

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052957.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 15:23
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : LOD 2.5 PPB
 ALS Vial : 21 Sample Multiplier: 1

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

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 02:19:05 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	28108872	582.1E6	20.144	20.082
28)	SA Decachlor...	7.814	9.160	29973661	373.8E6	22.490	24.036
Target Compounds							
2)	A alpha-BHC	3.638	4.434	4844266	117.8E6	2.131	2.617
3)	MA gamma-BHC...	3.906	4.721	5889950	108.7E6	2.694m	2.701
4)	MA Heptachlor	4.183	5.234	5244977	112.1E6	2.470	2.826
5)	MB Aldrin	4.414	5.541	5043492	108.5E6	2.505	2.931
6)	B beta-BHC	4.153	4.892	2445563	55457034	2.771	3.065
7)	B delta-BHC	4.341	5.110	4107707	72050096	2.014	2.190m
8)	B Heptachlor...	4.842	5.929	4922812	95106064	2.590	2.946
9)	A Endosulfan I	5.163	6.288	4517184	87768534	2.528	3.004
10)	B gamma-Chl...	5.058	6.165	5017325	101.2E6	2.573	3.164
11)	B alpha-Chl...	5.115	6.238	5025351	96649880	2.604	3.079
12)	B 4,4'-DDE	5.284	6.394	4278484	86630743	2.294	2.838
13)	MA Dieldrin	5.398	6.547	4707405	87412840	2.435	2.922
14)	MA Endrin	5.645	6.766	4065197	69672402	2.208	2.780 #
15)	B Endosulfa...	5.914	6.976	4171173	75865642	2.430m	3.045 #
16)	A 4,4'-DDD	5.785	6.888	3801334	74707018	2.487	3.124 #
17)	MA 4,4'-DDT	6.015	7.188	2090778	28950746	1.453m	1.554
18)	B Endrin al...	6.082	7.101	4109173	64529071	2.866	3.135
19)	B Endosulfa...	6.290	7.325	4485582	70171450	2.925	3.190
20)	A Methoxychlor	6.561	7.647	1645128	23353394	1.947	2.335
21)	B Endrin ke...	6.765	7.800	4764720	59396657	2.620	2.899
22)	Mirex	6.931	8.258	3161251	42295275	2.581	3.280 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052957.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 15:23
Operator : AJ\SJ
Sample : K2241-07
Misc : LOD 2.5 PPB
ALS Vial : 21 Sample Multiplier: 1

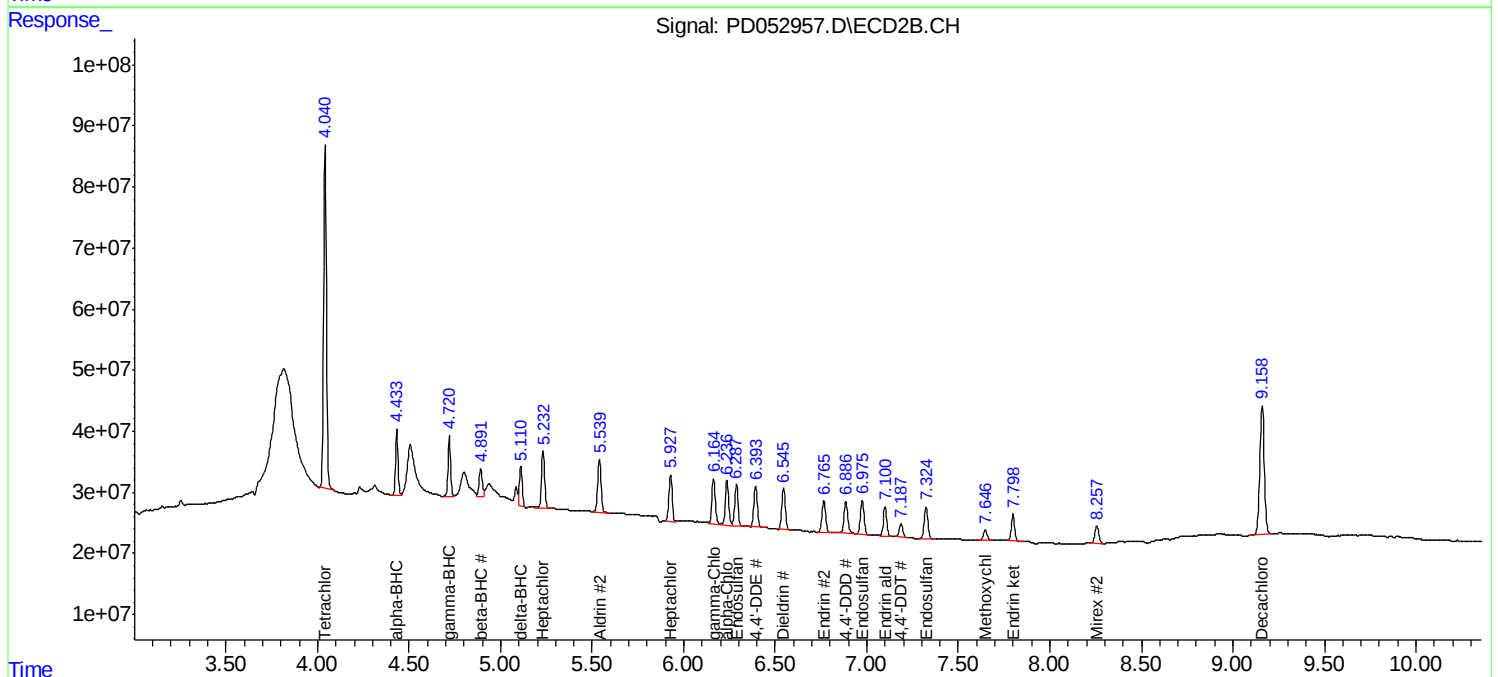
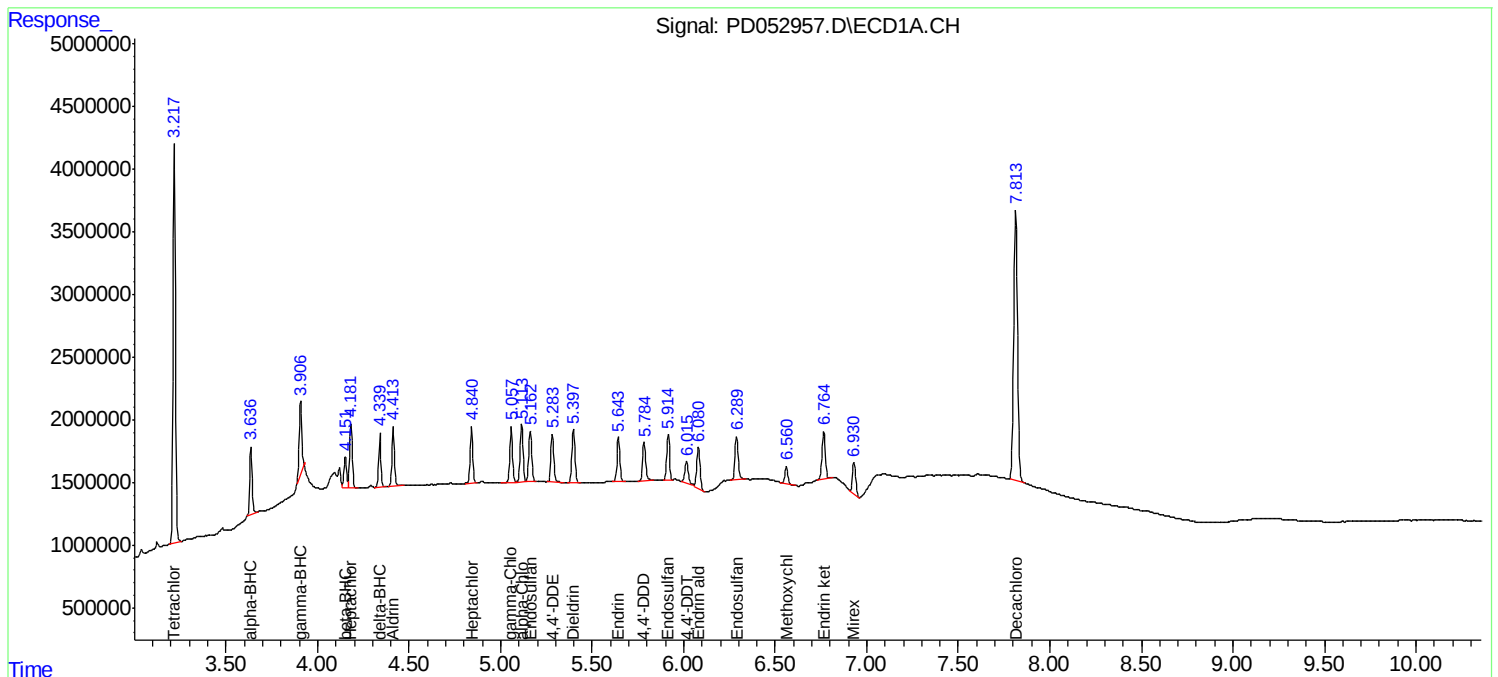
Instrument :
ECD_D
ClientSampled :
LOD-MDL-WATER-01-QT2-2019

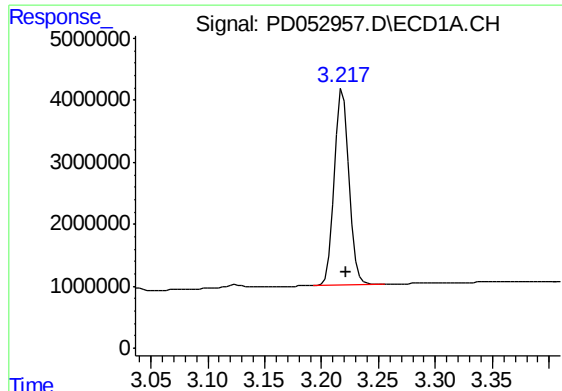
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:19:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response 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





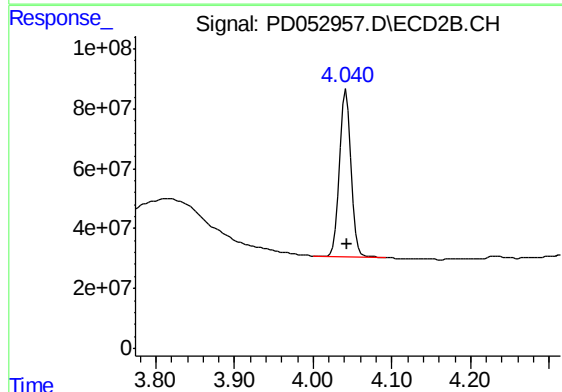
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28108872
Conc: 20.14 ng/ml

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

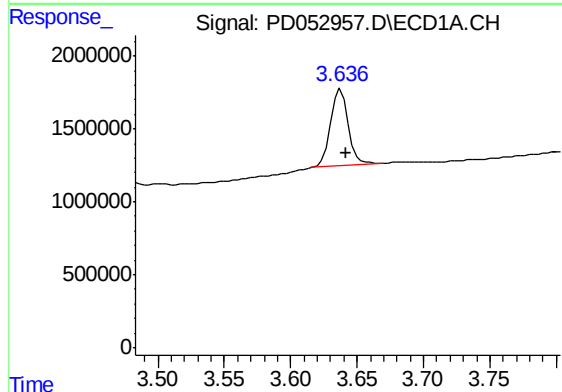
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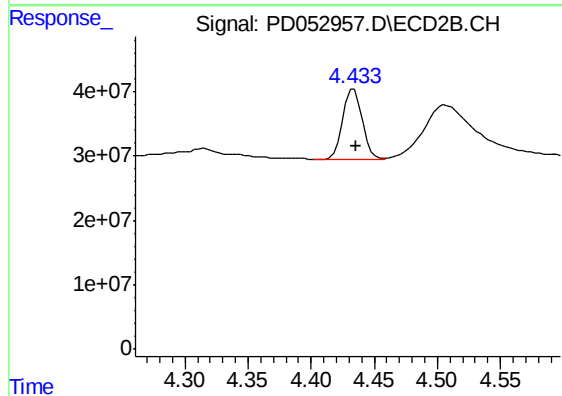
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 582054690
Conc: 20.08 ng/ml



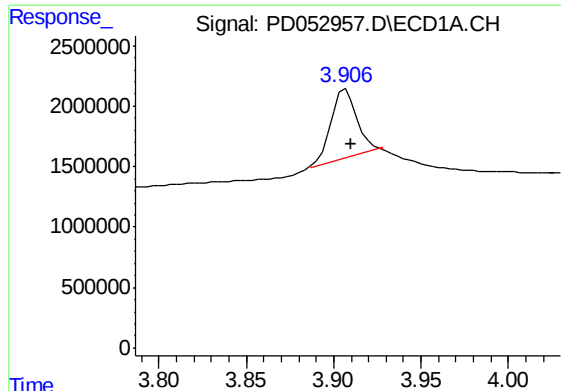
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.004 min
Response: 4844266
Conc: 2.13 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 117784741
Conc: 2.62 ng/ml



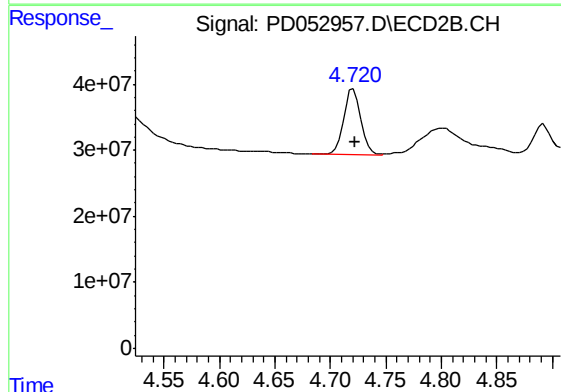
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.004 min
Response: 5889950
Conc: 2.69 ng/ml m

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

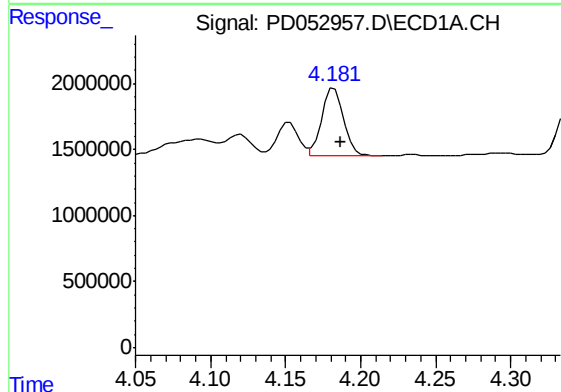
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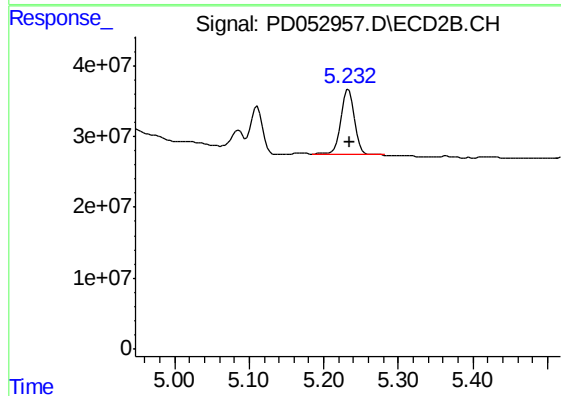
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 108661754
Conc: 2.70 ng/ml



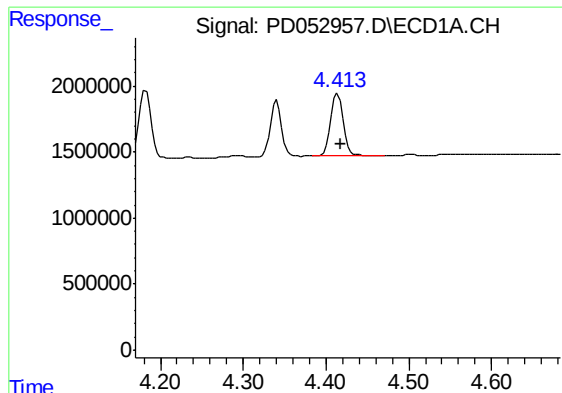
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 5244977
Conc: 2.47 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 112129090
Conc: 2.83 ng/ml



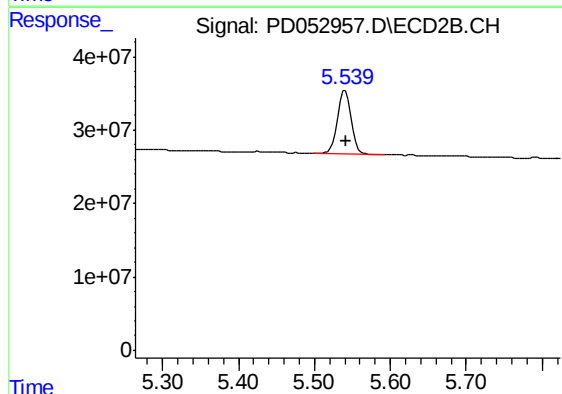
#5 Aldrin

R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 5043492
Conc: 2.50 ng/ml

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

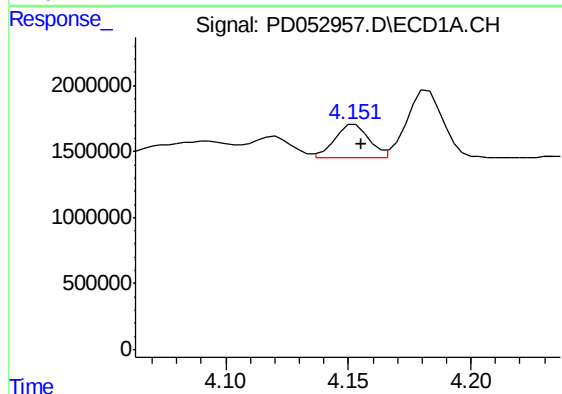
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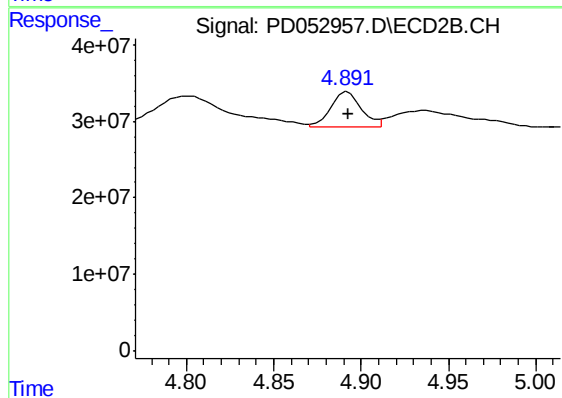
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 108509324
Conc: 2.93 ng/ml



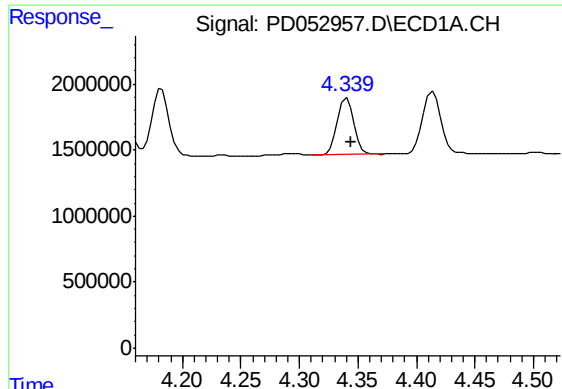
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 2445563
Conc: 2.77 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 55457034
Conc: 3.06 ng/ml



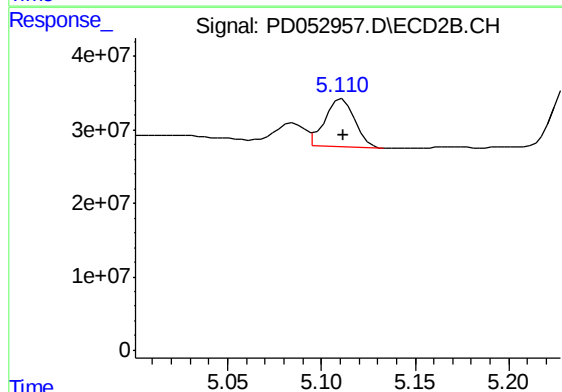
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 4107707
Conc: 2.01 ng/ml

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

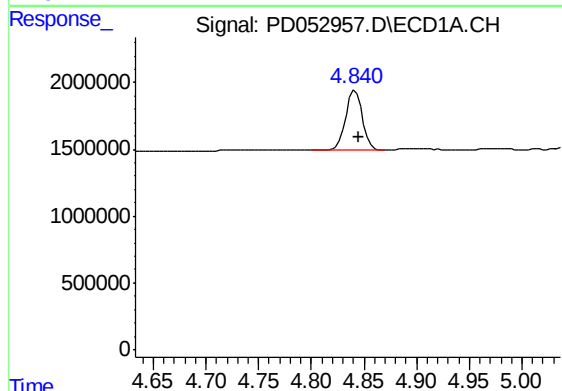
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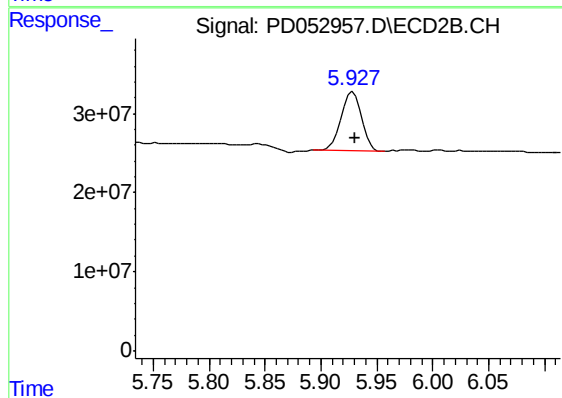
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 72050096
Conc: 2.19 ng/ml m



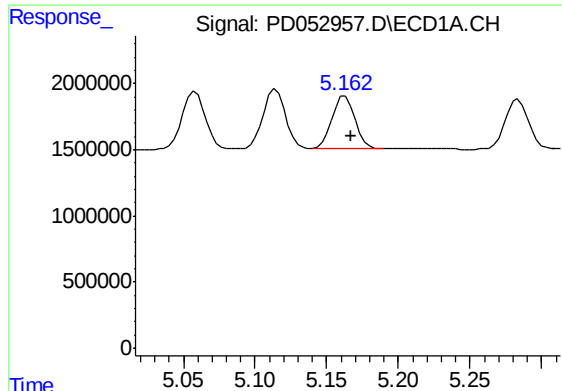
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 4922812
Conc: 2.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 95106064
Conc: 2.95 ng/ml



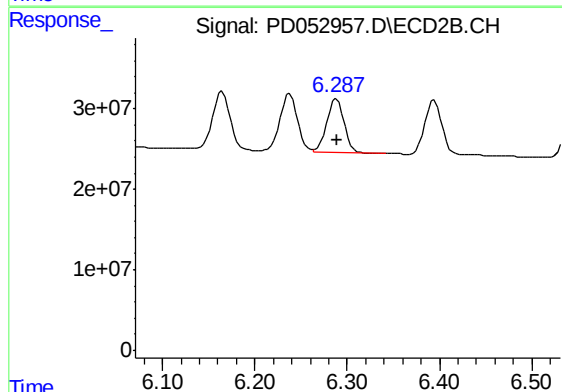
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 4517184
Conc: 2.53 ng/ml

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

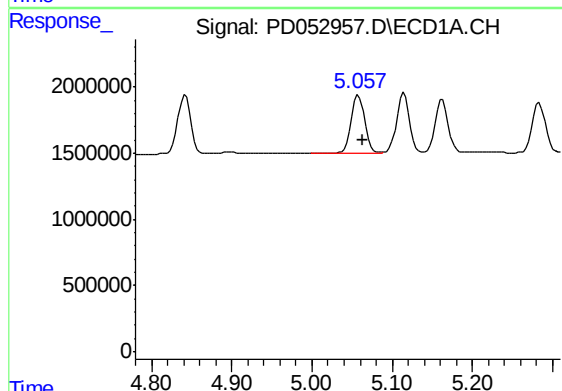
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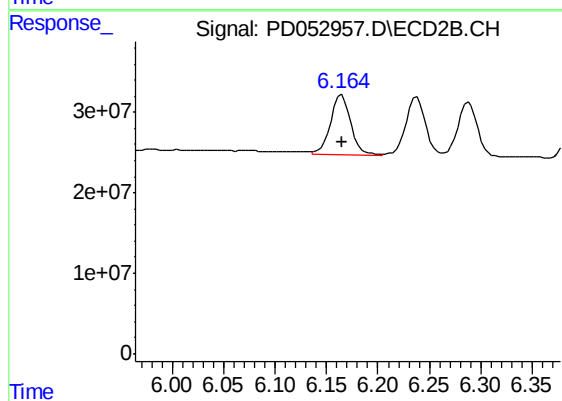
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 87768534
Conc: 3.00 ng/ml



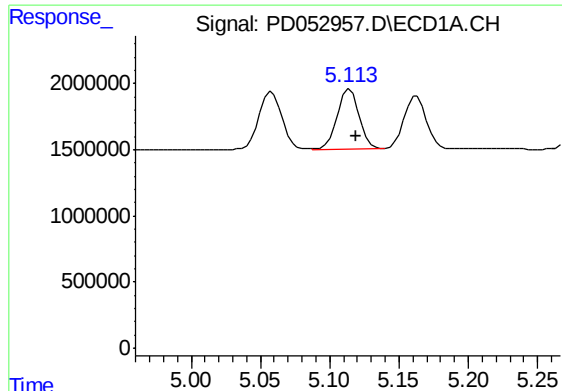
#10 gamma-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 5017325
Conc: 2.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 101220951
Conc: 3.16 ng/ml



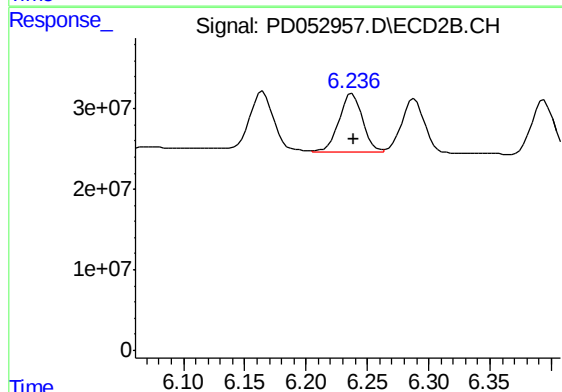
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 5025351
Conc: 2.60 ng/ml

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

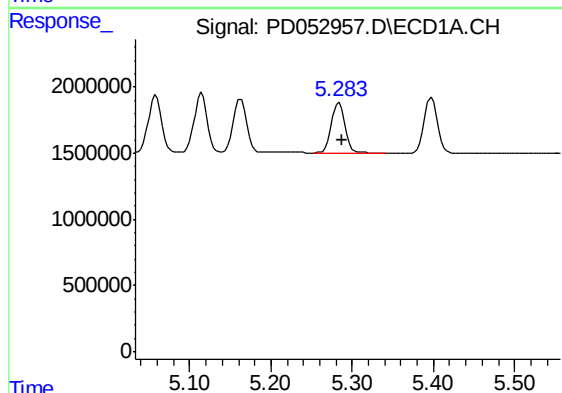
Manual Integrations
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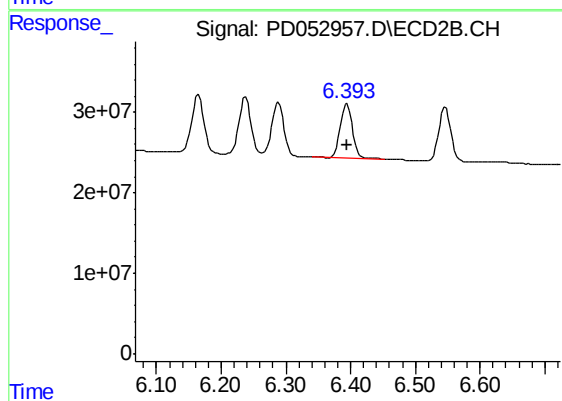
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 96649880
Conc: 3.08 ng/ml



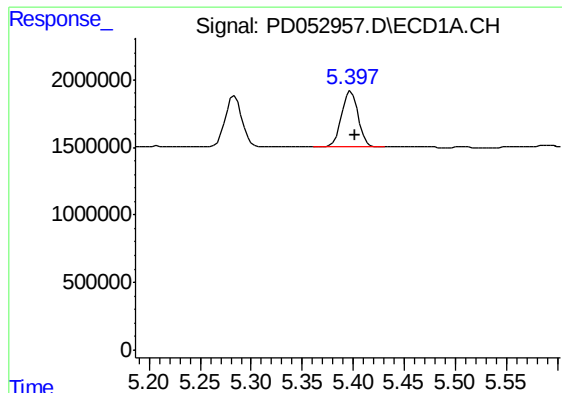
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 4278484
Conc: 2.29 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 86630743
Conc: 2.84 ng/ml



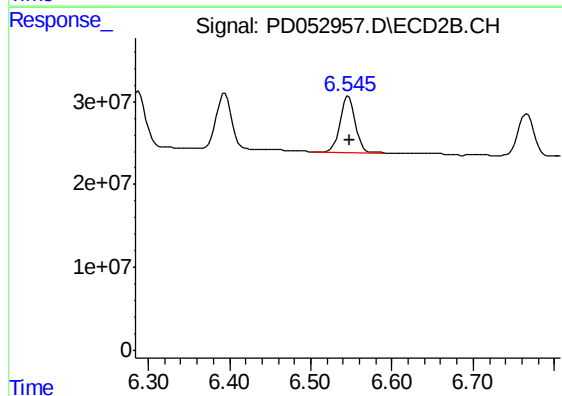
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 4707405
Conc: 2.43 ng/ml

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

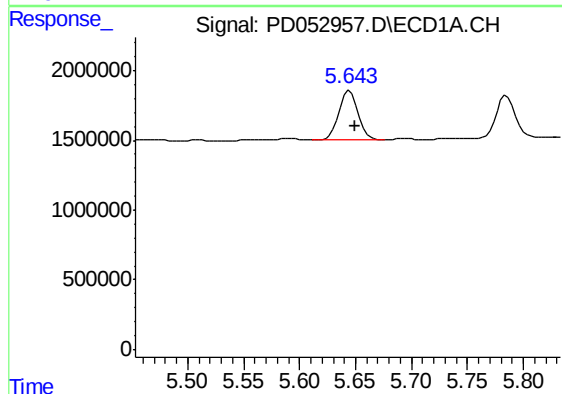
Manual Integrations
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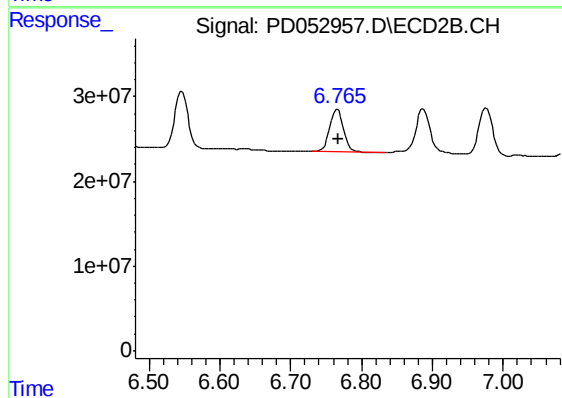
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 87412840
Conc: 2.92 ng/ml



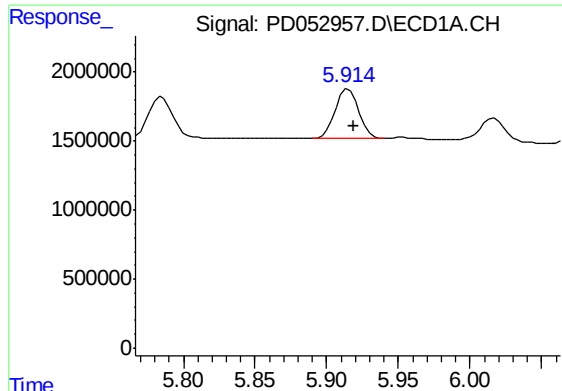
#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 4065197
Conc: 2.21 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 69672402
Conc: 2.78 ng/ml



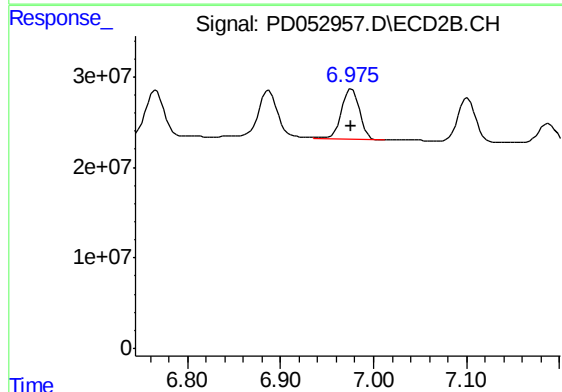
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.005 min
Response: 4171173
Conc: 2.43 ng/ml m

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

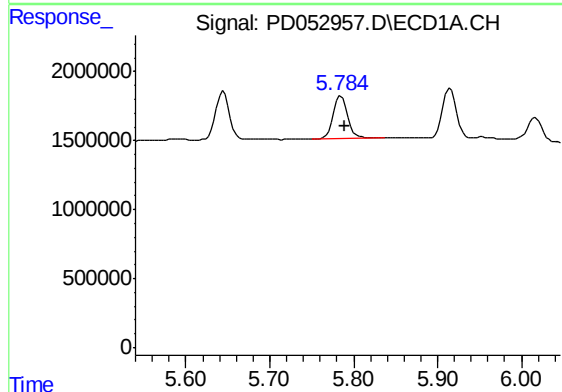
Manual Integrations
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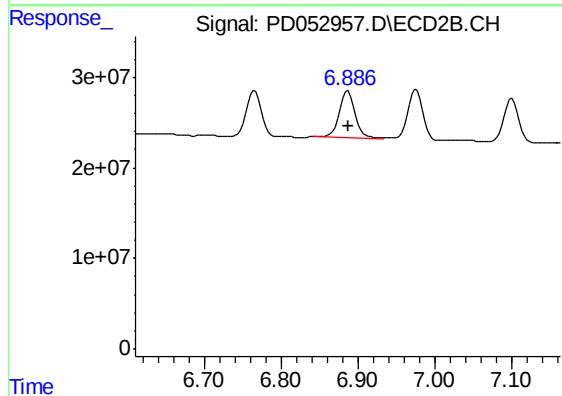
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 75865642
Conc: 3.04 ng/ml



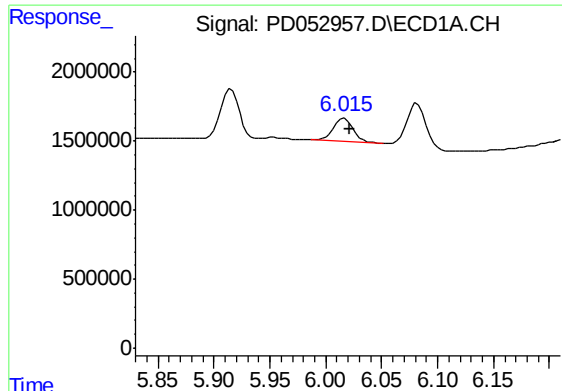
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 3801334
Conc: 2.49 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 74707018
Conc: 3.12 ng/ml



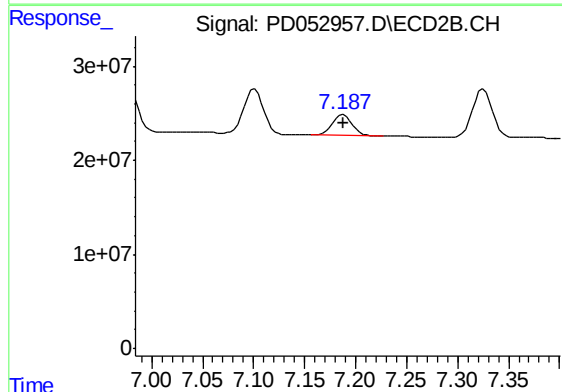
#17 4,4'-DDT

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 2090778
Conc: 1.45 ng/ml m

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

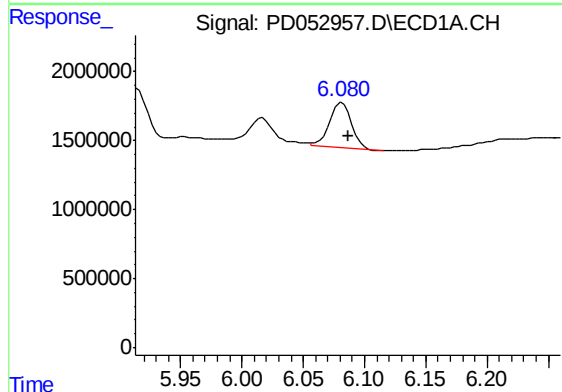
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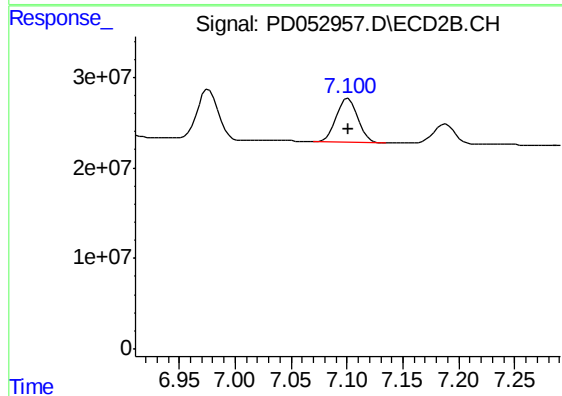
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 28950746
Conc: 1.55 ng/ml



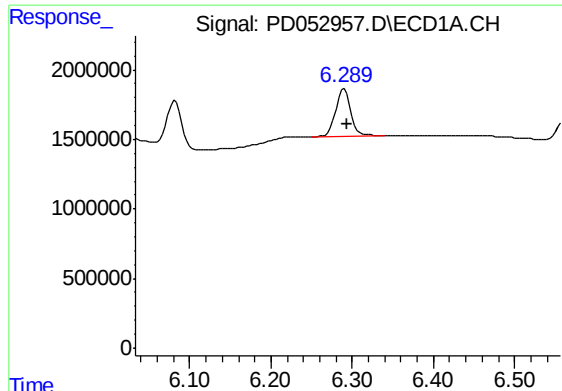
#18 Endrin aldehyde

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 4109173
Conc: 2.87 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 64529071
Conc: 3.13 ng/ml



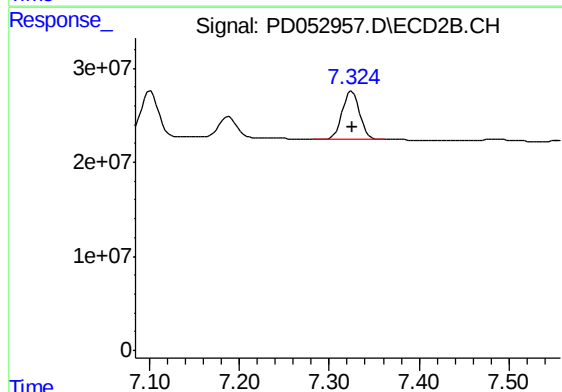
#19 Endosulfan Sulfate

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 4485582
Conc: 2.93 ng/ml

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

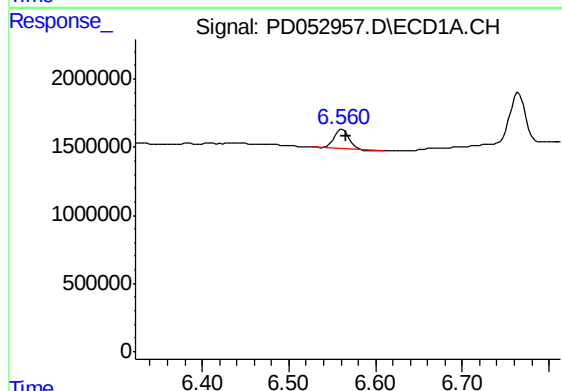
Manual Integrations
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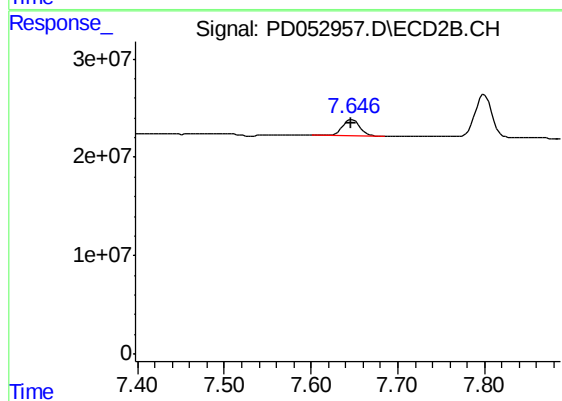
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 70171450
Conc: 3.19 ng/ml



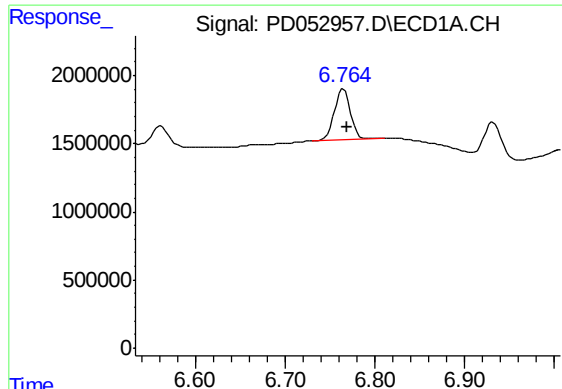
#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 1645128
Conc: 1.95 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 23353394
Conc: 2.33 ng/ml



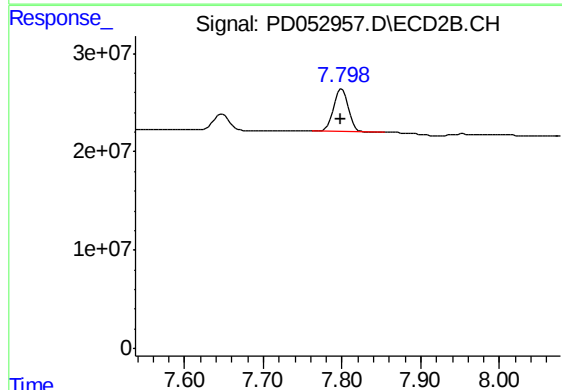
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.005 min
Response: 4764720
Conc: 2.62 ng/ml

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

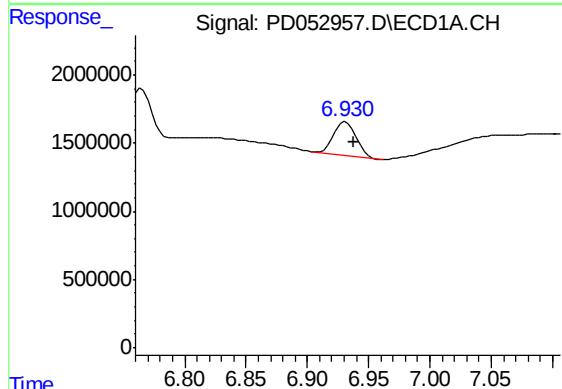
Manual Integrations
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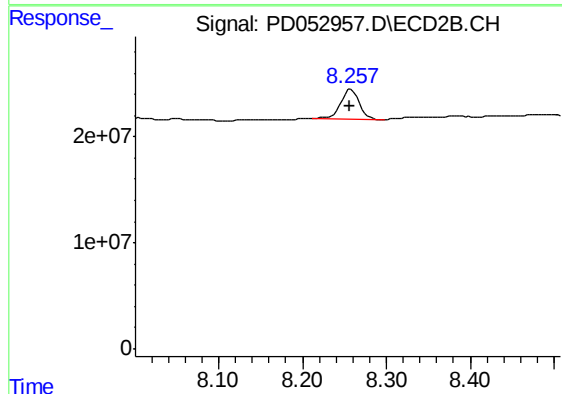
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 59396657
Conc: 2.90 ng/ml



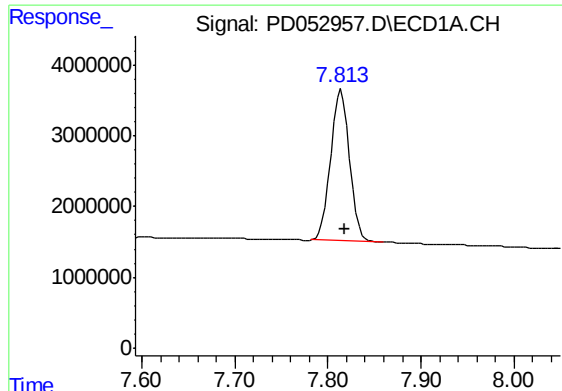
#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.006 min
Response: 3161251
Conc: 2.58 ng/ml



#22 Mirex

R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 42295275
Conc: 3.28 ng/ml



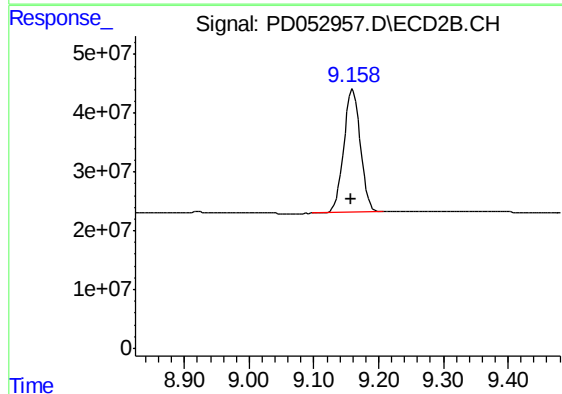
#28 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: -0.004 min
Response: 29973661
Conc: 22.49 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.160 min
Delta R.T.: 0.003 min
Response: 373786123
Conc: 24.04 ng/ml