

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032919\  
 Data File : PD052315.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Mar 2019 17:34  
 Operator : AJ\SJ  
 Sample : K1825-11  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PT-CHLR-WP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 04:57:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 29 13:06:45 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.219  | 4.043  | 44012021 | 618.6E6   | 31.540   | 21.342 # |
| 28)                         | SA Decachlor... | 7.819  | 9.157  | 32640761 | 355.3E6   | 24.491   | 22.844   |
| Target Compounds            |                 |        |        |          |           |          |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.444  | 0        | 263.9E6   | N.D.     | 5.864 #  |
| 3)                          | MA gamma-BHC... | 3.918  | 4.742f | -1634322 | 102.4E6   | N.D.     | 2.545    |
| 4)                          | MA Heptachlor   | 4.187  | 5.236  | 244.8E6  | 4244.2E6  | 115.311  | 106.974  |
| 5)                          | MB Aldrin       | 4.435f | 5.516f | 13448648 | 2686.9E6  | 6.679    | 72.564 # |
| 6)                          | B beta-BHC      | 0.000  | 4.920f | 0        | 372.4E6   | N.D.     | 20.579 # |
| 7)                          | B delta-BHC     | 4.339  | 0.000  | 18877745 | 0         | 9.255    | N.D. #   |
| 8)                          | B Heptachlo...  | 4.816f | 5.915f | 16076848 | 1739.4E6  | 8.459    | 53.888 # |
| 9)                          | A Endosulfan I  | 5.158  | 6.280  | 28248150 | 30227610  | 15.806   | 1.035 #  |
| 10)                         | B gamma-Chl...  | 5.063  | 6.166  | 598.6E6  | 9262.0E6  | 306.981  | 289.492  |
| 11)                         | B alpha-Chl...  | 5.119  | 6.240  | 565.2E6  | 10426.8E6 | 292.832  | 332.179  |
| 13)                         | MA Dieldrin     | 5.384f | 6.547  | 13863461 | 362.1E6   | 7.170    | 12.104 # |
| 14)                         | MA Endrin       | 5.657  | 6.790f | 17170183 | 2071644   | 9.325    | 0.083 #  |
| 15)                         | B Endosulfa...  | 5.923  | 6.988  | 172.9E6  | 85647503  | 100.713  | 3.437 #  |
| 16)                         | A 4,4'-DDD      | 5.769f | 6.906f | 1558974  | 355.4E6   | 1.020    | 14.859 # |
| 17)                         | MA 4,4'-DDT     | 6.019  | 7.169f | 476793   | 3876066   | 0.331    | 0.208 #  |
| 18)                         | B Endrin al...  | 6.110f | 7.091  | 4240480  | 124.5E6   | 2.958    | 6.050 #  |
| 19)                         | B Endosulfa...  | 6.298  | 7.325  | -1568159 | 54486301  | N.D.     | 2.477    |
| 20)                         | A Methoxychlor  | 0.000  | 7.647  | 0        | 24640837  | N.D.     | 2.463 #  |
| 21)                         | B Endrin ke...  | 6.756  | 7.827f | 1429513  | 46229849  | 0.786    | 2.256 #  |
| 23)                         | Chlordane-1     | 4.044  | 5.046  | 162.0E6  | 3016.0E6  | 2579.103 | 1965.982 |
| 24)                         | Chlordane-2     | 4.523  | 5.516  | 168.8E6  | 2686.9E6  | 2268.633 | 1918.538 |
| 25)                         | Chlordane-3     | 5.063  | 6.166  | 598.6E6  | 9262.0E6  | 2706.817 | 2098.887 |
| 26)                         | Chlordane-4     | 5.119  | 6.240  | 565.2E6  | 10426.8E6 | 2664.776 | 2050.435 |
| 27)                         | Chlordane-5     | 5.923  | 7.050  | 172.9E6  | 2172.4E6  | 2658.161 | 2354.582 |
| -----                       |                 |        |        |          |           |          |          |

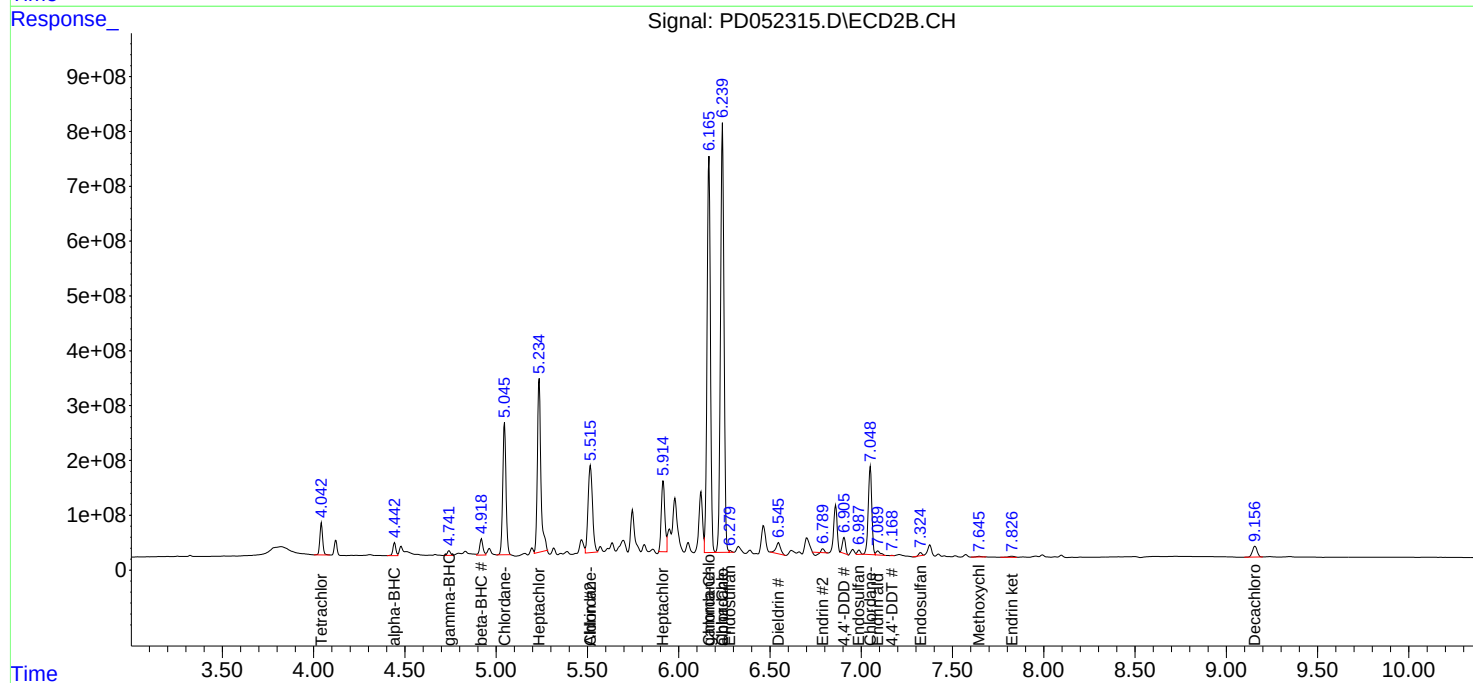
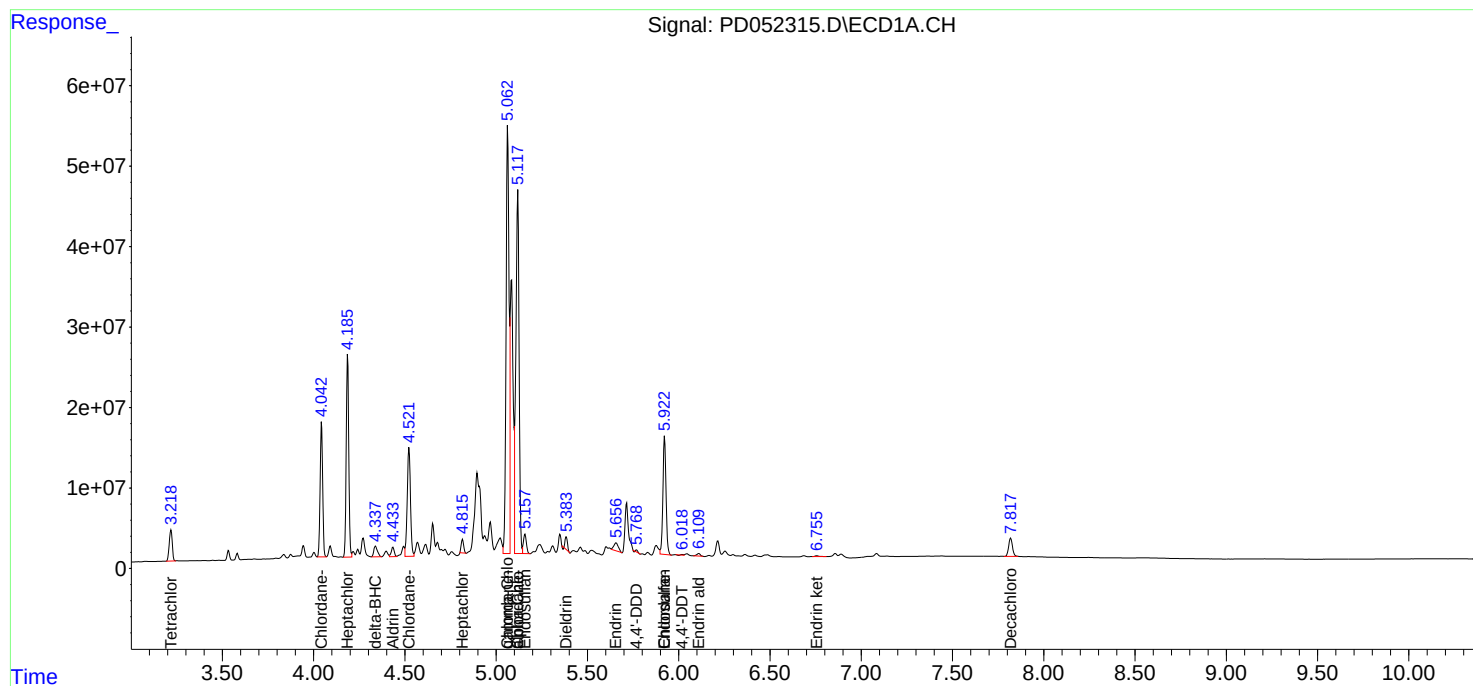
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

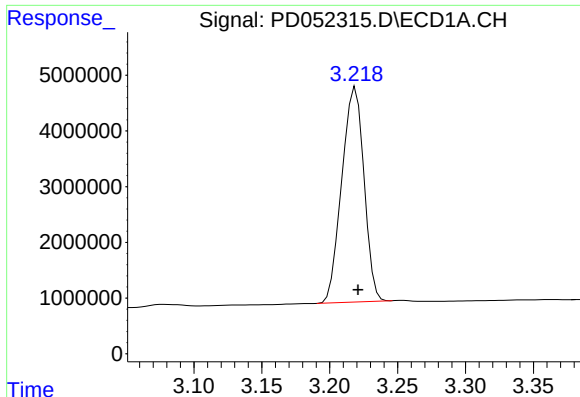
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032919\  
Data File : PD052315.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Mar 2019 17:34  
Operator : AJ\SJ  
Sample : K1825-11  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 04:57:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 29 13:06:45 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

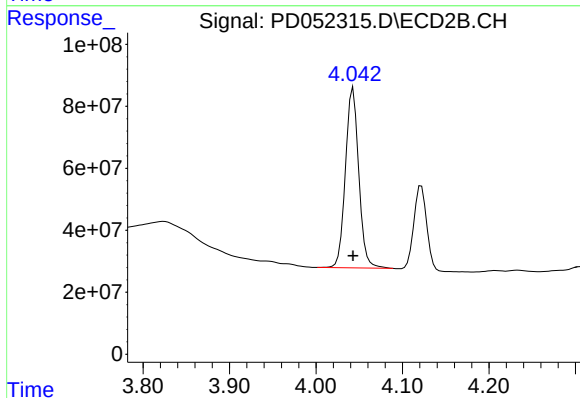




#1 Tetrachloro-m-xylene

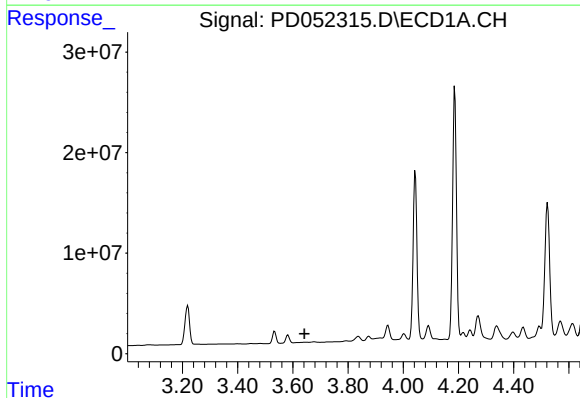
R.T.: 3.219 min  
Delta R.T.: -0.002 min  
Response: 44012021  
Conc: 31.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



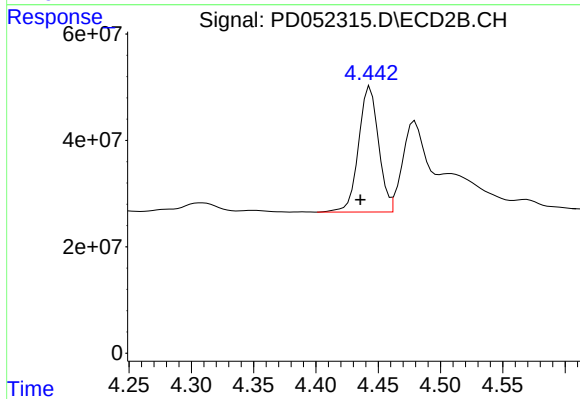
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 618575314  
Conc: 21.34 ng/ml



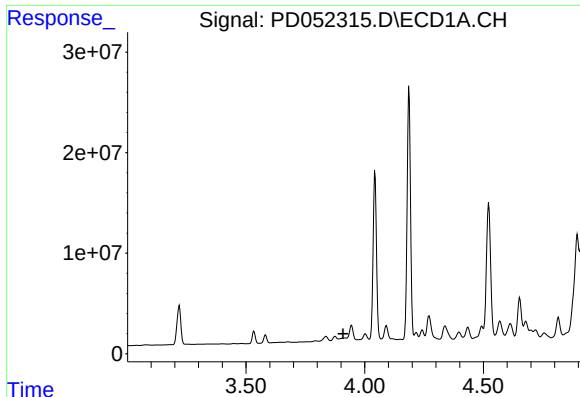
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.642 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

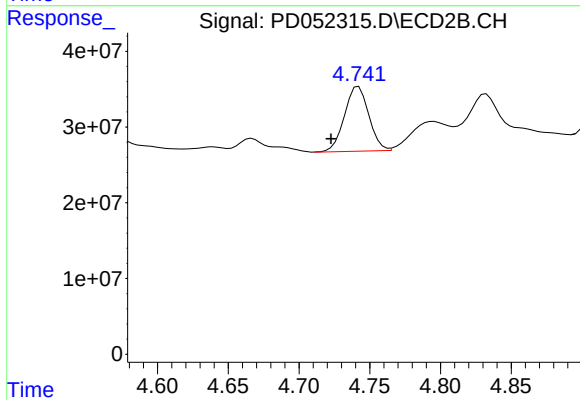
R.T.: 4.444 min  
Delta R.T.: 0.008 min  
Response: 263919952  
Conc: 5.86 ng/ml



#3 gamma-BHC (Lindane)

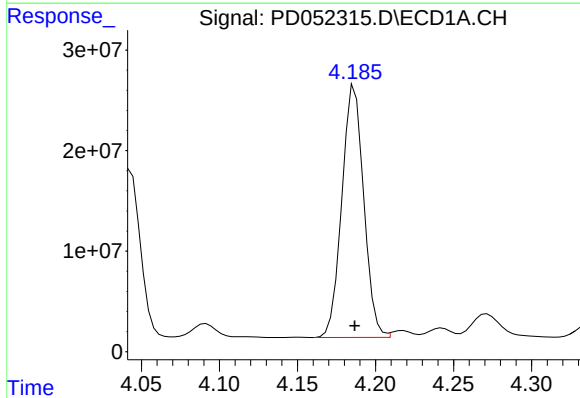
R.T.: 3.918 min  
Delta R.T.: 0.008 min  
Response: -1634322  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



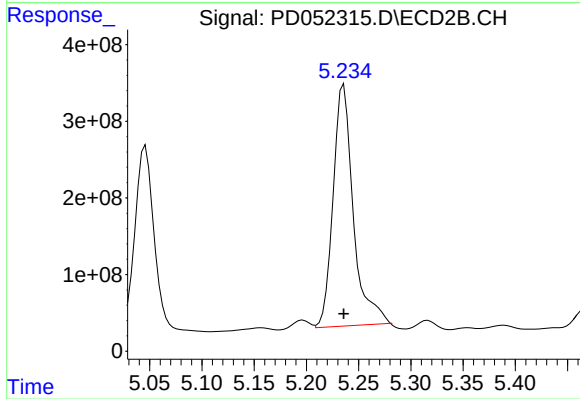
#3 gamma-BHC (Lindane)

R.T.: 4.742 min  
Delta R.T.: 0.020 min  
Response: 102398419  
Conc: 2.55 ng/ml



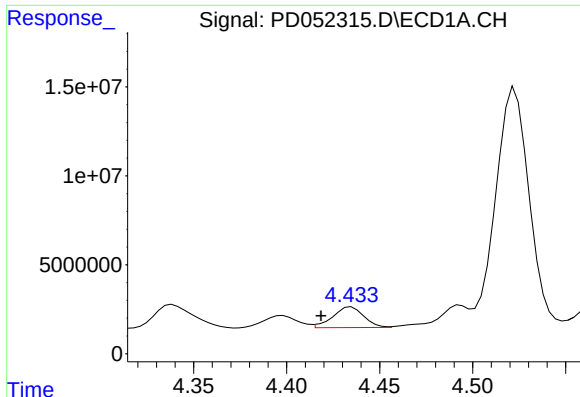
#4 Heptachlor

R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 244826430  
Conc: 115.31 ng/ml



#4 Heptachlor

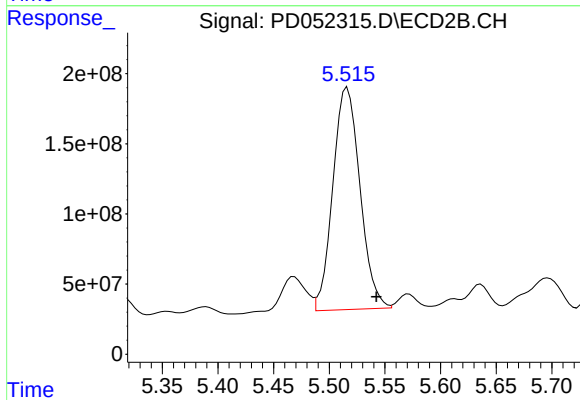
R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 4244164953  
Conc: 106.97 ng/ml



#5 Aldrin

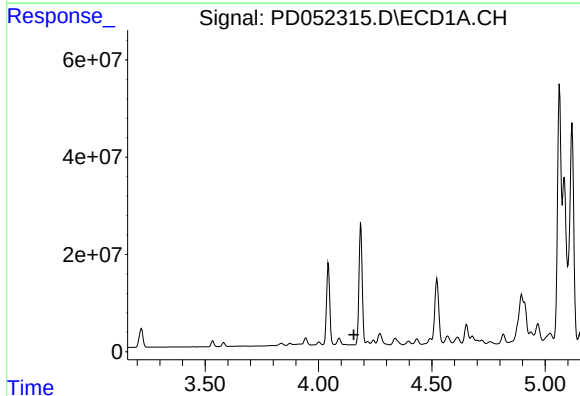
R.T.: 4.435 min  
Delta R.T.: 0.016 min  
Response: 13448648  
Conc: 6.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



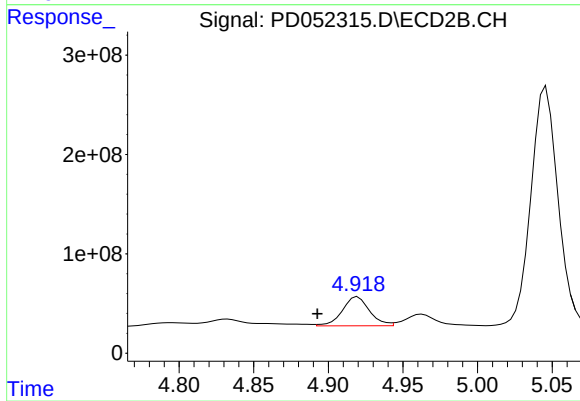
#5 Aldrin

R.T.: 5.516 min  
Delta R.T.: -0.026 min  
Response: 2686854271  
Conc: 72.56 ng/ml



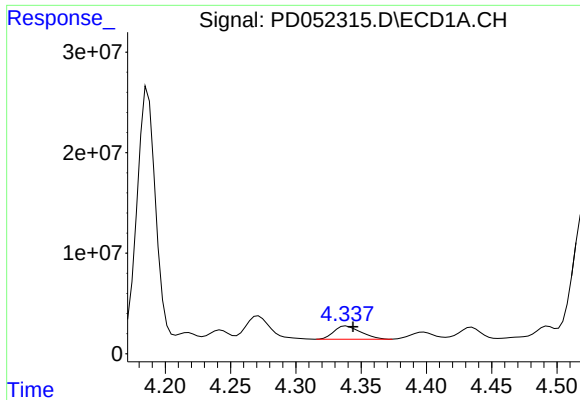
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.156 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

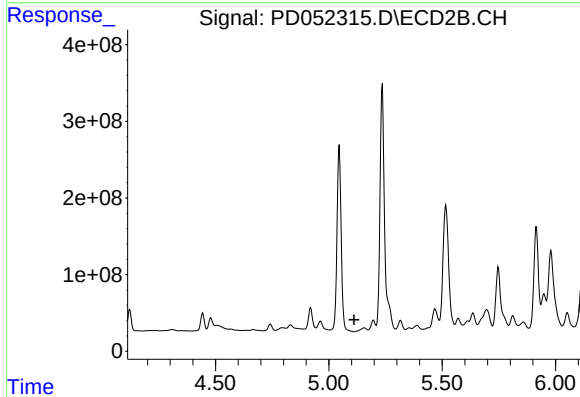
R.T.: 4.920 min  
Delta R.T.: 0.027 min  
Response: 372374627  
Conc: 20.58 ng/ml



#7 delta-BHC

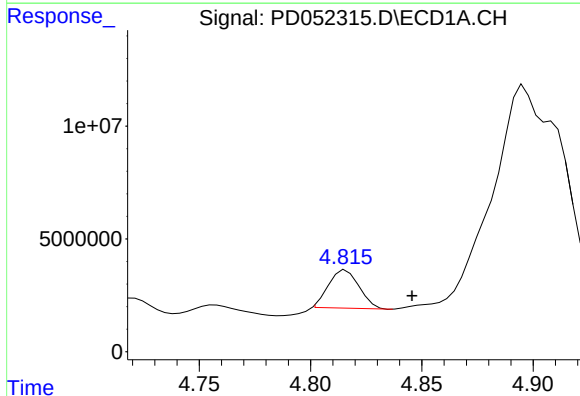
R.T.: 4.339 min  
Delta R.T.: -0.005 min  
Response: 18877745  
Conc: 9.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



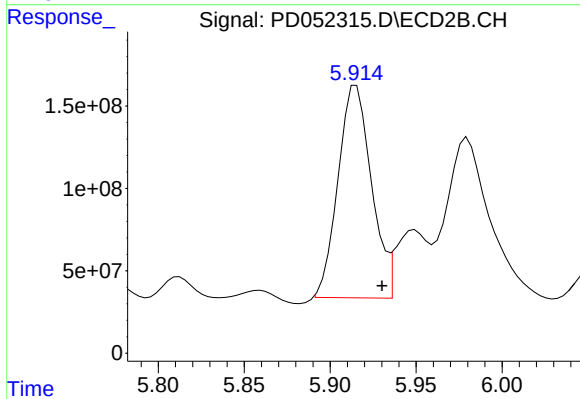
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.112 min  
Response: 0  
Conc: N.D.



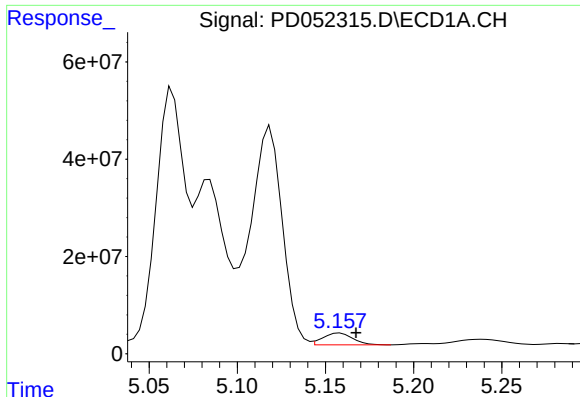
#8 Heptachlor epoxide

R.T.: 4.816 min  
Delta R.T.: -0.030 min  
Response: 16076848  
Conc: 8.46 ng/ml



#8 Heptachlor epoxide

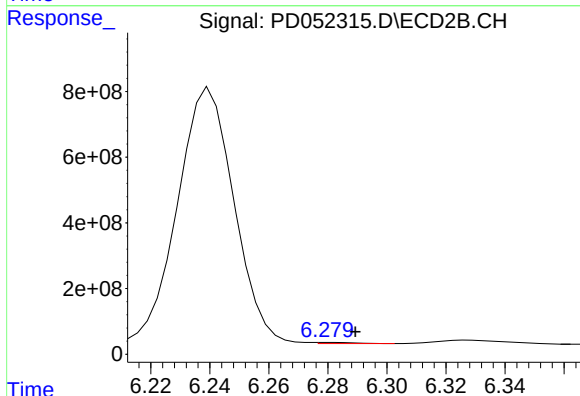
R.T.: 5.915 min  
Delta R.T.: -0.015 min  
Response: 1739418170  
Conc: 53.89 ng/ml



#9 Endosulfan I

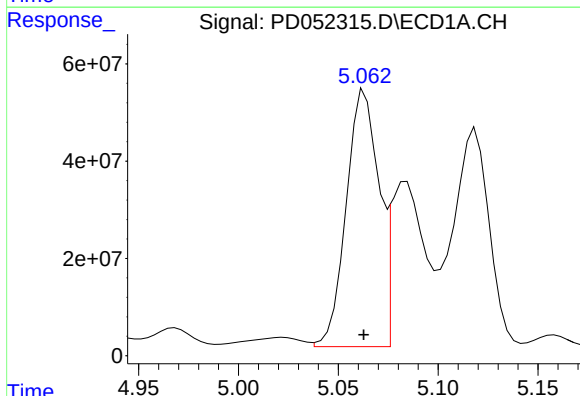
R.T.: 5.158 min  
Delta R.T.: -0.009 min  
Response: 28248150  
Conc: 15.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



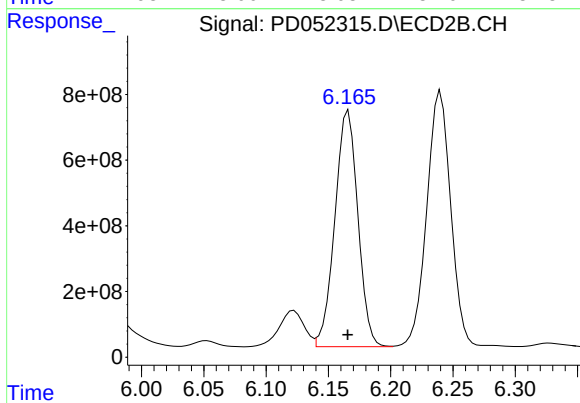
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: -0.009 min  
Response: 30227610  
Conc: 1.03 ng/ml



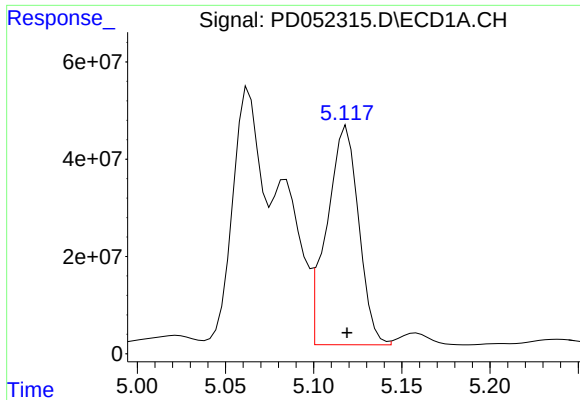
#10 gamma-Chlordane

R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 598578055  
Conc: 306.98 ng/ml



#10 gamma-Chlordane

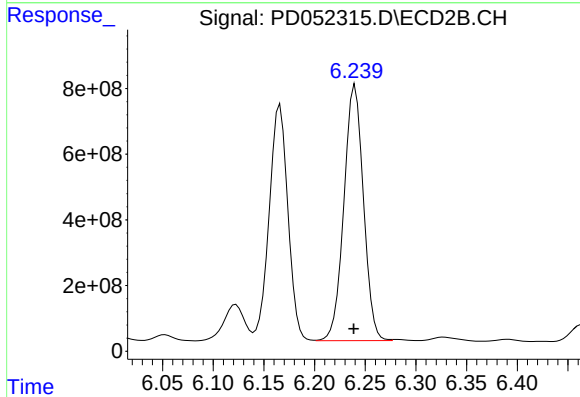
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 9261957636  
Conc: 289.49 ng/ml



#11 alpha-Chlordane

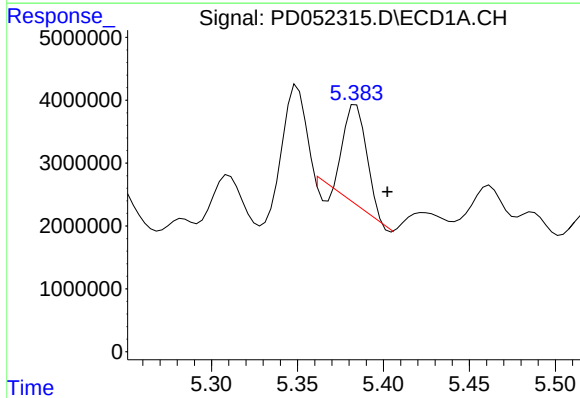
R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 565179843  
Conc: 292.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



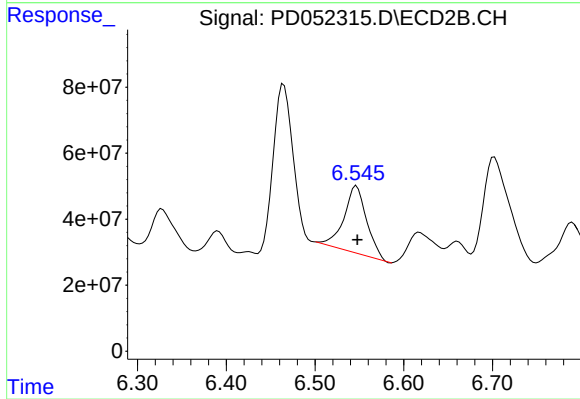
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.001 min  
Response: 10426753882  
Conc: 332.18 ng/ml



#13 Dieldrin

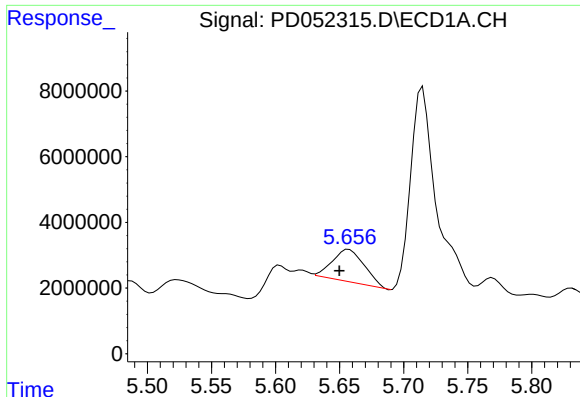
R.T.: 5.384 min  
Delta R.T.: -0.018 min  
Response: 13863461  
Conc: 7.17 ng/ml



#13 Dieldrin

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 362061493  
Conc: 12.10 ng/ml

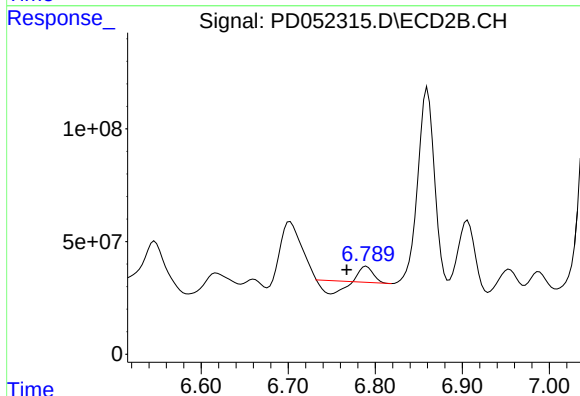




#14 Endrin

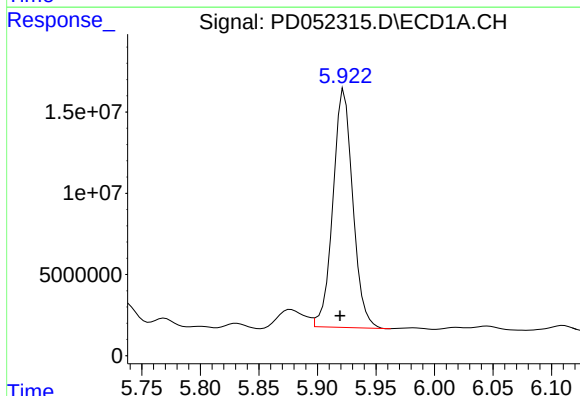
R.T.: 5.657 min  
Delta R.T.: 0.007 min  
Response: 17170183  
Conc: 9.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



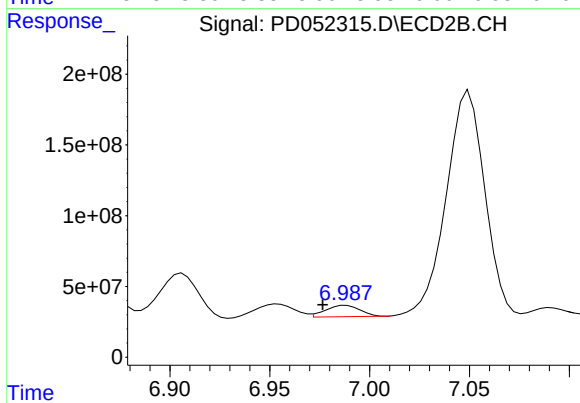
#14 Endrin

R.T.: 6.790 min  
Delta R.T.: 0.023 min  
Response: 2071644  
Conc: 0.08 ng/ml



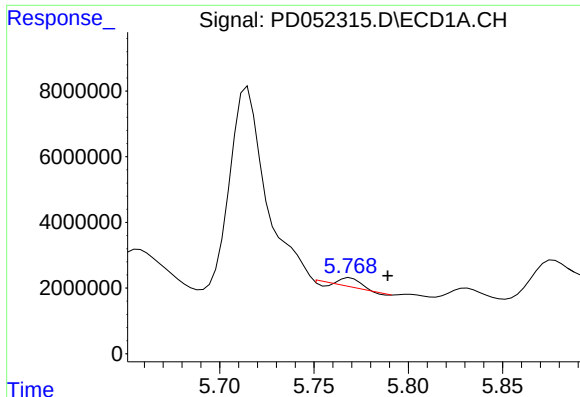
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.004 min  
Response: 172868326  
Conc: 100.71 ng/ml



#15 Endosulfan II

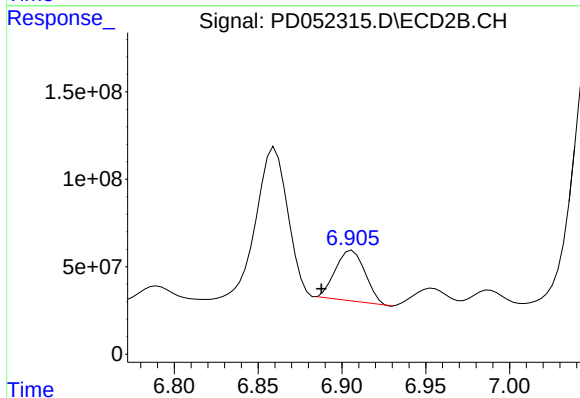
R.T.: 6.988 min  
Delta R.T.: 0.012 min  
Response: 85647503  
Conc: 3.44 ng/ml



#16 4,4'-DDD

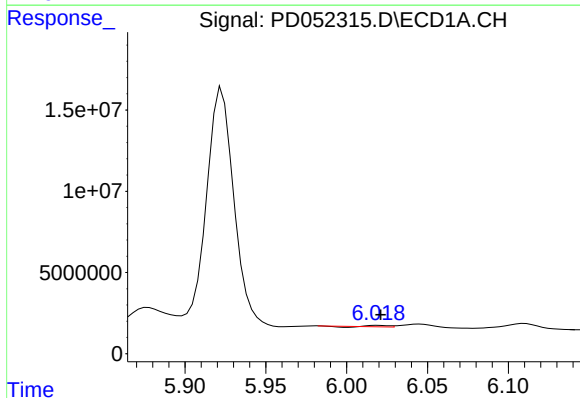
R.T.: 5.769 min  
Delta R.T.: -0.020 min  
Response: 1558974  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



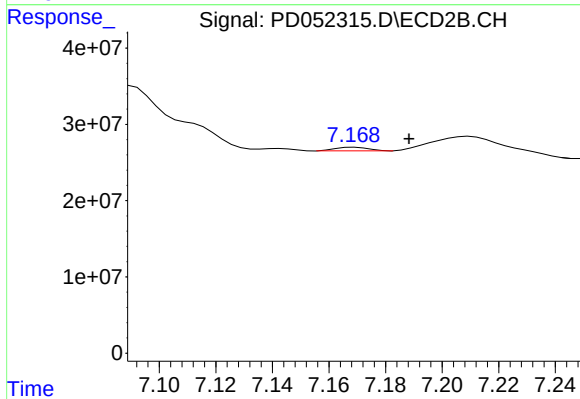
#16 4,4'-DDD

R.T.: 6.906 min  
Delta R.T.: 0.019 min  
Response: 355372219  
Conc: 14.86 ng/ml



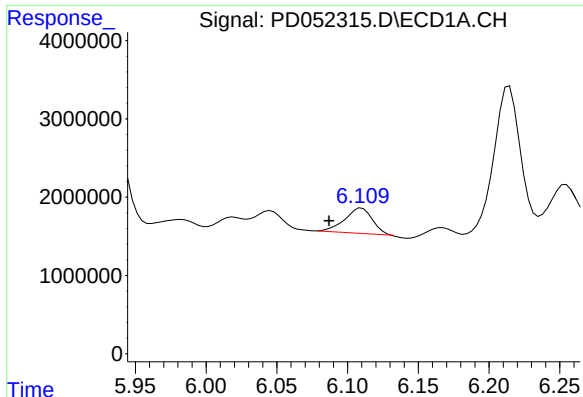
#17 4,4'-DDT

R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 476793  
Conc: 0.33 ng/ml



#17 4,4'-DDT

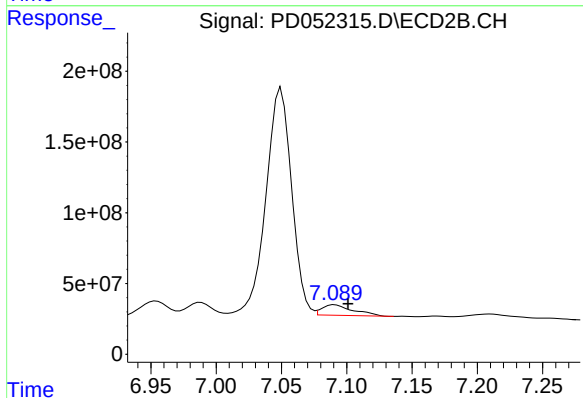
R.T.: 7.169 min  
Delta R.T.: -0.019 min  
Response: 3876066  
Conc: 0.21 ng/ml



#18 Endrin aldehyde

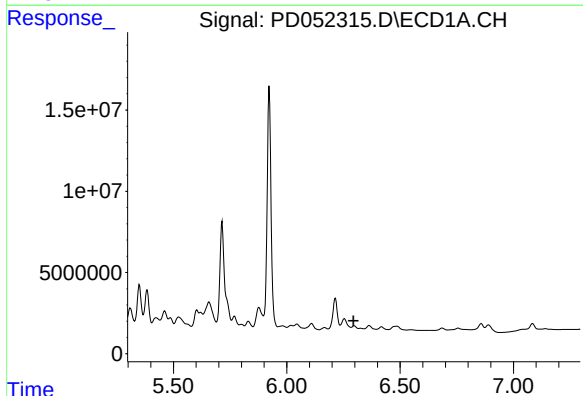
R.T.: 6.110 min  
Delta R.T.: 0.023 min  
Response: 4240480  
Conc: 2.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



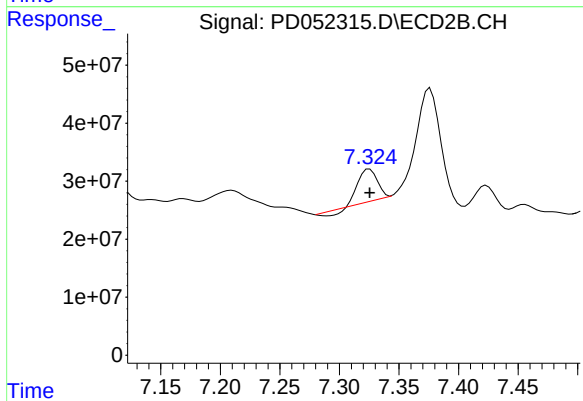
#18 Endrin aldehyde

R.T.: 7.091 min  
Delta R.T.: -0.010 min  
Response: 124542857  
Conc: 6.05 ng/ml



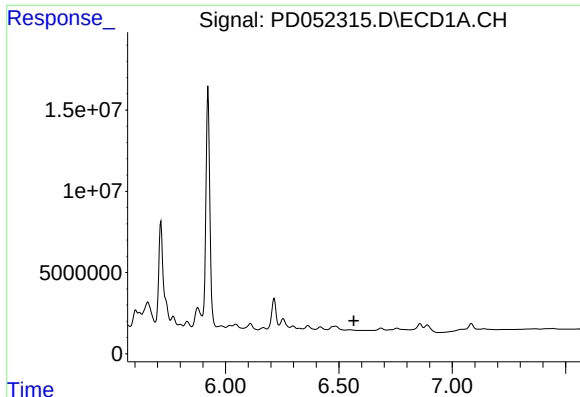
#19 Endosulfan Sulfate

R.T.: 6.298 min  
Delta R.T.: 0.003 min  
Response: -1568159  
Conc: N.D.



#19 Endosulfan Sulfate

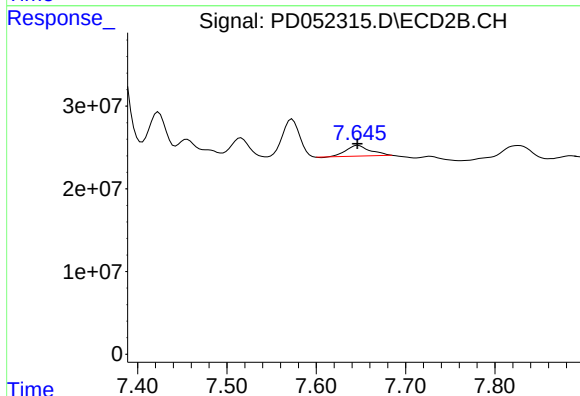
R.T.: 7.325 min  
Delta R.T.: 0.000 min  
Response: 54486301  
Conc: 2.48 ng/ml



#20 Methoxychlor

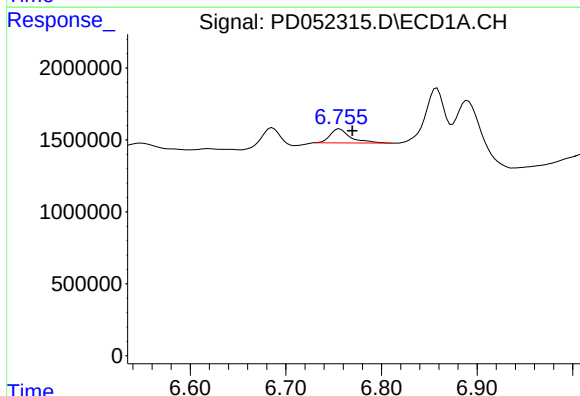
R.T.: 0.000 min  
Exp R.T.: 6.566 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



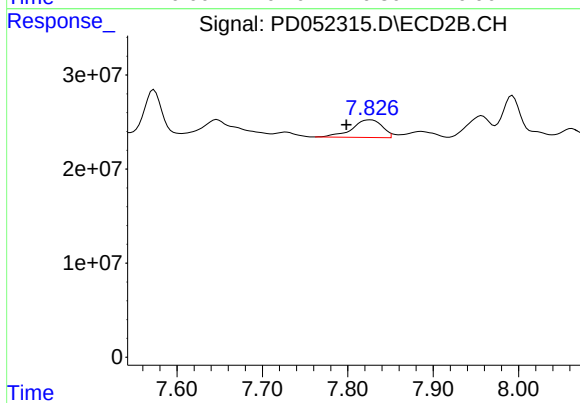
#20 Methoxychlor

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 24640837  
Conc: 2.46 ng/ml



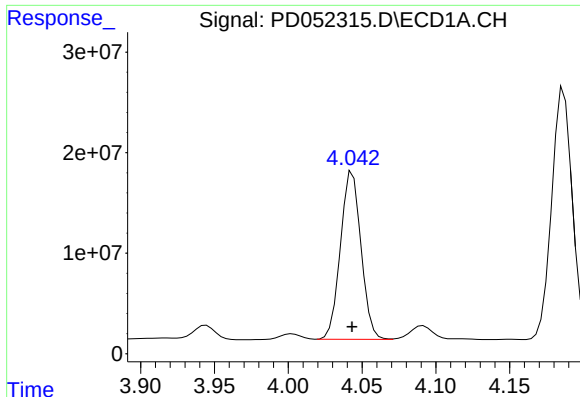
#21 Endrin ketone

R.T.: 6.756 min  
Delta R.T.: -0.013 min  
Response: 1429513  
Conc: 0.79 ng/ml



#21 Endrin ketone

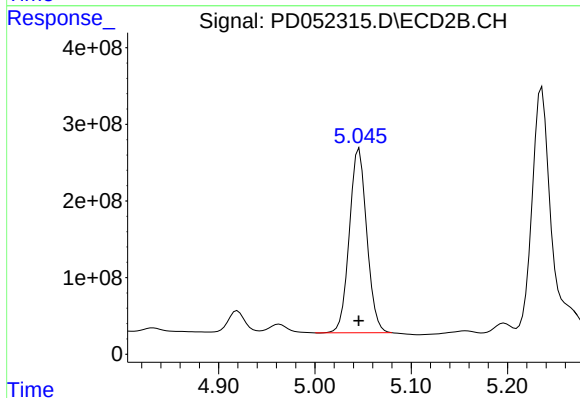
R.T.: 7.827 min  
Delta R.T.: 0.028 min  
Response: 46229849  
Conc: 2.26 ng/ml



#23 Chlordane-1

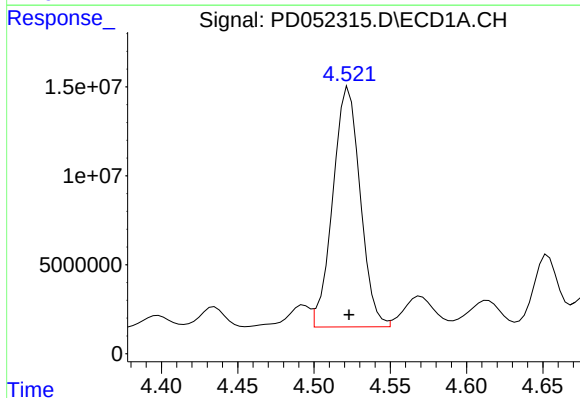
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 161952051  
Conc: 2579.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



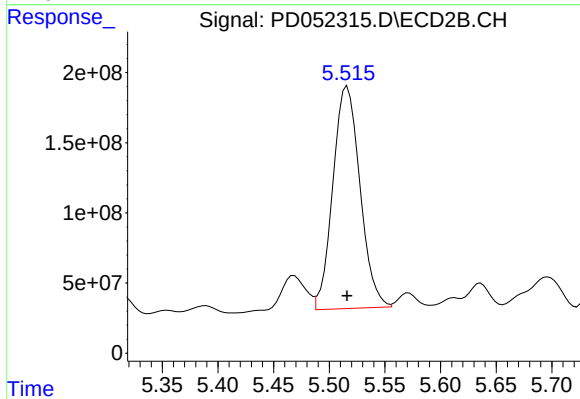
#23 Chlordane-1

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 3016010410  
Conc: 1965.98 ng/ml



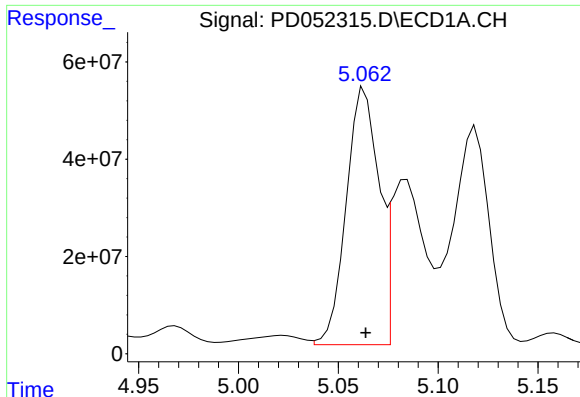
#24 Chlordane-2

R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 168823011  
Conc: 2268.63 ng/ml



#24 Chlordane-2

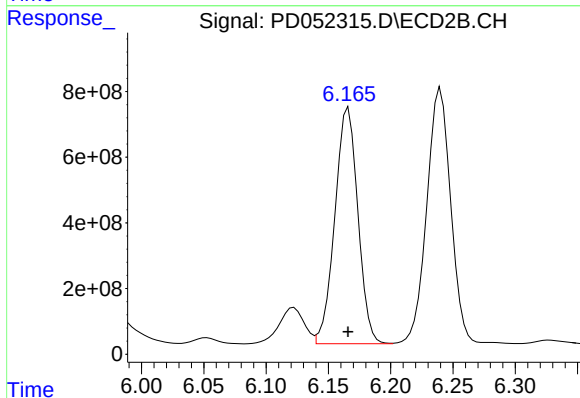
R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 2686854271  
Conc: 1918.54 ng/ml



#25 Chlordane-3

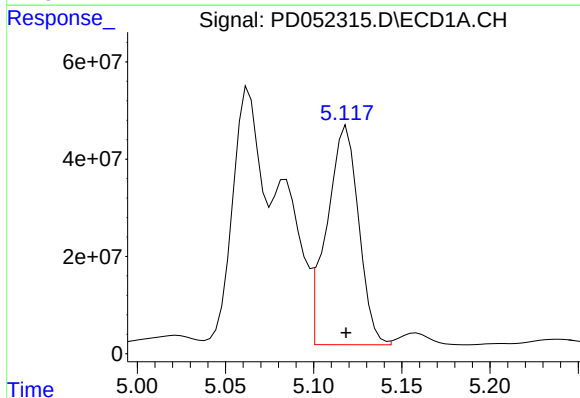
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 598578055  
Conc: 2706.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



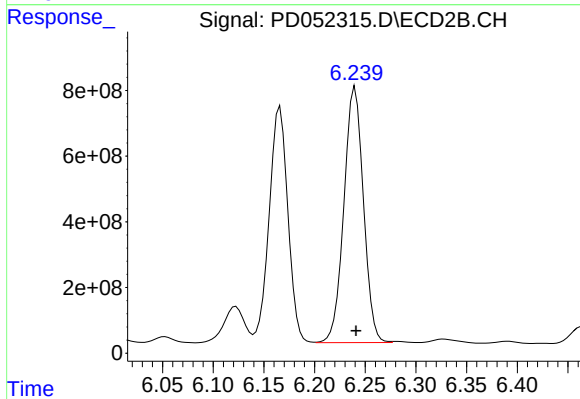
#25 Chlordane-3

R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 9261957636  
Conc: 2098.89 ng/ml



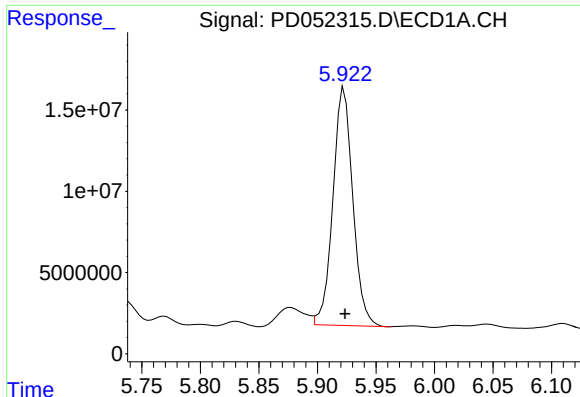
#26 Chlordane-4

R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 565179843  
Conc: 2664.78 ng/ml



#26 Chlordane-4

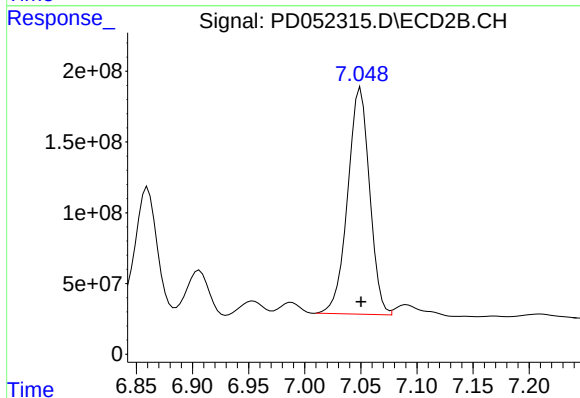
R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 10426753882  
Conc: 2050.44 ng/ml



#27 Chlordane-5

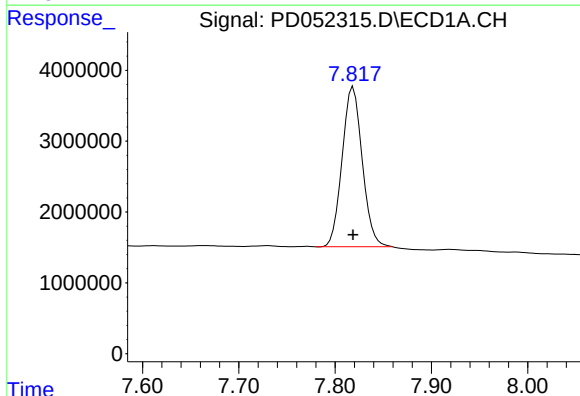
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 172868326  
Conc: 2658.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-CHLR-WP



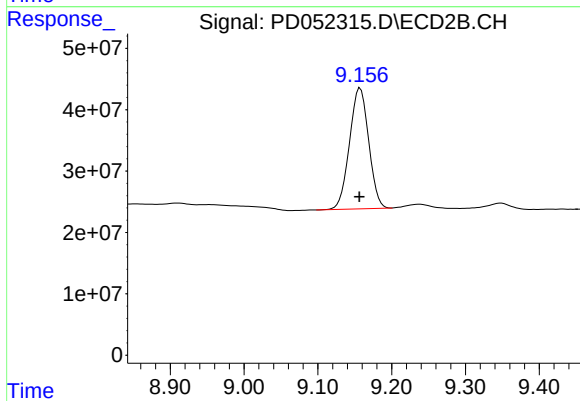
#27 Chlordane-5

R.T.: 7.050 min  
Delta R.T.: 0.000 min  
Response: 2172359402  
Conc: 2354.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.819 min  
Delta R.T.: 0.000 min  
Response: 32640761  
Conc: 24.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: 0.000 min  
Response: 355255490  
Conc: 22.84 ng/ml