

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101619\  
 Data File : PD055325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2019 17:45  
 Operator : SG\AJ  
 Sample : K5262-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB71

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 03:40:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101519CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 16 04:32:26 2019  
 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... | 3.291  | 3.964  | 7333986  | 10907580 | 11.609   | 11.711     |
| 27)                         | SA Decachlor... | 7.970  | 9.002  | 14736827 | 19242215 | 21.299   | 19.490     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.719  | 0.000  | 1358702  | 0        | 1.448    | N.D. #     |
| 3)                          | MA gamma-BHC... | 3.999  | 0.000  | 1225966  | 0        | 1.407    | N.D. #     |
| 4)                          | MA Heptachlor   | 4.273  | 0.000  | 1151561  | 0        | 2.228    | N.D. #     |
| 5)                          | MB Aldrin       | 4.499  | 0.000  | 1310093  | 0        | 1.615    | N.D. #     |
| 6)                          | B beta-BHC      | 4.243  | 0.000  | 679892   | 0        | 1.681    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.013f | 5.819  | 5479895  | 4645912  | 7.235    | 3.941 #    |
| 9)                          | A Endosulfan I  | 5.315  | 0.000  | 2432406  | 0        | 3.354    | N.D. #     |
| 10)                         | B trans-Chl...  | 5.156  | 6.029  | 3671271  | 8673744  | 4.787    | 7.088 #    |
| 11)                         | B cis-Chlor...  | 5.202  | 0.000  | 1230877  | 0        | 1.655    | N.D. #     |
| 12)                         | B 4,4'-DDE      | 5.404  | 6.288  | -513525  | 6066218  | N.D.     | 5.054      |
| 13)                         | MA Dieldrin     | 5.526  | 6.372f | 14029819 | 11702572 | 17.512   | 9.263 #    |
| 14)                         | MA Endrin       | 5.781  | 6.649  | -1056432 | 6580024  | N.D.     | 6.654      |
| 15)                         | B Endosulfa...  | 6.042  | 6.903f | 3388045  | 644872   | 4.671    | 0.562 #    |
| 16)                         | A 4,4'-DDD      | 5.917  | 6.782  | 517864   | 4831510  | 0.891    | 4.736 #    |
| 17)                         | MA 4,4'-DDT     | 6.146  | 7.050  | 7162106  | 8494904  | 17.864   | 9.089 #    |
| 18)                         | B Endrin al...  | 6.194  | 7.050f | 775473   | 8494904  | 1.243    | 8.802 #    |
| 19)                         | B Endosulfa...  | 6.457  | 0.000  | 3558845  | 0        | 5.224    | N.D. #     |
| 20)                         | A Methoxychlor  | 6.675  | 7.584f | 953382   | 11637218 | 4.373    | 21.313 #   |
| 21)                         | B Endrin ke...  | 6.865f | 7.736f | 4816062  | 2254614  | 6.752    | 1.909 #    |
| 22)                         | Toxaphene-1     | 5.526  | 6.372  | 14029819 | 11702572 | 3029.822 | 1975.634 # |
| 23)                         | Toxaphene-2     | 5.653  | 6.649  | 4220829  | 6580024  | 977.469  | 869.944    |
| 24)                         | Toxaphene-3     | 5.972  | 7.050  | 1431596  | 8494904  | 360.312  | 820.922 #  |
| 25)                         | Toxaphene-4     | 6.042  | 7.050  | 3388045  | 8494904  | 295.983  | 289.337    |
| 26)                         | Toxaphene-5     | 6.865  | 7.584  | 4816062  | 11637218 | 396.671  | 829.696 #  |
| -----                       |                 |        |        |          |          |          |            |

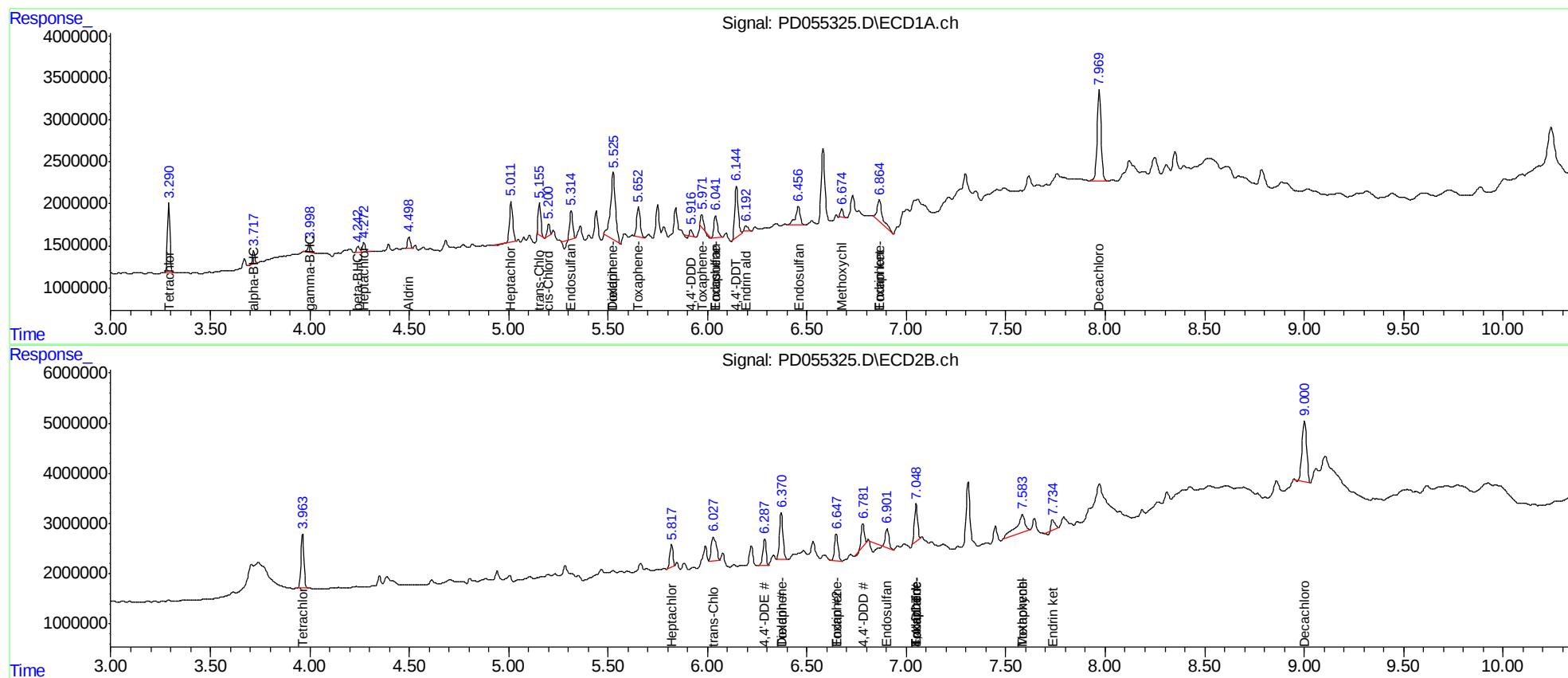
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

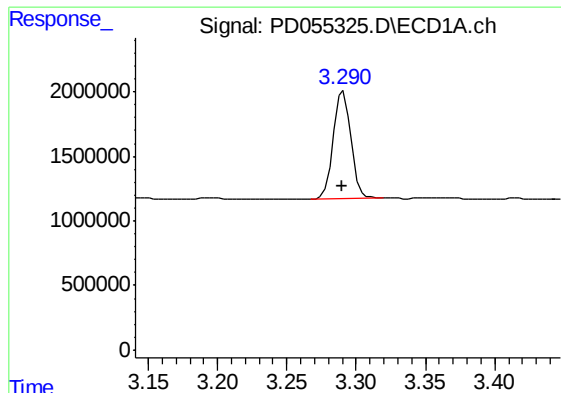
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101619\  
Data File : PD055325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2019 17:45  
Operator : SG\AJ  
Sample : K5262-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 03:40:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101519CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 16 04:32:26 2019  
Response via : Initial Calibration  
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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

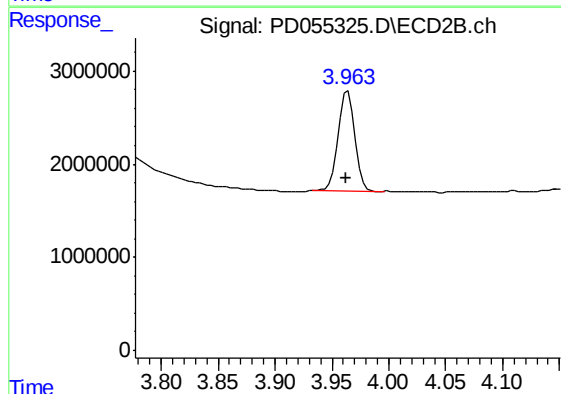




#1 Tetrachloro-m-xylene

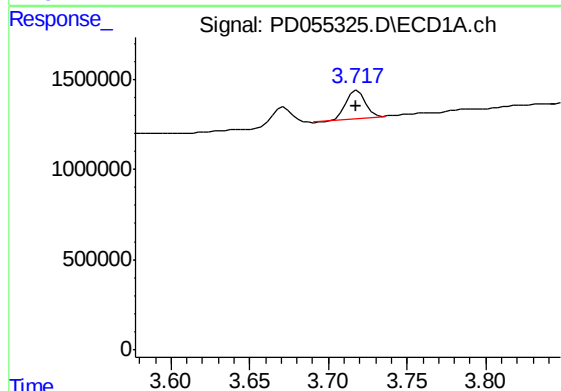
R.T.: 3.291 min  
Delta R.T.: 0.001 min  
Response: 7333986  
Conc: 11.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



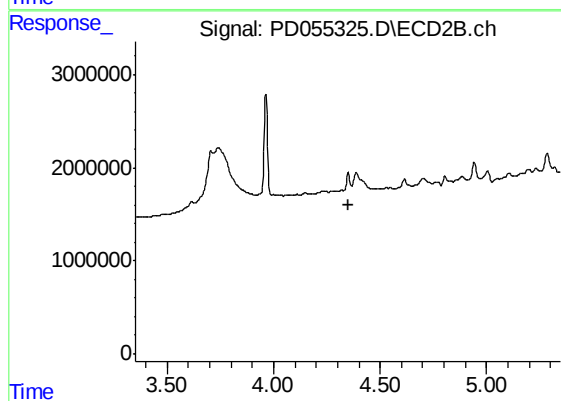
#1 Tetrachloro-m-xylene

R.T.: 3.964 min  
Delta R.T.: 0.001 min  
Response: 10907580  
Conc: 11.71 ng/ml



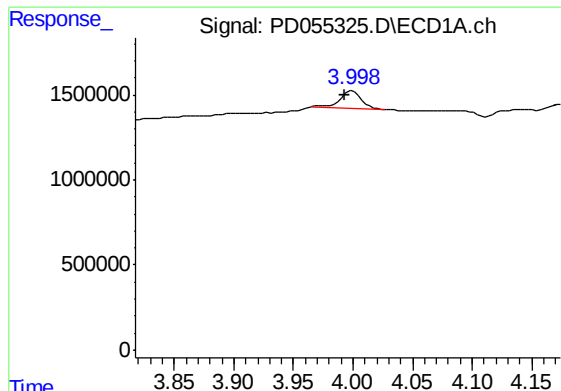
#2 alpha-BHC

R.T.: 3.719 min  
Delta R.T.: 0.001 min  
Response: 1358702  
Conc: 1.45 ng/ml



#2 alpha-BHC

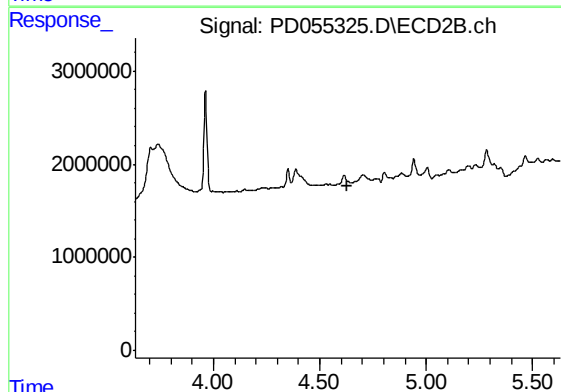
R.T.: 0.000 min  
Exp R.T. : 4.349 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

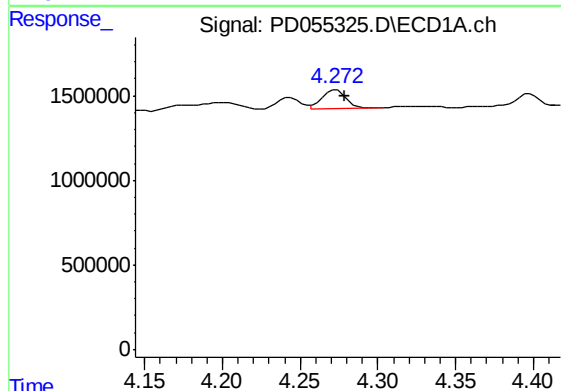
R.T.: 3.999 min  
Delta R.T.: 0.006 min  
Response: 1225966  
Conc: 1.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



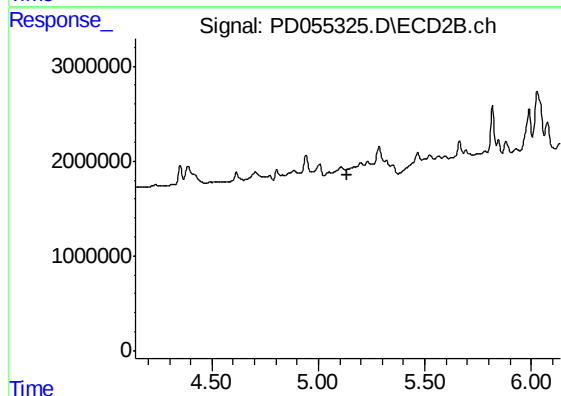
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.632 min  
Response: 0  
Conc: N.D.



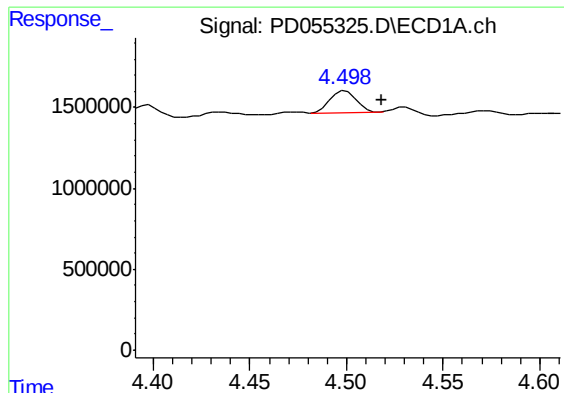
#4 Heptachlor

R.T.: 4.273 min  
Delta R.T.: -0.005 min  
Response: 1151561  
Conc: 2.23 ng/ml



#4 Heptachlor

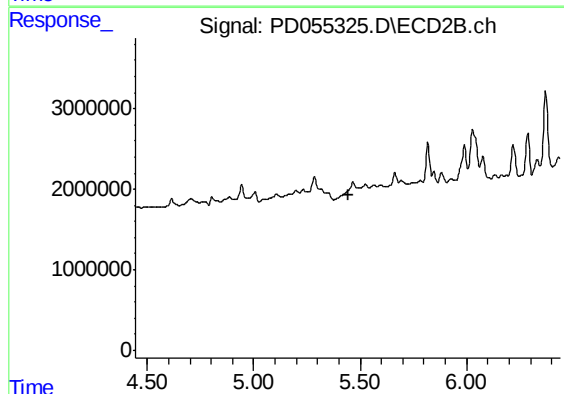
R.T.: 0.000 min  
Exp R.T. : 5.138 min  
Response: 0  
Conc: N.D.



#5 Aldrin

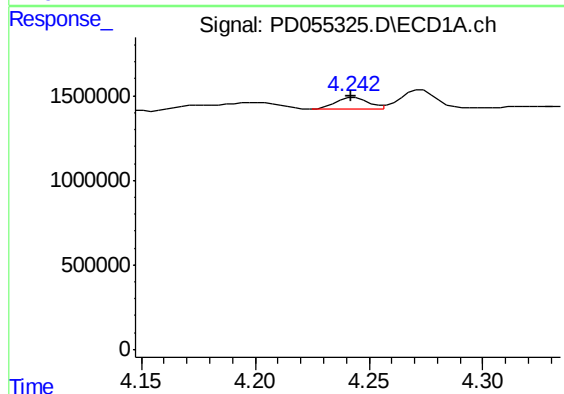
R.T.: 4.499 min  
Delta R.T.: -0.019 min  
Response: 1310093  
Conc: 1.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



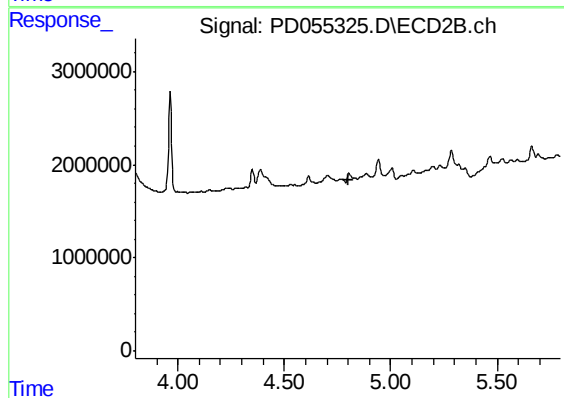
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.443 min  
Response: 0  
Conc: N.D.



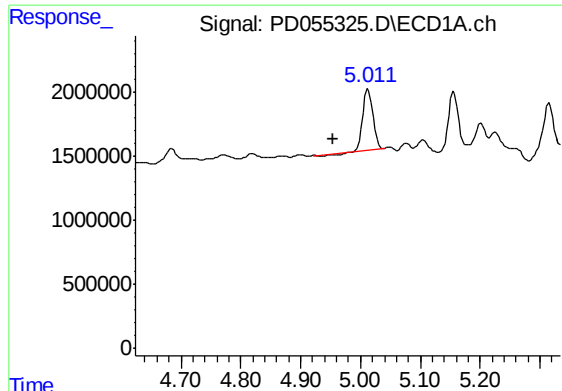
#6 beta-BHC

R.T.: 4.243 min  
Delta R.T.: 0.002 min  
Response: 679892  
Conc: 1.68 ng/ml



#6 beta-BHC

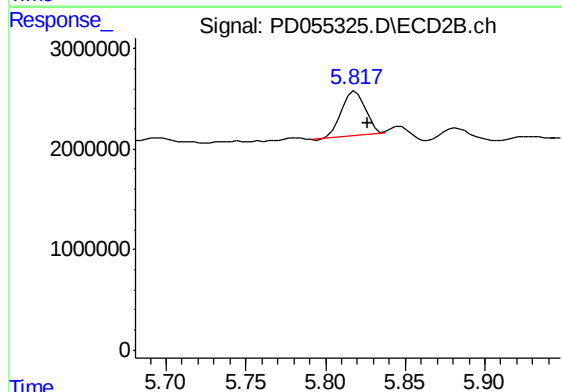
R.T.: 0.000 min  
Exp R.T. : 4.800 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

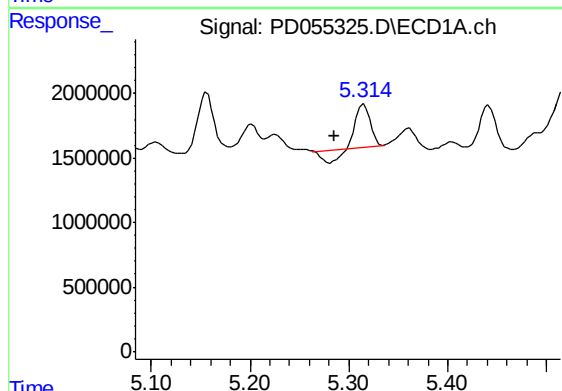
R.T.: 5.013 min  
Delta R.T.: 0.058 min  
Response: 5479895  
Conc: 7.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



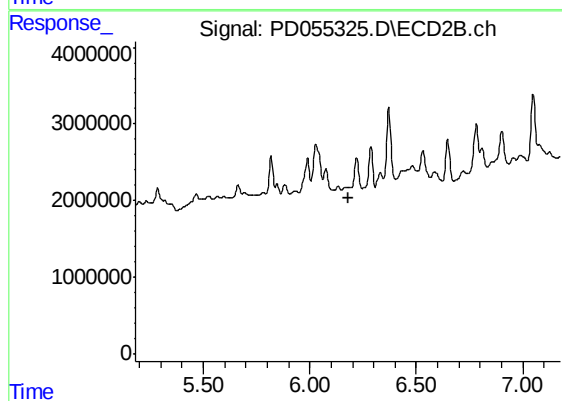
#8 Heptachlor epoxide

R.T.: 5.819 min  
Delta R.T.: -0.008 min  
Response: 4645912  
Conc: 3.94 ng/ml



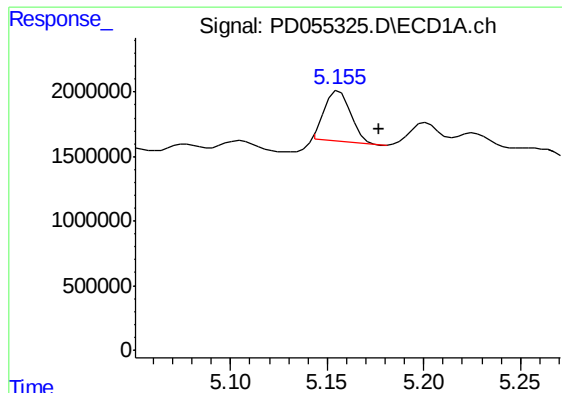
#9 Endosulfan I

R.T.: 5.315 min  
Delta R.T.: 0.030 min  
Response: 2432406  
Conc: 3.35 ng/ml



#9 Endosulfan I

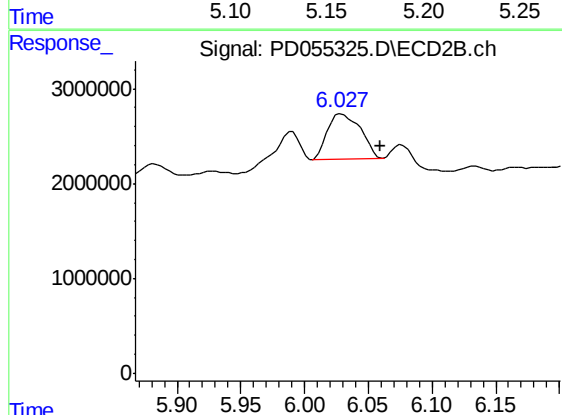
R.T.: 0.000 min  
Exp R.T. : 6.180 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

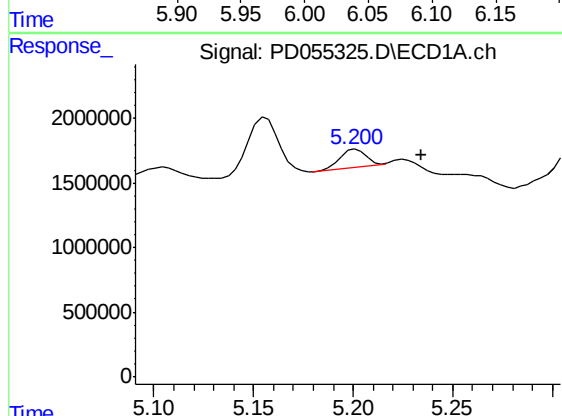
R.T.: 5.156 min  
Delta R.T.: -0.021 min  
Response: 3671271  
Conc: 4.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



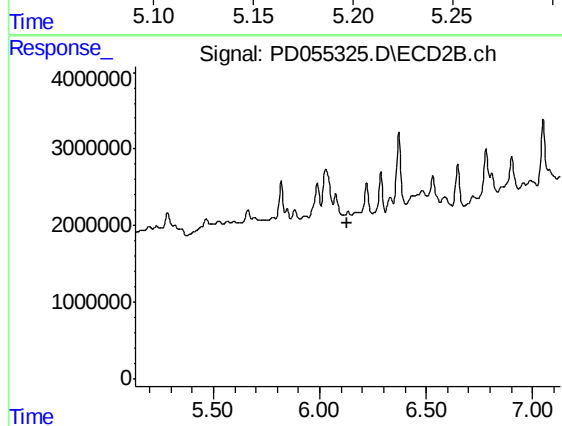
#10 trans-Chlordane

R.T.: 6.029 min  
Delta R.T.: -0.031 min  
Response: 8673744  
Conc: 7.09 ng/ml



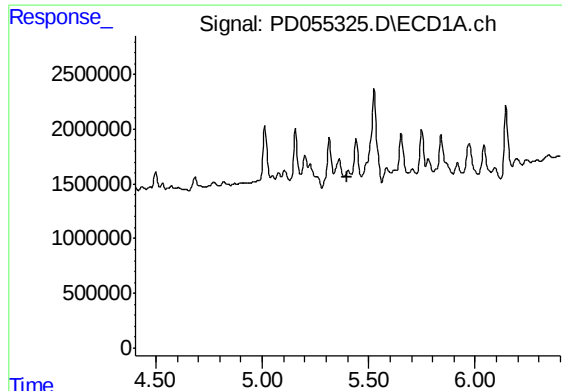
#11 cis-Chlordane

R.T.: 5.202 min  
Delta R.T.: -0.032 min  
Response: 1230877  
Conc: 1.66 ng/ml



#11 cis-Chlordane

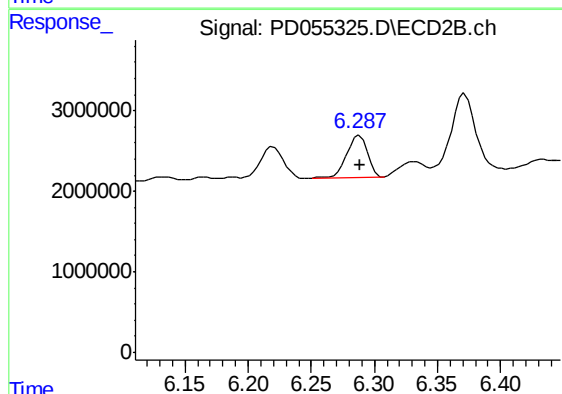
R.T.: 0.000 min  
Exp R.T. : 6.132 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

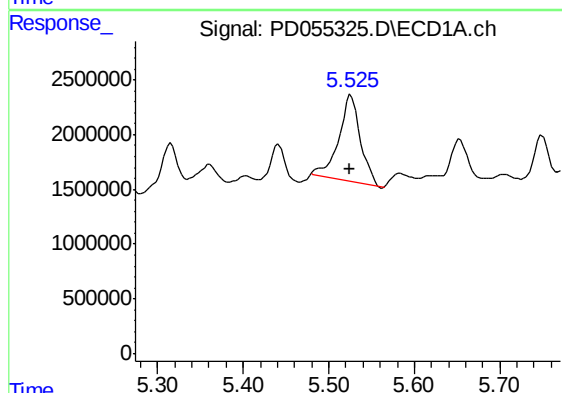
R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: -513525  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



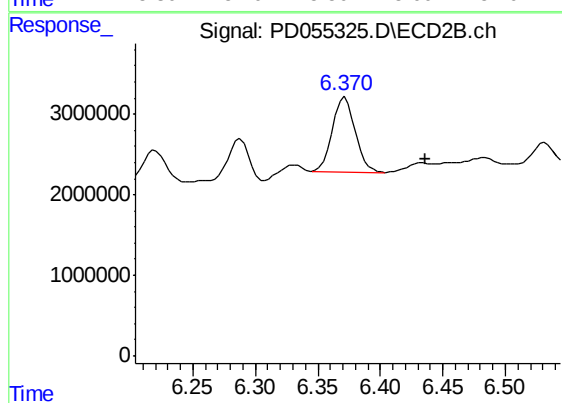
#12 4,4'-DDE

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 6066218  
Conc: 5.05 ng/ml



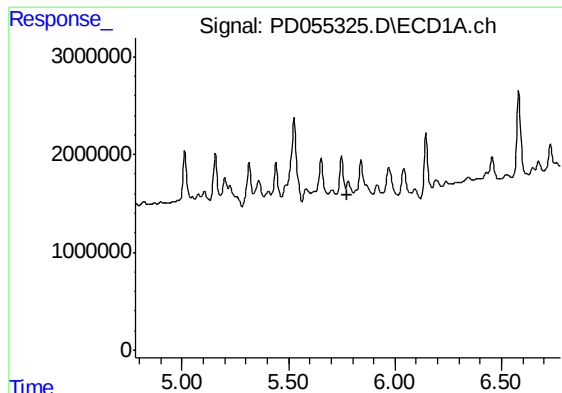
#13 Dieldrin

R.T.: 5.526 min  
Delta R.T.: 0.000 min  
Response: 14029819  
Conc: 17.51 ng/ml



#13 Dieldrin

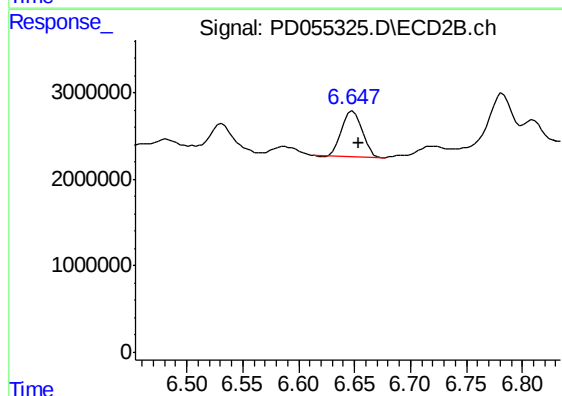
R.T.: 6.372 min  
Delta R.T.: -0.065 min  
Response: 11702572  
Conc: 9.26 ng/ml



#14 Endrin

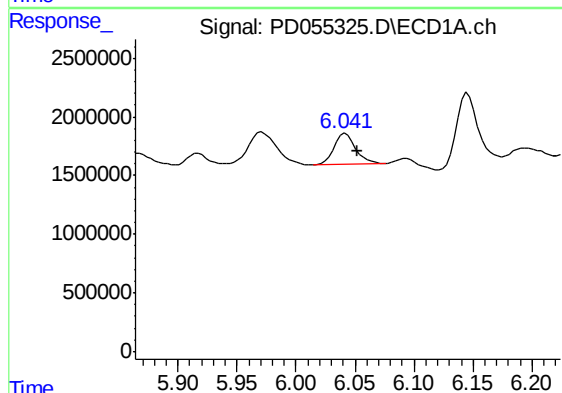
R.T.: 5.781 min  
Delta R.T.: 0.002 min  
Response: -1056432  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



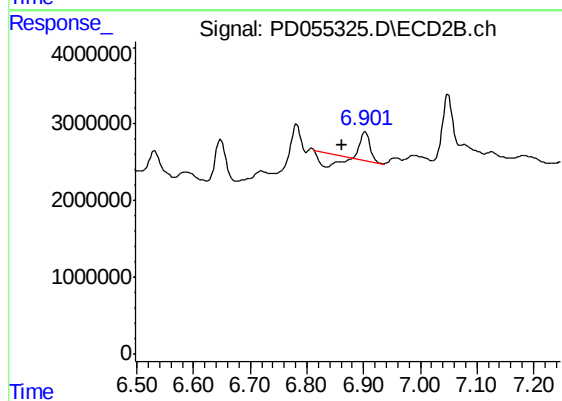
#14 Endrin

R.T.: 6.649 min  
Delta R.T.: -0.005 min  
Response: 6580024  
Conc: 6.65 ng/ml



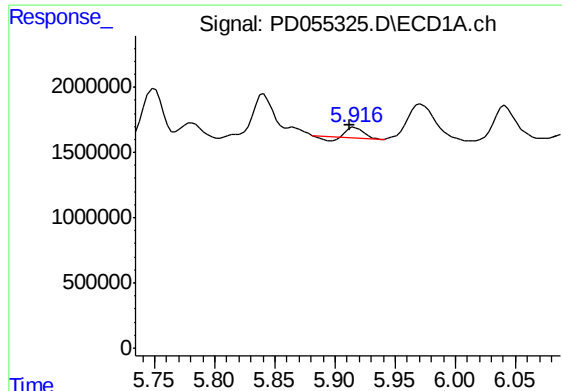
#15 Endosulfan II

R.T.: 6.042 min  
Delta R.T.: -0.010 min  
Response: 3388045  
Conc: 4.67 ng/ml



#15 Endosulfan II

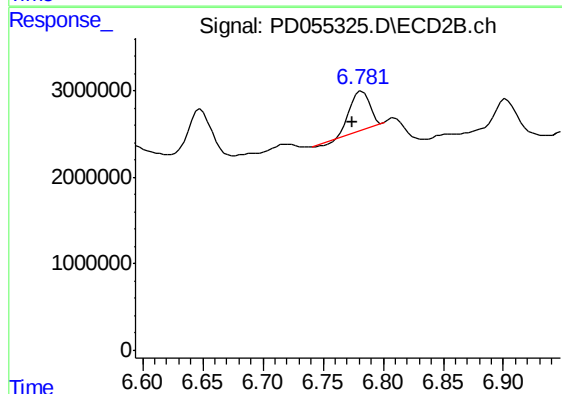
R.T.: 6.903 min  
Delta R.T.: 0.042 min  
Response: 644872  
Conc: 0.56 ng/ml



#16 4,4'-DDD

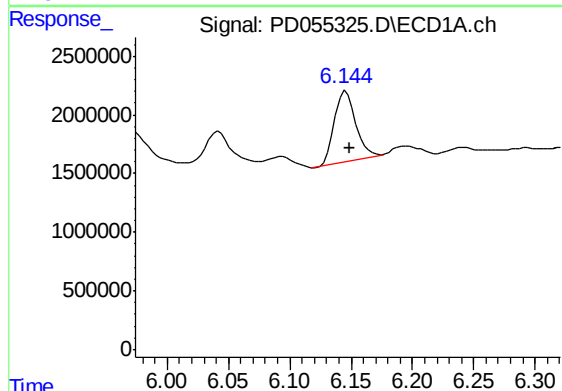
R.T.: 5.917 min  
Delta R.T.: 0.005 min  
Response: 517864  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



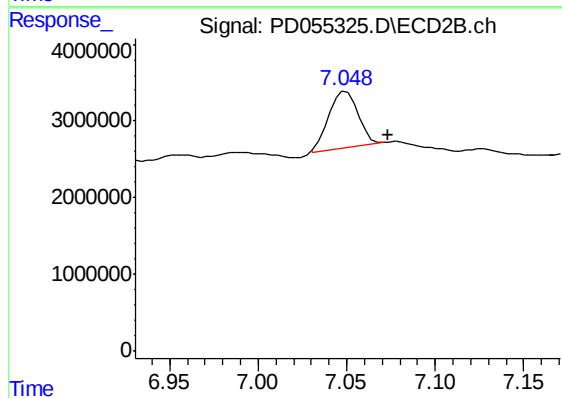
#16 4,4'-DDD

R.T.: 6.782 min  
Delta R.T.: 0.008 min  
Response: 4831510  
Conc: 4.74 ng/ml



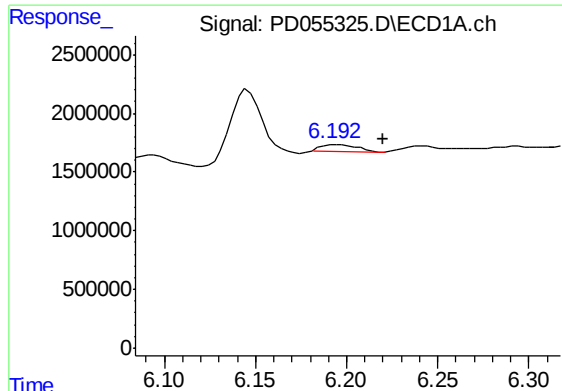
#17 4,4'-DDT

R.T.: 6.146 min  
Delta R.T.: -0.003 min  
Response: 7162106  
Conc: 17.86 ng/ml



#17 4,4'-DDT

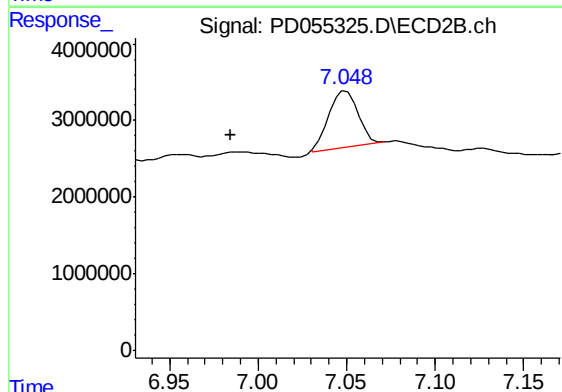
R.T.: 7.050 min  
Delta R.T.: -0.023 min  
Response: 8494904  
Conc: 9.09 ng/ml



#18 Endrin aldehyde

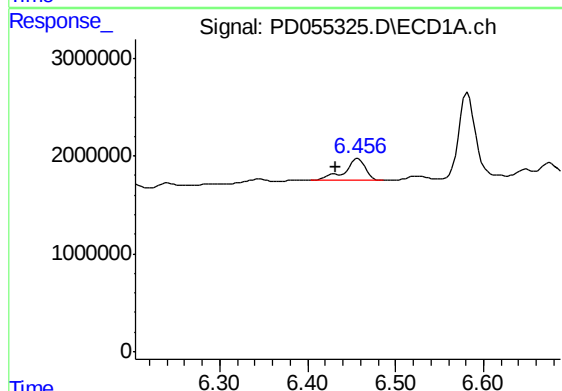
R.T.: 6.194 min  
Delta R.T.: -0.027 min  
Response: 775473  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



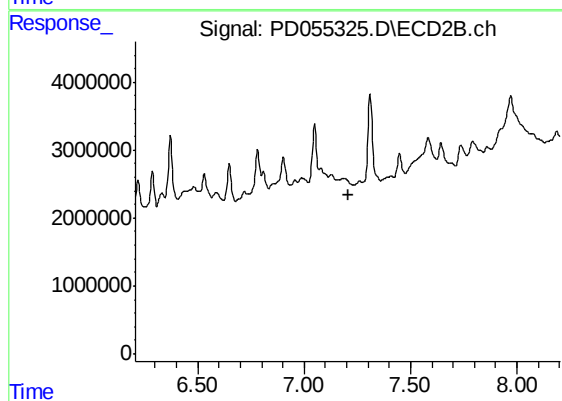
#18 Endrin aldehyde

R.T.: 7.050 min  
Delta R.T.: 0.065 min  
Response: 8494904  
Conc: 8.80 ng/ml



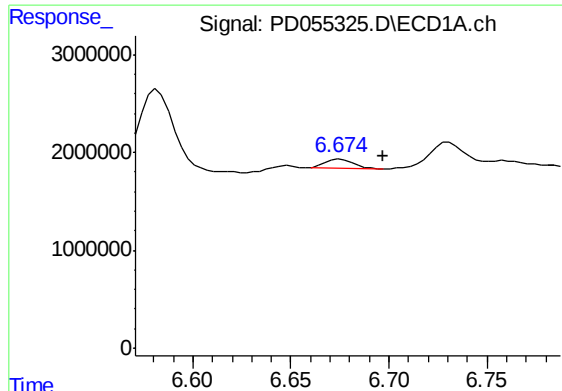
#19 Endosulfan Sulfate

R.T.: 6.457 min  
Delta R.T.: 0.026 min  
Response: 3558845  
Conc: 5.22 ng/ml



#19 Endosulfan Sulfate

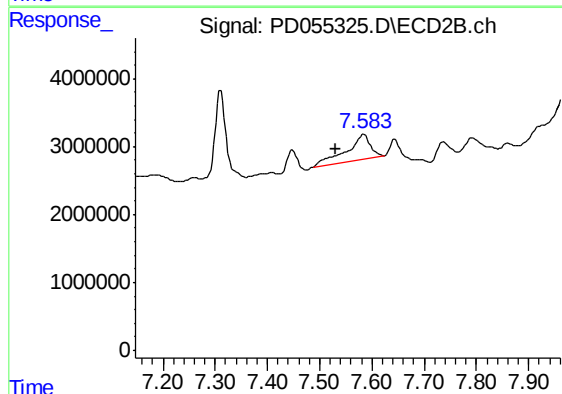
R.T.: 0.000 min  
Exp R.T. : 7.207 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

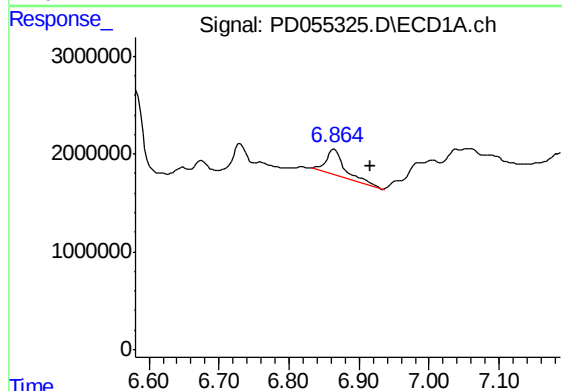
R.T.: 6.675 min  
Delta R.T.: -0.022 min  
Response: 953382  
Conc: 4.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



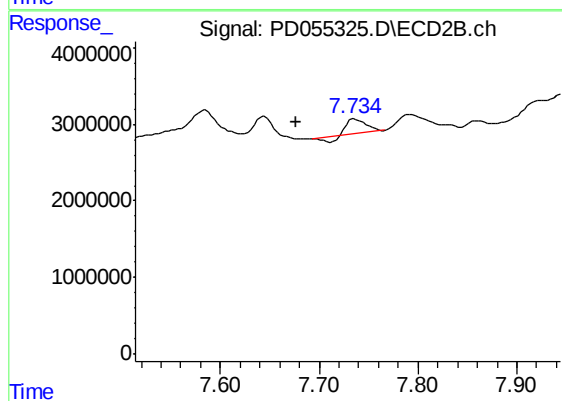
#20 Methoxychlor

R.T.: 7.584 min  
Delta R.T.: 0.055 min  
Response: 11637218  
Conc: 21.31 ng/ml



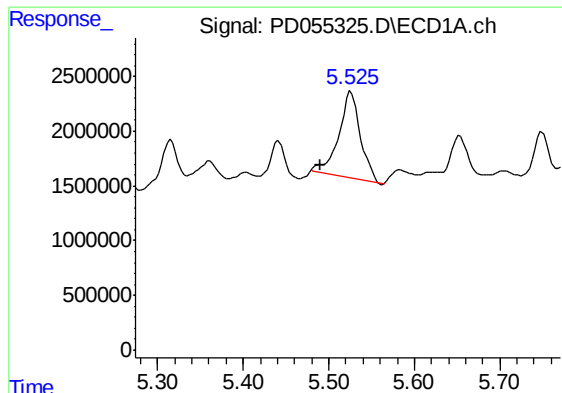
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: -0.051 min  
Response: 4816062  
Conc: 6.75 ng/ml



#21 Endrin ketone

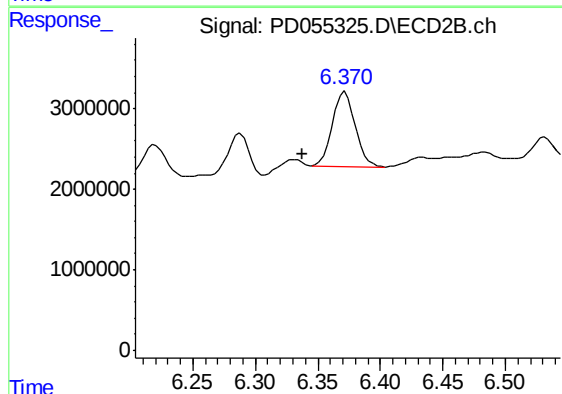
R.T.: 7.736 min  
Delta R.T.: 0.060 min  
Response: 2254614  
Conc: 1.91 ng/ml



#22 Toxaphene-1

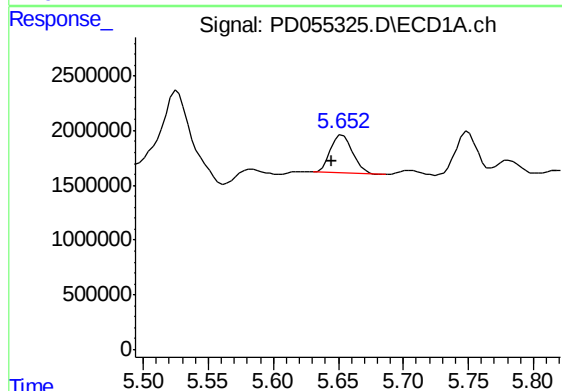
R.T.: 5.526 min  
Delta R.T.: 0.035 min  
Response: 14029819  
Conc: 3029.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



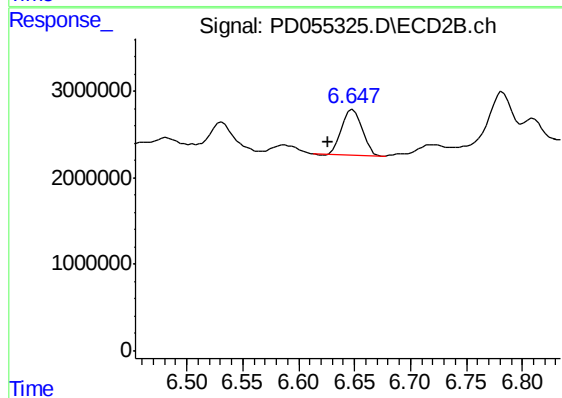
#22 Toxaphene-1

R.T.: 6.372 min  
Delta R.T.: 0.034 min  
Response: 11702572  
Conc: 1975.63 ng/ml



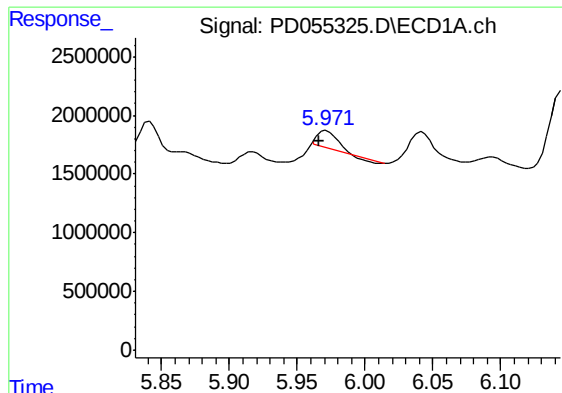
#23 Toxaphene-2

R.T.: 5.653 min  
Delta R.T.: 0.008 min  
Response: 4220829  
Conc: 977.47 ng/ml



#23 Toxaphene-2

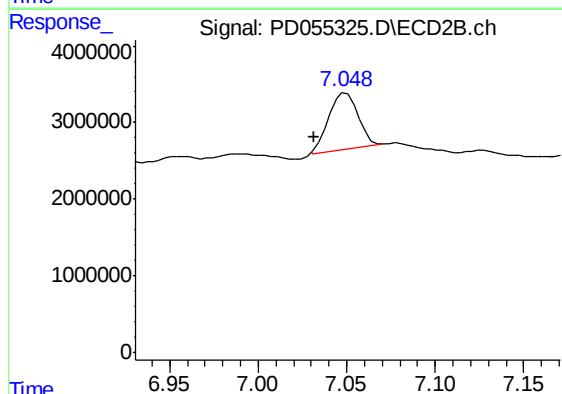
R.T.: 6.649 min  
Delta R.T.: 0.022 min  
Response: 6580024  
Conc: 869.94 ng/ml



#24 Toxaphene-3

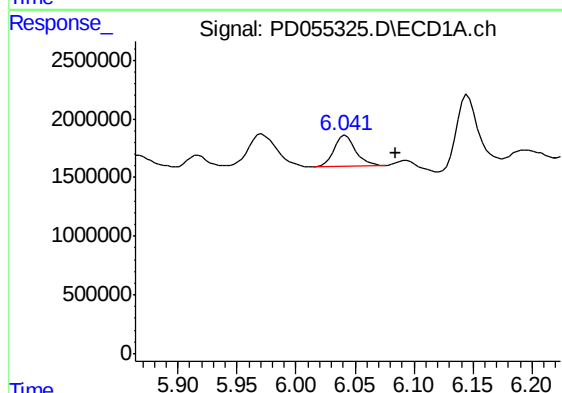
R.T.: 5.972 min  
Delta R.T.: 0.006 min  
Response: 1431596  
Conc: 360.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



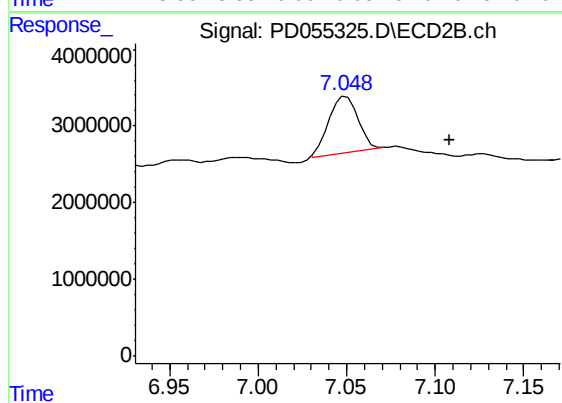
#24 Toxaphene-3

R.T.: 7.050 min  
Delta R.T.: 0.018 min  
Response: 8494904  
Conc: 820.92 ng/ml



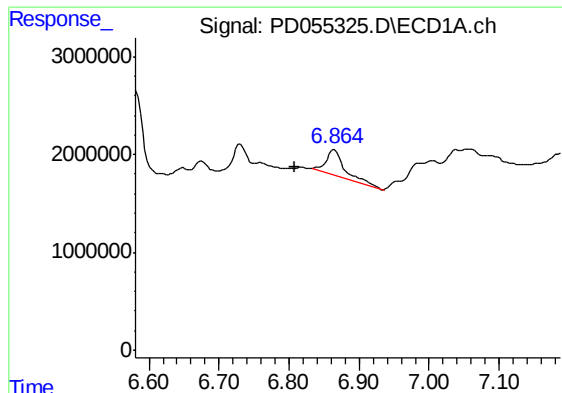
#25 Toxaphene-4

R.T.: 6.042 min  
Delta R.T.: -0.043 min  
Response: 3388045  
Conc: 295.98 ng/ml



#25 Toxaphene-4

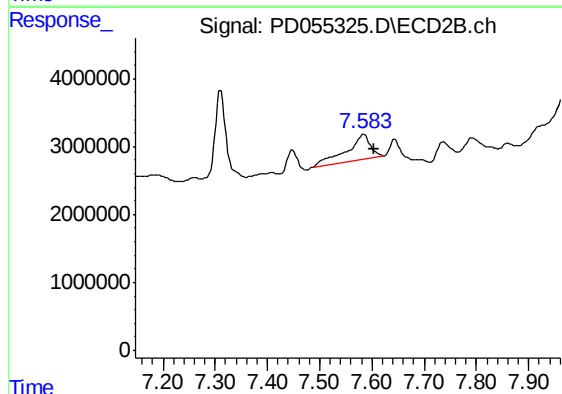
R.T.: 7.050 min  
Delta R.T.: -0.058 min  
Response: 8494904  
Conc: 289.34 ng/ml



#26 Toxaphene-5

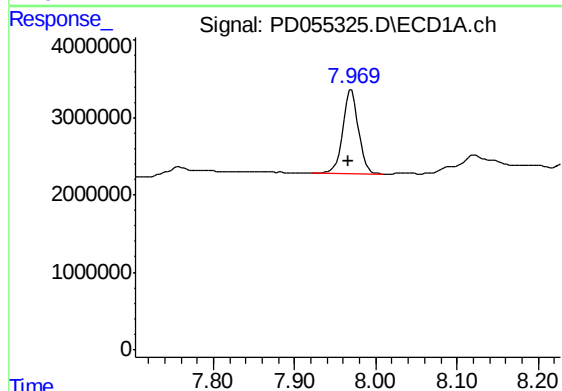
R.T.: 6.865 min  
Delta R.T.: 0.056 min  
Response: 4816062  
Conc: 396.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB71



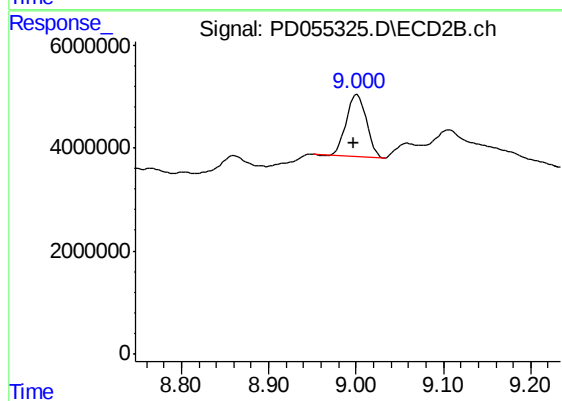
#26 Toxaphene-5

R.T.: 7.584 min  
Delta R.T.: -0.021 min  
Response: 11637218  
Conc: 829.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: 0.004 min  
Response: 14736827  
Conc: 21.30 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.002 min  
Delta R.T.: 0.004 min  
Response: 19242215  
Conc: 19.49 ng/ml