

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052633.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Apr 2019 4:16
 Operator : AJ\SJ
 Sample : K1560-09
 Misc : PEST LOQ 10 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 07:02:56 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...	3.220	4.042	30229461	627.8E6	21.663	21.660
28)	SA Decachlor...	7.816	9.158	31376154	413.2E6	23.542	26.573
Target Compounds							
2)	A alpha-BHC	3.639	4.434	1903491	54528275	0.837	1.211 #
3)	MA gamma-BHC...	3.907	4.721	3403772	54437395	1.557m	1.353
4)	MA Heptachlor	4.184	5.233	2132881	49794130	1.005	1.255m
5)	MB Aldrin	4.415	5.541	2087849	51224320	1.037	1.383 #
6)	B beta-BHC	4.154	4.891	1022752	21223710	1.159	1.173m
7)	B delta-BHC	4.341	5.111	1642114	22714762	0.805	0.690m
8)	B Heptachlo...	4.843	5.928	2074460	41672856	1.092	1.291
9)	A Endosulfan I	5.164	6.288	1727499	41496877	0.967	1.420 #
10)	B gamma-Chl...	5.058	6.164	1938983	41781338	0.994m	1.306 #
11)	B alpha-Chl...	5.116	6.237	1990819	42565398	1.031	1.356 #
12)	B 4,4'-DDE	5.285	6.393	1617940	41368508	0.868	1.355 #
13)	MA Dieldrin	5.399	6.546	1851637	40188983	0.958	1.344 #
14)	MA Endrin	5.646	6.766	1677232	33455152	0.911m	1.335 #
15)	B Endosulfa...	5.916	6.975	1568445	38454142	0.914	1.543 #
16)	A 4,4'-DDD	5.787	6.886	1426895	37398769	0.934	1.564 #
17)	MA 4,4'-DDT	6.017	7.185	879277	17804629	0.611m	0.955m#
18)	B Endrin al...	6.083	7.099	1484034	34641928	1.035	1.683 #
19)	B Endosulfa...	6.292	7.324	1403072	34002869	0.915	1.546 #
20)	A Methoxychlor	6.562	7.645	715510	11216627	0.847m	1.121m#
21)	B Endrin ke...	6.766	7.798	1873454	26713258	1.030	1.304 #
22)	Mirex	6.931	8.256	942730	27194117	0.770m	2.109 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052633.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2019 4:16
Operator : AJ\SJ
Sample : K1560-09
Misc : PEST LOQ 10 PPB
ALS Vial : 26 Sample Multiplier: 1

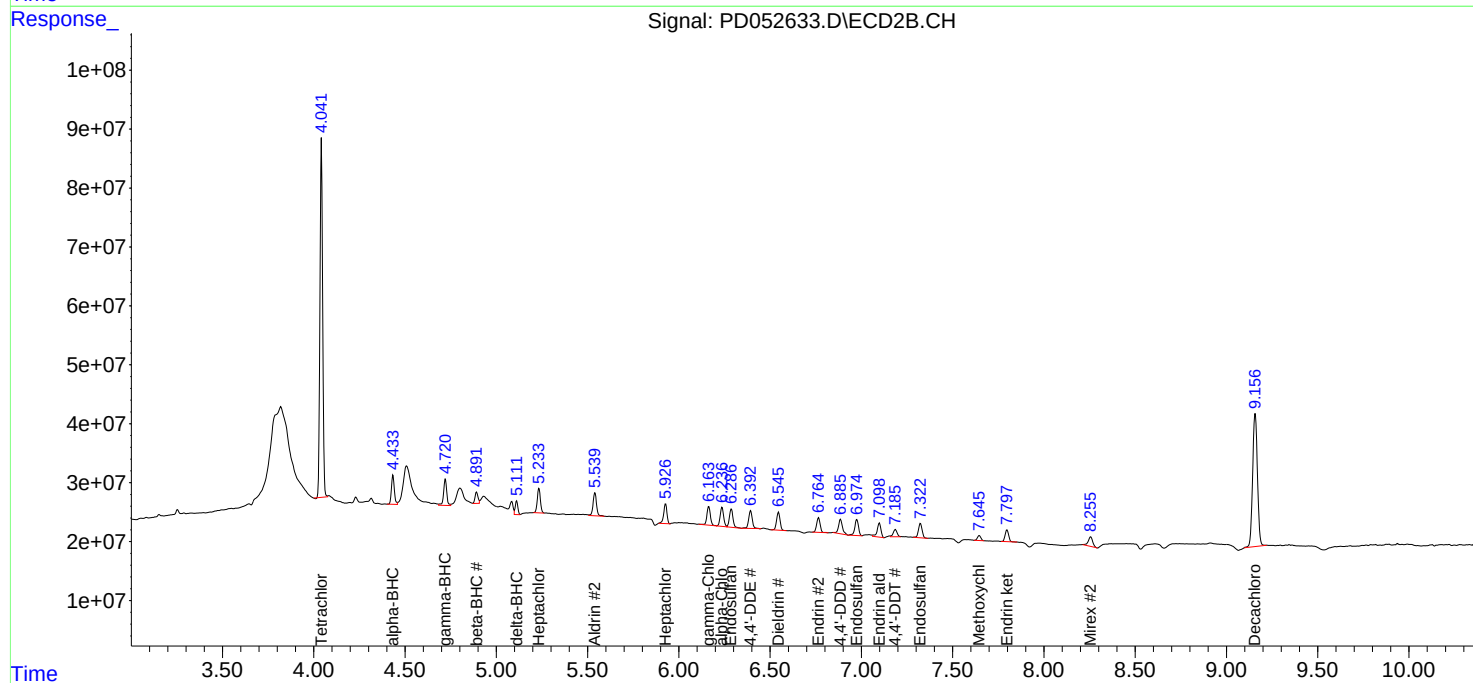
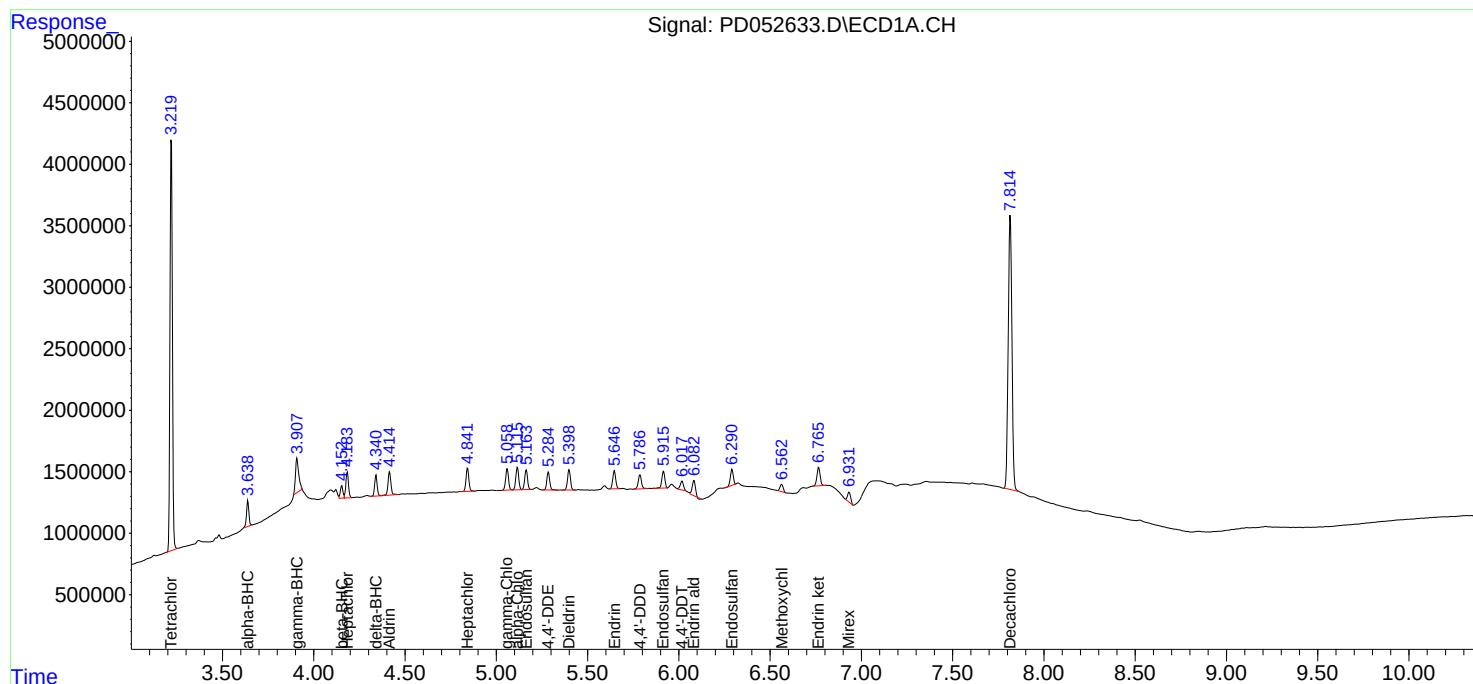
Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

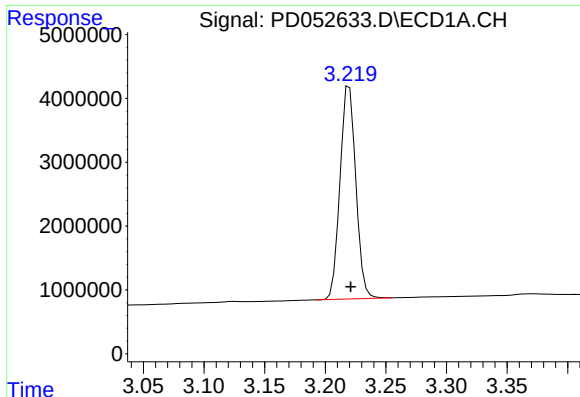
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 07:02:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





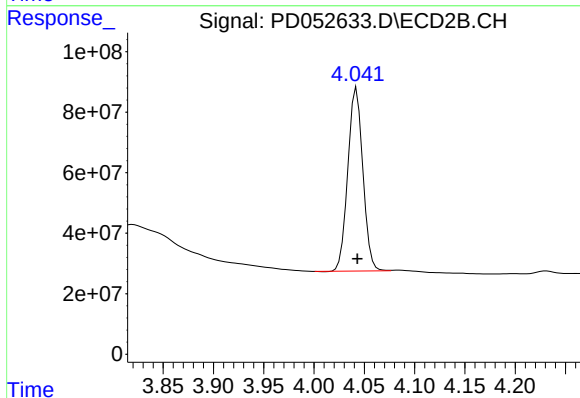
#1 Tetrachloro-m-xylene

R.T.: 3.220 min
Delta R.T.: -0.001 min
Response: 30229461
Conc: 21.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

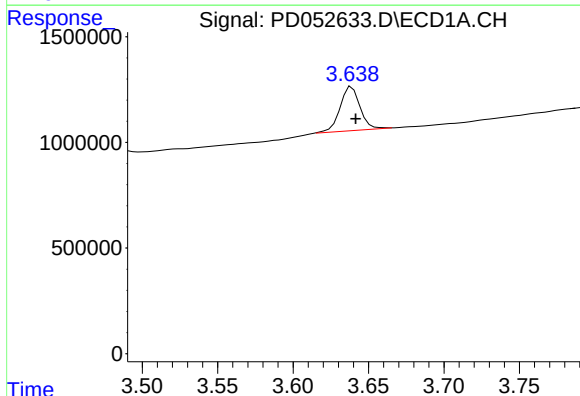
Manual Integrations
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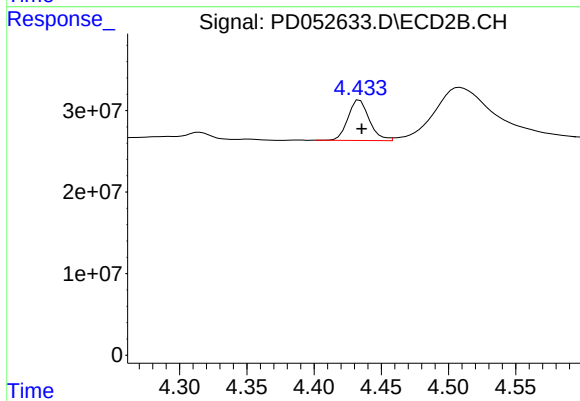
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 627800466
Conc: 21.66 ng/ml



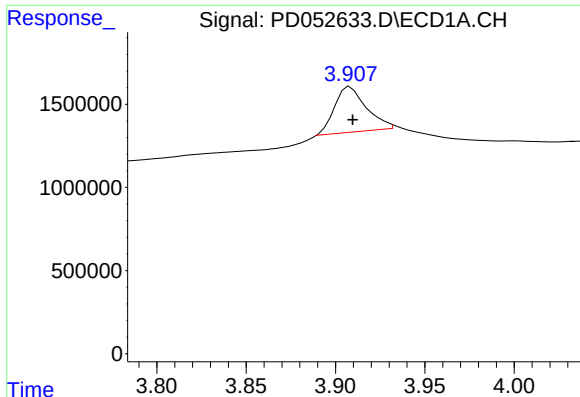
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.003 min
Response: 1903491
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 54528275
Conc: 1.21 ng/ml



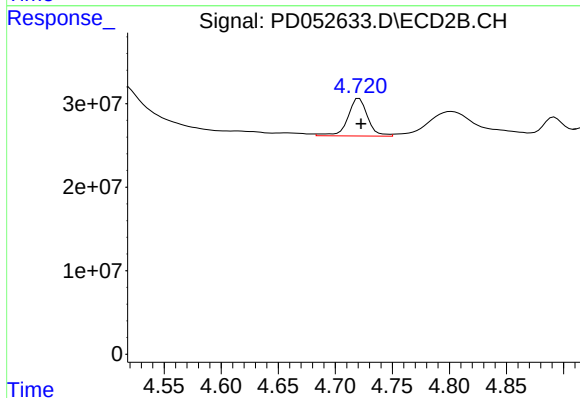
#3 gamma-BHC (Lindane)

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 3403772
Conc: 1.56 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

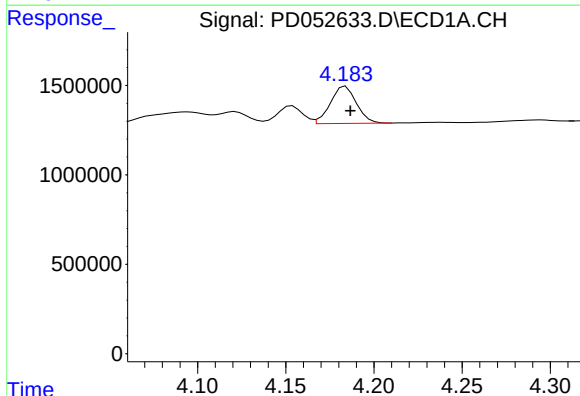
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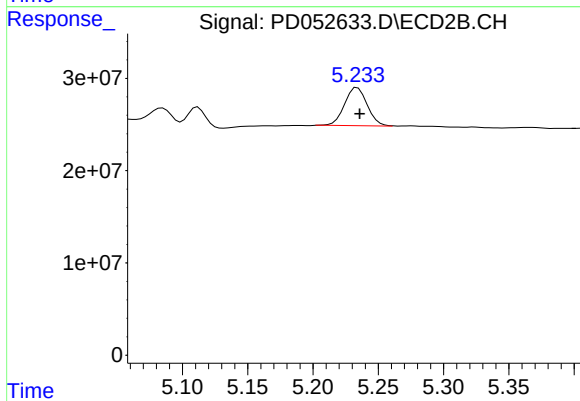
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 54437395
Conc: 1.35 ng/ml



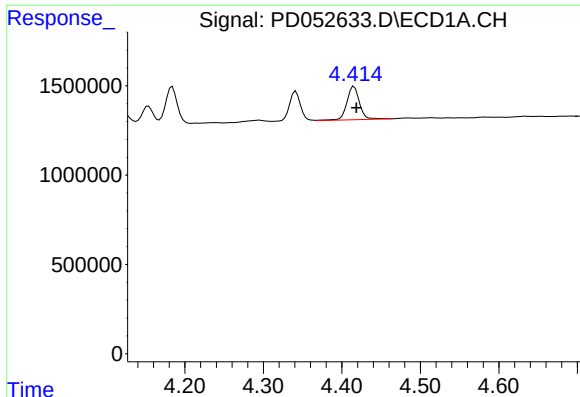
#4 Heptachlor

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 2132881
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 49794130
Conc: 1.26 ng/ml m



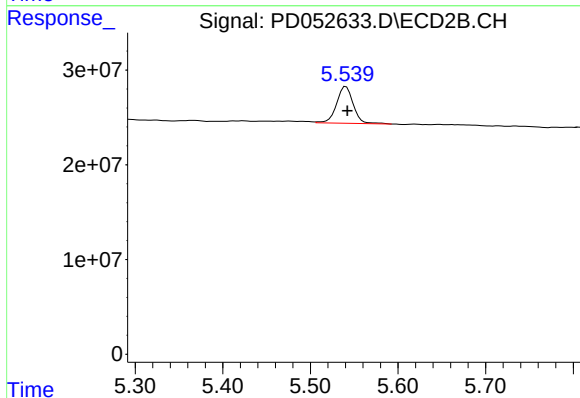
#5 Aldrin

R.T.: 4.415 min
Delta R.T.: -0.003 min
Response: 2087849
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

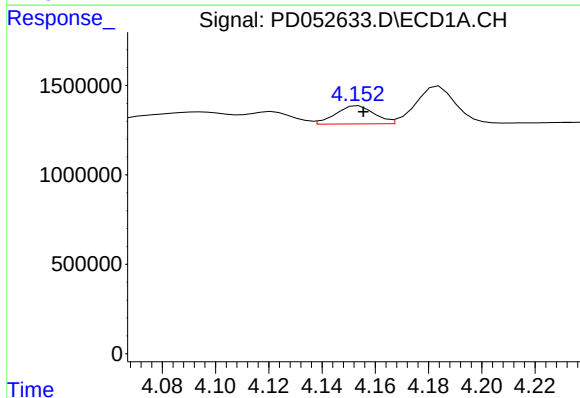
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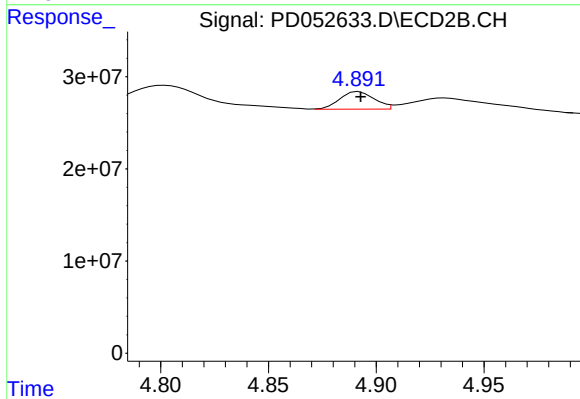
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 51224320
Conc: 1.38 ng/ml



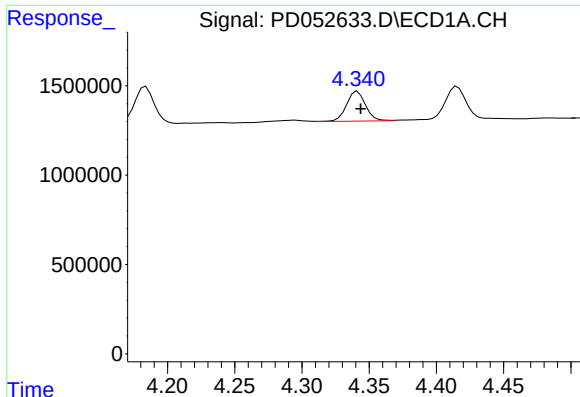
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 1022752
Conc: 1.16 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 21223710
Conc: 1.17 ng/ml m



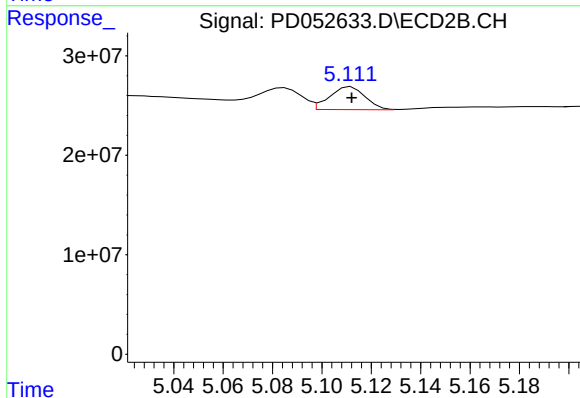
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.002 min
Response: 1642114
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

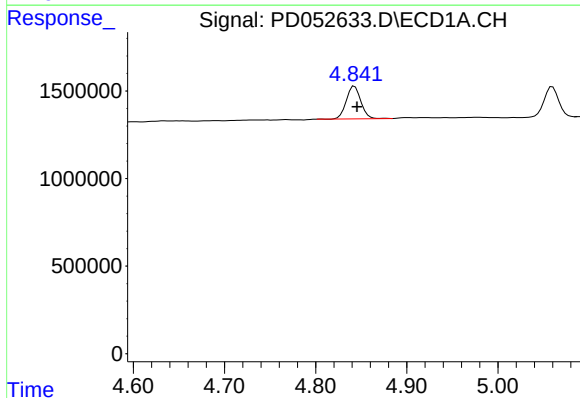
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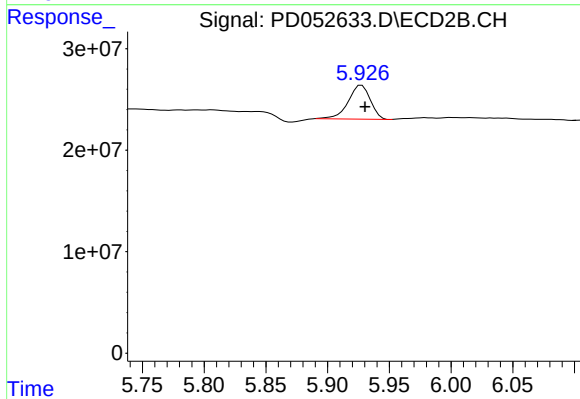
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 22714762
Conc: 0.69 ng/ml m



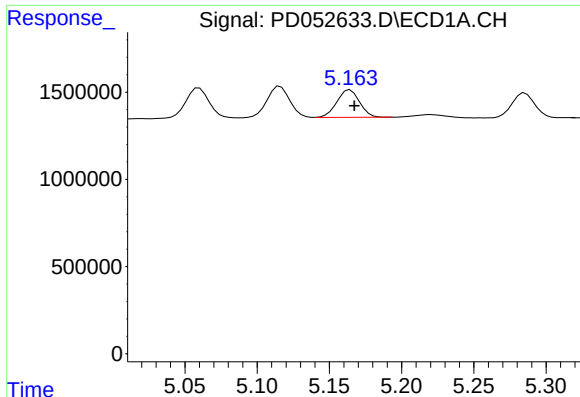
#8 Heptachlor epoxide

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 2074460
Conc: 1.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 41672856
Conc: 1.29 ng/ml



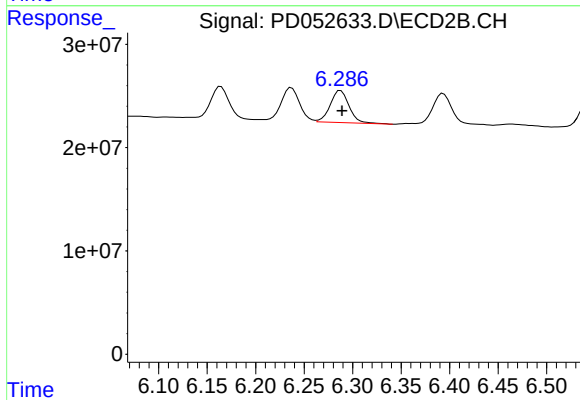
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 1727499
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

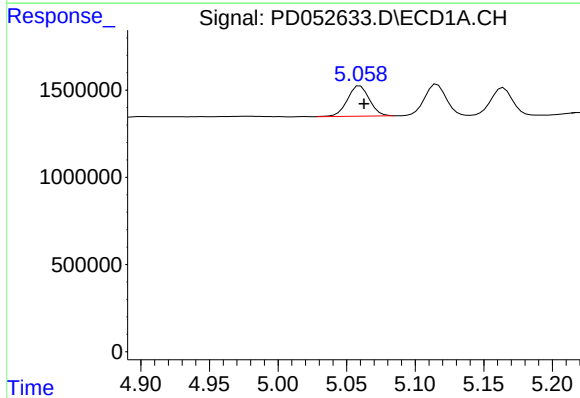
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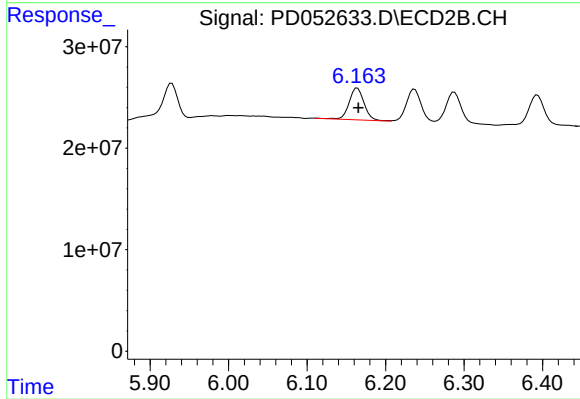
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 41496877
Conc: 1.42 ng/ml



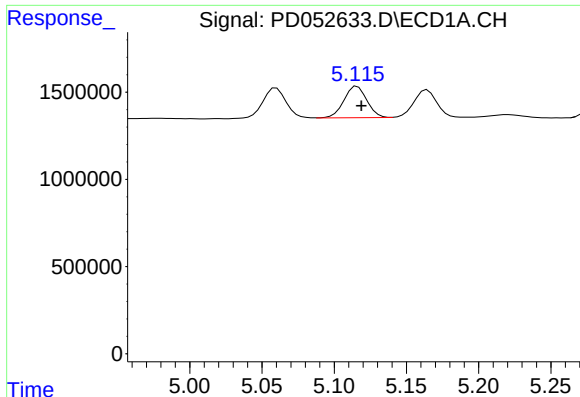
#10 gamma-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 1938983
Conc: 0.99 ng/ml m



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 41781338
Conc: 1.31 ng/ml



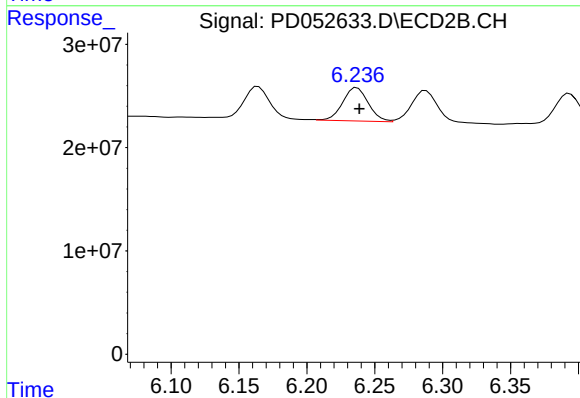
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 1990819
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

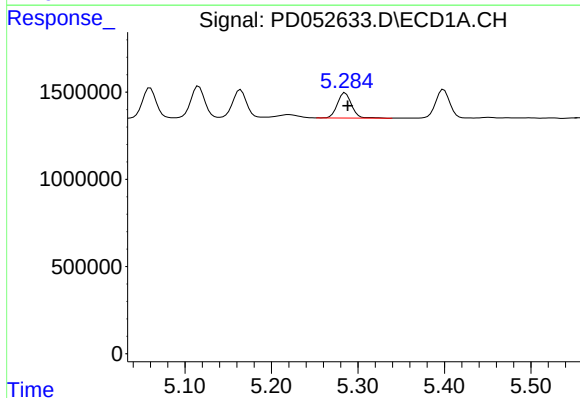
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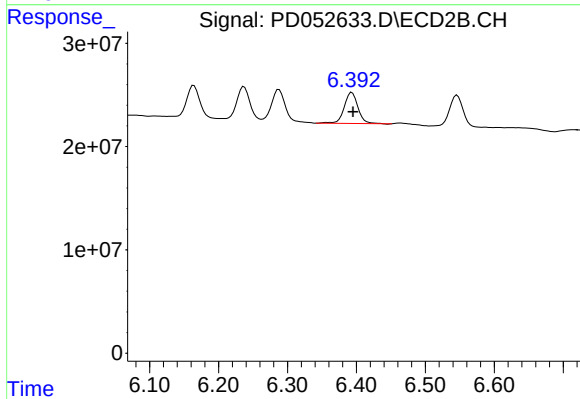
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 42565398
Conc: 1.36 ng/ml



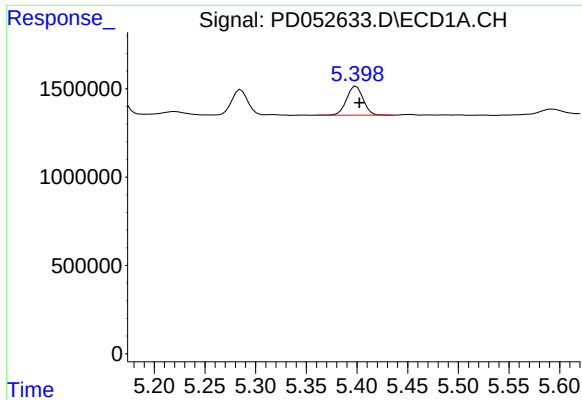
#12 4,4'-DDE

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 1617940
Conc: 0.87 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 41368508
Conc: 1.36 ng/ml



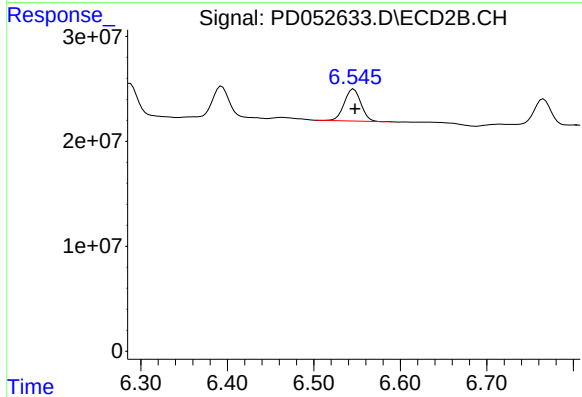
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 1851637
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

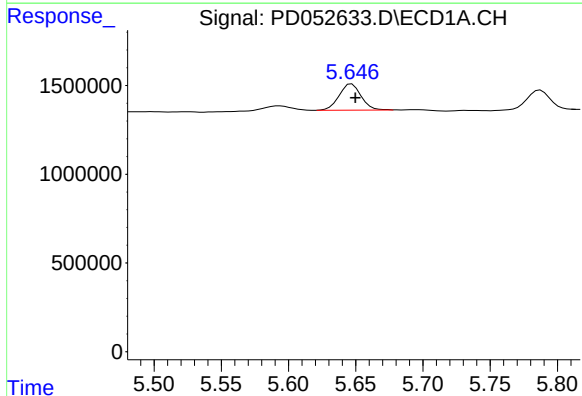
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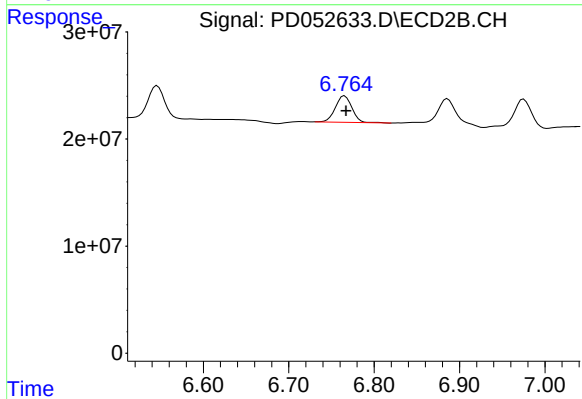
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 40188983
Conc: 1.34 ng/ml



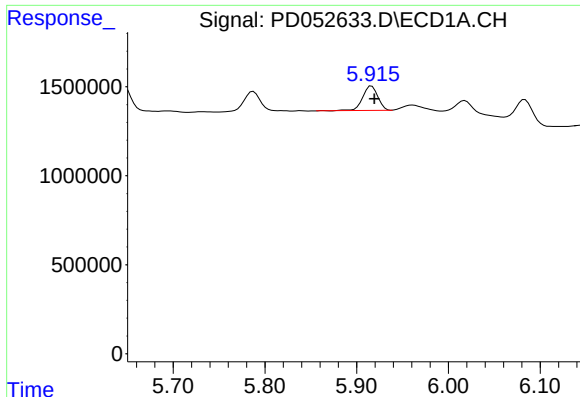
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 1677232
Conc: 0.91 ng/ml m



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 33455152
Conc: 1.34 ng/ml



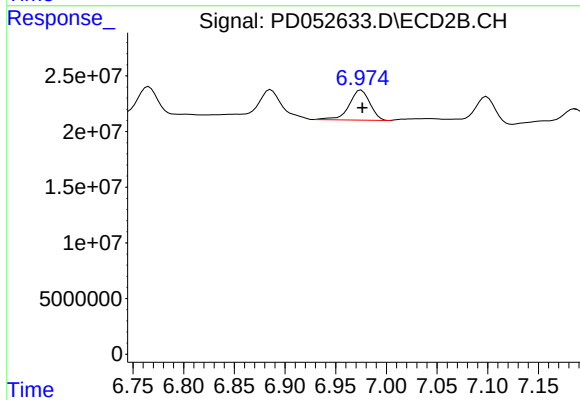
#15 Endosulfan II

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 1568445
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

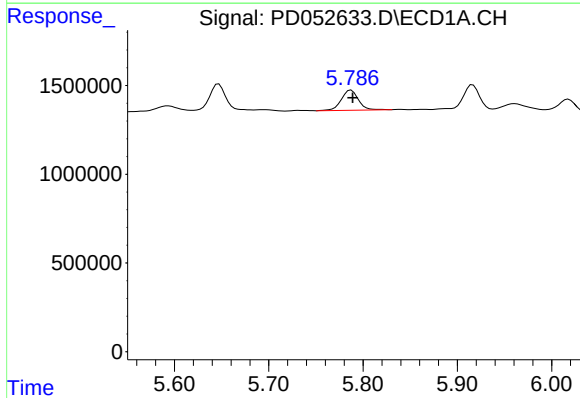
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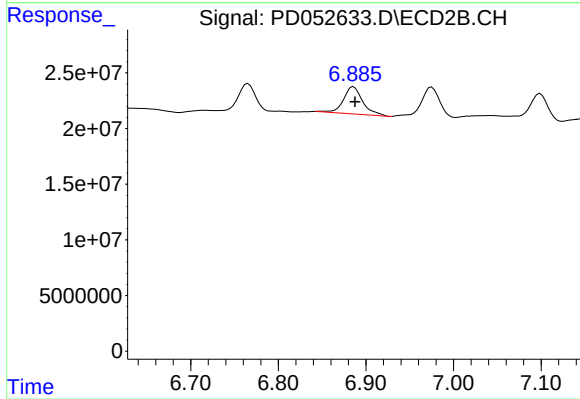
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 38454142
Conc: 1.54 ng/ml



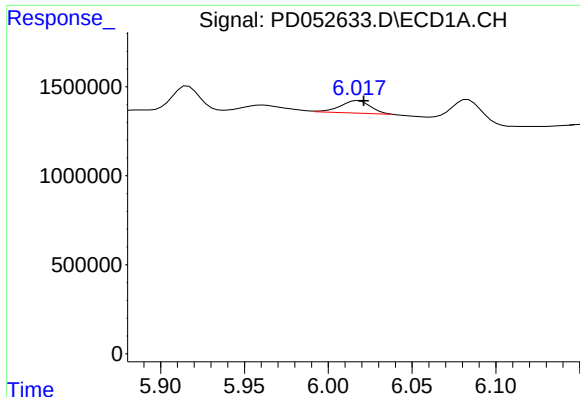
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1426895
Conc: 0.93 ng/ml



#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 37398769
Conc: 1.56 ng/ml



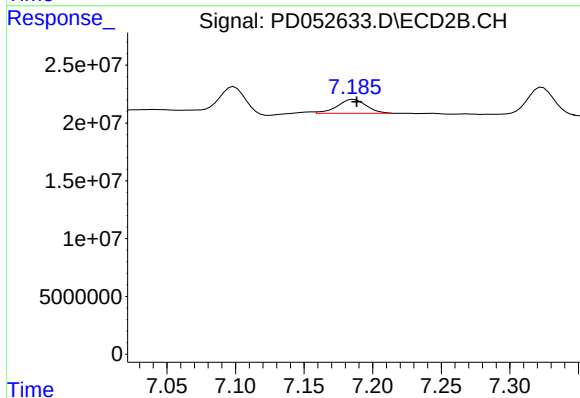
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 879277
Conc: 0.61 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

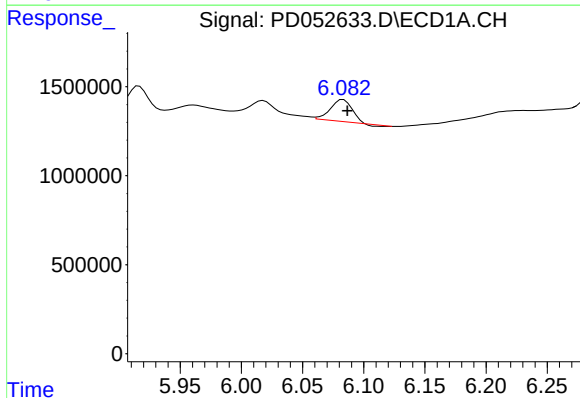
Manual Integrations
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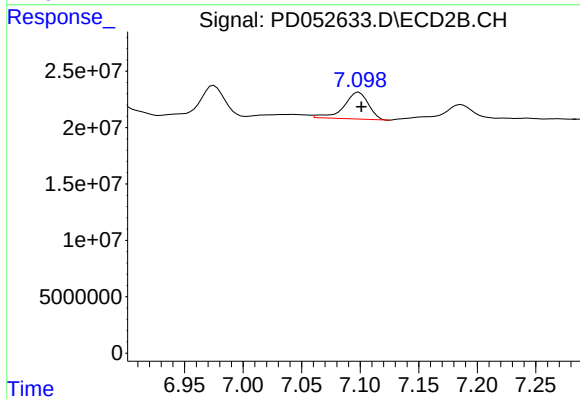
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 17804629
Conc: 0.96 ng/ml m



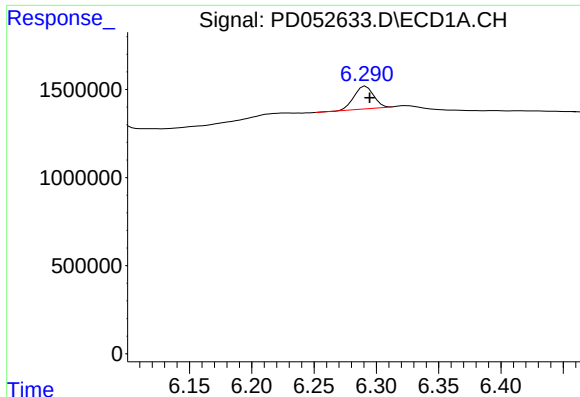
#18 Endrin aldehyde

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 1484034
Conc: 1.04 ng/ml



#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 34641928
Conc: 1.68 ng/ml



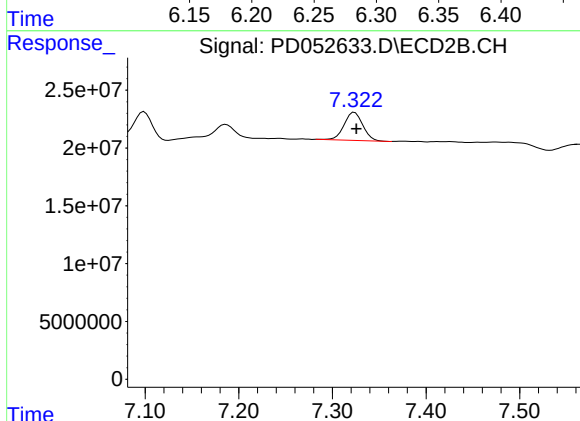
#19 Endosulfan Sulfate

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1403072
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

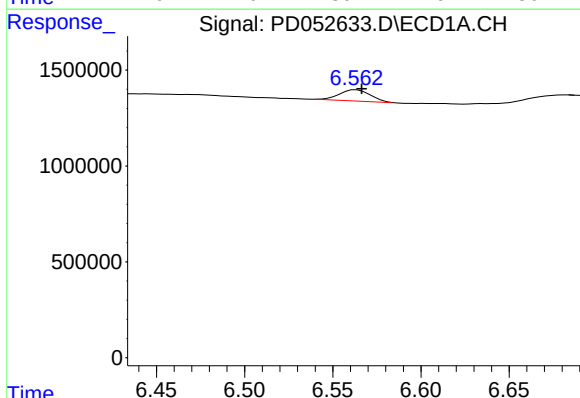
Manual Integrations
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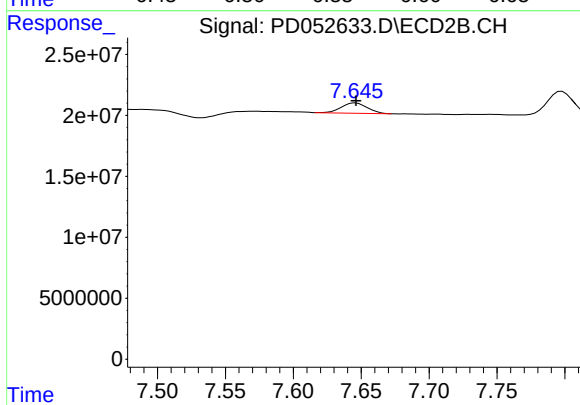
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 34002869
Conc: 1.55 ng/ml



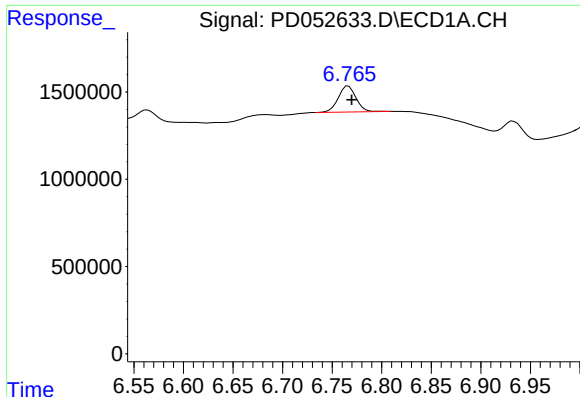
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 715510
Conc: 0.85 ng/ml m



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 11216627
Conc: 1.12 ng/ml m



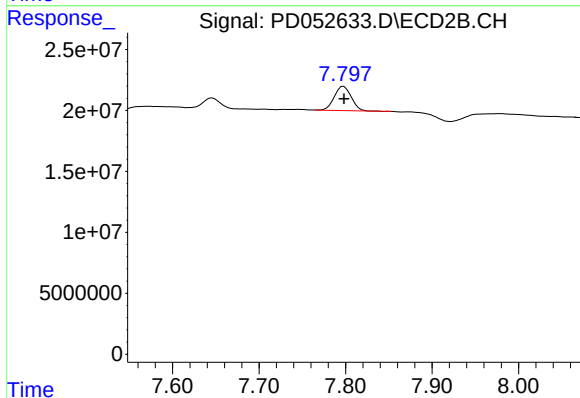
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 1873454
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

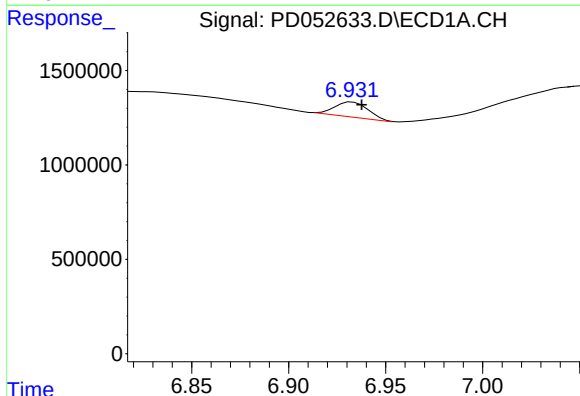
Manual Integrations
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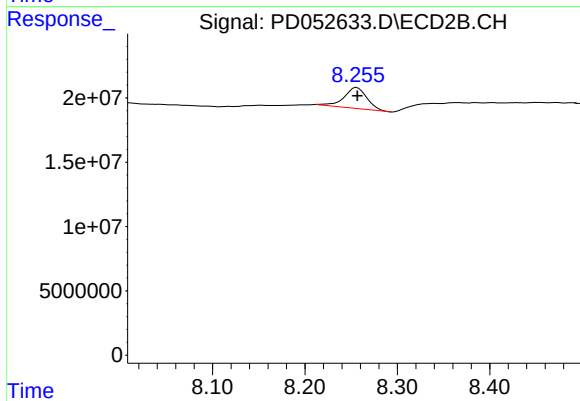
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 26713258
Conc: 1.30 ng/ml



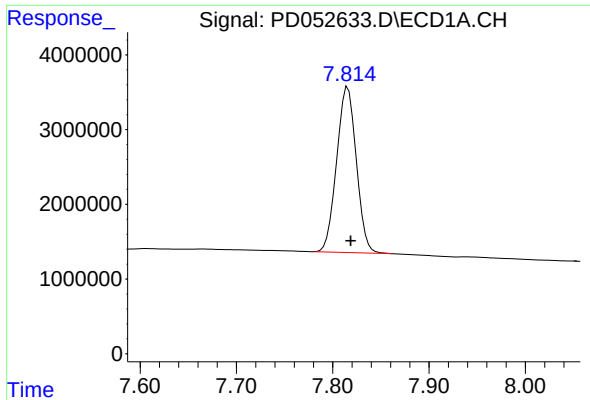
#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.007 min
Response: 942730
Conc: 0.77 ng/ml m



#22 Mirex

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 27194117
Conc: 2.11 ng/ml



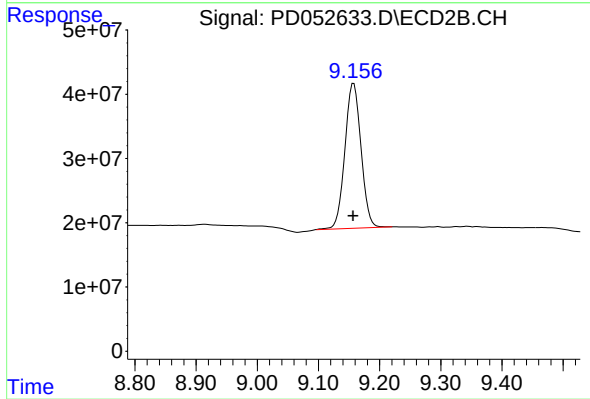
#28 Decachlorobiphenyl

R.T.: 7.816 min
Delta R.T.: -0.003 min
Response: 31376154
Conc: 23.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.001 min
Response: 413242884
Conc: 26.57 ng/ml