

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054007.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 23:16
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 2.5 PPB
 ALS Vial : 47 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 06:24:03 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	11963230	18783159	20.786	21.562
28)	SA Decachlor...	8.008	9.024	14497835	20817868	21.537	22.456
Target Compounds							
2)	A alpha-BHC	3.742	4.369	2135486	3074622	2.466	2.437
3)	MA gamma-BHC...	4.019	4.652	2097536	3036615	2.557	2.476
4)	MA Heptachlor	4.307	5.160	1688940	3548748	2.318	2.833
5)	MB Aldrin	4.547	5.465	1912349	2996507	2.406m	2.437
6)	B beta-BHC	4.267	4.820	852636	1543961	2.421m	2.758
7)	B delta-BHC	4.465	5.036	1661998	3039837	1.982m	2.348
8)	B Heptachlor...	4.985	5.848	1878470	3310072	2.476m	2.737
9)	A Endosulfan I	5.319	6.203	1813449	3357397	2.441	2.891
10)	B gamma-Chl...	5.210	6.080	2047092	3471537	2.517	2.635m
11)	B alpha-Chl...	5.267	6.152	2080520	3450804	2.568	2.658m
12)	B 4,4'-DDE	5.435	6.309	1794157	3075368	2.264m	2.503
13)	MA Dieldrin	5.559	6.459	1859426	3345861	2.290m	2.663
14)	MA Endrin	5.814	6.676	1894241	2718766	2.529	2.594
15)	B Endosulfa...	6.086	6.883	1712615	3180694	2.289m	2.751
16)	A 4,4'-DDD	5.947	6.795	1366600	2701370	2.283m	2.674
17)	MA 4,4'-DDT	6.186	7.095	981266	2199551	1.704	2.233 #
18)	B Endrin al...	6.256	7.006	1736506	2747718	2.734	2.763
19)	B Endosulfa...	6.467	7.228	2051900	3132065	2.919	2.882
20)	A Methoxychlor	6.736	7.550	731383	1438068	2.559	2.680
21)	B Endrin ke...	6.954	7.697	1672499	3302348	2.087	2.716 #
22)	Mirex	7.130	8.152	1647451	2752599	2.532	2.986

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054007.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 23:16
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 2.5 PPB
ALS Vial : 47 Sample Multiplier: 1

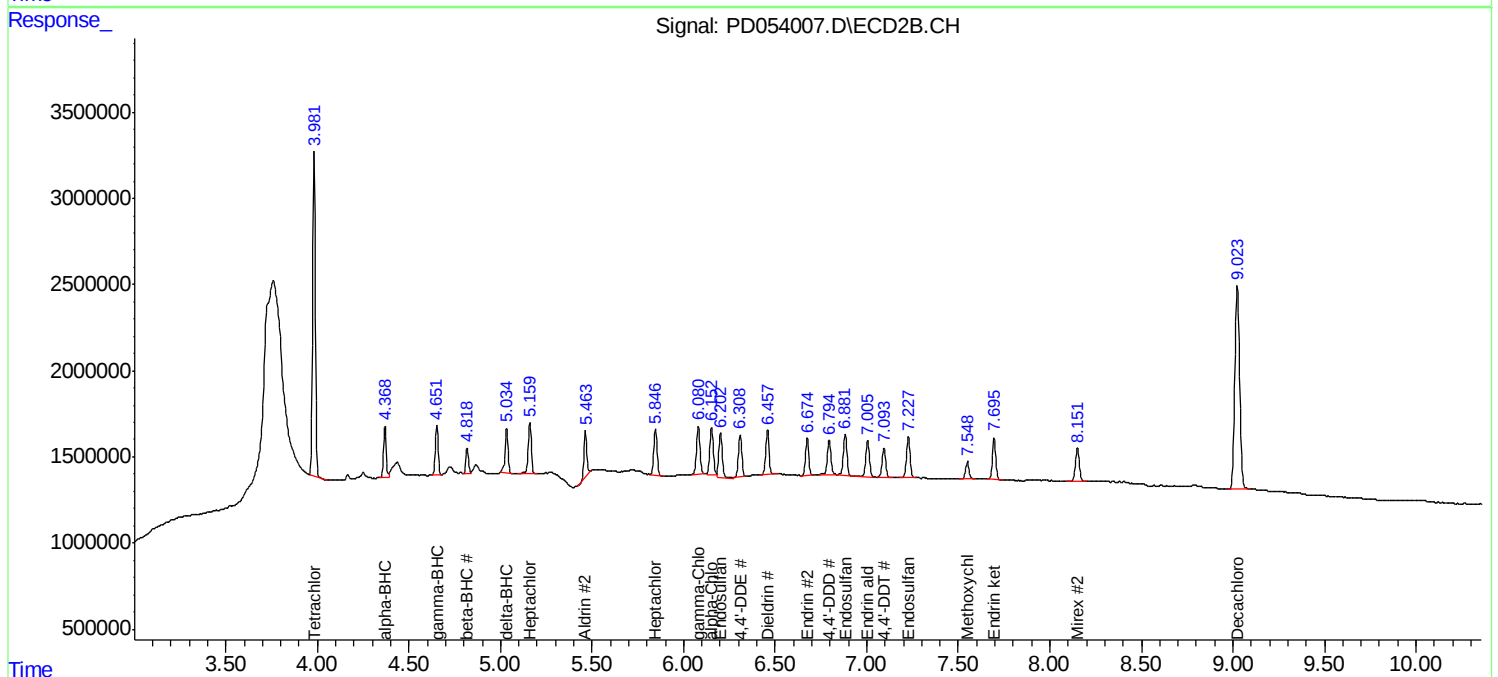
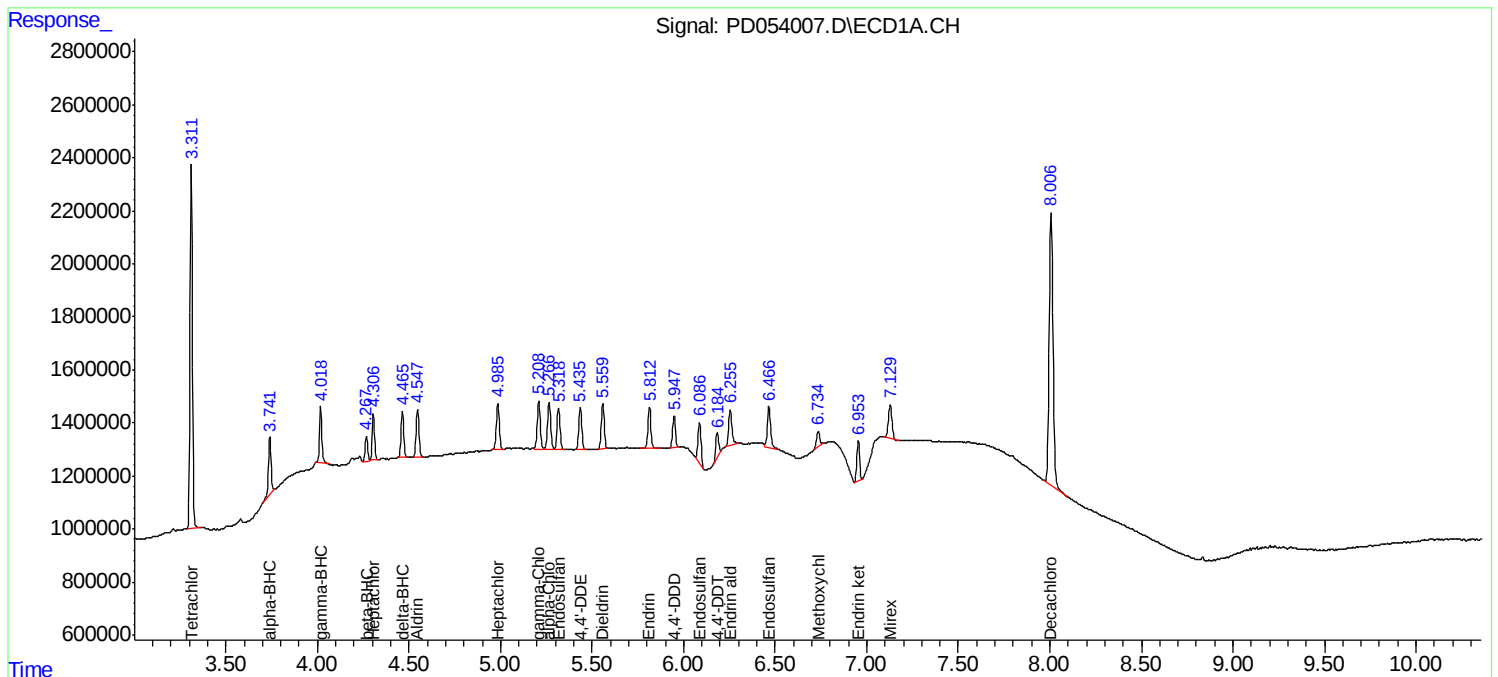
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

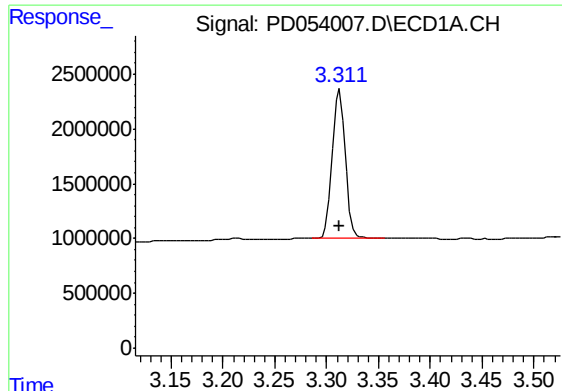
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 06:24:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response via : Initial Calibration
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





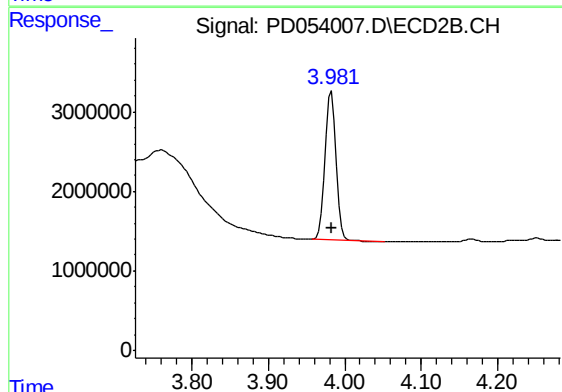
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11963230
Conc: 20.79 ng/ml

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

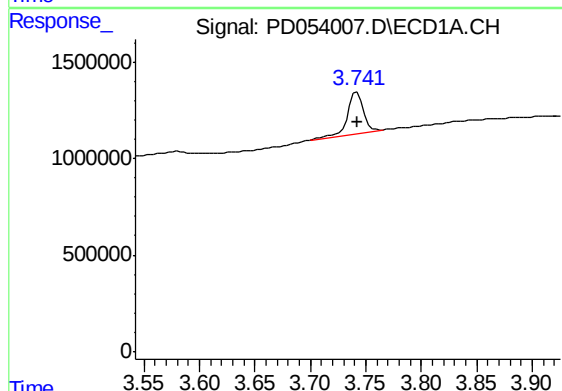
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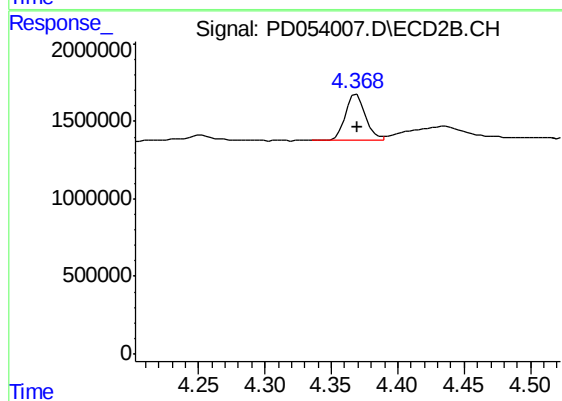
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18783159
Conc: 21.56 ng/ml



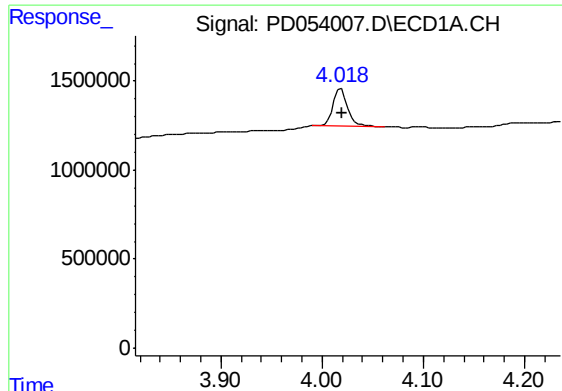
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 2135486
Conc: 2.47 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3074622
Conc: 2.44 ng/ml



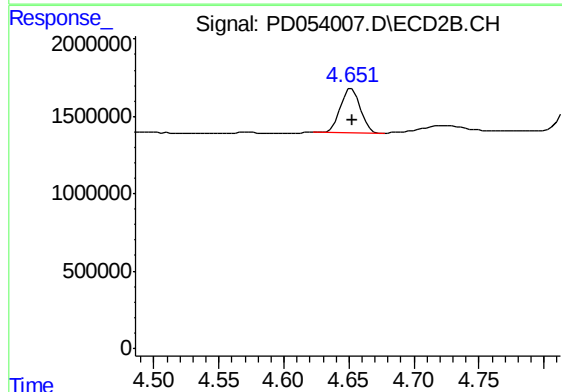
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 2097536
Conc: 2.56 ng/ml

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

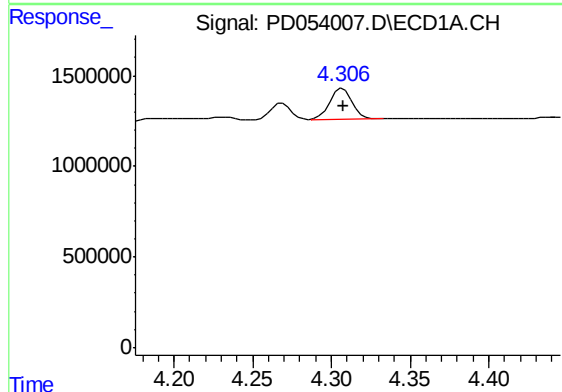
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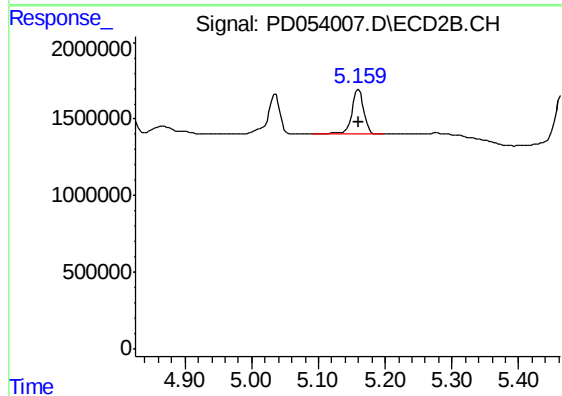
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3036615
Conc: 2.48 ng/ml



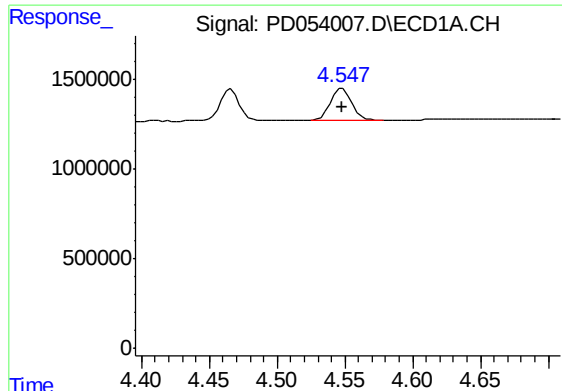
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 1688940
Conc: 2.32 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 3548748
Conc: 2.83 ng/ml



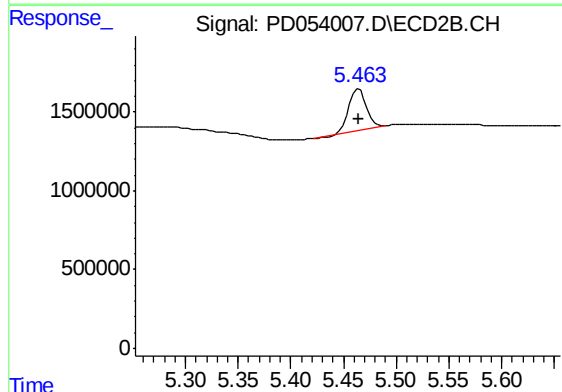
#5 Aldrin

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 1912349
Conc: 2.41 ng/ml m

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

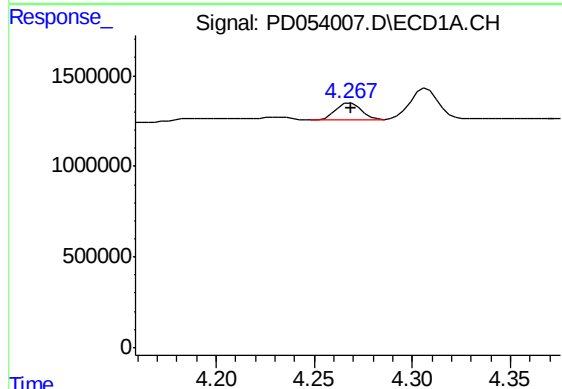
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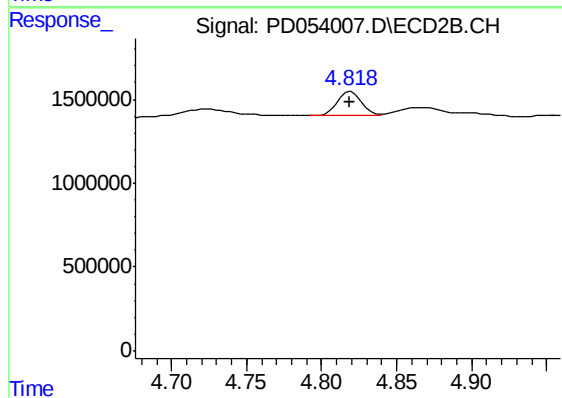
#5 Aldrin

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 2996507
Conc: 2.44 ng/ml



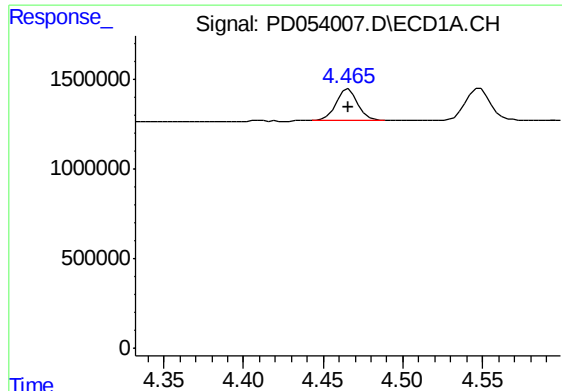
#6 beta-BHC

R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 852636
Conc: 2.42 ng/ml m



#6 beta-BHC

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 1543961
Conc: 2.76 ng/ml



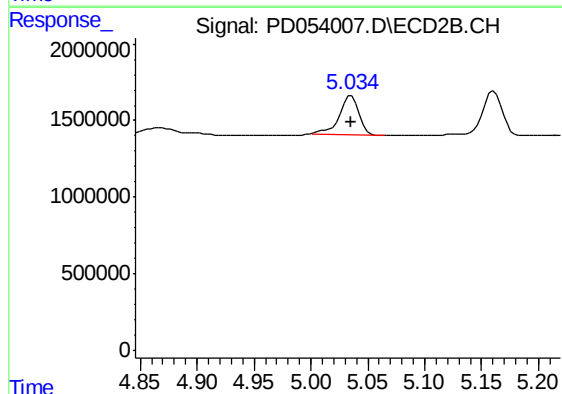
#7 delta-BHC

R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 1661998
Conc: 1.98 ng/ml m

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

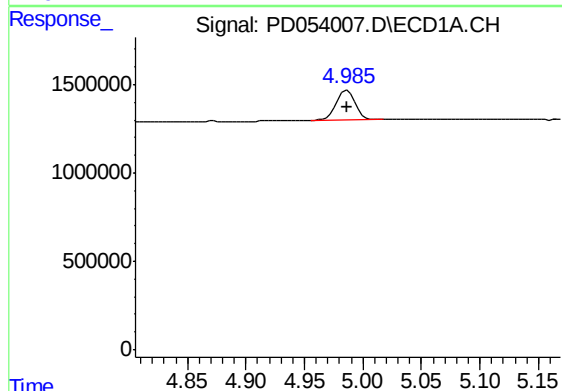
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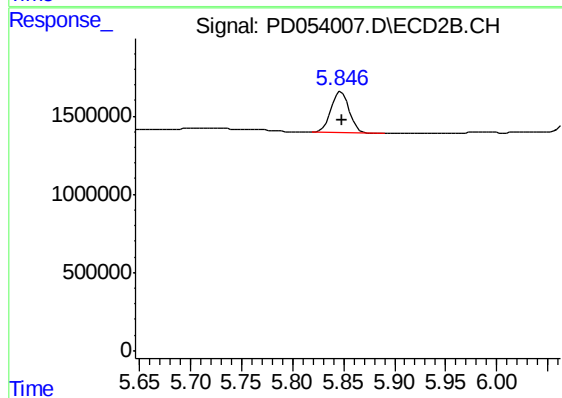
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 3039837
Conc: 2.35 ng/ml



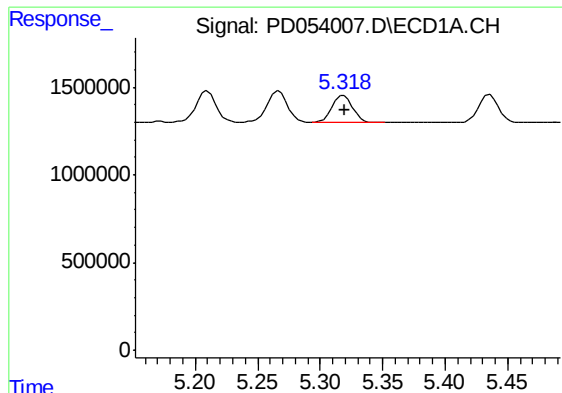
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: -0.001 min
Response: 1878470
Conc: 2.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 3310072
Conc: 2.74 ng/ml



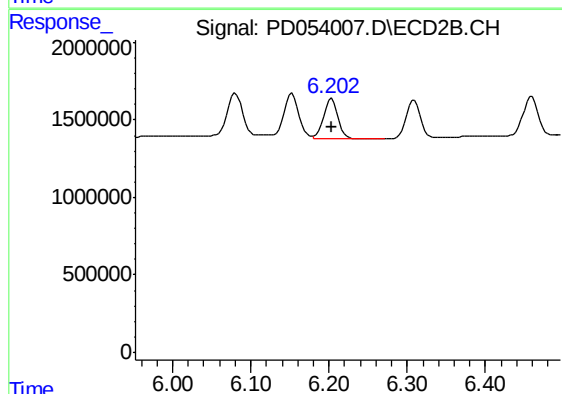
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 1813449
Conc: 2.44 ng/ml

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

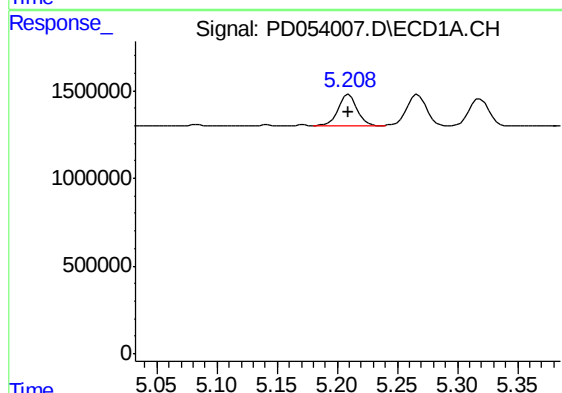
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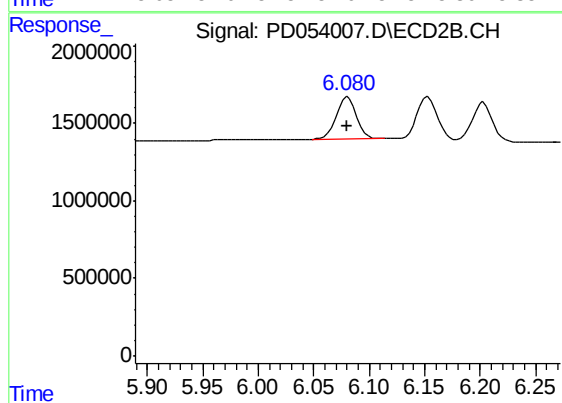
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 3357397
Conc: 2.89 ng/ml



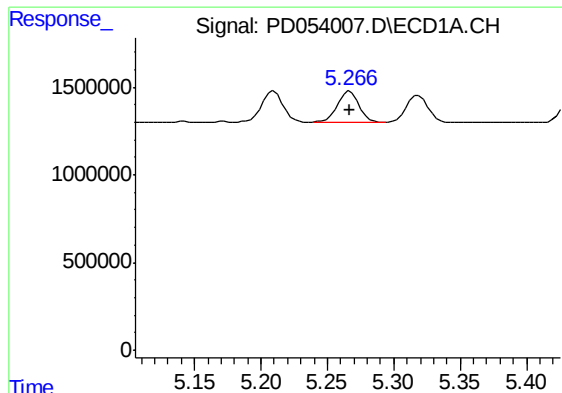
#10 gamma-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 2047092
Conc: 2.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 3471537
Conc: 2.64 ng/ml m



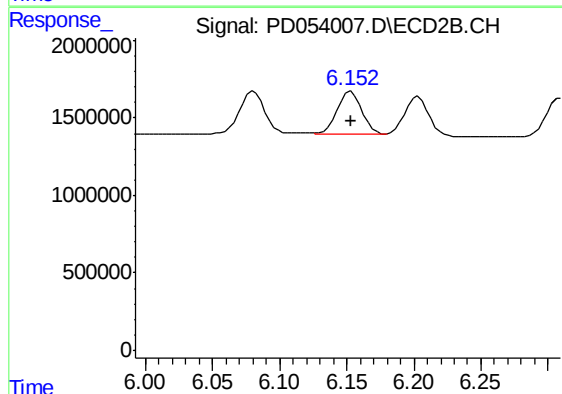
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 2080520
Conc: 2.57 ng/ml

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

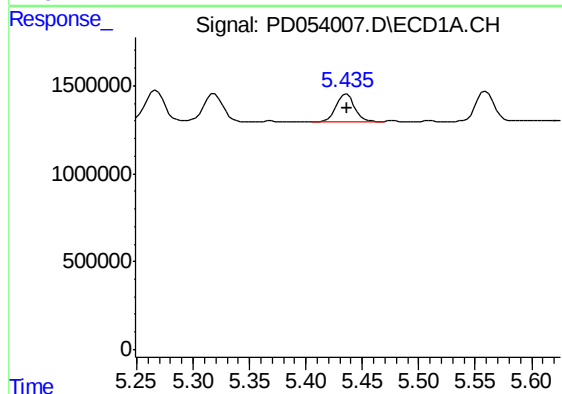
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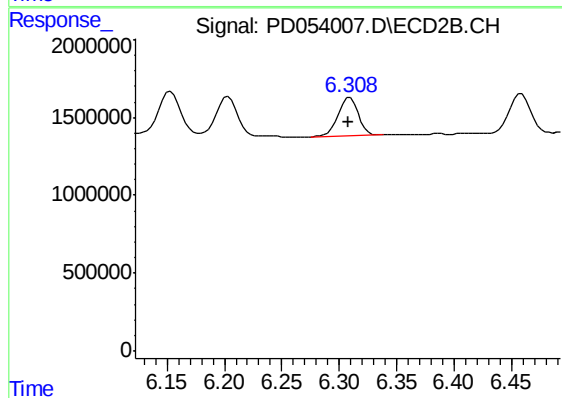
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 3450804
Conc: 2.66 ng/ml m



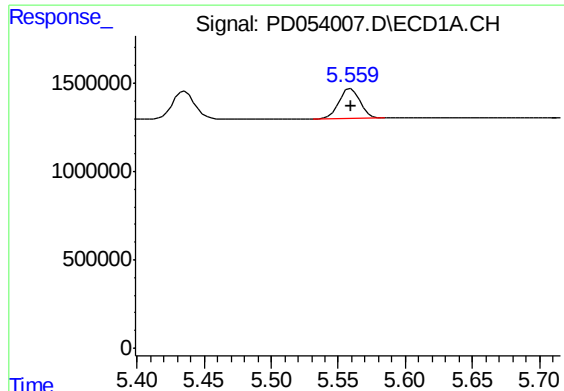
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 1794157
Conc: 2.26 ng/ml m



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3075368
Conc: 2.50 ng/ml



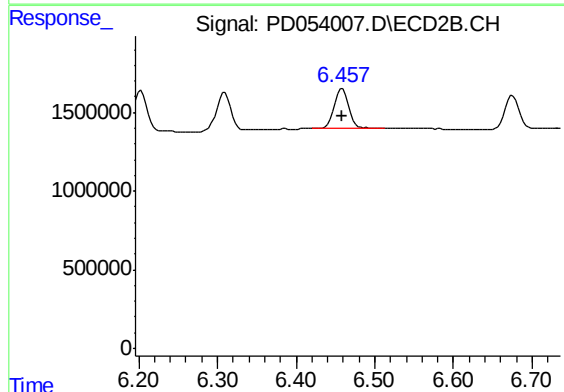
#13 Dieldrin

R.T.: 5.559 min
Delta R.T.: -0.001 min
Response: 1859426
Conc: 2.29 ng/ml m

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

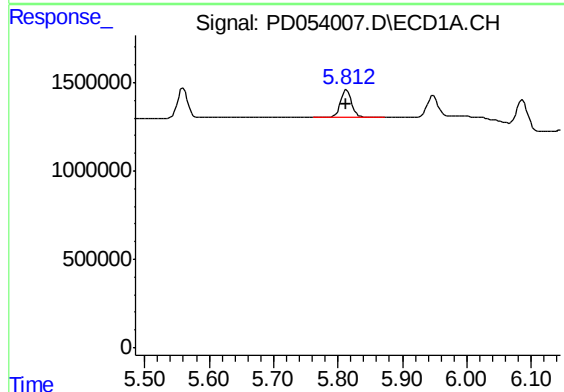
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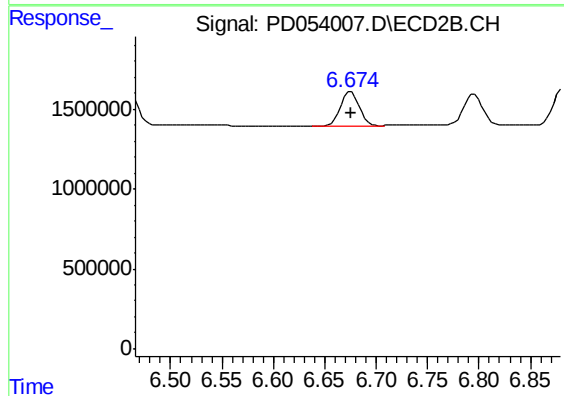
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 3345861
Conc: 2.66 ng/ml



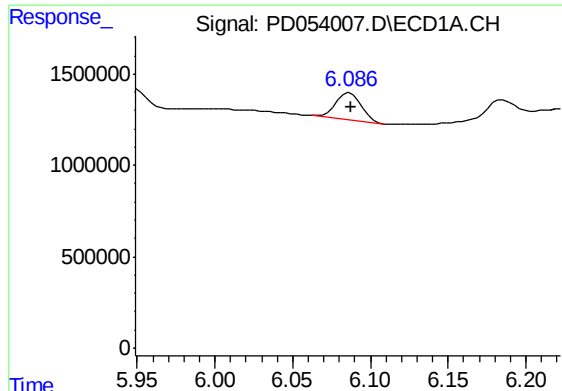
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1894241
Conc: 2.53 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 2718766
Conc: 2.59 ng/ml



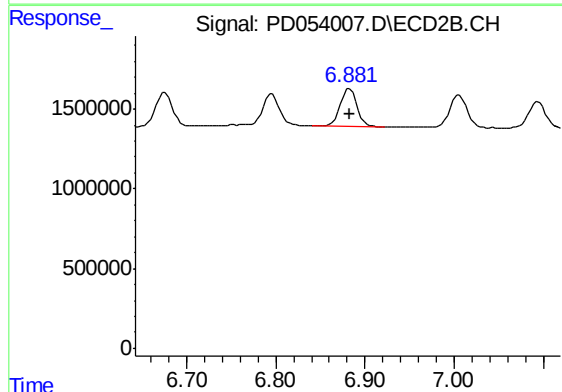
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 1712615
Conc: 2.29 ng/ml m

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

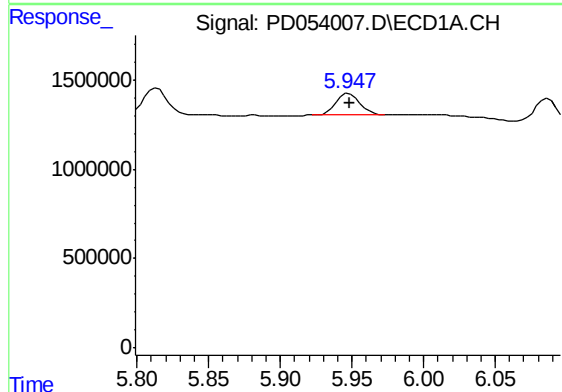
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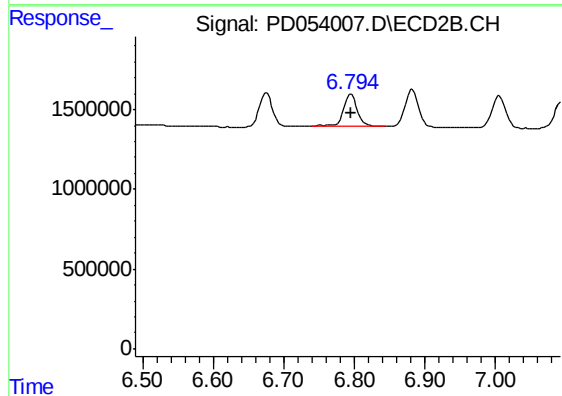
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 3180694
Conc: 2.75 ng/ml



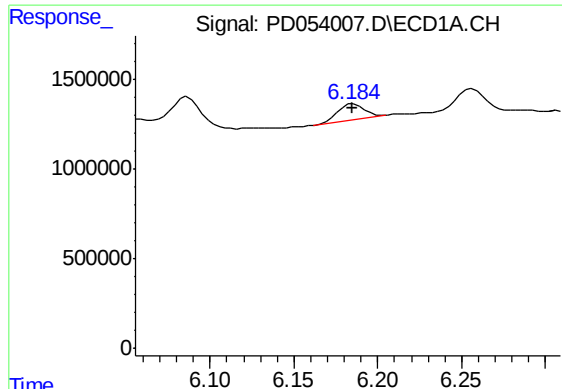
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 1366600
Conc: 2.28 ng/ml m



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 2701370
Conc: 2.67 ng/ml



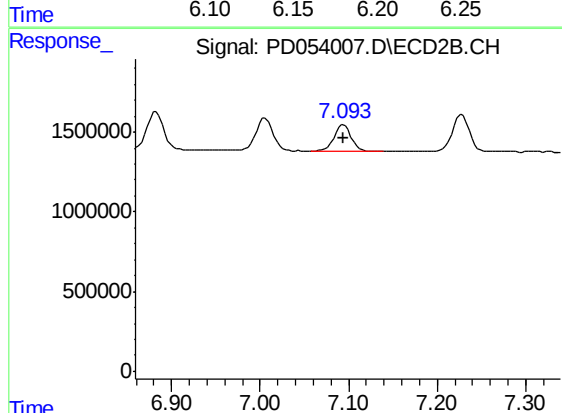
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 981266
Conc: 1.70 ng/ml

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

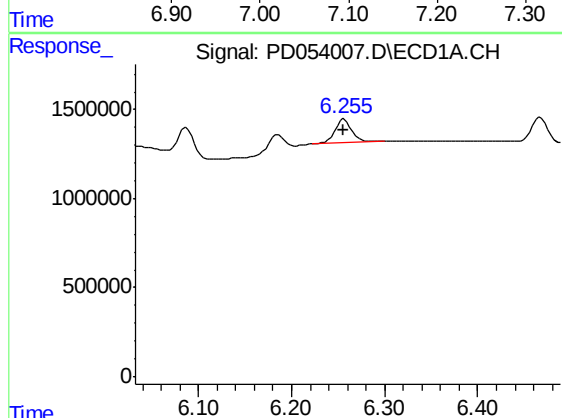
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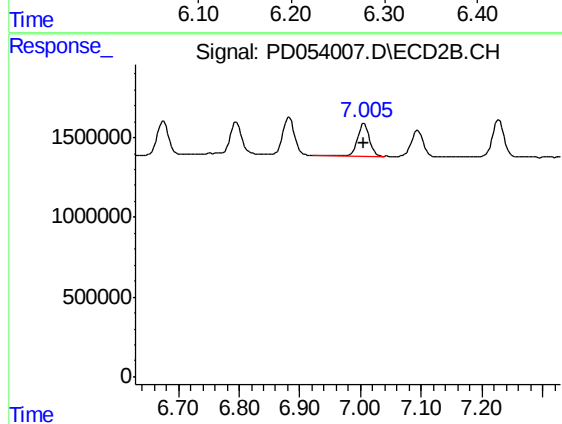
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 2199551
Conc: 2.23 ng/ml



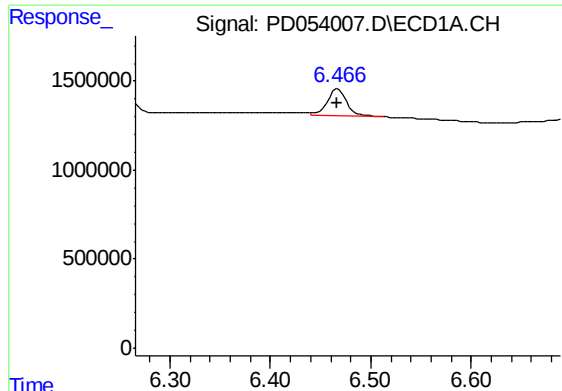
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1736506
Conc: 2.73 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2747718
Conc: 2.76 ng/ml



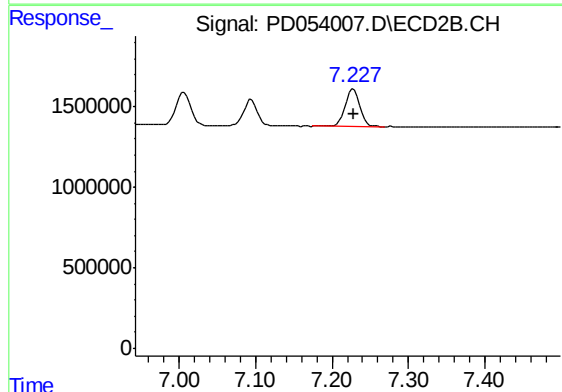
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2051900
Conc: 2.92 ng/ml

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

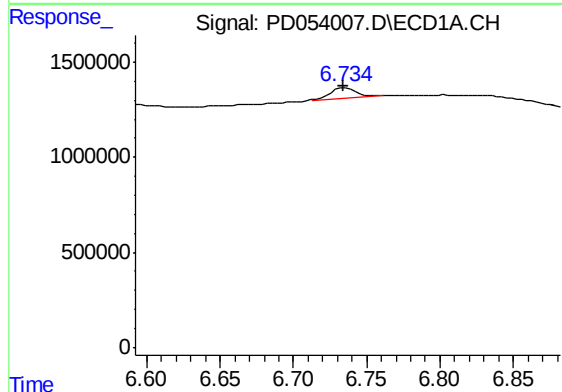
Manual Integrations
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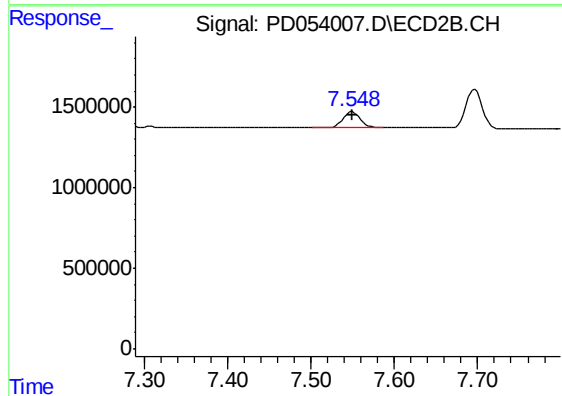
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 3132065
Conc: 2.88 ng/ml



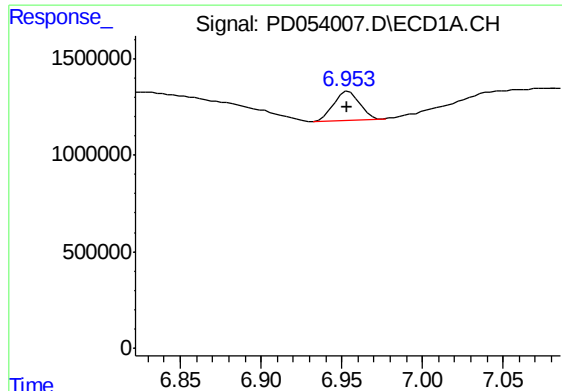
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.001 min
Response: 731383
Conc: 2.56 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1438068
Conc: 2.68 ng/ml



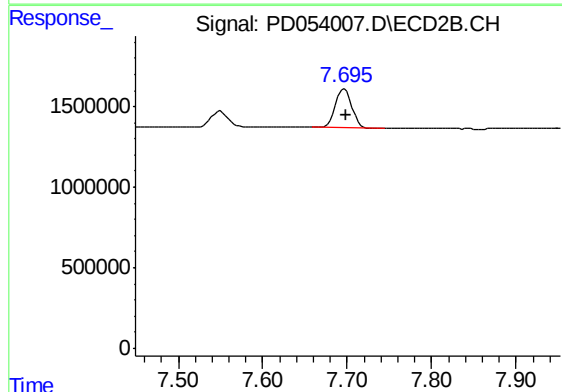
#21 Endrin ketone

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 1672499
Conc: 2.09 ng/ml

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

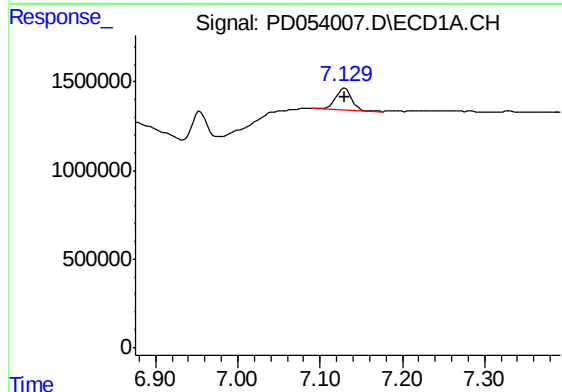
Manual Integrations
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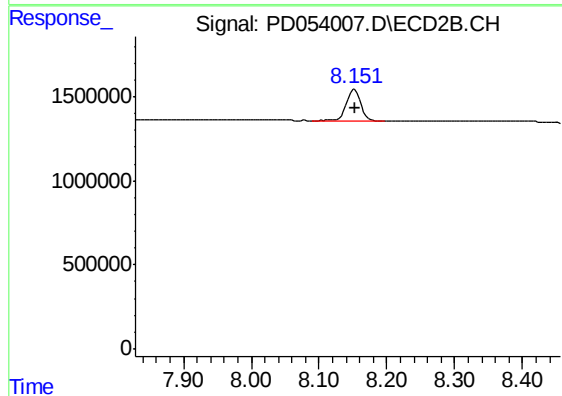
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: -0.001 min
Response: 3302348
Conc: 2.72 ng/ml



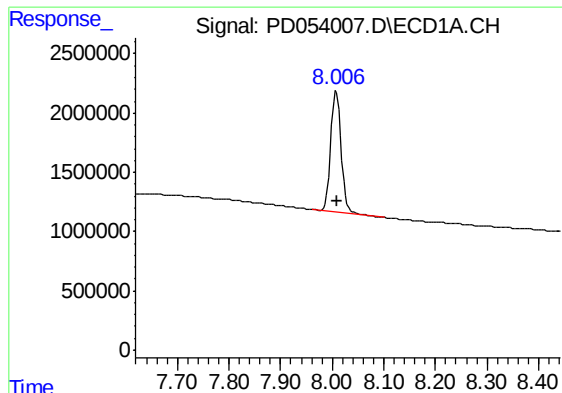
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 1647451
Conc: 2.53 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2752599
Conc: 2.99 ng/ml



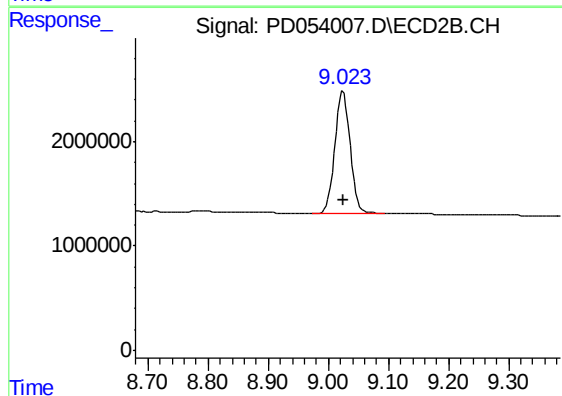
#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14497835
Conc: 21.54 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: 20817868
Conc: 22.46 ng/ml