

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054006.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 23:02
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 1 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:58:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 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...	3.313	3.983	12413238	19467476	21.568	22.348
28)	SA Decachlor...	8.007	9.024	15404631	22144492	22.884	23.887
Target Compounds							
2)	A alpha-BHC	3.743	4.370	906855	1192765	1.047	0.946
3)	MA gamma-BHC...	4.020	4.652	977470	1181810	1.192	0.964
4)	MA Heptachlor	4.307	5.161	699072	1430248	0.959	1.142
5)	MB Aldrin	4.549	5.465	825635	996444	1.039	0.810
6)	B beta-BHC	4.268	4.819	327530	569536	0.930m	1.017
7)	B delta-BHC	4.466	5.034	712539	1108987	0.850	0.857m
8)	B Heptachlor...	4.985	5.848	825159	1454753	1.088m	1.203
9)	A Endosulfan I	5.319	6.203	717417	1416856	0.966	1.220 #
10)	B gamma-Chl...	5.208	6.080	768281	1371020	0.945m	1.041m
11)	B alpha-Chl...	5.267	6.152	816520	1422778	1.008	1.096m
12)	B 4,4'-DDE	5.436	6.309	741164	1251032	0.935	1.018
13)	MA Dieldrin	5.560	6.459	754545	1408251	0.929	1.121
14)	MA Endrin	5.813	6.675	819444	1155647	1.094	1.103
15)	B Endosulfa...	6.084	6.883	732325	1323643	0.979m	1.145
16)	A 4,4'-DDD	5.947	6.796	575159	1160291	0.961	1.148
17)	MA 4,4'-DDT	6.186	7.094	275733	859128	0.479	0.872 #
18)	B Endrin al...	6.256	7.004	902665	1144721	1.421	1.151m
19)	B Endosulfa...	6.467	7.227	999063	1313217	1.421	1.208m
20)	A Methoxychlor	6.735	7.550	292128	552612	1.022	1.030
21)	B Endrin ke...	6.952	7.697	616036	1396801	0.769m	1.149 #
22)	Mirex	7.128	8.152	629253	1249475	0.967	1.356 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054006.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 23:02
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 1 PPB
ALS Vial : 46 Sample Multiplier: 1

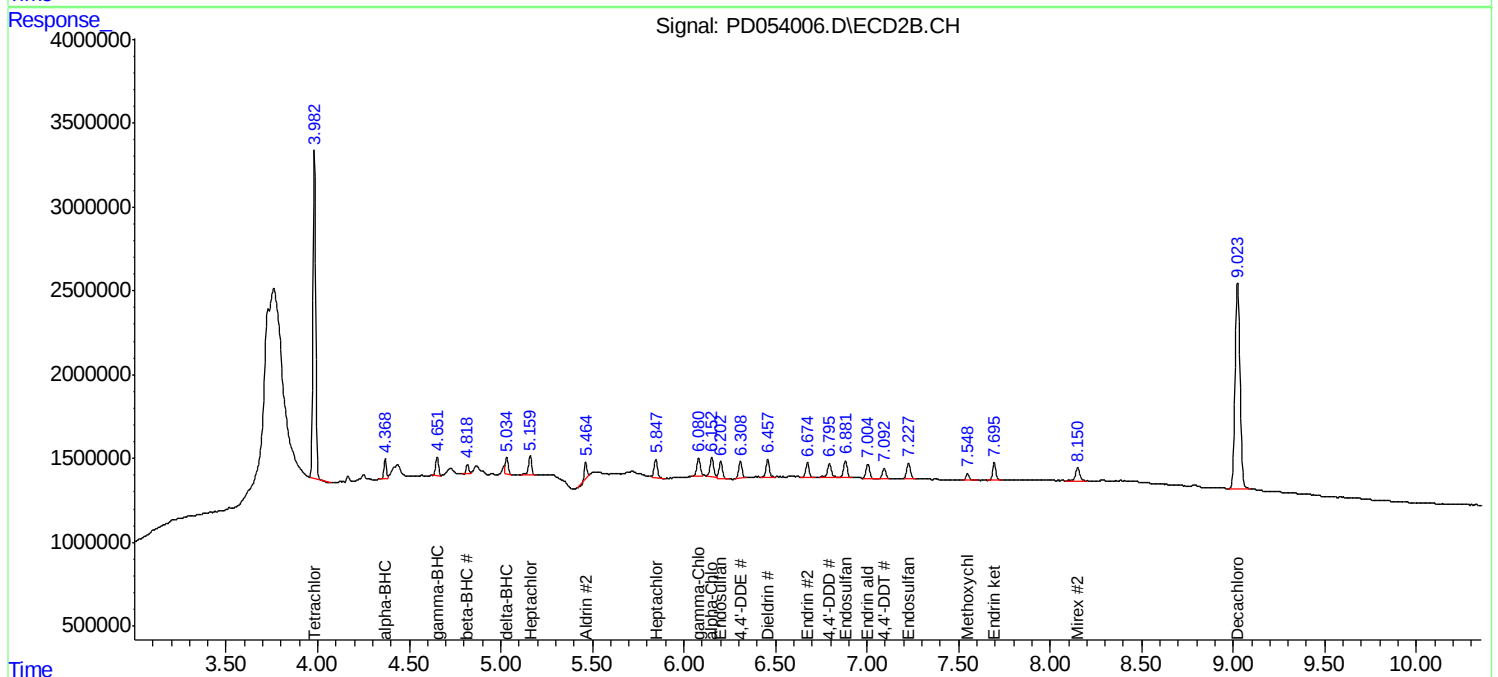
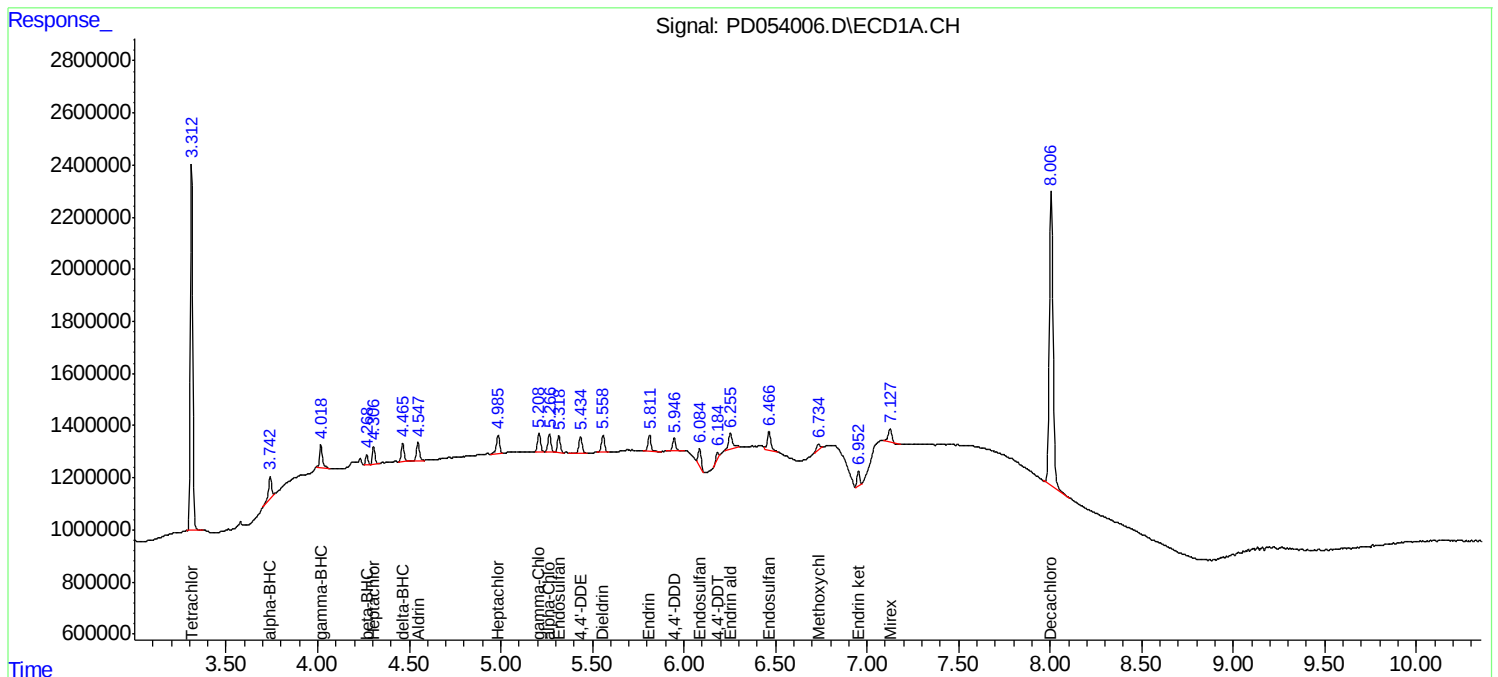
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

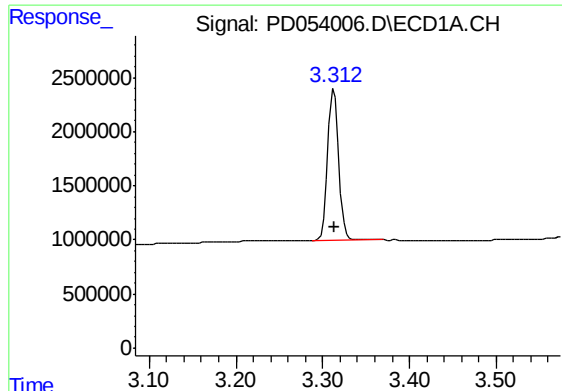
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:58:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response 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





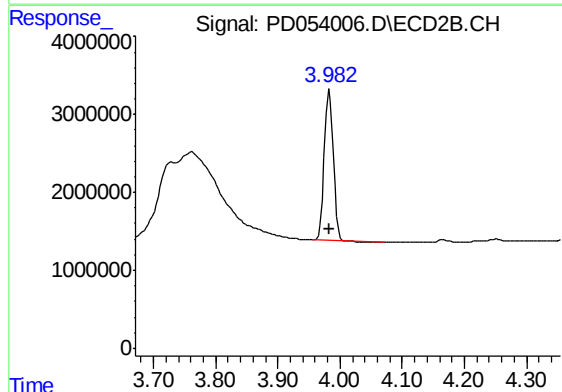
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 12413238
Conc: 21.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

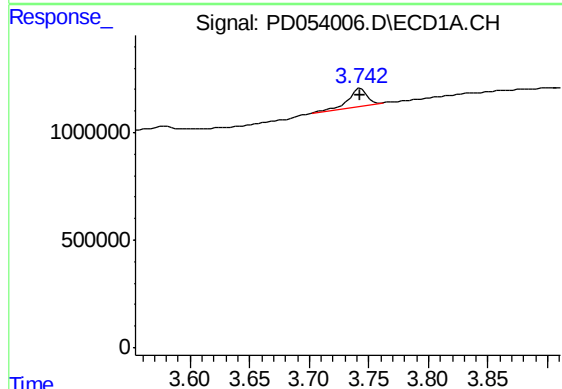
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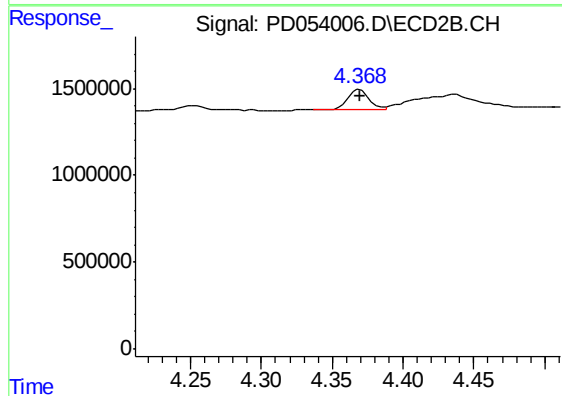
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 19467476
Conc: 22.35 ng/ml



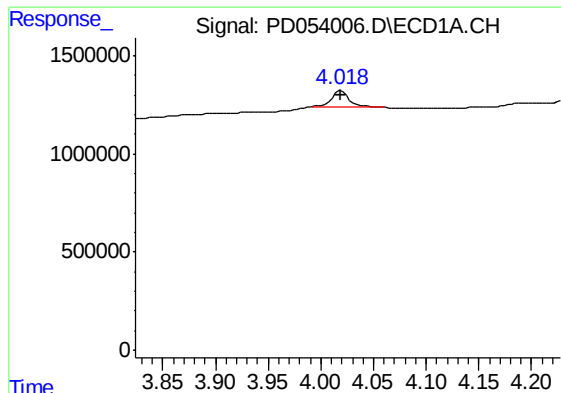
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 906855
Conc: 1.05 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 1192765
Conc: 0.95 ng/ml



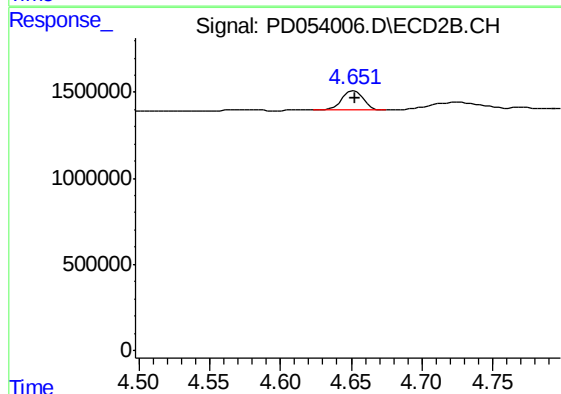
#3 gamma-BHC (Lindane)

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 977470
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

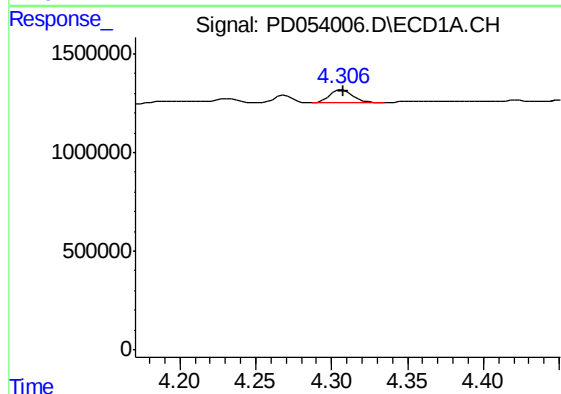
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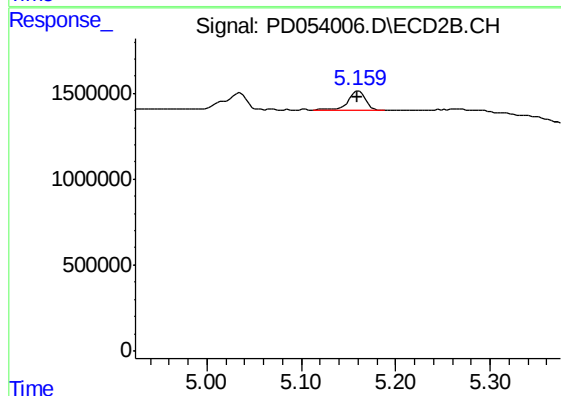
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1181810
Conc: 0.96 ng/ml



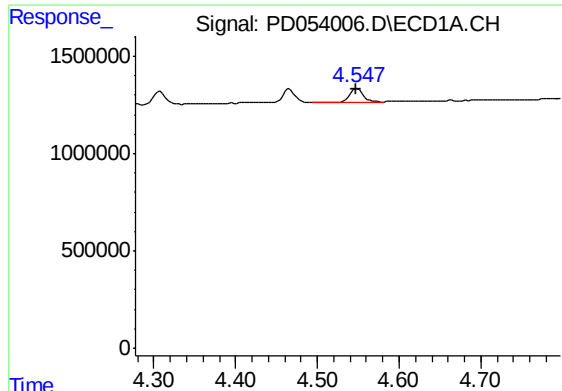
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 699072
Conc: 0.96 ng/ml



#4 Heptachlor

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 1430248
Conc: 1.14 ng/ml



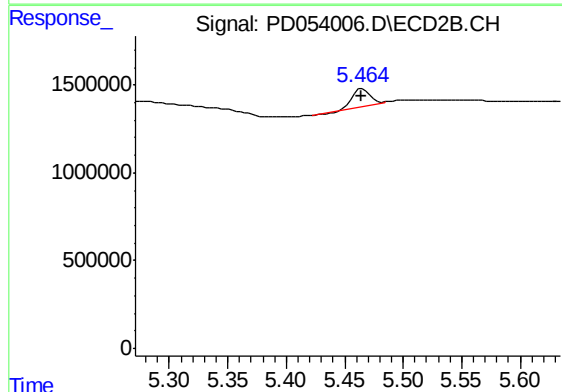
#5 Aldrin

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 825635
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

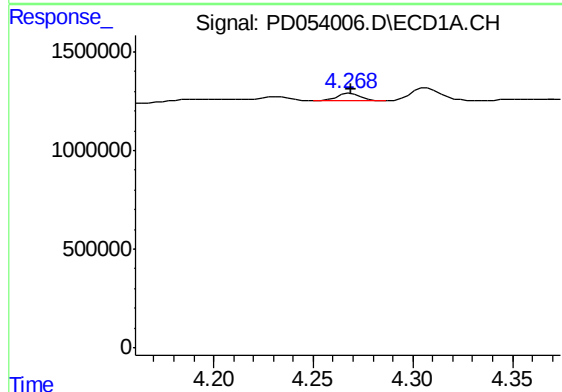
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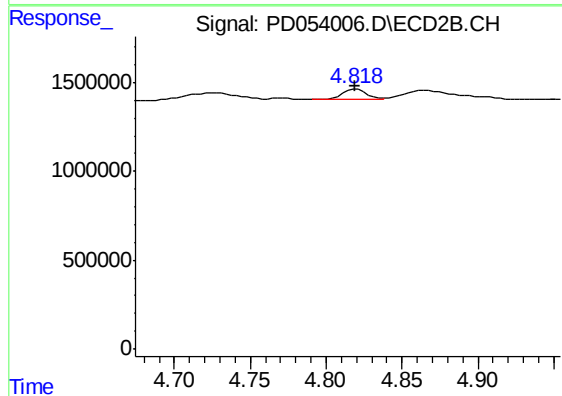
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 996444
Conc: 0.81 ng/ml



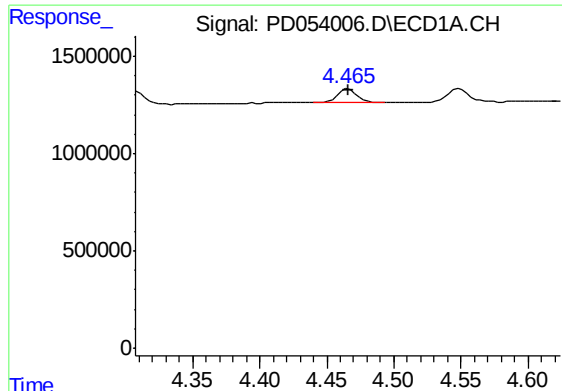
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 327530
Conc: 0.93 ng/ml m



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 569536
Conc: 1.02 ng/ml



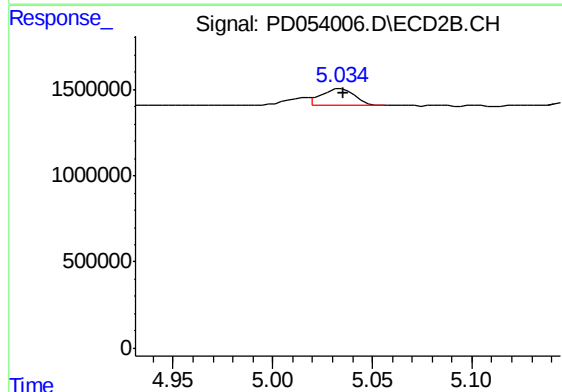
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 712539
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

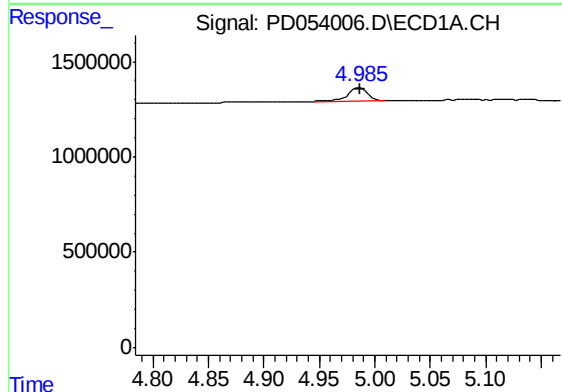
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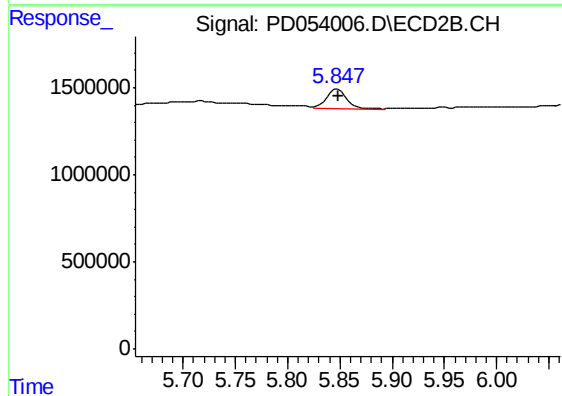
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 1108987
Conc: 0.86 ng/ml m



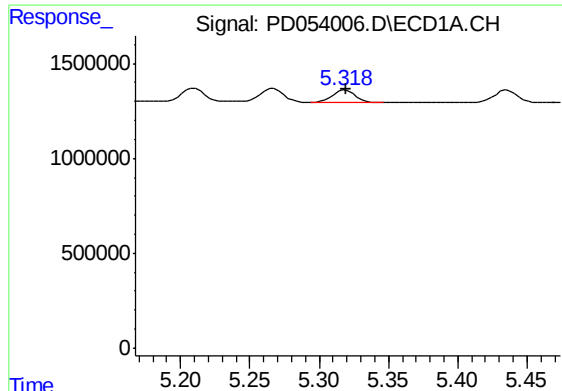
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: -0.002 min
Response: 825159
Conc: 1.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 1454753
Conc: 1.20 ng/ml



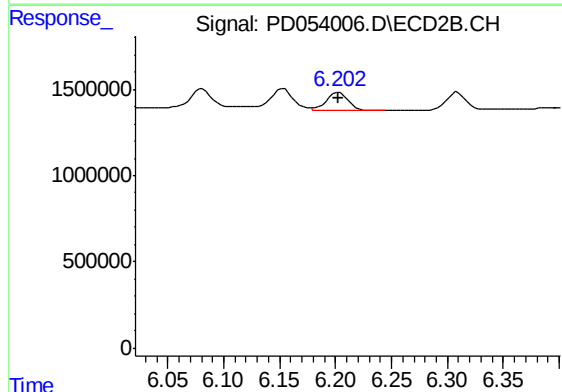
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 717417
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

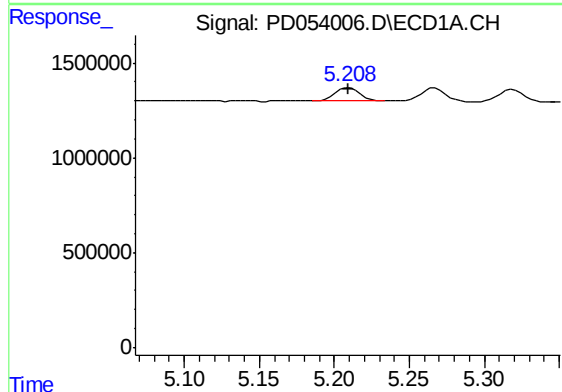
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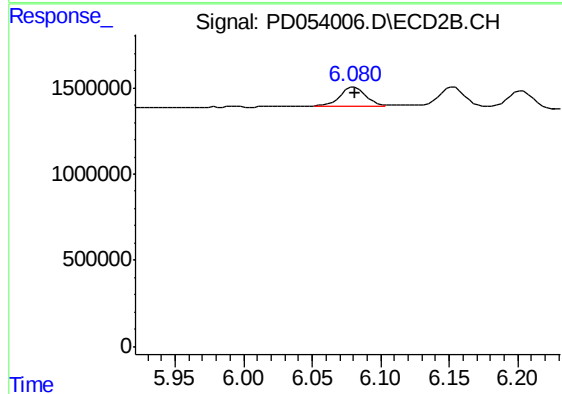
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1416856
Conc: 1.22 ng/ml



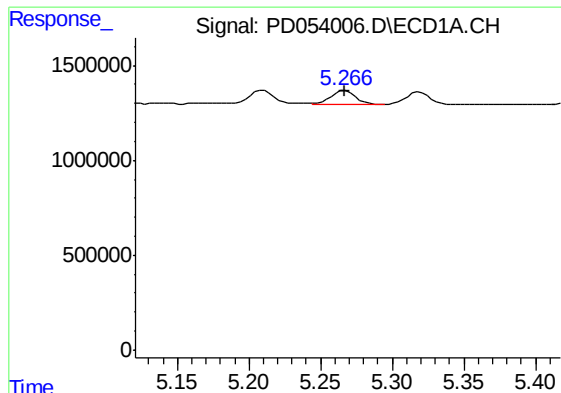
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 768281
Conc: 0.94 ng/ml m



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1371020
Conc: 1.04 ng/ml m



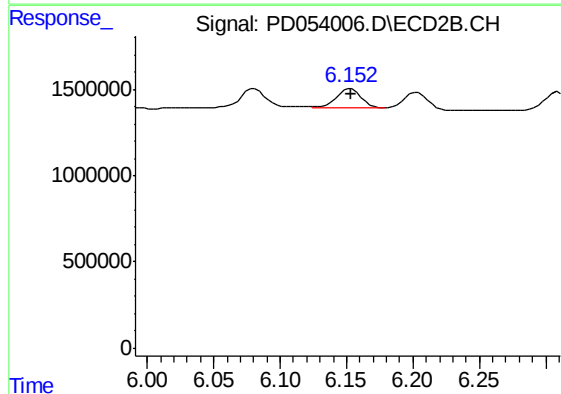
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 816520
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

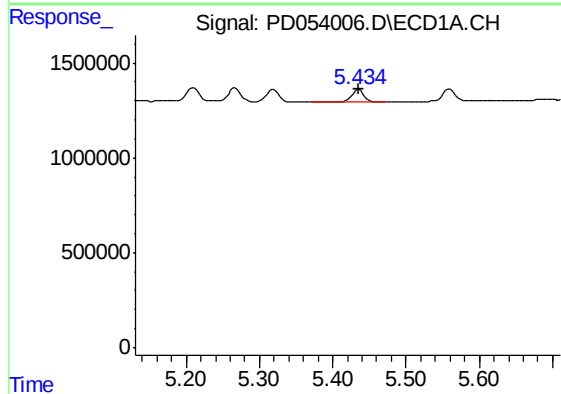
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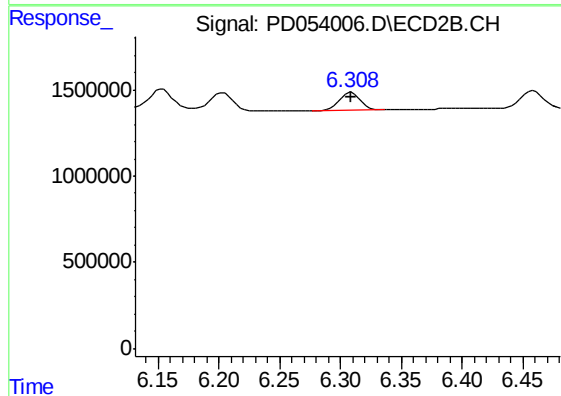
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 1422778
Conc: 1.10 ng/ml m



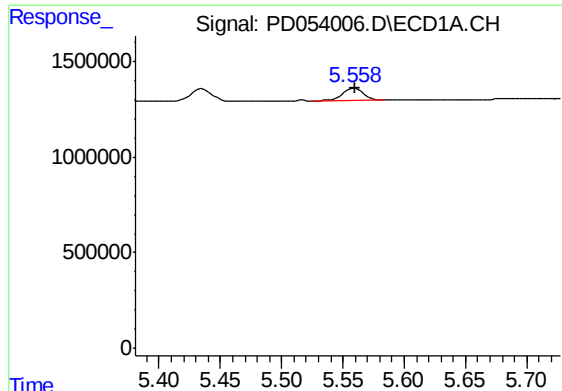
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 741164
Conc: 0.94 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1251032
Conc: 1.02 ng/ml



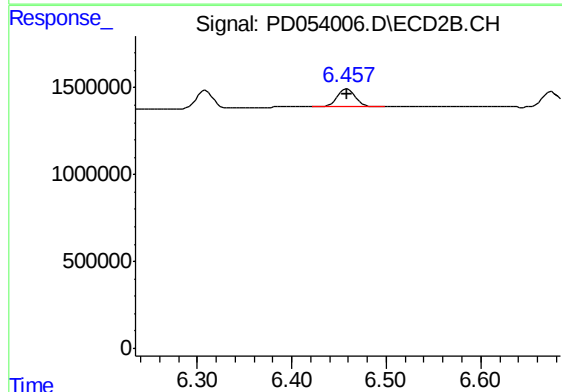
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 754545
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

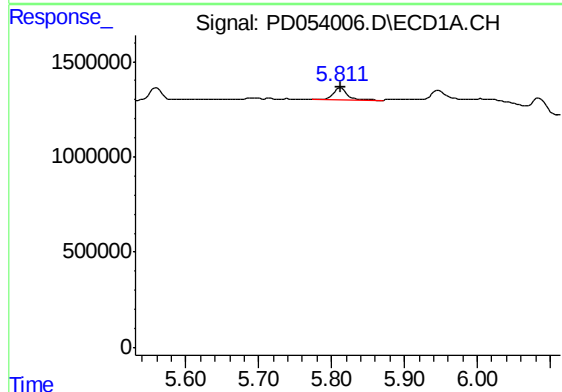
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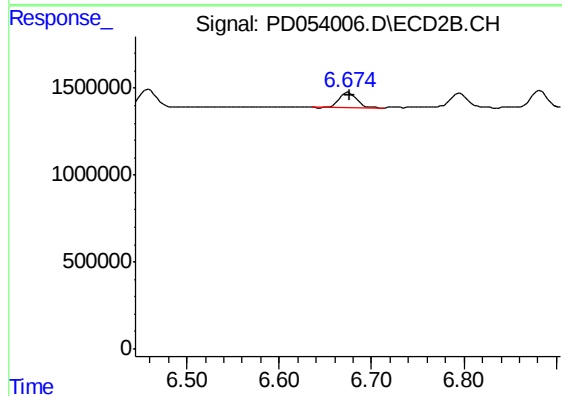
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 1408251
Conc: 1.12 ng/ml



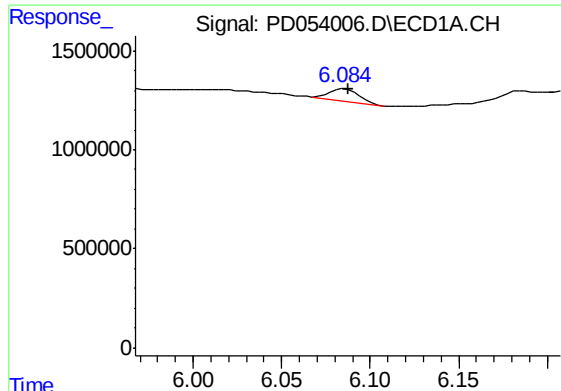
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 819444
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 1155647
Conc: 1.10 ng/ml



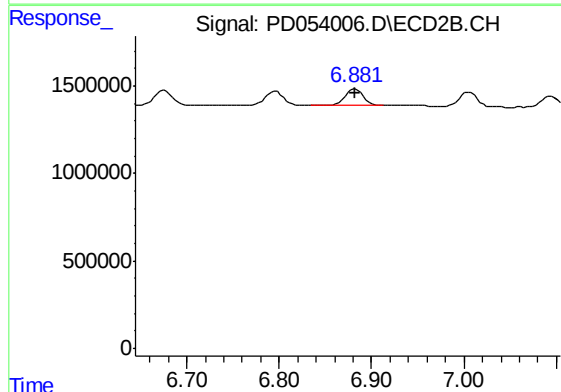
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 732325
Conc: 0.98 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

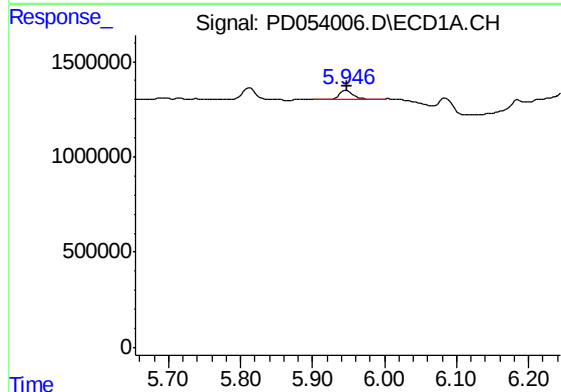
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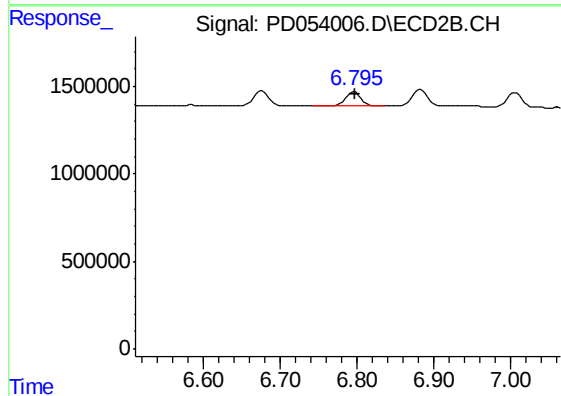
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 1323643
Conc: 1.14 ng/ml



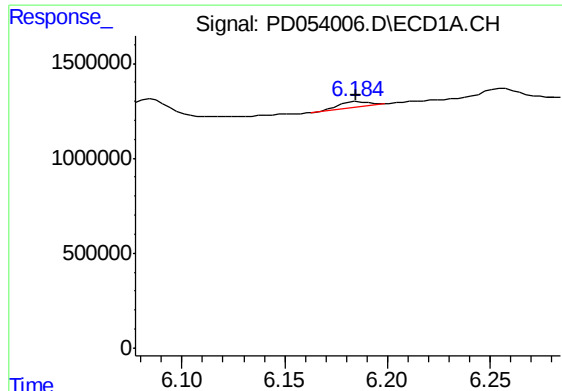
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 575159
Conc: 0.96 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 1160291
Conc: 1.15 ng/ml



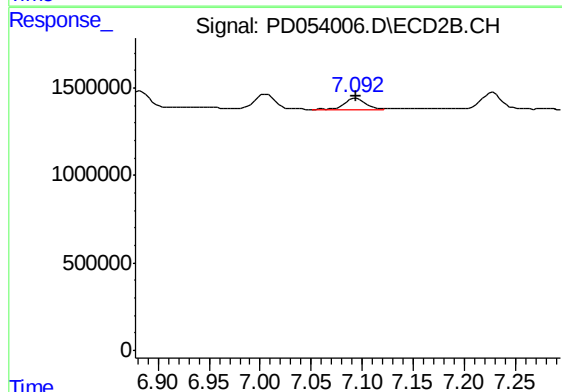
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 275733
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

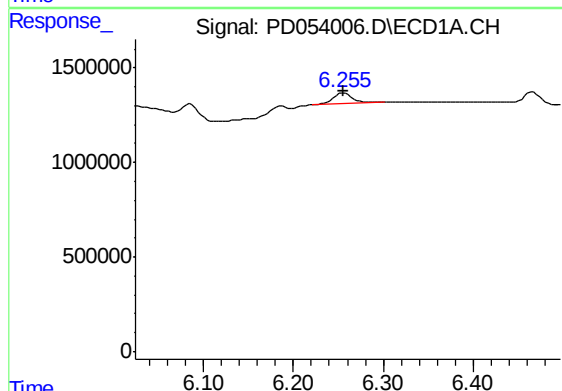
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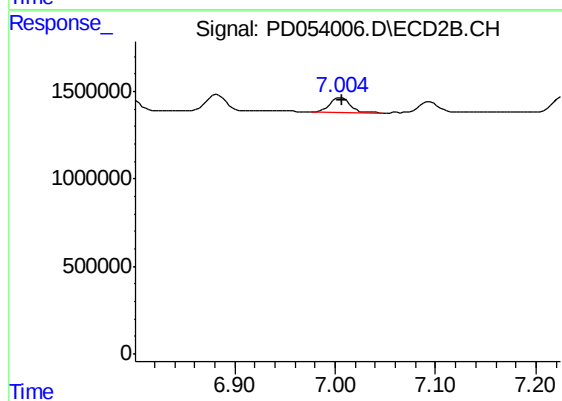
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 859128
Conc: 0.87 ng/ml



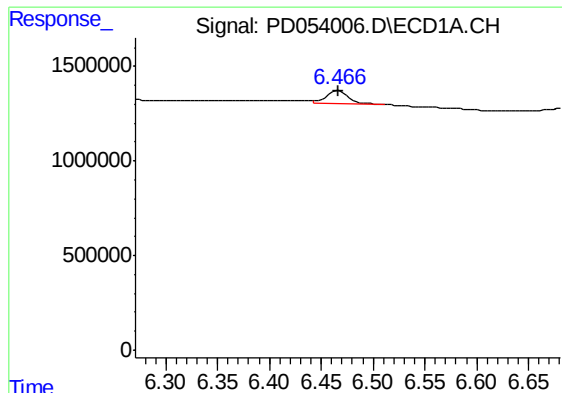
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 902665
Conc: 1.42 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 1144721
Conc: 1.15 ng/ml m



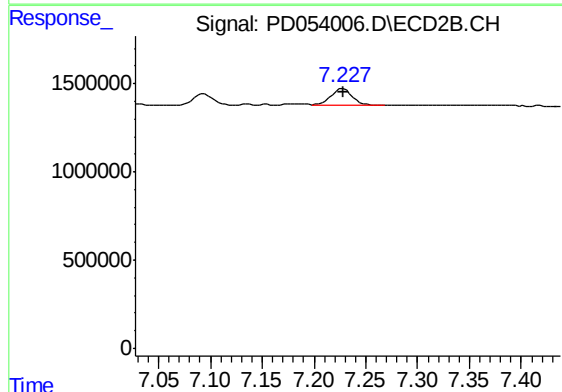
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 999063
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

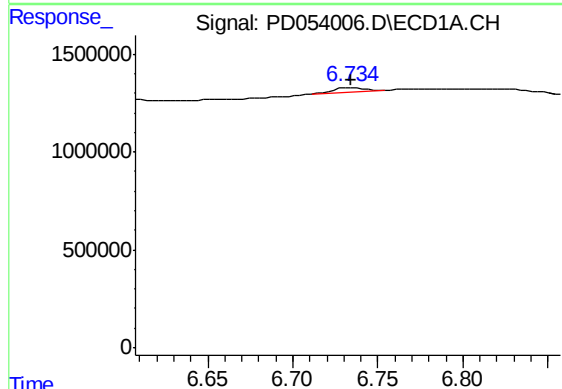
Manual Integrations
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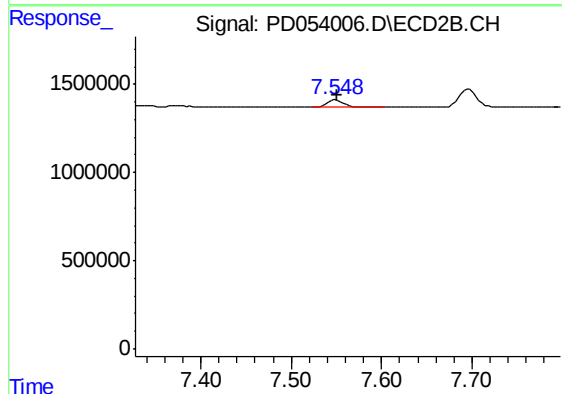
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 1313217
Conc: 1.21 ng/ml m



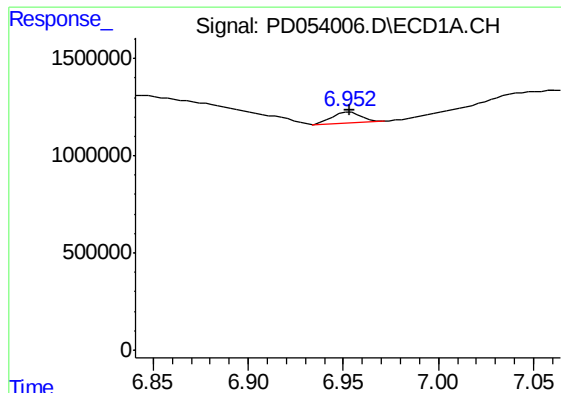
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 292128
Conc: 1.02 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 552612
Conc: 1.03 ng/ml



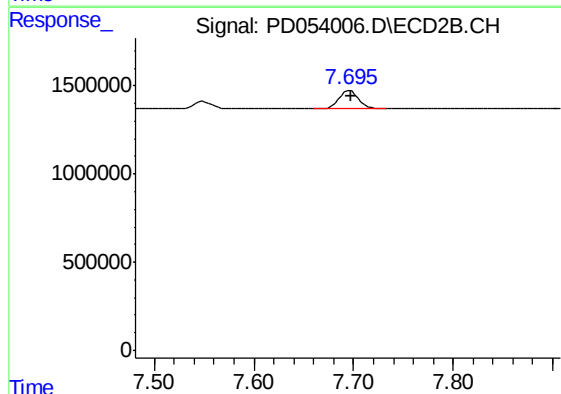
#21 Endrin ketone

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 616036
Conc: 0.77 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

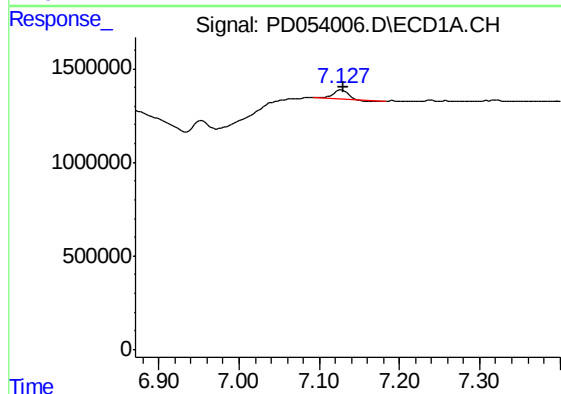
Manual Integrations
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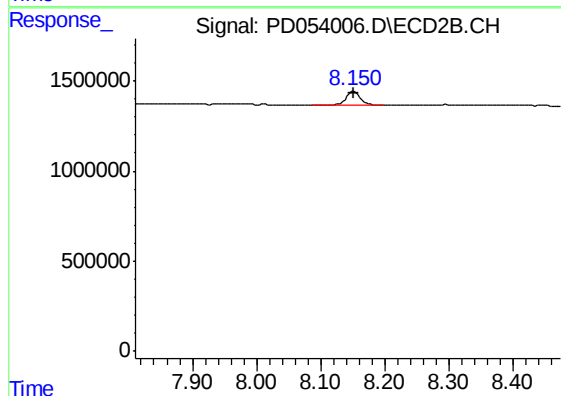
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 1396801
Conc: 1.15 ng/ml



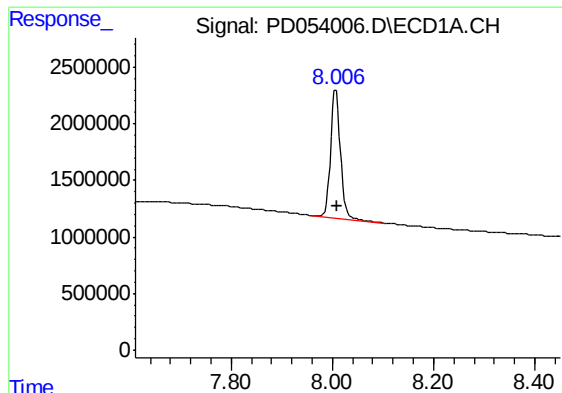
#22 Mirex

R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 629253
Conc: 0.97 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 1249475
Conc: 1.36 ng/ml



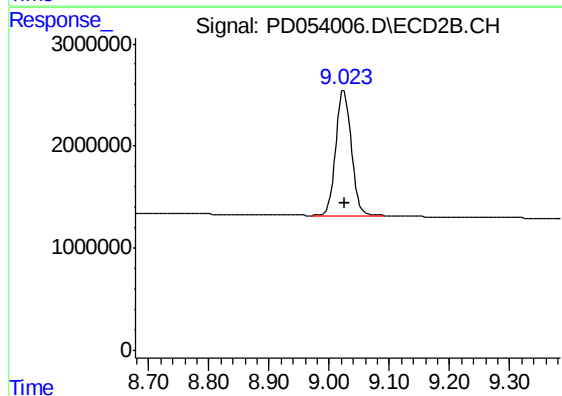
#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.002 min
Response: 15404631
Conc: 22.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 22144492
Conc: 23.89 ng/ml