

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052920\
 Data File : PD058219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2020 13:19
 Operator : AJ\MA
 Sample : L2182-09
 Misc : 1 PPB MDL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 14:08:33 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	16634627	23800920	21.285	20.898
28)	SA Decachlor...	7.851	8.853	19678462	25051588	24.611	24.164
Target Compounds							
2)	A alpha-BHC	3.631	4.248	1094405	1745780	0.903	1.025
3)	MA gamma-BHC...	3.901	4.528	1340670	1516788	1.143m	0.916
4)	MA Heptachlor	4.182	5.026	1060714	1449784	0.991	0.931m
5)	MB Aldrin	4.416	5.326	896162	1527278	0.854m	1.044
6)	B beta-BHC	4.152	4.698	354802	551818	0.734m	0.823m
7)	B delta-BHC	4.342	4.901	941872	461451	0.825m	0.314m#
8)	B Heptachlo...	4.849	5.707	866741	2169908	0.888m	1.561m#
9)	A Endosulfan I	5.176	6.061	873101	1224529	0.957m	0.970m
10)	B gamma-Chl...	5.071	5.942	1274075	2092151	1.283	1.500
11)	B alpha-Chl...	5.127	6.014	1536055	1904733	1.553	1.372
12)	B 4,4'-DDE	5.296	6.173	798746	1580416	0.858m	1.237 #
13)	MA Dieldrin	5.414	6.317	900951	1338858	0.918m	1.006
14)	MA Endrin	5.667	6.530	1049924	1129001	1.312	1.069m
15)	B Endosulfa...	5.941	6.740	681451	1166683	0.785	0.970m
16)	A 4,4'-DDD	5.805	6.659	786046	1036394	0.975	0.936m
17)	MA 4,4'-DDT	6.037	6.955	687431	1015219	0.997	1.020m
18)	B Endrin al...	6.109	6.863	471462	1038656	0.645	1.004m#
19)	B Endosulfa...	6.319	7.085	801637	1269435	0.983	1.131m
20)	A Methoxychlor	6.587	7.415	379189	632267	0.961	1.096m
21)	B Endrin ke...	6.798	7.552	818031	1399239	0.755m	1.063 #
22)	Mirex	6.972	8.002	430190	1204126	0.611	1.267 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052920\
Data File : PD058219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2020 13:19
Operator : AJ\MA
Sample : L2182-09
Misc : 1 PPB MDL
ALS Vial : 14 Sample Multiplier: 1

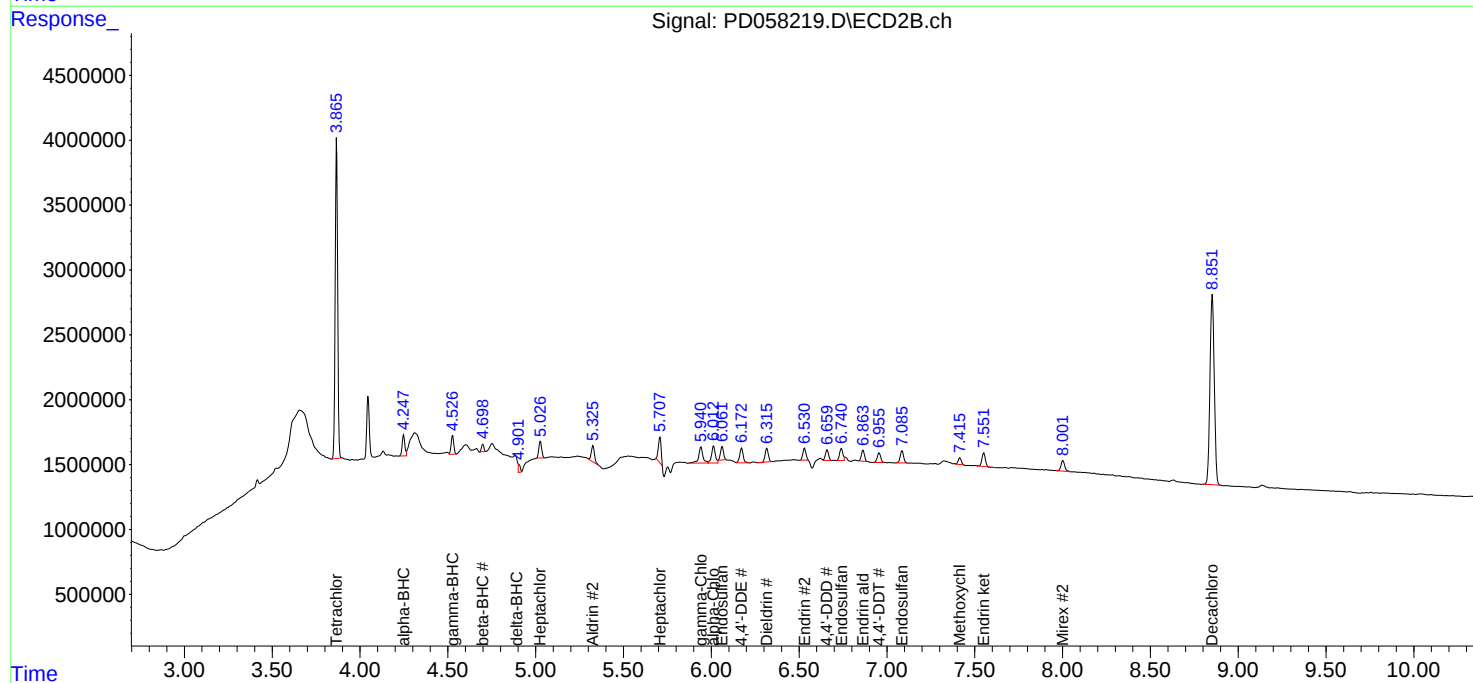
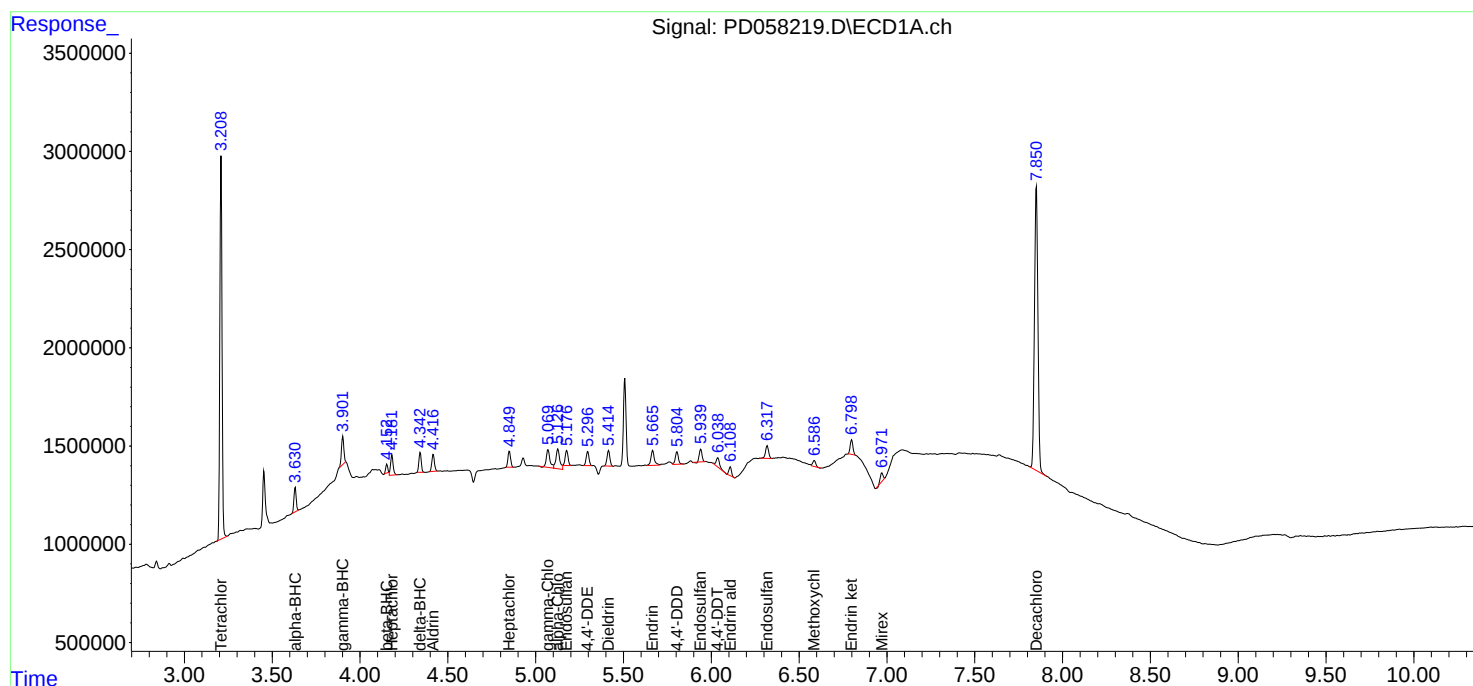
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

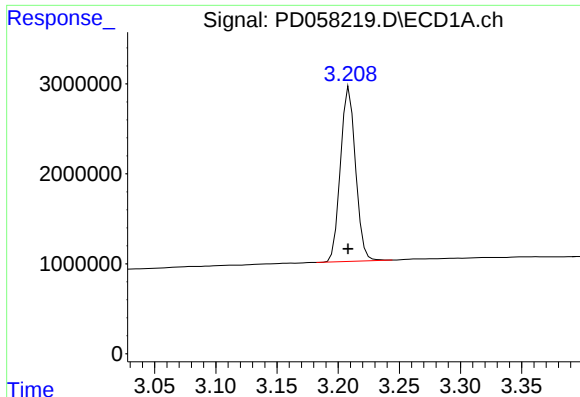
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 14:08:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





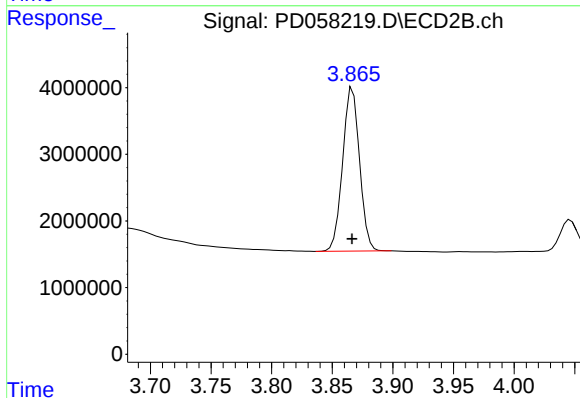
#1 Tetrachloro-m-xylene

R.T.: 3.209 min
Delta R.T.: 0.001 min
Response: 16634627
Conc: 21.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

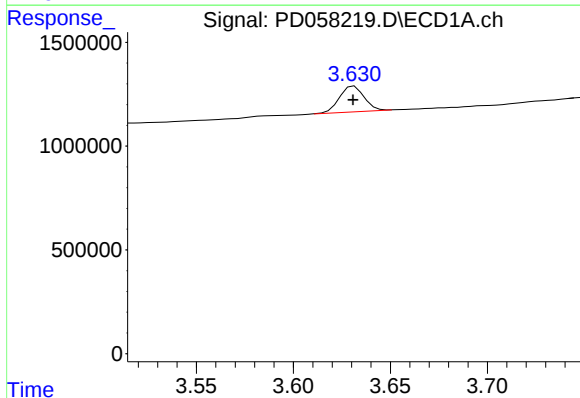
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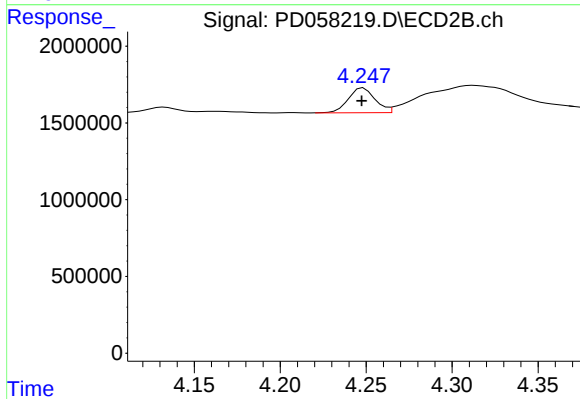
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 23800920
Conc: 20.90 ng/ml



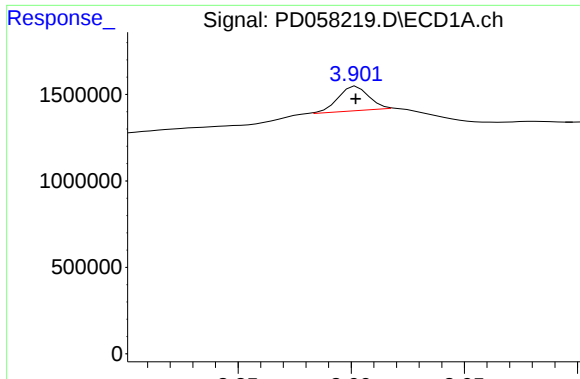
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 1094405
Conc: 0.90 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.001 min
Response: 1745780
Conc: 1.03 ng/ml



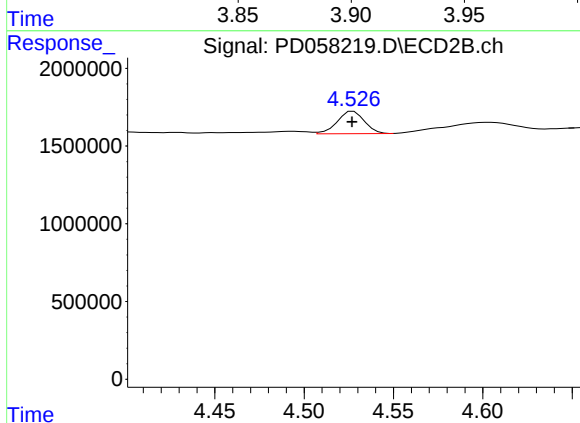
#3 gamma-BHC (Lindane)

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 1340670
Conc: 1.14 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

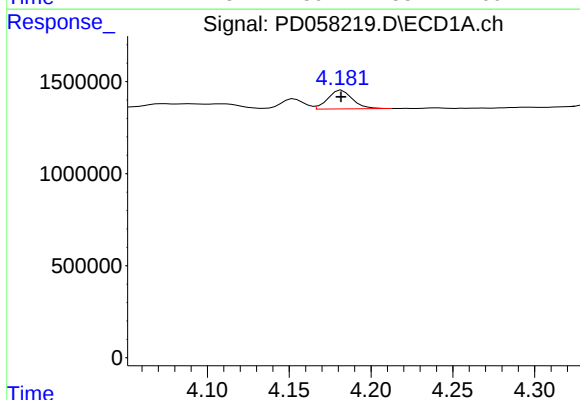
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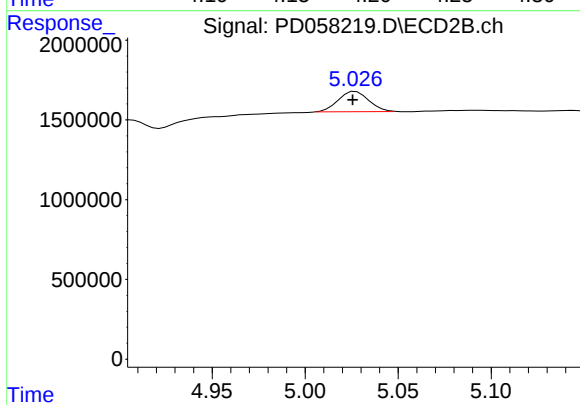
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1516788
Conc: 0.92 ng/ml



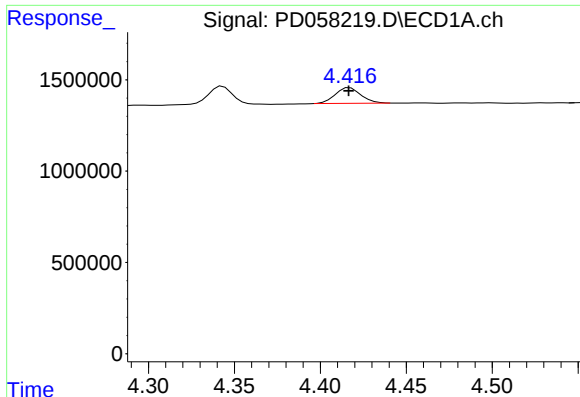
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 1060714
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 1449784
Conc: 0.93 ng/ml m



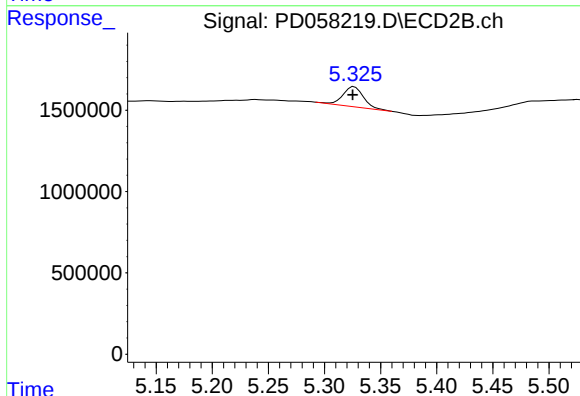
#5 Aldrin

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 896162
Conc: 0.85 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

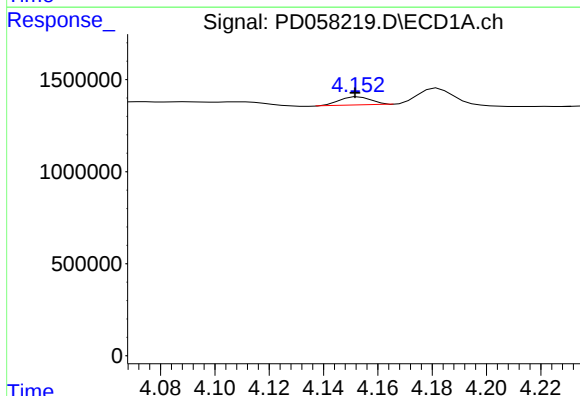
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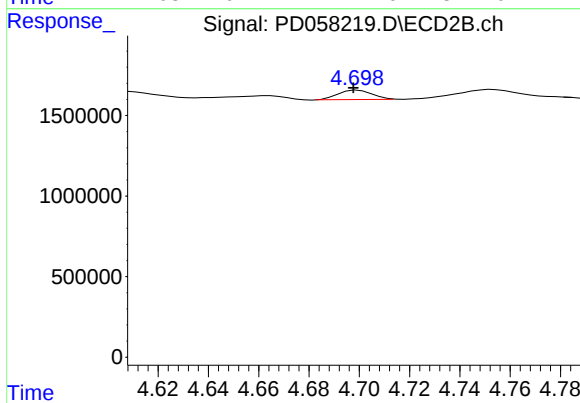
#5 Aldrin

R.T.: 5.326 min
Delta R.T.: 0.001 min
Response: 1527278
Conc: 1.04 ng/ml



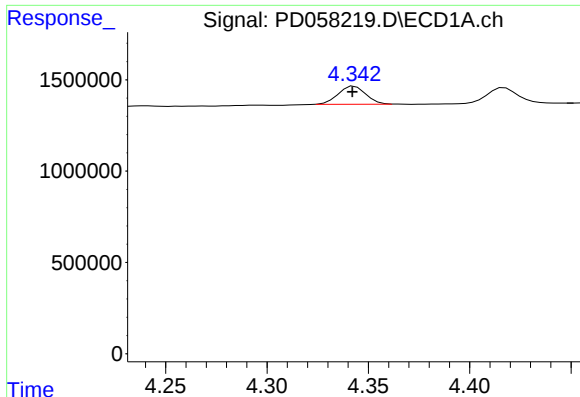
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 354802
Conc: 0.73 ng/ml m



#6 beta-BHC

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 551818
Conc: 0.82 ng/ml m



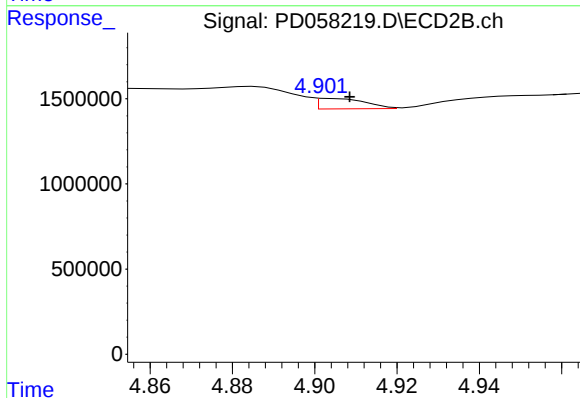
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 941872
Conc: 0.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

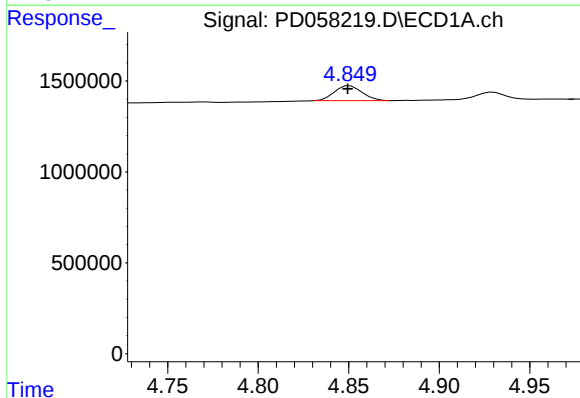
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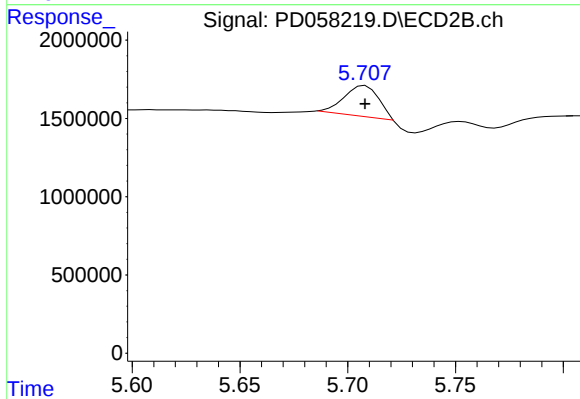
#7 delta-BHC

R.T.: 4.901 min
Delta R.T.: -0.008 min
Response: 461451
Conc: 0.31 ng/ml m



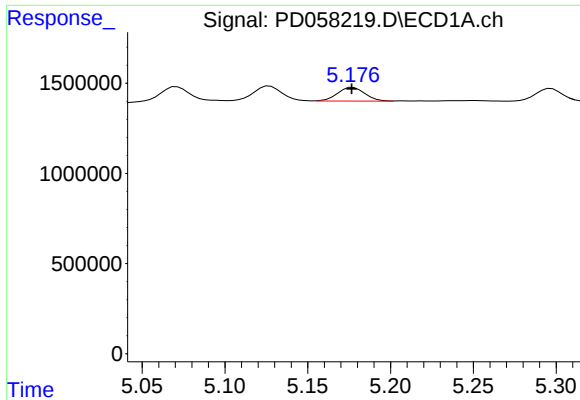
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 866741
Conc: 0.89 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 2169908
Conc: 1.56 ng/ml m



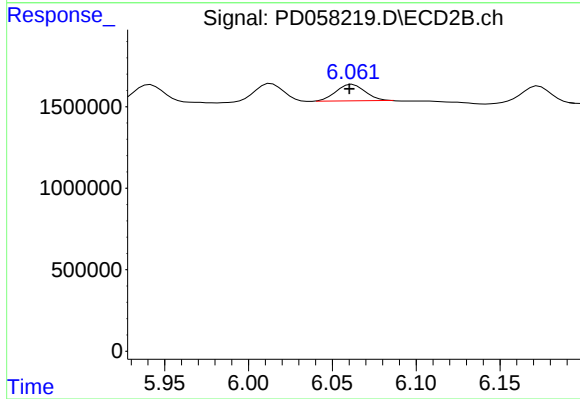
#9 Endosulfan I

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 873101
Conc: 0.96 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

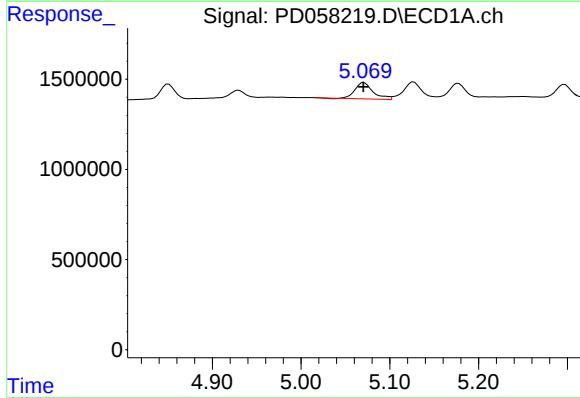
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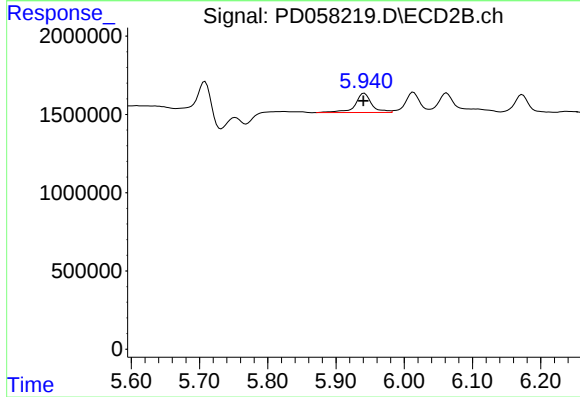
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 1224529
Conc: 0.97 ng/ml m



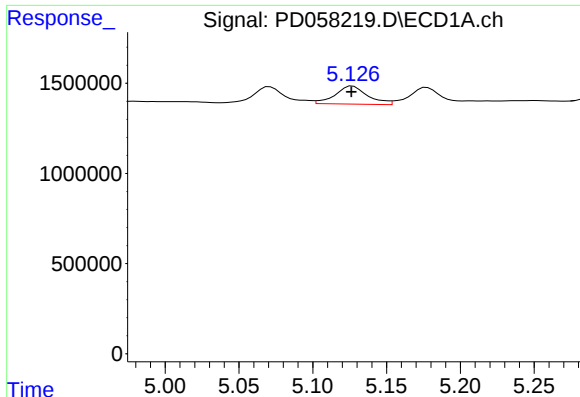
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1274075
Conc: 1.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 2092151
Conc: 1.50 ng/ml



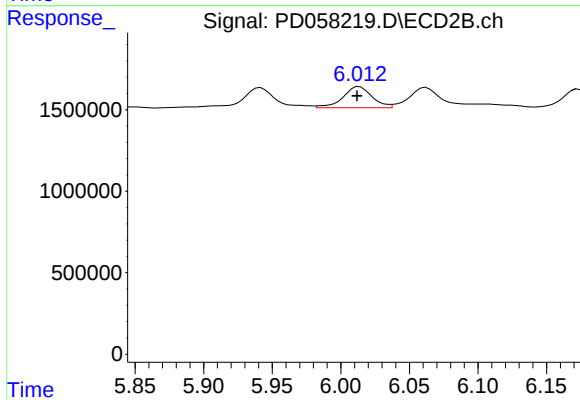
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1536055
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

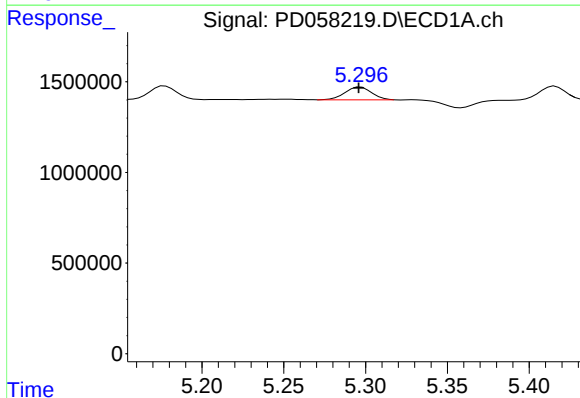
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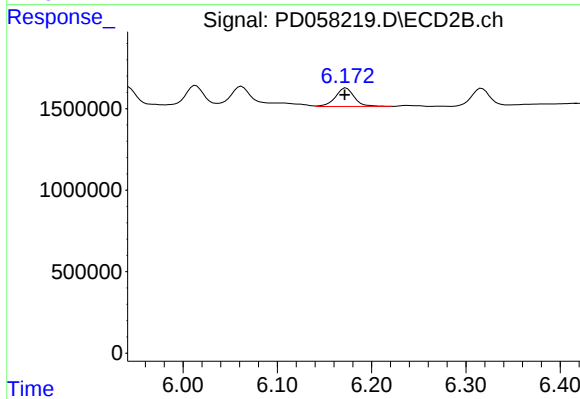
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 1904733
Conc: 1.37 ng/ml



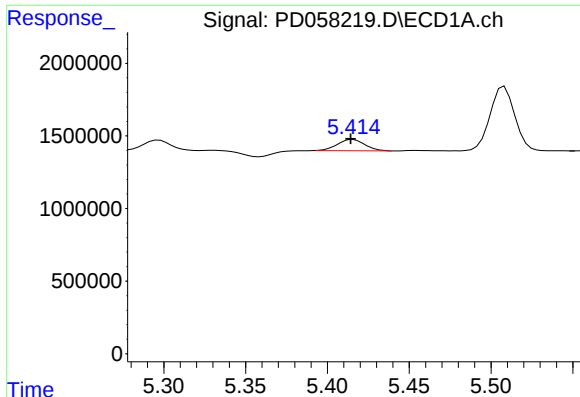
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 798746
Conc: 0.86 ng/ml m



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 1580416
Conc: 1.24 ng/ml



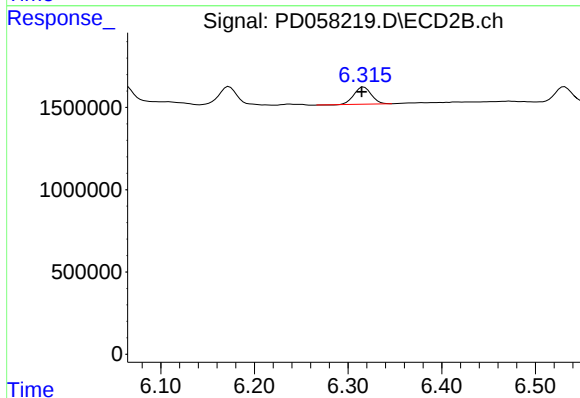
#13 Dieldrin

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 900951
Conc: 0.92 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

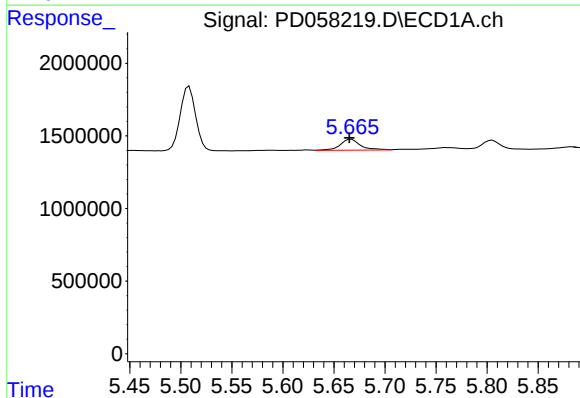
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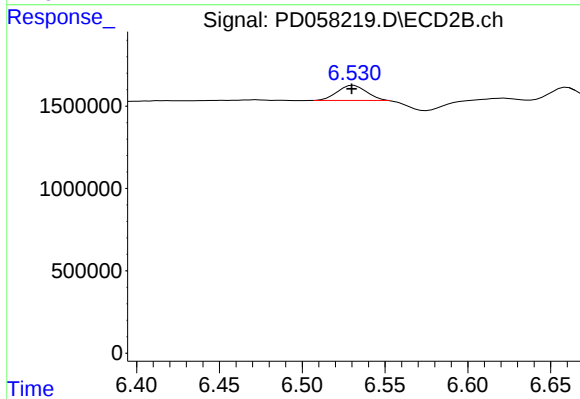
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: 0.002 min
Response: 1338858
Conc: 1.01 ng/ml



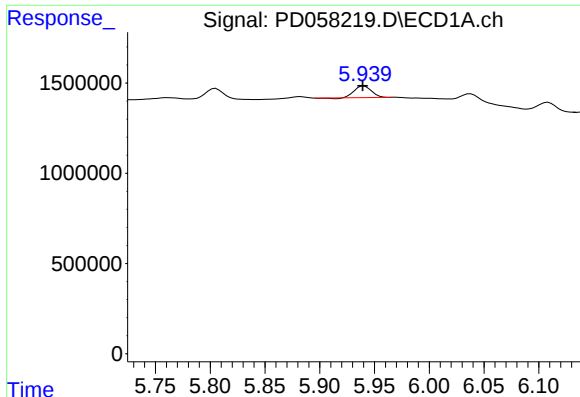
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 1049924
Conc: 1.31 ng/ml



#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 1129001
Conc: 1.07 ng/ml m



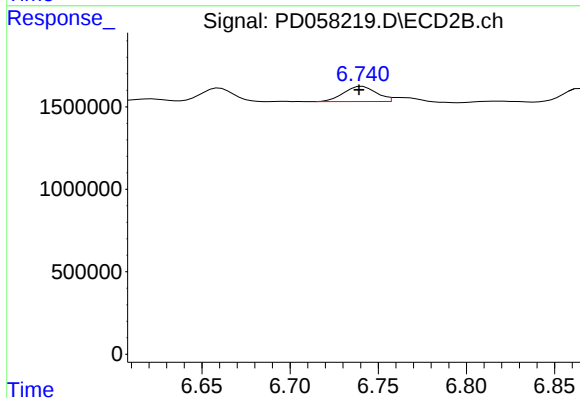
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 681451
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

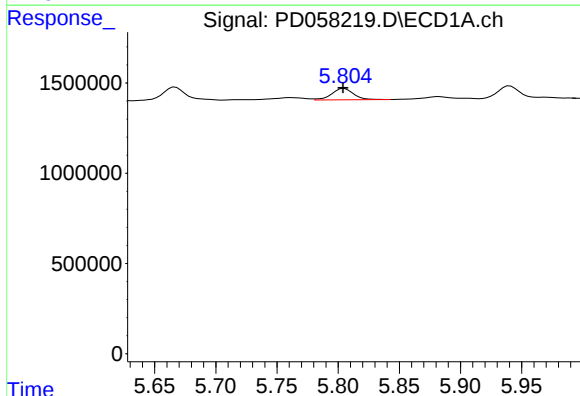
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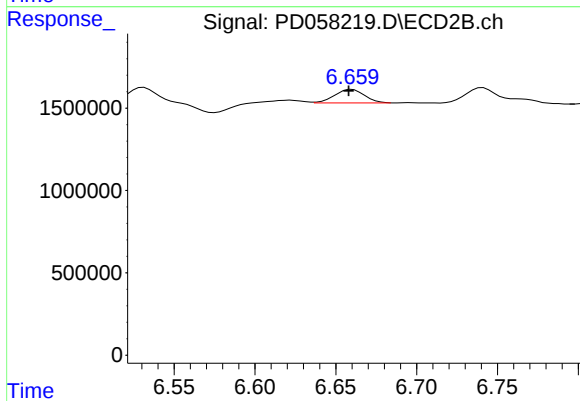
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 1166683
Conc: 0.97 ng/ml m



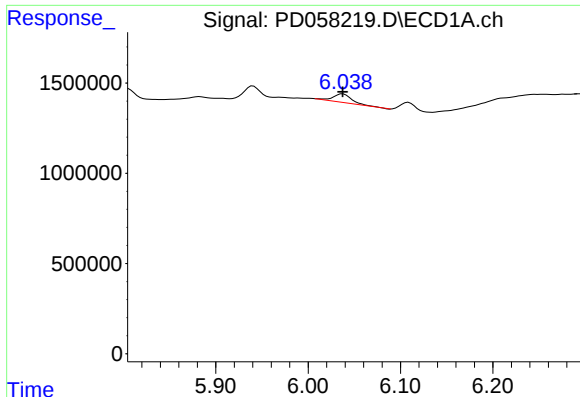
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 786046
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 1036394
Conc: 0.94 ng/ml m



#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 687431
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

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#17 4,4'-DDT

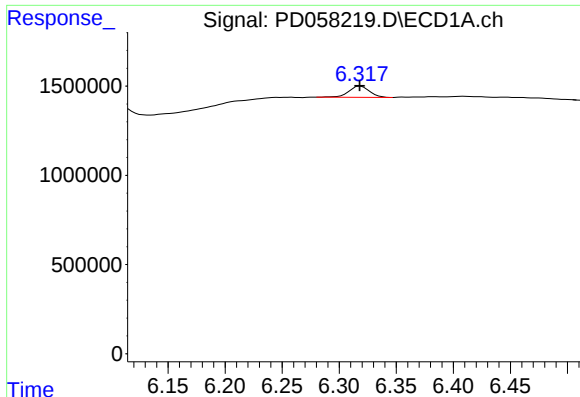
R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 1015219
Conc: 1.02 ng/ml m

#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 471462
Conc: 0.64 ng/ml

#18 Endrin aldehyde

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 1038656
Conc: 1.00 ng/ml m



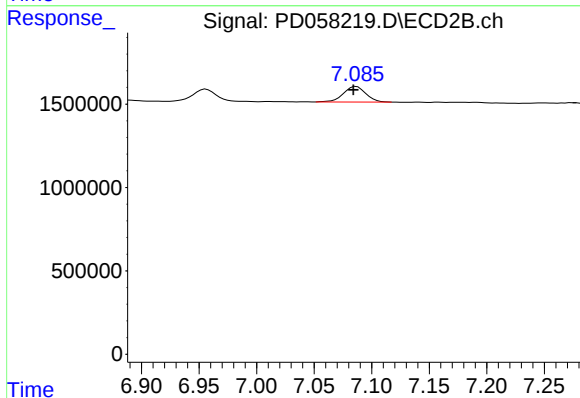
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 801637
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

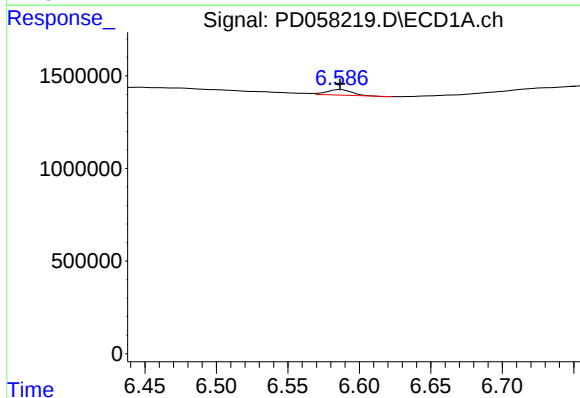
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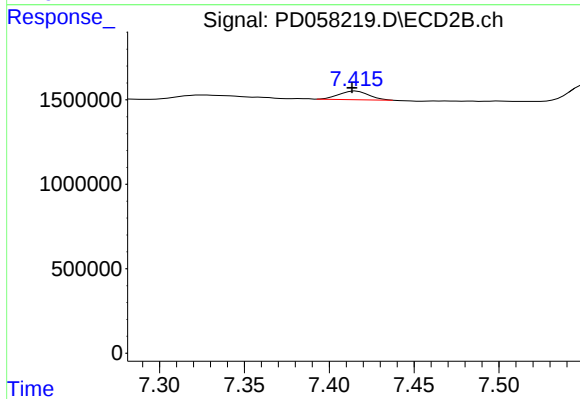
#19 Endosulfan Sulfate

R.T.: 7.085 min
Delta R.T.: 0.001 min
Response: 1269435
Conc: 1.13 ng/ml m



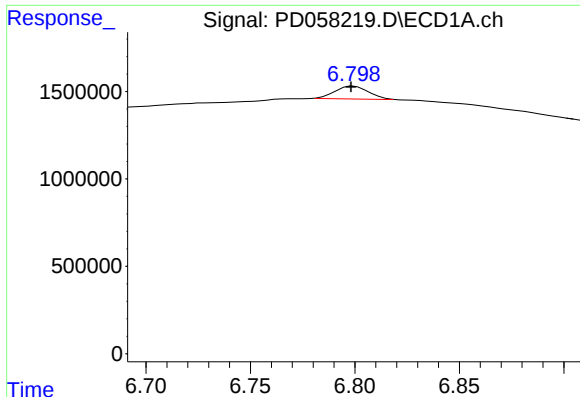
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 379189
Conc: 0.96 ng/ml



#20 Methoxychlor

R.T.: 7.415 min
Delta R.T.: 0.001 min
Response: 632267
Conc: 1.10 ng/ml m



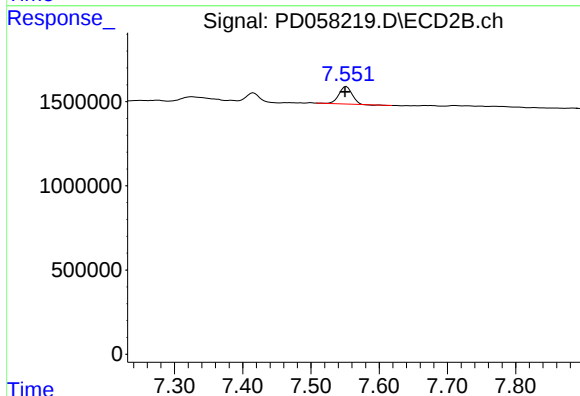
#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 818031
Conc: 0.76 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

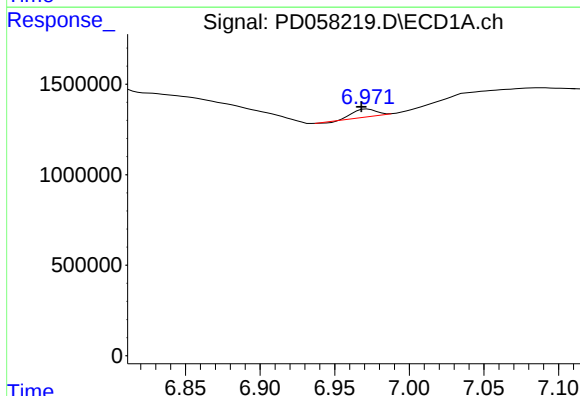
Manual Integrations
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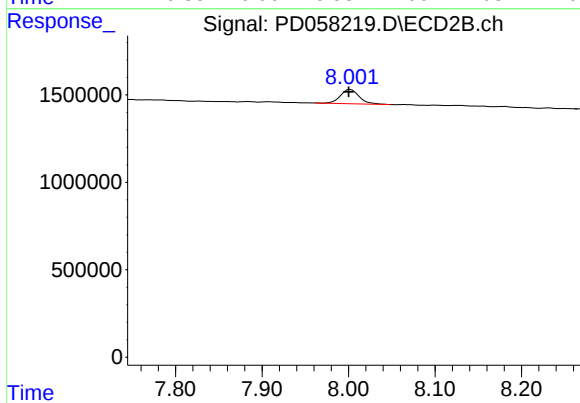
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.002 min
Response: 1399239
Conc: 1.06 ng/ml



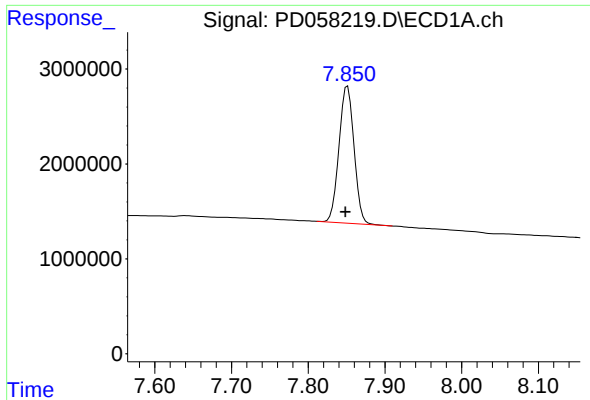
#22 Mirex

R.T.: 6.972 min
Delta R.T.: 0.004 min
Response: 430190
Conc: 0.61 ng/ml



#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 1204126
Conc: 1.27 ng/ml



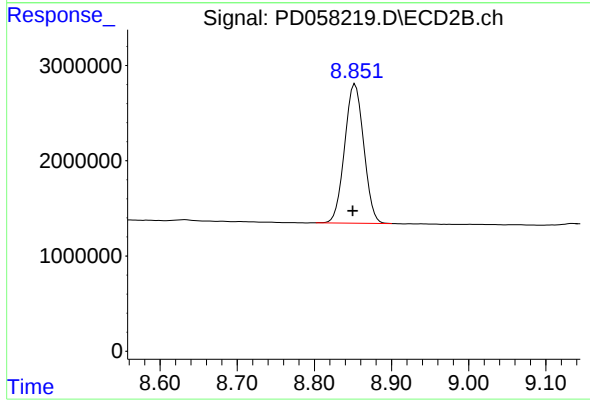
#28 Decachlorobiphenyl

R.T.: 7.851 min
Delta R.T.: 0.003 min
Response: 19678462
Conc: 24.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:27:30 PM



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: 0.003 min
Response: 25051588
Conc: 24.16 ng/ml