

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:47
 Operator : AJ\MA
 Sample : L2182-07
 Misc : 1 PPB LOD
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:50:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
 Quant Title : GC Extractables
 QLast Update : Thu May 21 13:46:14 2020
 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...	3.209	3.867	16413532	22637653	21.002	19.877
28)	SA Decachlor...	7.851	8.851	17104127	20907746	21.391	20.167
Target Compounds							
2)	A alpha-BHC	3.632	4.248	1030518	1544077	0.850	0.907
3)	MA gamma-BHC...	3.901	4.528	1202475	1513783	1.025m	0.914
4)	MA Heptachlor	4.183	5.026	982997	1405470	0.918	0.903m
5)	MB Aldrin	4.418	5.326	954650	1884818	0.910	1.288 #
6)	B beta-BHC	4.153	4.699	551624	381705	1.141	0.569 #
7)	B delta-BHC	4.342	4.908	911787	1349761	0.799m	0.920
8)	B Heptachlo...	4.850	5.709	887775	2033815	0.909m	1.463 #
9)	A Endosulfan I	5.177	6.062	851511	1175277	0.933m	0.931
10)	B gamma-Chl...	5.070	5.942	907962	1475840	0.914m	1.058
11)	B alpha-Chl...	5.126	6.014	911724	1333522	0.922m	0.961
12)	B 4,4'-DDE	5.296	6.173	786356	1201299	0.844m	0.941
13)	MA Dieldrin	5.416	6.317	868696	1245655	0.885	0.936
14)	MA Endrin	5.667	6.530	791534	1009763	0.989	0.956m
15)	B Endosulfa...	5.940	6.741	733378	1301533	0.845m	1.083 #
16)	A 4,4'-DDD	5.806	6.660	760364	1165103	0.944	1.052
17)	MA 4,4'-DDT	6.038	6.954	521967	699247	0.757m	0.702m
18)	B Endrin al...	6.109	6.863	463150	1121801	0.633	1.084m#
19)	B Endosulfa...	6.319	7.087	719339	1133502	0.882	1.010
20)	A Methoxychlor	6.586	7.414	287848	449711	0.729	0.780m
21)	B Endrin ke...	6.799	7.552	1679487	1257100	1.551	0.955 #
22)	Mirex	6.970	8.001	966725	1007067	1.373m	1.059

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 14:47
Operator : AJ\MA
Sample : L2182-07
Misc : 1 PPB LOD
ALS Vial : 20 Sample Multiplier: 1

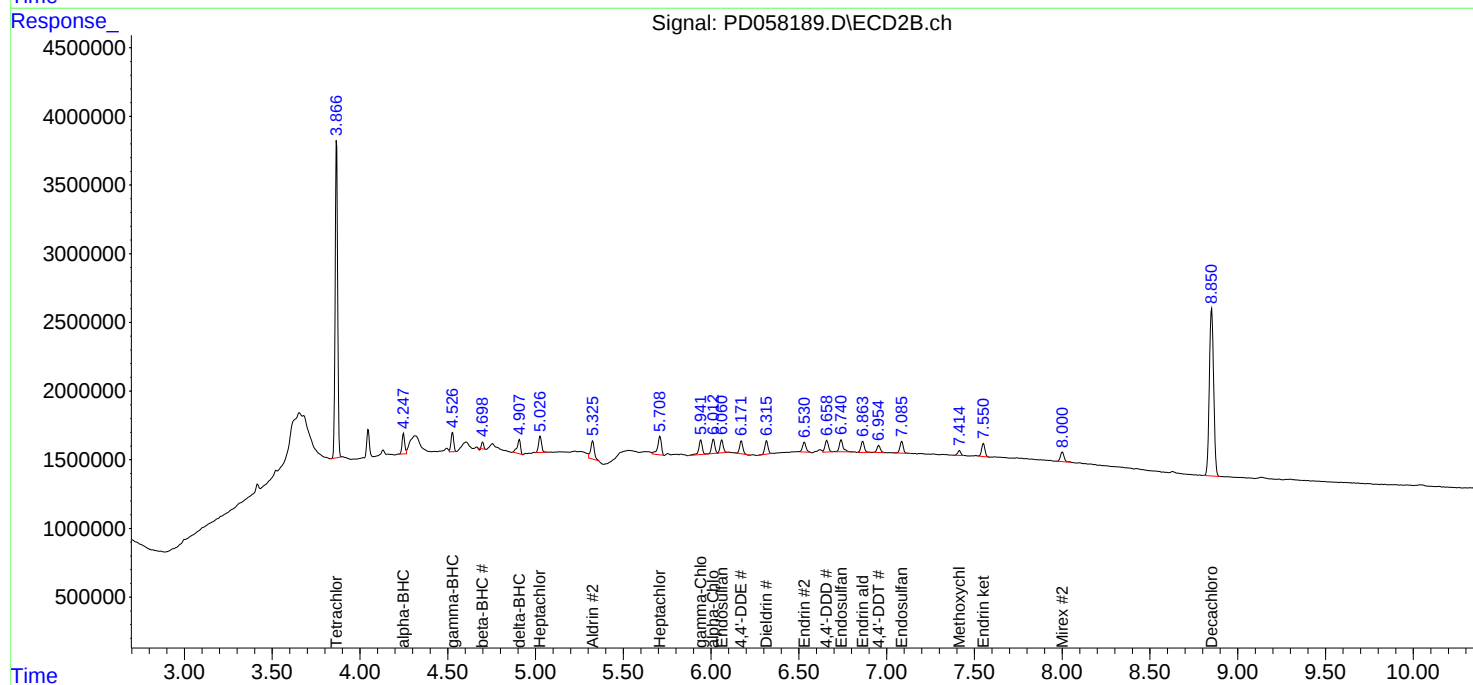
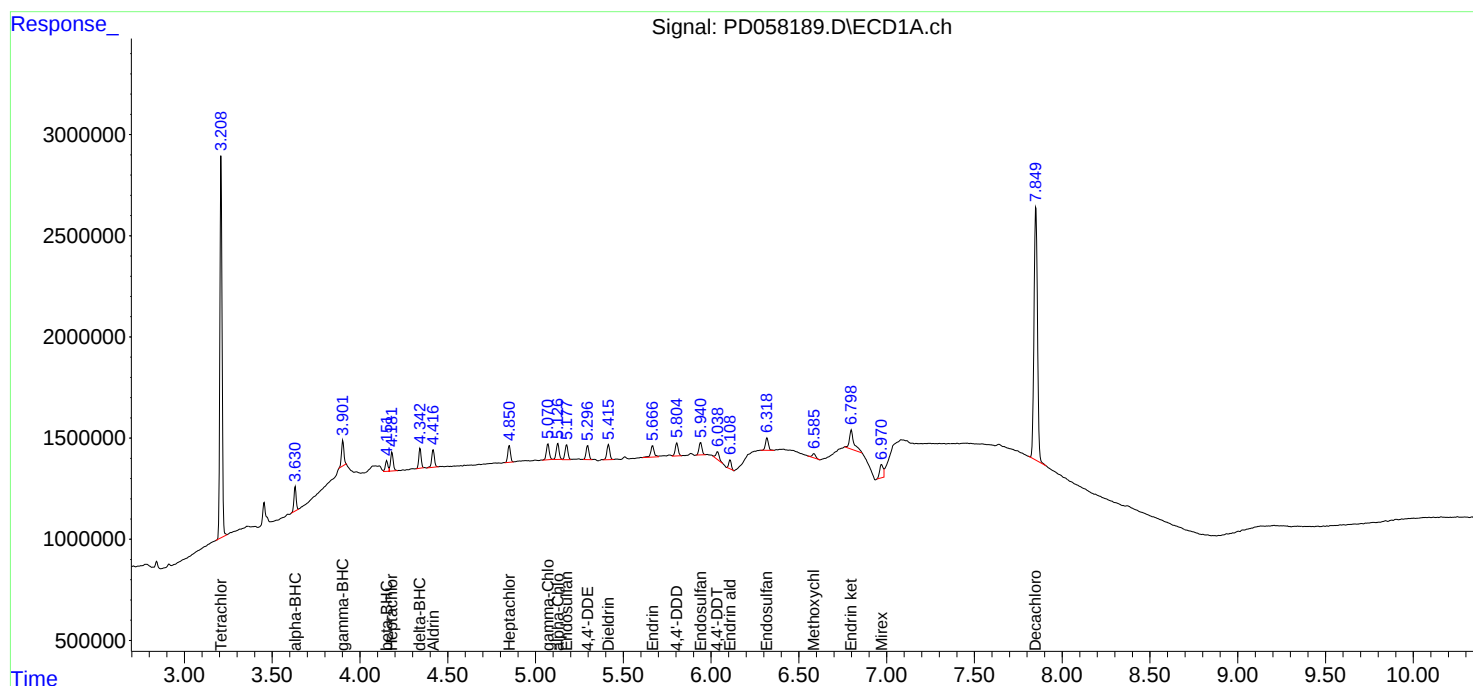
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

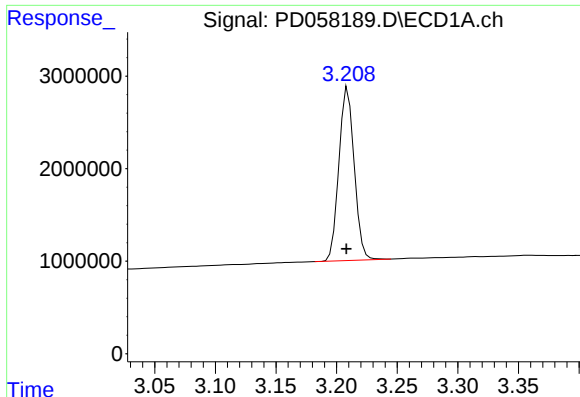
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:50:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





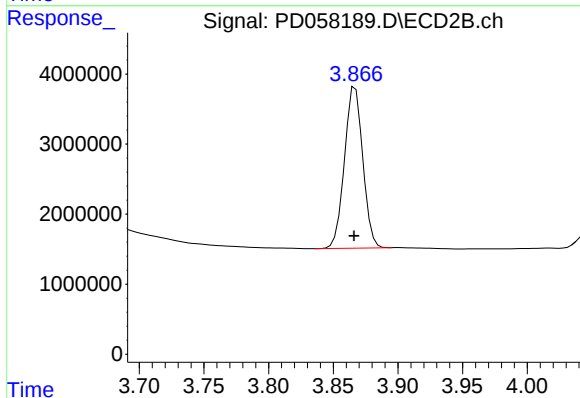
#1 Tetrachloro-m-xylene

R.T.: 3.209 min
Delta R.T.: 0.001 min
Response: 16413532
Conc: 21.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

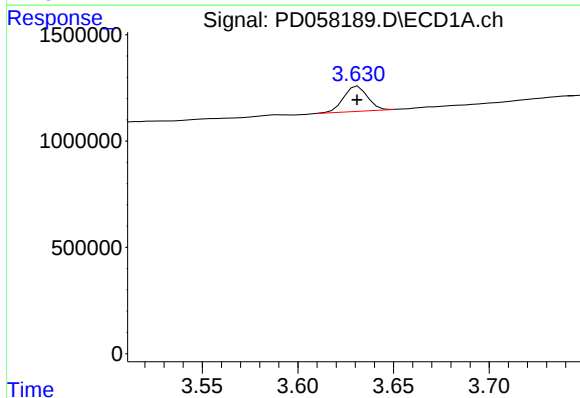
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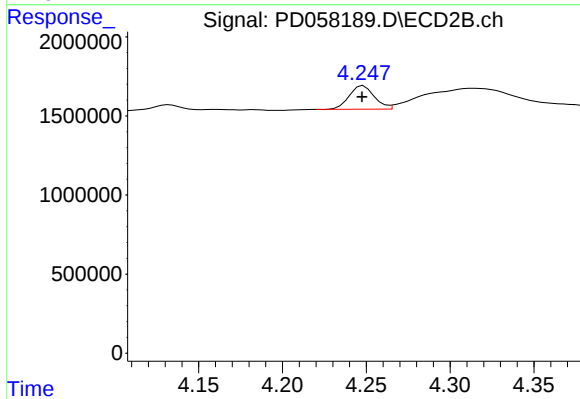
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 22637653
Conc: 19.88 ng/ml



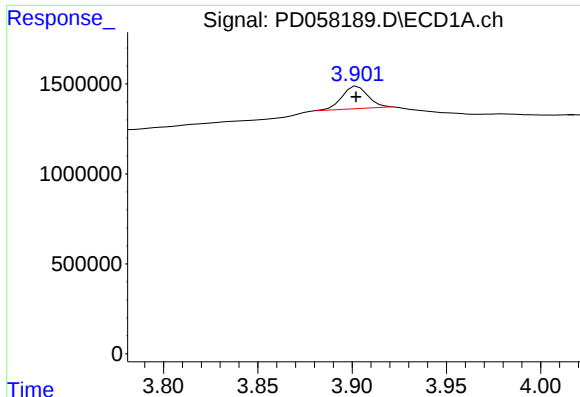
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1030518
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 1544077
Conc: 0.91 ng/ml



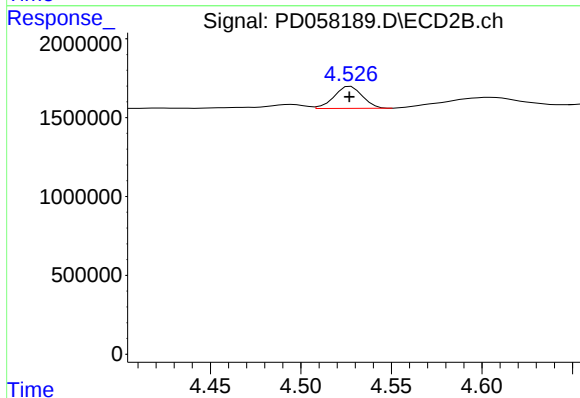
#3 gamma-BHC (Lindane)

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 1202475
Conc: 1.03 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

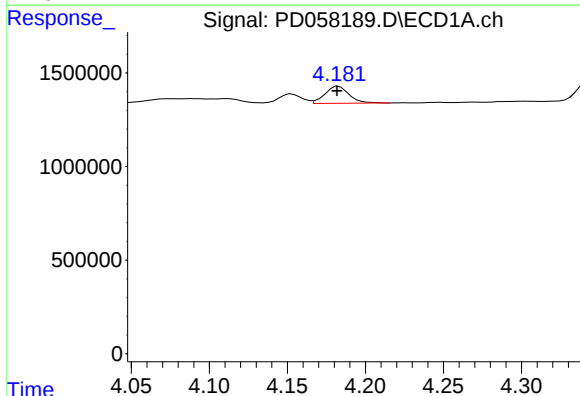
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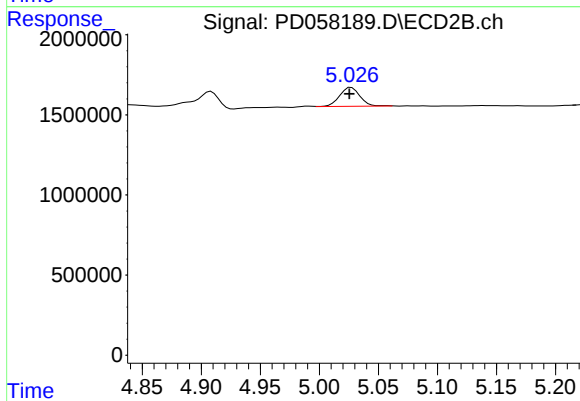
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1513783
Conc: 0.91 ng/ml



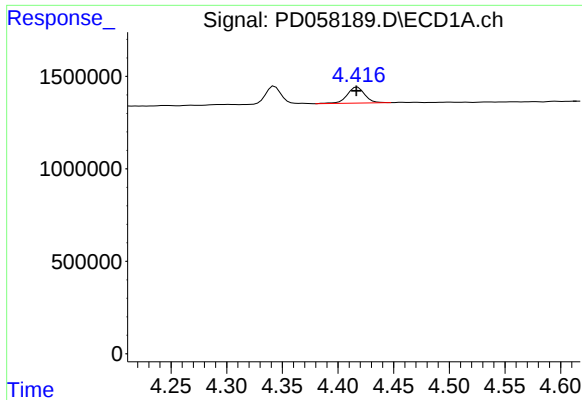
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 982997
Conc: 0.92 ng/ml



#4 Heptachlor

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 1405470
Conc: 0.90 ng/ml m



#5 Aldrin

R.T.: 4.418 min

Delta R.T.: 0.001 min

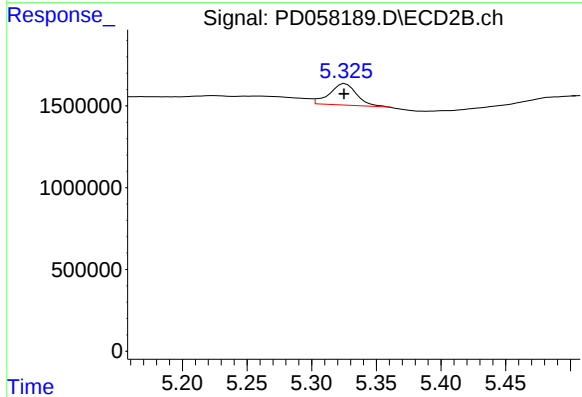
Response: 954650

Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
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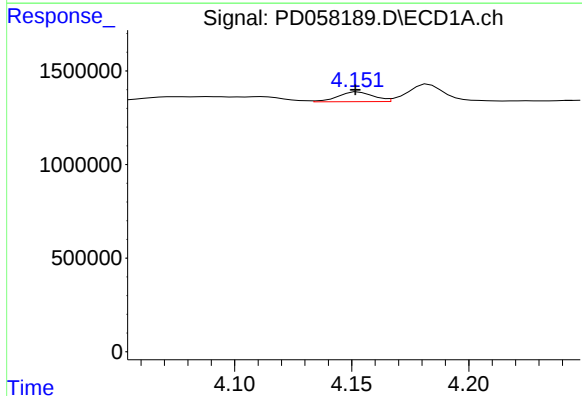
#5 Aldrin

R.T.: 5.326 min

Delta R.T.: 0.000 min

Response: 1884818

Conc: 1.29 ng/ml



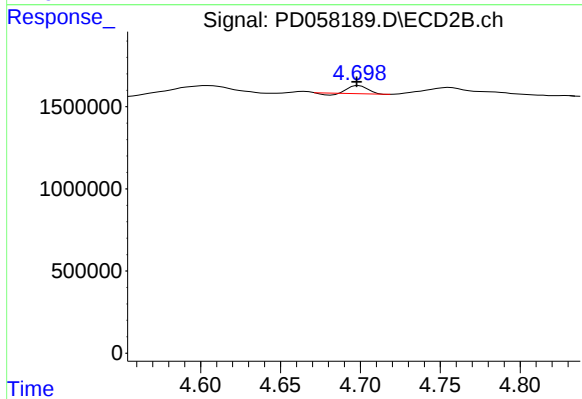
#6 beta-BHC

R.T.: 4.153 min

Delta R.T.: 0.001 min

Response: 551624

Conc: 1.14 ng/ml



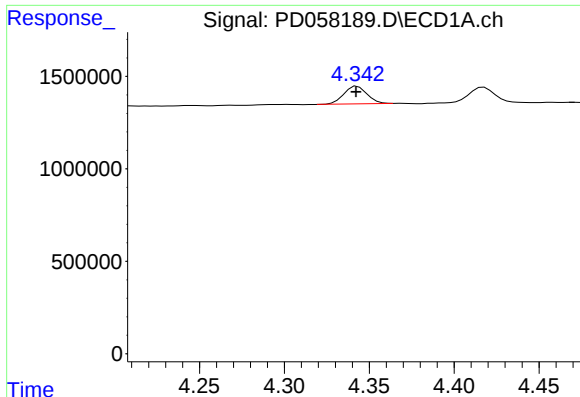
#6 beta-BHC

R.T.: 4.699 min

Delta R.T.: 0.002 min

Response: 381705

Conc: 0.57 ng/ml



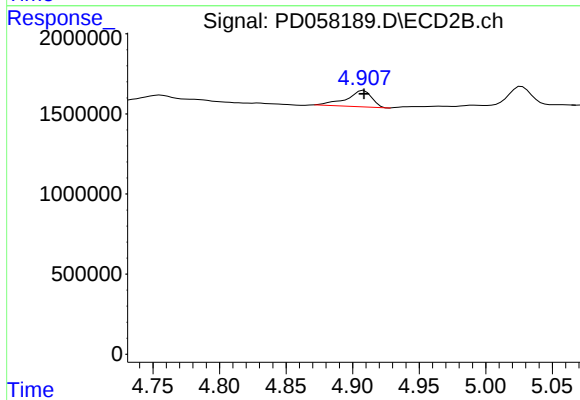
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 911787
Conc: 0.80 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

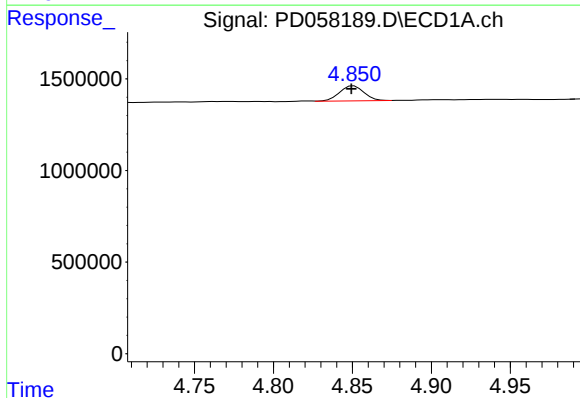
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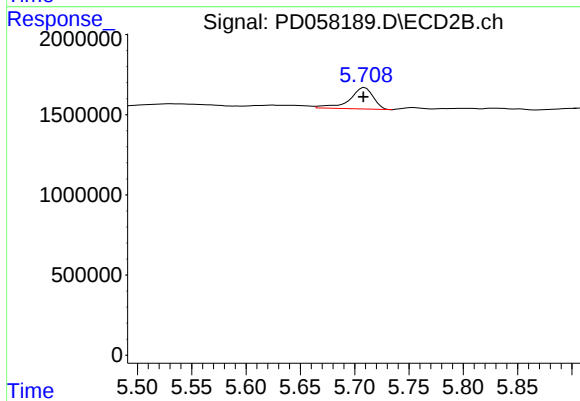
#7 delta-BHC

R.T.: 4.908 min
Delta R.T.: 0.000 min
Response: 1349761
Conc: 0.92 ng/ml



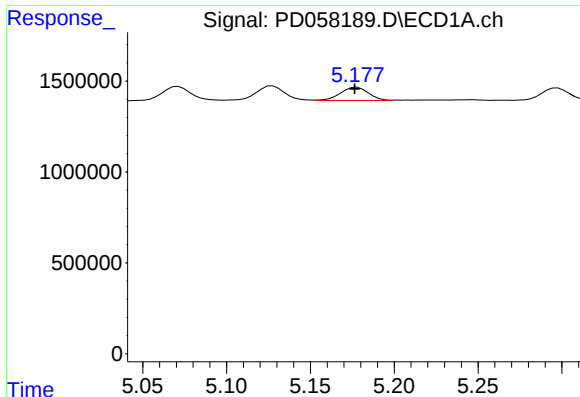
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 887775
Conc: 0.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 2033815
Conc: 1.46 ng/ml



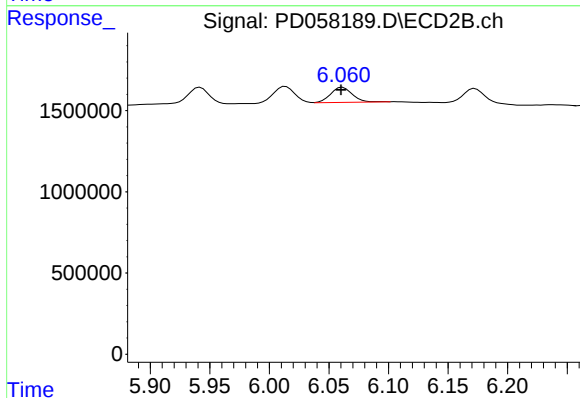
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 851511
Conc: 0.93 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

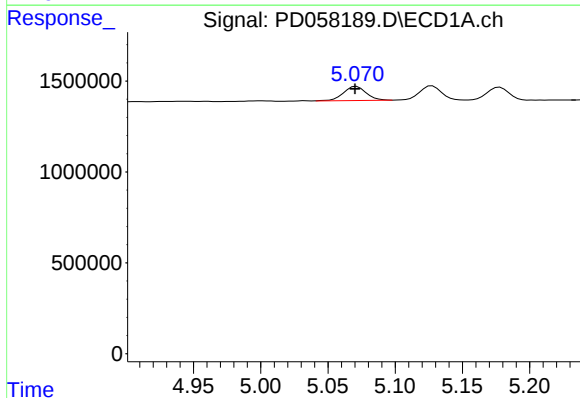
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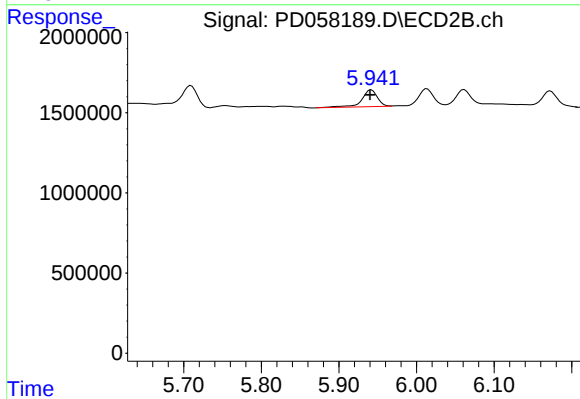
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.001 min
Response: 1175277
Conc: 0.93 ng/ml



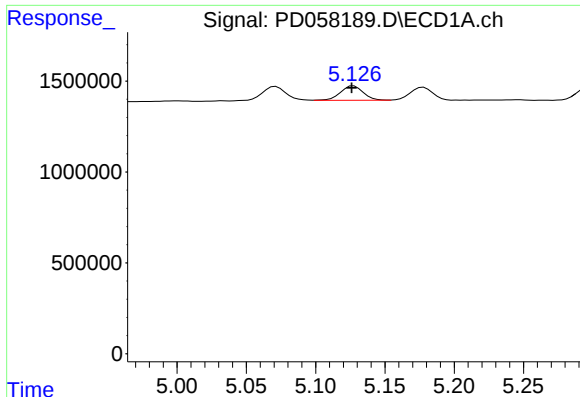
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 907962
Conc: 0.91 ng/ml m



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 1475840
Conc: 1.06 ng/ml



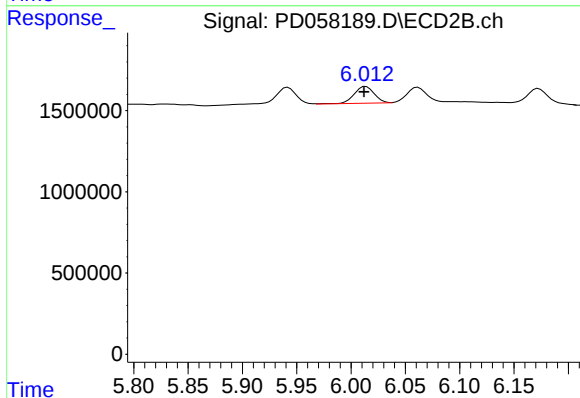
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 911724
Conc: 0.92 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

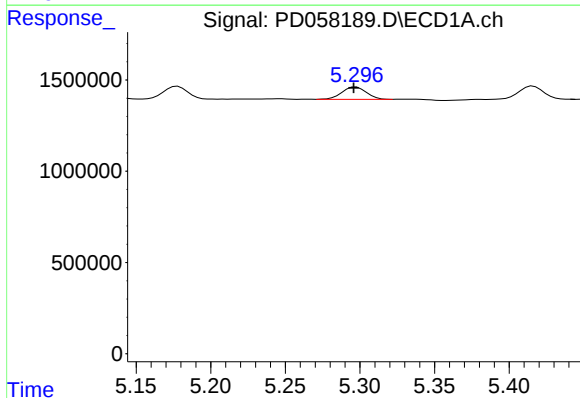
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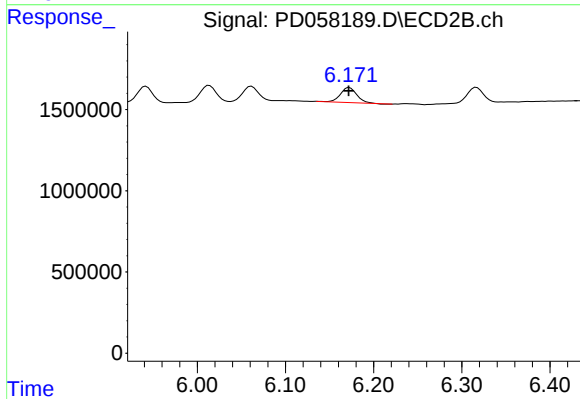
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 1333522
Conc: 0.96 ng/ml



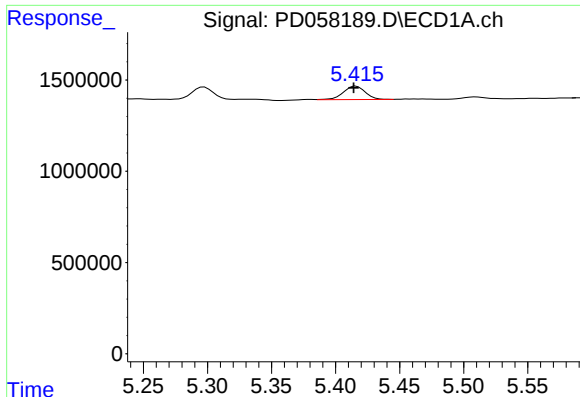
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 786356
Conc: 0.84 ng/ml m



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1201299
Conc: 0.94 ng/ml



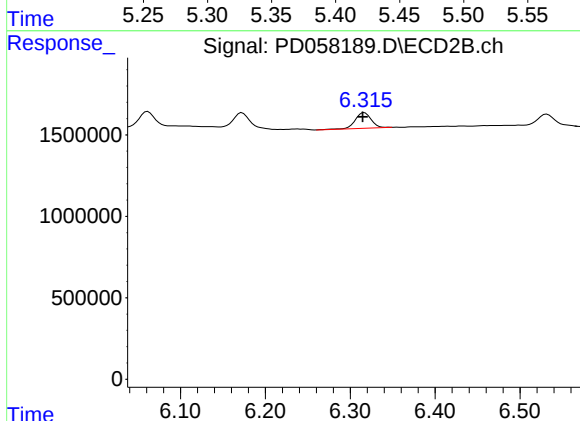
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.002 min
Response: 868696
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

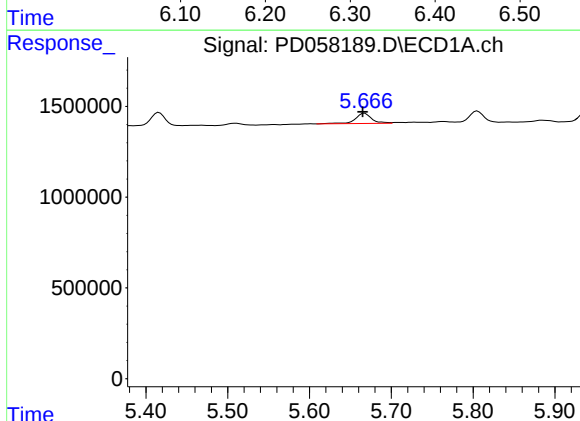
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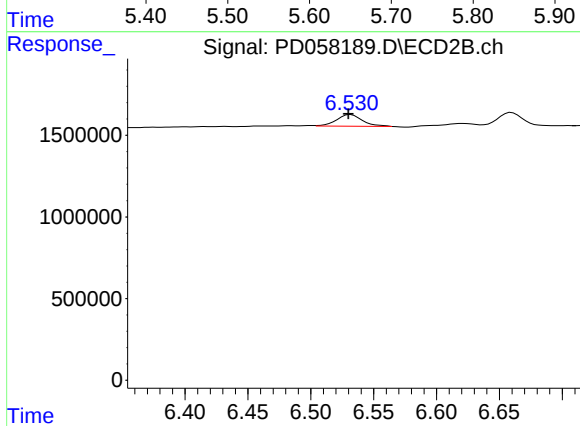
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: 0.002 min
Response: 1245655
Conc: 0.94 ng/ml



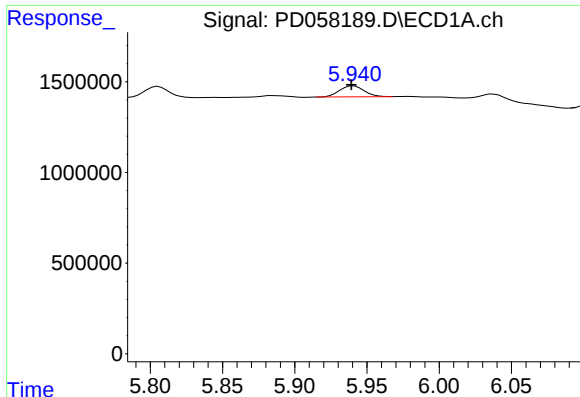
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 791534
Conc: 0.99 ng/ml



#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 1009763
Conc: 0.96 ng/ml m



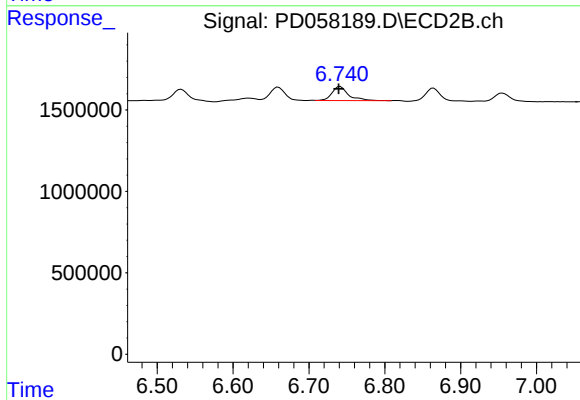
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 733378
Conc: 0.85 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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#15 Endosulfan II

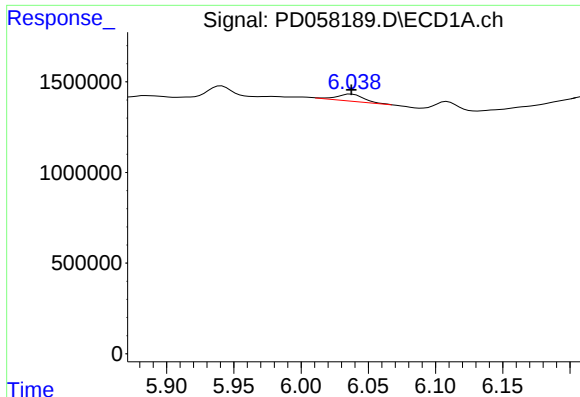
R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 1301533
Conc: 1.08 ng/ml

#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.002 min
Response: 760364
Conc: 0.94 ng/ml

#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 1165103
Conc: 1.05 ng/ml



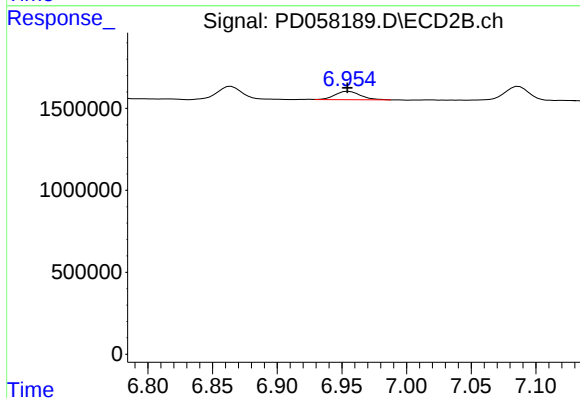
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 521967
Conc: 0.76 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

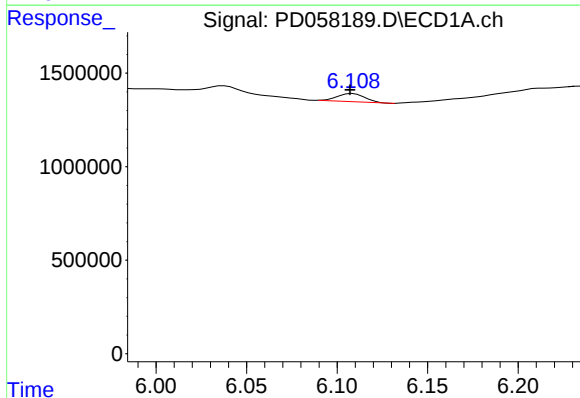
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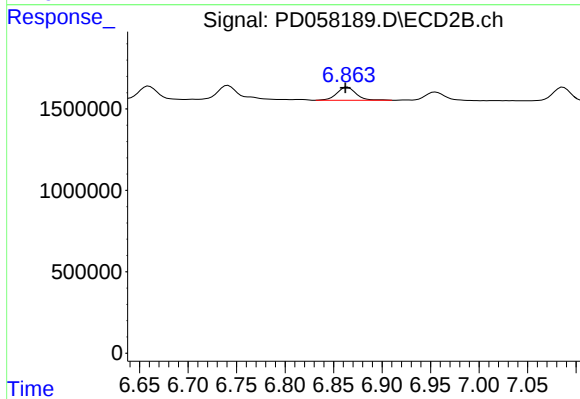
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 699247
Conc: 0.70 ng/ml m



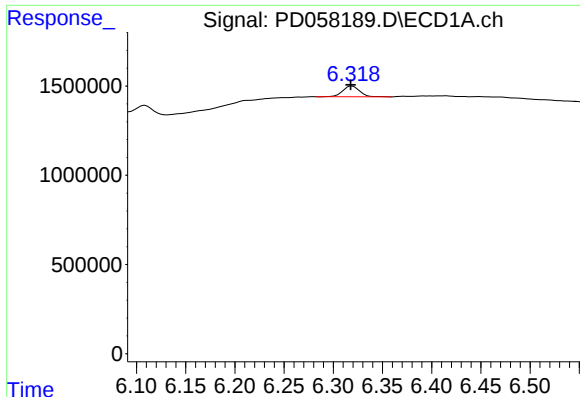
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 463150
Conc: 0.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 1121801
Conc: 1.08 ng/ml m



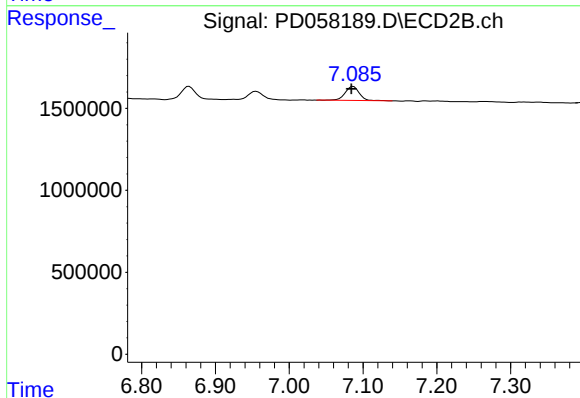
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 719339
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
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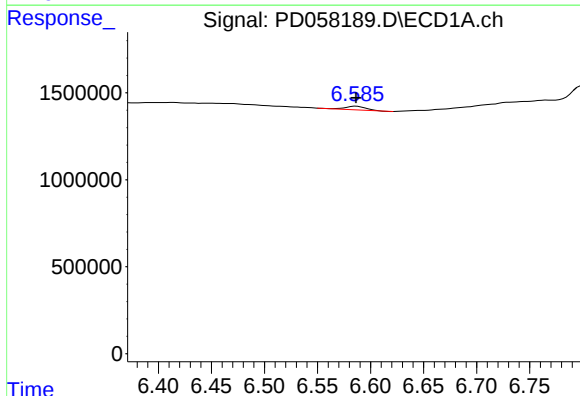
Manual Integrations
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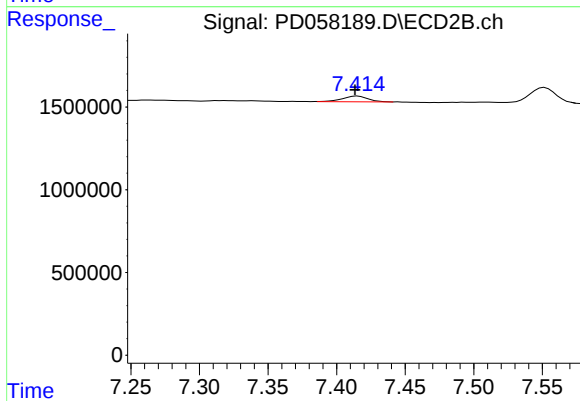
#19 Endosulfan Sulfate

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 1133502
Conc: 1.01 ng/ml



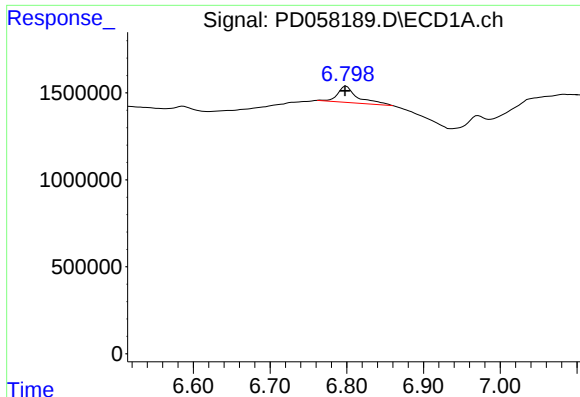
#20 Methoxychlor

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 287848
Conc: 0.73 ng/ml



#20 Methoxychlor

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 449711
Conc: 0.78 ng/ml m



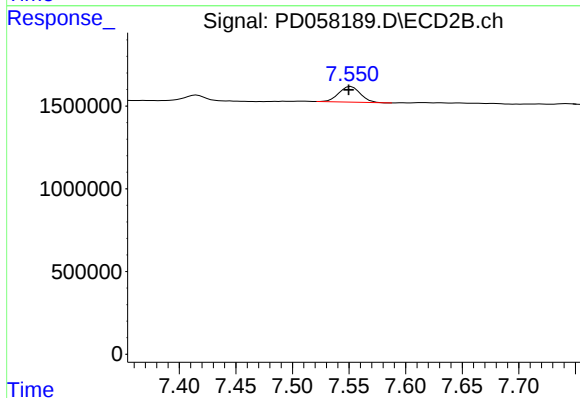
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 1679487
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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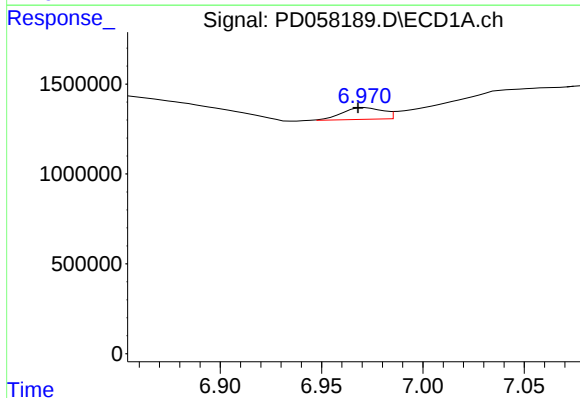
Manual Integrations
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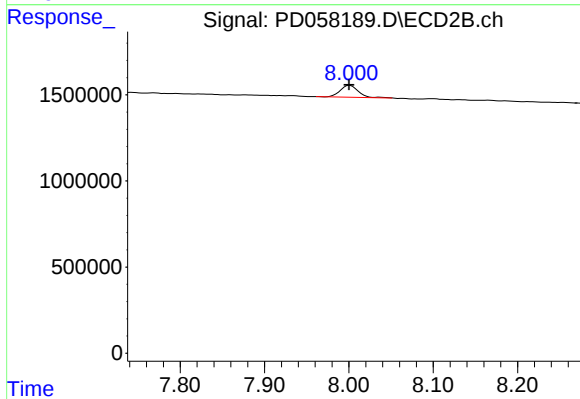
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.002 min
Response: 1257100
Conc: 0.95 ng/ml



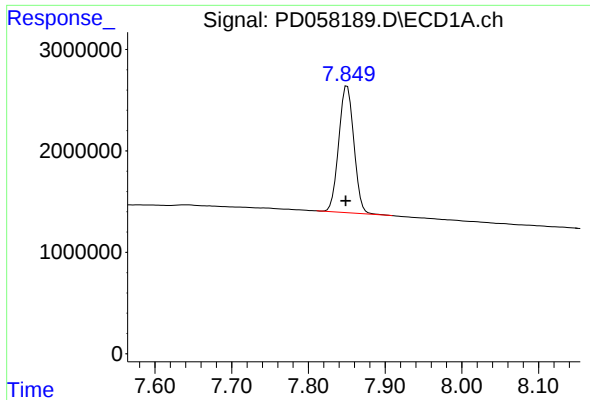
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 966725
Conc: 1.37 ng/ml m



#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 1007067
Conc: 1.06 ng/ml



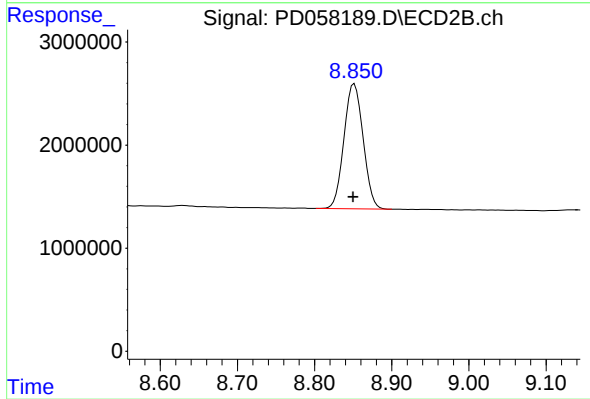
#28 Decachlorobiphenyl

R.T.: 7.851 min
Delta R.T.: 0.002 min
Response: 17104127
Conc: 21.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:05 PM



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.002 min
Response: 20907746
Conc: 20.17 ng/ml