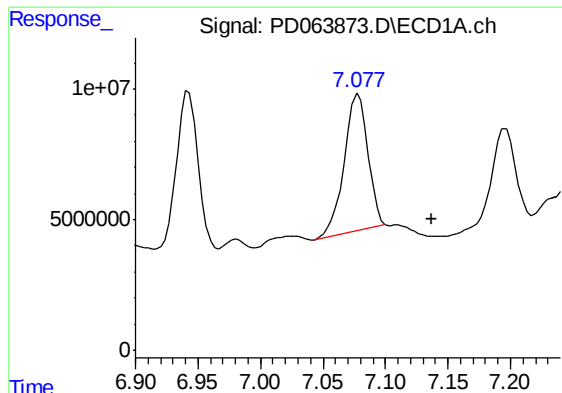
#20 Methoxychlor

R.T.: 6.888 min  
Delta R.T.: -0.015 min  
Response: 6817234  
Conc: 7.39 ng/ml



#20 Methoxychlor

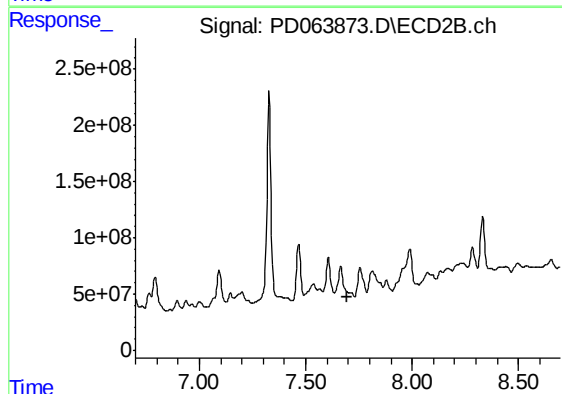
R.T.: 7.566 min  
Delta R.T.: 0.014 min  
Response: 8889663  
Conc: 1.15 ng/ml



#21 Endrin ketone

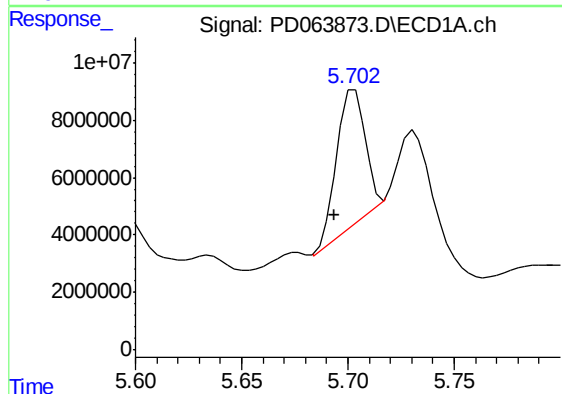
R.T.: 7.078 min  
Delta R.T.: -0.059 min  
Response: 69377580  
Conc: 36.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



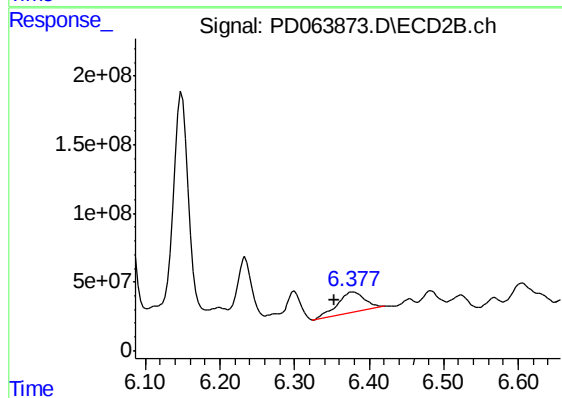
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.698 min  
Response: 0  
Conc: N.D.



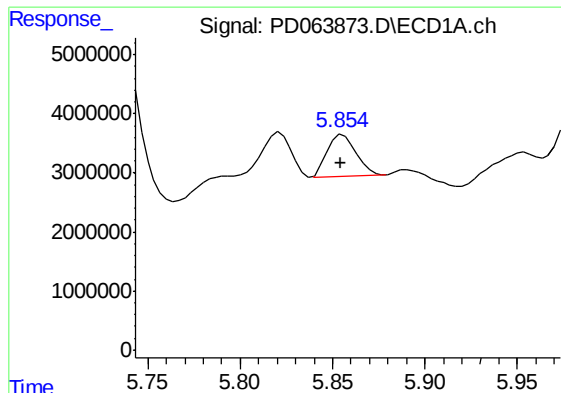
#22 Toxaphene-1

R.T.: 5.703 min  
Delta R.T.: 0.010 min  
Response: 42524271  
Conc: 3581.19 ng/ml



#22 Toxaphene-1

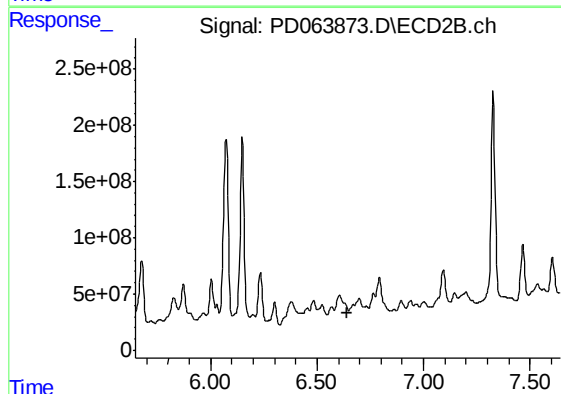
R.T.: 6.379 min  
Delta R.T.: 0.025 min  
Response: 355372767  
Conc: 4076.70 ng/ml



#23 Toxaphene-2

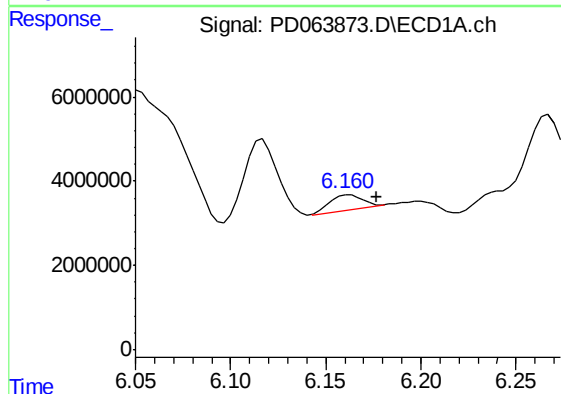
R.T.: 5.856 min  
Delta R.T.: 0.001 min  
Response: 7752732  
Conc: 644.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



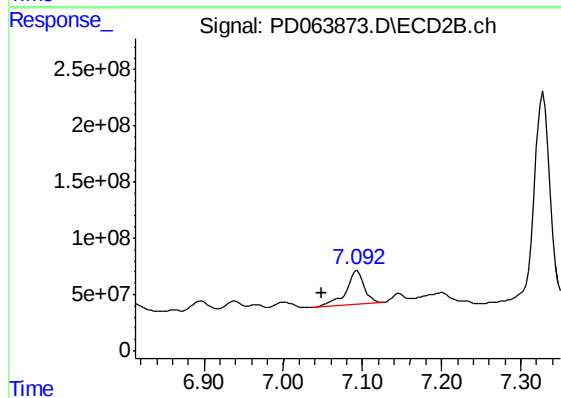
#23 Toxaphene-2

R.T.: 6.669 min  
Delta R.T.: 0.025 min  
Response: -61203241  
Conc: N.D.



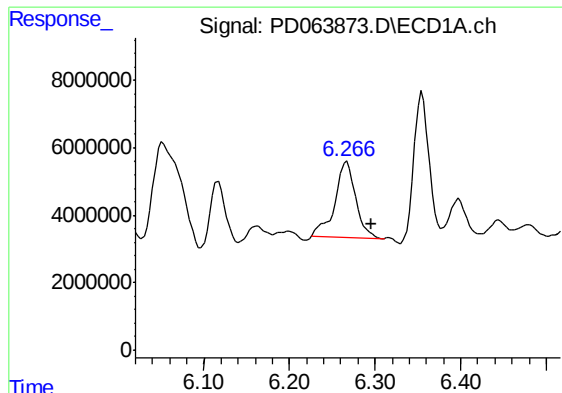
#24 Toxaphene-3

R.T.: 6.162 min  
Delta R.T.: -0.015 min  
Response: 4266476  
Conc: 311.96 ng/ml



#24 Toxaphene-3

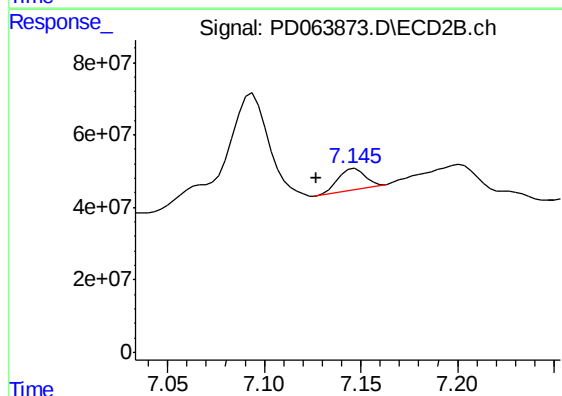
R.T.: 7.094 min  
Delta R.T.: 0.046 min  
Response: 481398434  
Conc: 3494.16 ng/ml



#25 Toxaphene-4

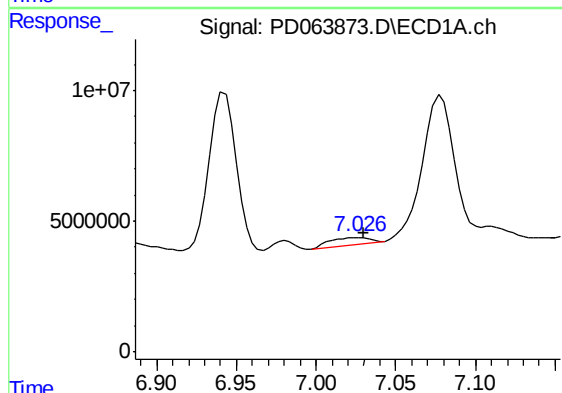
R.T.: 6.267 min  
Delta R.T.: -0.029 min  
Response: 38098555  
Conc: 1203.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



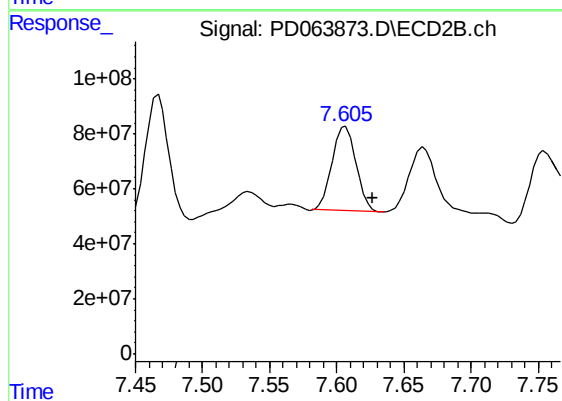
#25 Toxaphene-4

R.T.: 7.147 min  
Delta R.T.: 0.020 min  
Response: 56325159  
Conc: 136.54 ng/ml



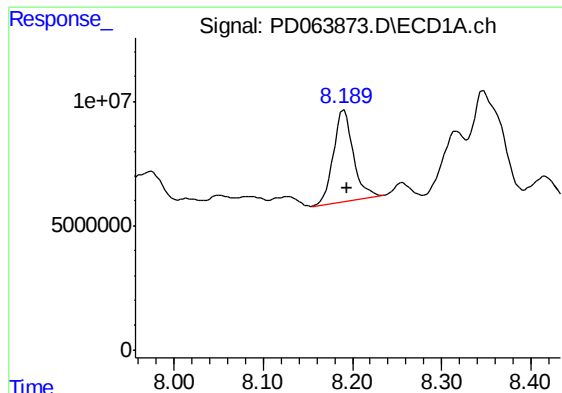
#26 Toxaphene-5

R.T.: 7.028 min  
Delta R.T.: -0.002 min  
Response: 4954733  
Conc: 139.05 ng/ml



#26 Toxaphene-5

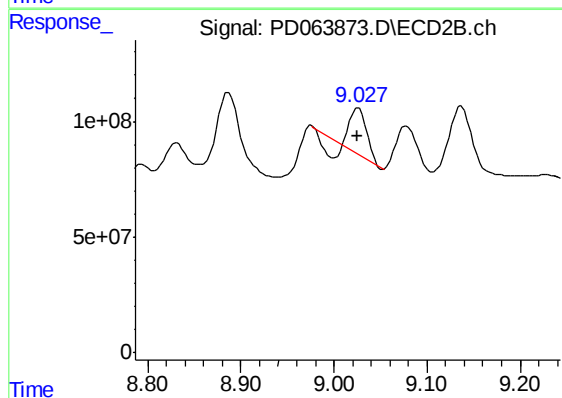
R.T.: 7.607 min  
Delta R.T.: -0.020 min  
Response: 383784822  
Conc: 2246.89 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.191 min  
Delta R.T.: -0.003 min  
Response: 56716576  
Conc: 32.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4



#27 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.001 min  
Response: 188719925  
Conc: 13.61 ng/ml