

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 15:01
 Operator : AJ\MA
 Sample : L2182-07
 Misc : 2.5 PPB LOD
 ALS Vial : 21 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 00:45:08 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...	3.210	3.867	16341368	22620077	20.909	19.861
28) SA Decachlor...	7.851	8.852	16947729	20731750	21.196	19.998
Target Compounds						
2) A alpha-BHC	3.632	4.248	2790075	3870418	2.301	2.273
3) MA gamma-BHC...	3.903	4.528	3634073	3774555	3.098	2.280 #
4) MA Heptachlor	4.183	5.026	2576118	3520049	2.407	2.261m
5) MB Aldrin	4.418	5.327	2751121	3560668	2.622	2.434
6) B beta-BHC	4.153	4.698	1319486	1539895	2.729	2.297m
7) B delta-BHC	4.344	4.910	2791100	3324742	2.445	2.265
8) B Heptachlo...	4.851	5.710	2537143	3833435	2.599	2.758
9) A Endosulfan I	5.177	6.062	2200176	3229073	2.411m	2.558
10) B gamma-Chl...	5.070	5.942	2385970	3541035	2.403m	2.539
11) B alpha-Chl...	5.126	6.013	2446357	3456047	2.473m	2.490
12) B 4,4'-DDE	5.296	6.173	2124652	3087132	2.281m	2.417
13) MA Dieldrin	5.416	6.316	2465986	3146089	2.513	2.363
14) MA Endrin	5.667	6.532	1894596	2489430	2.368	2.357
15) B Endosulfa...	5.940	6.741	2085942	3114663	2.404	2.591
16) A 4,4'-DDD	5.805	6.660	2041676	2779012	2.533	2.509
17) MA 4,4'-DDT	6.038	6.956	1335787	1989418	1.936	1.998
18) B Endrin al...	6.109	6.865	1587551	2640336	2.171	2.552
19) B Endosulfa...	6.319	7.087	1909854	2772302	2.341	2.470
20) A Methoxychlor	6.587	7.414	788115	1193945	1.997	2.070m
21) B Endrin ke...	6.798	7.551	2637858	3387711	2.436m	2.573
22) Mirex	6.970	8.002	1418717	2581563	2.015	2.716 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 15:01
Operator : AJ\MA
Sample : L2182-07
Misc : 2.5 PPB LOD
ALS Vial : 21 Sample Multiplier: 1

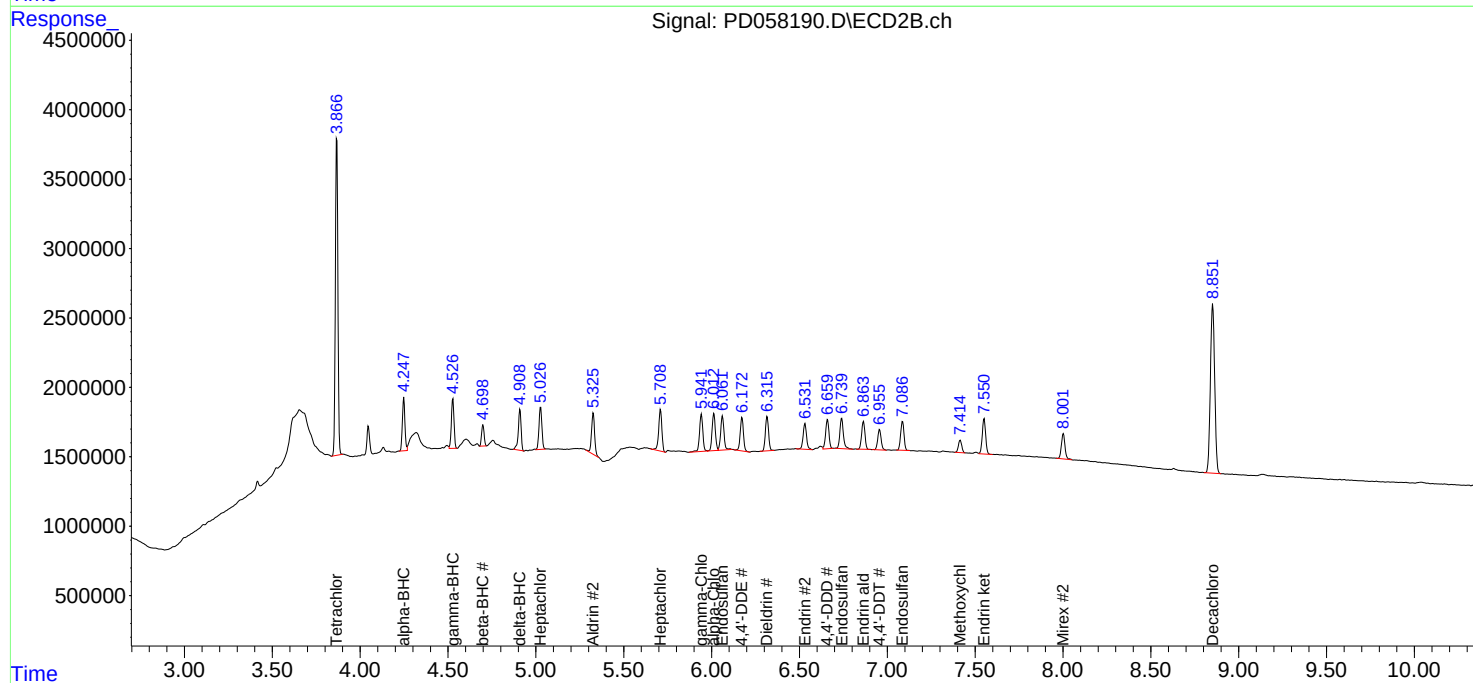
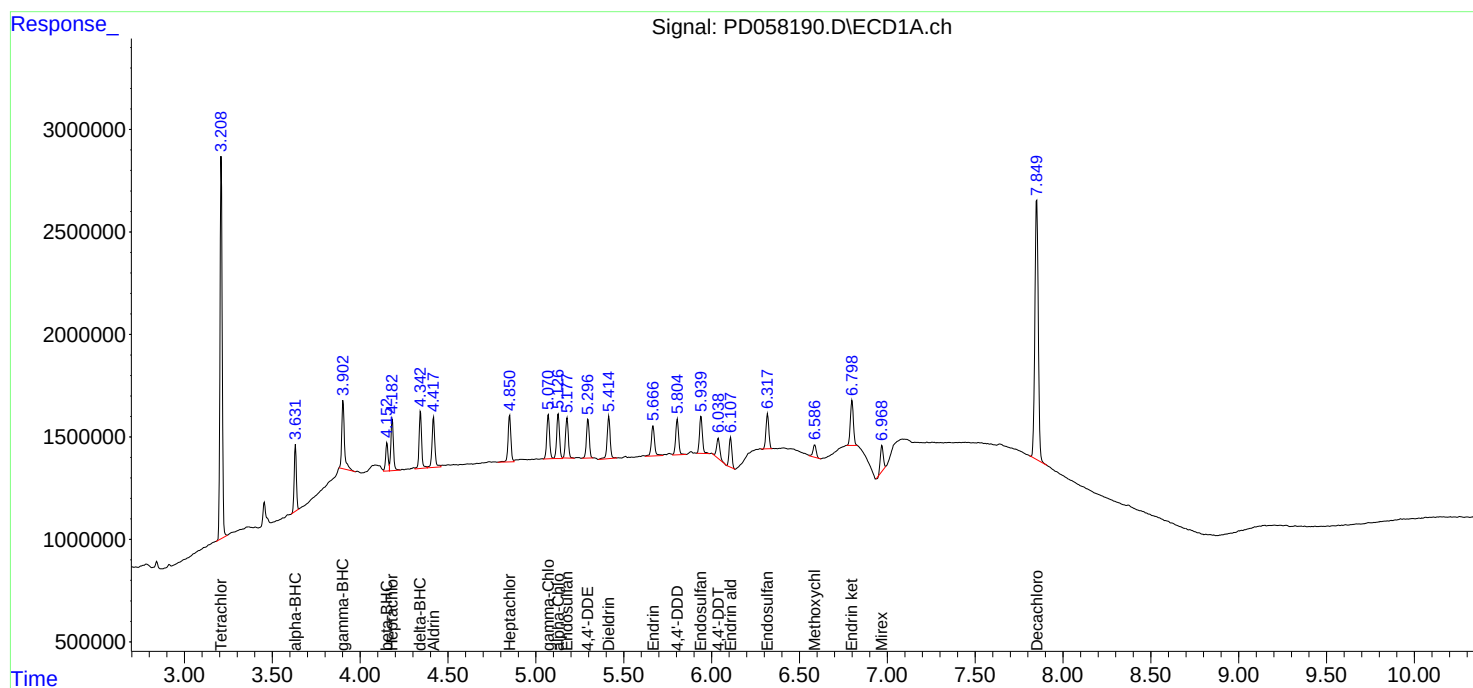
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

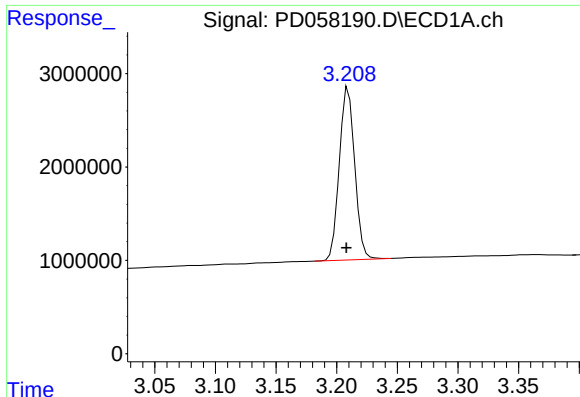
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 00:45:08 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





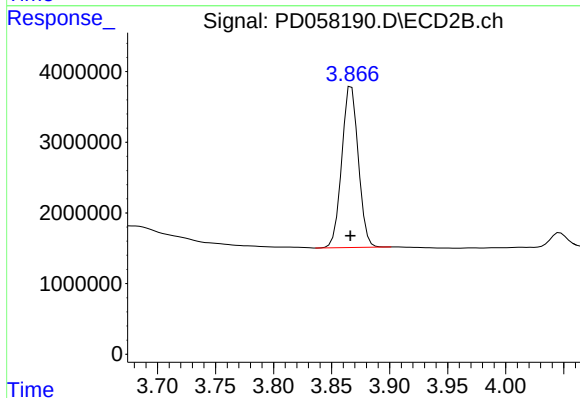
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 16341368
Conc: 20.91 ng/ml

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

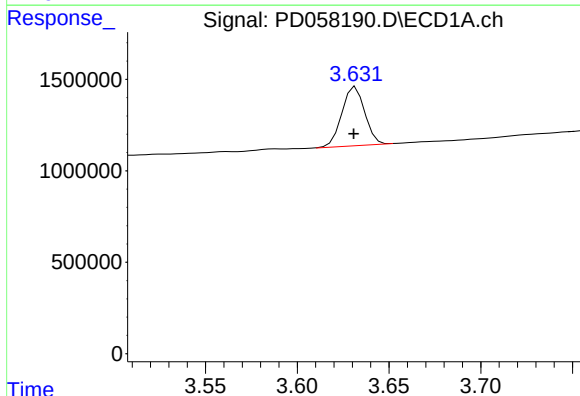
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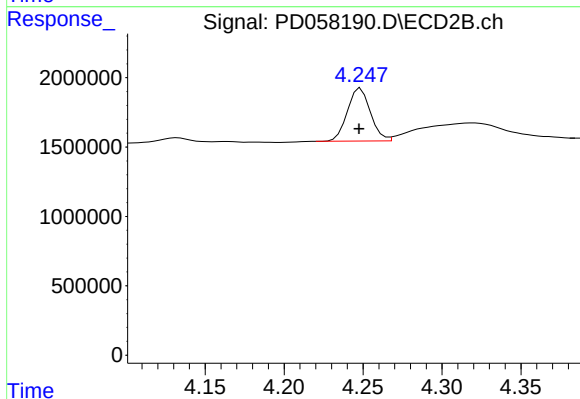
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 22620077
Conc: 19.86 ng/ml



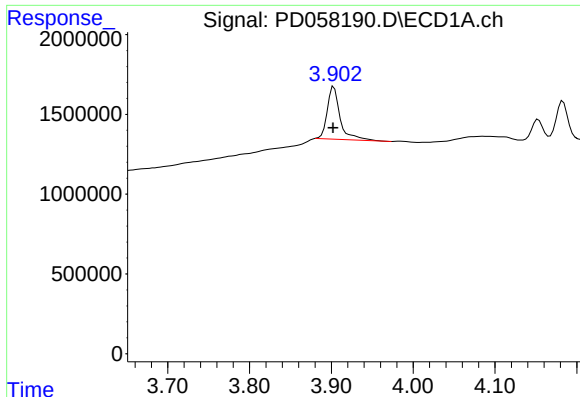
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.001 min
Response: 2790075
Conc: 2.30 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.001 min
Response: 3870418
Conc: 2.27 ng/ml



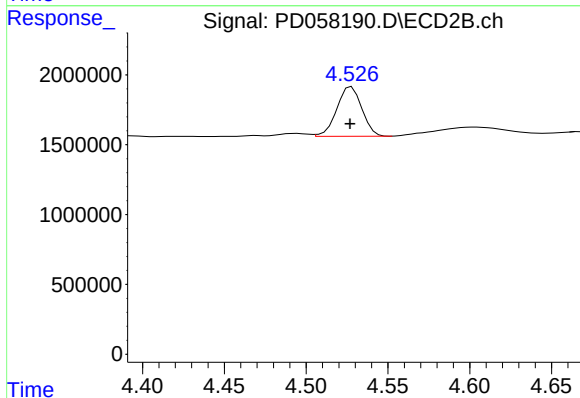
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.001 min
Response: 3634073
Conc: 3.10 ng/ml

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

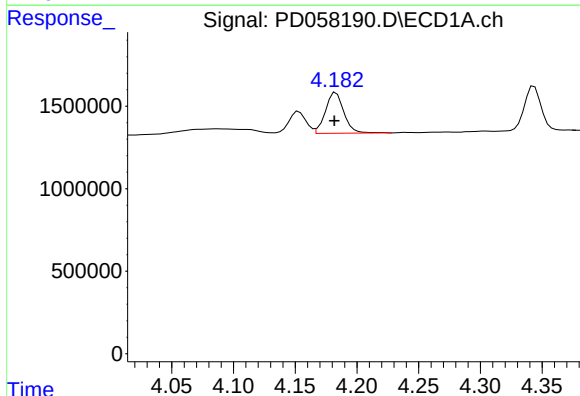
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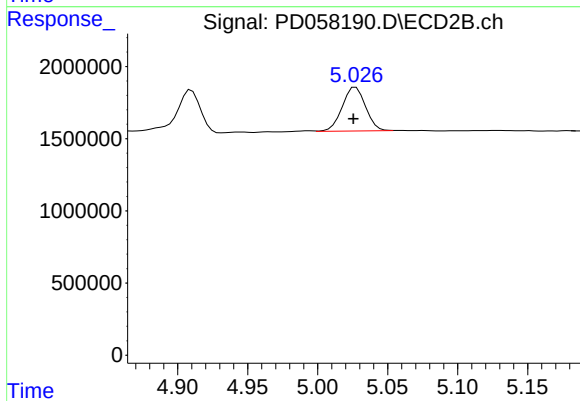
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3774555
Conc: 2.28 ng/ml



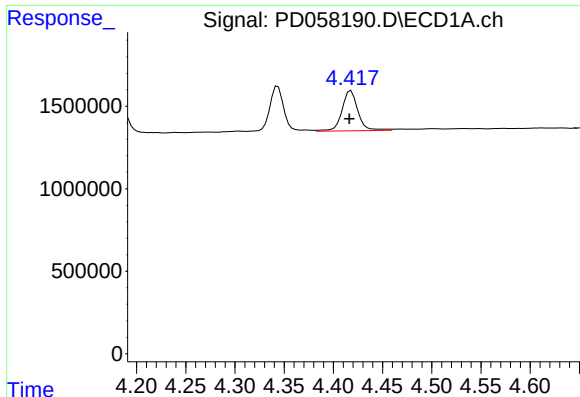
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 2576118
Conc: 2.41 ng/ml



#4 Heptachlor

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 3520049
Conc: 2.26 ng/ml m



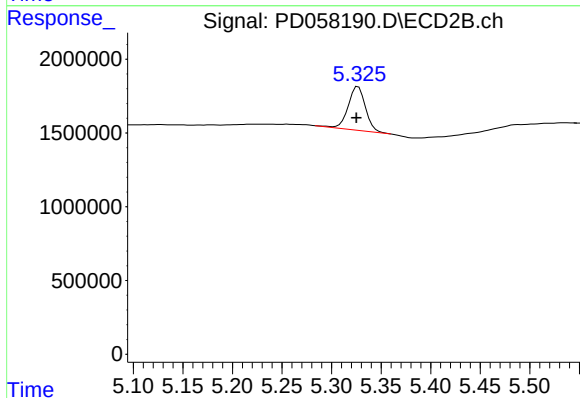
#5 Aldrin

R.T.: 4.418 min
Delta R.T.: 0.001 min
Response: 2751121
Conc: 2.62 ng/ml

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

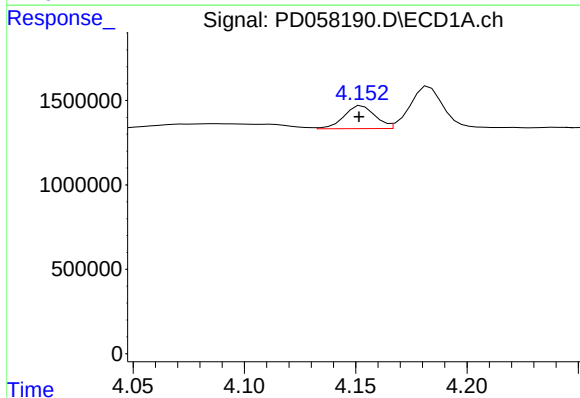
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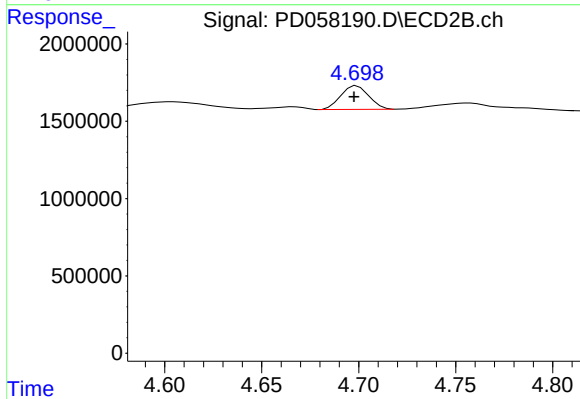
#5 Aldrin

R.T.: 5.327 min
Delta R.T.: 0.002 min
Response: 3560668
Conc: 2.43 ng/ml



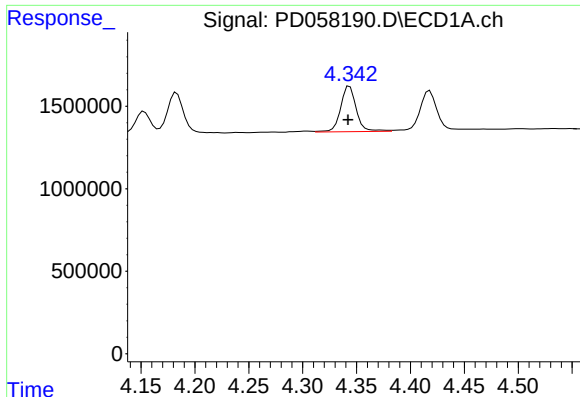
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.002 min
Response: 1319486
Conc: 2.73 ng/ml



#6 beta-BHC

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 1539895
Conc: 2.30 ng/ml m



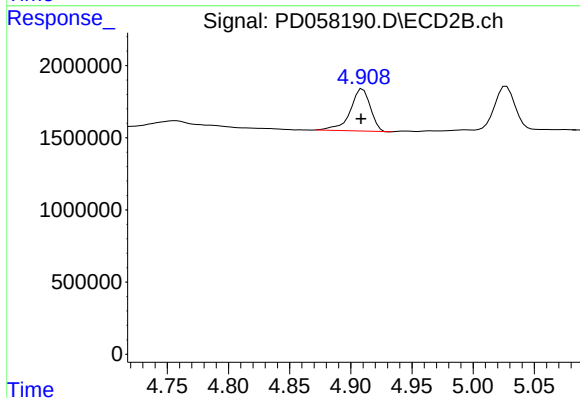
#7 delta-BHC

R.T.: 4.344 min
Delta R.T.: 0.001 min
Response: 2791100
Conc: 2.44 ng/ml

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

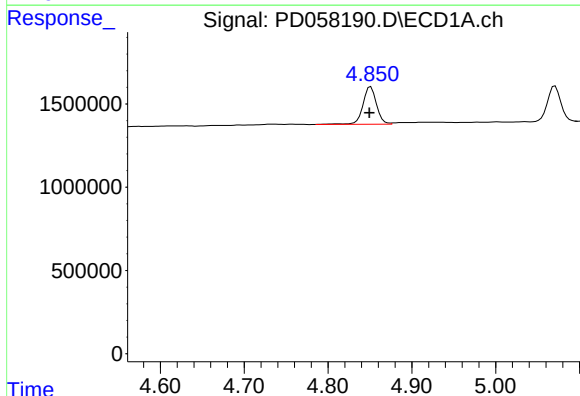
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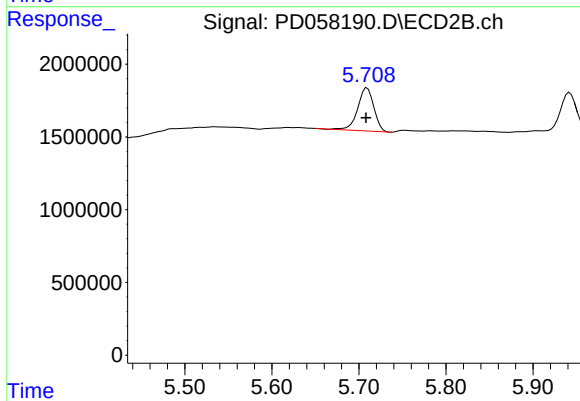
#7 delta-BHC

R.T.: 4.910 min
Delta R.T.: 0.001 min
Response: 3324742
Conc: 2.27 ng/ml



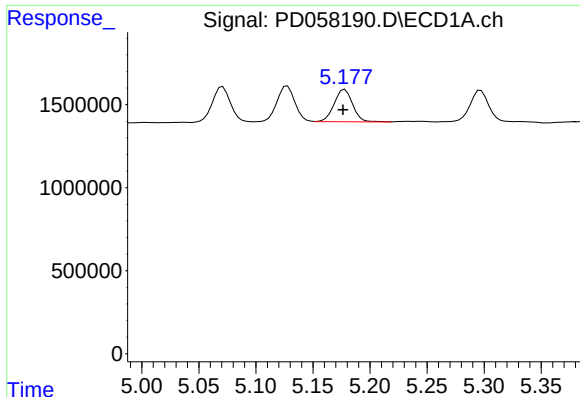
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 2537143
Conc: 2.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 3833435
Conc: 2.76 ng/ml



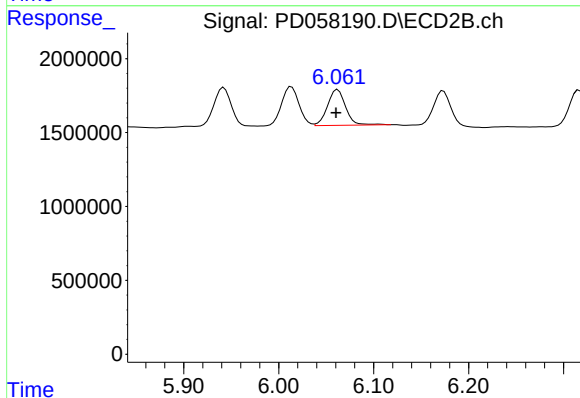
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 2200176
Conc: 2.41 ng/ml m

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

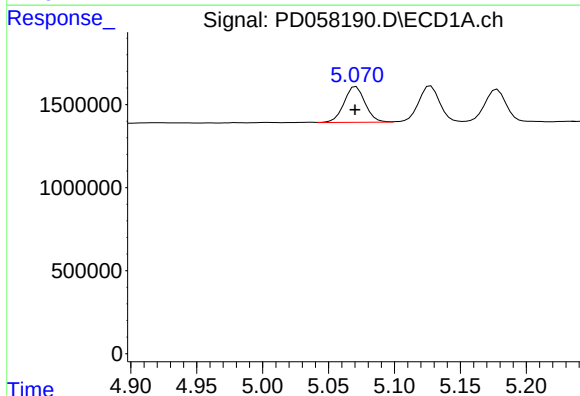
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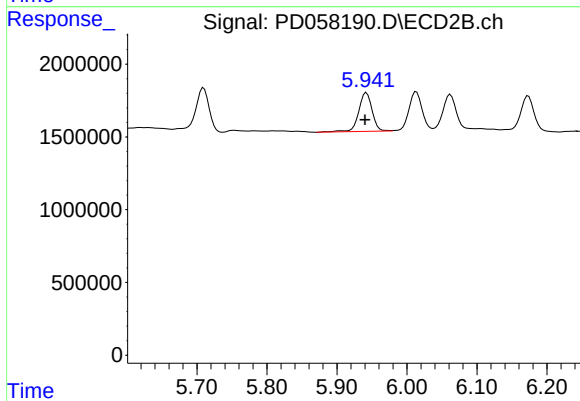
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 3229073
Conc: 2.56 ng/ml



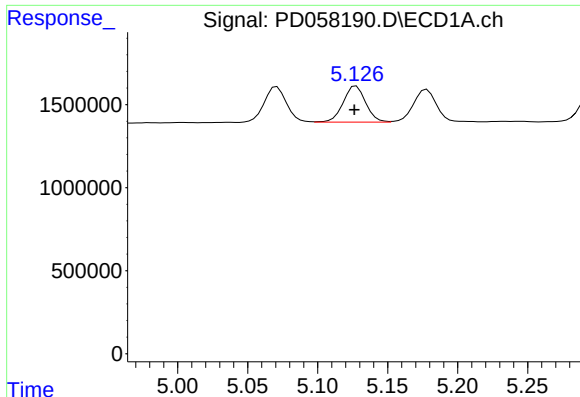
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 2385970
Conc: 2.40 ng/ml m



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 3541035
Conc: 2.54 ng/ml



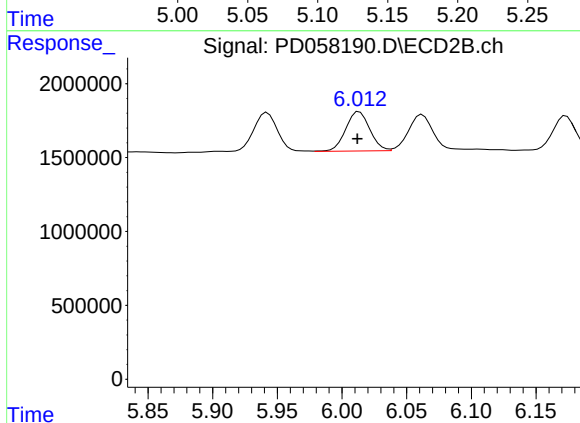
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 2446357
Conc: 2.47 ng/ml m

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

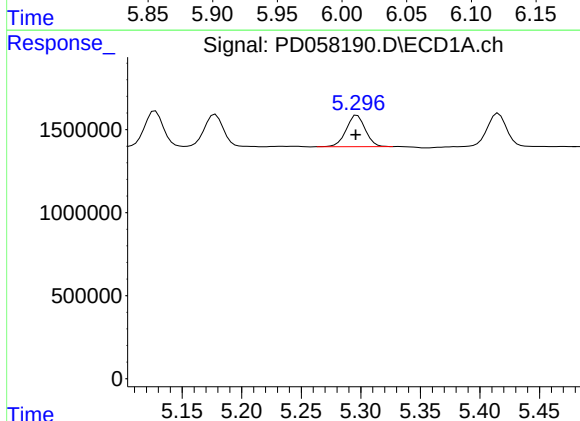
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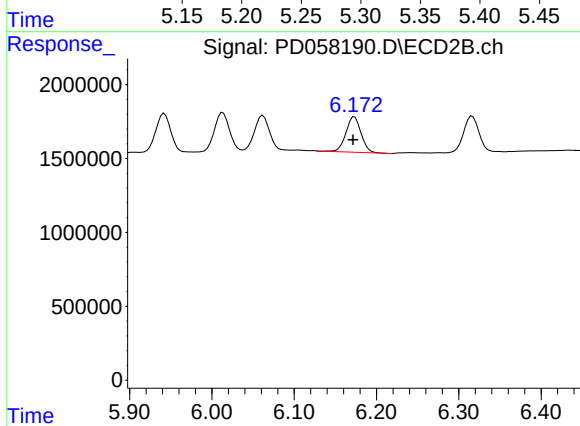
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 3456047
Conc: 2.49 ng/ml



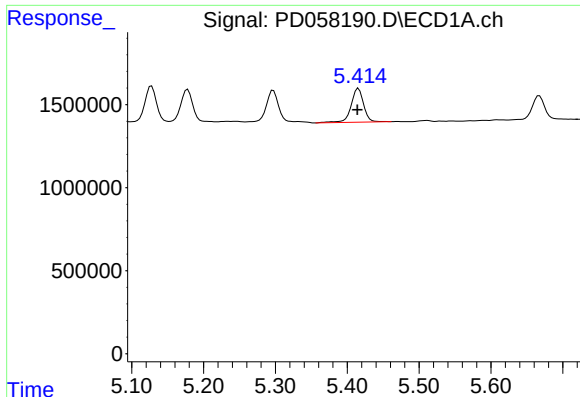
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 2124652
Conc: 2.28 ng/ml m



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.002 min
Response: 3087132
Conc: 2.42 ng/ml



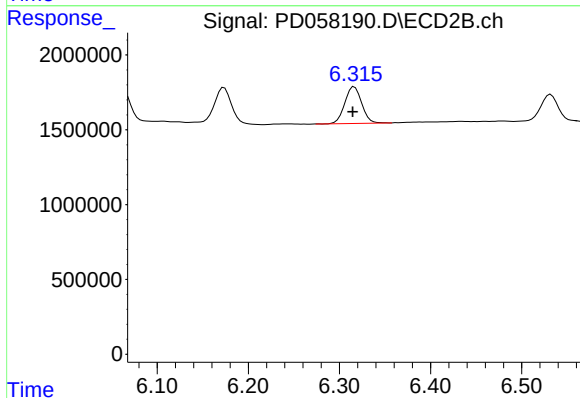
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 2465986
Conc: 2.51 ng/ml

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

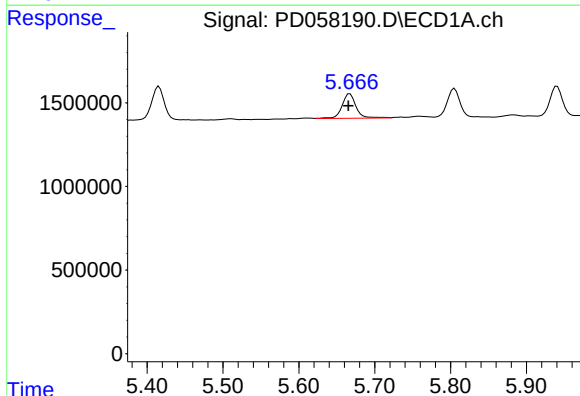
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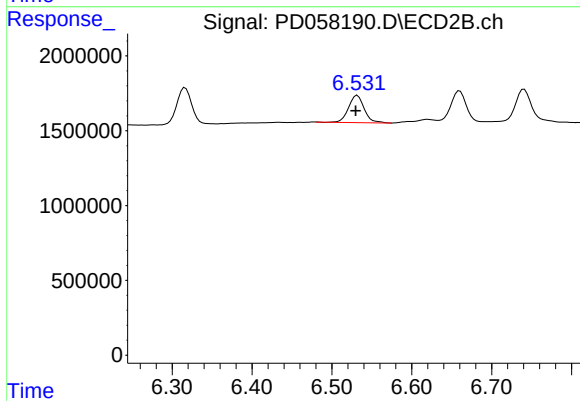
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 3146089
Conc: 2.36 ng/ml



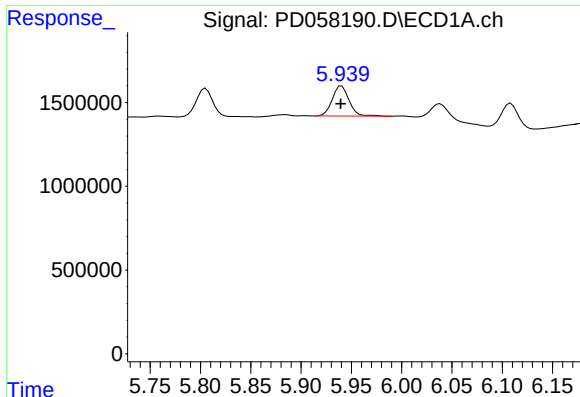
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 1894596
Conc: 2.37 ng/ml



#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 2489430
Conc: 2.36 ng/ml



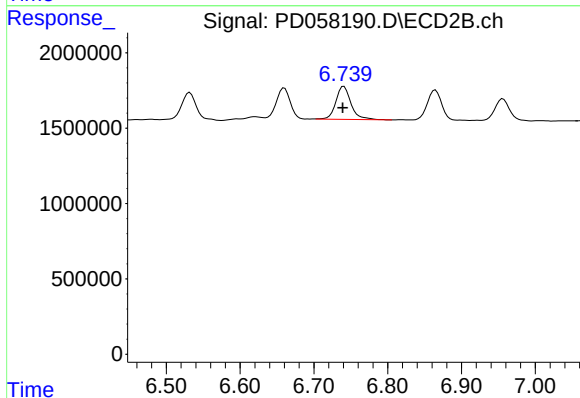
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.001 min
Response: 2085942
Conc: 2.40 ng/ml

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

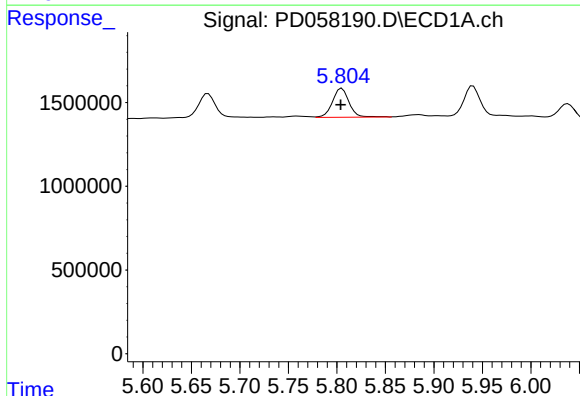
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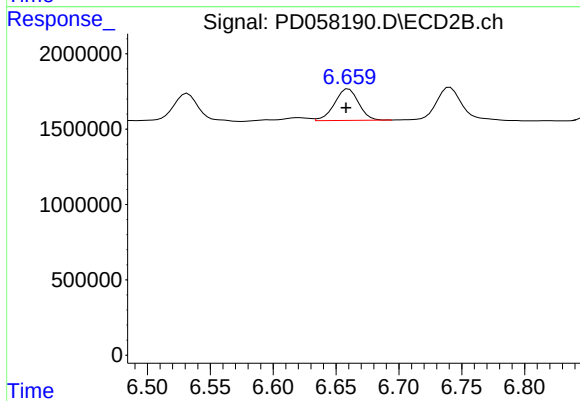
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3114663
Conc: 2.59 ng/ml



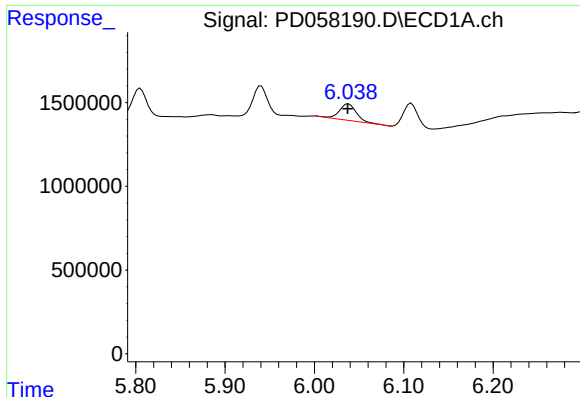
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 2041676
Conc: 2.53 ng/ml



#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 2779012
Conc: 2.51 ng/ml



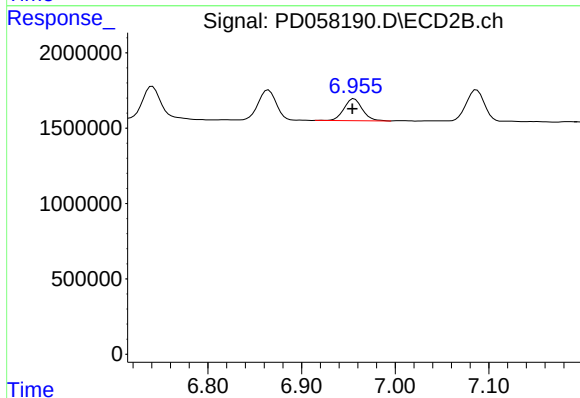
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 1335787
Conc: 1.94 ng/ml

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

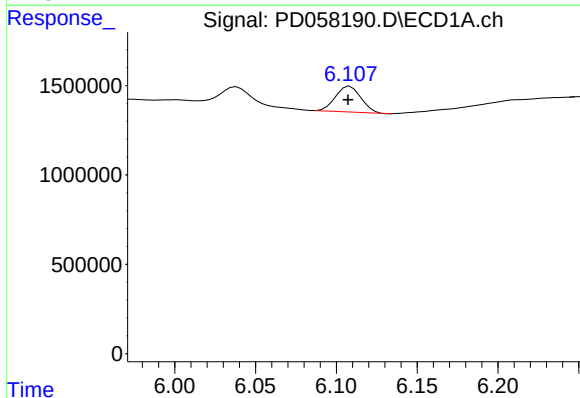
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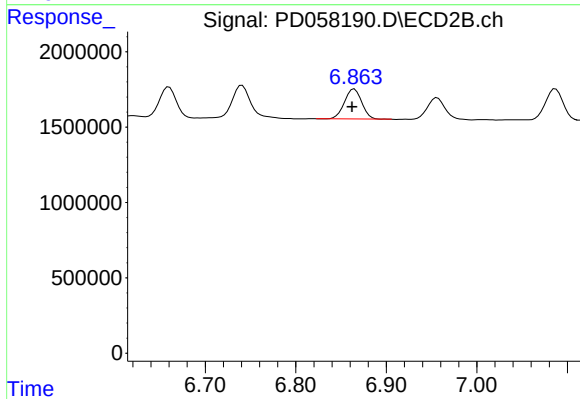
#17 4,4'-DDT

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 1989418
Conc: 2.00 ng/ml



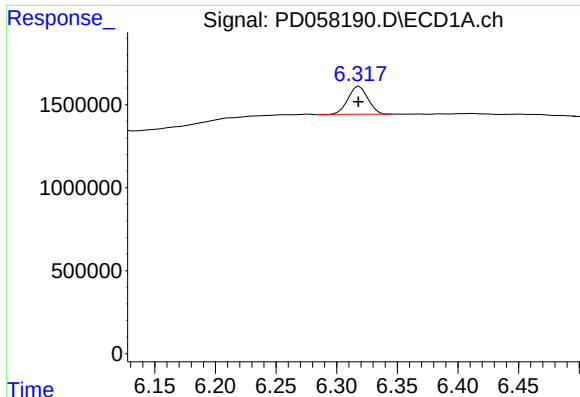
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 1587551
Conc: 2.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.865 min
Delta R.T.: 0.002 min
Response: 2640336
Conc: 2.55 ng/ml



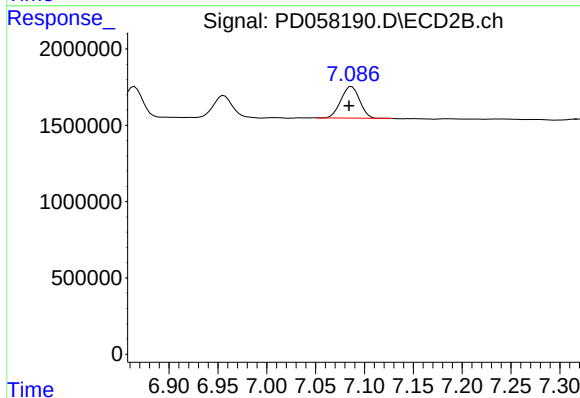
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 1909854
Conc: 2.34 ng/ml

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

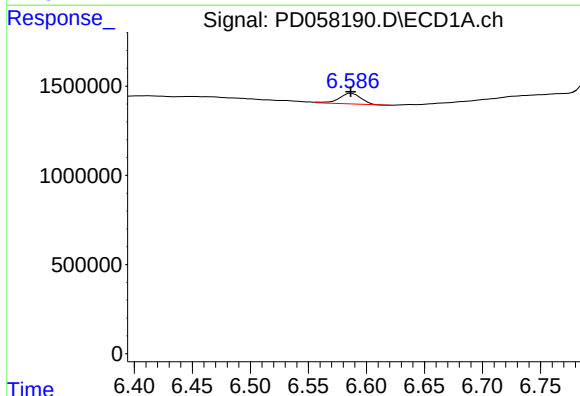
Manual Integrations
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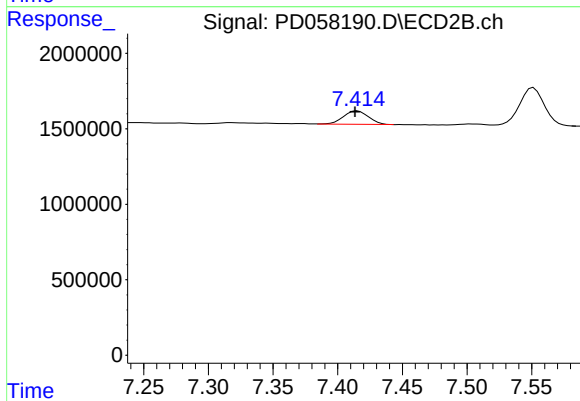
#19 Endosulfan Sulfate

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 2772302
Conc: 2.47 ng/ml



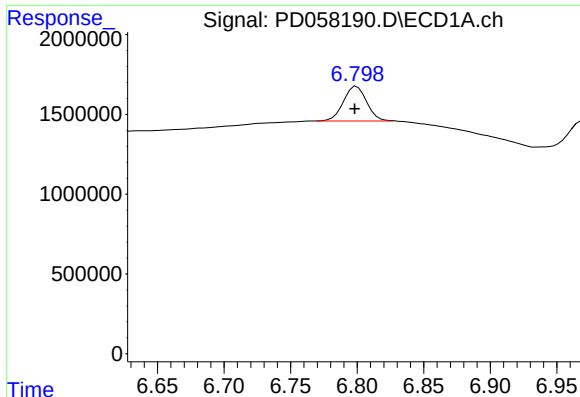
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 788115
Conc: 2.00 ng/ml



#20 Methoxychlor

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 1193945
Conc: 2.07 ng/ml m



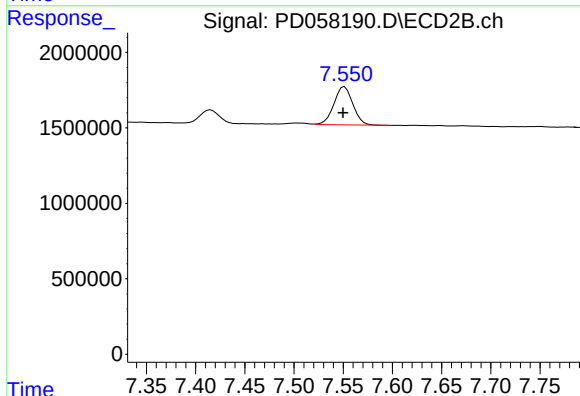
#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2637858
Conc: 2.44 ng/ml m

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

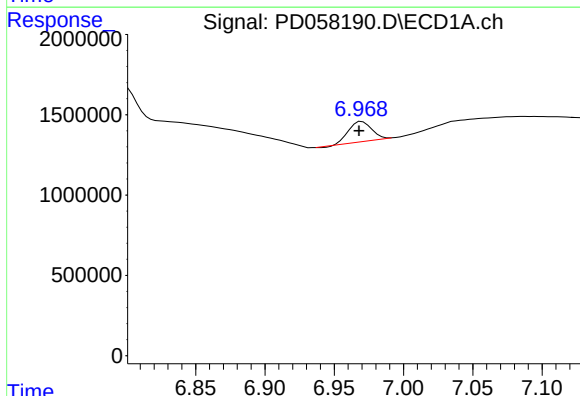
Manual Integrations
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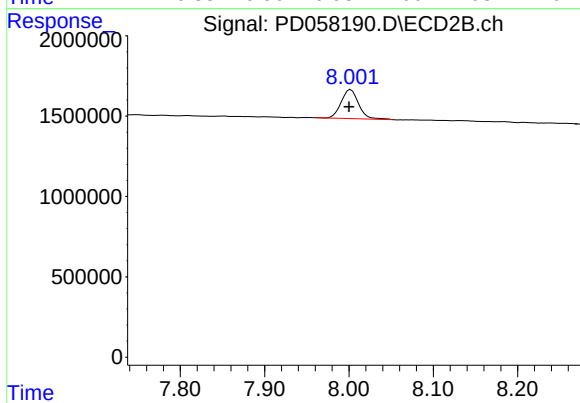
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 3387711
Conc: 2.57 ng/ml



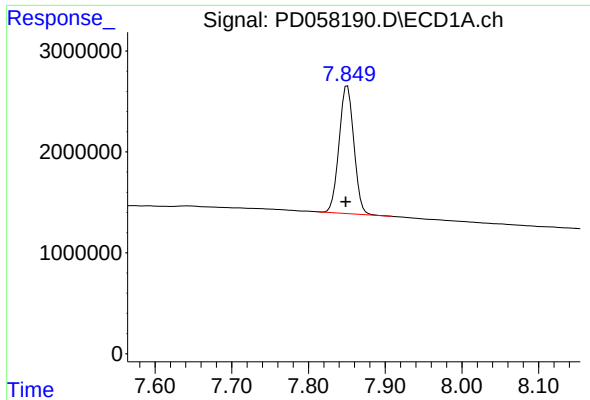
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 1418717
Conc: 2.01 ng/ml



#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 2581563
Conc: 2.72 ng/ml



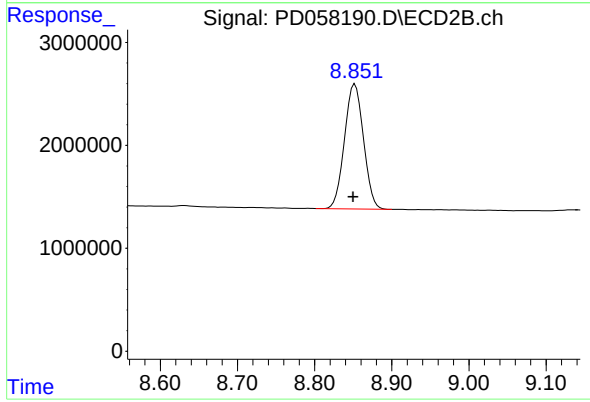
#28 Decachlorobiphenyl

R.T.: 7.851 min
Delta R.T.: 0.002 min
Response: 16947729
Conc: 21.20 ng/ml

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

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:08 PM



#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: 0.002 min
Response: 20731750
Conc: 20.00 ng/ml