

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD053119\  
 Data File : PD053443.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 May 2019 10:10  
 Operator : SM\AJ  
 Sample : K3006-18  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFHB3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 23:14:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 06:53:42 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

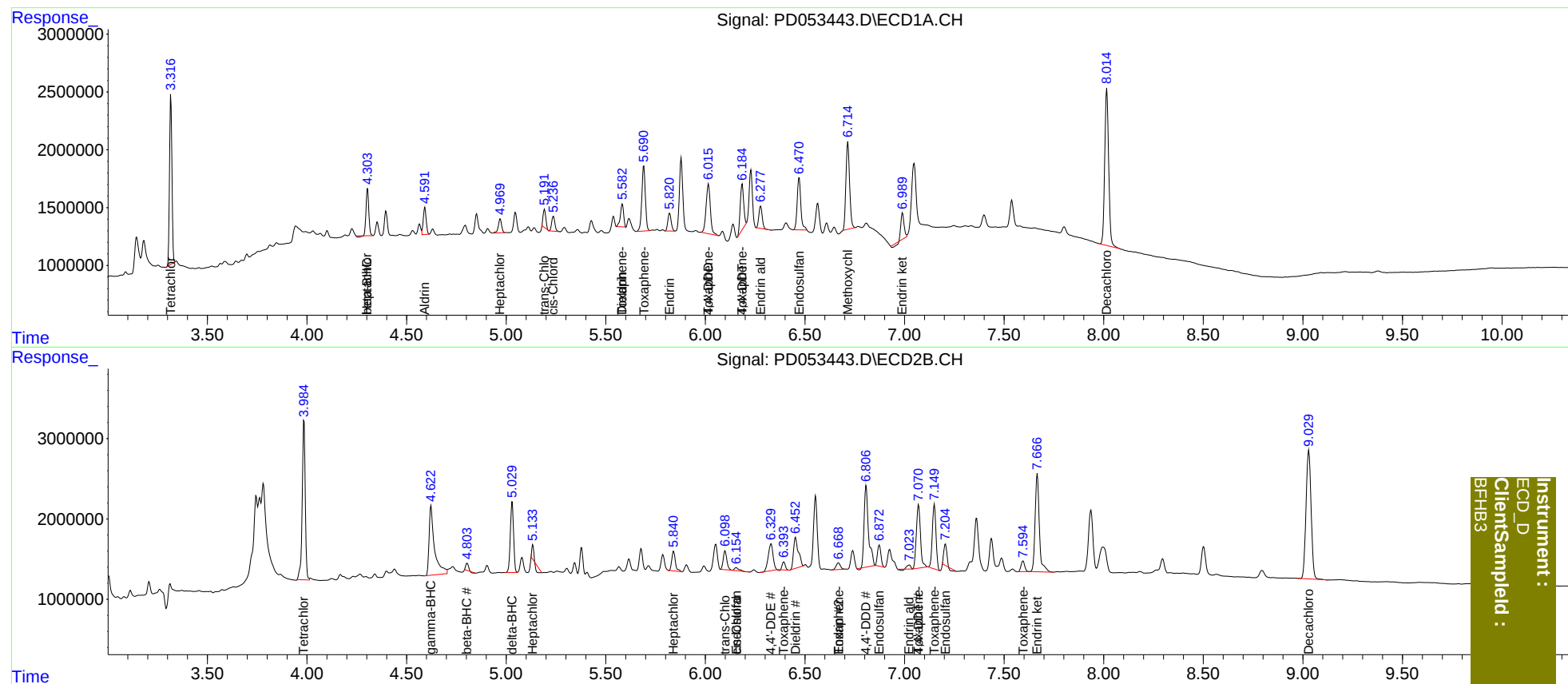
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.317  | 3.985  | 12418224 | 21280656 | 16.949   | 21.614 #   |
| 27)                         | SA Decachlor... | 8.016  | 9.030  | 18714871 | 28480097 | 28.291   | 27.572     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | MA gamma-BHC... | 0.000  | 4.623f | 0        | 16248874 | N.D.     | 13.921     |
| 4)                          | MA Heptachlor   | 4.304  | 5.134f | 3929447  | 325180   | 5.407    | 0.280 #    |
| 5)                          | MB Aldrin       | 4.592f | 0.000  | 2358058  | 0        | 2.635    | N.D. #     |
| 6)                          | B beta-BHC      | 4.304f | 4.804  | 3929447  | 793307   | 9.466    | 1.352 #    |
| 7)                          | B delta-BHC     | 0.000  | 5.031  | 0        | 9846122  | N.D.     | 8.093      |
| 8)                          | B Heptachlo...  | 4.971  | 5.841  | 1433695  | 3032748  | 1.814    | 2.585 #    |
| 9)                          | A Endosulfan I  | 0.000  | 6.155f | 0        | 597529   | N.D.     | 0.538      |
| 10)                         | B trans-Chl...  | 5.193  | 6.100  | 1465396  | 2978397  | 1.665    | 2.331 #    |
| 11)                         | B cis-Chlor...  | 5.237f | 6.155  | 1459460  | 597529   | 1.719    | 0.474 #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.331  | 0        | 5728823  | N.D.     | 4.648      |
| 13)                         | MA Dieldrin     | 5.584  | 6.453  | 2206843  | 6406405  | 2.680    | 5.083 #    |
| 14)                         | MA Endrin       | 5.821  | 6.669  | 1794411  | 1250265  | 2.751    | 1.393 #    |
| 15)                         | B Endosulfa...  | 0.000  | 6.874  | 0        | 3199345  | N.D.     | 3.045      |
| 16)                         | A 4,4'-DDD      | 6.016f | 6.808  | 6402435  | 15387462 | 11.936   | 16.657 #   |
| 17)                         | MA 4,4'-DDT     | 6.185  | 7.071  | 4618593  | 11405054 | 8.520    | 12.937 #   |
| 18)                         | B Endrin al...  | 6.278  | 7.024  | 2271469  | 544178   | 3.952    | 0.609 #    |
| 19)                         | B Endosulfa...  | 6.471  | 7.206  | 5730934  | 2477221  | 8.669    | 2.356 #    |
| 20)                         | A Methoxychlor  | 6.716  | 7.543  | 9681300  | -374806  | 42.559   | N.D. #     |
| 21)                         | B Endrin ke...  | 6.990  | 7.667  | 2123596  | 18101551 | 3.108    | 16.989 #   |
| 22)                         | Toxaphene-1     | 5.584  | 6.394  | 2206843  | 1051664  | 453.929  | 183.203 #  |
| 23)                         | Toxaphene-2     | 5.691  | 6.669  | 6967409  | 1250265  | 1479.111 | 175.215 #  |
| 24)                         | Toxaphene-3     | 6.016  | 7.071  | 6402435  | 11405054 | 1499.280 | 1122.498 # |
| 25)                         | Toxaphene-4     | 6.185  | 7.150  | 4618593  | 10312697 | 380.070  | 361.728    |
| 26)                         | Toxaphene-5     | 0.000  | 7.596  | 0        | 1693904  | N.D.     | 134.292    |
| -----                       |                 |        |        |          |          |          |            |

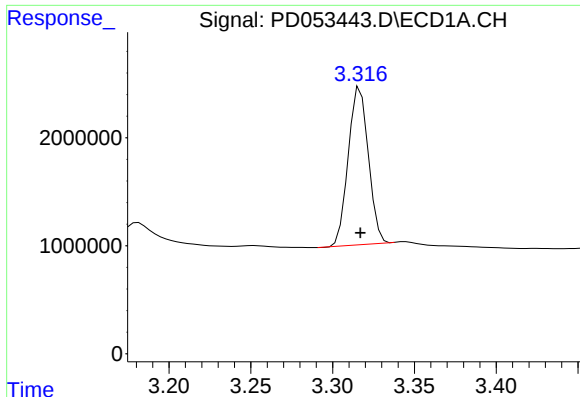
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD053119\  
Data File : PD053443.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 31 May 2019 10:10  
Operator : SM\AJ  
Sample : K3006-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 23:14:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
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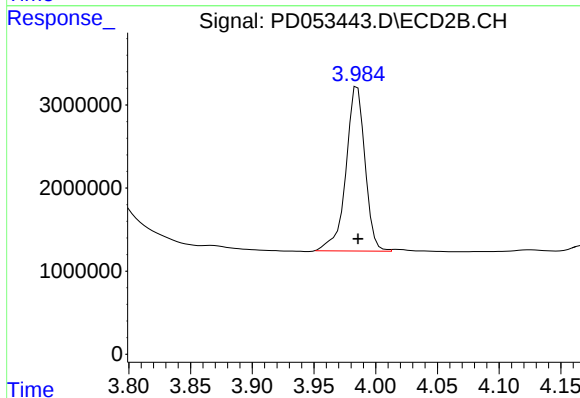




#1 Tetrachloro-m-xylene

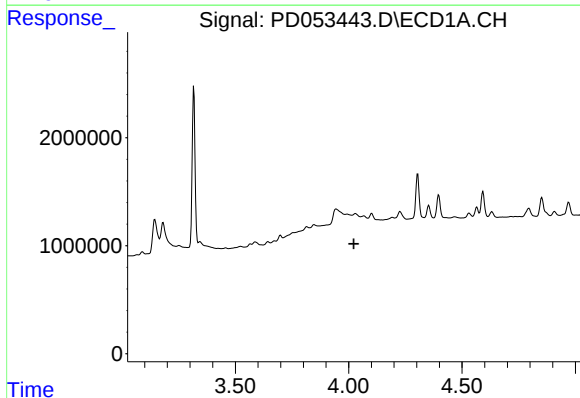
R.T.: 3.317 min  
Delta R.T.: 0.000 min  
Response: 12418224  
Conc: 16.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



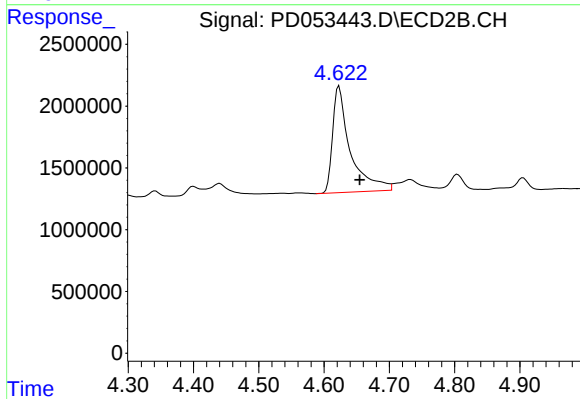
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.000 min  
Response: 21280656  
Conc: 21.61 ng/ml



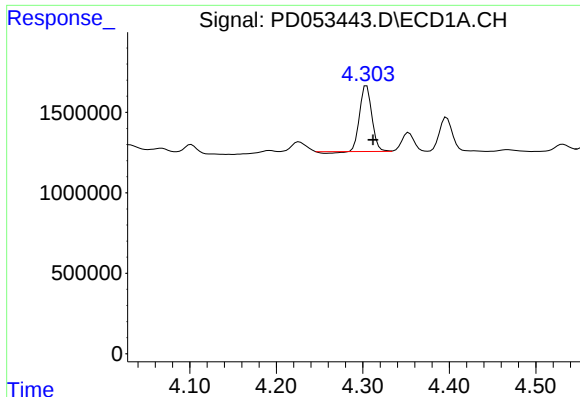
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.023 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

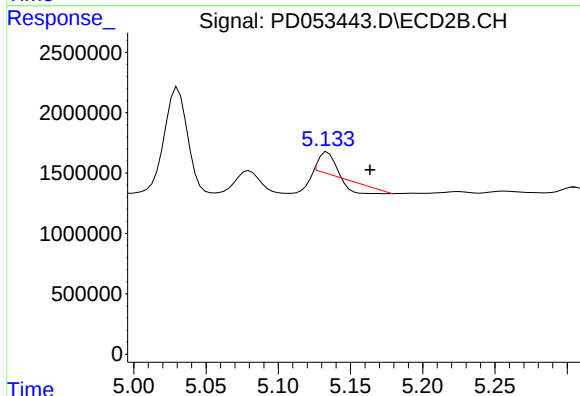
R.T.: 4.623 min  
Delta R.T.: -0.032 min  
Response: 16248874  
Conc: 13.92 ng/ml



#4 Heptachlor

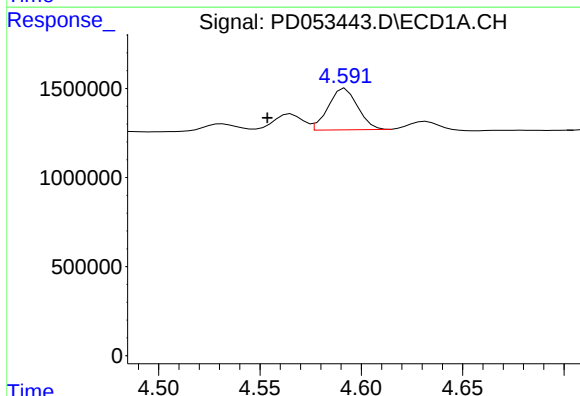
R.T.: 4.304 min  
Delta R.T.: -0.007 min  
Response: 3929447  
Conc: 5.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



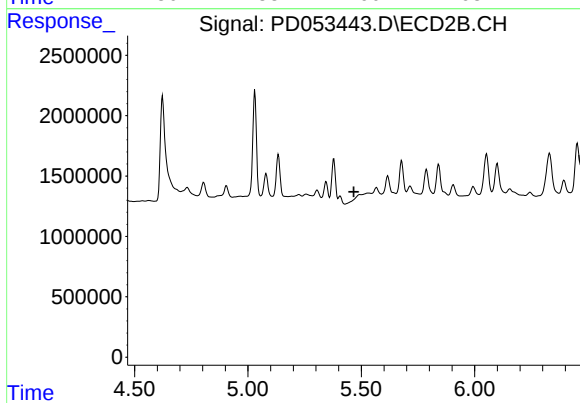
#4 Heptachlor

R.T.: 5.134 min  
Delta R.T.: -0.029 min  
Response: 325180  
Conc: 0.28 ng/ml



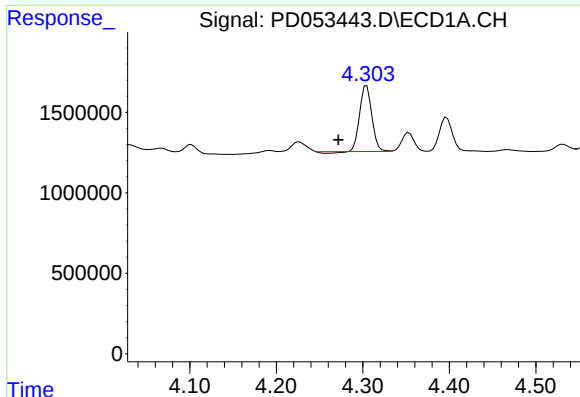
#5 Aldrin

R.T.: 4.592 min  
Delta R.T.: 0.039 min  
Response: 2358058  
Conc: 2.64 ng/ml



#5 Aldrin

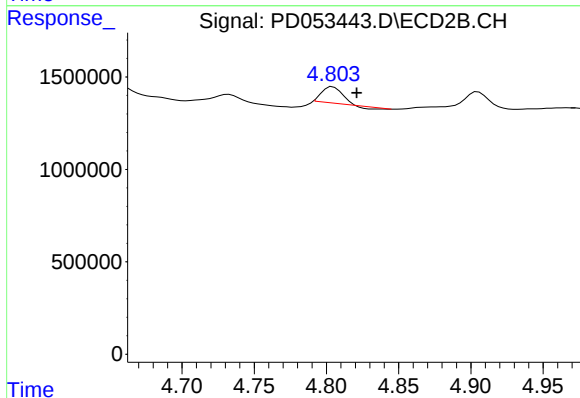
R.T.: 0.000 min  
Exp R.T.: 5.467 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

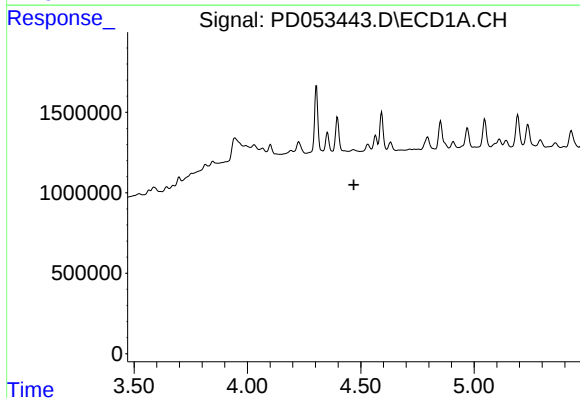
R.T.: 4.304 min  
Delta R.T.: 0.033 min  
Response: 3929447  
Conc: 9.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



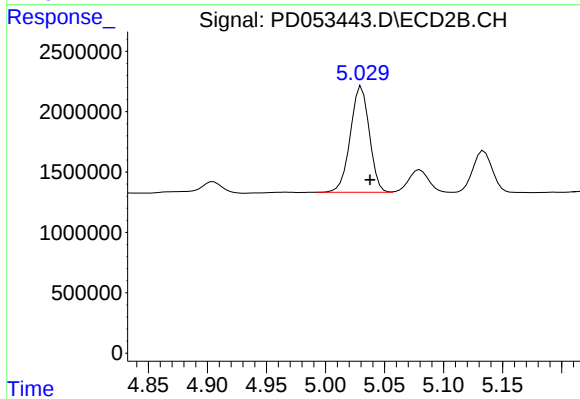
#6 beta-BHC

R.T.: 4.804 min  
Delta R.T.: -0.017 min  
Response: 793307  
Conc: 1.35 ng/ml



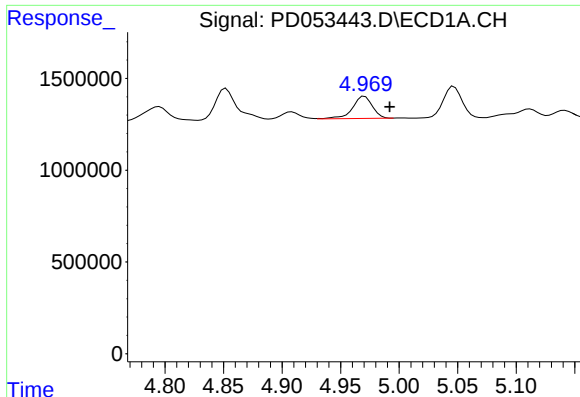
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.470 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

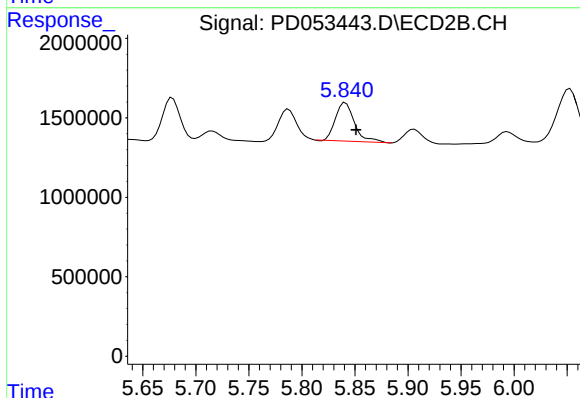
R.T.: 5.031 min  
Delta R.T.: -0.007 min  
Response: 9846122  
Conc: 8.09 ng/ml



#8 Heptachlor epoxide

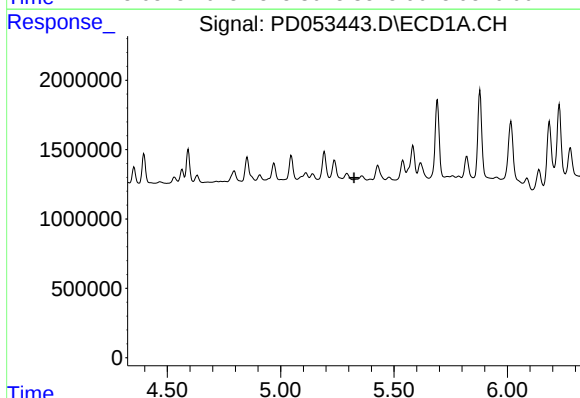
R.T.: 4.971 min  
Delta R.T.: -0.022 min  
Response: 1433695  
Conc: 1.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



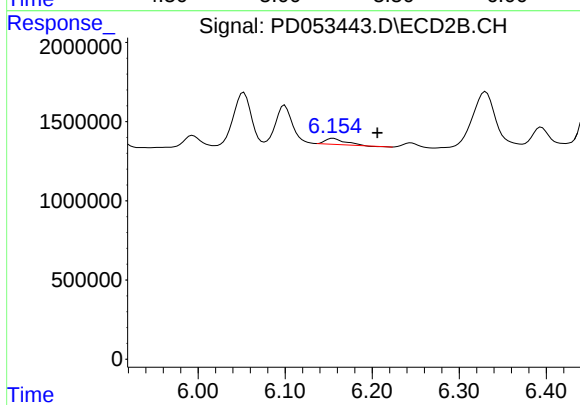
#8 Heptachlor epoxide

R.T.: 5.841 min  
Delta R.T.: -0.010 min  
Response: 3032748  
Conc: 2.58 ng/ml



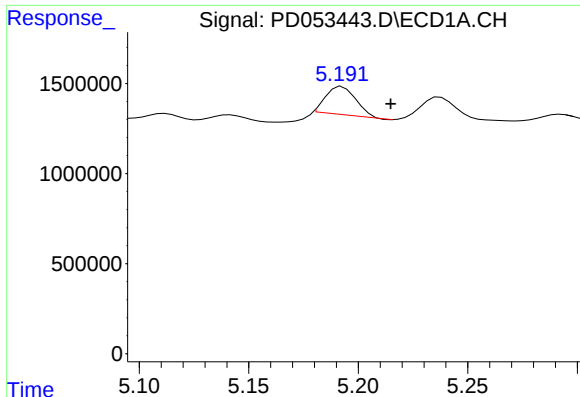
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.324 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

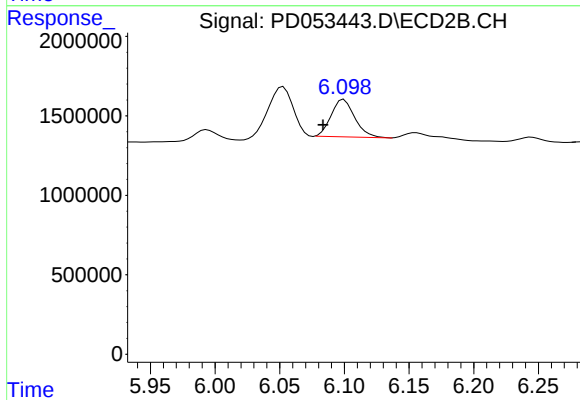
R.T.: 6.155 min  
Delta R.T.: -0.051 min  
Response: 597529  
Conc: 0.54 ng/ml



#10 trans-Chlordane

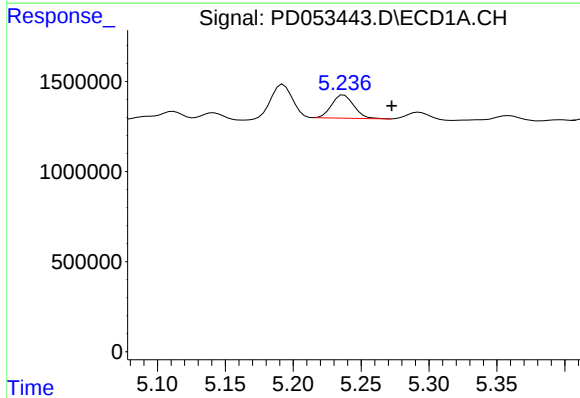
R.T.: 5.193 min  
Delta R.T.: -0.022 min  
Response: 1465396  
Conc: 1.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



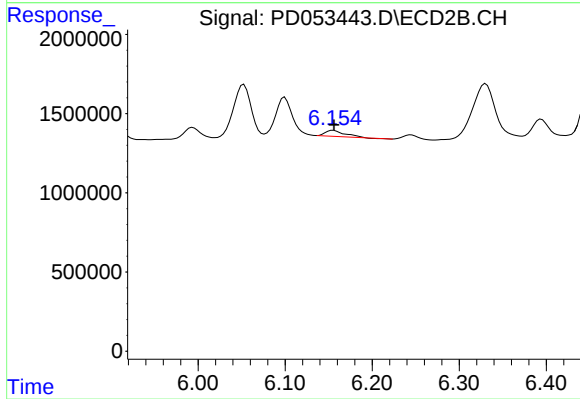
#10 trans-Chlordane

R.T.: 6.100 min  
Delta R.T.: 0.016 min  
Response: 2978397  
Conc: 2.33 ng/ml



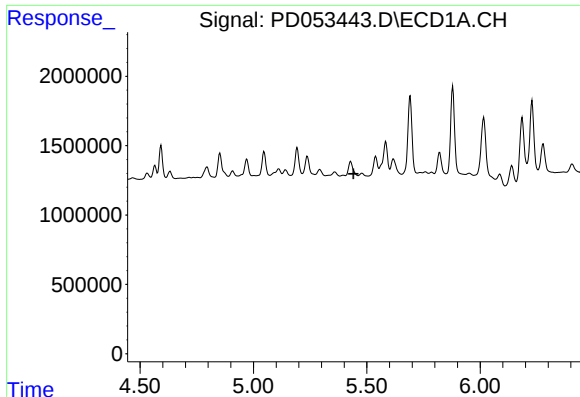
#11 cis-Chlordane

R.T.: 5.237 min  
Delta R.T.: -0.035 min  
Response: 1459460  
Conc: 1.72 ng/ml



#11 cis-Chlordane

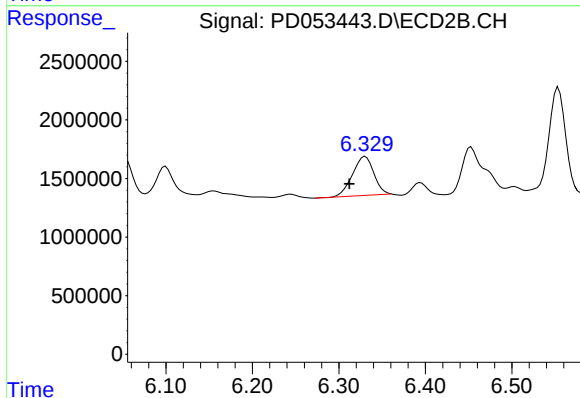
R.T.: 6.155 min  
Delta R.T.: -0.001 min  
Response: 597529  
Conc: 0.47 ng/ml



#12 4,4'-DDE

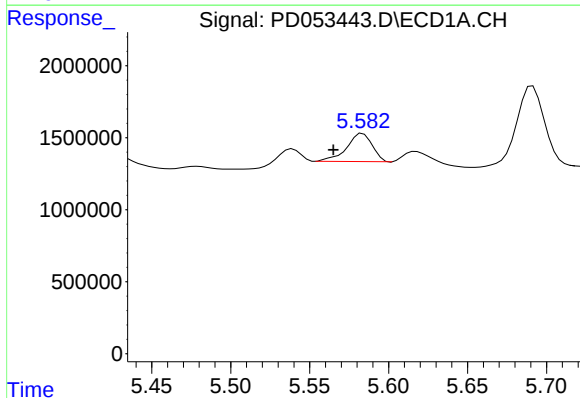
R.T.: 0.000 min  
Exp R.T.: 5.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



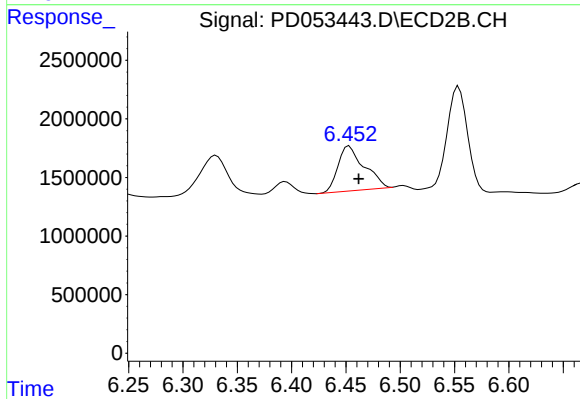
#12 4,4'-DDE

R.T.: 6.331 min  
Delta R.T.: 0.018 min  
Response: 5728823  
Conc: 4.65 ng/ml



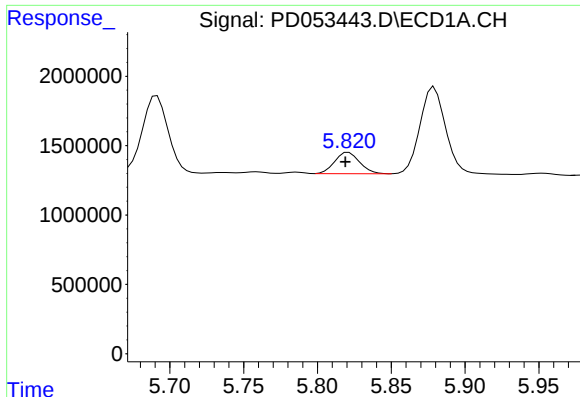
#13 Dieldrin

R.T.: 5.584 min  
Delta R.T.: 0.018 min  
Response: 2206843  
Conc: 2.68 ng/ml



#13 Dieldrin

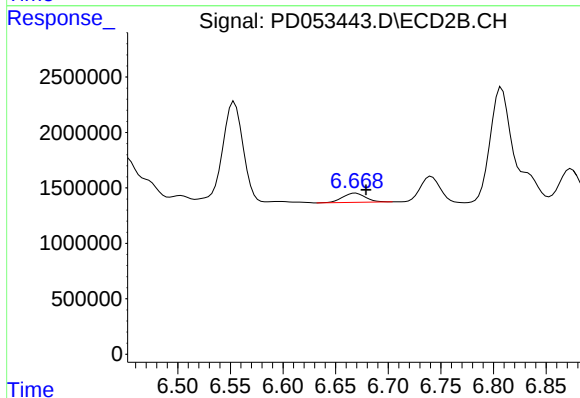
R.T.: 6.453 min  
Delta R.T.: -0.009 min  
Response: 6406405  
Conc: 5.08 ng/ml



#14 Endrin

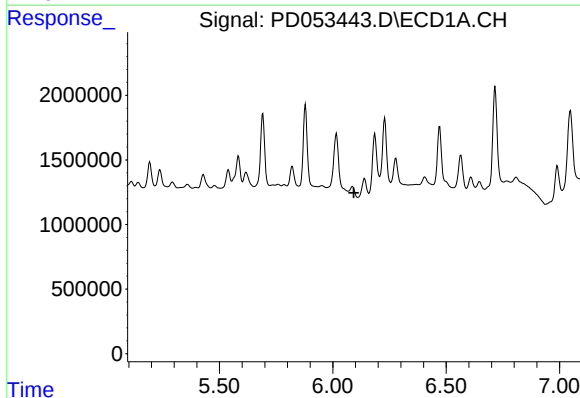
R.T.: 5.821 min  
Delta R.T.: 0.002 min  
Response: 1794411  
Conc: 2.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



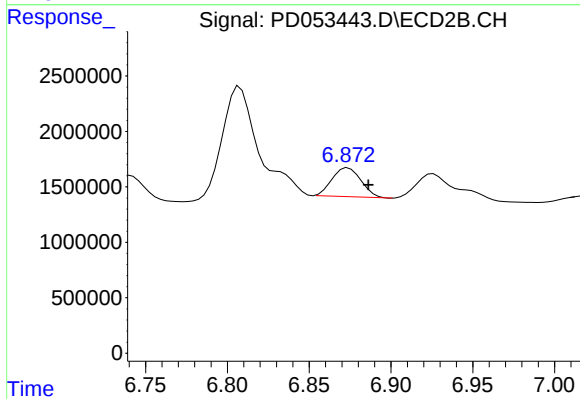
#14 Endrin

R.T.: 6.669 min  
Delta R.T.: -0.010 min  
Response: 1250265  
Conc: 1.39 ng/ml



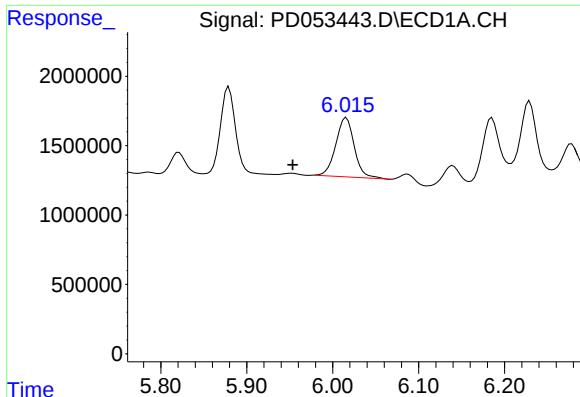
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.093 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

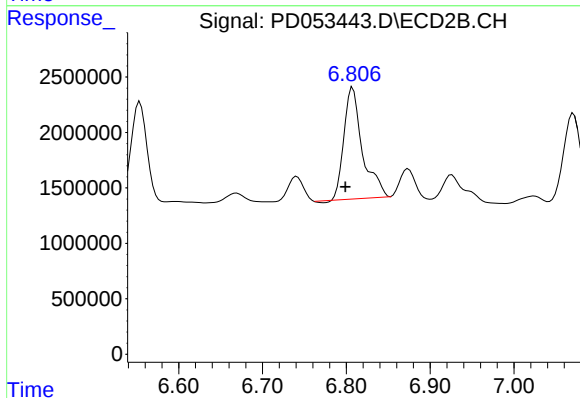
R.T.: 6.874 min  
Delta R.T.: -0.012 min  
Response: 3199345  
Conc: 3.05 ng/ml



#16 4,4'-DDD

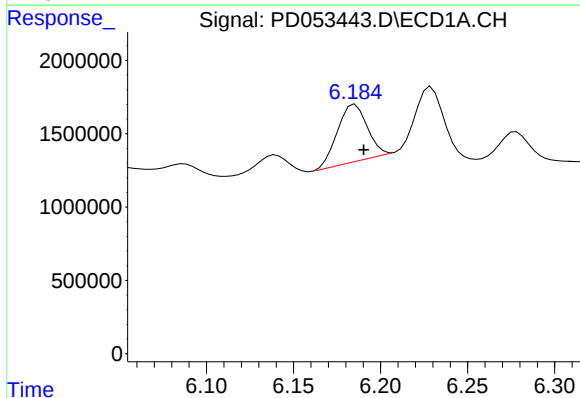
R.T.: 6.016 min  
Delta R.T.: 0.063 min  
Response: 6402435  
Conc: 11.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



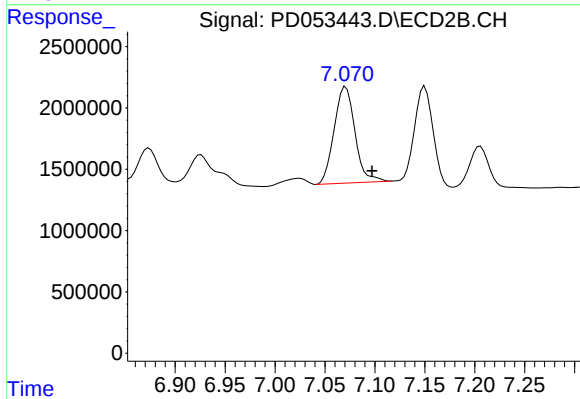
#16 4,4'-DDD

R.T.: 6.808 min  
Delta R.T.: 0.009 min  
Response: 15387462  
Conc: 16.66 ng/ml



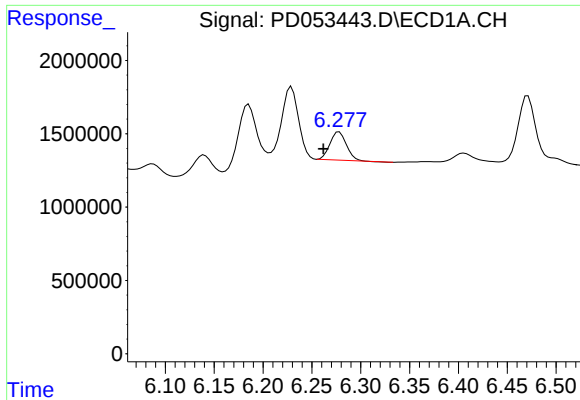
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.005 min  
Response: 4618593  
Conc: 8.52 ng/ml



#17 4,4'-DDT

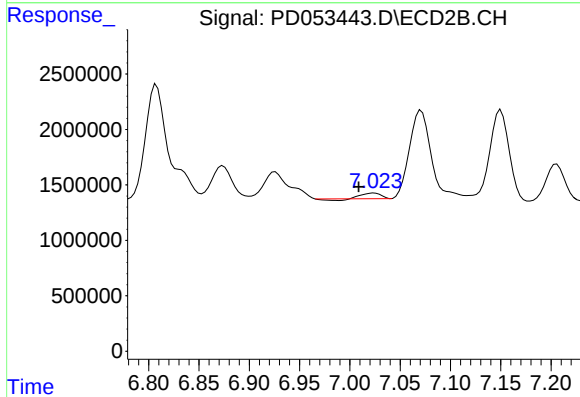
R.T.: 7.071 min  
Delta R.T.: -0.026 min  
Response: 11405054  
Conc: 12.94 ng/ml



#18 Endrin aldehyde

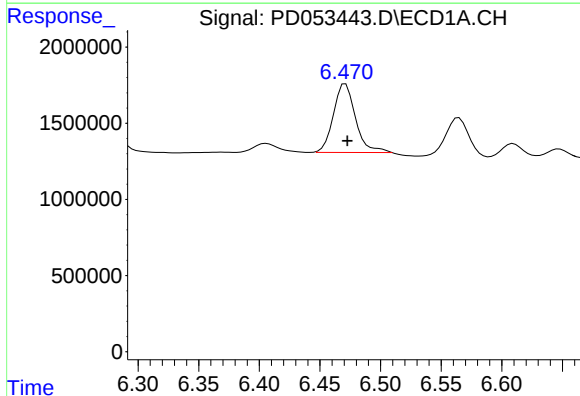
R.T.: 6.278 min  
Delta R.T.: 0.016 min  
Response: 2271469  
Conc: 3.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



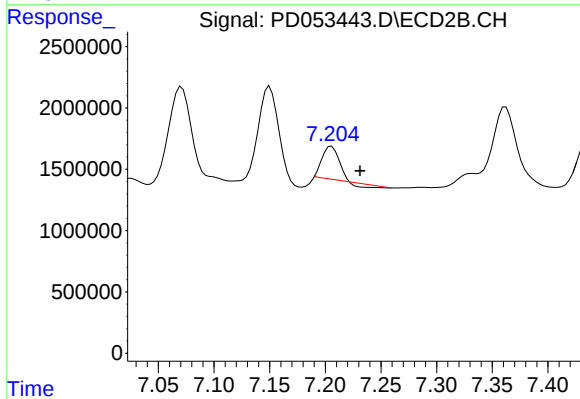
#18 Endrin aldehyde

R.T.: 7.024 min  
Delta R.T.: 0.016 min  
Response: 544178  
Conc: 0.61 ng/ml



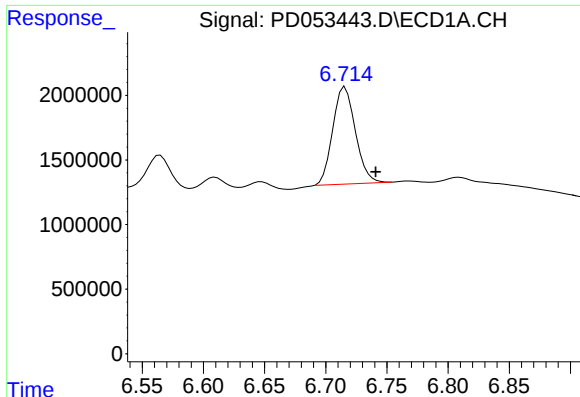
#19 Endosulfan Sulfate

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 5730934  
Conc: 8.67 ng/ml



#19 Endosulfan Sulfate

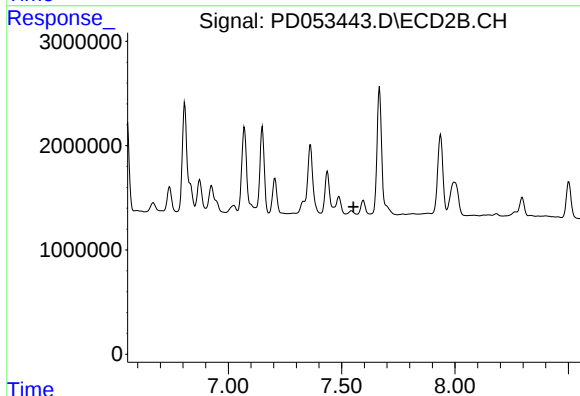
R.T.: 7.206 min  
Delta R.T.: -0.026 min  
Response: 2477221  
Conc: 2.36 ng/ml



#20 Methoxychlor

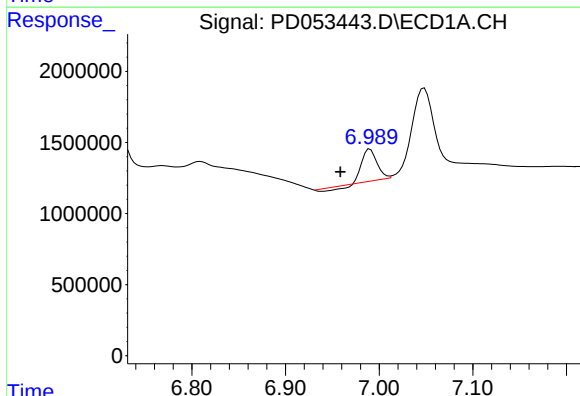
R.T.: 6.716 min  
Delta R.T.: -0.025 min  
Response: 9681300  
Conc: 42.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



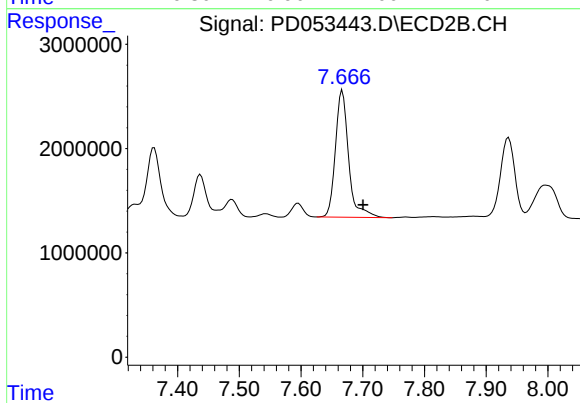
#20 Methoxychlor

R.T.: 7.543 min  
Delta R.T.: -0.010 min  
Response: -374806  
Conc: N.D.



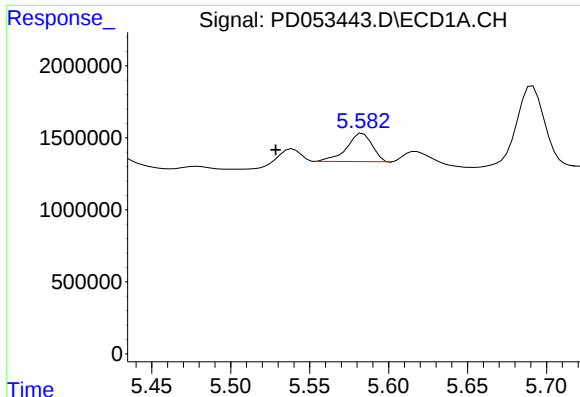
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: 0.032 min  
Response: 2123596  
Conc: 3.11 ng/ml



#21 Endrin ketone

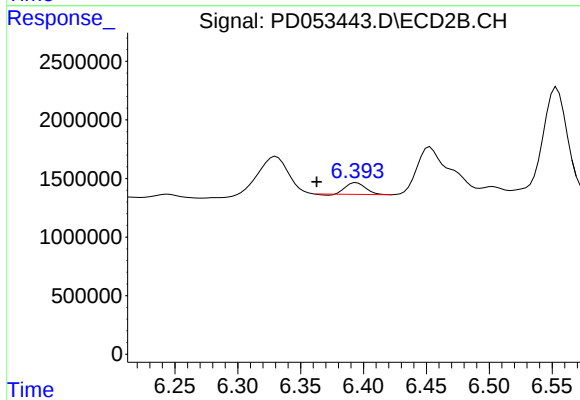
R.T.: 7.667 min  
Delta R.T.: -0.033 min  
Response: 18101551  
Conc: 16.99 ng/ml



#22 Toxaphene-1

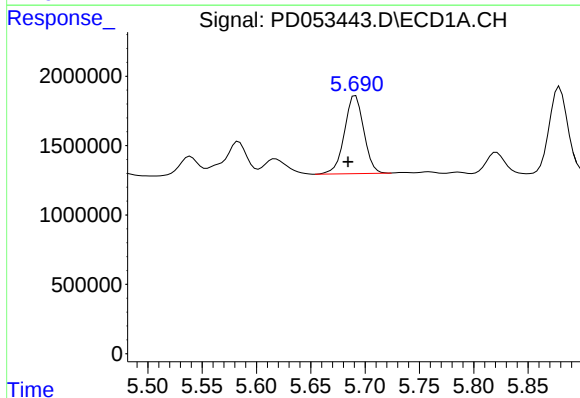
R.T.: 5.584 min  
Delta R.T.: 0.055 min  
Response: 2206843  
Conc: 453.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



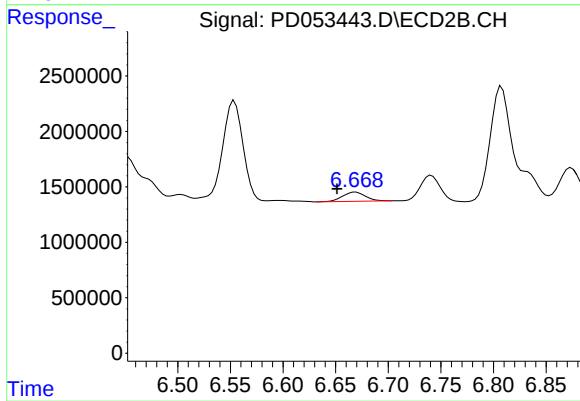
#22 Toxaphene-1

R.T.: 6.394 min  
Delta R.T.: 0.032 min  
Response: 1051664  
Conc: 183.20 ng/ml



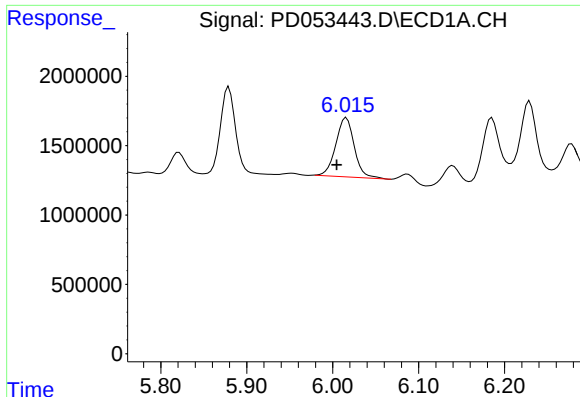
#23 Toxaphene-2

R.T.: 5.691 min  
Delta R.T.: 0.007 min  
Response: 6967409  
Conc: 1479.11 ng/ml



#23 Toxaphene-2

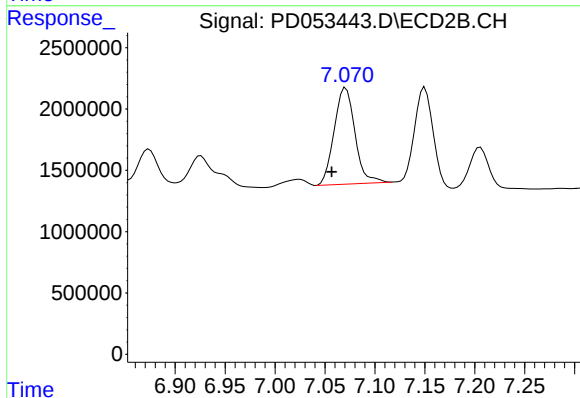
R.T.: 6.669 min  
Delta R.T.: 0.018 min  
Response: 1250265  
Conc: 175.22 ng/ml



#24 Toxaphene-3

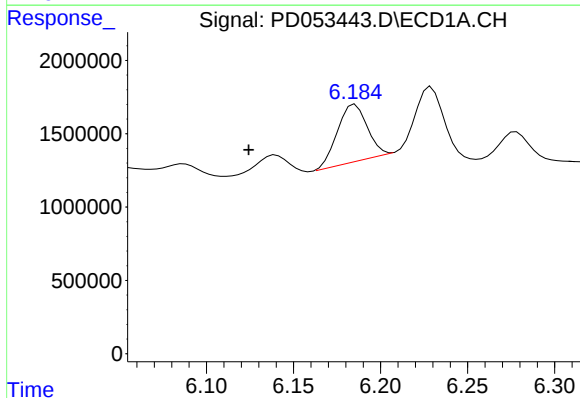
R.T.: 6.016 min  
Delta R.T.: 0.011 min  
Response: 6402435  
Conc: 1499.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



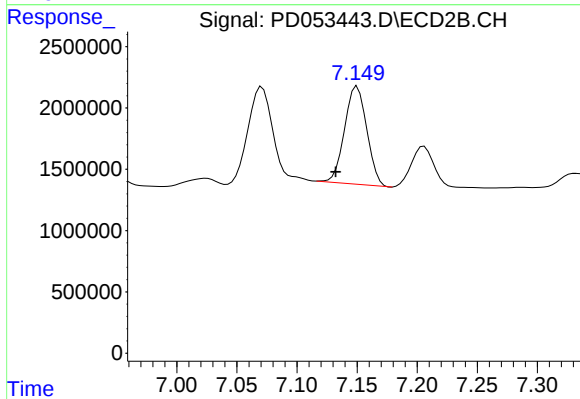
#24 Toxaphene-3

R.T.: 7.071 min  
Delta R.T.: 0.014 min  
Response: 11405054  
Conc: 1122.50 ng/ml



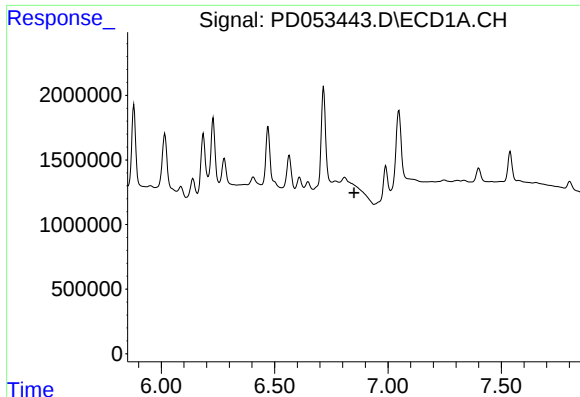
#25 Toxaphene-4

R.T.: 6.185 min  
Delta R.T.: 0.061 min  
Response: 4618593  
Conc: 380.07 ng/ml



#25 Toxaphene-4

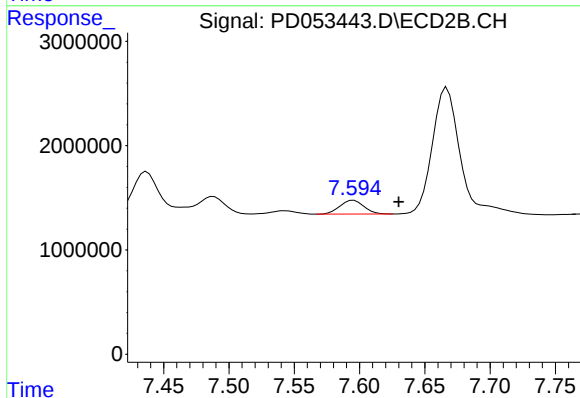
R.T.: 7.150 min  
Delta R.T.: 0.018 min  
Response: 10312697  
Conc: 361.73 ng/ml



#26 Toxaphene-5

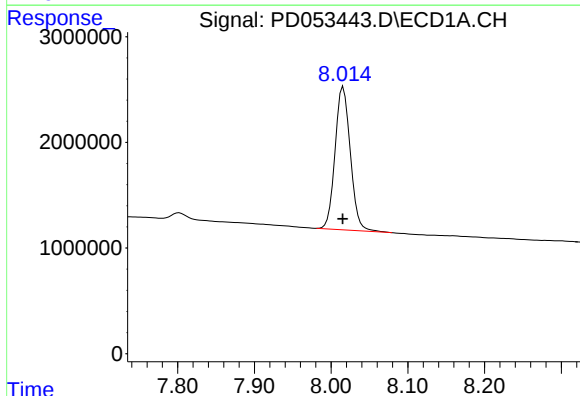
R.T.: 0.000 min  
Exp R.T.: 6.851 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFHB3



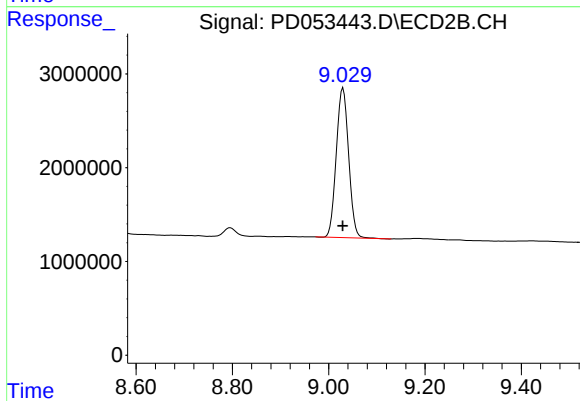
#26 Toxaphene-5

R.T.: 7.596 min  
Delta R.T.: -0.034 min  
Response: 1693904  
Conc: 134.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: 0.000 min  
Response: 18714871  
Conc: 28.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.030 min  
Delta R.T.: 0.000 min  
Response: 28480097  
Conc: 27.57 ng/ml