

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110219\  
 Data File : PD055795.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2019 12:22  
 Operator : SG\AJ  
 Sample : K4839-11DL 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 12:54:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 31 06:48:28 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.288  | 3.962  | 12400935 | 14655314 | 14.546  | 12.169    |
| 28)                         | SA Decachlor... | 7.964  | 8.998  | 12680129 | 18271789 | 13.403  | 13.130    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.358  | 0        | 2989706  | N.D.    | 1.696 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.651f | 0        | 976875   | N.D.    | 0.569 #   |
| 4)                          | MA Heptachlor   | 4.277  | 5.138  | 30782360 | 58461216 | 28.894  | 33.739    |
| 5)                          | MB Aldrin       | 4.530  | 5.416f | 1838758  | 39267402 | 1.680   | 23.460 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.826f | 0        | 3442609  | N.D.    | 4.331 #   |
| 7)                          | B delta-BHC     | 4.433  | 0.000  | 2910238  | 0        | 2.527   | N.D. #    |
| 8)                          | B Heptachlo...  | 0.000  | 5.811  | 0        | 26416844 | N.D.    | 16.358 #  |
| 9)                          | A Endosulfan I  | 5.272  | 0.000  | 4156542  | 0        | 4.264   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.176  | 6.059  | 78206722 | 152.9E6  | 73.289  | 88.688    |
| 11)                         | B alpha-Chl...  | 5.233  | 6.133  | 69739009 | 180.4E6  | 66.078  | 105.016 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.281  | 0        | 1864394  | N.D.    | 1.166 #   |
| 13)                         | MA Dieldrin     | 5.505f | 6.436  | 972634   | 8371348  | 0.917   | 4.954 #   |
| 14)                         | MA Endrin       | 5.783  | 6.675f | 3639810  | 537509   | 3.795   | 0.373 #   |
| 15)                         | B Endosulfa...  | 6.056  | 6.873  | 23235266 | 1878434  | 23.973  | 1.209 #   |
| 18)                         | B Endrin al...  | 6.245f | 6.976  | 2754240  | 2392231  | 3.296   | 1.784 #   |
| 19)                         | B Endosulfa...  | 0.000  | 7.208  | 0        | 2116728  | N.D.    | 1.455 #   |
| 23)                         | Chlordane-1     | 4.130  | 4.950  | 22598799 | 37688778 | 871.408 | 812.151   |
| 24)                         | Chlordane-2     | 4.621  | 5.416  | 25487053 | 39267402 | 801.424 | 747.527   |
| 25)                         | Chlordane-3     | 5.176  | 6.059  | 78206722 | 152.9E6  | 813.245 | 698.240   |
| 26)                         | Chlordane-4     | 5.233  | 6.133  | 69739009 | 180.4E6  | 829.264 | 685.847   |
| 27)                         | Chlordane-5     | 6.056  | 6.934  | 23235266 | 38266800 | 765.234 | 820.835   |
| -----                       |                 |        |        |          |          |         |           |

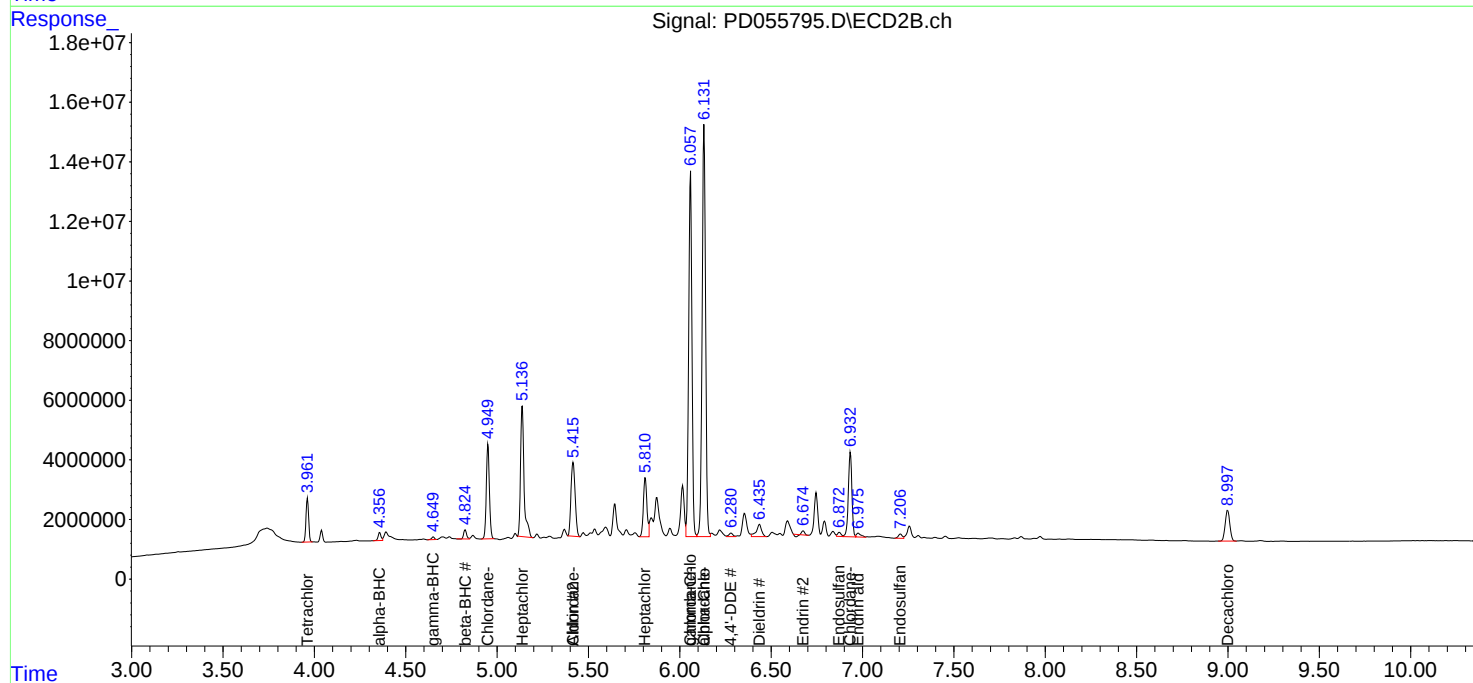
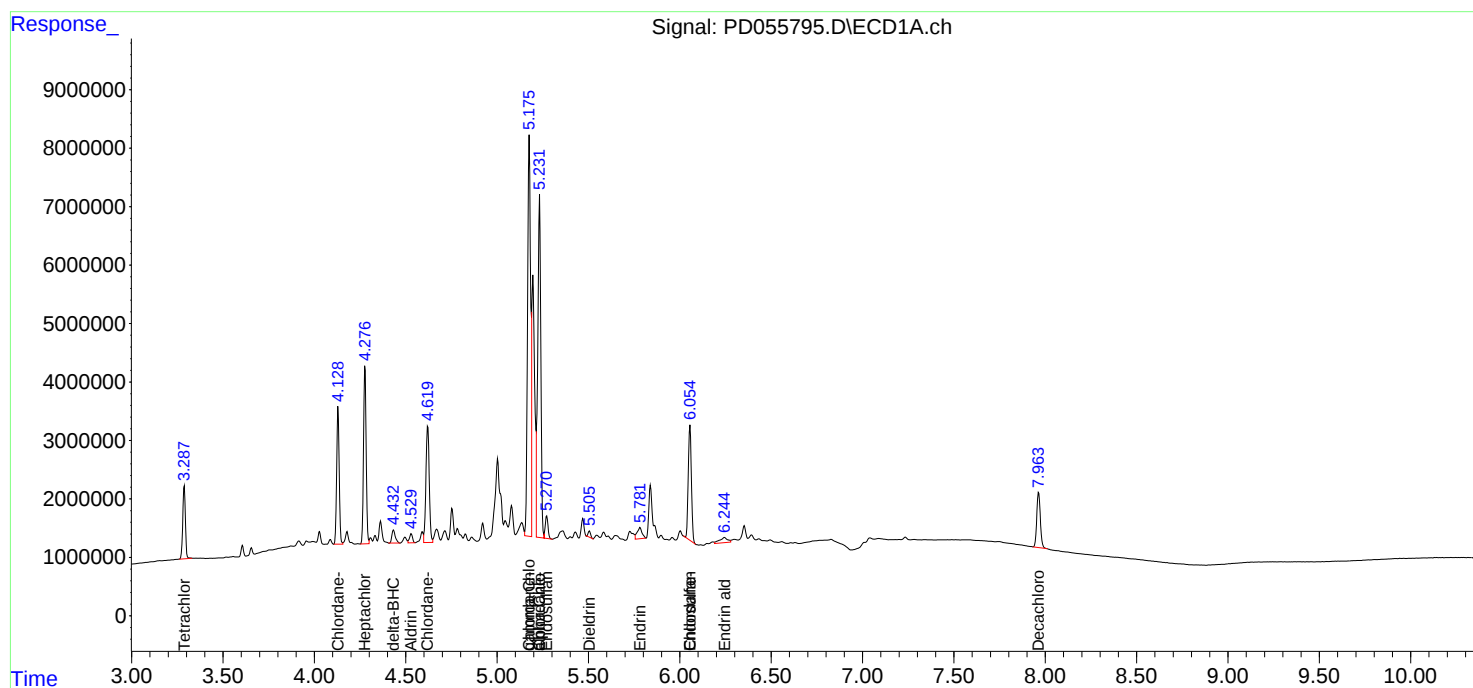
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

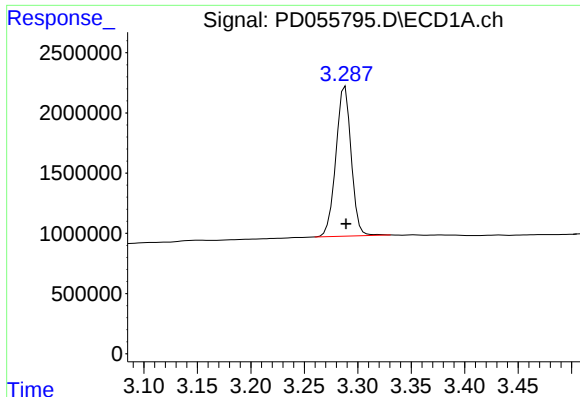
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110219\  
Data File : PD055795.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Nov 2019 12:22  
Operator : SG\AJ  
Sample : K4839-11DL 2X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 12:54:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110119.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 31 06:48:28 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 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

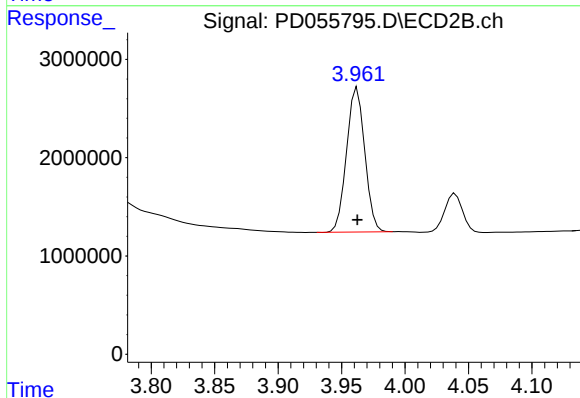




#1 Tetrachloro-m-xylene

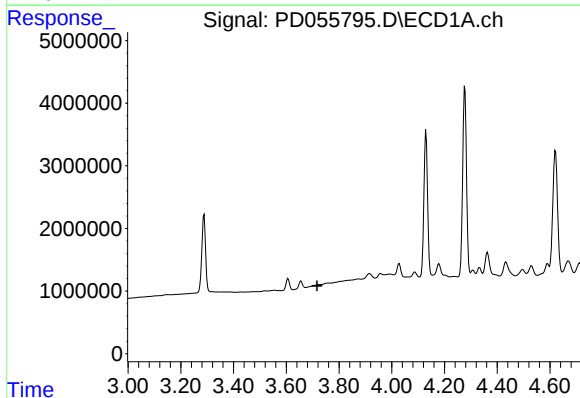
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 12400935  
Conc: 14.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



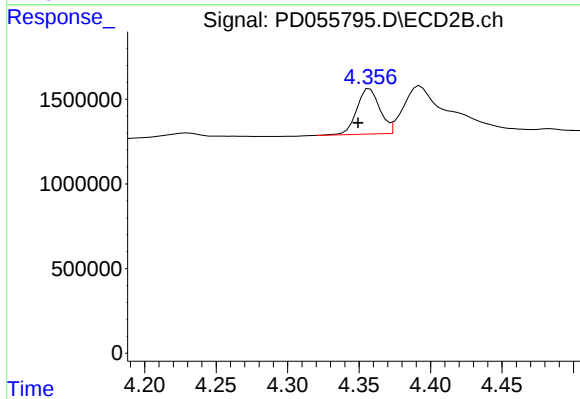
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 14655314  
Conc: 12.17 ng/ml



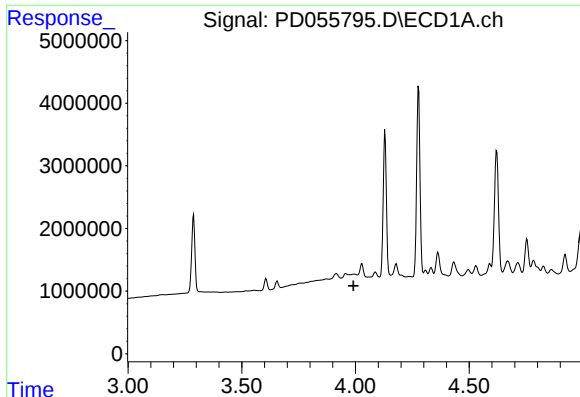
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.716 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

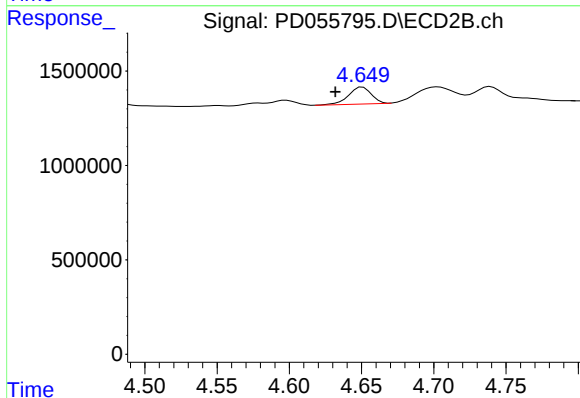
R.T.: 4.358 min  
Delta R.T.: 0.008 min  
Response: 2989706  
Conc: 1.70 ng/ml



#3 gamma-BHC (Lindane)

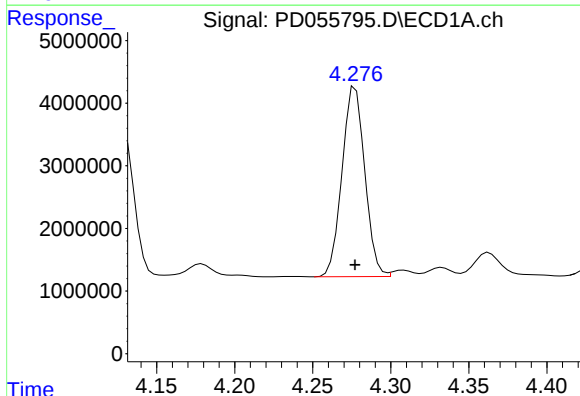
R.T.: 0.000 min  
Exp R.T.: 3.991 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



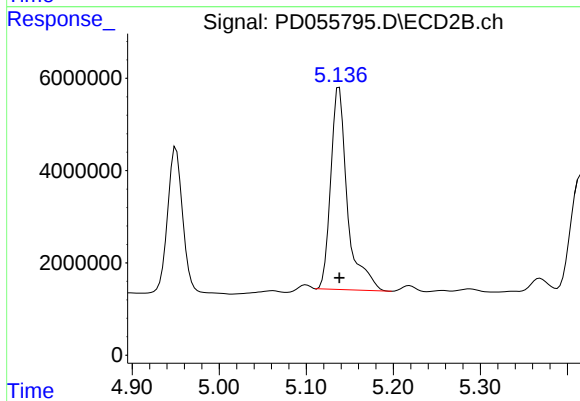
#3 gamma-BHC (Lindane)

R.T.: 4.651 min  
Delta R.T.: 0.019 min  
Response: 976875  
Conc: 0.57 ng/ml



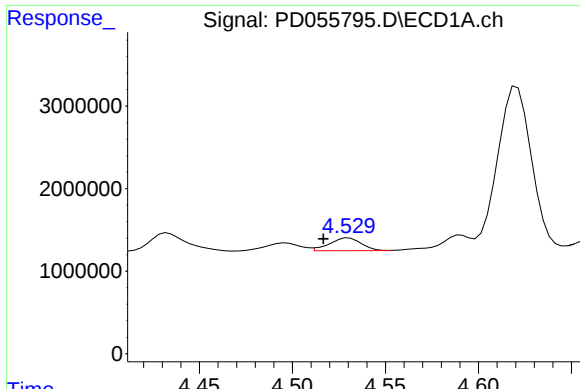
#4 Heptachlor

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 30782360  
Conc: 28.89 ng/ml



#4 Heptachlor

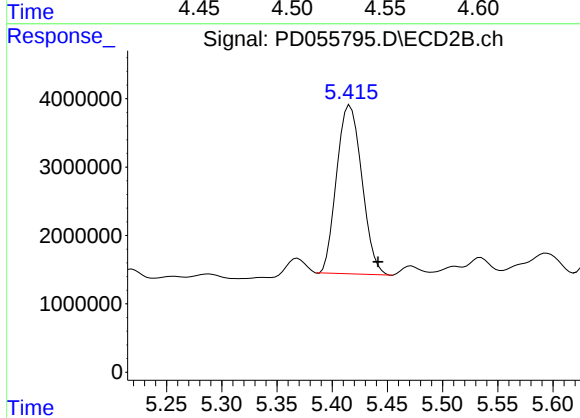
R.T.: 5.138 min  
Delta R.T.: 0.000 min  
Response: 58461216  
Conc: 33.74 ng/ml



#5 Aldrin

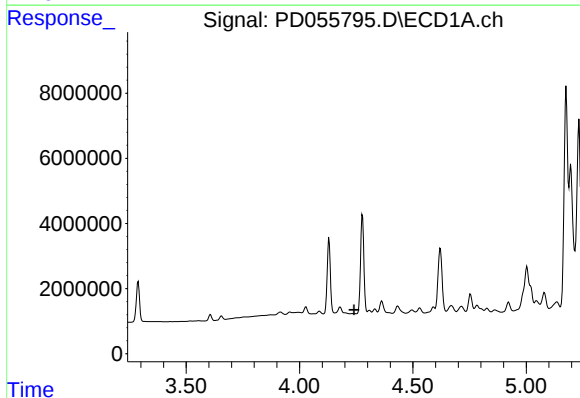
R.T.: 4.530 min  
Delta R.T.: 0.014 min  
Response: 1838758  
Conc: 1.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



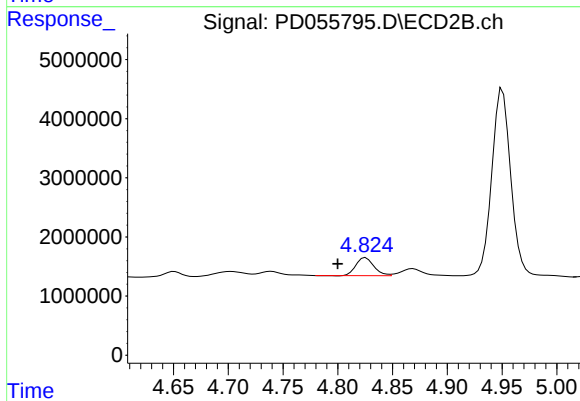
#5 Aldrin

R.T.: 5.416 min  
Delta R.T.: -0.025 min  
Response: 39267402  
Conc: 23.46 ng/ml



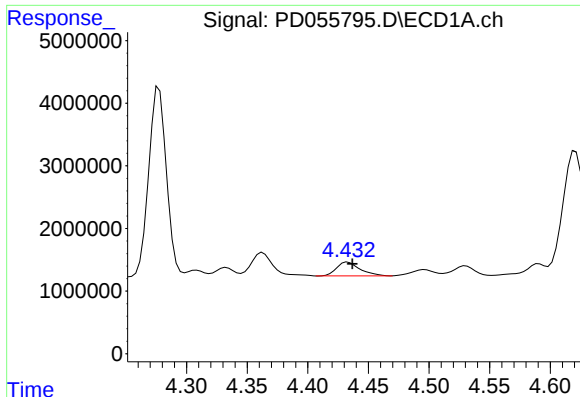
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.241 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

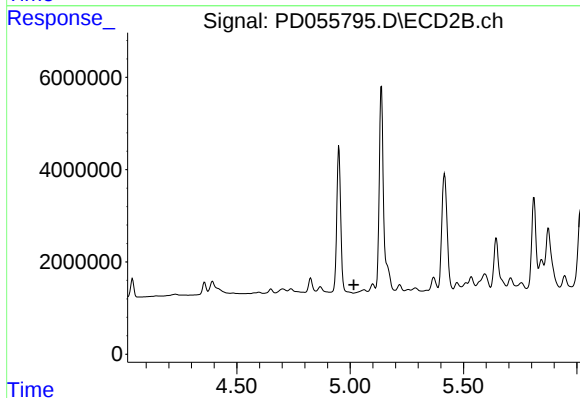
R.T.: 4.826 min  
Delta R.T.: 0.026 min  
Response: 3442609  
Conc: 4.33 ng/ml



#7 delta-BHC

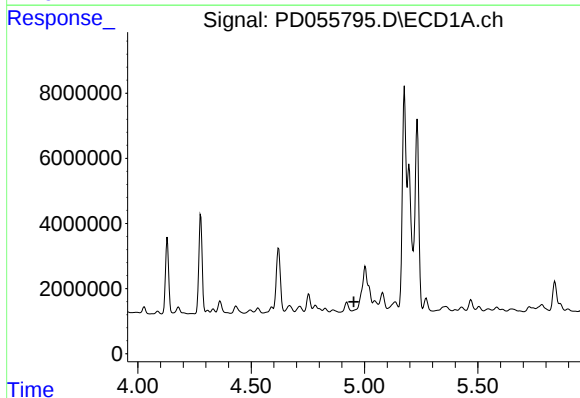
R.T.: 4.433 min  
Delta R.T.: -0.004 min  
Response: 2910238  
Conc: 2.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



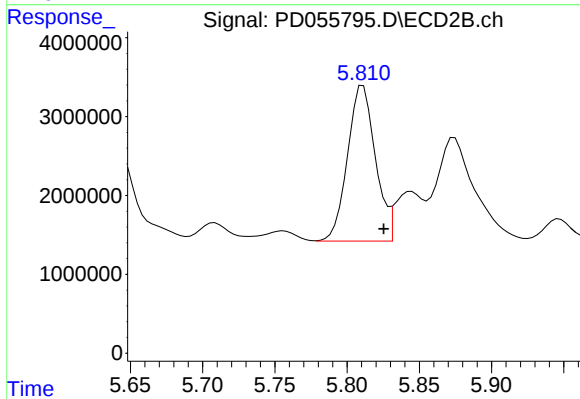
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.016 min  
Response: 0  
Conc: N.D.



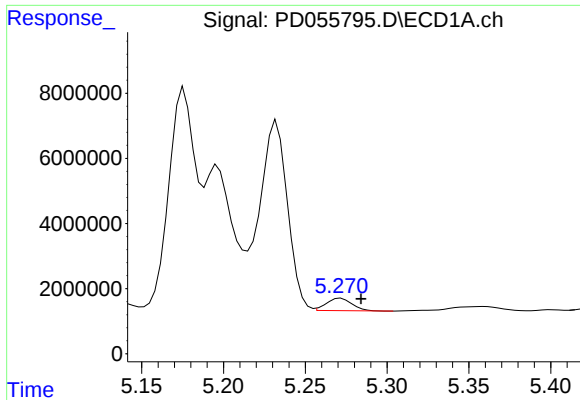
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

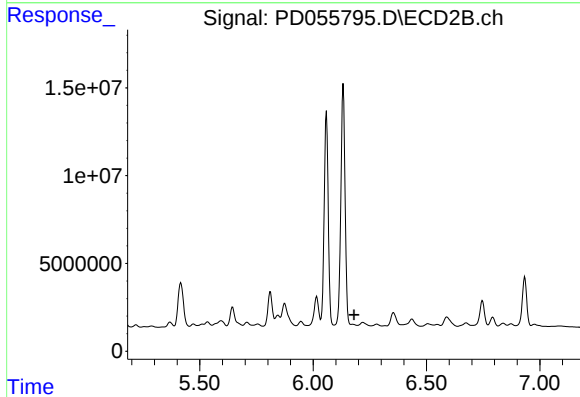
R.T.: 5.811 min  
Delta R.T.: -0.014 min  
Response: 26416844  
Conc: 16.36 ng/ml



#9 Endosulfan I

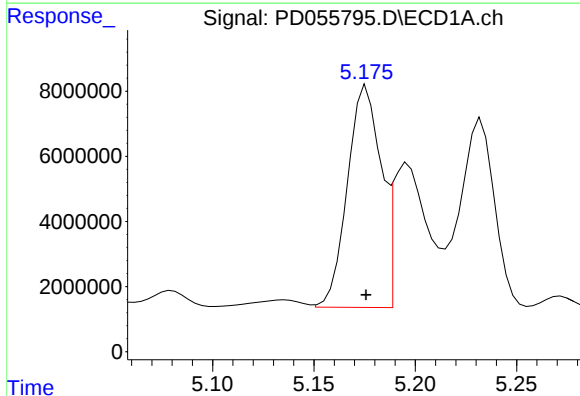
R.T.: 5.272 min  
Delta R.T.: -0.012 min  
Response: 4156542  
Conc: 4.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



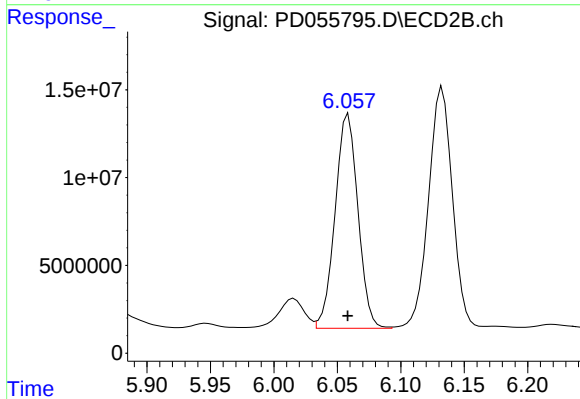
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.181 min  
Response: 0  
Conc: N.D.



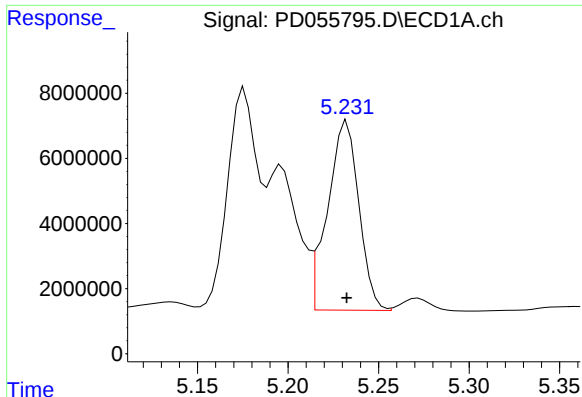
#10 gamma-Chlordane

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 78206722  
Conc: 73.29 ng/ml



#10 gamma-Chlordane

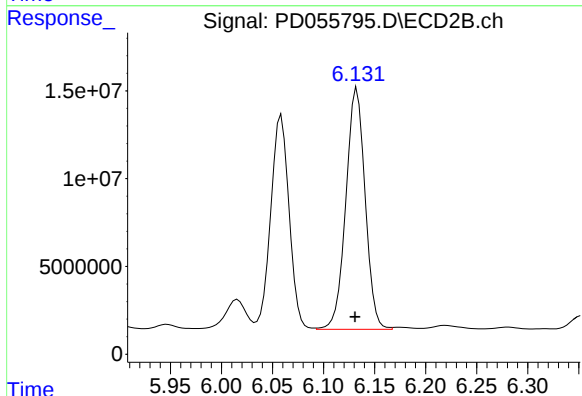
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 152900528  
Conc: 88.69 ng/ml



#11 alpha-Chlordane

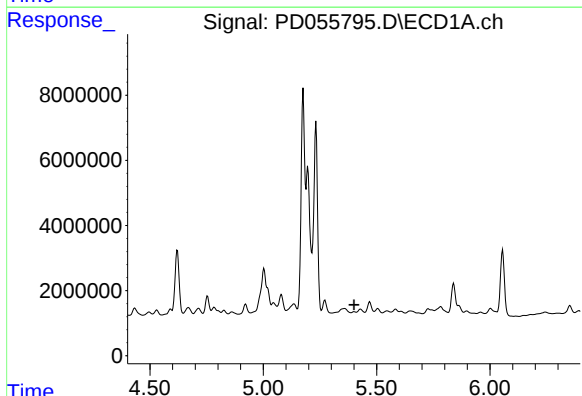
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 69739009  
Conc: 66.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



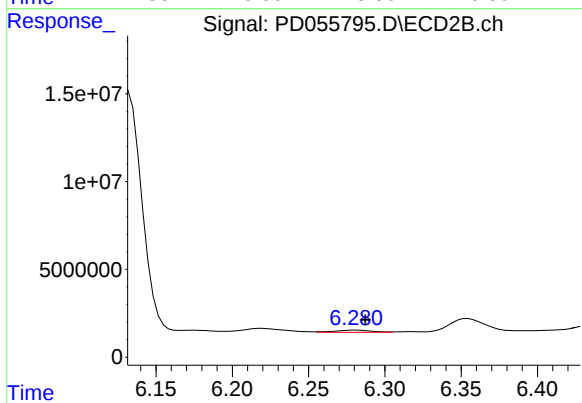
#11 alpha-Chlordane

R.T.: 6.133 min  
Delta R.T.: 0.002 min  
Response: 180411376  
Conc: 105.02 ng/ml



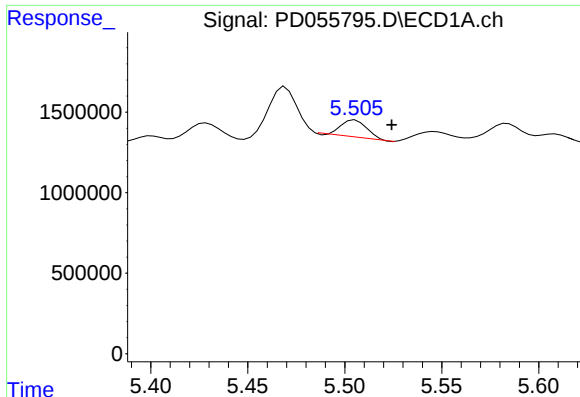
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

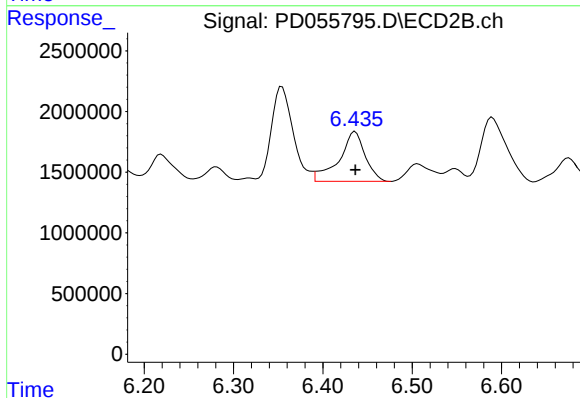
R.T.: 6.281 min  
Delta R.T.: -0.006 min  
Response: 1864394  
Conc: 1.17 ng/ml



#13 Dieldrin

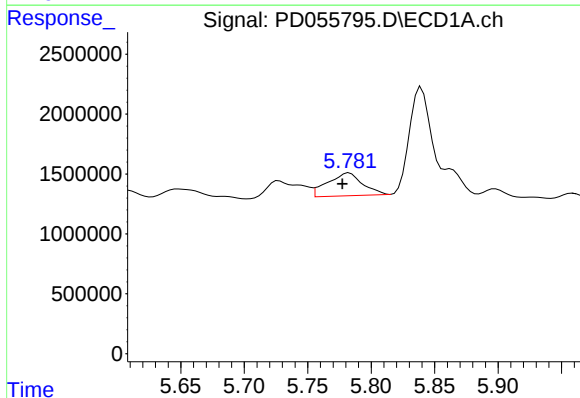
R.T.: 5.505 min  
Delta R.T.: -0.019 min  
Response: 972634  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



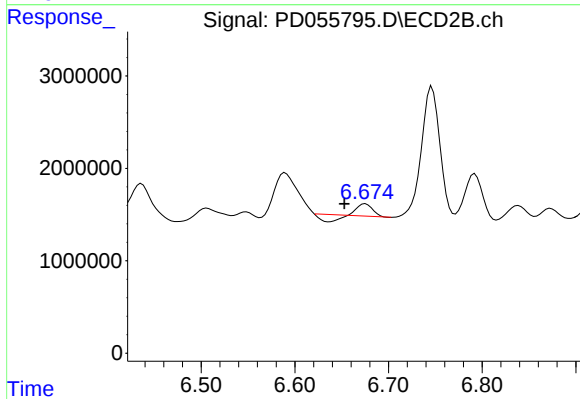
#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 8371348  
Conc: 4.95 ng/ml



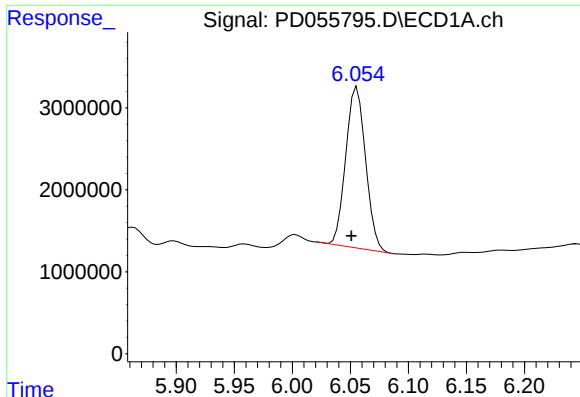
#14 Endrin

R.T.: 5.783 min  
Delta R.T.: 0.006 min  
Response: 3639810  
Conc: 3.80 ng/ml



#14 Endrin

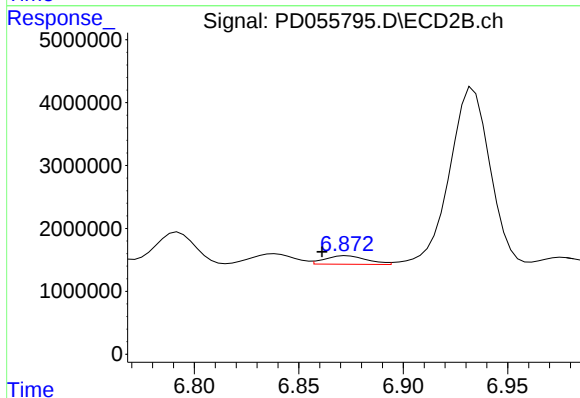
R.T.: 6.675 min  
Delta R.T.: 0.023 min  
Response: 537509  
Conc: 0.37 ng/ml



#15 Endosulfan II

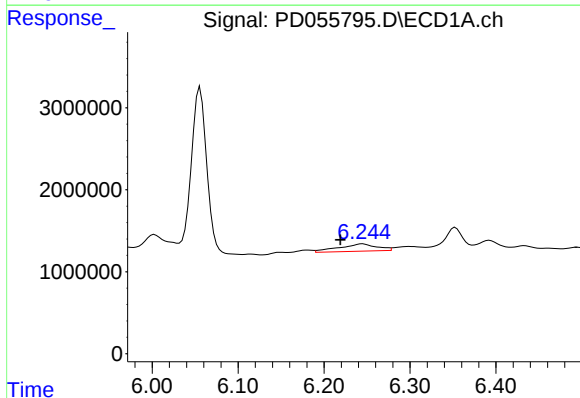
R.T.: 6.056 min  
Delta R.T.: 0.005 min  
Response: 23235266  
Conc: 23.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



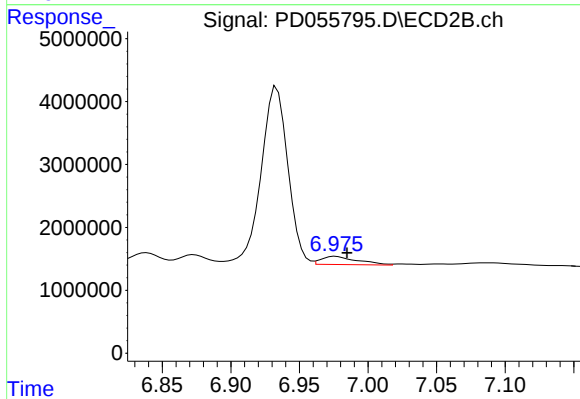
#15 Endosulfan II

R.T.: 6.873 min  
Delta R.T.: 0.012 min  
Response: 1878434  
Conc: 1.21 ng/ml



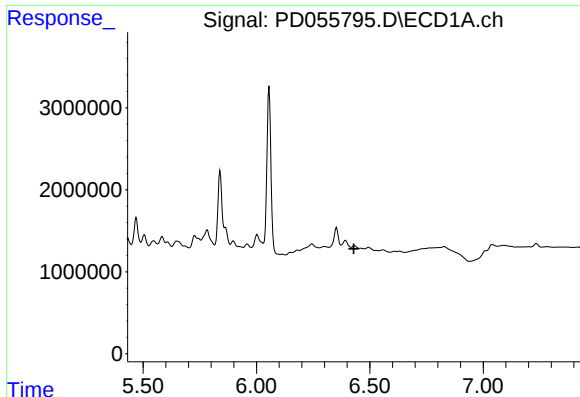
#18 Endrin aldehyde

R.T.: 6.245 min  
Delta R.T.: 0.026 min  
Response: 2754240  
Conc: 3.30 ng/ml



#18 Endrin aldehyde

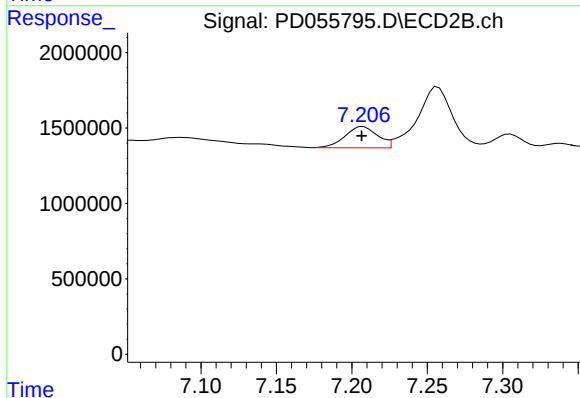
R.T.: 6.976 min  
Delta R.T.: -0.008 min  
Response: 2392231  
Conc: 1.78 ng/ml



#19 Endosulfan Sulfate

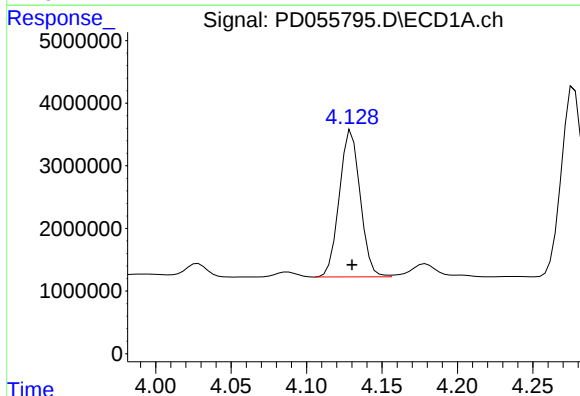
R.T.: 0.000 min  
Exp R.T.: 6.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



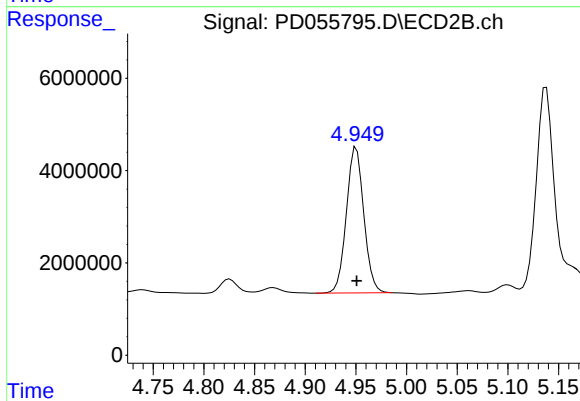
#19 Endosulfan Sulfate

R.T.: 7.208 min  
Delta R.T.: 0.000 min  
Response: 2116728  
Conc: 1.45 ng/ml



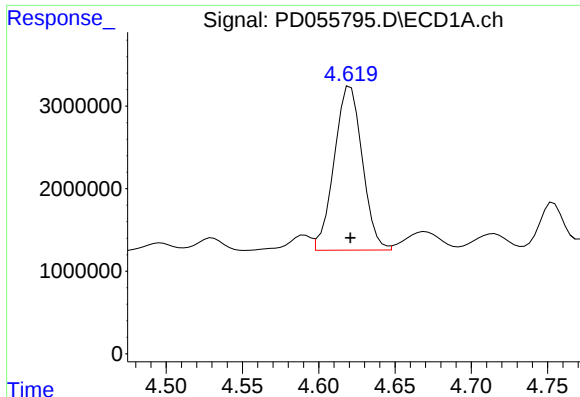
#23 Chlordane-1

R.T.: 4.130 min  
Delta R.T.: 0.000 min  
Response: 22598799  
Conc: 871.41 ng/ml



#23 Chlordane-1

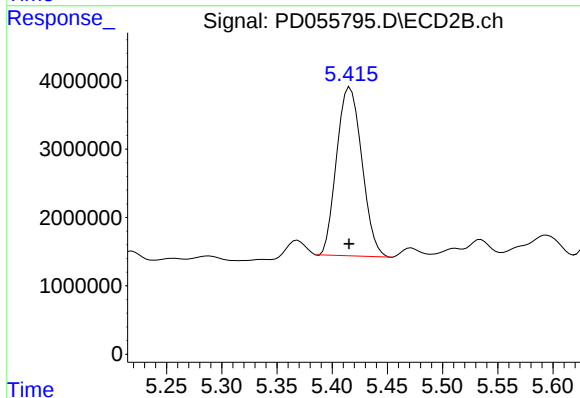
R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 37688778  
Conc: 812.15 ng/ml



#24 Chlordane-2

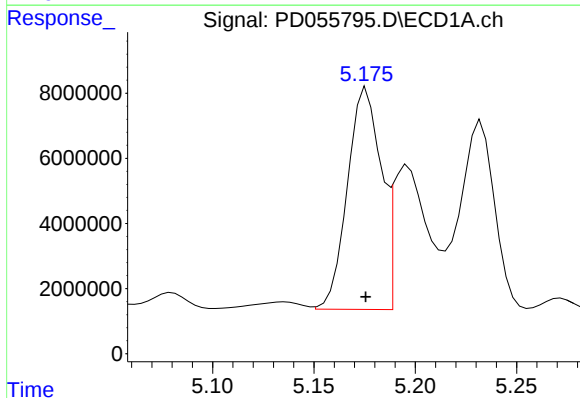
R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 25487053  
Conc: 801.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



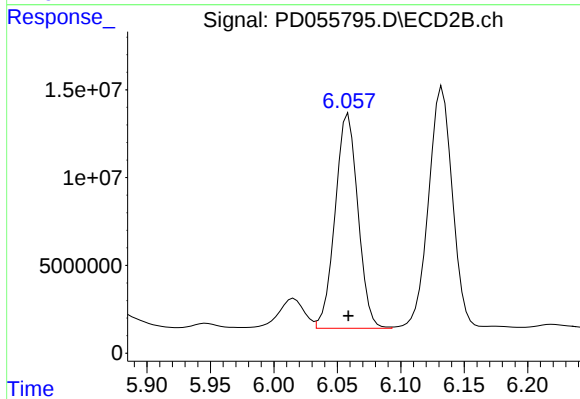
#24 Chlordane-2

R.T.: 5.416 min  
Delta R.T.: 0.000 min  
Response: 39267402  
Conc: 747.53 ng/ml



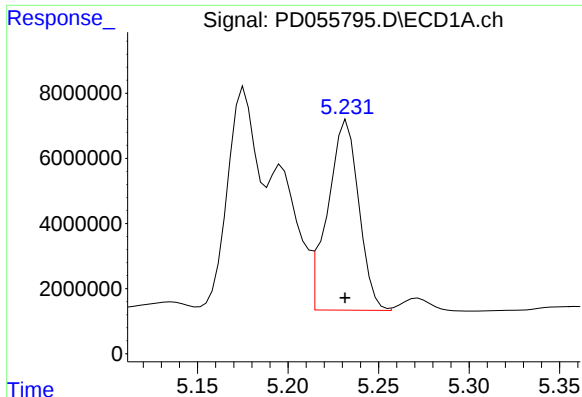
#25 Chlordane-3

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 78206722  
Conc: 813.24 ng/ml



#25 Chlordane-3

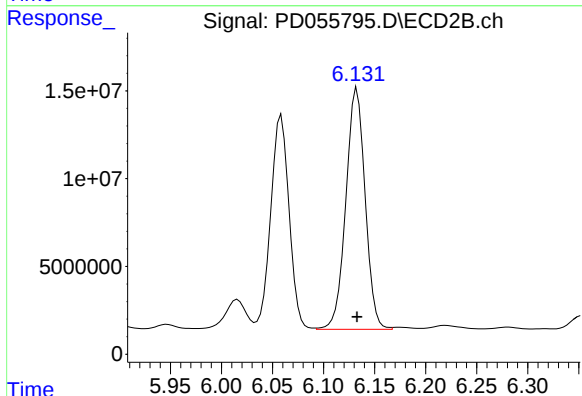
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 152900528  
Conc: 698.24 ng/ml



#26 Chlordane-4

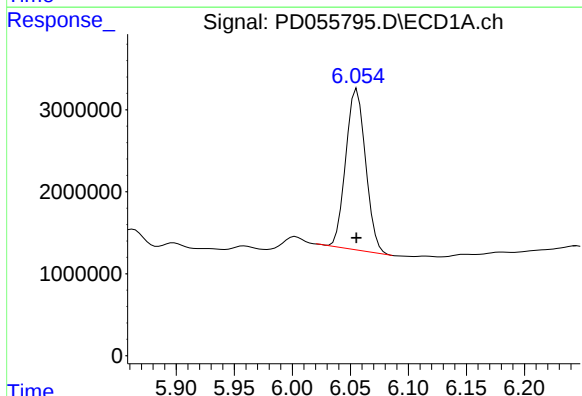
R.T.: 5.233 min  
Delta R.T.: 0.001 min  
Response: 69739009  
Conc: 829.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



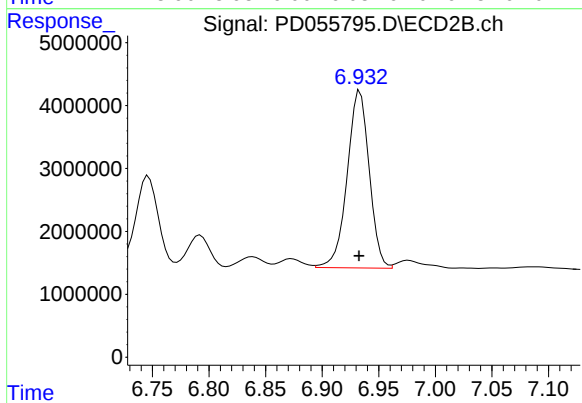
#26 Chlordane-4

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 180411376  
Conc: 685.85 ng/ml



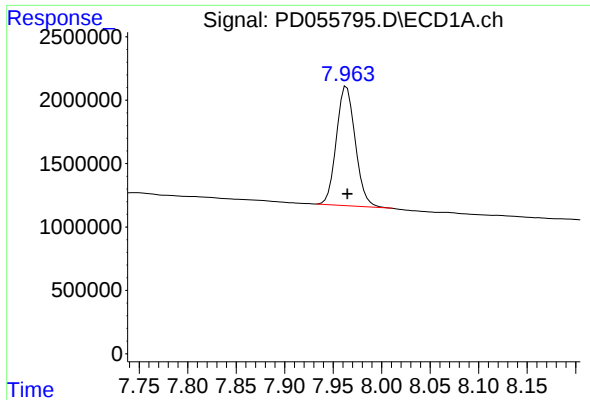
#27 Chlordane-5

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 23235266  
Conc: 765.23 ng/ml



#27 Chlordane-5

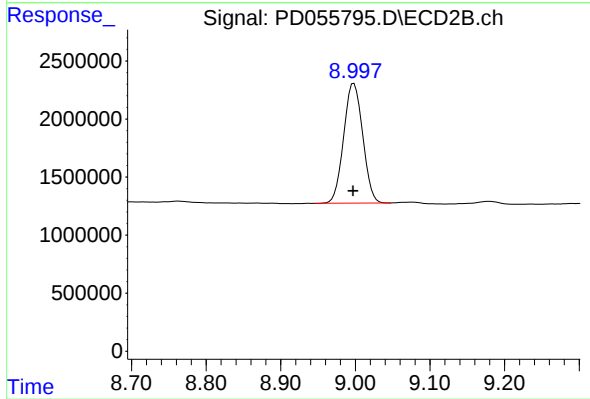
R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 38266800  
Conc: 820.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.964 min  
Delta R.T.: 0.000 min  
Response: 12680129  
Conc: 13.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: 0.000 min  
Response: 18271789  
Conc: 13.13 ng/ml