

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050621\  
 Data File : PD062745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2021 21:57  
 Operator : AR\AJ  
 Sample : M2214-19DL 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PT-PEST-SOILDL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 08:53:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 2021  
 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... | 3.442 | 3.971  | 3588505  | 52282512 | 4.036    | 4.516      |
| 28)                         | SA Decachlor... | 8.202 | 9.031  | 4364911  | 52585352 | 4.123    | 4.557      |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.878 | 4.360  | 134.2E6  | 1718.2E6 | 96.501   | 89.246     |
| 3)                          | MA gamma-BHC... | 4.162 | 4.644  | 171.2E6  | 2100.5E6 | 130.994  | 121.529    |
| 4)                          | MA Heptachlor   | 4.463 | 5.153  | 130.4E6  | 1696.5E6 | 102.697  | 96.657     |
| 5)                          | MB Aldrin       | 4.712 | 5.457  | 227.8E6  | 2826.2E6 | 189.190  | 168.984    |
| 6)                          | B beta-BHC      | 4.412 | 4.815  | 71730938 | 894.5E6  | 119.728  | 117.293    |
| 7)                          | B delta-BHC     | 4.617 | 5.032  | 86897011 | 1017.6E6 | 64.447   | 56.372     |
| 8)                          | B Heptachlo...  | 5.154 | 5.843  | 143.9E6  | 1782.0E6 | 124.406  | 111.552    |
| 9)                          | A Endosulfan I  | 5.494 | 6.200  | 108.8E6  | 1380.0E6 | 99.362   | 93.493     |
| 10)                         | B gamma-Chl...  | 5.382 | 6.077  | 106.0E6  | 1359.6E6 | 90.037   | 85.447     |
| 11)                         | B alpha-Chl...  | 5.440 | 6.150  | 58004769 | 760.7E6  | 50.083   | 49.830     |
| 12)                         | B 4,4'-DDE      | 5.604 | 6.307  | 182.6E6  | 2243.8E6 | 158.758  | 141.669    |
| 13)                         | MA Dieldrin     | 5.737 | 6.457  | 43847882 | 602.3E6  | 36.512   | 37.277     |
| 14)                         | MA Endrin       | 5.994 | 6.674  | 50592622 | 611.1E6  | 45.522   | 43.465     |
| 15)                         | B Endosulfa...  | 6.268 | 6.883  | 144.6E6  | 1652.3E6 | 138.765  | 123.688    |
| 16)                         | A 4,4'-DDD      | 6.121 | 6.797  | 207.6E6  | 2420.8E6 | 217.963  | 187.348    |
| 17)                         | MA 4,4'-DDT     | 6.362 | 7.095  | 83416351 | 1163.4E6 | 86.886   | 91.328     |
| 18)                         | B Endrin al...  | 6.437 | 7.008  | 38637569 | 474.7E6  | 41.417   | 40.683     |
| 19)                         | B Endosulfa...  | 6.650 | 7.231  | 119.5E6  | 1490.3E6 | 114.171  | 107.153    |
| 20)                         | A Methoxychlor  | 6.908 | 7.555  | 16852985 | 184.4E6  | 28.628   | 27.630     |
| 21)                         | B Endrin ke...  | 7.143 | 7.701  | 89963878 | 948.8E6  | 72.164   | 69.918     |
| 22)                         | Mirex           | 0.000 | 8.169  | 0        | 4738734  | N.D.     | 0.517 #    |
| 24)                         | Chlordane-2     | 0.000 | 5.457f | 0        | 2826.2E6 | N.D.     | 5293.758 # |
| 25)                         | Chlordane-3     | 5.382 | 6.077  | 106.0E6  | 1359.6E6 | 894.345  | 608.328 #  |
| 26)                         | Chlordane-4     | 5.440 | 6.150  | 58004769 | 760.7E6  | 598.142  | 294.934 #  |
| 27)                         | Chlordane-5     | 6.268 | 0.000  | 144.6E6  | 0        | 3316.177 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

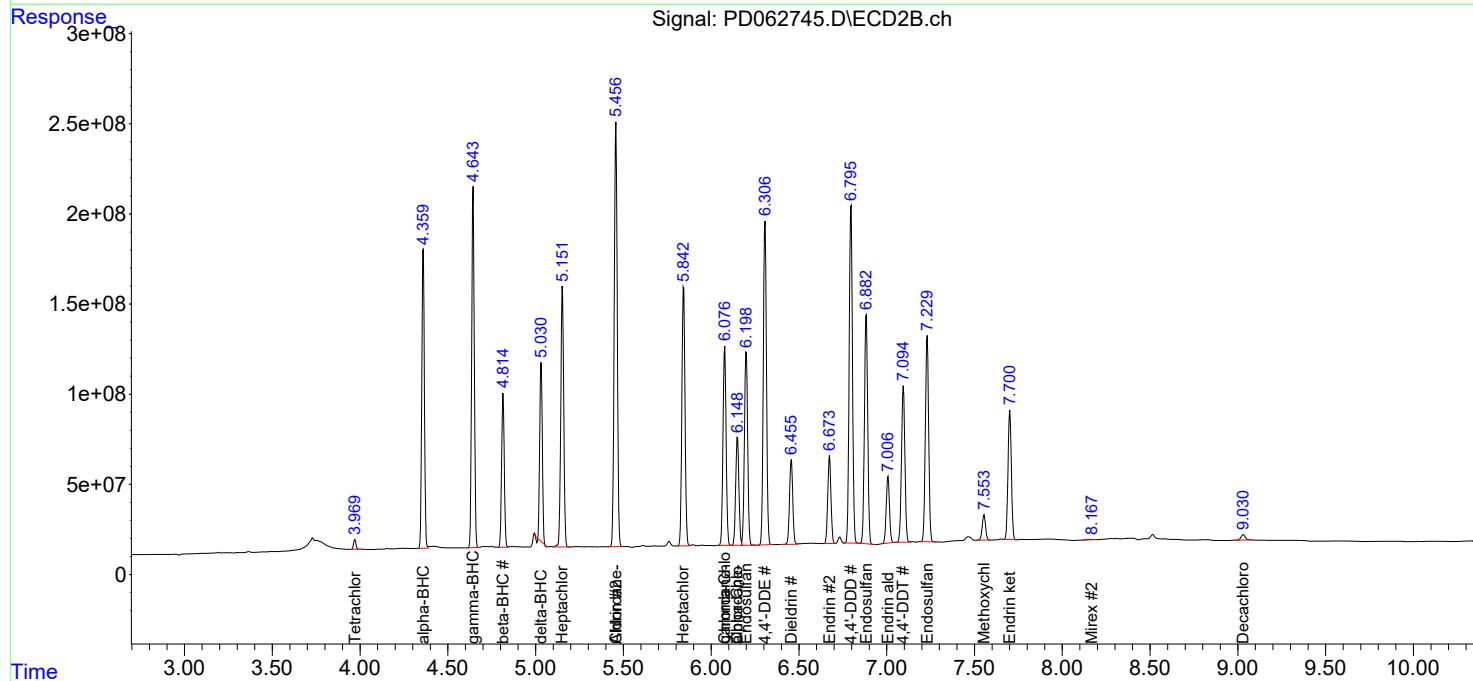
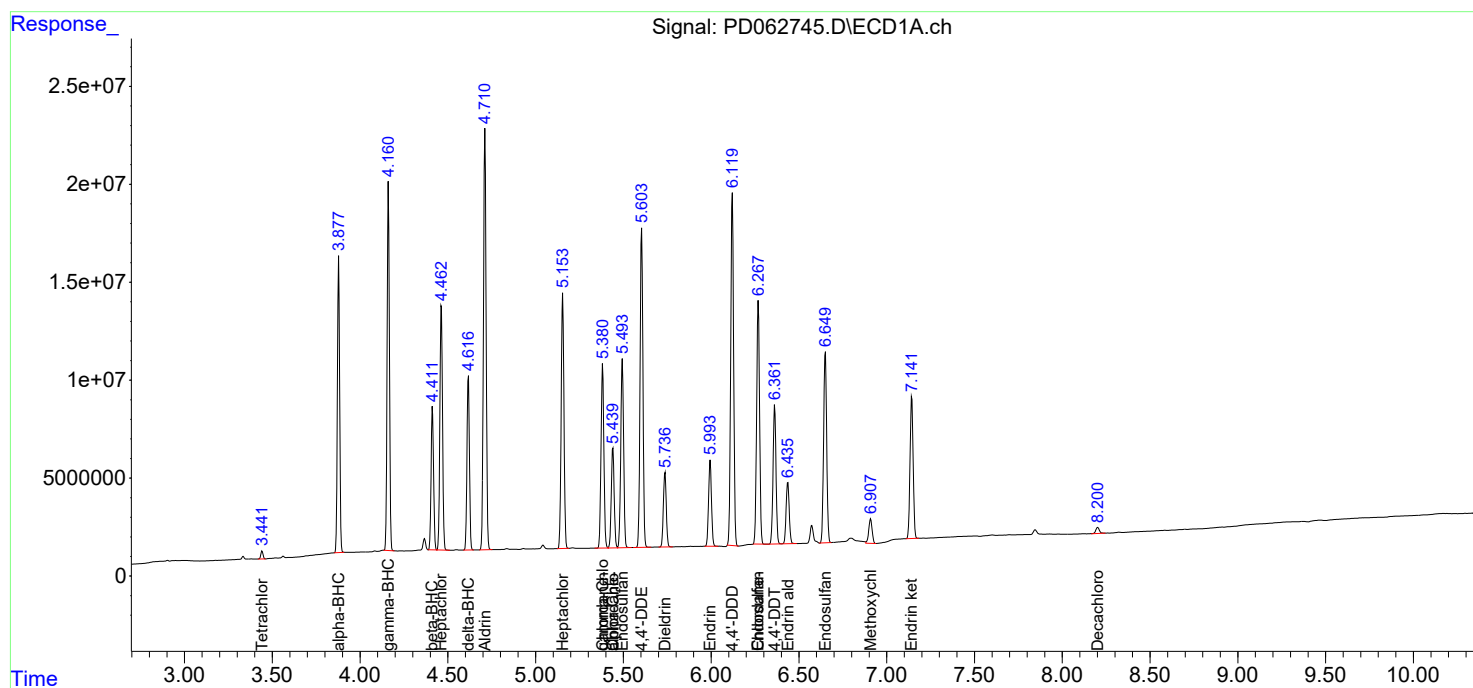
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

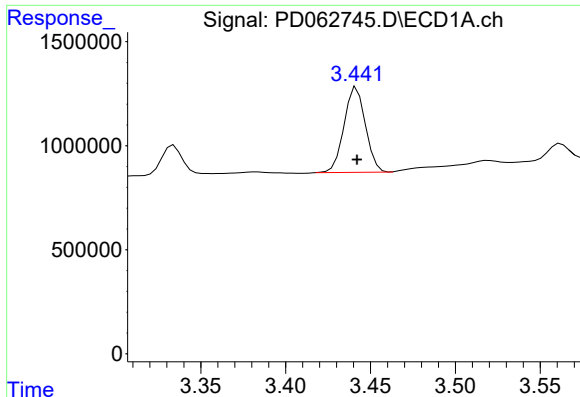
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050621\  
 Data File : PD062745.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2021 21:57  
 Operator : AR\AJ  
 Sample : M2214-19DL 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PT-PEST-SOILDL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 08:53:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 2021  
 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

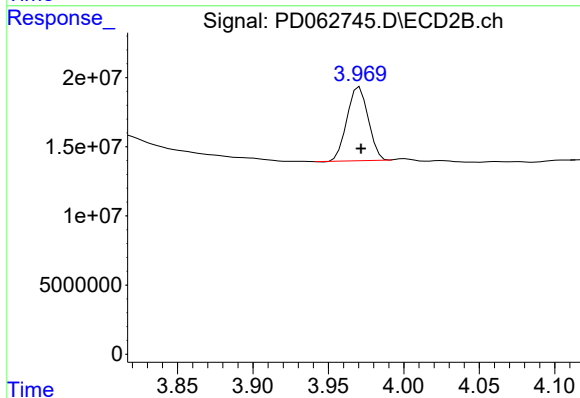




#1 Tetrachloro-m-xylene

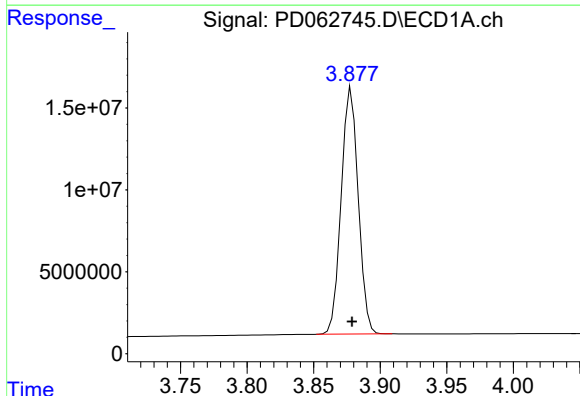
R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 3588505  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILD\_L



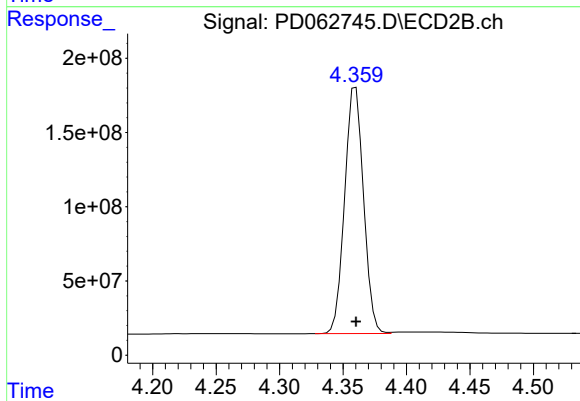
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: -0.001 min  
Response: 52282512  
Conc: 4.52 ng/ml



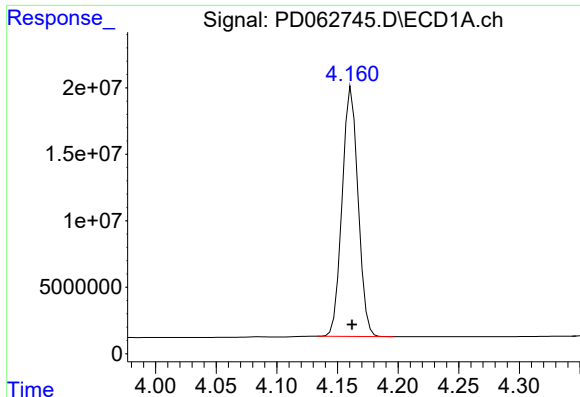
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 134195373  
Conc: 96.50 ng/ml



#2 alpha-BHC

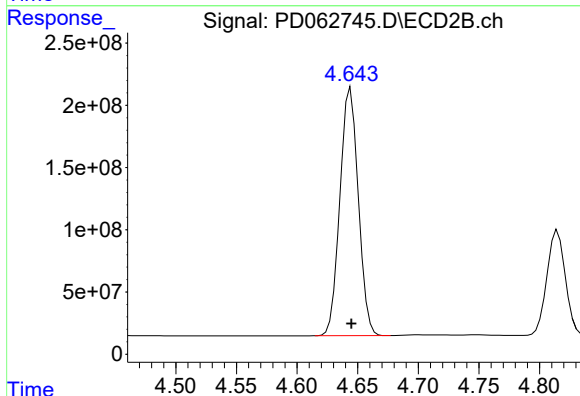
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 1718167851  
Conc: 89.25 ng/ml



#3 gamma-BHC (Lindane)

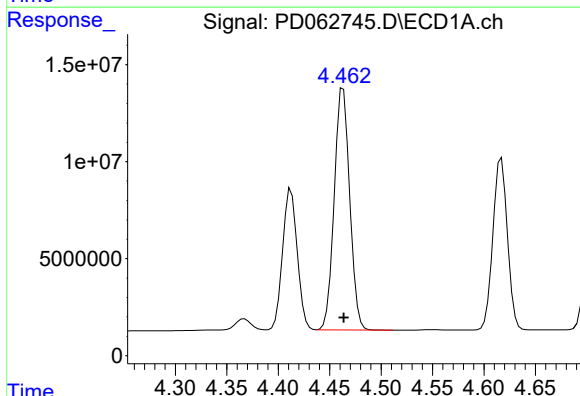
R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 171172916  
Conc: 130.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



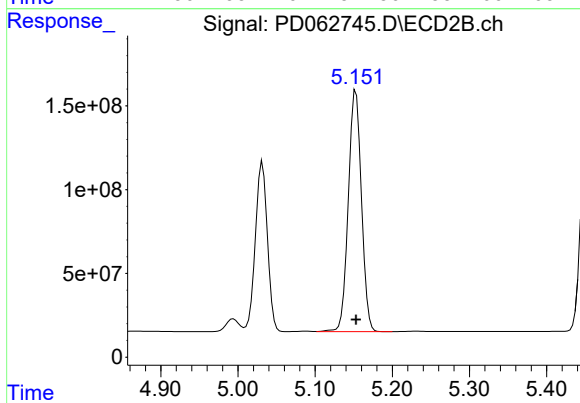
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 2100538079  
Conc: 121.53 ng/ml



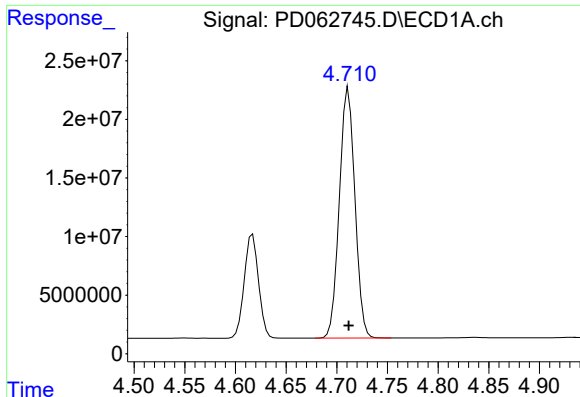
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 130378766  
Conc: 102.70 ng/ml



#4 Heptachlor

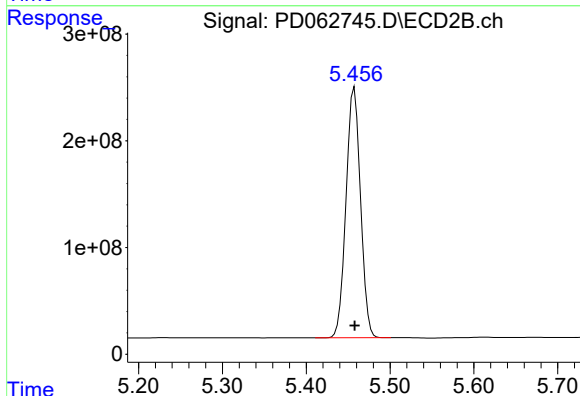
R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 1696527845  
Conc: 96.66 ng/ml



#5 Aldrin

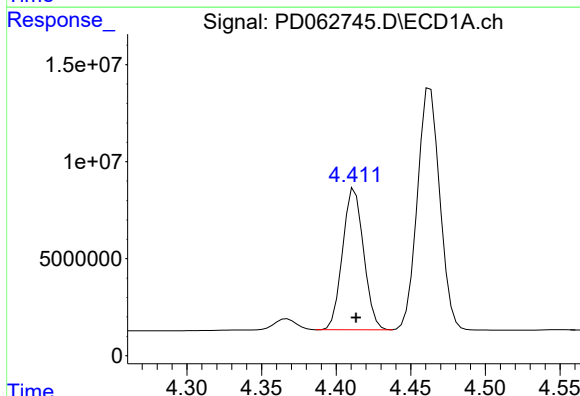
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 227783717  
Conc: 189.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



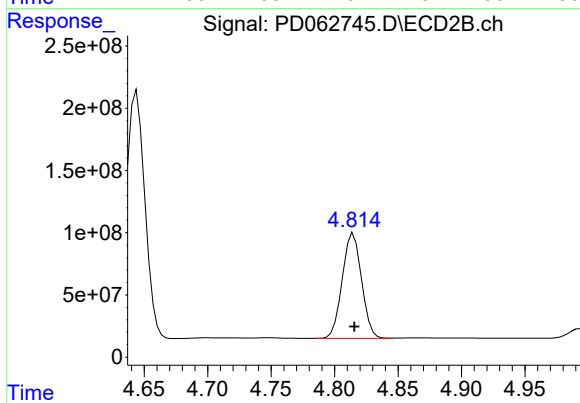
#5 Aldrin

R.T.: 5.457 min  
Delta R.T.: 0.000 min  
Response: 2826175185  
Conc: 168.98 ng/ml



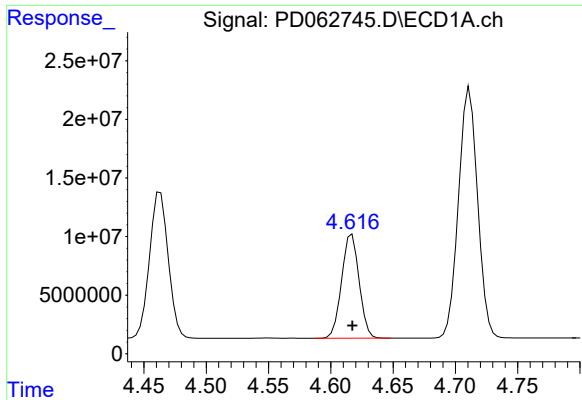
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 71730938  
Conc: 119.73 ng/ml



#6 beta-BHC

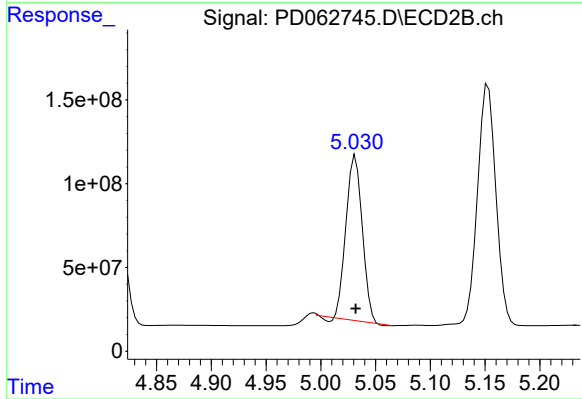
R.T.: 4.815 min  
Delta R.T.: 0.000 min  
Response: 894504352  
Conc: 117.29 ng/ml



#7 delta-BHC

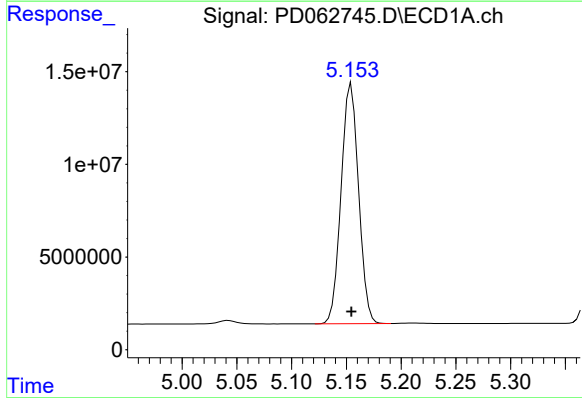
R.T.: 4.617 min  
Delta R.T.: 0.000 min  
Response: 86897011  
Conc: 64.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



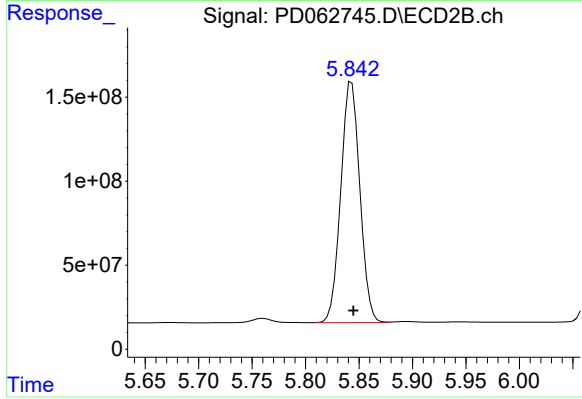
#7 delta-BHC

R.T.: 5.032 min  
Delta R.T.: 0.000 min  
Response: 1017577494  
Conc: 56.37 ng/ml



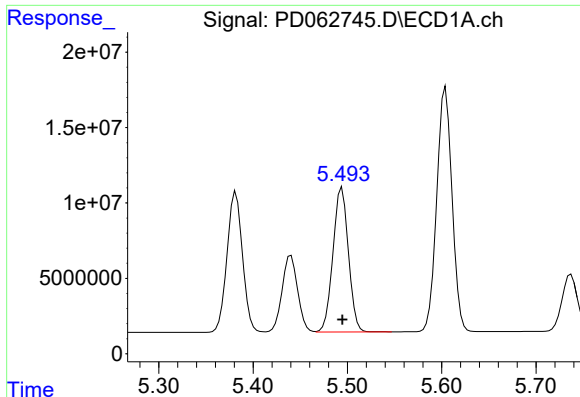
#8 Heptachlor epoxide

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 143947744  
Conc: 124.41 ng/ml



#8 Heptachlor epoxide

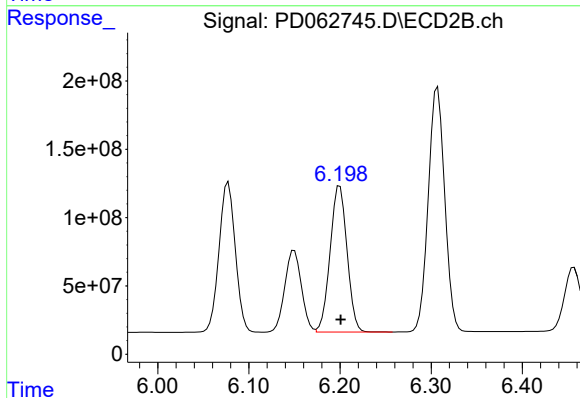
R.T.: 5.843 min  
Delta R.T.: -0.002 min  
Response: 1781969546  
Conc: 111.55 ng/ml



#9 Endosulfan I

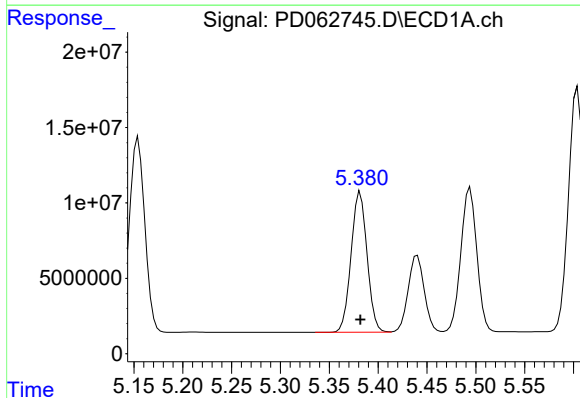
R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 108849151  
Conc: 99.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



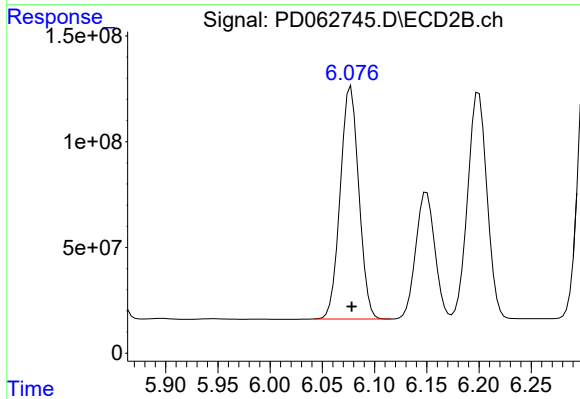
#9 Endosulfan I

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 1379980185  
Conc: 93.49 ng/ml



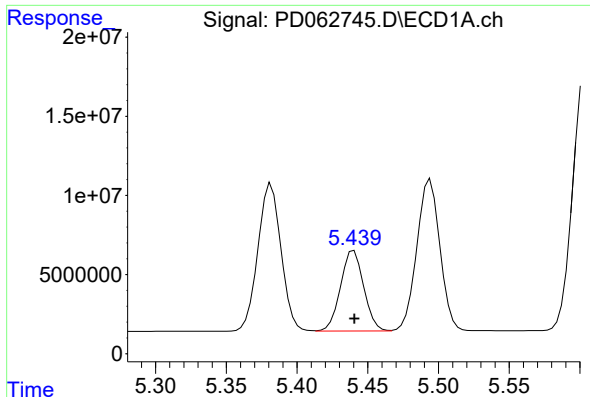
#10 gamma-Chlordane

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 105975638  
Conc: 90.04 ng/ml



#10 gamma-Chlordane

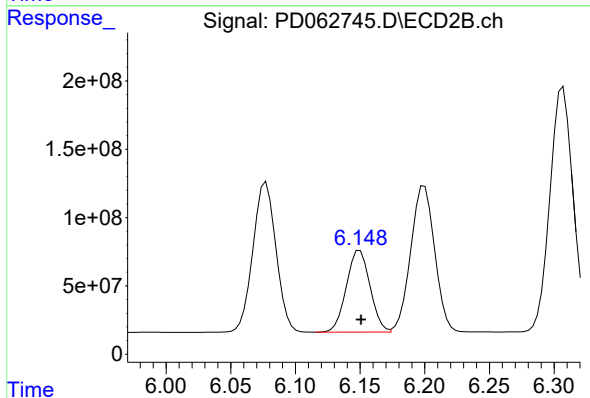
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 1359559179  
Conc: 85.45 ng/ml



#11 alpha-Chlordane

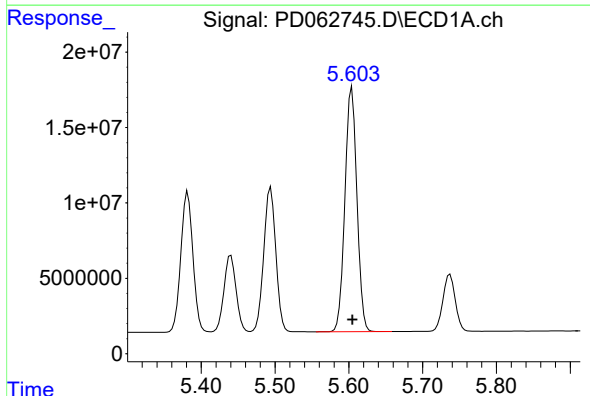
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 58004769  
Conc: 50.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



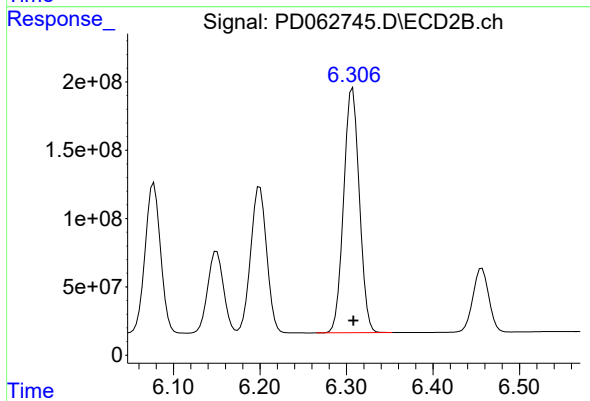
#11 alpha-Chlordane

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 760721132  
Conc: 49.83 ng/ml



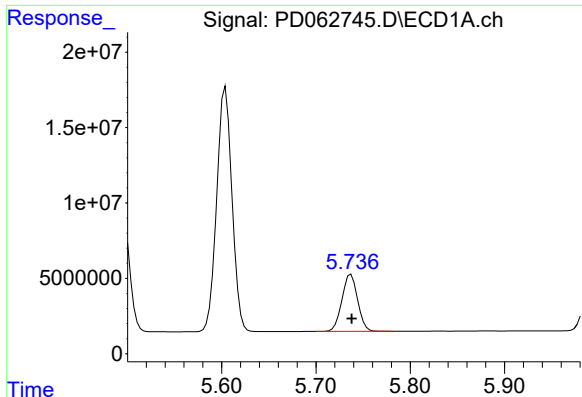
#12 4,4'-DDE

R.T.: 5.604 min  
Delta R.T.: 0.000 min  
Response: 182557611  
Conc: 158.76 ng/ml



#12 4,4'-DDE

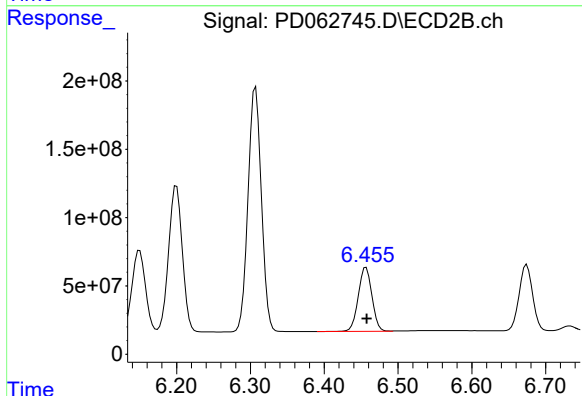
R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 2243770840  
Conc: 141.67 ng/ml



#13 Dieldrin

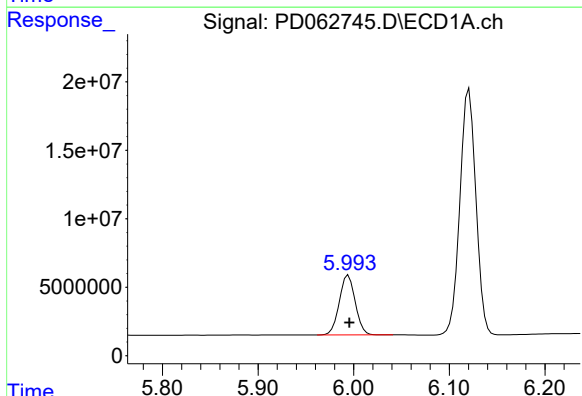
R.T.: 5.737 min  
Delta R.T.: 0.000 min  
Response: 43847882  
Conc: 36.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



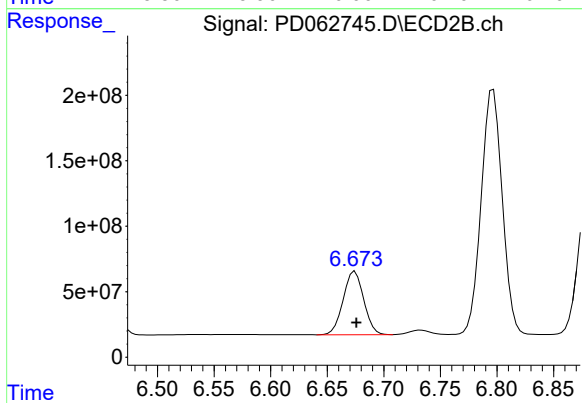
#13 Dieldrin

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 602306045  
Conc: 37.28 ng/ml



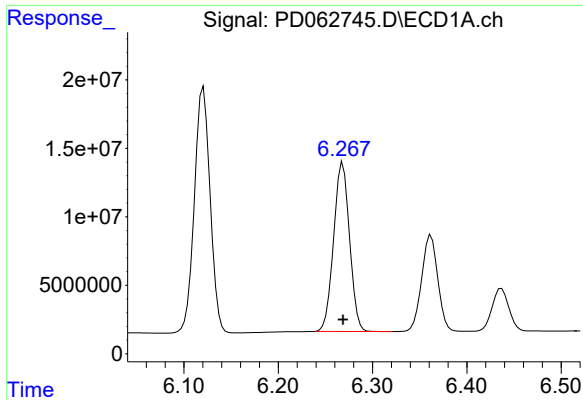
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 50592622  
Conc: 45.52 ng/ml



#14 Endrin

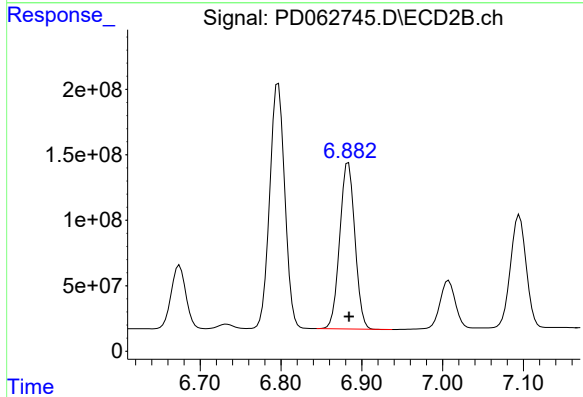
R.T.: 6.674 min  
Delta R.T.: -0.001 min  
Response: 611097408  
Conc: 43.47 ng/ml



#15 Endosulfan II

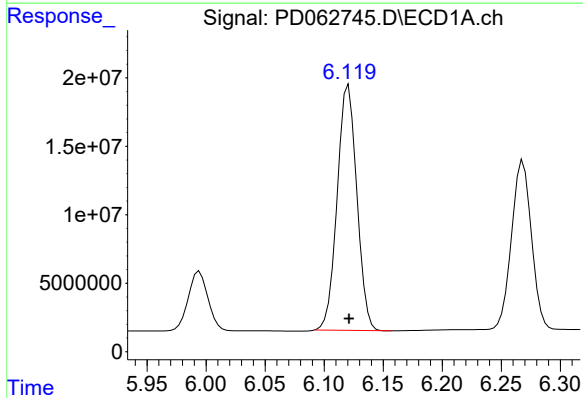
R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 144561348  
Conc: 138.76 ng/ml

Instrument :  
ECD\_D  
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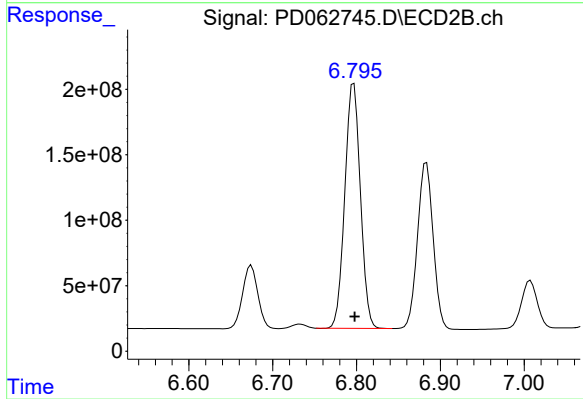
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: 0.000 min  
Response: 1652346068  
Conc: 123.69 ng/ml



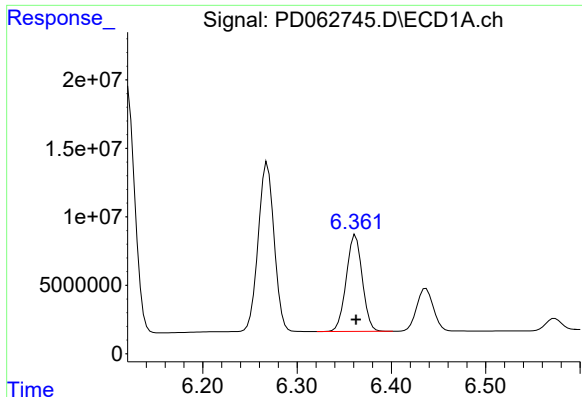
#16 4,4'-DDD

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 207551267  
Conc: 217.96 ng/ml



#16 4,4'-DDD

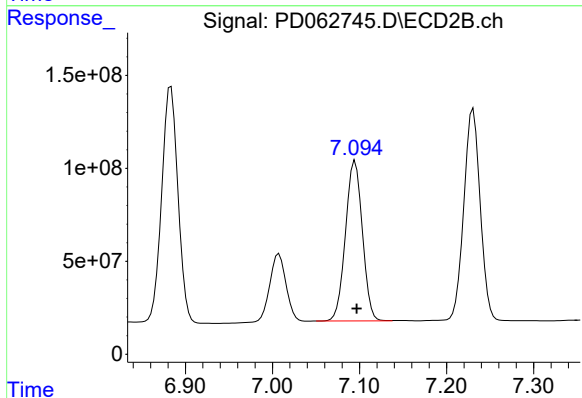
R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 2420849463  
Conc: 187.35 ng/ml



#17 4,4'-DDT

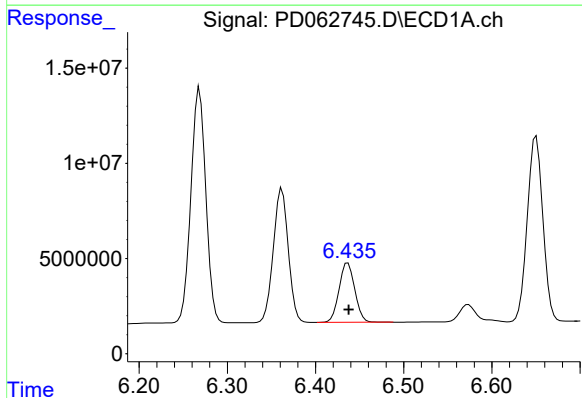
R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 83416351  
Conc: 86.89 ng/ml

Instrument :  
ECD\_D  
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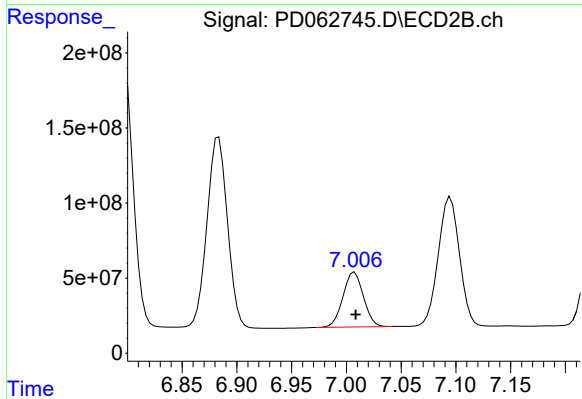
#17 4,4'-DDT

R.T.: 7.095 min  
Delta R.T.: -0.002 min  
Response: 1163360565  
Conc: 91.33 ng/ml



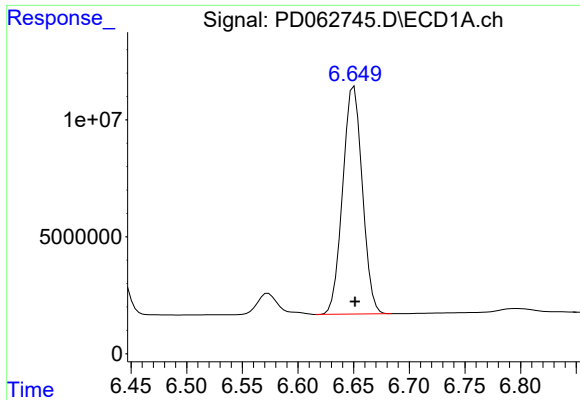
#18 Endrin aldehyde

R.T.: 6.437 min  
Delta R.T.: -0.001 min  
Response: 38637569  
Conc: 41.42 ng/ml



#18 Endrin aldehyde

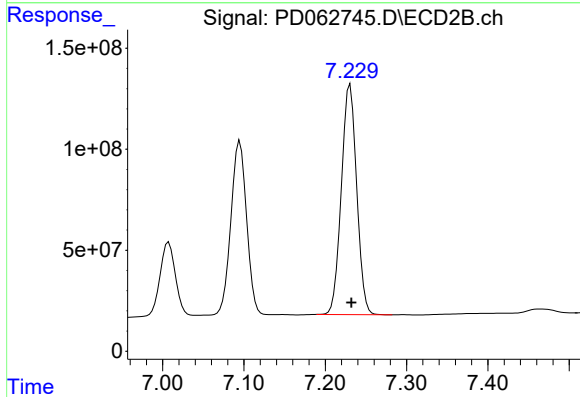
R.T.: 7.008 min  
Delta R.T.: 0.000 min  
Response: 474678325  
Conc: 40.68 ng/ml



#19 Endosulfan Sulfate

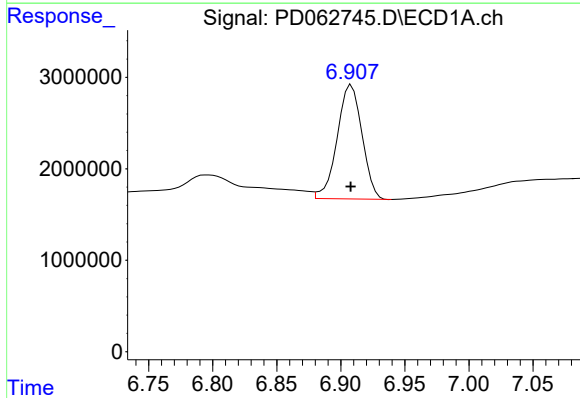
R.T.: 6.650 min  
Delta R.T.: -0.001 min  
Response: 119544059  
Conc: 114.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



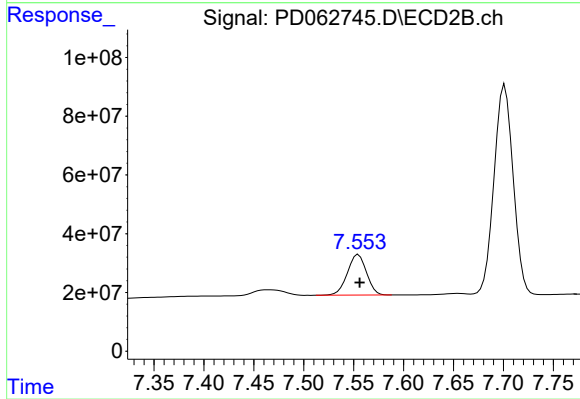
#19 Endosulfan Sulfate

R.T.: 7.231 min  
Delta R.T.: -0.001 min  
Response: 1490278913  
Conc: 107.15 ng/ml



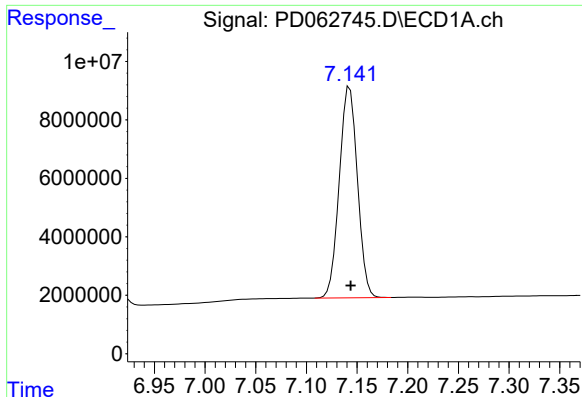
#20 Methoxychlor

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 16852985  
Conc: 28.63 ng/ml



#20 Methoxychlor

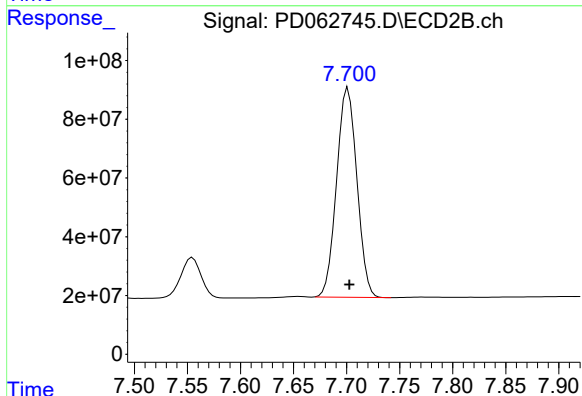
R.T.: 7.555 min  
Delta R.T.: -0.001 min  
Response: 184430088  
Conc: 27.63 ng/ml



#21 Endrin ketone

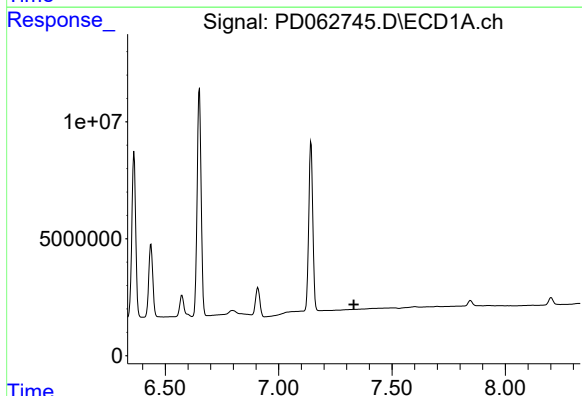
R.T.: 7.143 min  
Delta R.T.: -0.001 min  
Response: 89963878  
Conc: 72.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



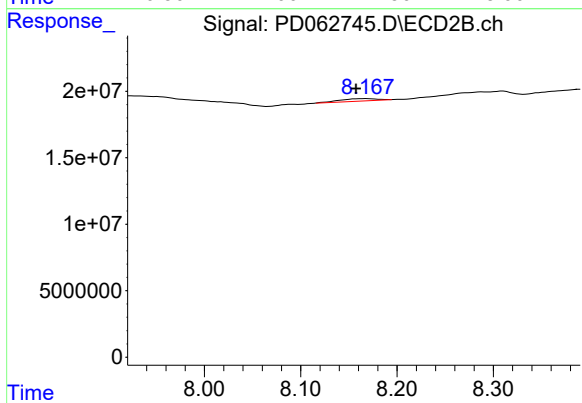
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.001 min  
Response: 948836543  
Conc: 69.92 ng/ml



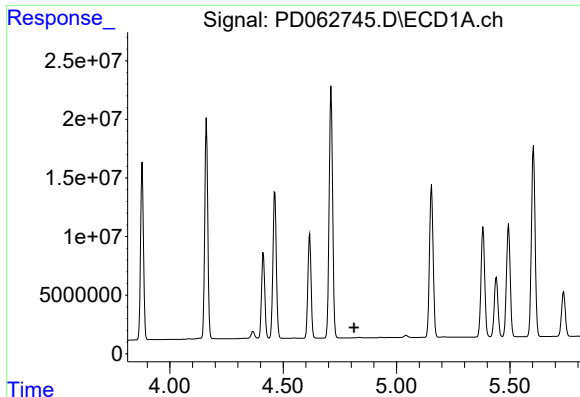
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.332 min  
Response: 0  
Conc: N.D.



#22 Mirex

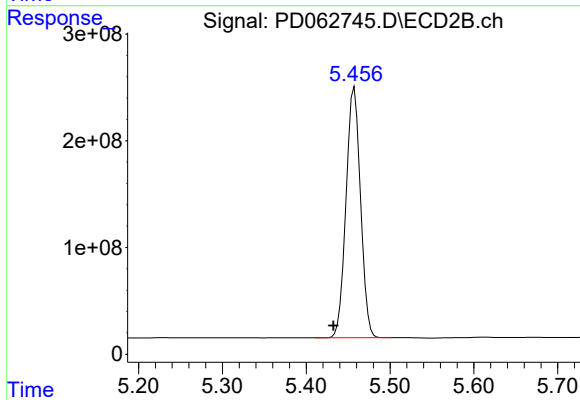
R.T.: 8.169 min  
Delta R.T.: 0.011 min  
Response: 4738734  
Conc: 0.52 ng/ml



#24 Chlordane-2

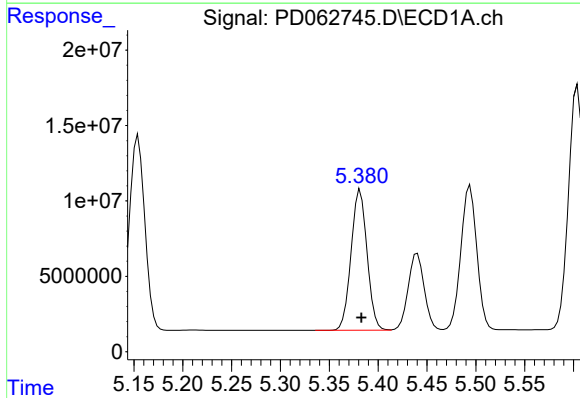
R.T.: 0.000 min  
Exp R.T.: 4.813 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



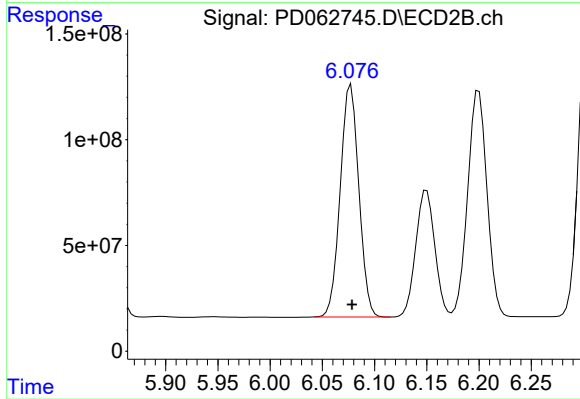
#24 Chlordane-2

R.T.: 5.457 min  
Delta R.T.: 0.025 min  
Response: 2826175185  
Conc: 5293.76 ng/ml



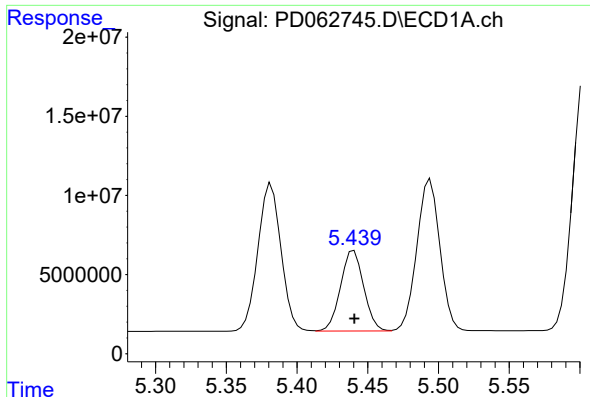
#25 Chlordane-3

R.T.: 5.382 min  
Delta R.T.: -0.001 min  
Response: 105975638  
Conc: 894.35 ng/ml



#25 Chlordane-3

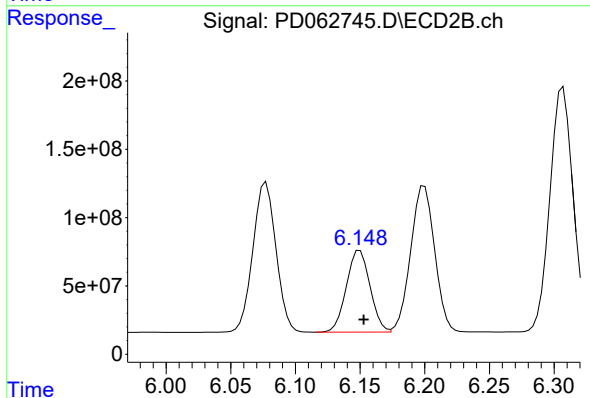
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 1359559179  
Conc: 608.33 ng/ml



#26 Chlordane-4

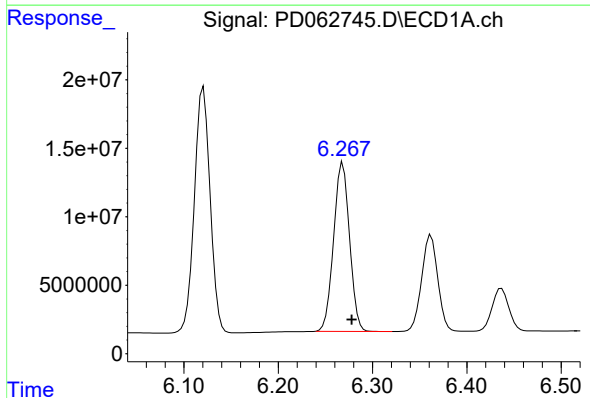
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 58004769  
Conc: 598.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



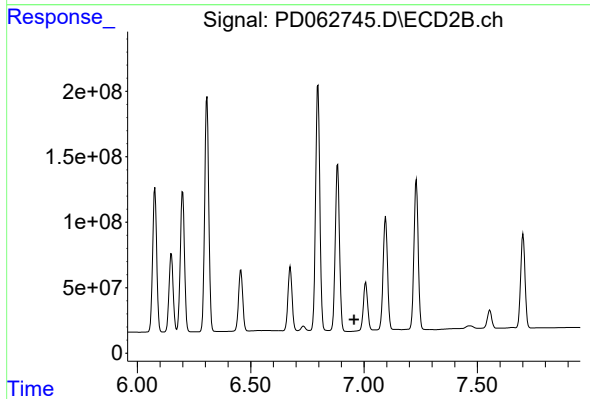
#26 Chlordane-4

R.T.: 6.150 min  
Delta R.T.: -0.003 min  
Response: 760721132  
Conc: 294.93 ng/ml



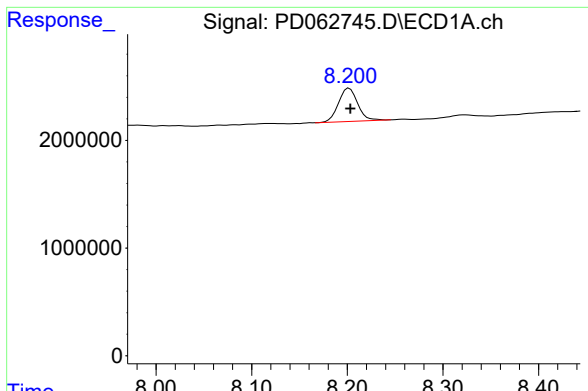
#27 Chlordane-5

R.T.: 6.268 min  
Delta R.T.: -0.010 min  
Response: 144561348  
Conc: 3316.18 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.957 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

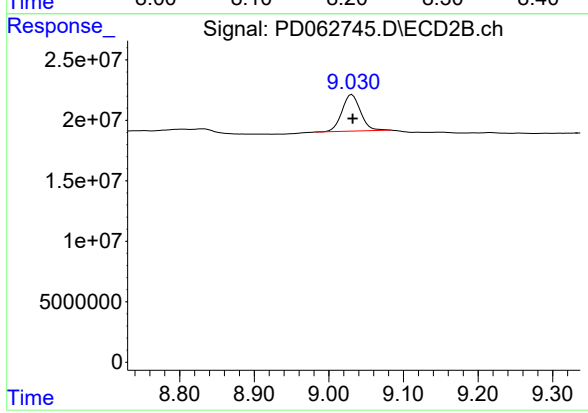
R.T.: 8.202 min

Delta R.T.: -0.001 min

Response: 4364911

Conc: 4.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PT-PEST-SOILDL



#28 Decachlorobiphenyl

R.T.: 9.031 min

Delta R.T.: -0.001 min

Response: 52585352

Conc: 4.56 ng/ml