

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052956.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 15:08
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : LOD 1 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 02:18:49 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	4.042	28203112	572.4E6	20.211	19.747
28)	SA Decachlor...	7.814	9.162	30259538	381.1E6	22.704	24.508
Target Compounds							
2)	A alpha-BHC	3.639	4.435	2060805	47848361	0.907	1.063
3)	MA gamma-BHC...	3.906	4.721	4071233	40743123	1.862m	1.013 #
4)	MA Heptachlor	4.183	5.234	2131051	46182748	1.004	1.164
5)	MB Aldrin	4.415	5.541	2035095	42270059	1.011	1.142
6)	B beta-BHC	4.153	4.893	1037429	24267007	1.175	1.341
7)	B delta-BHC	4.341	5.111	1616584	20743585	0.793	0.630m
8)	B Heptachlor...	4.842	5.929	2024978	37385196	1.065	1.158
9)	A Endosulfan I	5.163	6.289	1818387	36069804	1.017	1.235
10)	B gamma-Chl...	5.057	6.166	2008220	36581506	1.030m	1.143
11)	B alpha-Chl...	5.115	6.238	2047926	37533482	1.061	1.196
12)	B 4,4'-DDE	5.284	6.395	1660576	34717235	0.891	1.137 #
13)	MA Dieldrin	5.398	6.547	1907713	34231981	0.987	1.144
14)	MA Endrin	5.645	6.767	1622173	27774815	0.881	1.108 #
15)	B Endosulfa...	5.914	6.977	1607596	29590485	0.937m	1.188 #
16)	A 4,4'-DDD	5.786	6.888	1486170	31778465	0.972	1.329 #
17)	MA 4,4'-DDT	6.014	7.187	644292	10309199	0.448m	0.553m
18)	B Endrin al...	6.080	7.101	1669320	26794080	1.164m	1.302
19)	B Endosulfa...	6.290	7.326	2030024	27463307	1.324	1.248
20)	A Methoxychlor	6.561	7.649	627348	8178068	0.743m	0.818
21)	B Endrin ke...	6.766	7.800	1877007	23096795	1.032	1.127
22)	Mirex	6.931	8.259	951692	18410428	0.777m	1.428 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052956.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 15:08
Operator : AJ\SJ
Sample : K2241-07
Misc : LOD 1 PPB
ALS Vial : 20 Sample Multiplier: 1

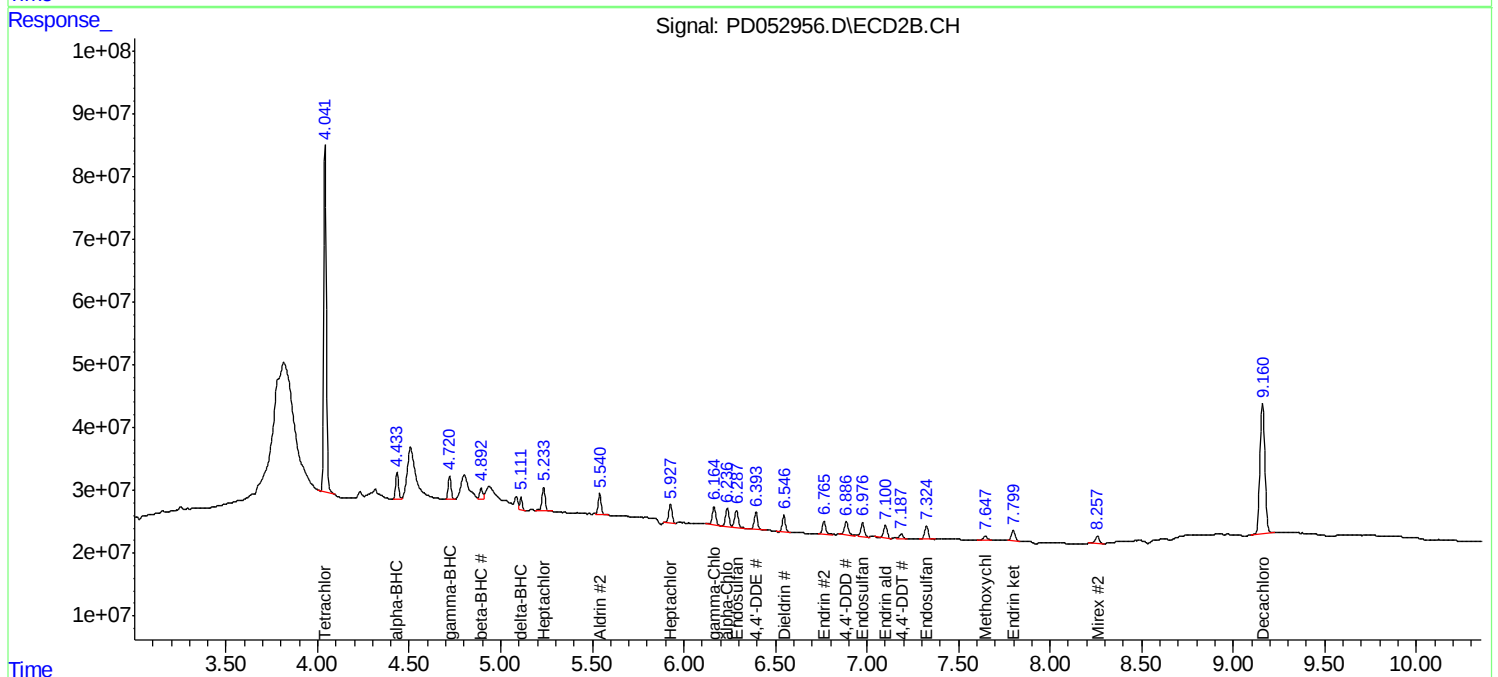
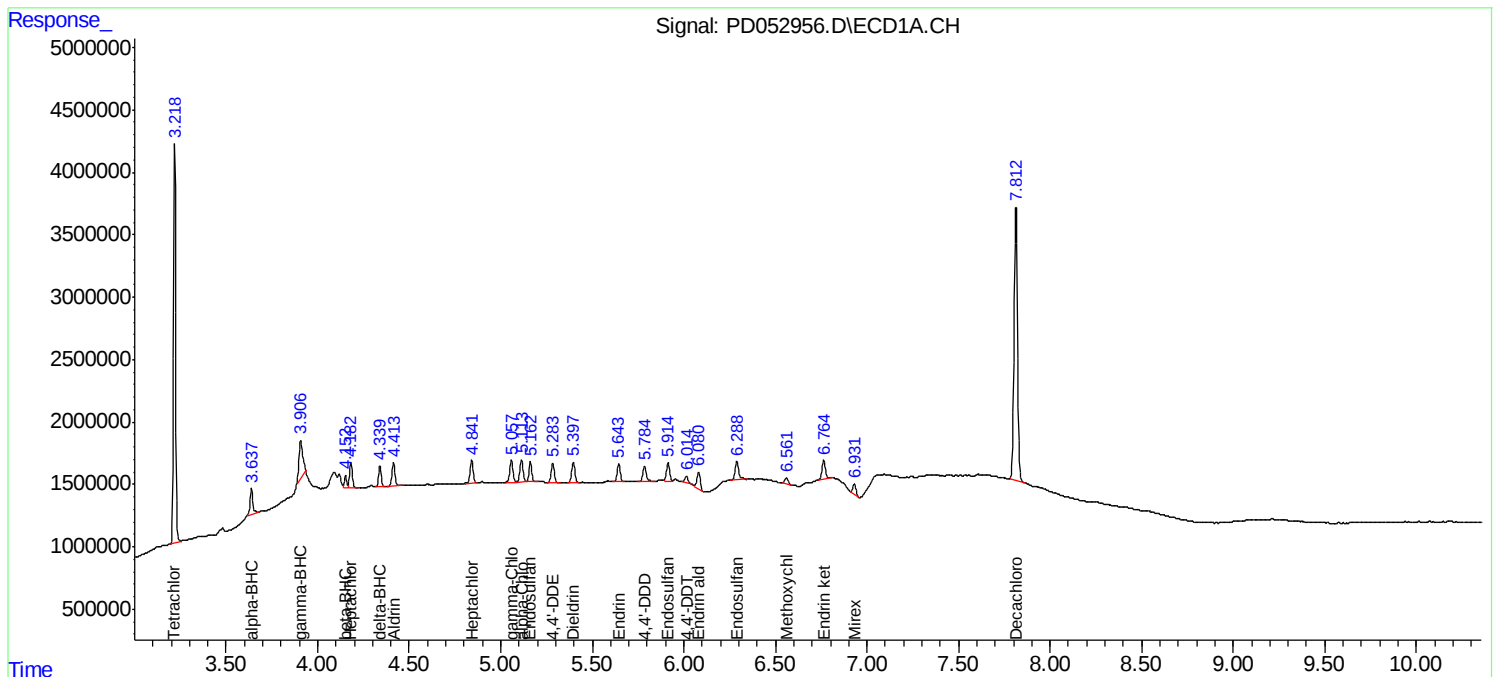
Instrument :
ECD_D
ClientSampled :
LOD-MDL-WATER-01-QT2-2019

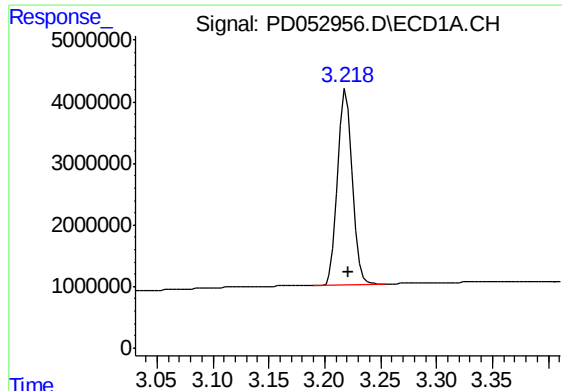
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:18:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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





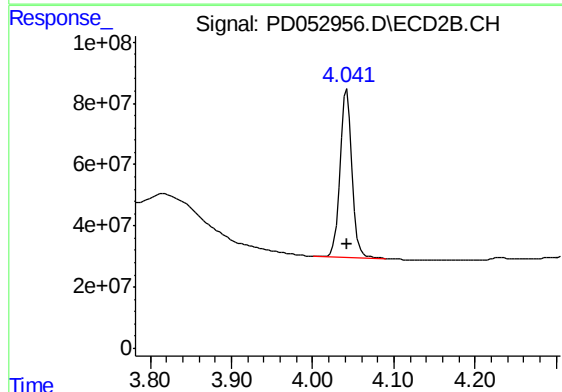
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28203112
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

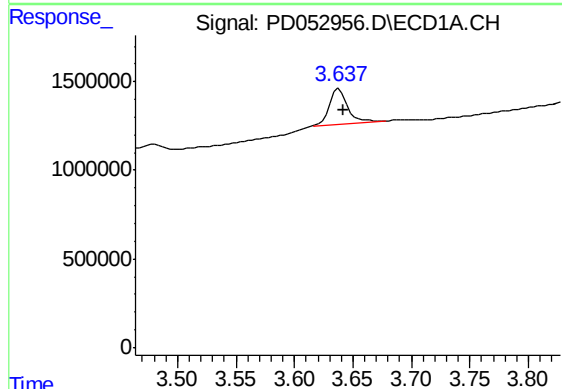
Manual Integrations
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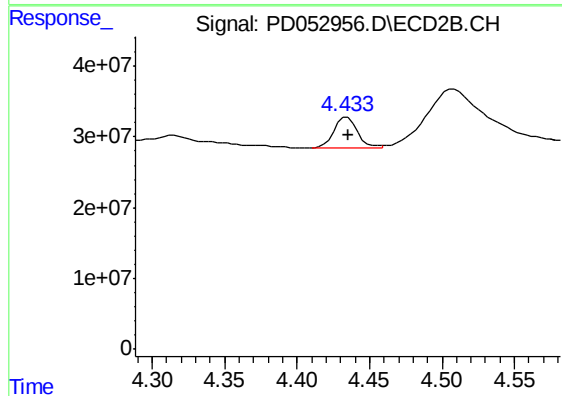
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 572356641
Conc: 19.75 ng/ml



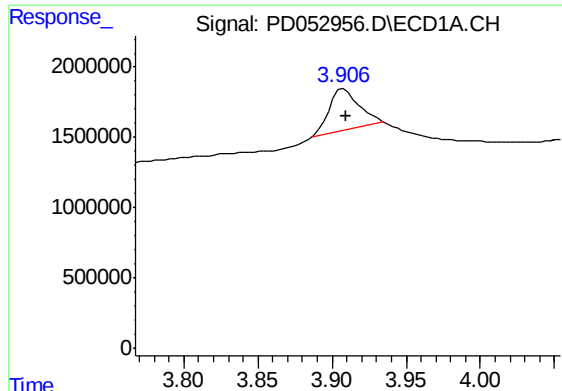
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.003 min
Response: 2060805
Conc: 0.91 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 47848361
Conc: 1.06 ng/ml



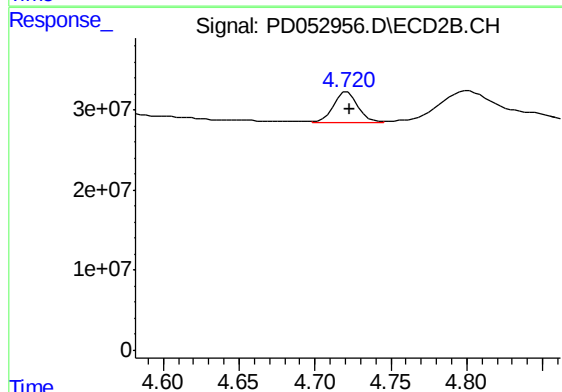
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 4071233
Conc: 1.86 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

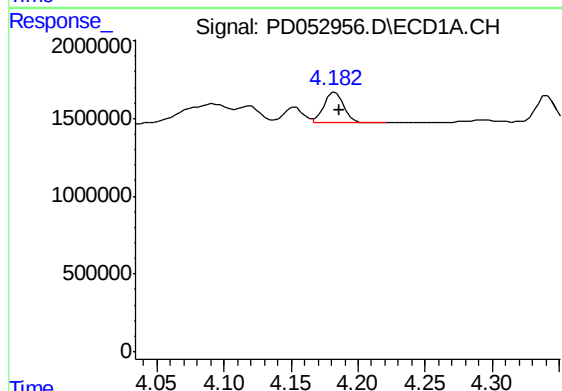
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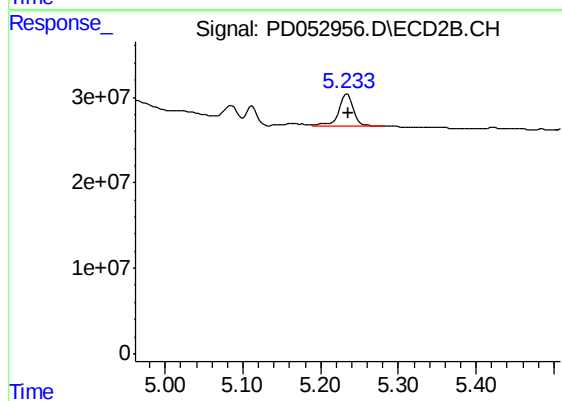
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 40743123
Conc: 1.01 ng/ml



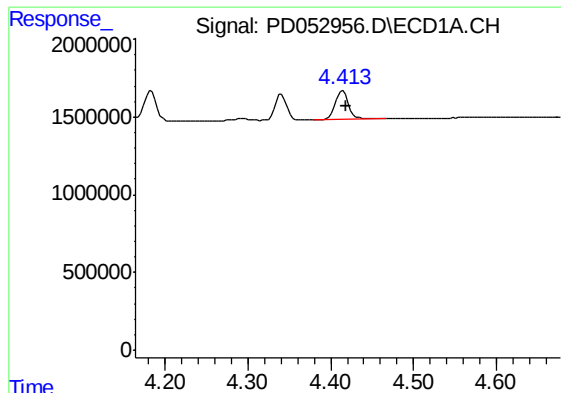
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 2131051
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 46182748
Conc: 1.16 ng/ml



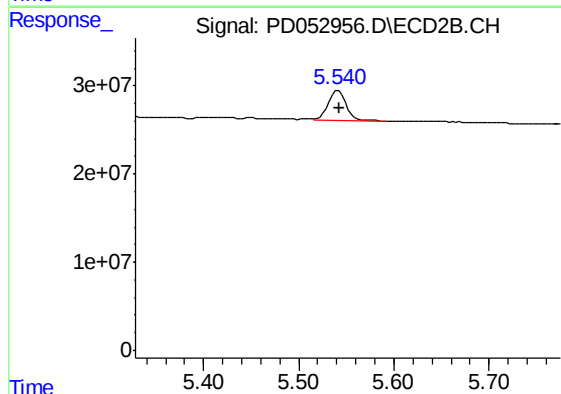
#5 Aldrin

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 2035095
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

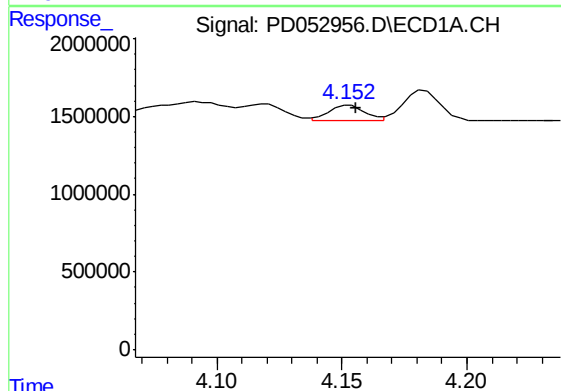
Manual Integrations
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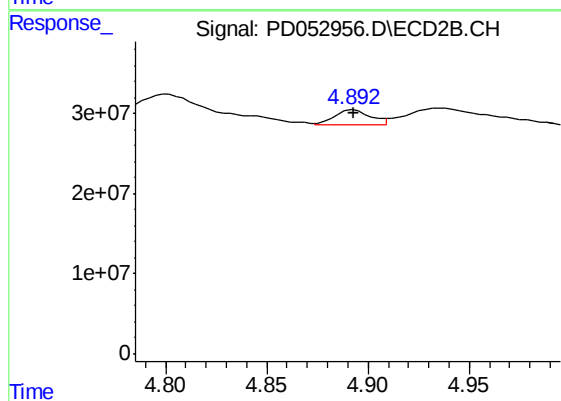
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 42270059
Conc: 1.14 ng/ml



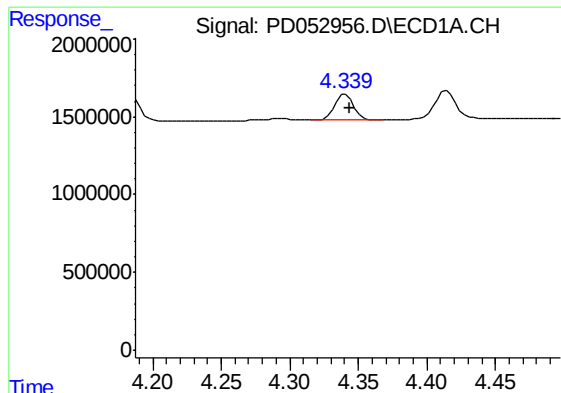
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 1037429
Conc: 1.18 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 24267007
Conc: 1.34 ng/ml



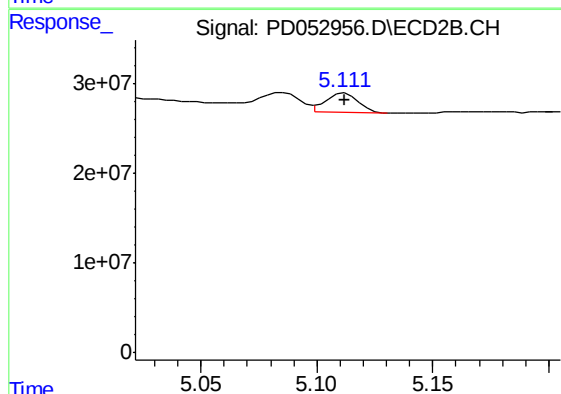
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 1616584
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

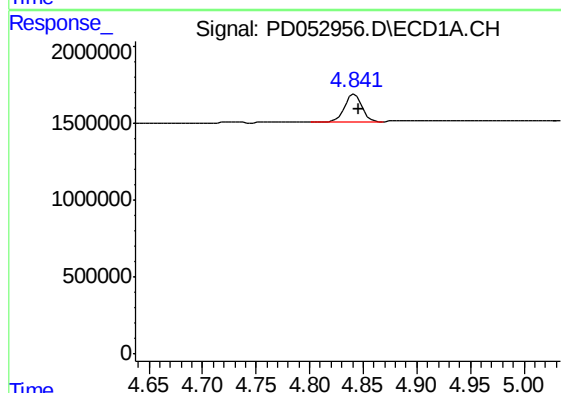
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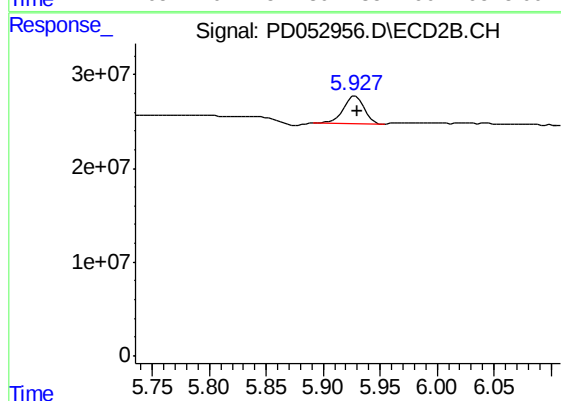
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 20743585
Conc: 0.63 ng/ml m



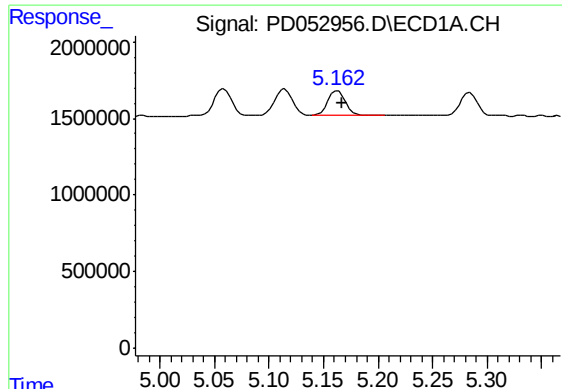
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 2024978
Conc: 1.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 37385196
Conc: 1.16 ng/ml



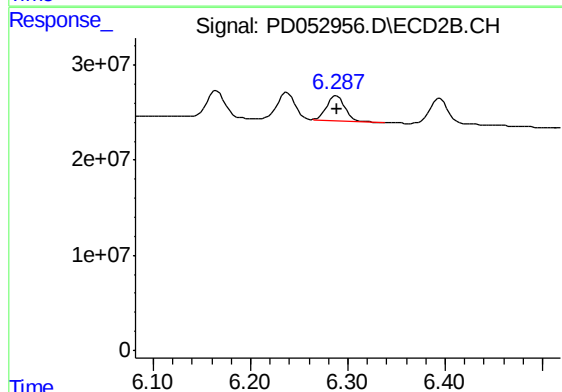
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 1818387
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

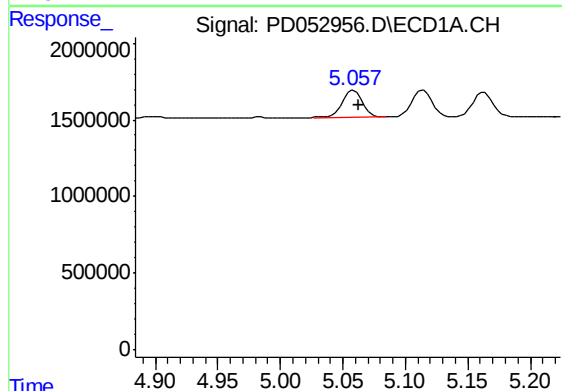
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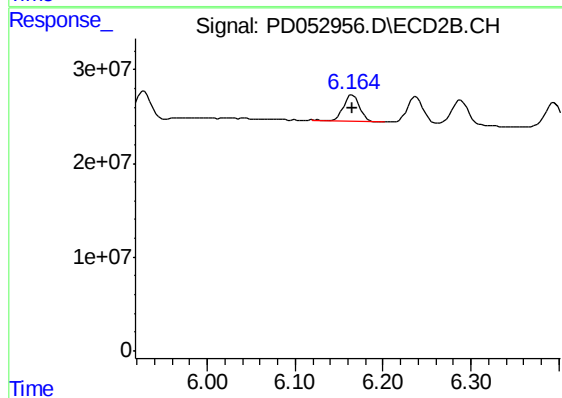
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 36069804
Conc: 1.23 ng/ml



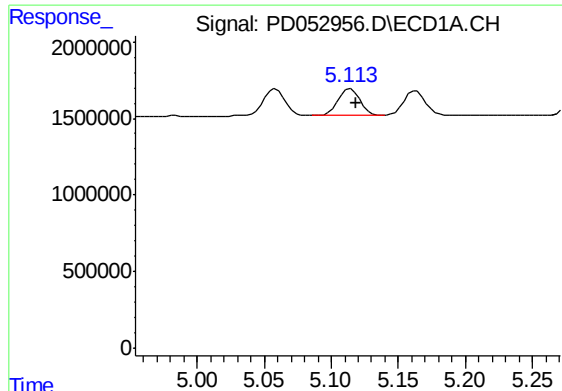
#10 gamma-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 2008220
Conc: 1.03 ng/ml m



#10 gamma-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 36581506
Conc: 1.14 ng/ml



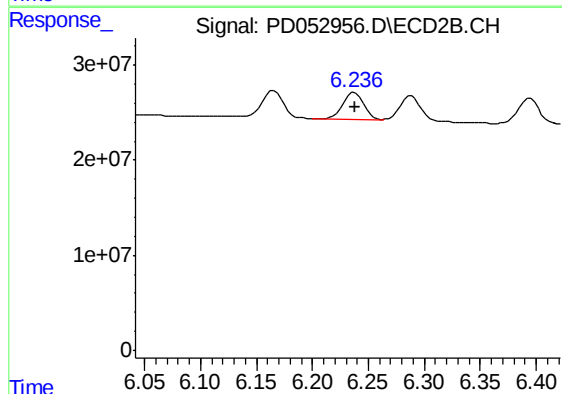
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 2047926
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

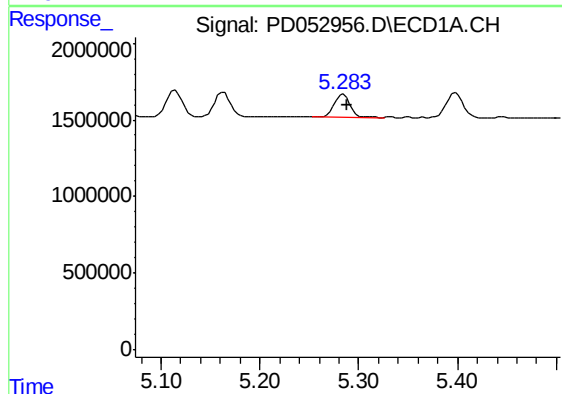
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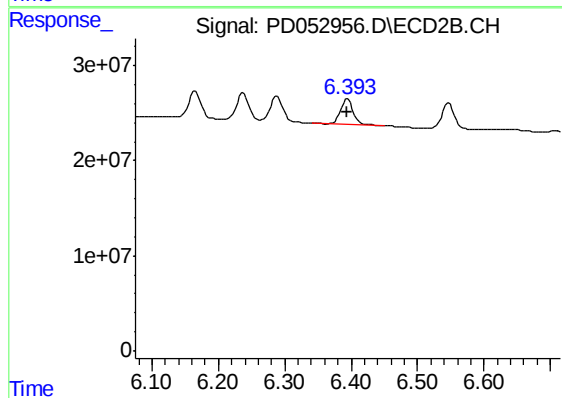
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 37533482
Conc: 1.20 ng/ml



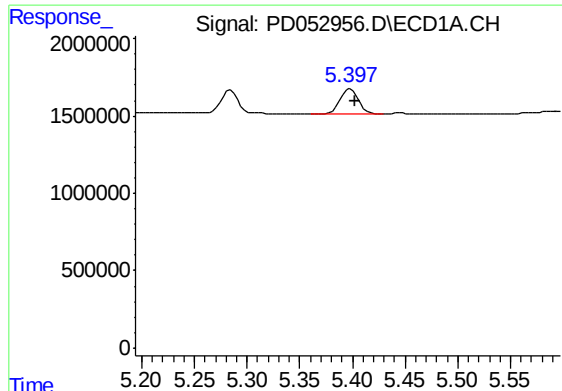
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 1660576
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 34717235
Conc: 1.14 ng/ml



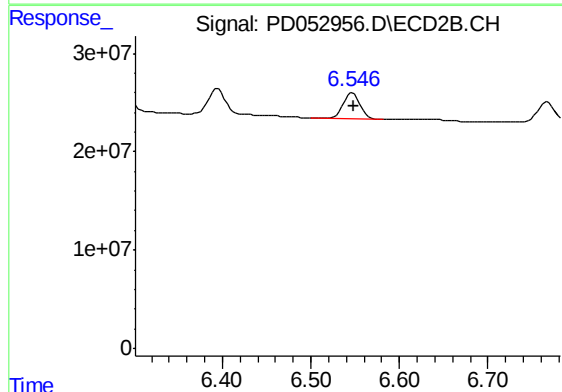
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 1907713
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

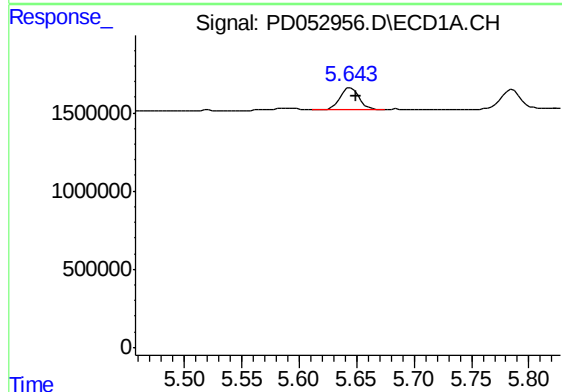
Manual Integrations
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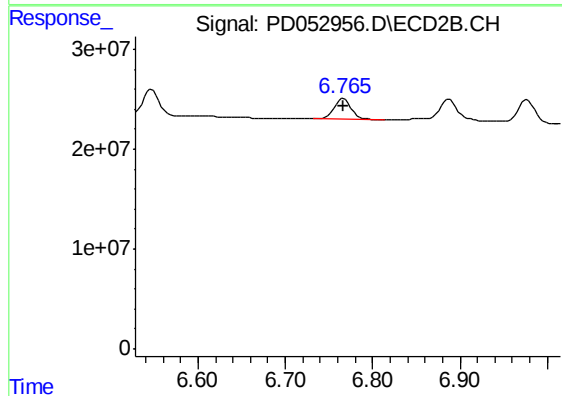
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 34231981
Conc: 1.14 ng/ml



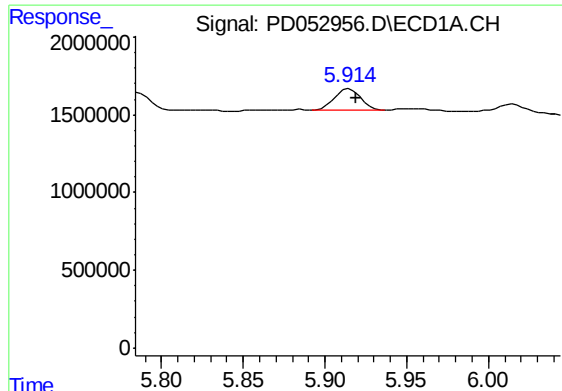
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 1622173
Conc: 0.88 ng/ml



#14 Endrin

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 27774815
Conc: 1.11 ng/ml



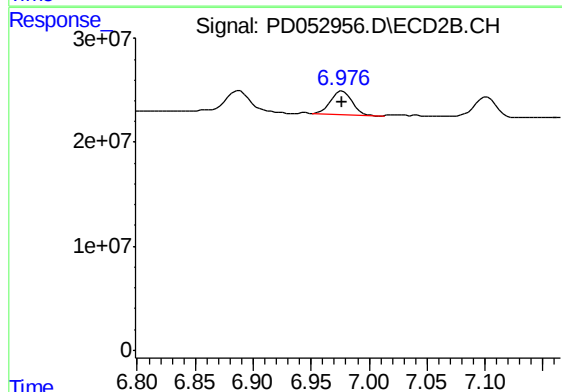
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.006 min
Response: 1607596
Conc: 0.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

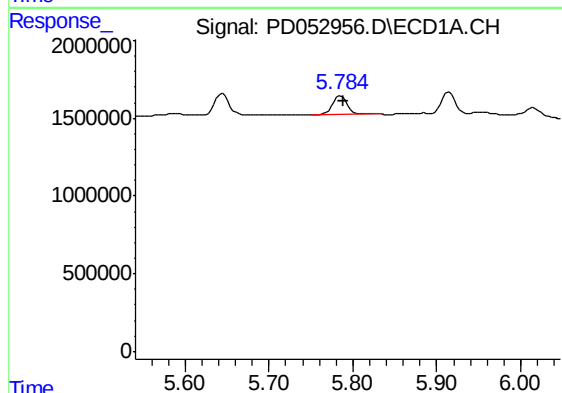
Manual Integrations
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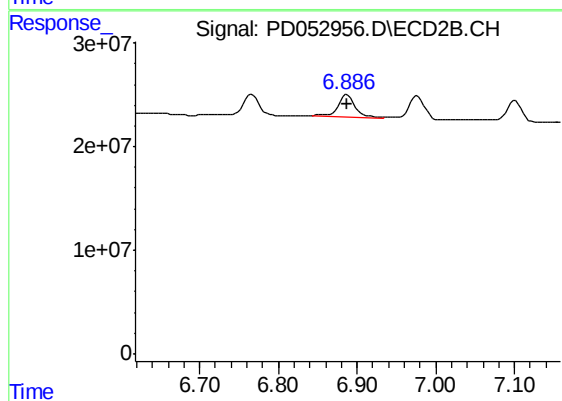
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 29590485
Conc: 1.19 ng/ml



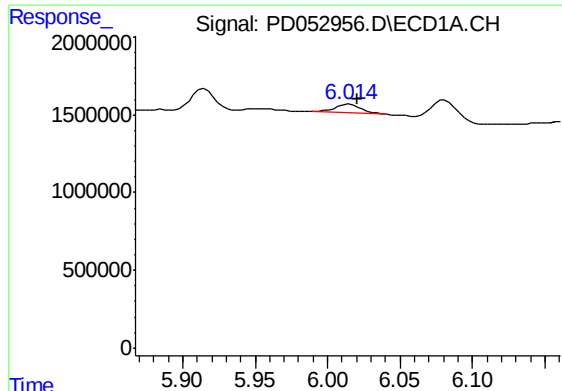
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 1486170
Conc: 0.97 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 31778465
Conc: 1.33 ng/ml



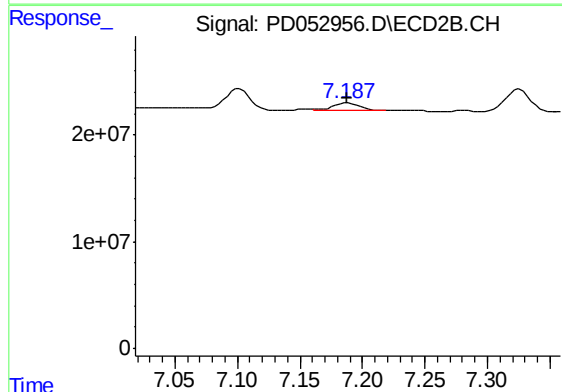
#17 4,4'-DDT

R.T.: 6.014 min
Delta R.T.: -0.007 min
Response: 644292
Conc: 0.45 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

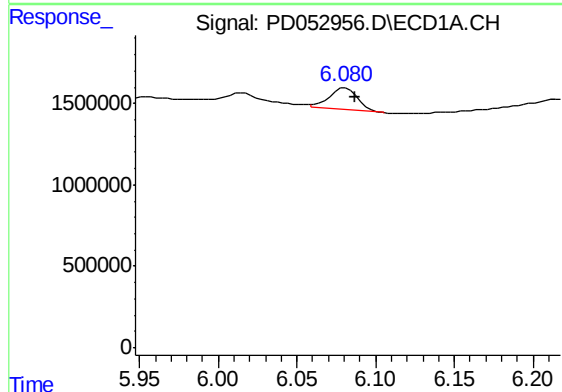
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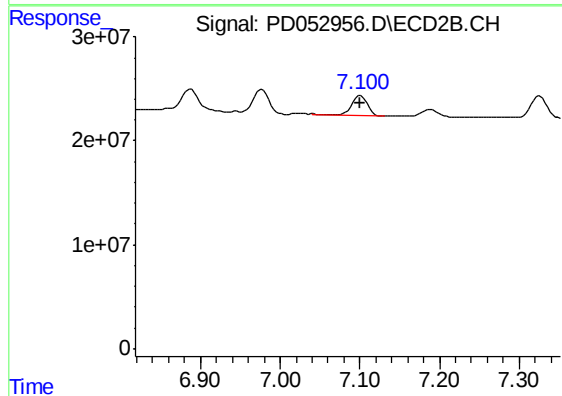
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 10309199
Conc: 0.55 ng/ml m



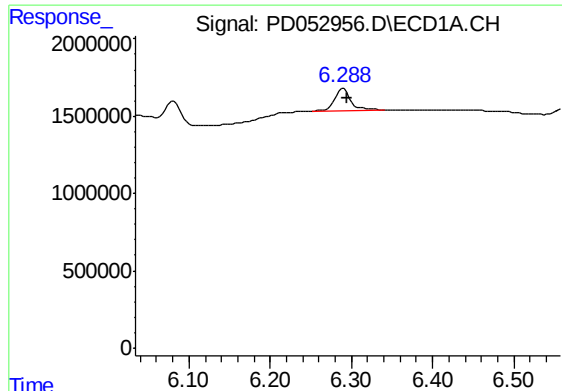
#18 Endrin aldehyde

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 1669320
Conc: 1.16 ng/ml m



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 26794080
Conc: 1.30 ng/ml



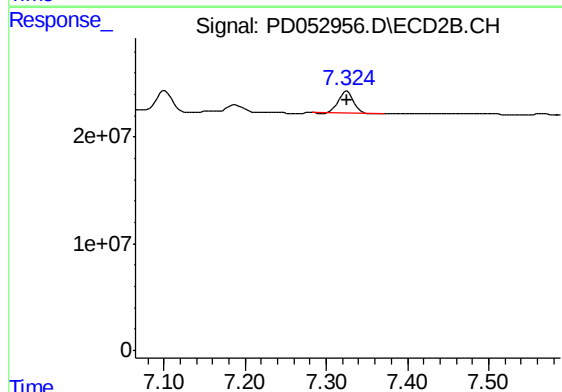
#19 Endosulfan Sulfate

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 2030024
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

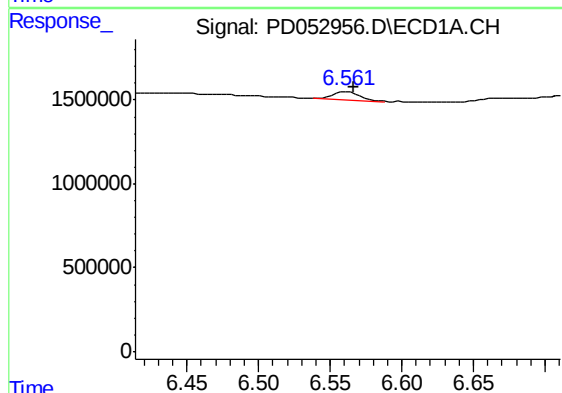
Manual Integrations
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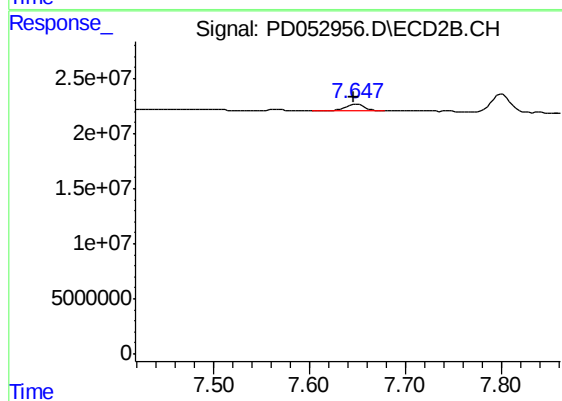
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 27463307
Conc: 1.25 ng/ml



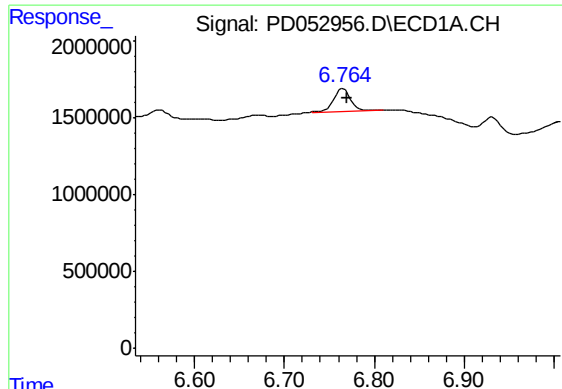
#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.006 min
Response: 627348
Conc: 0.74 ng/ml m



#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 8178068
Conc: 0.82 ng/ml



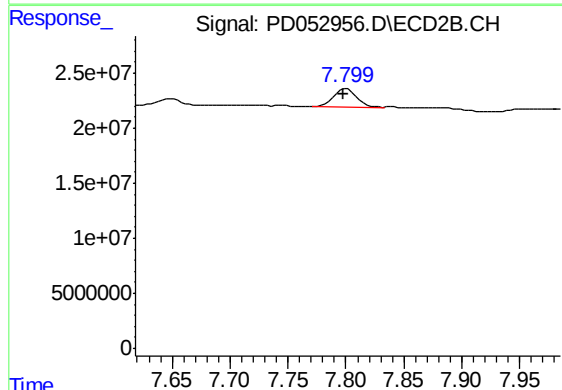
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 1877007
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

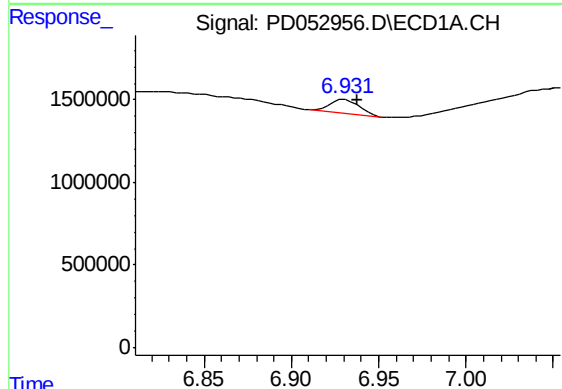
Manual Integrations
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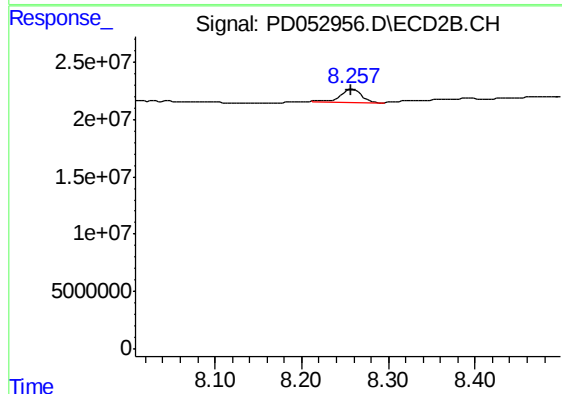
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 23096795
Conc: 1.13 ng/ml



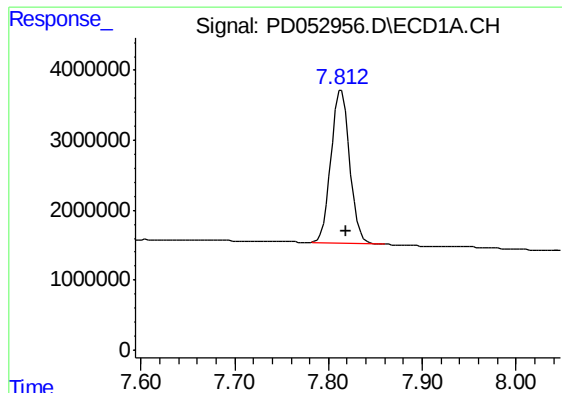
#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.007 min
Response: 951692
Conc: 0.78 ng/ml m



#22 Mirex

R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 18410428
Conc: 1.43 ng/ml



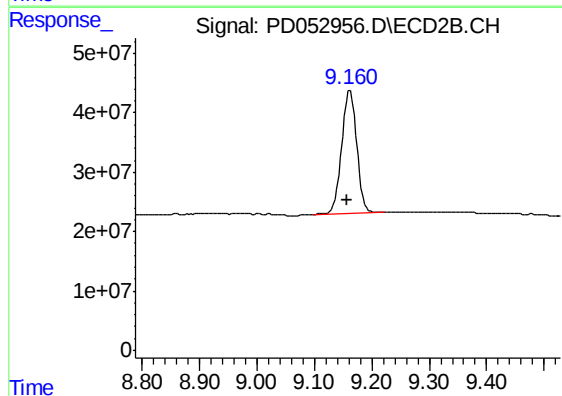
#28 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: -0.005 min
Response: 30259538
Conc: 22.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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#28 Decachlorobiphenyl

R.T.: 9.162 min
Delta R.T.: 0.005 min
Response: 381133710
Conc: 24.51 ng/ml