

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 15:15
 Operator : AJ\MA
 Sample : L2182-08
 Misc : 5 PPB LOQ
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 00:45:24 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	15576959	21609516	19.931	18.974
28)	SA Decachlor...	7.850	8.851	16280132	20038383	20.361	19.329
Target Compounds							
2)	A alpha-BHC	3.631	4.248	6078597	8265499	5.014	4.854
3)	MA gamma-BHC...	3.903	4.528	6820143	7908274	5.814	4.777
4)	MA Heptachlor	4.182	5.026	5384203	7403507	5.031	4.755m
5)	MB Aldrin	4.417	5.326	5365475	7395599	5.113	5.056
6)	B beta-BHC	4.152	4.699	2706341	3334277	5.597	4.974
7)	B delta-BHC	4.343	4.910	5670873	7274134	4.967	4.956
8)	B Heptachlo...	4.851	5.710	5229756	7429155	5.357	5.344
9)	A Endosulfan I	5.178	6.062	4847356	6427237	5.312	5.091
10)	B gamma-Chl...	5.071	5.942	5323643	7164531	5.361	5.136
11)	B alpha-Chl...	5.127	6.013	5324236	7132263	5.383	5.139
12)	B 4,4'-DDE	5.297	6.173	4793996	6420071	5.147	5.027
13)	MA Dieldrin	5.416	6.316	5179968	6593457	5.278	4.952
14)	MA Endrin	5.665	6.532	3770390	4980526	4.713m	4.716
15)	B Endosulfa...	5.939	6.740	4525591	6281938	5.216m	5.225
16)	A 4,4'-DDD	5.805	6.659	4240897	5784072	5.262	5.223
17)	MA 4,4'-DDT	6.038	6.956	2938495	4298637	4.260	4.318
18)	B Endrin al...	6.108	6.864	3743356	5599049	5.119	5.412
19)	B Endosulfa...	6.319	7.086	4282532	5923972	5.250	5.277
20)	A Methoxychlor	6.587	7.415	1796845	2729960	4.553	4.732
21)	B Endrin ke...	6.799	7.551	6381480	7148321	5.892	5.430
22)	Mirex	6.970	8.001	3652591	5357506	5.187	5.636

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 15:15
Operator : AJ\MA
Sample : L2182-08
Misc : 5 PPB LOQ
ALS Vial : 22 Sample Multiplier: 1

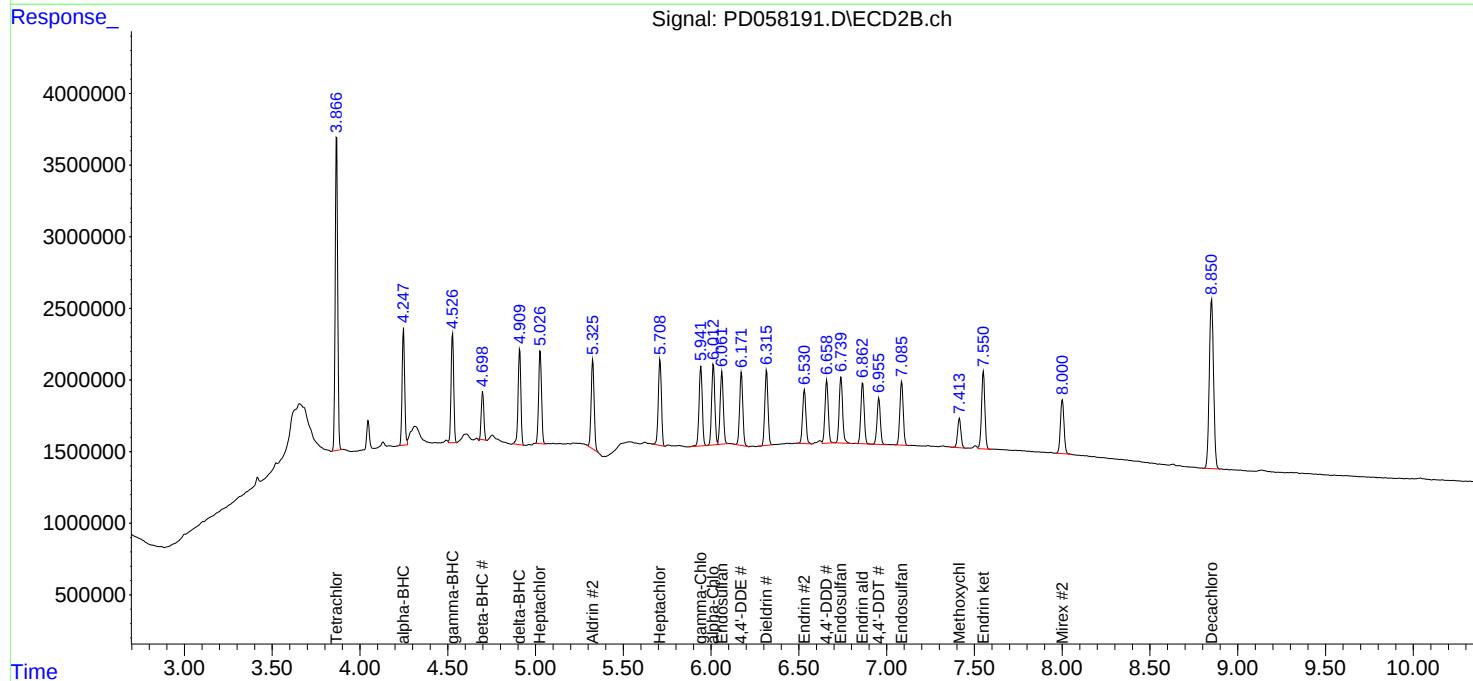
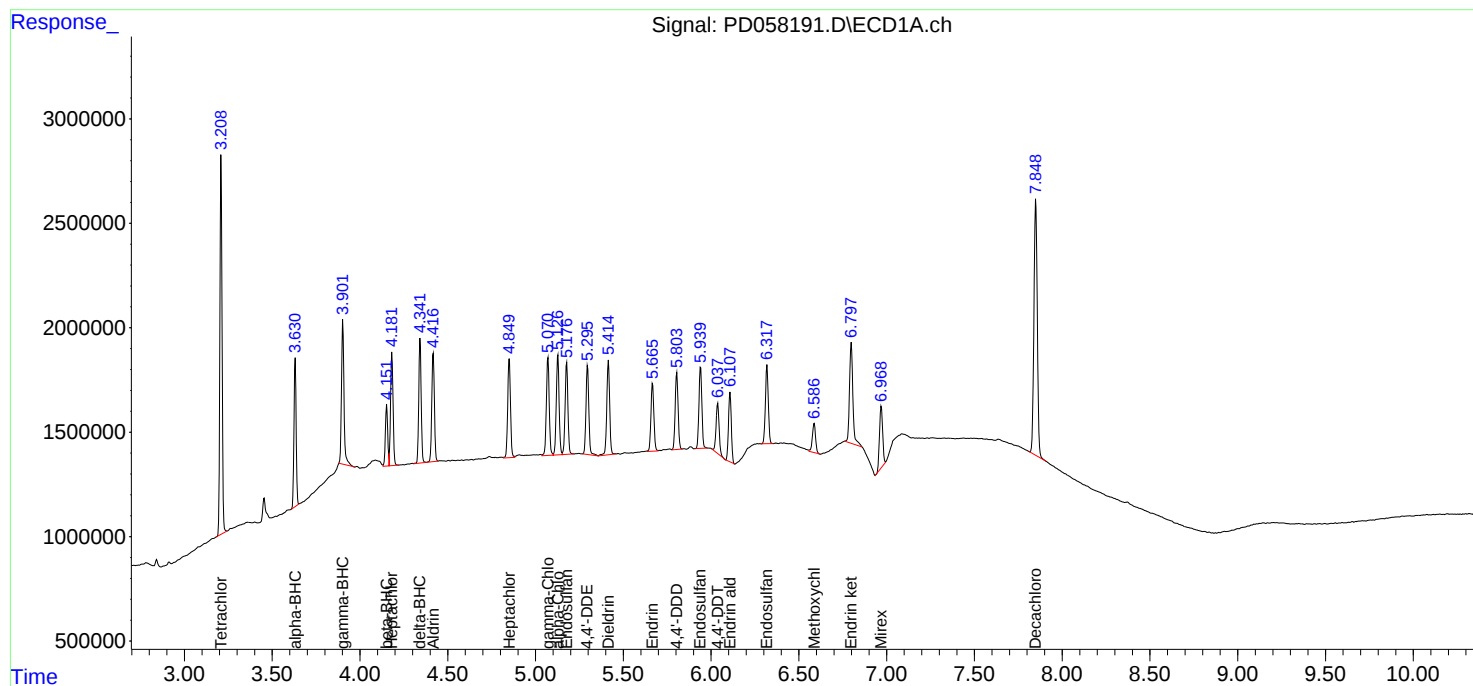
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

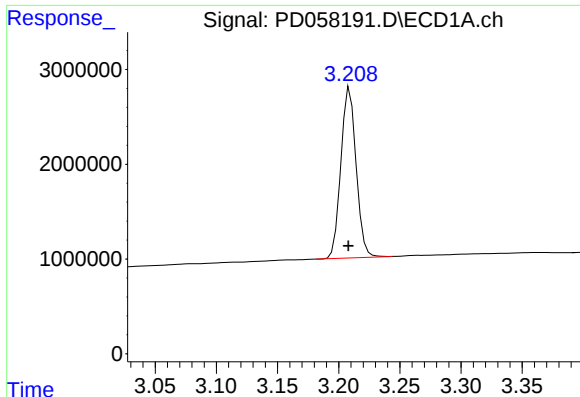
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 00:45:24 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





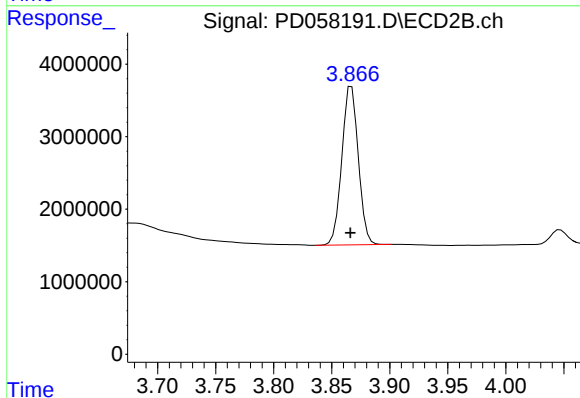
#1 Tetrachloro-m-xylene

R.T.: 3.209 min
Delta R.T.: 0.001 min
Response: 15576959
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

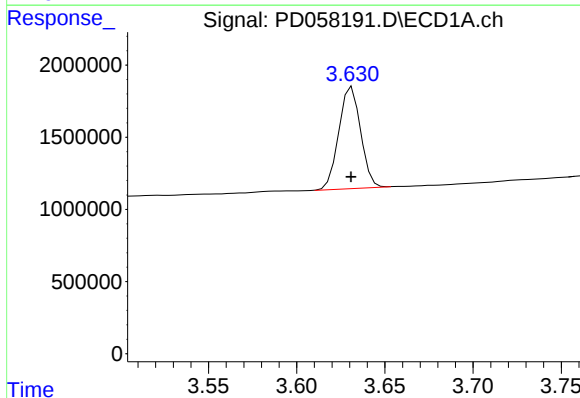
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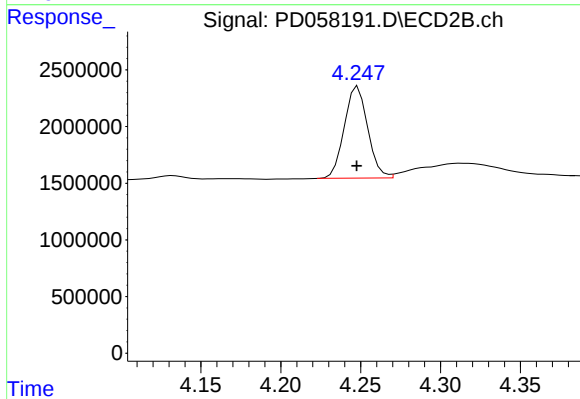
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 21609516
Conc: 18.97 ng/ml



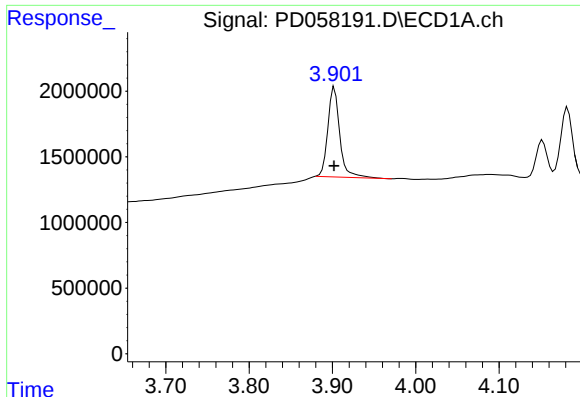
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 6078597
Conc: 5.01 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 8265499
Conc: 4.85 ng/ml



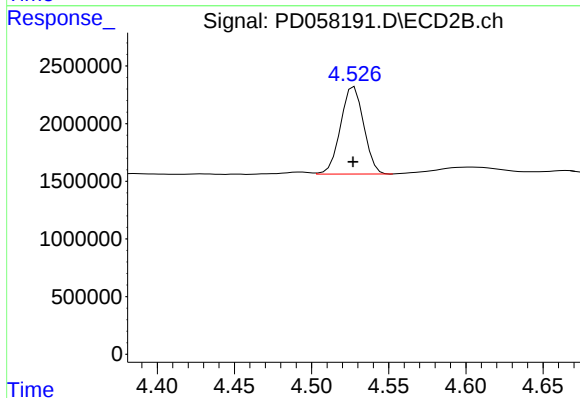
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 6820143
Conc: 5.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

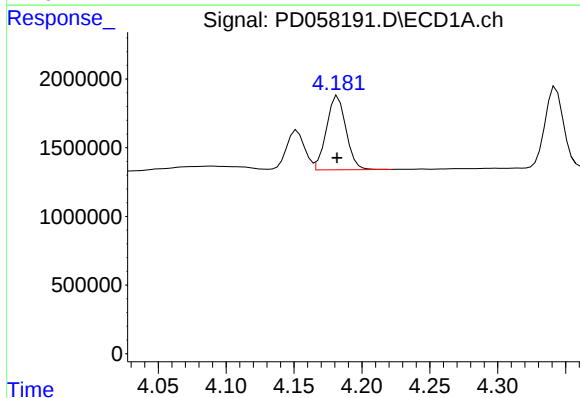
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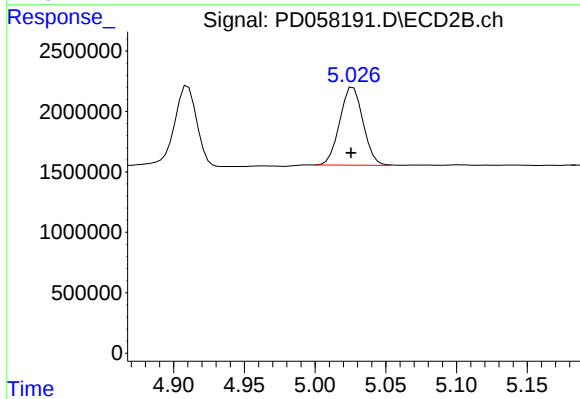
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 7908274
Conc: 4.78 ng/ml



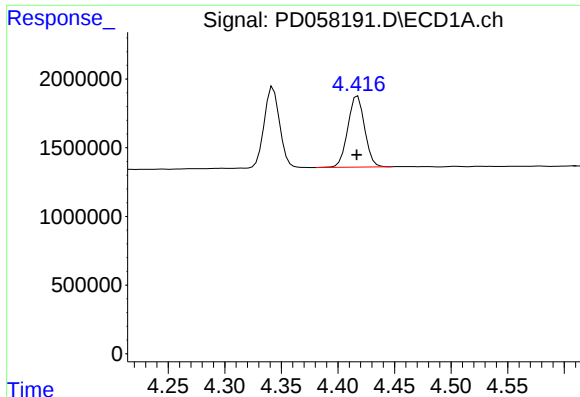
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 5384203
Conc: 5.03 ng/ml



#4 Heptachlor

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 7403507
Conc: 4.75 ng/ml m



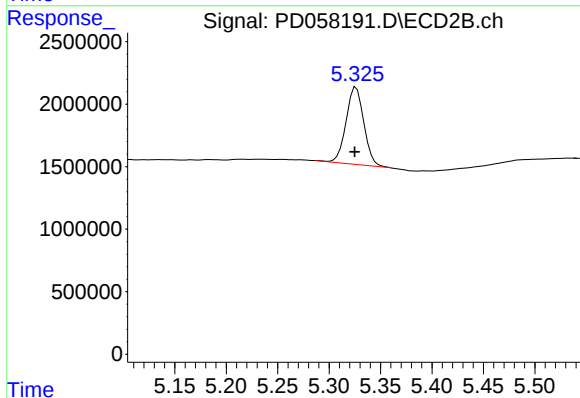
#5 Aldrin

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 5365475
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

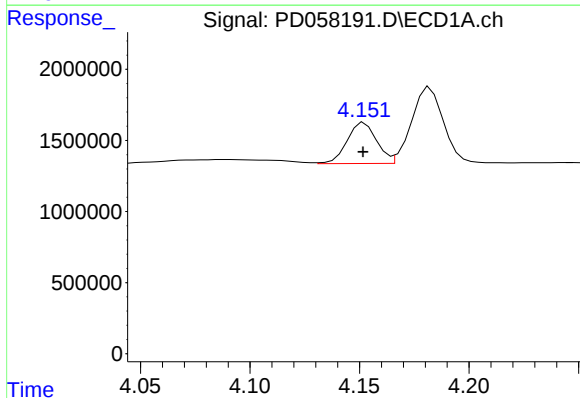
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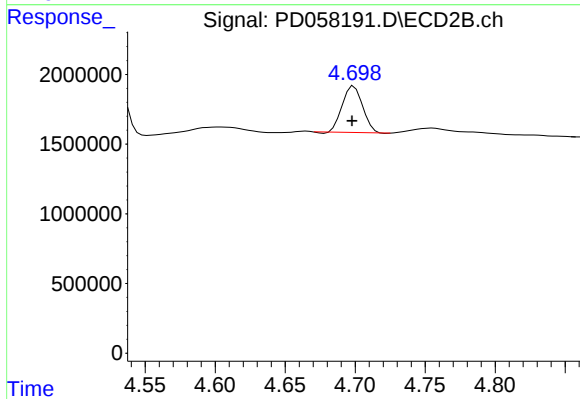
#5 Aldrin

R.T.: 5.326 min
Delta R.T.: 0.001 min
Response: 7395599
Conc: 5.06 ng/ml



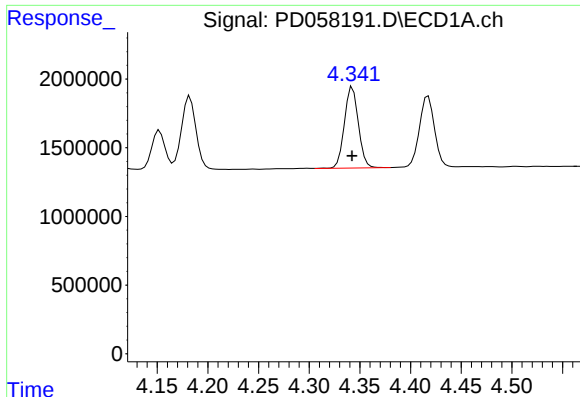
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 2706341
Conc: 5.60 ng/ml



#6 beta-BHC

R.T.: 4.699 min
Delta R.T.: 0.001 min
Response: 3334277
Conc: 4.97 ng/ml



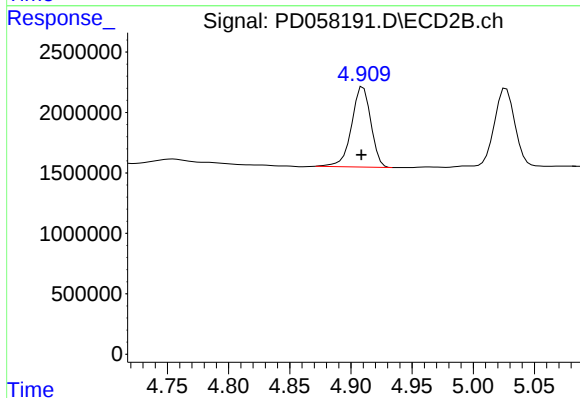
#7 delta-BHC

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 5670873
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

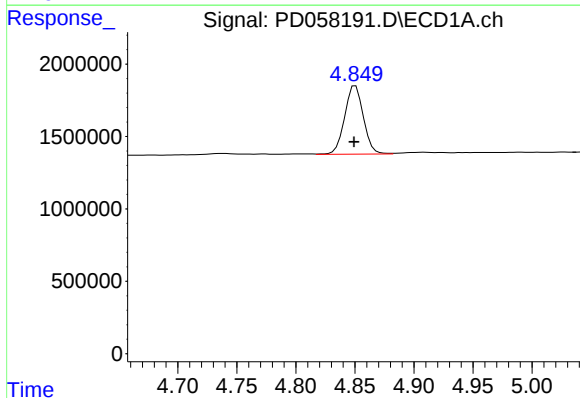
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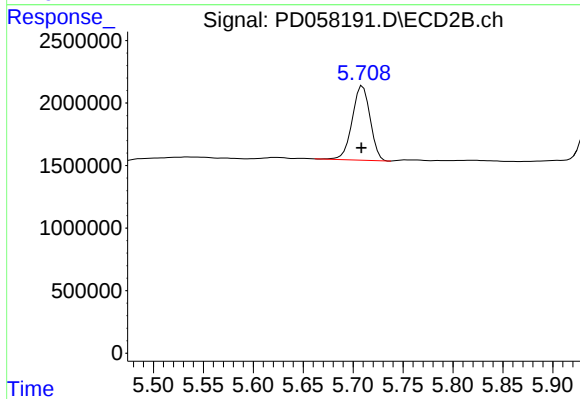
#7 delta-BHC

R.T.: 4.910 min
Delta R.T.: 0.002 min
Response: 7274134
Conc: 4.96 ng/ml



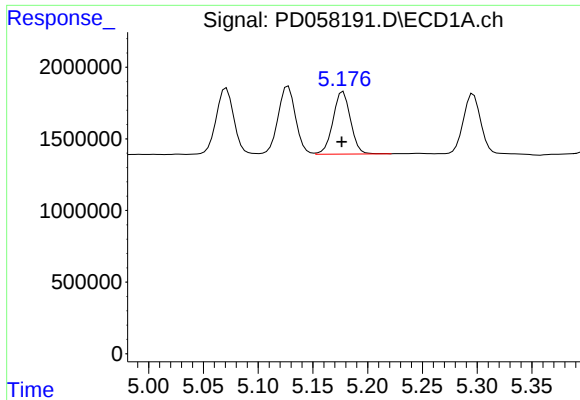
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 5229756
Conc: 5.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 7429155
Conc: 5.34 ng/ml



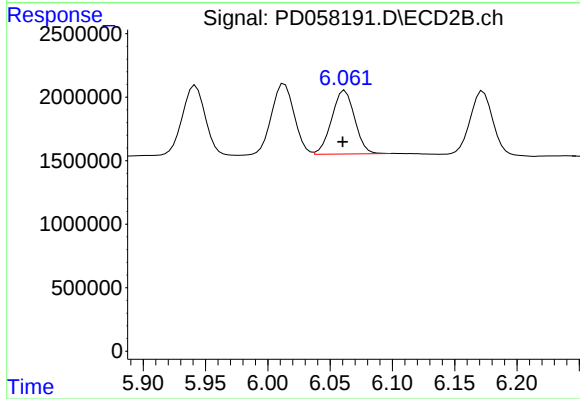
#9 Endosulfan I

R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 4847356
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

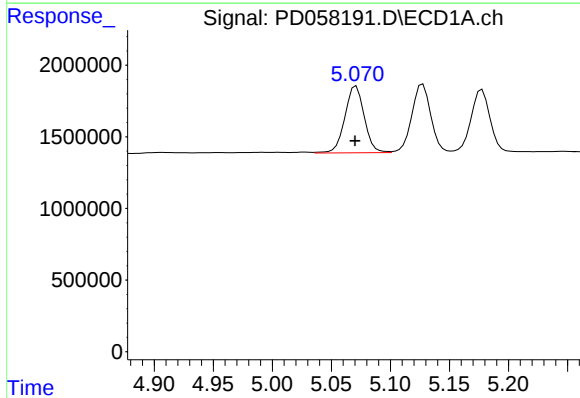
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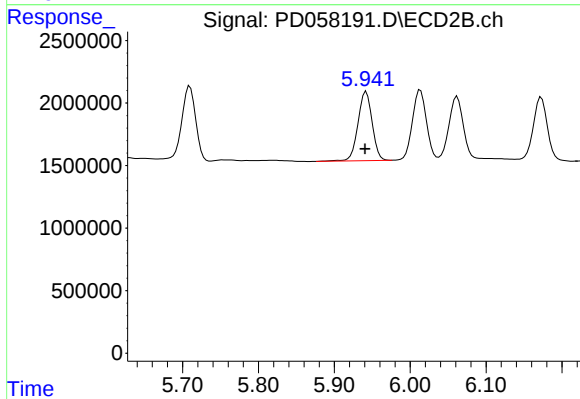
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 6427237
Conc: 5.09 ng/ml



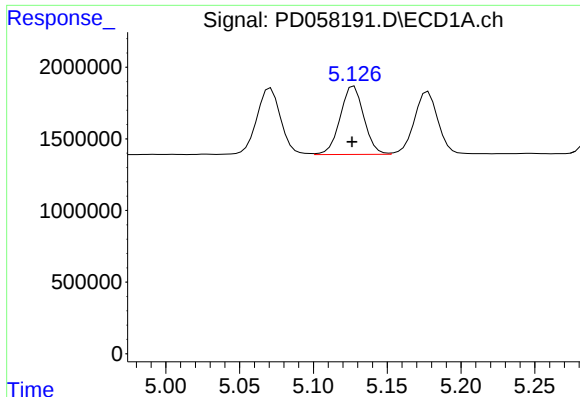
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 5323643
Conc: 5.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 7164531
Conc: 5.14 ng/ml



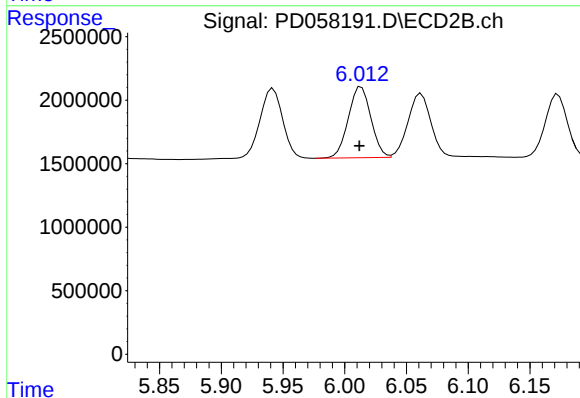
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 5324236
Conc: 5.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

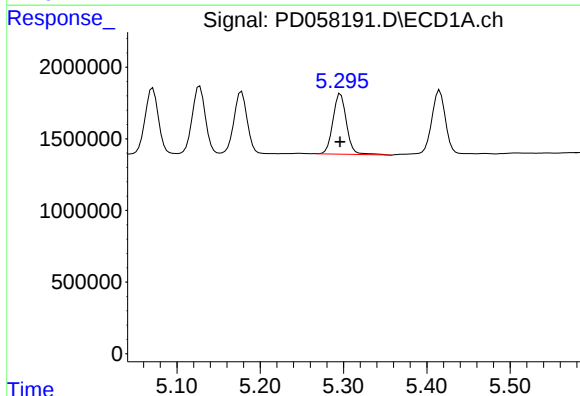
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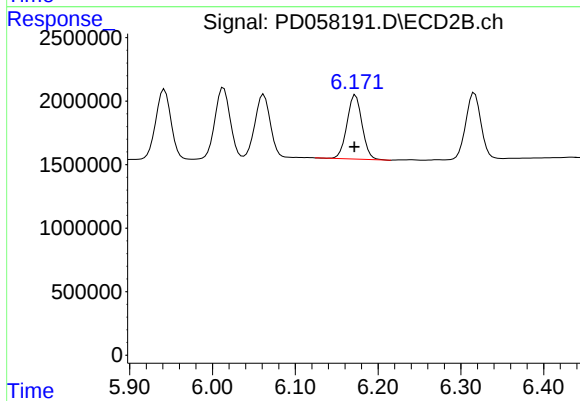
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 7132263
Conc: 5.14 ng/ml



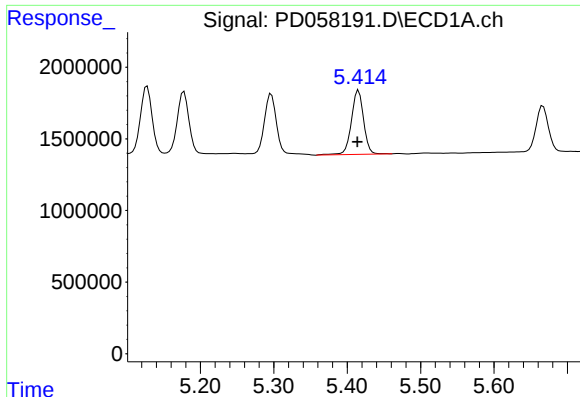
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 4793996
Conc: 5.15 ng/ml



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 6420071
Conc: 5.03 ng/ml



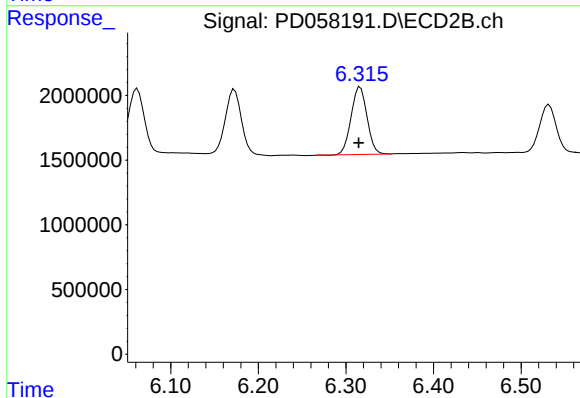
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 5179968
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

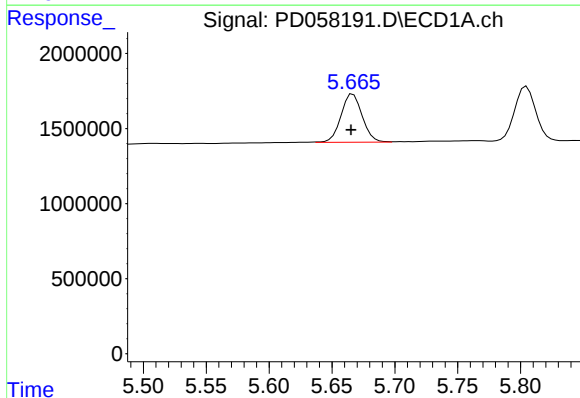
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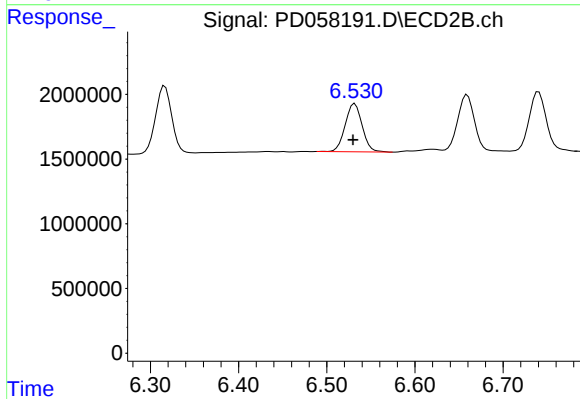
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 6593457
Conc: 4.95 ng/ml



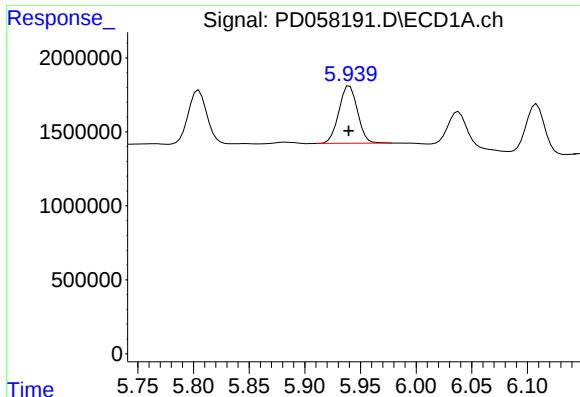
#14 Endrin

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 3770390
Conc: 4.71 ng/ml m



#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 4980526
Conc: 4.72 ng/ml



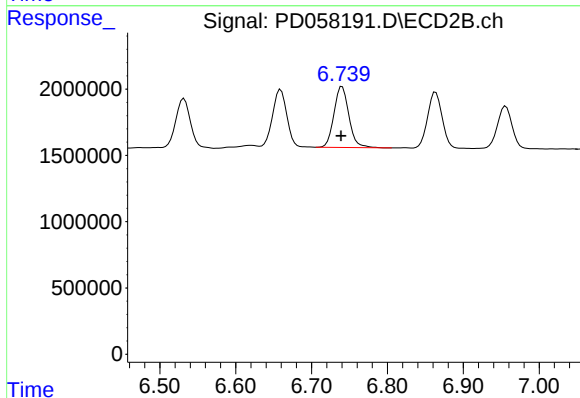
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 4525591
Conc: 5.22 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

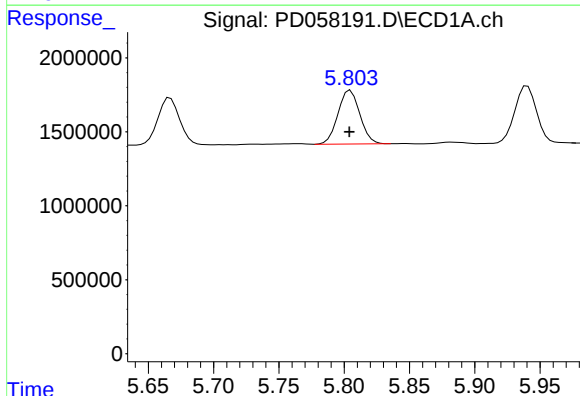
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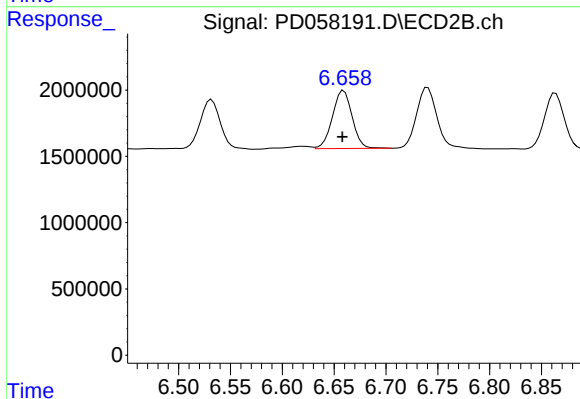
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 6281938
Conc: 5.22 ng/ml



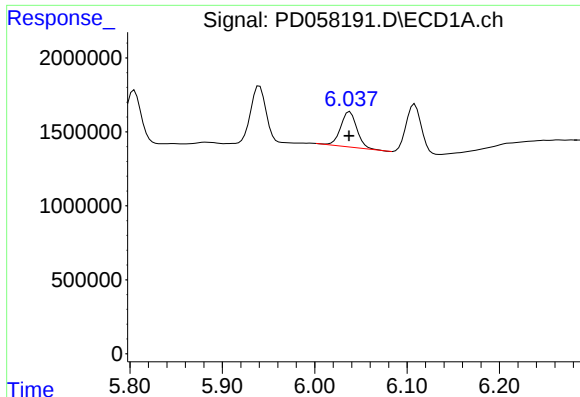
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 4240897
Conc: 5.26 ng/ml



#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 5784072
Conc: 5.22 ng/ml



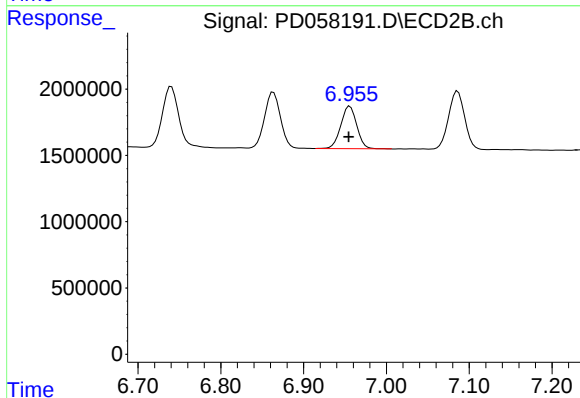
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 2938495
Conc: 4.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

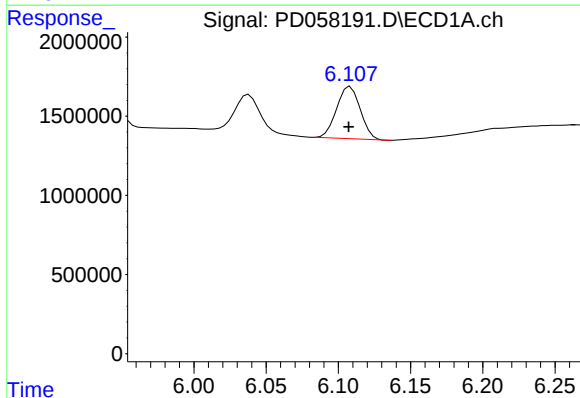
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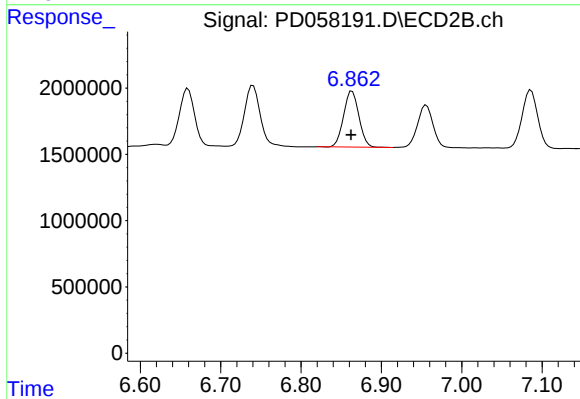
#17 4,4'-DDT

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 4298637
Conc: 4.32 ng/ml



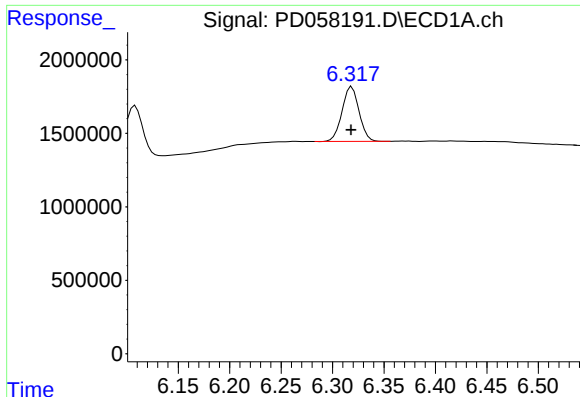
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 3743356
Conc: 5.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.864 min
Delta R.T.: 0.001 min
Response: 5599049
Conc: 5.41 ng/ml



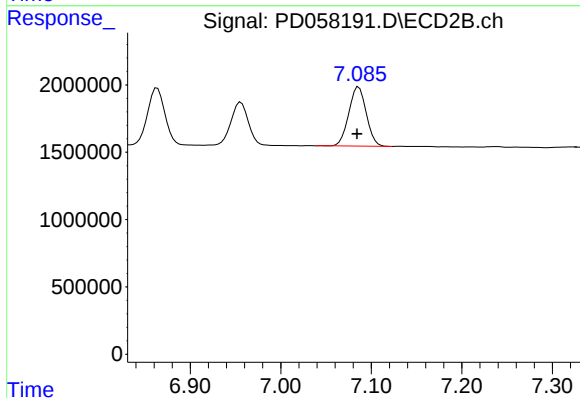
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 4282532
Conc: 5.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

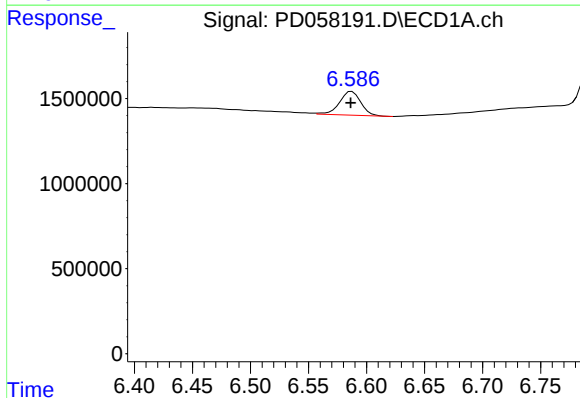
Manual Integrations
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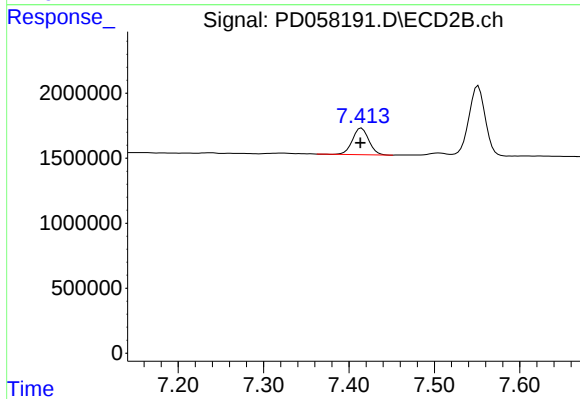
#19 Endosulfan Sulfate

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 5923972
Conc: 5.28 ng/ml



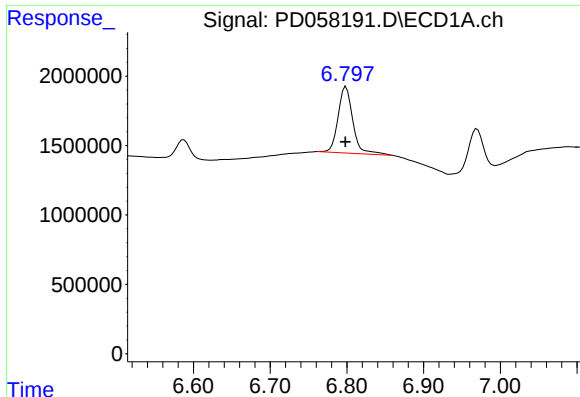
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 1796845
Conc: 4.55 ng/ml



#20 Methoxychlor

R.T.: 7.415 min
Delta R.T.: 0.001 min
Response: 2729960
Conc: 4.73 ng/ml



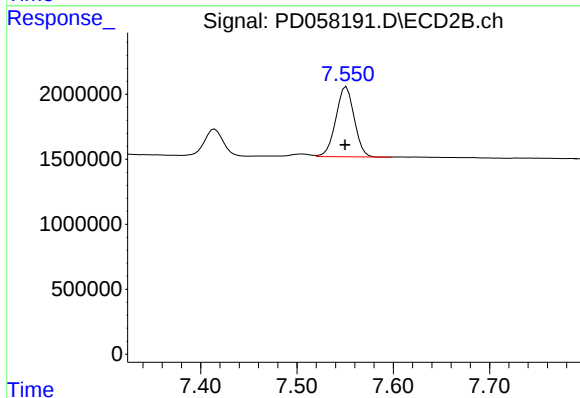
#21 Endrin ketone

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 6381480
Conc: 5.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

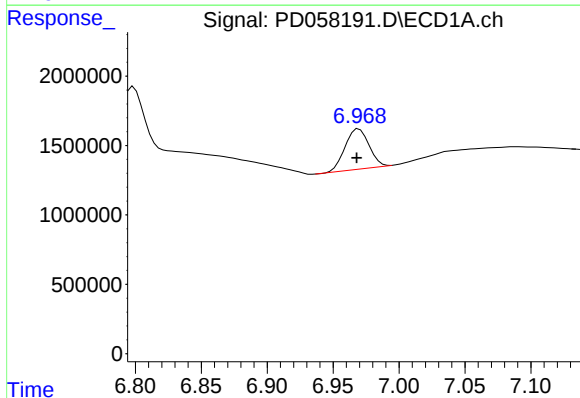
Manual Integrations
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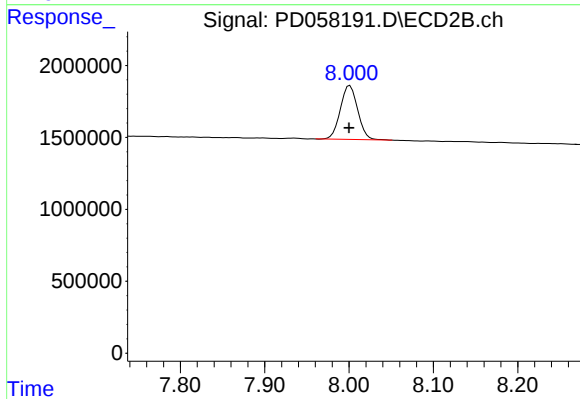
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 7148321
Conc: 5.43 ng/ml



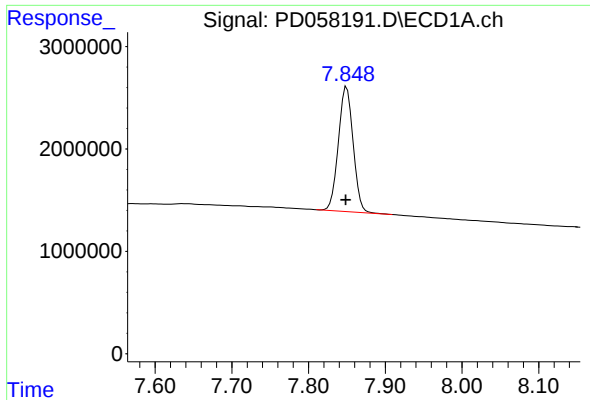
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 3652591
Conc: 5.19 ng/ml



#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 5357506
Conc: 5.64 ng/ml



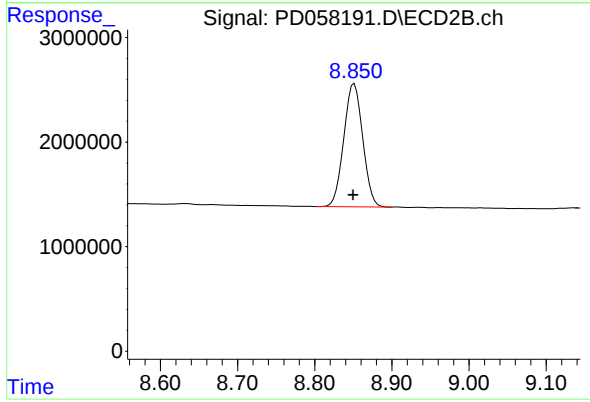
#28 Decachlorobiphenyl

R.T.: 7.850 min
Delta R.T.: 0.001 min
Response: 16280132
Conc: 20.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:11 PM



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.001 min
Response: 20038383
Conc: 19.33 ng/ml