

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:42
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:15:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.289	3.962	17036248	24772838	19.984	20.570
28)	SA Decachlor...	7.965	8.999	19178746	27996045	20.272	20.118
Target Compounds							
2)	A alpha-BHC	3.716	4.349	2707976	4348588	2.132	2.467
3)	MA gamma-BHC...	3.991	4.631	3105769	4101595	2.593	2.389
4)	MA Heptachlor	4.277	5.138	2377538	4334005	2.232	2.501
5)	MB Aldrin	4.516	5.441	2500562	4279168	2.285	2.557
6)	B beta-BHC	4.241	4.800	1048050	1977890	2.079	2.488
7)	B delta-BHC	4.437	5.015	2291498	2918835	1.990	1.821
8)	B Heptachlor...	4.953	5.825	2355007	4146110	2.289	2.567
9)	A Endosulfan I	5.284	6.181	2265230	4307532	2.324	2.743
10)	B gamma-Chl...	5.175	6.057	2509816	4577114	2.352	2.655m
11)	B alpha-Chl...	5.232	6.129	2481101	4361431	2.351	2.539m
12)	B 4,4'-DDE	5.401	6.288	2101608	3754948	2.135	2.348
13)	MA Dieldrin	5.524	6.436	2387181	4335717	2.251	2.566
14)	MA Endrin	5.777	6.653	2093480	3462374	2.183	2.400
15)	B Endosulfa...	6.051	6.861	2157198	3903427	2.226	2.513
16)	A 4,4'-DDD	5.911	6.775	1810878	3276484	2.252	2.398
17)	MA 4,4'-DDT	6.147	7.074	1257722	2645824	1.758	1.982
18)	B Endrin al...	6.218	6.985	2786656	3492529	3.335m	2.605
19)	B Endosulfa...	6.429	7.207	2088357	3794255	2.331m	2.608
20)	A Methoxychlor	6.695	7.531	782282	1911758	1.996m	2.390
21)	B Endrin ke...	6.914	7.676	1873624	4246628	1.791	2.560 #
22)	Mirex	7.090	8.128	2512718	3349234	3.047	2.768m

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

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 Data File : PD055747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:42
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 15 Sample Multiplier: 1

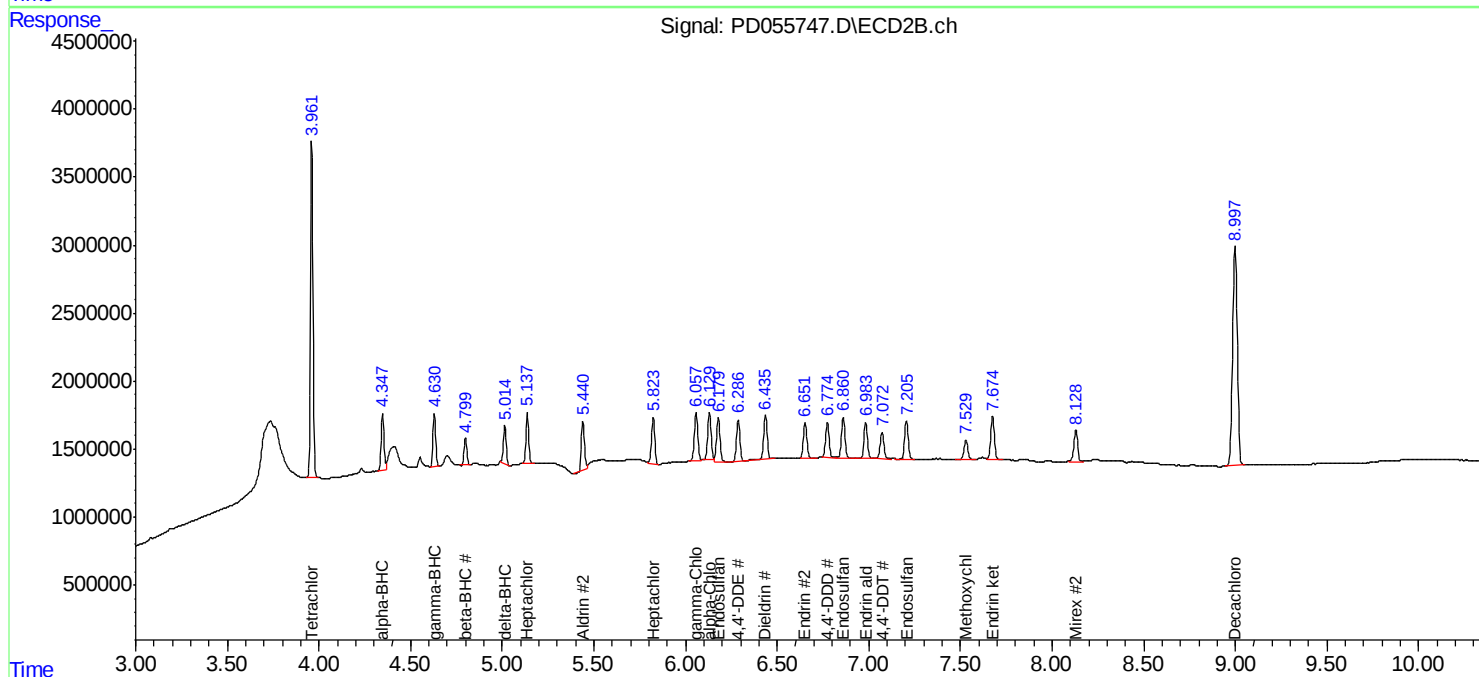
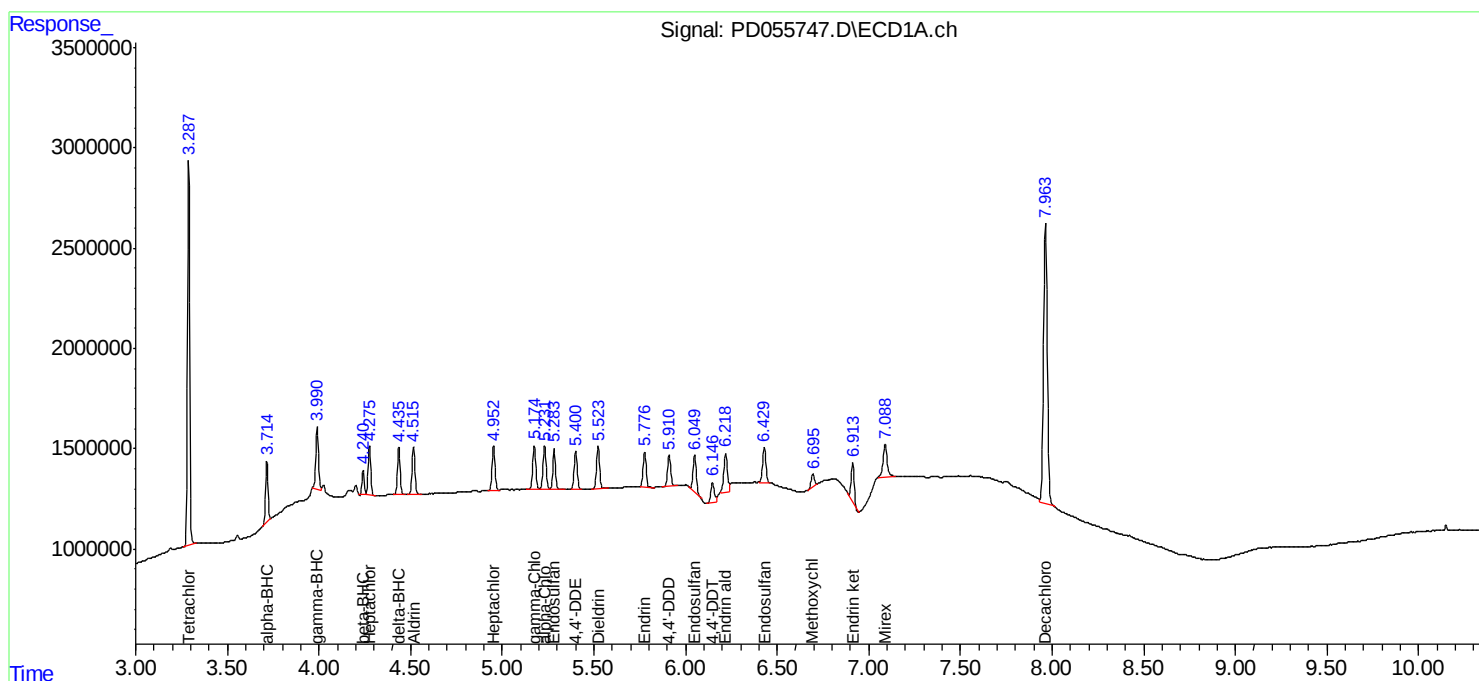
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

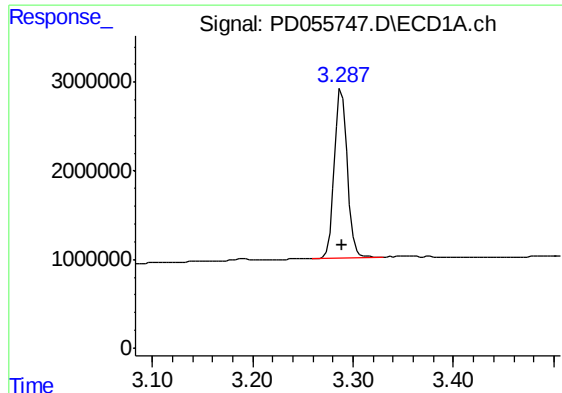
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:15:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





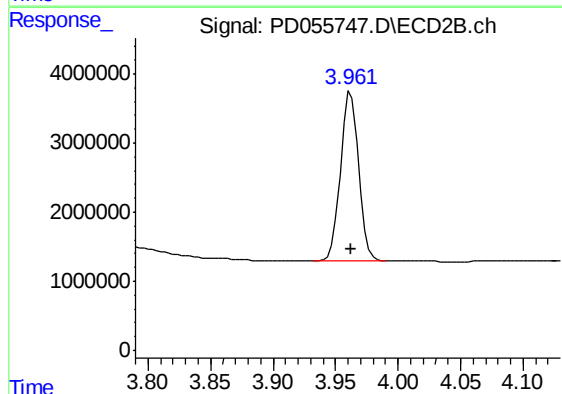
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17036248
Conc: 19.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

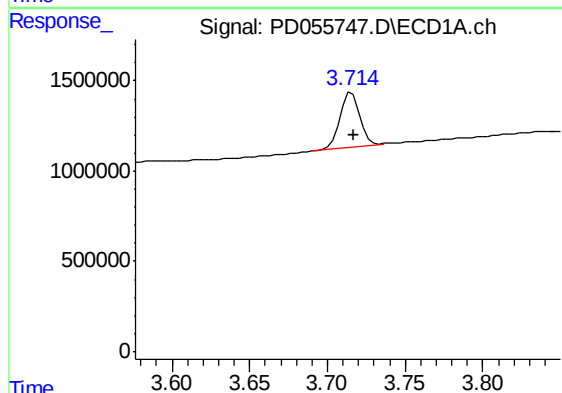
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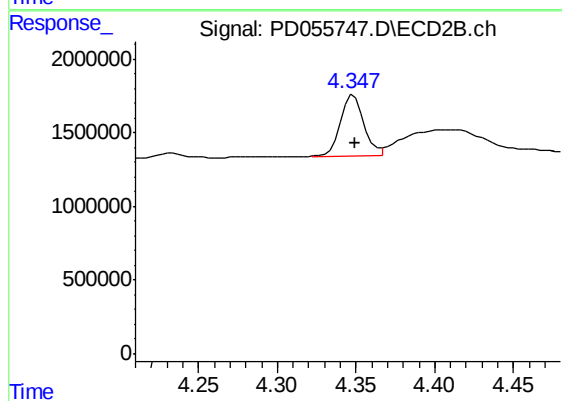
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 24772838
Conc: 20.57 ng/ml



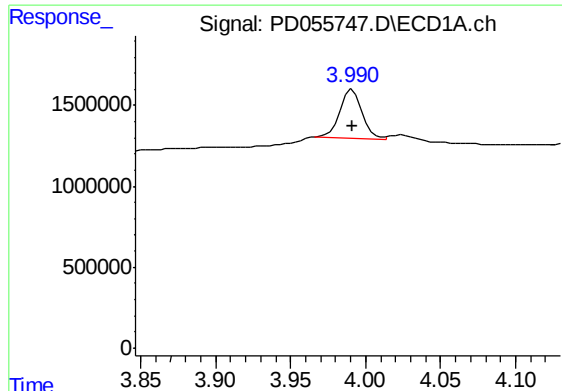
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 2707976
Conc: 2.13 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 4348588
Conc: 2.47 ng/ml



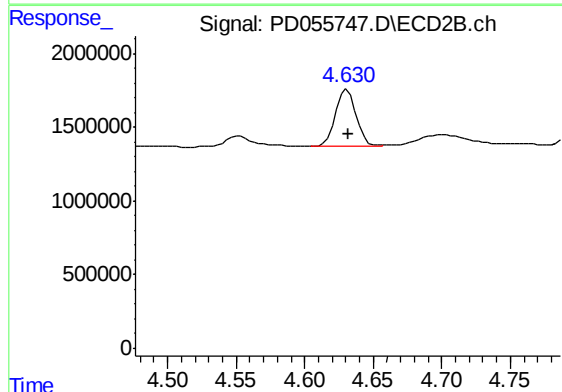
#3 gamma-BHC (Lindane)

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 3105769
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

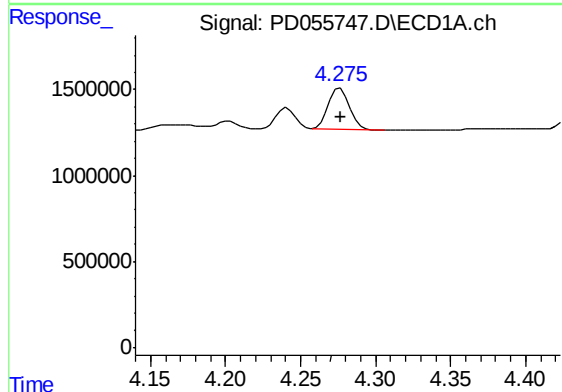
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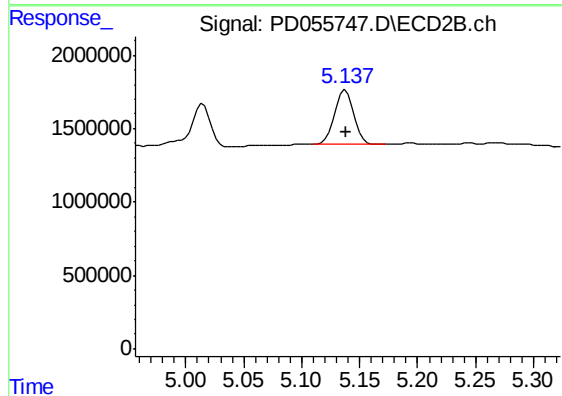
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 4101595
Conc: 2.39 ng/ml



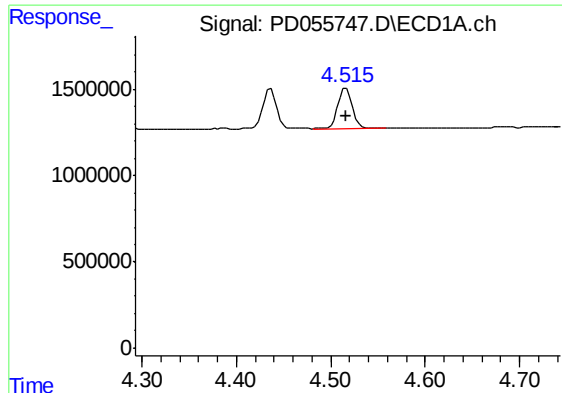
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 2377538
Conc: 2.23 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 4334005
Conc: 2.50 ng/ml



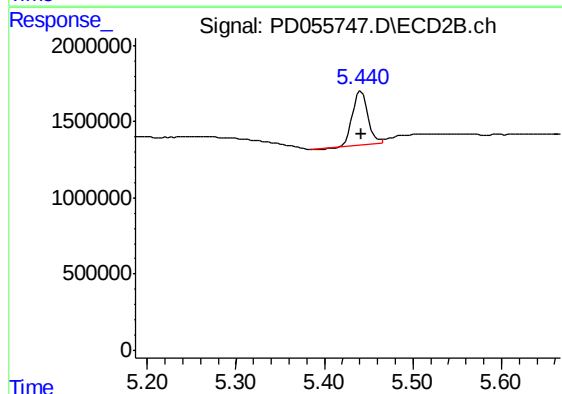
#5 Aldrin

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2500562
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

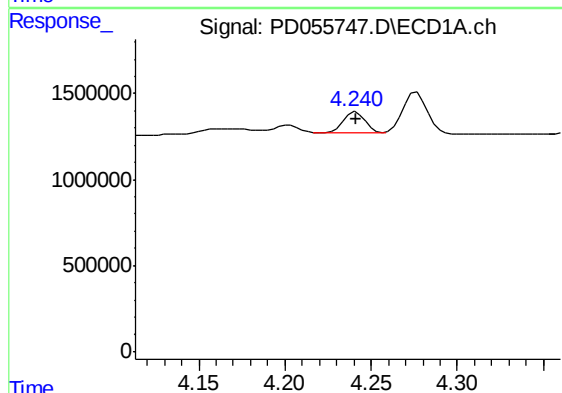
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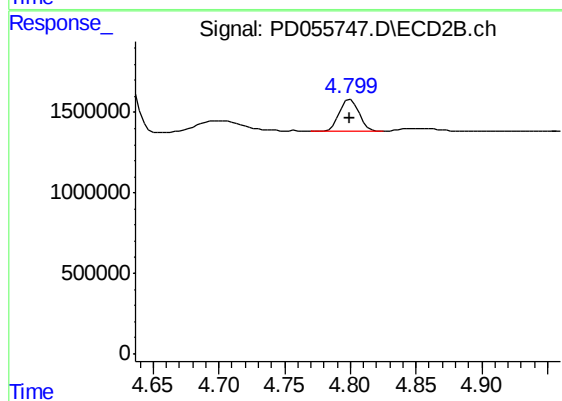
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 4279168
Conc: 2.56 ng/ml



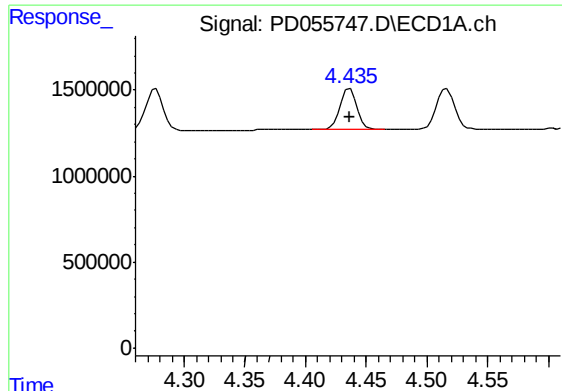
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 1048050
Conc: 2.08 ng/ml



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 1977890
Conc: 2.49 ng/ml



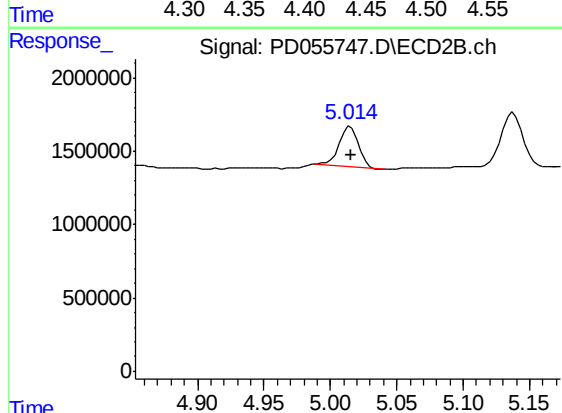
#7 delta-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2291498
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

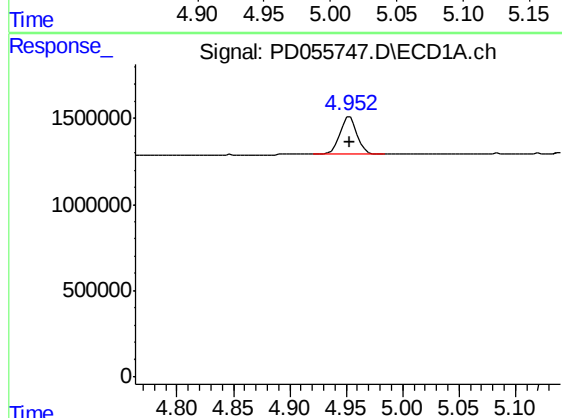
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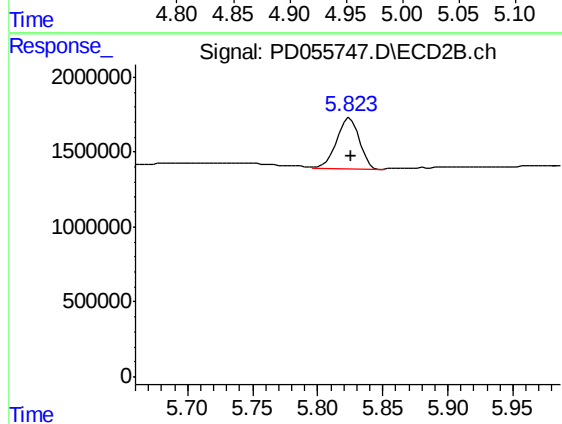
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 2918835
Conc: 1.82 ng/ml



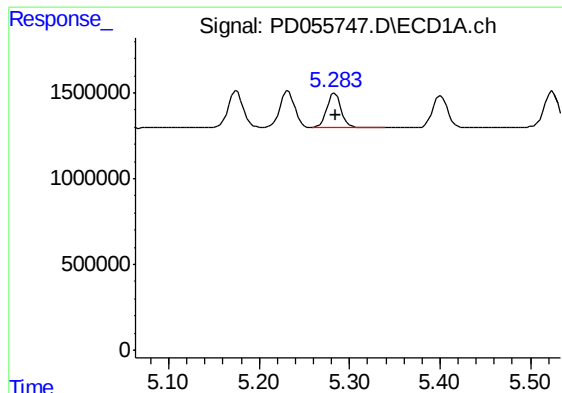
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 2355007
Conc: 2.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4146110
Conc: 2.57 ng/ml



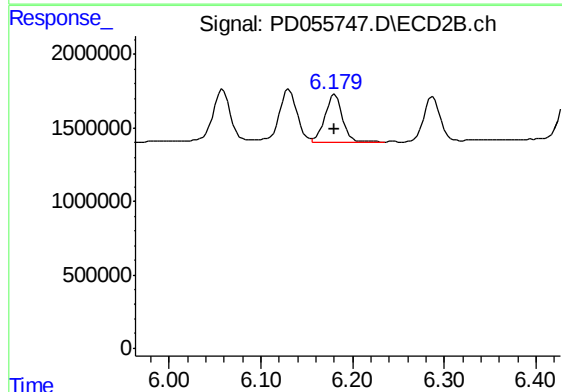
#9 Endosulfan I

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 2265230
Conc: 2.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

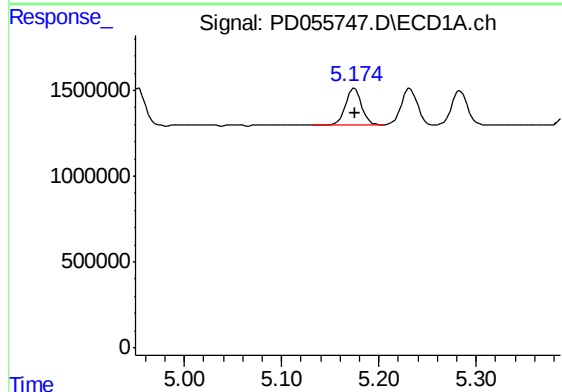
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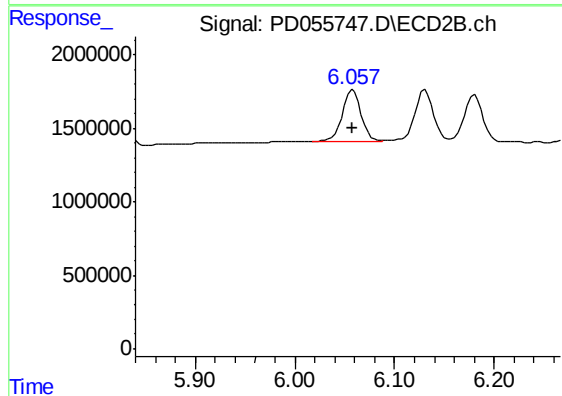
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4307532
Conc: 2.74 ng/ml



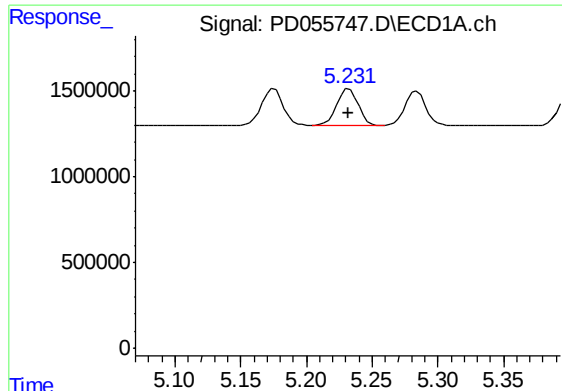
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2509816
Conc: 2.35 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 4577114
Conc: 2.65 ng/ml m



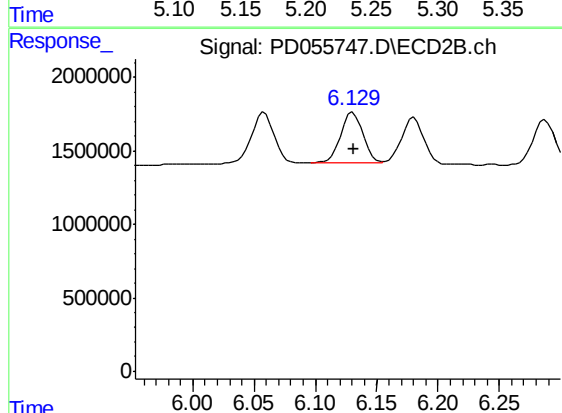
#11 alpha-Chlordane

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2481101
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

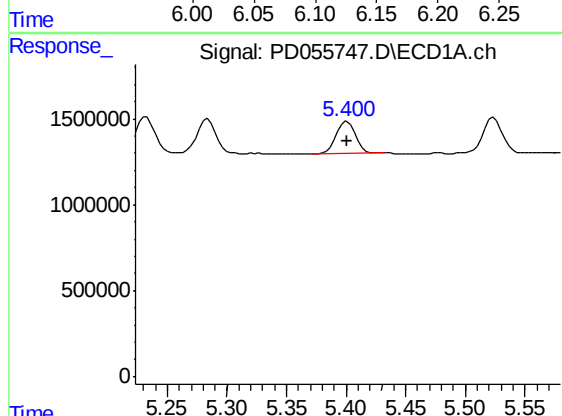
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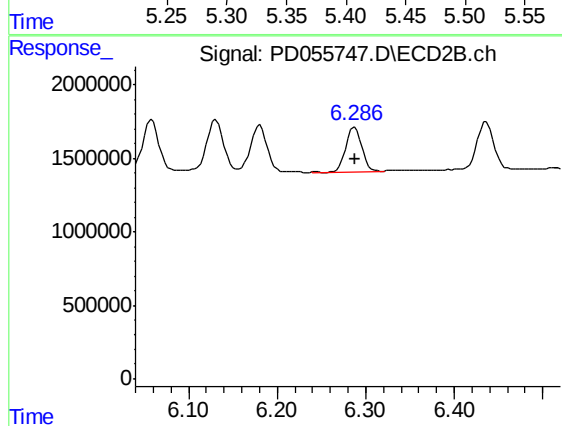
#11 alpha-Chlordane

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 4361431
Conc: 2.54 ng/ml m



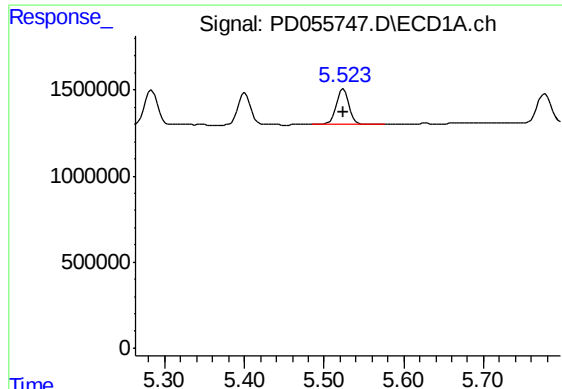
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 2101608
Conc: 2.14 ng/ml



#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 3754948
Conc: 2.35 ng/ml



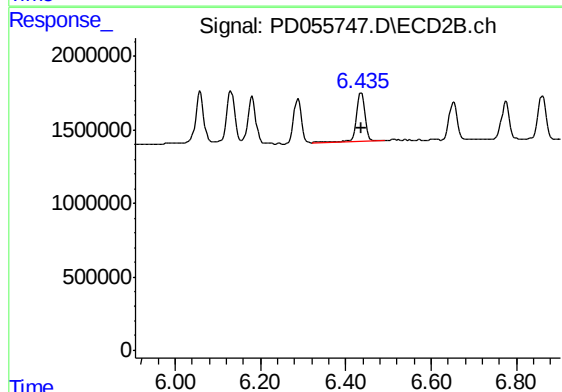
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 2387181
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

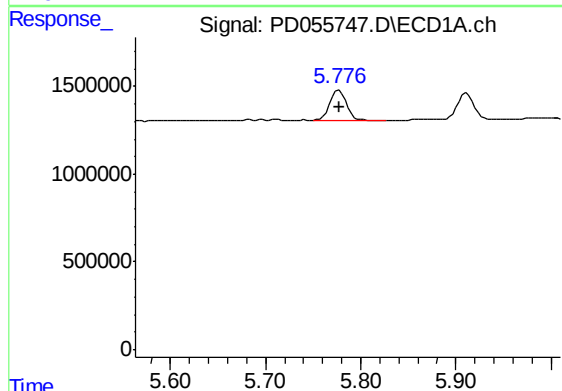
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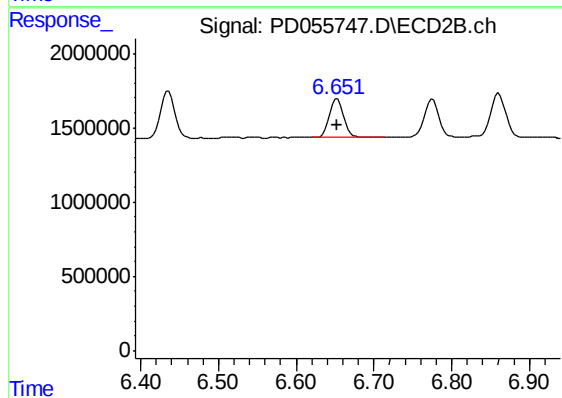
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4335717
Conc: 2.57 ng/ml



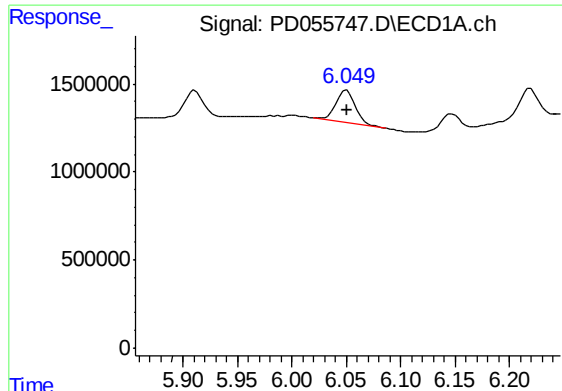
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2093480
Conc: 2.18 ng/ml



#14 Endrin

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 3462374
Conc: 2.40 ng/ml



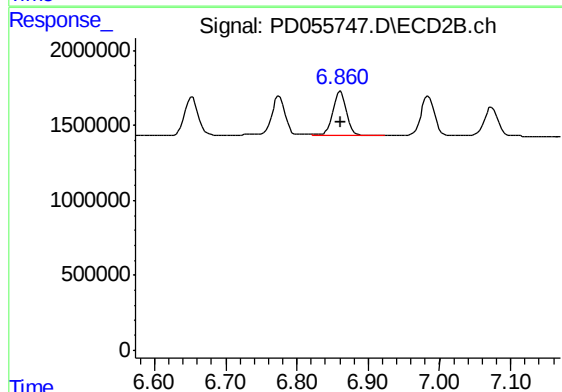
#15 Endosulfan II

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 2157198
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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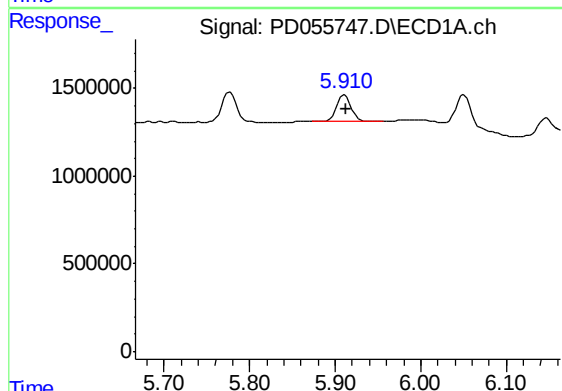
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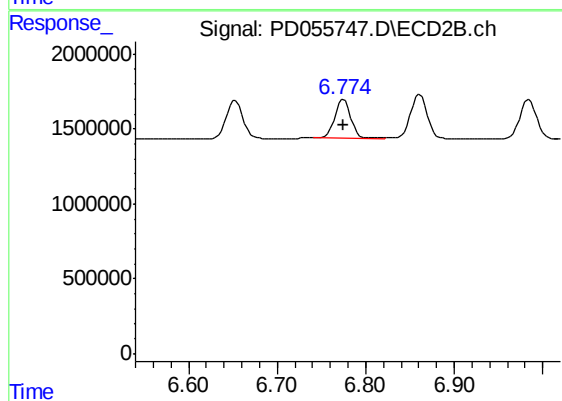
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 3903427
Conc: 2.51 ng/ml



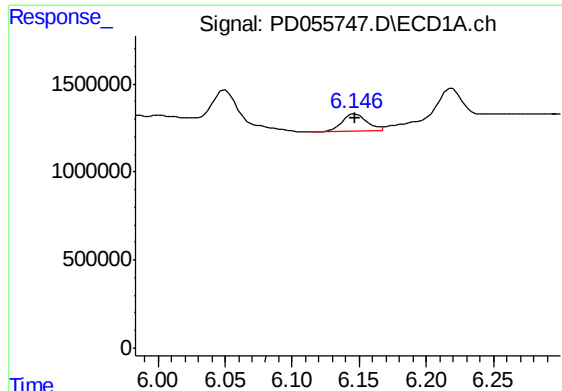
#16 4,4'-DDD

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 1810878
Conc: 2.25 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3276484
Conc: 2.40 ng/ml



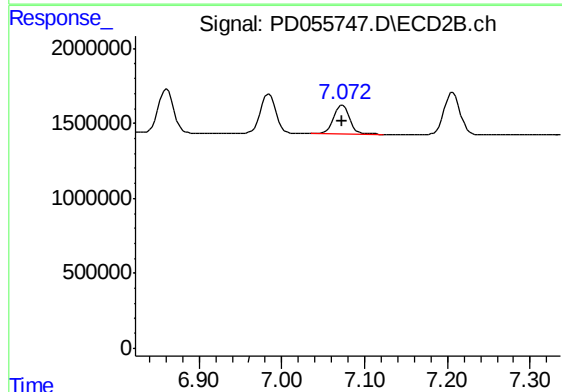
#17 4,4'-DDT

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1257722
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

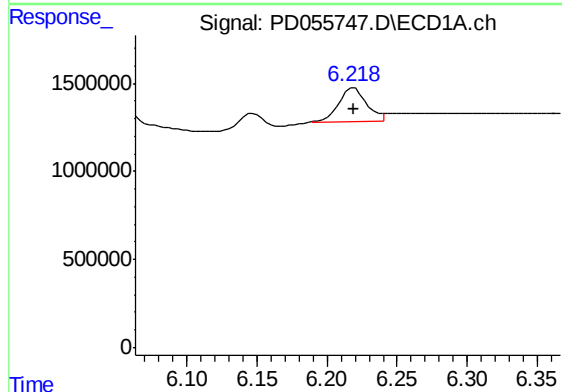
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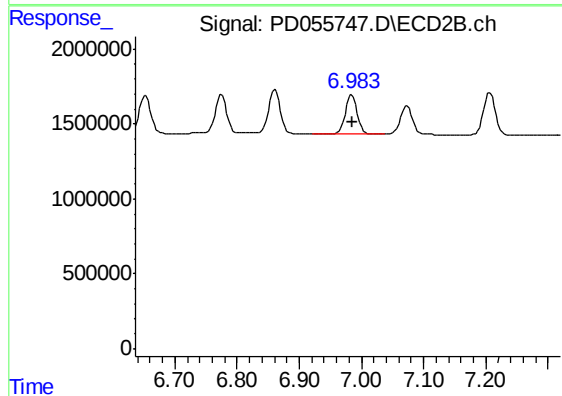
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 2645824
Conc: 1.98 ng/ml



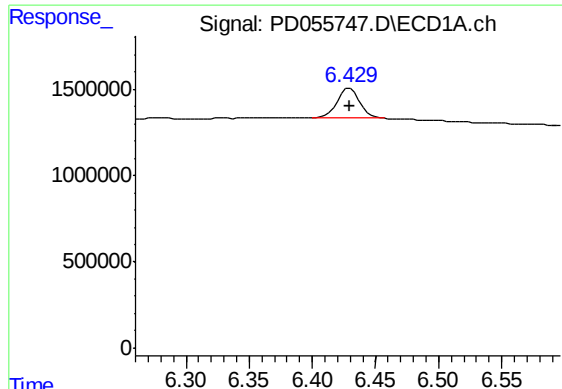
#18 Endrin aldehyde

R.T.: 6.218 min
Delta R.T.: -0.002 min
Response: 2786656
Conc: 3.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 3492529
Conc: 2.60 ng/ml



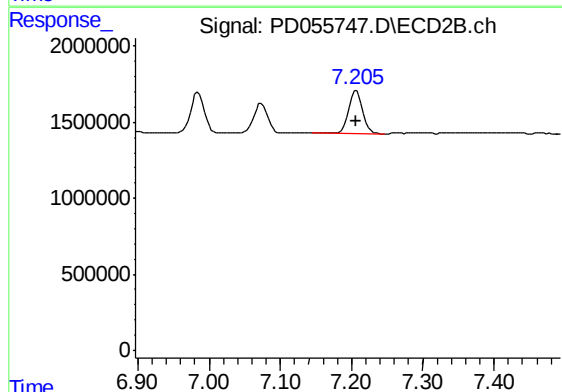
#19 Endosulfan Sulfate

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 2088357
Conc: 2.33 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

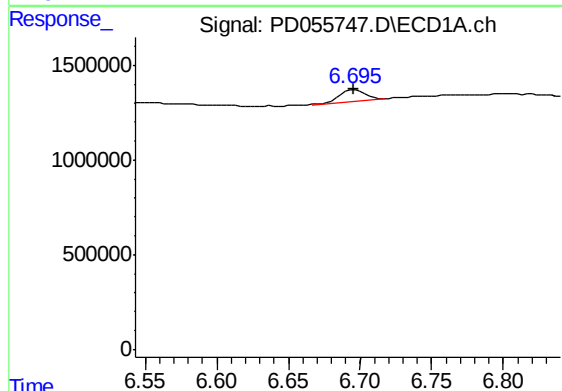
Manual Integrations
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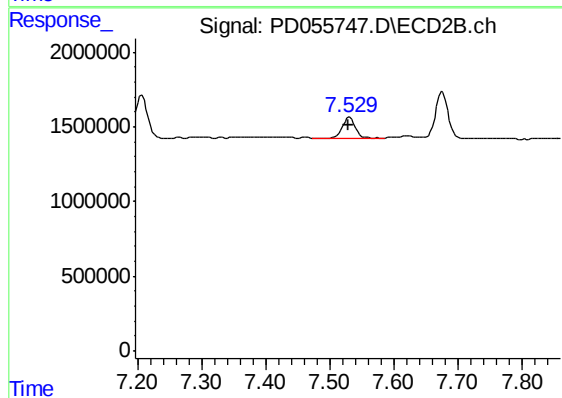
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 3794255
Conc: 2.61 ng/ml



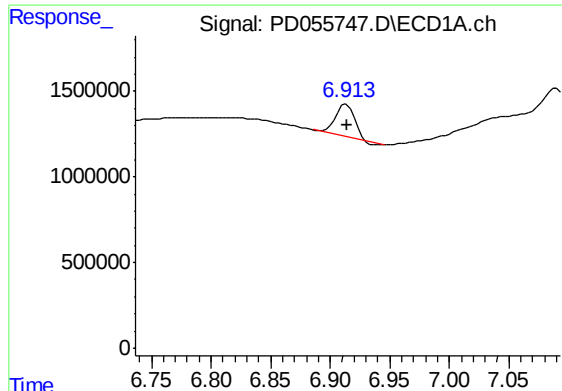
#20 Methoxychlor

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 782282
Conc: 2.00 ng/ml m



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.002 min
Response: 1911758
Conc: 2.39 ng/ml



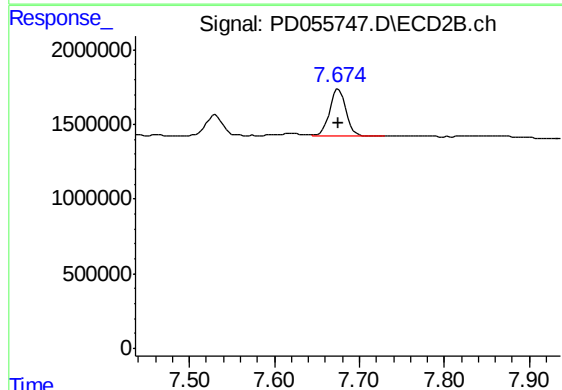
#21 Endrin ketone

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 1873624
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

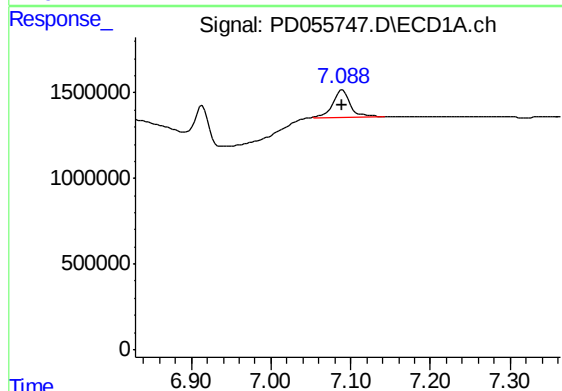
Manual Integrations
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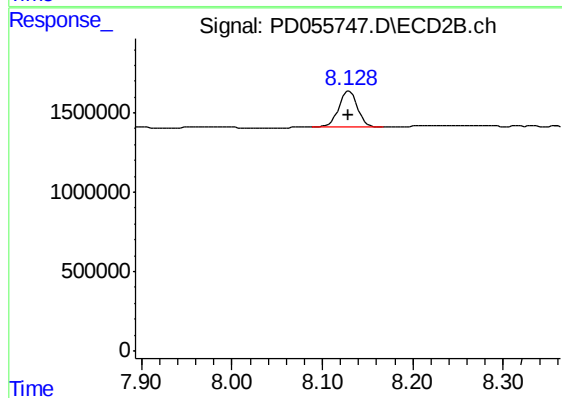
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 4246628
Conc: 2.56 ng/ml



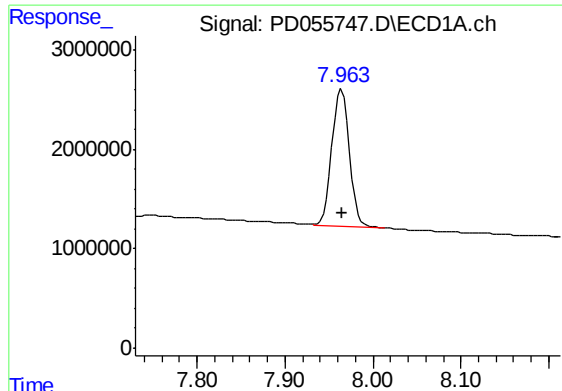
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 2512718
Conc: 3.05 ng/ml



#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.001 min
Response: 3349234
Conc: 2.77 ng/ml m



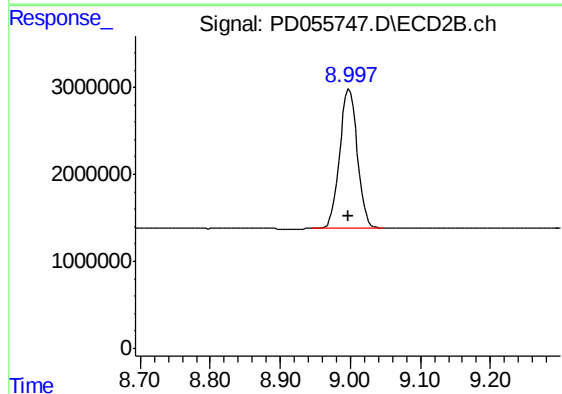
#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 19178746
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:21 PM



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.001 min
Response: 27996045
Conc: 20.12 ng/ml