

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061621\  
 Data File : PD063889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2021 15:27  
 Operator : AR\AJ  
 Sample : M2596-15DL 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BG5R4DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 00:18:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 03 06:08:10 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... | 3.445  | 3.971  | 8369555  | 66385100  | 6.098   | 4.716      |
| 27)                         | SA Decachlor... | 8.201  | 9.029  | 28850547 | 133.2E6   | 17.757  | 9.080 #    |
| Target Compounds            |                 |        |        |          |           |         |            |
| 2)                          | A alpha-BHC     | 3.860  | 4.336  | 865017   | 185.4E6   | 0.424   | 8.389 #    |
| 3)                          | MA gamma-BHC... | 4.170  | 4.624  | 19238618 | 47154455  | 9.556   | 2.308 #    |
| 4)                          | MA Heptachlor   | 4.448  | 5.174  | 10960448 | 179.6E6   | 5.633   | 8.644 #    |
| 5)                          | MB Aldrin       | 4.716  | 5.428f | 2810165  | 69852830  | 1.496   | 3.394 #    |
| 6)                          | B beta-BHC      | 4.409  | 4.828  | 1965233  | -682927   | 2.113   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.157  | 5.828  | 2463933  | 83986810  | 1.401   | 4.220 #    |
| 9)                          | A Endosulfan I  | 5.443f | 6.201  | 86067598 | 7292688   | 52.348  | 0.408 #    |
| 10)                         | B trans-Chl...  | 5.384  | 6.075  | 111.8E6  | 1118.4E6  | 61.145  | 56.121     |
| 11)                         | B cis-Chlor...  | 5.443  | 6.150  | 86067598 | 1120.8E6  | 48.527  | 59.295     |
| 12)                         | B 4,4'-DDE      | 5.607  | 6.302  | 6029422  | 128.8E6   | 3.339   | 6.807 #    |
| 13)                         | MA Dieldrin     | 5.741  | 6.457  | 17904072 | 5526732   | 9.558   | 0.289 #    |
| 14)                         | MA Endrin       | 5.996  | 6.671  | 7450014  | -21765559 | 4.610   | N.D. #     |
| 15)                         | B Endosulfa...  | 6.277  | 6.898  | 20962434 | 66176718  | 13.958  | 4.372 #    |
| 16)                         | A 4,4'-DDD      | 6.127  | 6.795  | 2828065  | 123.1E6   | 1.914   | 8.100 #    |
| 17)                         | MA 4,4'-DDT     | 6.365  | 7.096  | 24182204 | 287.0E6   | 15.928  | 18.676     |
| 18)                         | B Endrin al...  | 6.455  | 7.003  | 503193   | 31152384  | 0.386   | 2.360 #    |
| 19)                         | B Endosulfa...  | 6.671  | 7.205  | 6021472  | 30753636  | 4.193   | 1.973 #    |
| 20)                         | A Methoxychlor  | 6.898  | 7.540  | 4329425  | 130.8E6   | 5.246   | 18.127 #   |
| 21)                         | B Endrin ke...  | 7.088f | 7.715  | 21604600 | 71723807  | 12.248  | 4.654 #    |
| 22)                         | Toxaphene-1     | 5.686  | 6.383  | 912913   | 290.4E6   | 80.786  | 3483.133 # |
| 23)                         | Toxaphene-2     | 5.866  | 6.671  | 4266770  | -21765559 | 370.215 | N.D. #     |
| 24)                         | Toxaphene-3     | 6.172  | 7.096  | 1848603  | 287.0E6   | 139.446 | 1999.369 # |
| 25)                         | Toxaphene-4     | 6.277  | 7.149  | 20962434 | 17971079  | 688.096 | 44.423 #   |
| 26)                         | Toxaphene-5     | 7.035  | 7.609  | 3970089  | 188.6E6   | 115.884 | 1042.500 # |
| -----                       |                 |        |        |          |           |         |            |

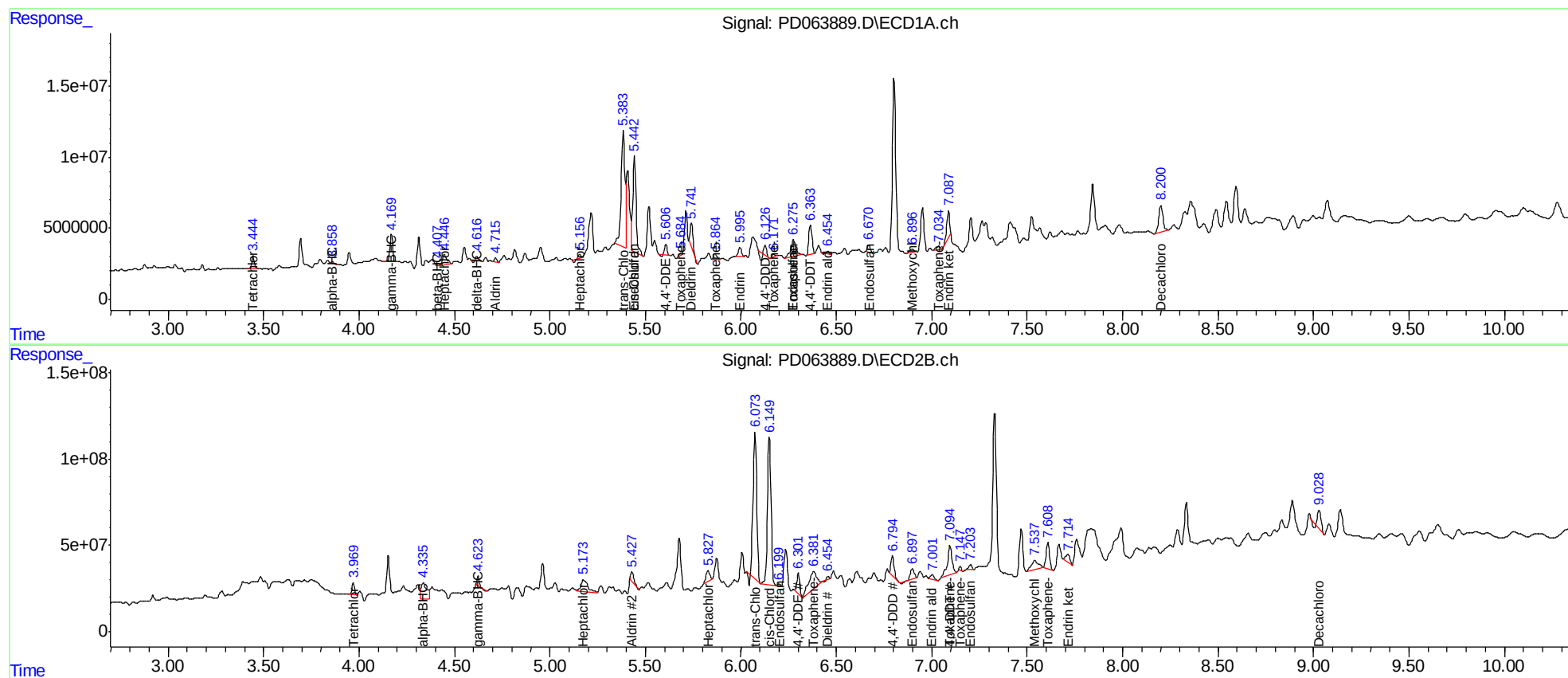
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

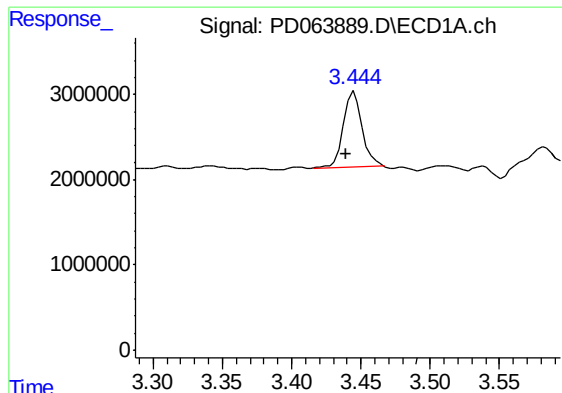
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061621\  
Data File : PD063889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2021 15:27  
Operator : AR\AJ  
Sample : M2596-15DL 2X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 00:18:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 03 06:08:10 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

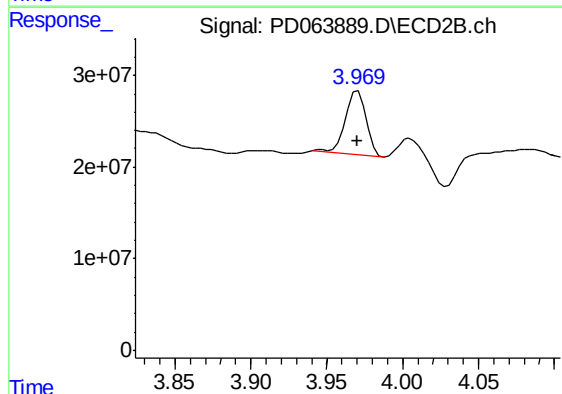




#1 Tetrachloro-m-xylene

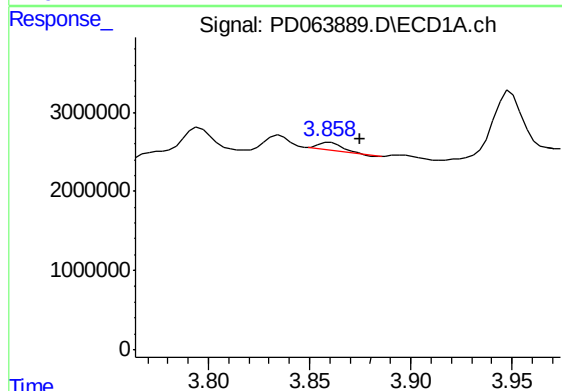
R.T.: 3.445 min  
Delta R.T.: 0.006 min  
Response: 8369555  
Conc: 6.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



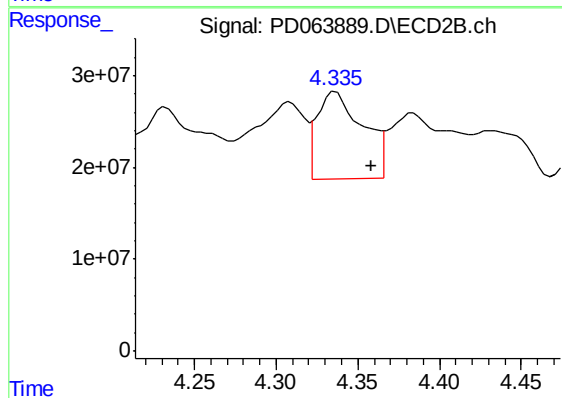
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 66385100  
Conc: 4.72 ng/ml



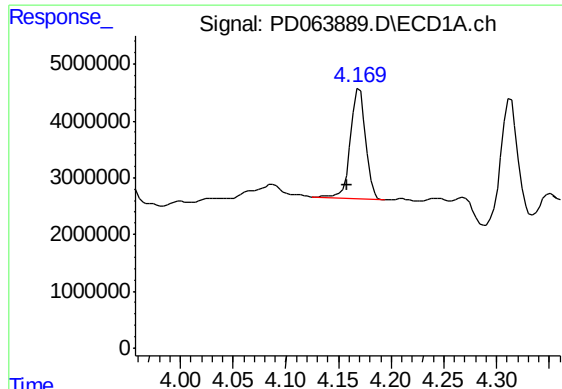
#2 alpha-BHC

R.T.: 3.860 min  
Delta R.T.: -0.015 min  
Response: 865017  
Conc: 0.42 ng/ml



#2 alpha-BHC

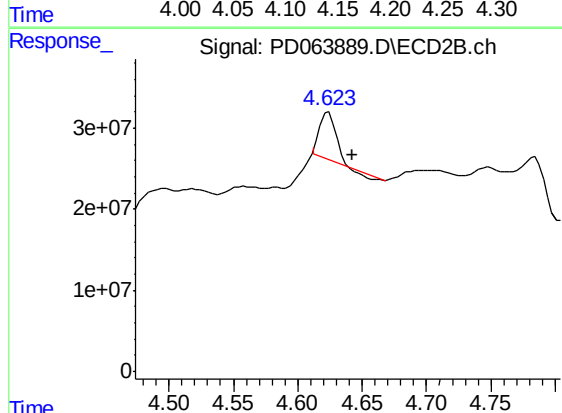
R.T.: 4.336 min  
Delta R.T.: -0.022 min  
Response: 185404326  
Conc: 8.39 ng/ml



#3 gamma-BHC (Lindane)

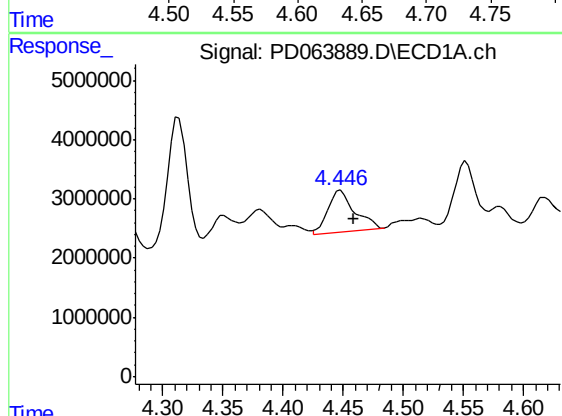
R.T.: 4.170 min  
Delta R.T.: 0.012 min  
Response: 19238618  
Conc: 9.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



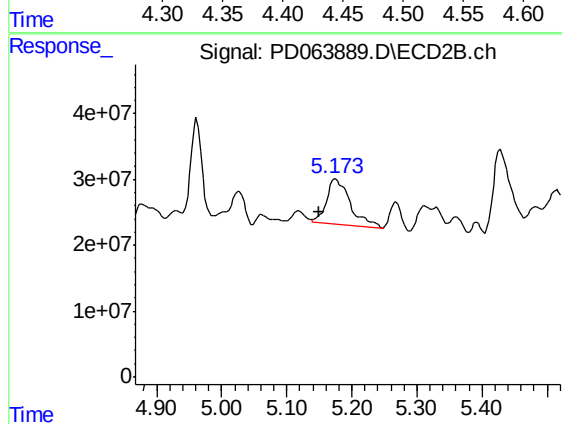
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: -0.018 min  
Response: 47154455  
Conc: 2.31 ng/ml



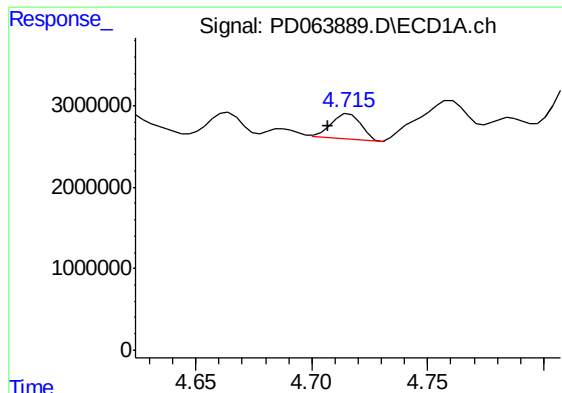
#4 Heptachlor

R.T.: 4.448 min  
Delta R.T.: -0.011 min  
Response: 10960448  
Conc: 5.63 ng/ml



#4 Heptachlor

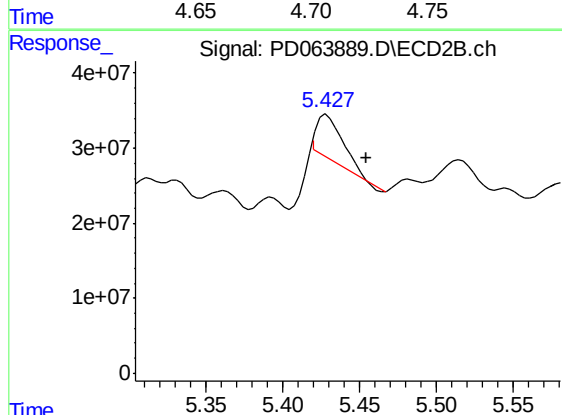
R.T.: 5.174 min  
Delta R.T.: 0.024 min  
Response: 179619278  
Conc: 8.64 ng/ml



#5 Aldrin

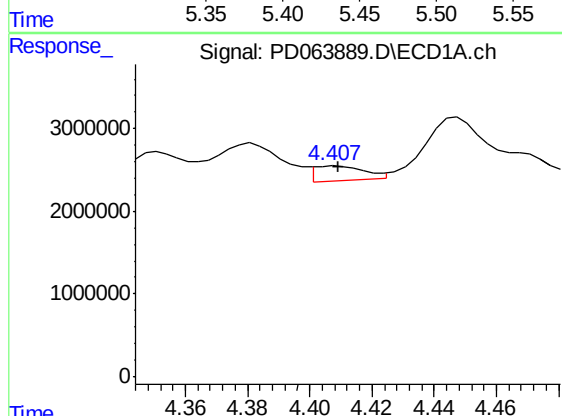
R.T.: 4.716 min  
Delta R.T.: 0.009 min  
Response: 2810165  
Conc: 1.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



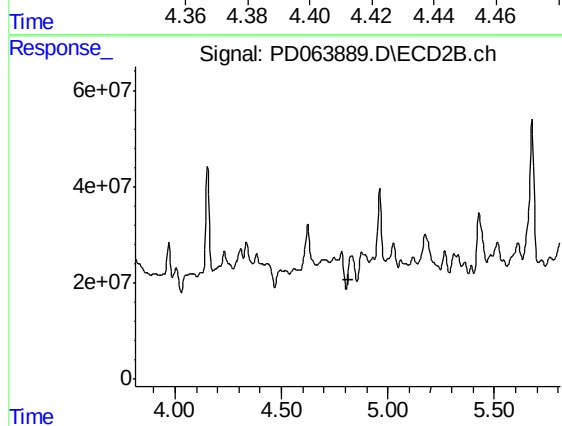
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.026 min  
Response: 69852830  
Conc: 3.39 ng/ml



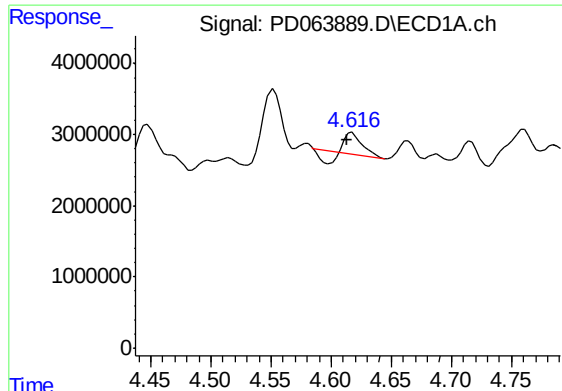
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 1965233  
Conc: 2.11 ng/ml



#6 beta-BHC

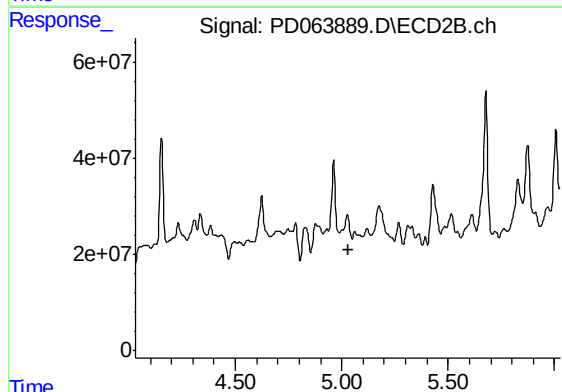
R.T.: 4.828 min  
Delta R.T.: 0.014 min  
Response: -682927  
Conc: N.D.



#7 delta-BHC

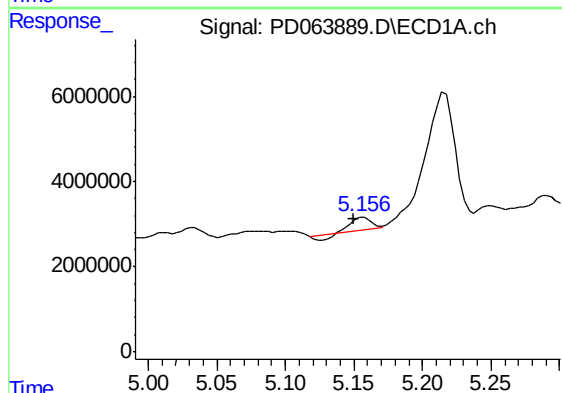
R.T.: 4.618 min  
Delta R.T.: 0.005 min  
Response: 1656305  
Conc: 0.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



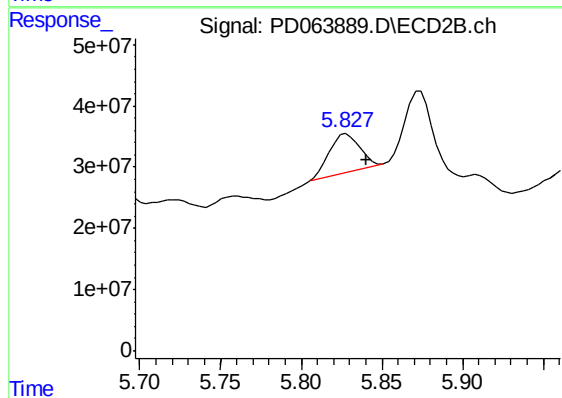
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: -0.003 min  
Response: -161076295  
Conc: N.D.



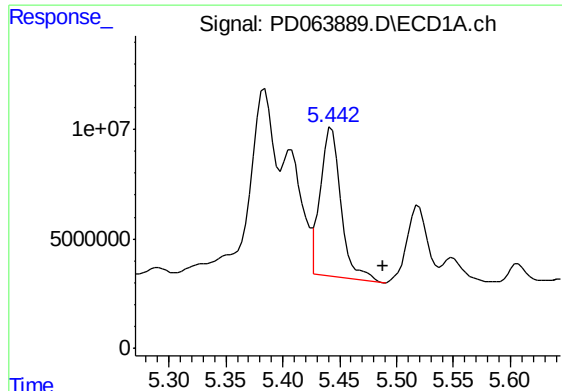
#8 Heptachlor epoxide

R.T.: 5.157 min  
Delta R.T.: 0.007 min  
Response: 2463933  
Conc: 1.40 ng/ml



#8 Heptachlor epoxide

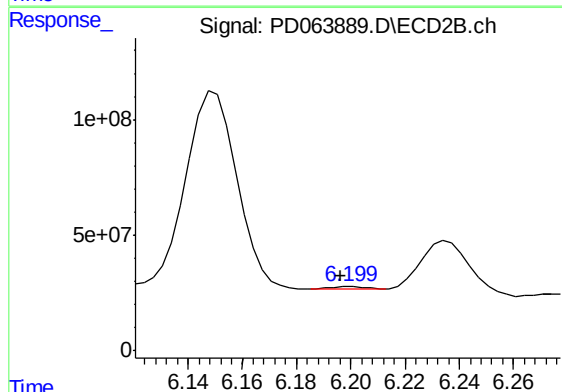
R.T.: 5.828 min  
Delta R.T.: -0.013 min  
Response: 83986810  
Conc: 4.22 ng/ml



#9 Endosulfan I

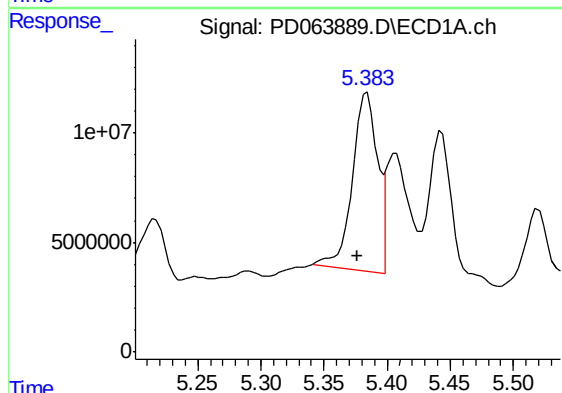
R.T.: 5.443 min  
Delta R.T.: -0.045 min  
Response: 86067598  
Conc: 52.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



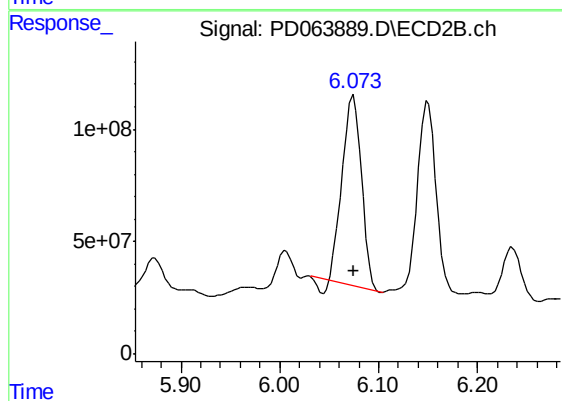
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: 0.004 min  
Response: 7292688  
Conc: 0.41 ng/ml



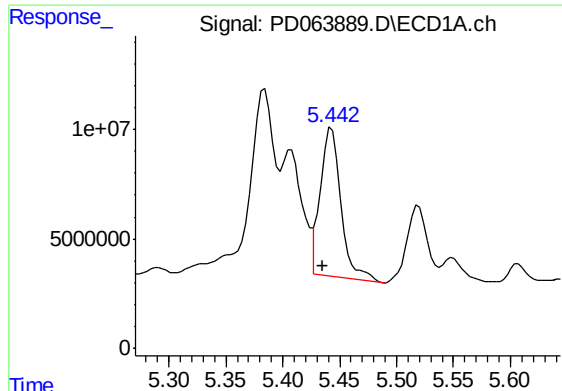
#10 trans-Chlordane

R.T.: 5.384 min  
Delta R.T.: 0.008 min  
Response: 111777348  
Conc: 61.15 ng/ml



#10 trans-Chlordane

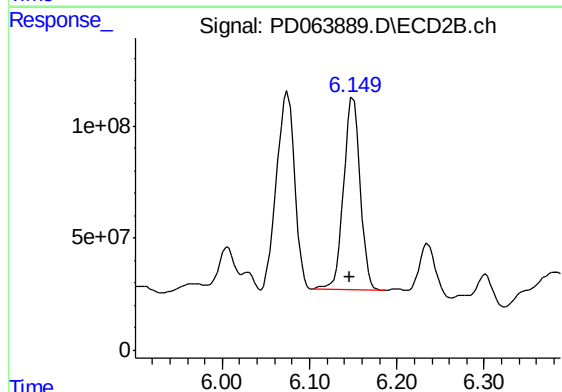
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 1118356996  
Conc: 56.12 ng/ml



#11 cis-Chlordane

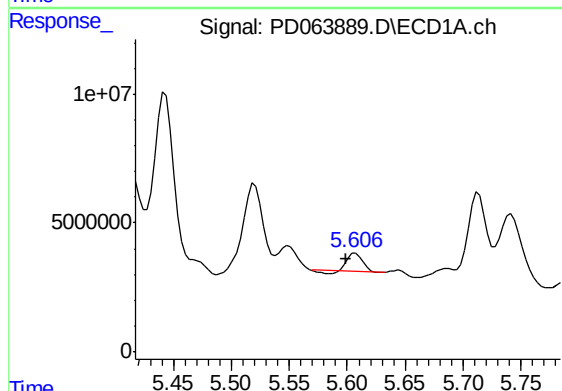
R.T.: 5.443 min  
Delta R.T.: 0.008 min  
Response: 86067598  
Conc: 48.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



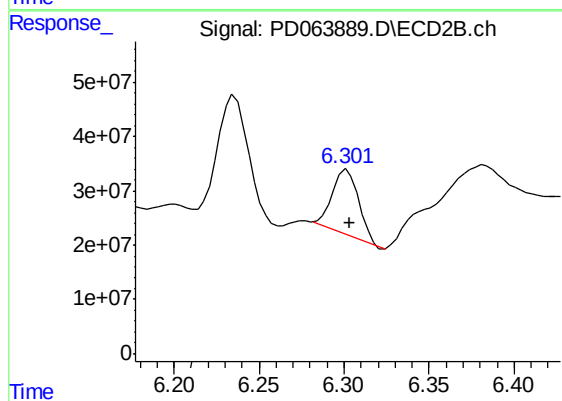
#11 cis-Chlordane

R.T.: 6.150 min  
Delta R.T.: 0.003 min  
Response: 1120767128  
Conc: 59.30 ng/ml



#12 4,4'-DDE

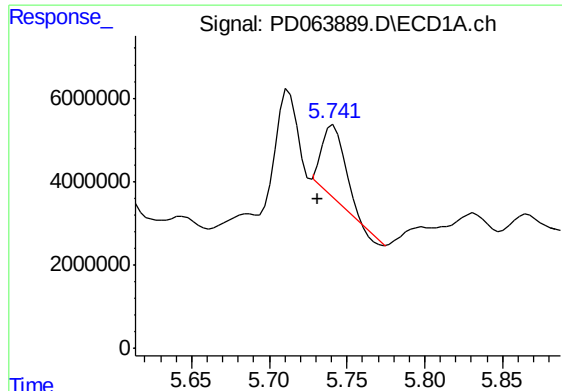
R.T.: 5.607 min  
Delta R.T.: 0.008 min  
Response: 6029422  
Conc: 3.34 ng/ml



#12 4,4'-DDE

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 128808329  
Conc: 6.81 ng/ml

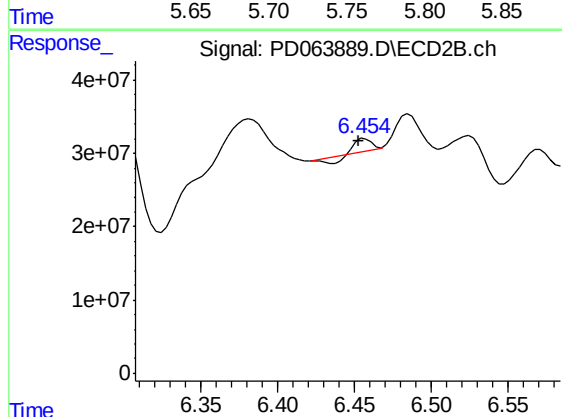




#13 Dieldrin

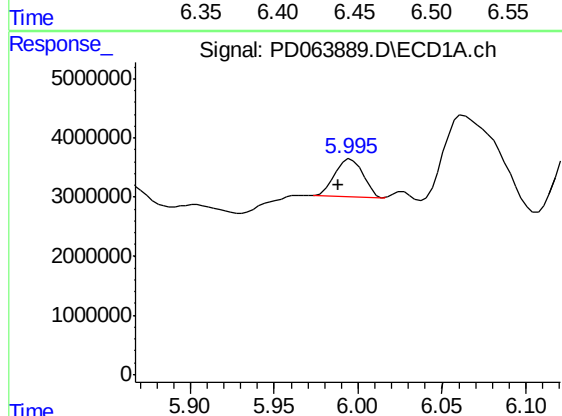
R.T.: 5.741 min  
Delta R.T.: 0.010 min  
Response: 17904072  
Conc: 9.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



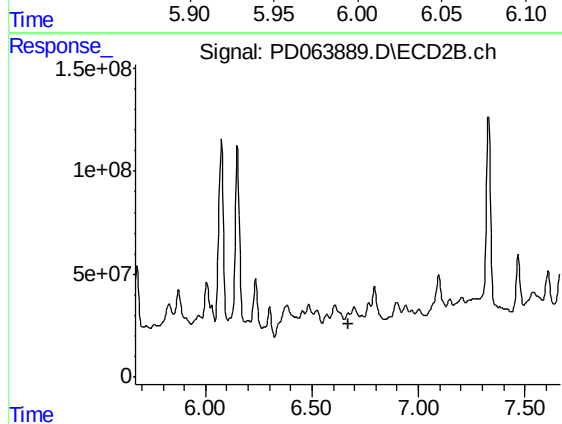
#13 Dieldrin

R.T.: 6.457 min  
Delta R.T.: 0.004 min  
Response: 5526732  
Conc: 0.29 ng/ml



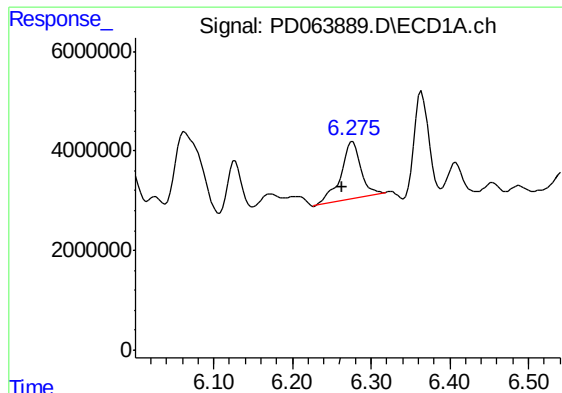
#14 Endrin

R.T.: 5.996 min  
Delta R.T.: 0.007 min  
Response: 7450014  
Conc: 4.61 ng/ml



#14 Endrin

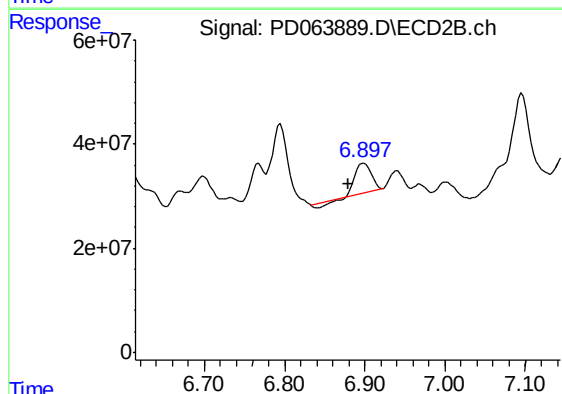
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: -21765559  
Conc: N.D.



#15 Endosulfan II

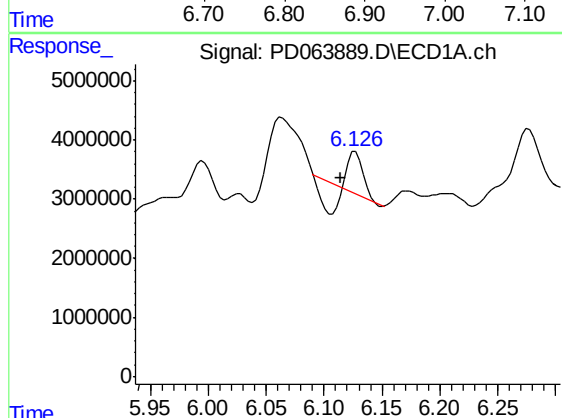
R.T.: 6.277 min  
Delta R.T.: 0.014 min  
Response: 20962434  
Conc: 13.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



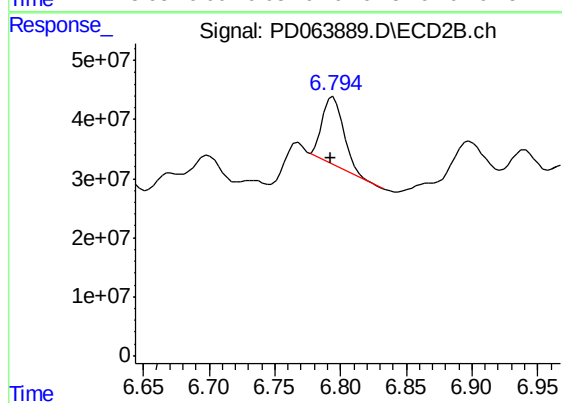
#15 Endosulfan II

R.T.: 6.898 min  
Delta R.T.: 0.018 min  
Response: 66176718  
Conc: 4.37 ng/ml



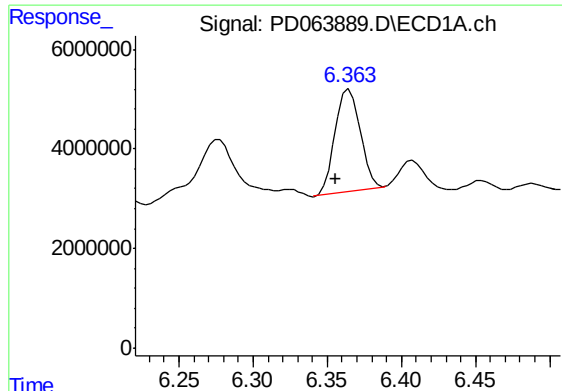
#16 4,4'-DDD

R.T.: 6.127 min  
Delta R.T.: 0.013 min  
Response: 2828065  
Conc: 1.91 ng/ml



#16 4,4'-DDD

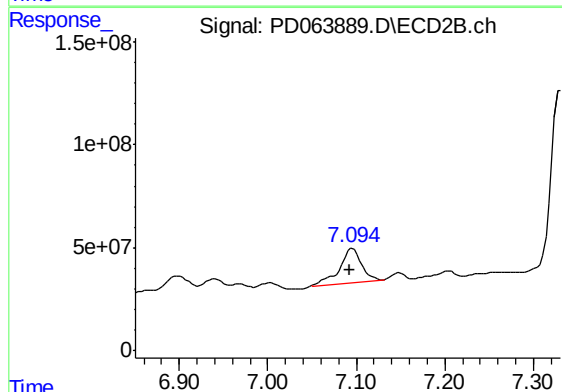
R.T.: 6.795 min  
Delta R.T.: 0.002 min  
Response: 123056356  
Conc: 8.10 ng/ml



#17 4,4'-DDT

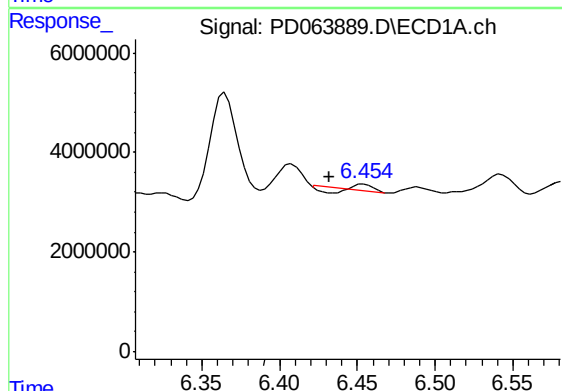
R.T.: 6.365 min  
Delta R.T.: 0.009 min  
Response: 24182204  
Conc: 15.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



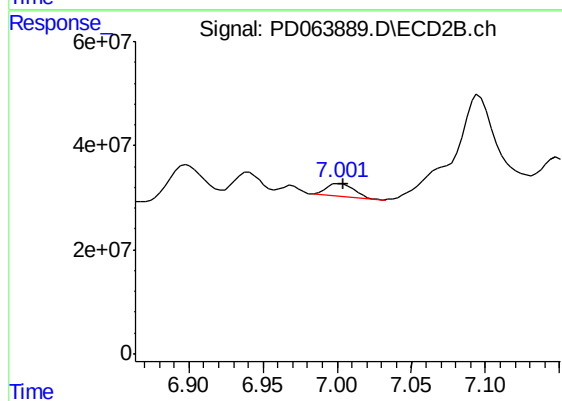
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: 0.003 min  
Response: 287043724  
Conc: 18.68 ng/ml



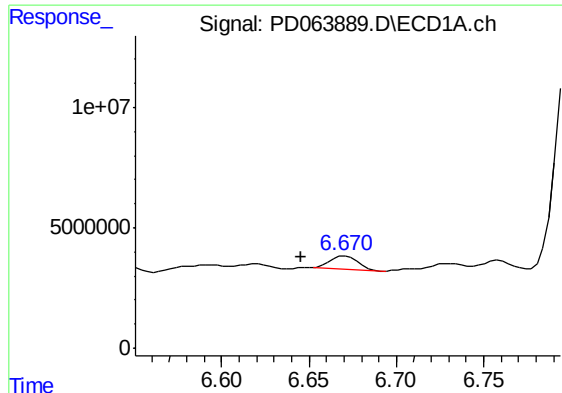
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.023 min  
Response: 503193  
Conc: 0.39 ng/ml



#18 Endrin aldehyde

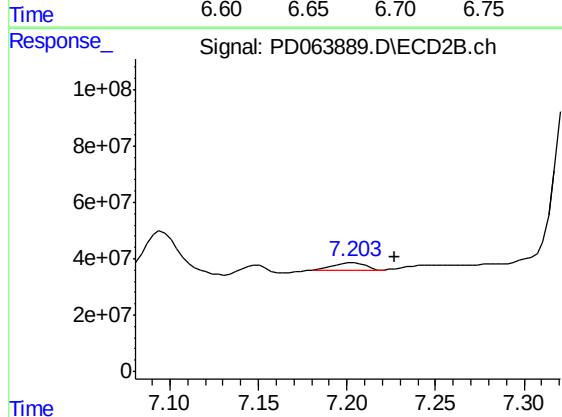
R.T.: 7.003 min  
Delta R.T.: -0.001 min  
Response: 31152384  
Conc: 2.36 ng/ml



#19 Endosulfan Sulfate

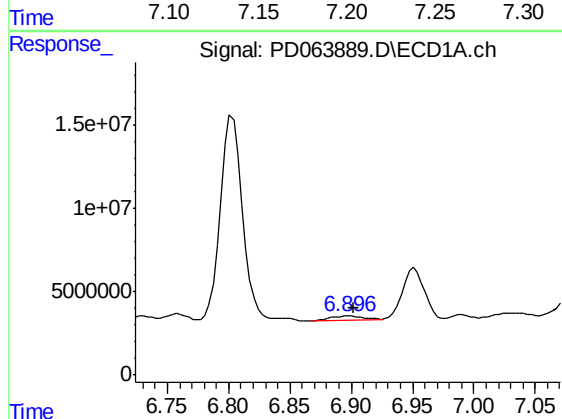
R.T.: 6.671 min  
Delta R.T.: 0.026 min  
Response: 6021472  
Conc: 4.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



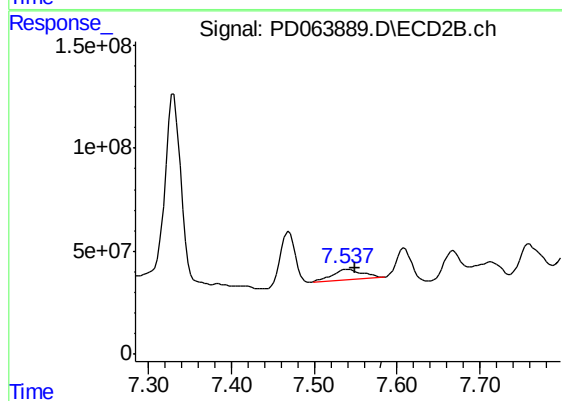
#19 Endosulfan Sulfate

R.T.: 7.205 min  
Delta R.T.: -0.022 min  
Response: 30753636  
Conc: 1.97 ng/ml



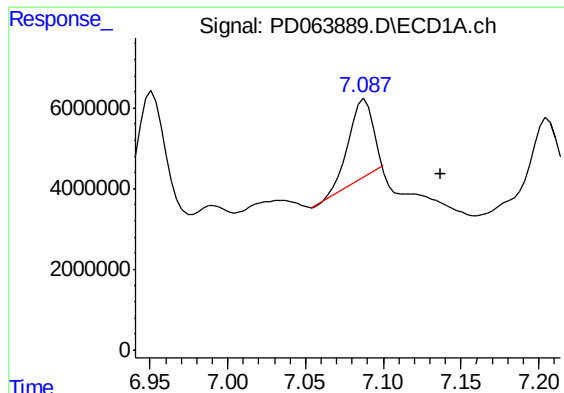
#20 Methoxychlor

R.T.: 6.898 min  
Delta R.T.: -0.005 min  
Response: 4329425  
Conc: 5.25 ng/ml



#20 Methoxychlor

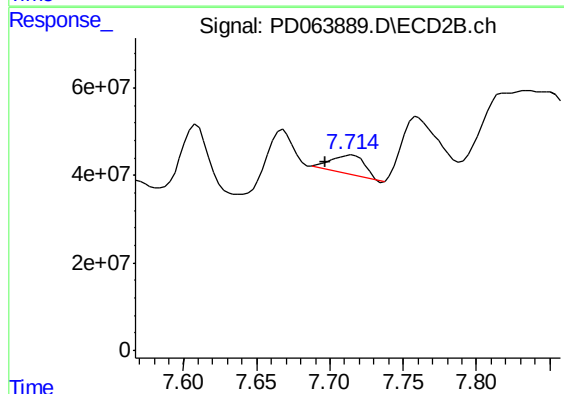
R.T.: 7.540 min  
Delta R.T.: -0.010 min  
Response: 130786218  
Conc: 18.13 ng/ml



#21 Endrin ketone

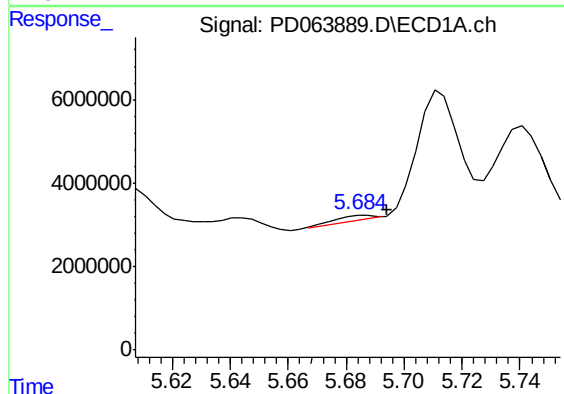
R.T.: 7.088 min  
Delta R.T.: -0.049 min  
Response: 21604600  
Conc: 12.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



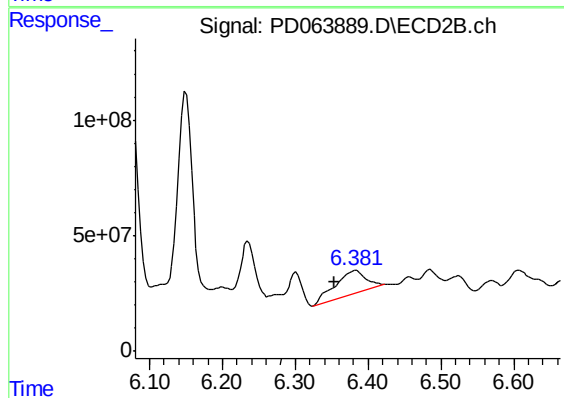
#21 Endrin ketone

R.T.: 7.715 min  
Delta R.T.: 0.018 min  
Response: 71723807  
Conc: 4.65 ng/ml



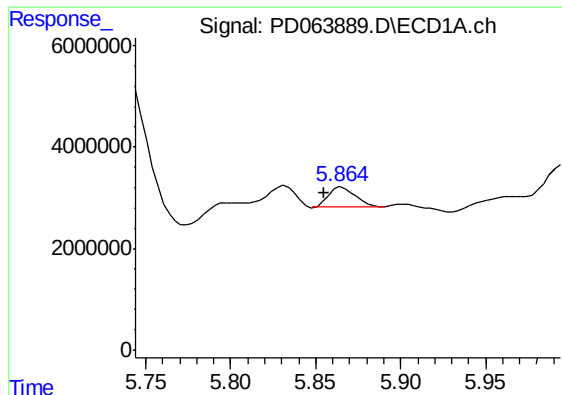
#22 Toxaphene-1

R.T.: 5.686 min  
Delta R.T.: -0.008 min  
Response: 912913  
Conc: 80.79 ng/ml



#22 Toxaphene-1

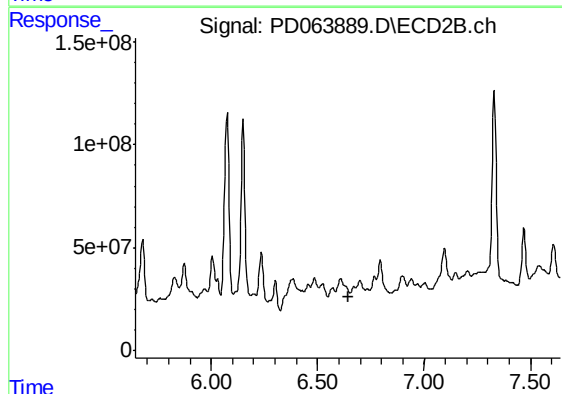
R.T.: 6.383 min  
Delta R.T.: 0.029 min  
Response: 290364690  
Conc: 3483.13 ng/ml



#23 Toxaphene-2

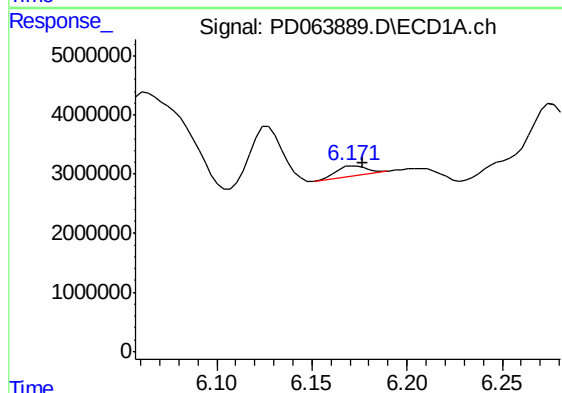
R.T.: 5.866 min  
Delta R.T.: 0.011 min  
Response: 4266770  
Conc: 370.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



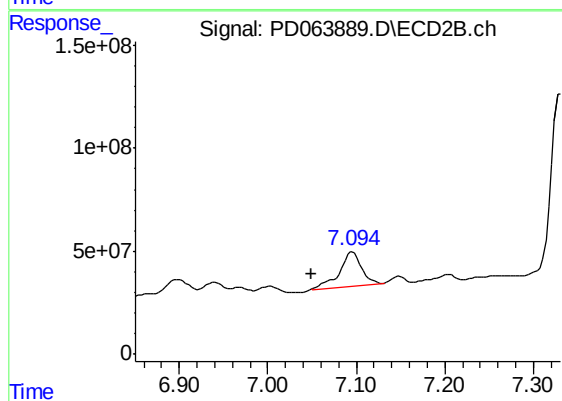
#23 Toxaphene-2

R.T.: 6.671 min  
Delta R.T.: 0.028 min  
Response: -21765559  
Conc: N.D.



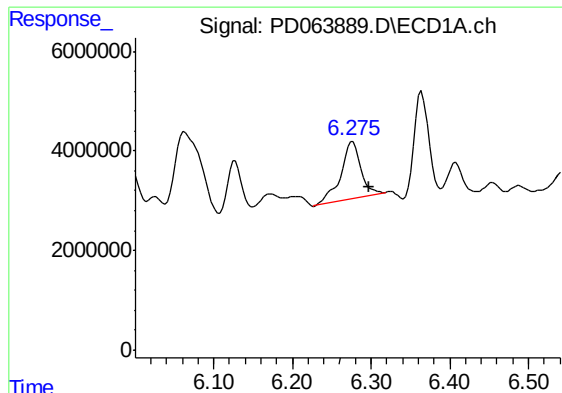
#24 Toxaphene-3

R.T.: 6.172 min  
Delta R.T.: -0.004 min  
Response: 1848603  
Conc: 139.45 ng/ml



#24 Toxaphene-3

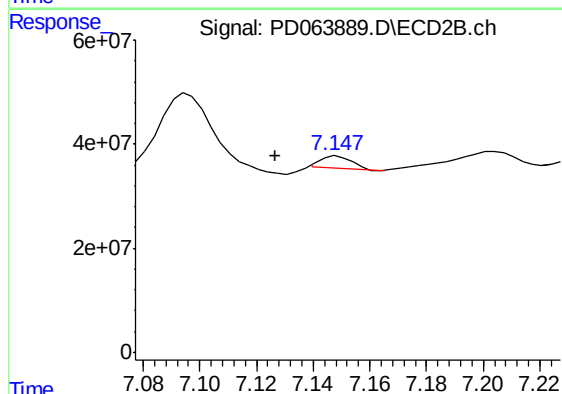
R.T.: 7.096 min  
Delta R.T.: 0.046 min  
Response: 287043724  
Conc: 1999.37 ng/ml



#25 Toxaphene-4

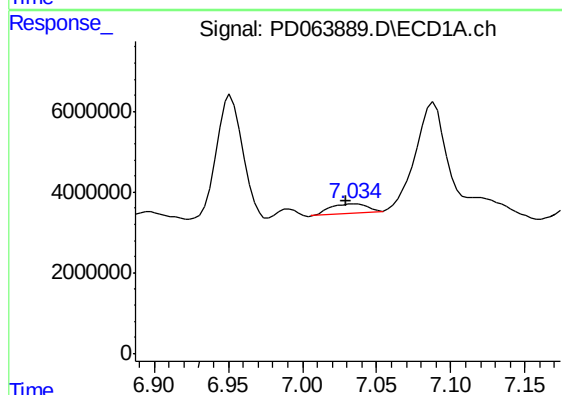
R.T.: 6.277 min  
Delta R.T.: -0.020 min  
Response: 20962434  
Conc: 688.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



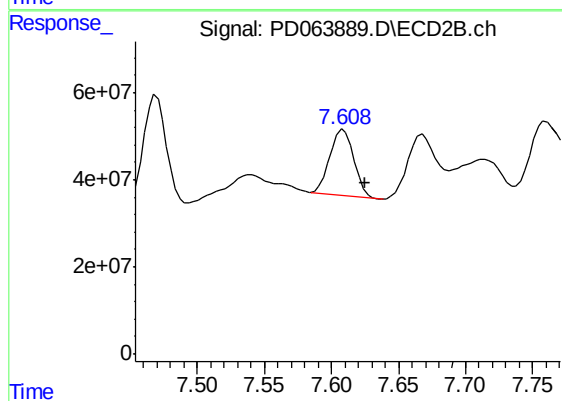
#25 Toxaphene-4

R.T.: 7.149 min  
Delta R.T.: 0.022 min  
Response: 17971079  
Conc: 44.42 ng/ml



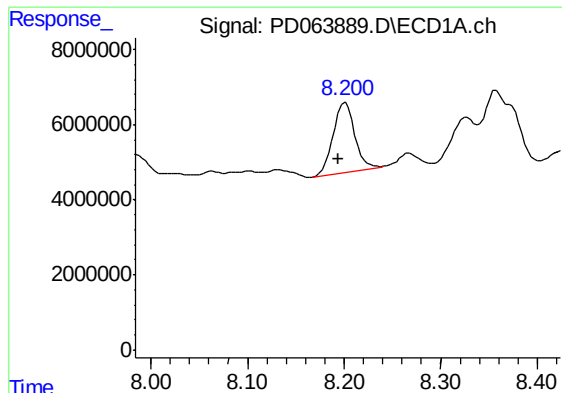
#26 Toxaphene-5

R.T.: 7.035 min  
Delta R.T.: 0.006 min  
Response: 3970089  
Conc: 115.88 ng/ml



#26 Toxaphene-5

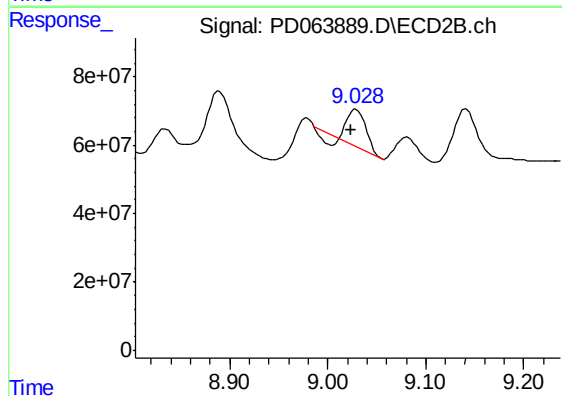
R.T.: 7.609 min  
Delta R.T.: -0.016 min  
Response: 188624706  
Conc: 1042.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: 0.007 min  
Response: 28850547  
Conc: 17.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5R4DL



#27 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: 0.005 min  
Response: 133226166  
Conc: 9.08 ng/ml