

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
 Data File : PD058505.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2020 12:24  
 Operator : AJ\MA  
 Sample : L3216-08  
 Misc : LOD 2.5 PPB  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 01:19:05 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 08:01:25 2020  
 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... | 3.210 | 3.866 | 32859202 | 45139763 | 18.022 | 18.269 |
| 28)                         | SA Decachlor... | 7.846 | 8.860 | 34124308 | 42363354 | 18.897 | 19.430 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.632 | 4.247 | 5853267  | 7034804  | 2.044  | 1.866m |
| 3)                          | MA gamma-BHC... | 3.903 | 4.529 | 5673852  | 6715448  | 2.216  | 1.943  |
| 4)                          | MA Heptachlor   | 4.182 | 5.029 | 4360764  | 6828163  | 2.405  | 2.169  |
| 5)                          | MB Aldrin       | 4.417 | 5.329 | 4947701  | 6777268  | 2.077  | 2.137  |
| 6)                          | B beta-BHC      | 4.152 | 4.701 | 2472837  | 2848449  | 2.414  | 2.011  |
| 7)                          | B delta-BHC     | 4.343 | 4.912 | 4939244  | 5471642  | 1.948  | 1.779  |
| 8)                          | B Heptachlo...  | 4.850 | 5.713 | 4512543  | 7349588  | 2.299  | 2.525  |
| 9)                          | A Endosulfan I  | 5.176 | 6.065 | 4416431  | 5952381  | 2.229  | 2.258  |
| 10)                         | B gamma-Chl...  | 5.070 | 5.945 | 4962587  | 6267968  | 2.229  | 2.154  |
| 11)                         | B alpha-Chl...  | 5.126 | 6.018 | 4919661  | 6469710  | 2.222  | 2.250  |
| 12)                         | B 4,4'-DDE      | 5.295 | 6.178 | 4472223  | 5934501  | 2.072  | 2.159  |
| 13)                         | MA Dieldrin     | 5.414 | 6.321 | 4336068  | 6214089  | 2.432  | 2.175  |
| 14)                         | MA Endrin       | 5.666 | 6.536 | 4271325  | 5282894  | 2.999  | 2.482  |
| 15)                         | B Endosulfa...  | 5.939 | 6.746 | 4156116  | 6136823  | 2.303  | 2.487  |
| 16)                         | A 4,4'-DDD      | 5.803 | 6.664 | 3258610  | 5633484  | 2.491  | 2.443  |
| 17)                         | MA 4,4'-DDT     | 6.037 | 6.961 | 3173473  | 4657460  | 2.153  | 2.030  |
| 18)                         | B Endrin al...  | 6.107 | 6.870 | 3177225  | 5414339  | 2.281  | 2.532  |
| 19)                         | B Endosulfa...  | 6.317 | 7.091 | 3867447  | 5516676  | 2.430  | 2.406  |
| 20)                         | A Methoxychlor  | 6.583 | 7.420 | 1482012  | 2854802  | 2.516m | 2.375m |
| 21)                         | B Endrin ke...  | 6.796 | 7.558 | 4568670  | 5983863  | 2.483  | 2.199  |
| 22)                         | Mirex           | 6.966 | 8.008 | 3295799  | 4718605  | 2.188  | 2.446  |
| -----                       |                 |       |       |          |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
Data File : PD058505.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2020 12:24  
Operator : AJ\MA  
Sample : L3216-08  
Misc : LOD 2.5 PPB  
ALS Vial : 15 Sample Multiplier: 1

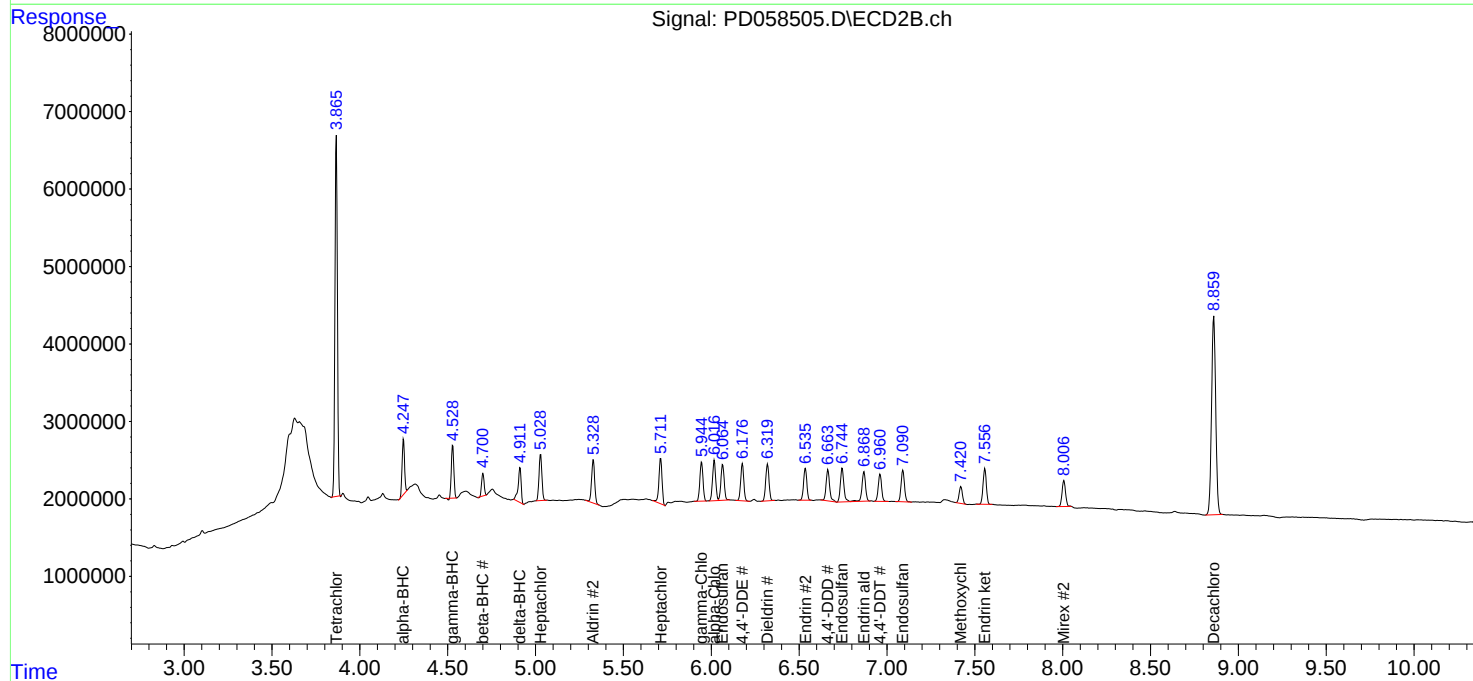
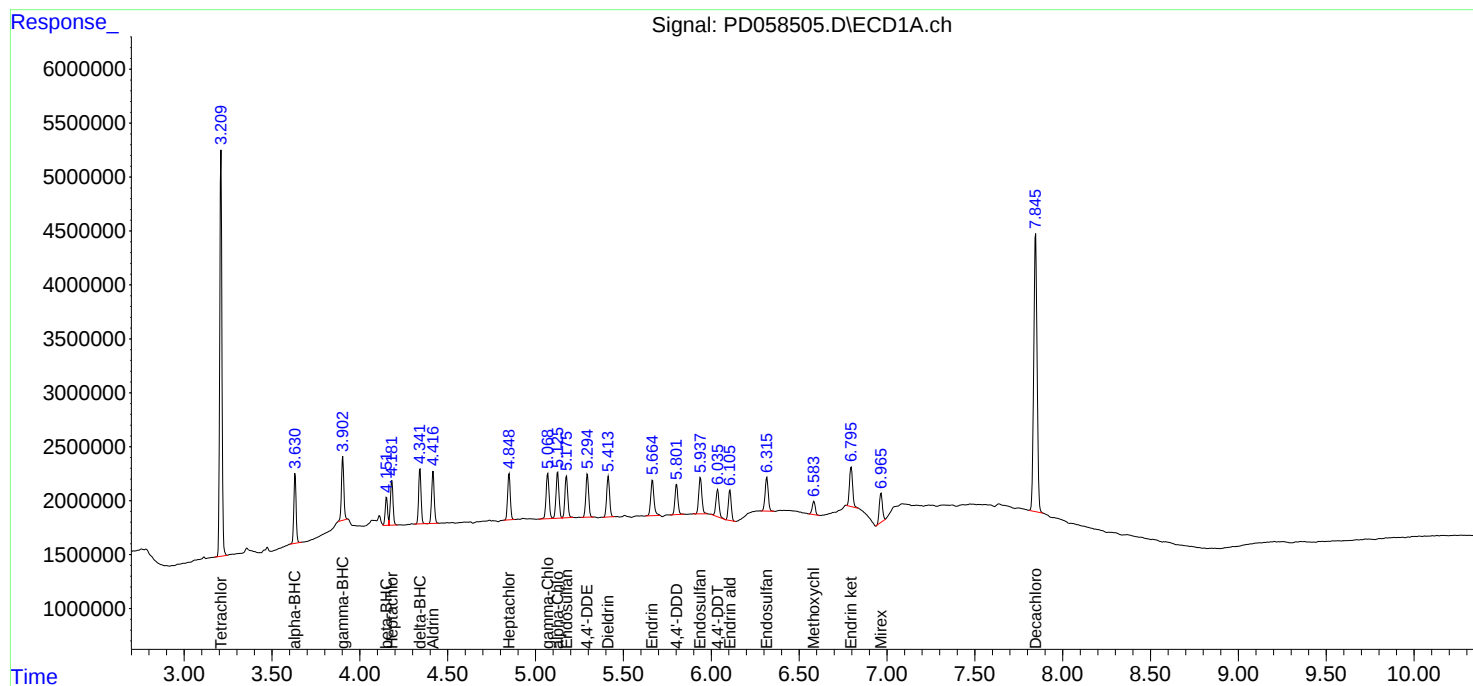
Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

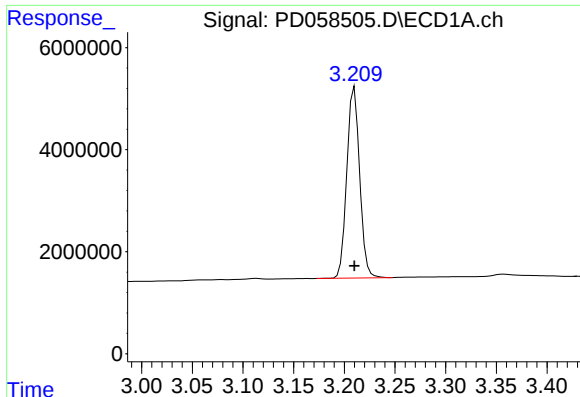
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:19:05 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 08:01:25 2020  
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





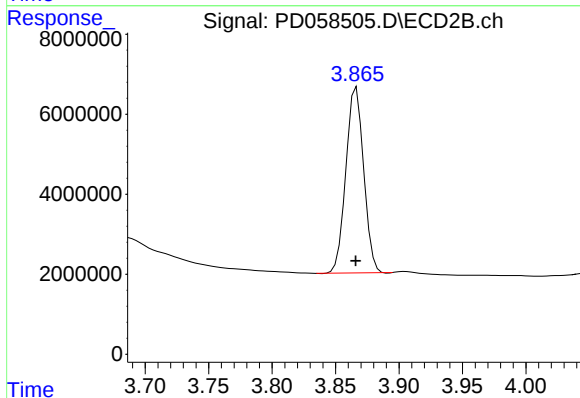
#1 Tetrachloro-m-xylene

R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 32859202  
Conc: 18.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

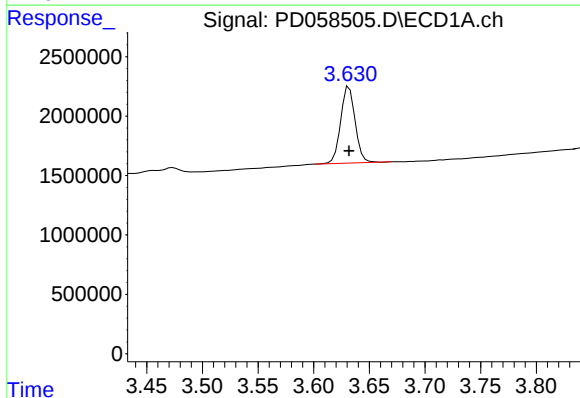
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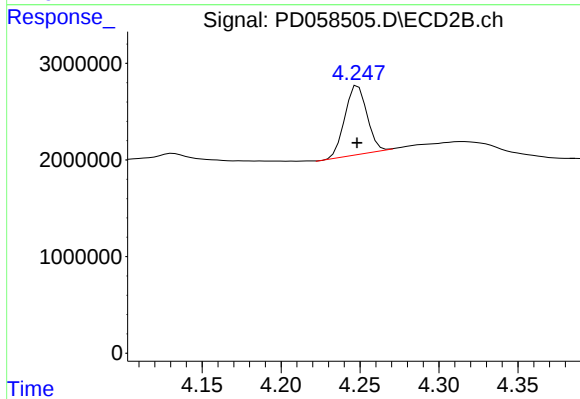
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 45139763  
Conc: 18.27 ng/ml



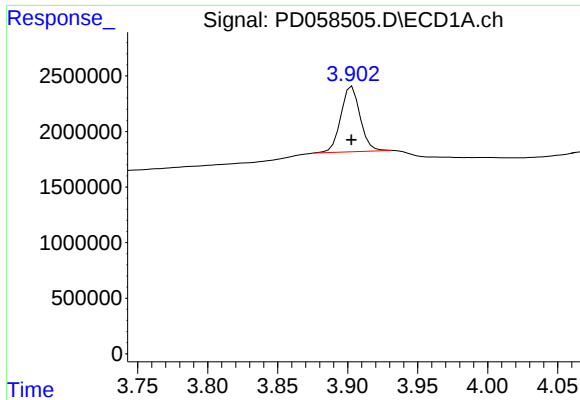
#2 alpha-BHC

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 5853267  
Conc: 2.04 ng/ml



#2 alpha-BHC

R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 7034804  
Conc: 1.87 ng/ml m



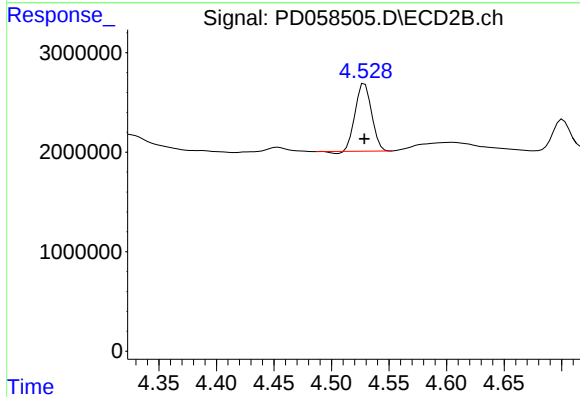
#3 gamma-BHC (Lindane)

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 5673852  
Conc: 2.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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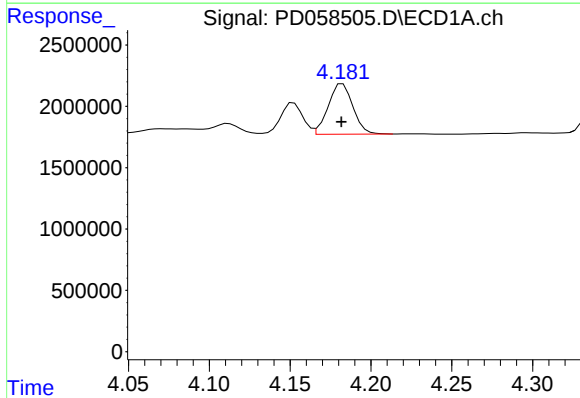
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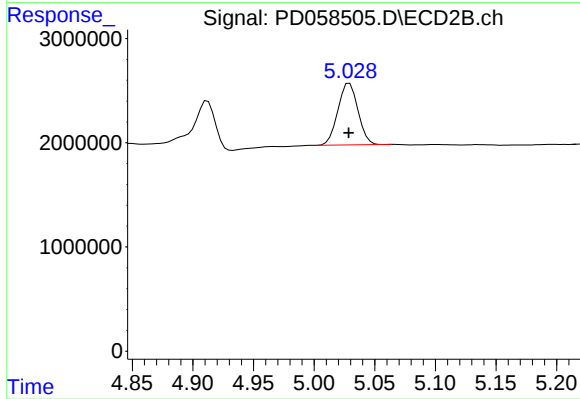
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 6715448  
Conc: 1.94 ng/ml



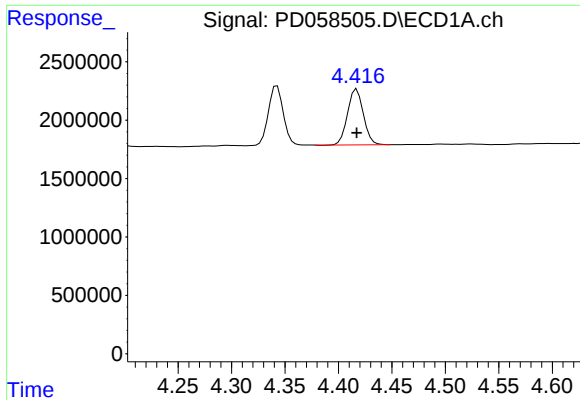
#4 Heptachlor

R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 4360764  
Conc: 2.41 ng/ml



#4 Heptachlor

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 6828163  
Conc: 2.17 ng/ml



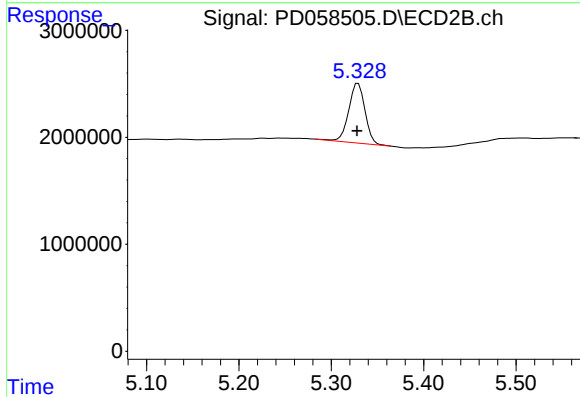
#5 Aldrin

R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 4947701  
Conc: 2.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

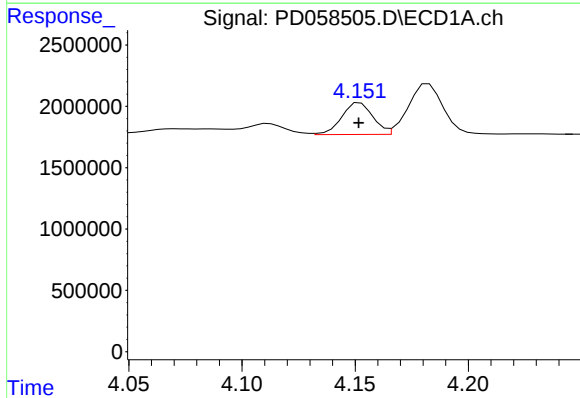
Manual Integrations  
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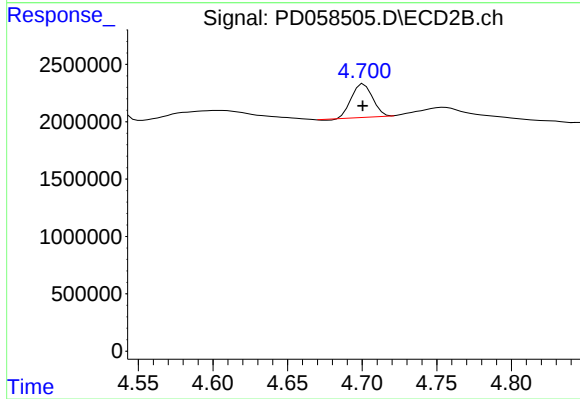
#5 Aldrin

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 6777268  
Conc: 2.14 ng/ml



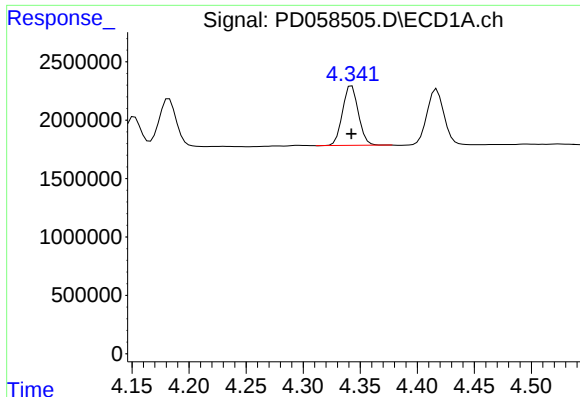
#6 beta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 2472837  
Conc: 2.41 ng/ml



#6 beta-BHC

R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 2848449  
Conc: 2.01 ng/ml



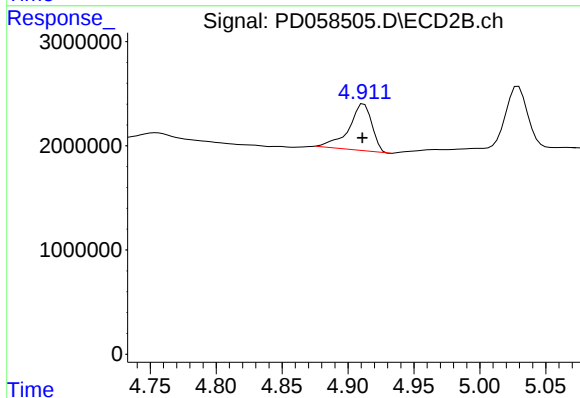
#7 delta-BHC

R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 4939244  
Conc: 1.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

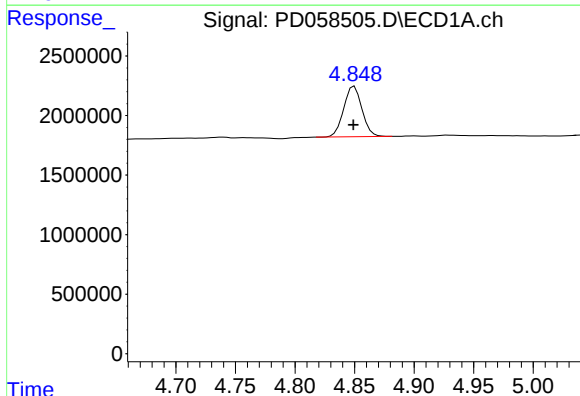
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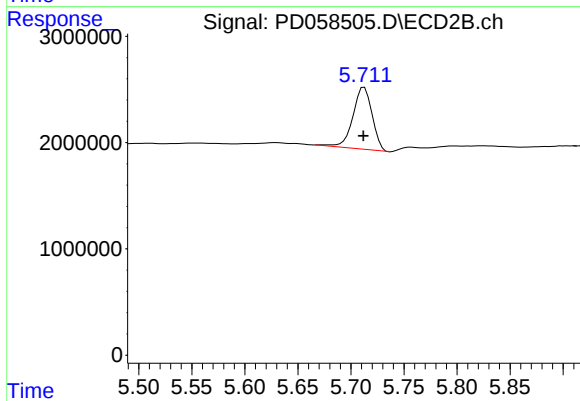
#7 delta-BHC

R.T.: 4.912 min  
Delta R.T.: 0.001 min  
Response: 5471642  
Conc: 1.78 ng/ml



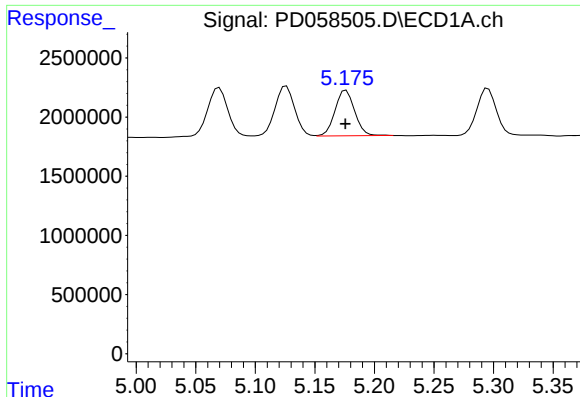
#8 Heptachlor epoxide

R.T.: 4.850 min  
Delta R.T.: 0.000 min  
Response: 4512543  
Conc: 2.30 ng/ml



#8 Heptachlor epoxide

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 7349588  
Conc: 2.52 ng/ml



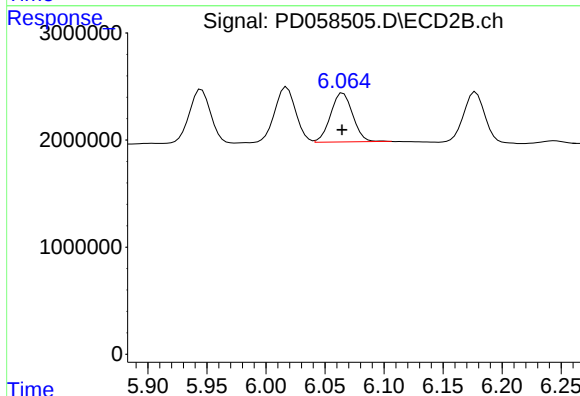
#9 Endosulfan I

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 4416431  
Conc: 2.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

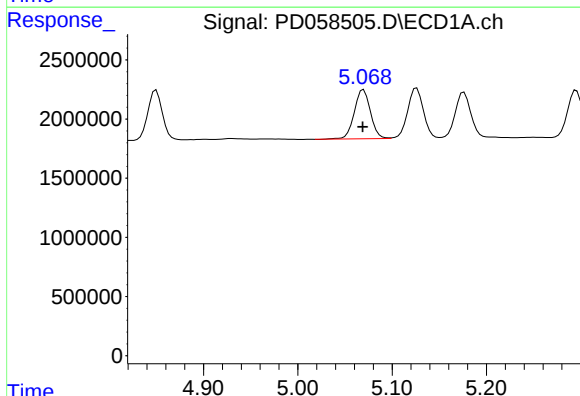
Manual Integrations  
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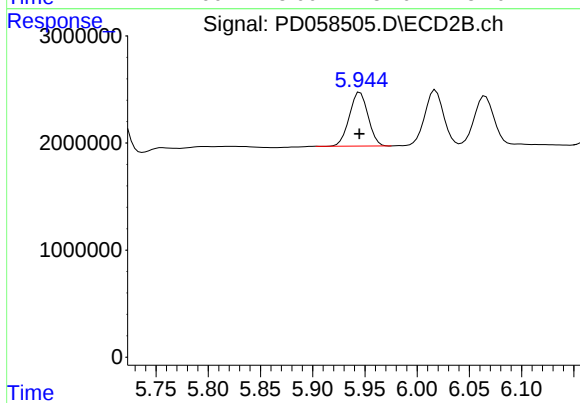
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 5952381  
Conc: 2.26 ng/ml



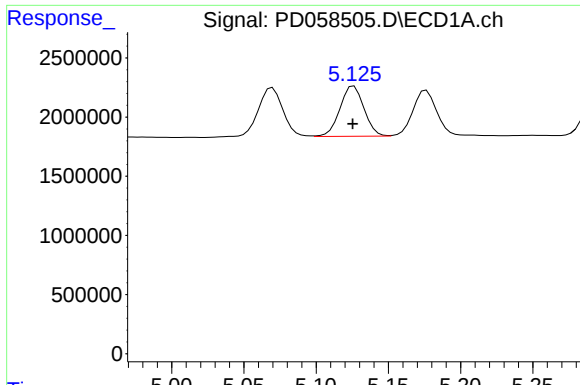
#10 gamma-Chlordane

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 4962587  
Conc: 2.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 6267968  
Conc: 2.15 ng/ml



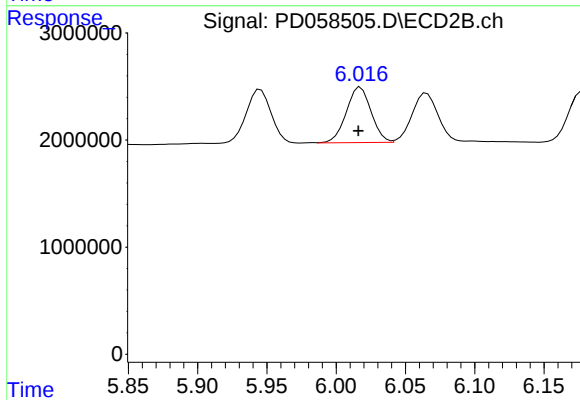
#11 alpha-Chlordane

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 4919661  
Conc: 2.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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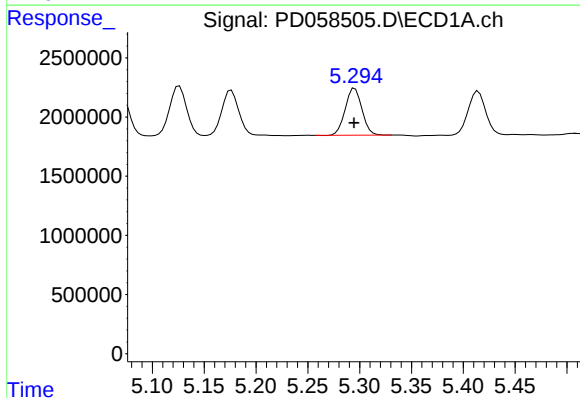
Manual Integrations  
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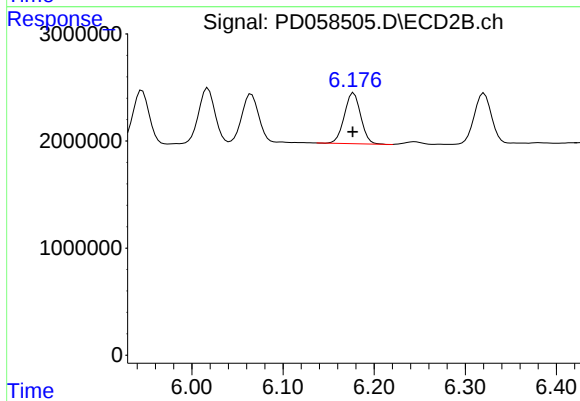
#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: 0.002 min  
Response: 6469710  
Conc: 2.25 ng/ml



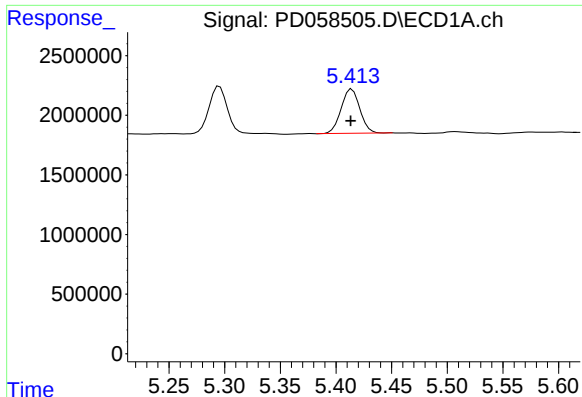
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 4472223  
Conc: 2.07 ng/ml



#12 4,4'-DDE

R.T.: 6.178 min  
Delta R.T.: 0.001 min  
Response: 5934501  
Conc: 2.16 ng/ml



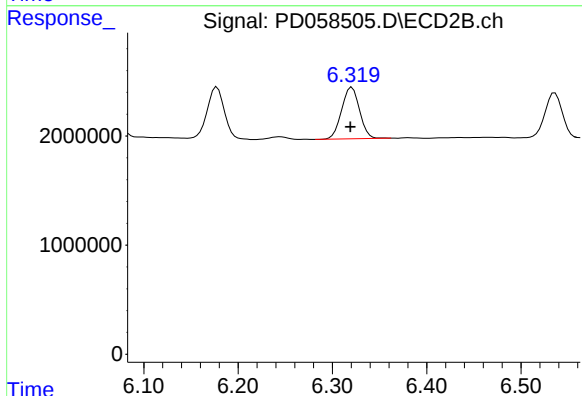
#13 Dieldrin

R.T.: 5.414 min  
Delta R.T.: 0.001 min  
Response: 4336068  
Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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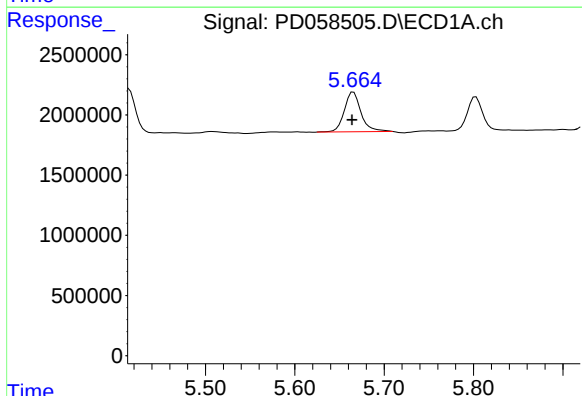
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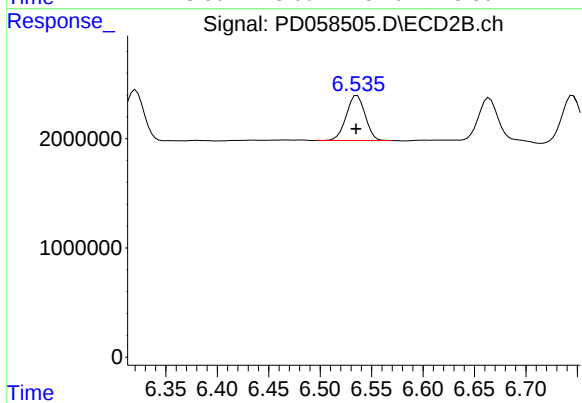
#13 Dieldrin

R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 6214089  
Conc: 2.18 ng/ml



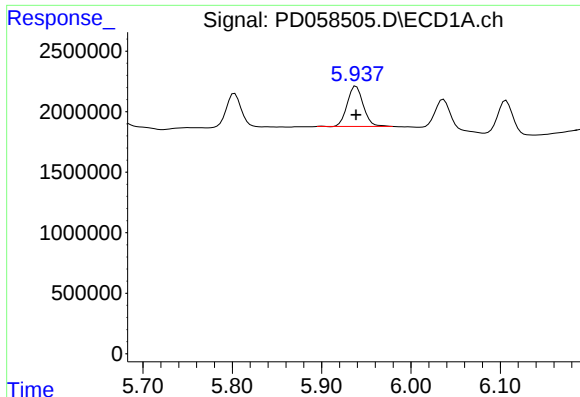
#14 Endrin

R.T.: 5.666 min  
Delta R.T.: 0.001 min  
Response: 4271325  
Conc: 3.00 ng/ml



#14 Endrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 5282894  
Conc: 2.48 ng/ml



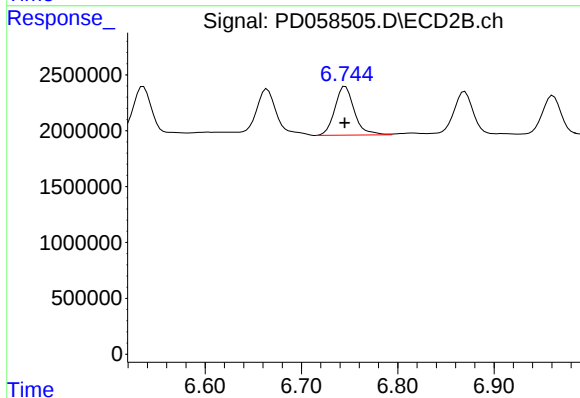
#15 Endosulfan II

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 4156116  
Conc: 2.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

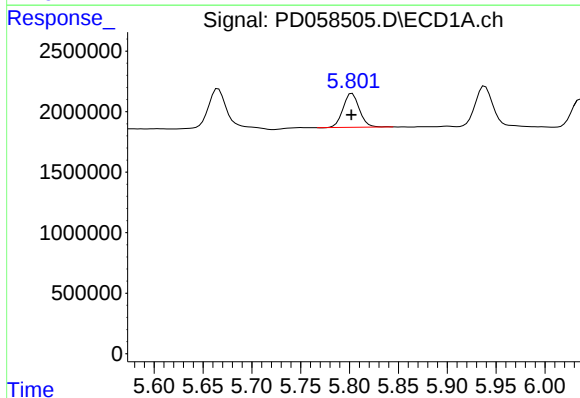
Manual Integrations  
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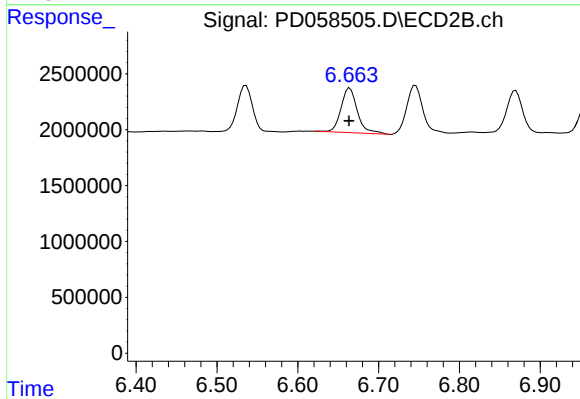
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 6136823  
Conc: 2.49 ng/ml



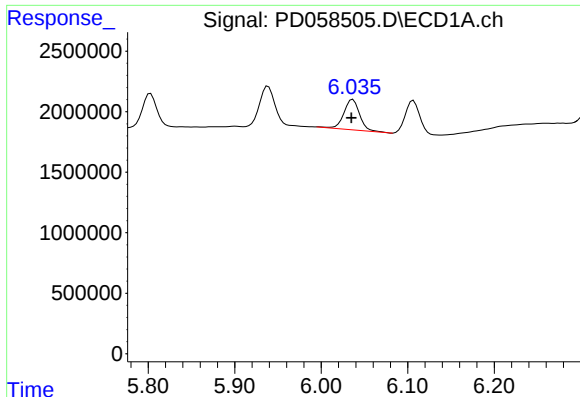
#16 4,4'-DDD

R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 3258610  
Conc: 2.49 ng/ml



#16 4,4'-DDD

R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 5633484  
Conc: 2.44 ng/ml



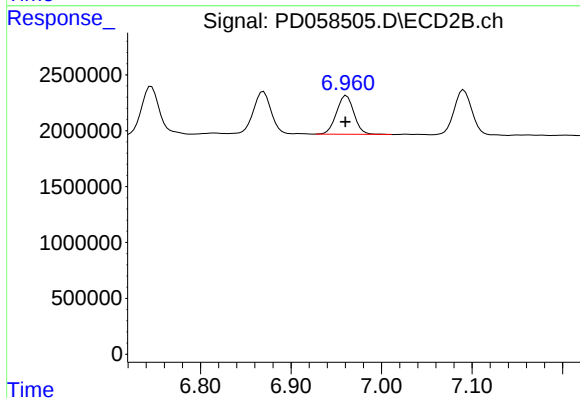
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: 0.002 min  
Response: 3173473  
Conc: 2.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

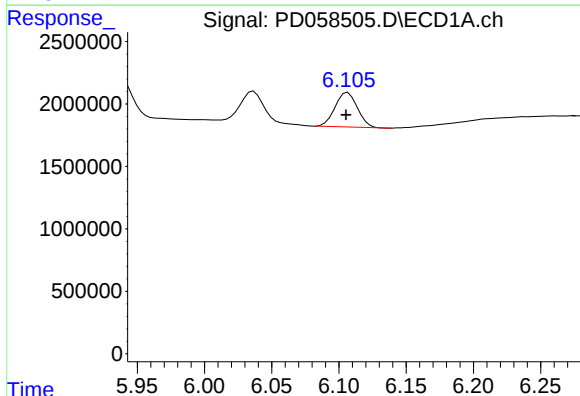
Manual Integrations  
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7/10/2020 12:32:10 PM



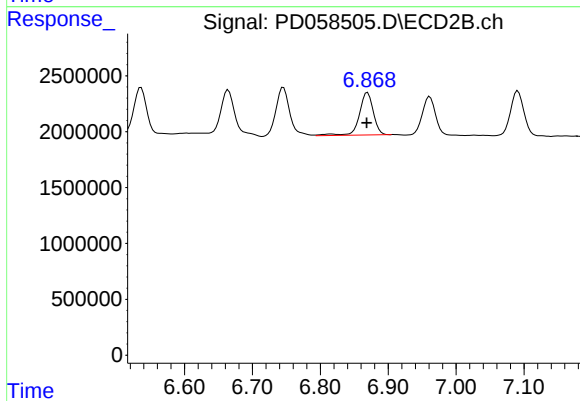
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.001 min  
Response: 4657460  
Conc: 2.03 ng/ml



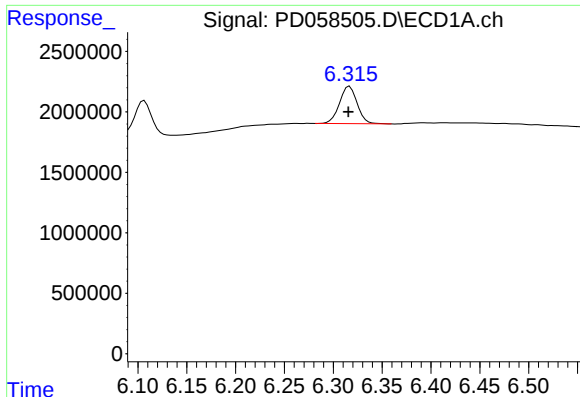
#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.001 min  
Response: 3177225  
Conc: 2.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.870 min  
Delta R.T.: 0.001 min  
Response: 5414339  
Conc: 2.53 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.317 min

Delta R.T.: 0.001 min

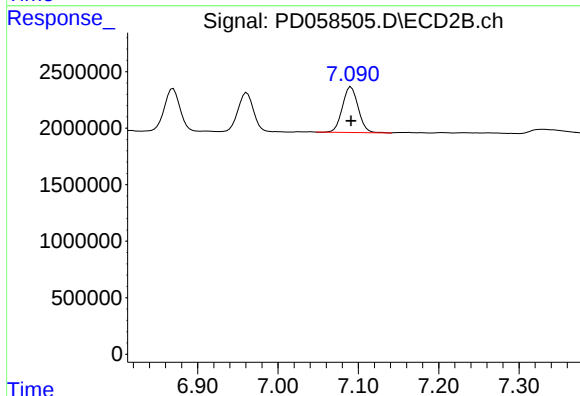
Response: 3867447

Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

Manual Integrations  
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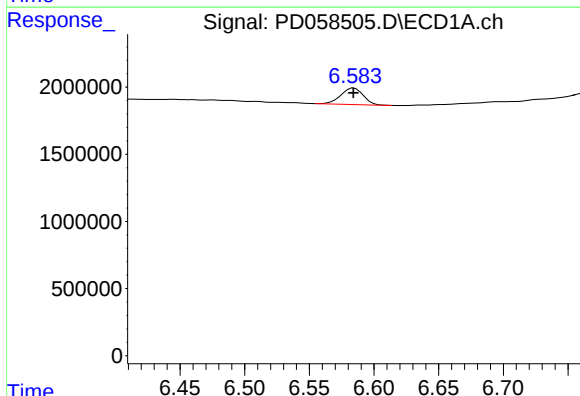
#19 Endosulfan Sulfate

R.T.: 7.091 min

Delta R.T.: 0.000 min

Response: 5516676

Conc: 2.41 ng/ml



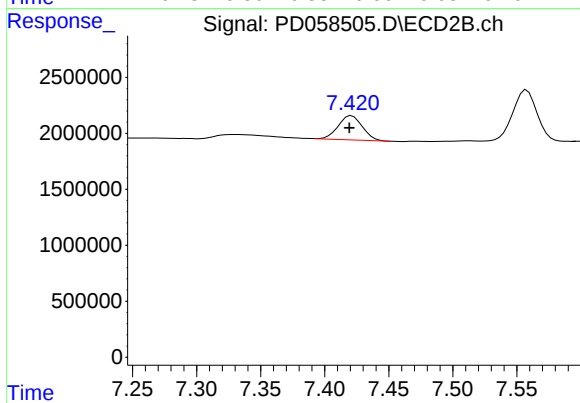
#20 Methoxychlor

R.T.: 6.583 min

Delta R.T.: 0.000 min

Response: 1482012

Conc: 2.52 ng/ml m



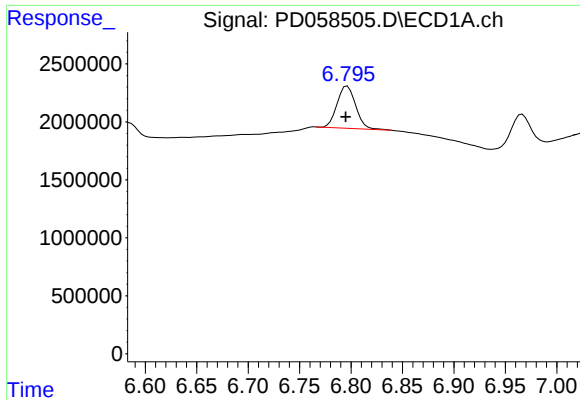
#20 Methoxychlor

R.T.: 7.420 min

Delta R.T.: 0.000 min

Response: 2854802

Conc: 2.37 ng/ml m



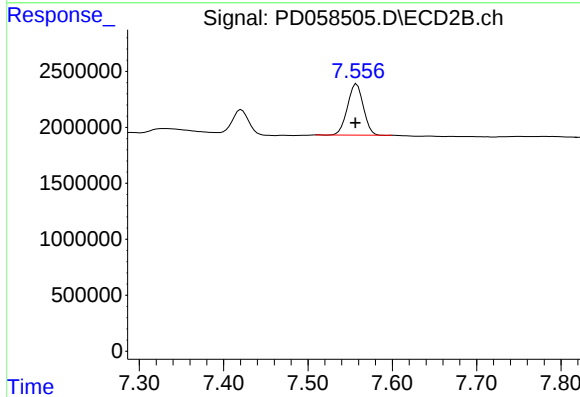
#21 Endrin ketone

R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 4568670  
Conc: 2.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

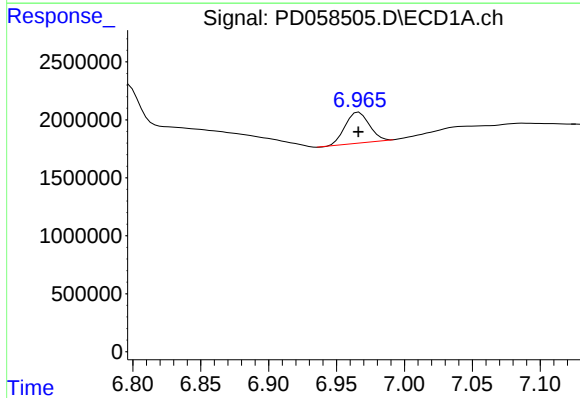
Manual Integrations  
APPROVED

Ankita  
7/10/2020 12:32:10 PM



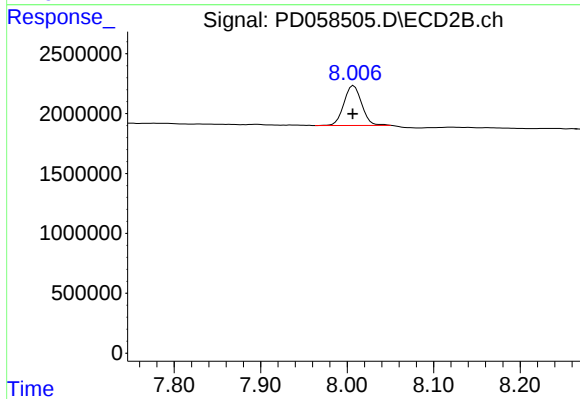
#21 Endrin ketone

R.T.: 7.558 min  
Delta R.T.: 0.002 min  
Response: 5983863  
Conc: 2.20 ng/ml



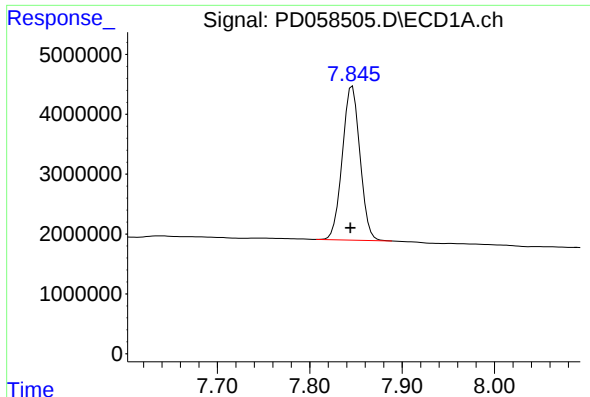
#22 Mirex

R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 3295799  
Conc: 2.19 ng/ml



#22 Mirex

R.T.: 8.008 min  
Delta R.T.: 0.001 min  
Response: 4718605  
Conc: 2.45 ng/ml



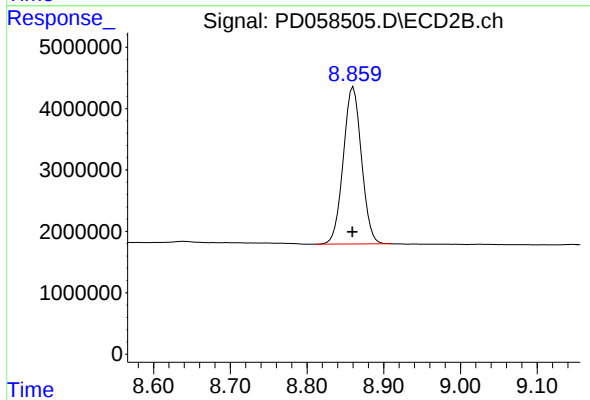
#28 Decachlorobiphenyl

R.T.: 7.846 min  
Delta R.T.: 0.002 min  
Response: 34124308  
Conc: 18.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.860 min  
Delta R.T.: 0.001 min  
Response: 42363354  
Conc: 19.43 ng/ml