

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 10:46
 Operator : AJ\MA
 Sample : L1161-08
 Misc : LOQ 5 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:09:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 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...	3.285	3.960	15819633	31161991	19.156	19.044
28)	SA Decachlor...	7.956	8.995	18796908	31906542	19.395	19.143
Target Compounds							
2)	A alpha-BHC	3.712	4.346	5439175	9786242	4.164	3.868
3)	MA gamma-BHC...	3.986	4.628	6770025	9510698	5.076	3.893
4)	MA Heptachlor	4.271	5.134	4935239	10363181	4.230	4.332
5)	MB Aldrin	4.510	5.437	4996229	9916529	4.298	4.375
6)	B beta-BHC	4.235	4.798	2366095	4711358	4.580m	4.478
7)	B delta-BHC	4.432	5.012	4781771	7299349	3.838	3.263m
8)	B Heptachlo...	4.947	5.822	4927362	8912269	4.589	4.104
9)	A Endosulfan I	5.277	6.177	4632734	9292490	4.714	4.581
10)	B gamma-Chl...	5.169	6.054	5124891	9773581	4.718	4.390m
11)	B alpha-Chl...	5.226	6.128	5027956	10473906	4.645	4.705
12)	B 4,4'-DDE	5.394	6.285	4563984	8321255	4.833	4.166
13)	MA Dieldrin	5.517	6.433	4659644	9212756	4.375	4.301
14)	MA Endrin	5.770	6.650	4188646	7533809	4.711	4.378
15)	B Endosulfa...	6.043	6.858	4266873	9043397	4.400m	4.739
16)	A 4,4'-DDD	5.903	6.773	3541423	7340431	4.224m	4.363
17)	MA 4,4'-DDT	6.141	7.071	2296192	6614602	3.189	4.295 #
18)	B Endrin al...	6.211	6.980	4719502	7299776	5.581m	4.425m
19)	B Endosulfa...	6.423	7.205	4207731	7960466	4.592	4.347
20)	A Methoxychlor	6.689	7.527	1930867	3707936	4.922	4.202
21)	B Endrin ke...	6.907	7.673	4512418	9186523	4.106	4.470
22)	Mirex	7.081	8.125	4552700	7425694	5.417	5.070m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 10:46
Operator : AJ\MA
Sample : L1161-08
Misc : LOQ 5 PPB
ALS Vial : 12 Sample Multiplier: 1

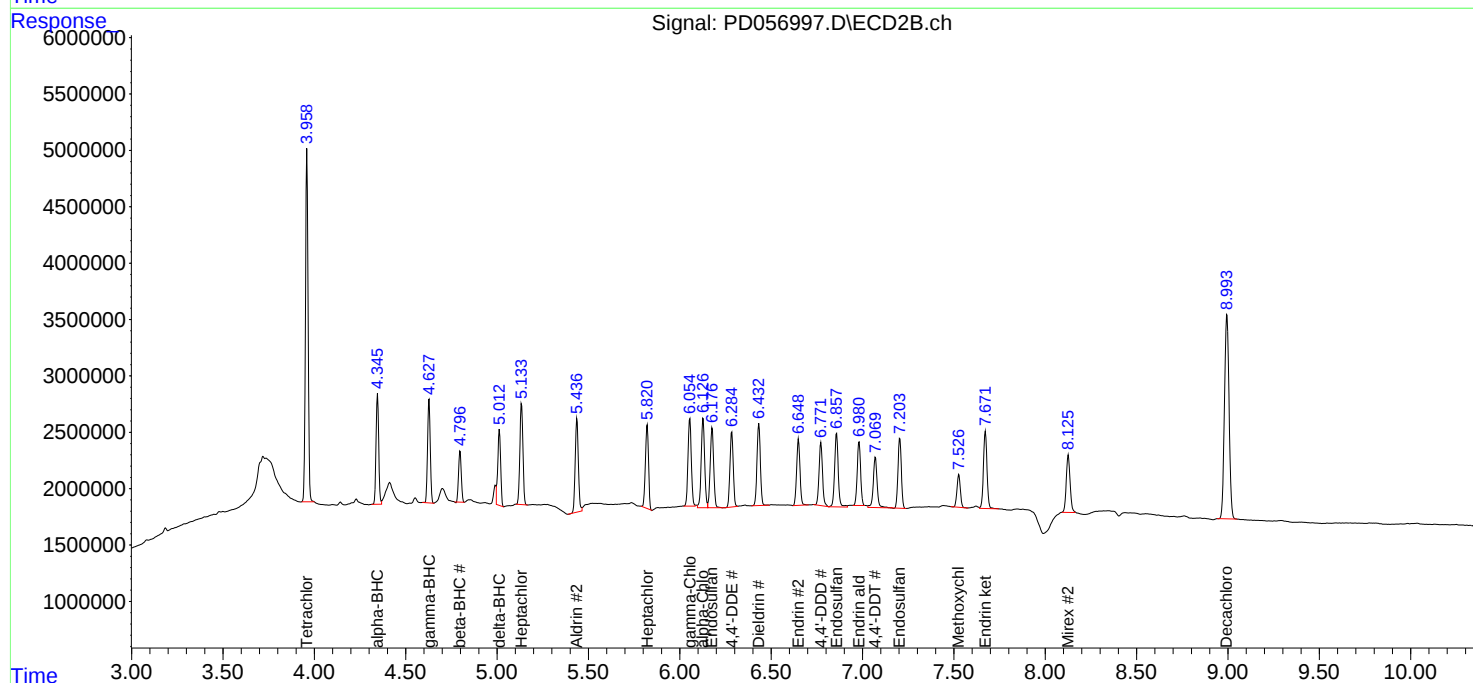
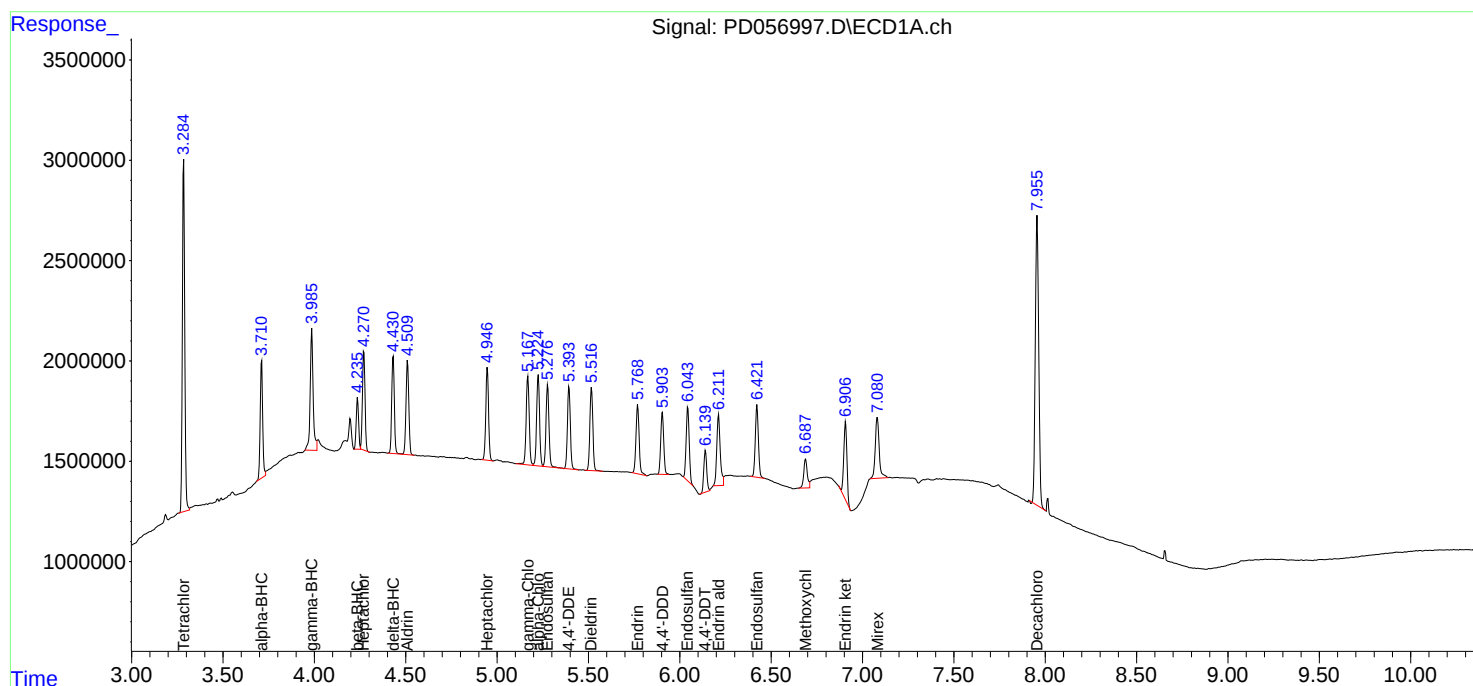
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

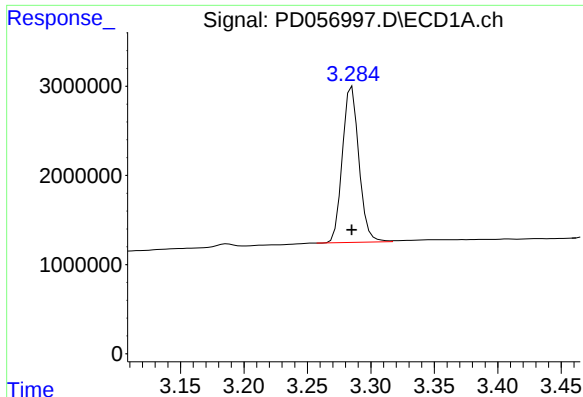
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:09:21 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response 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





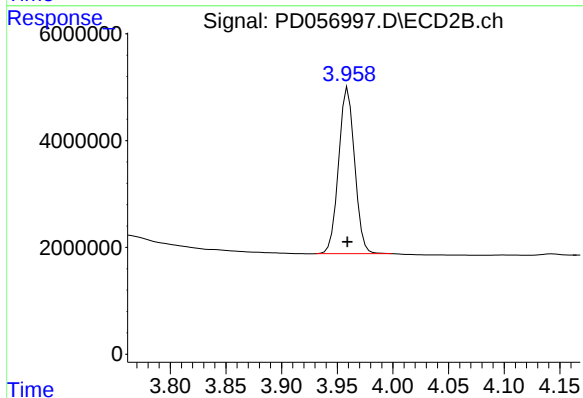
#1 Tetrachloro-m-xylene

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 15819633
Conc: 19.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

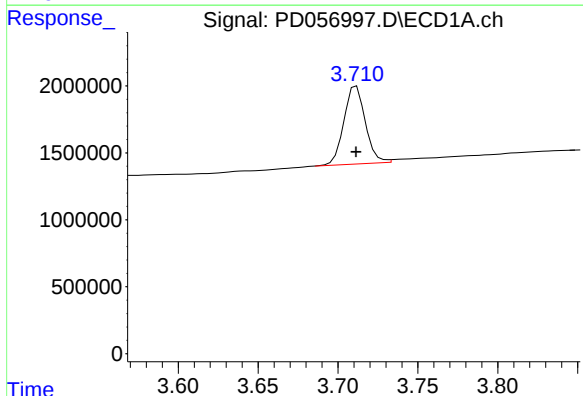
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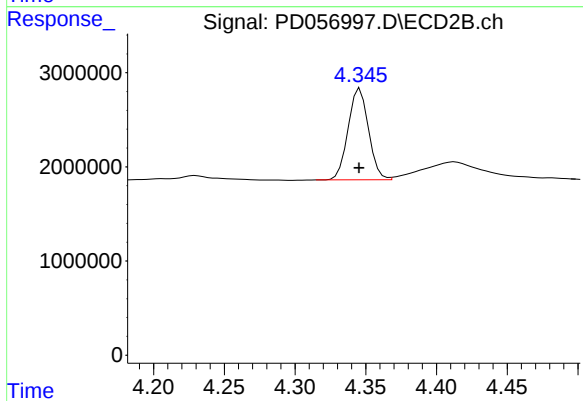
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 31161991
Conc: 19.04 ng/ml



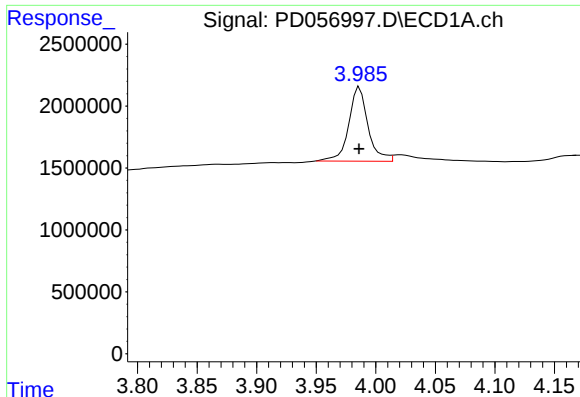
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 5439175
Conc: 4.16 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 9786242
Conc: 3.87 ng/ml



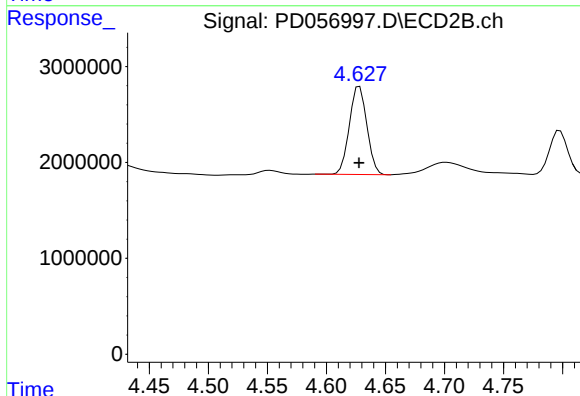
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 6770025
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

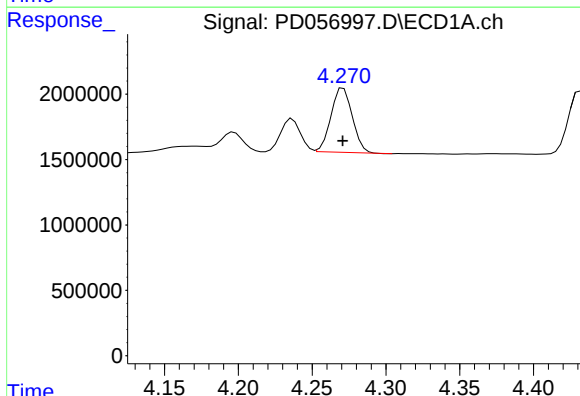
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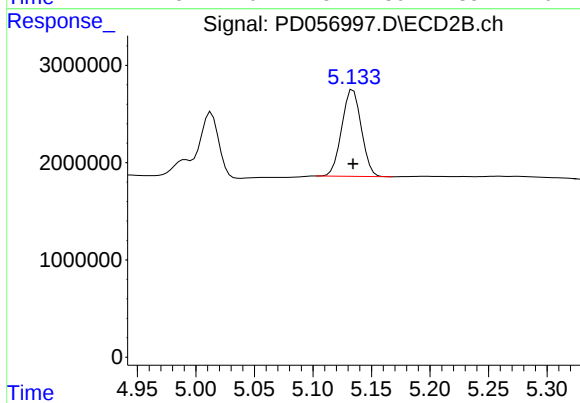
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 9510698
Conc: 3.89 ng/ml



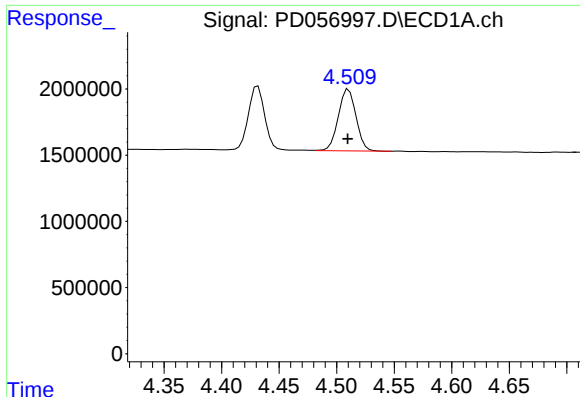
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 4935239
Conc: 4.23 ng/ml



#4 Heptachlor

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 10363181
Conc: 4.33 ng/ml



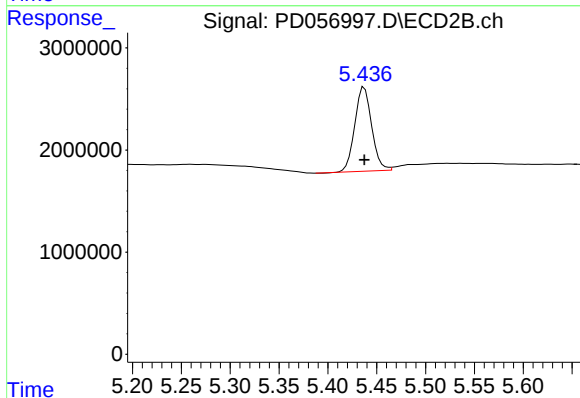
#5 Aldrin

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 4996229
Conc: 4.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

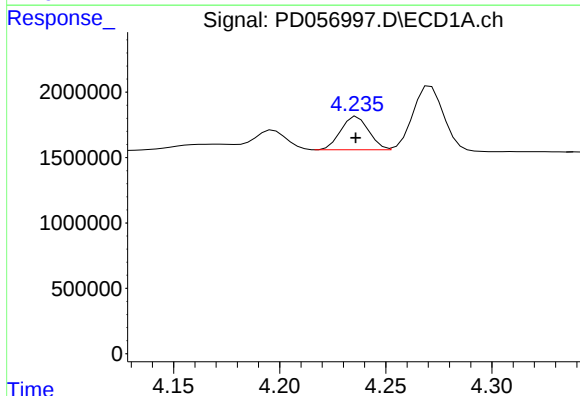
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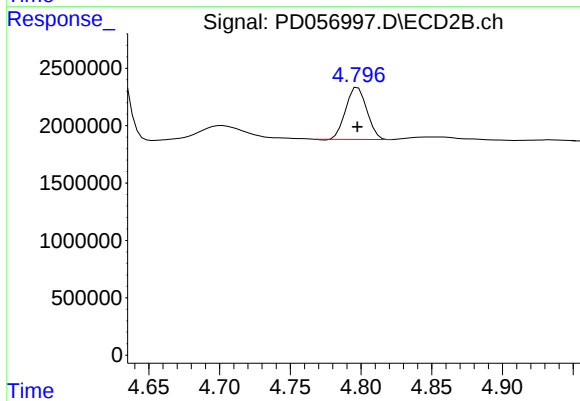
#5 Aldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 9916529
Conc: 4.37 ng/ml



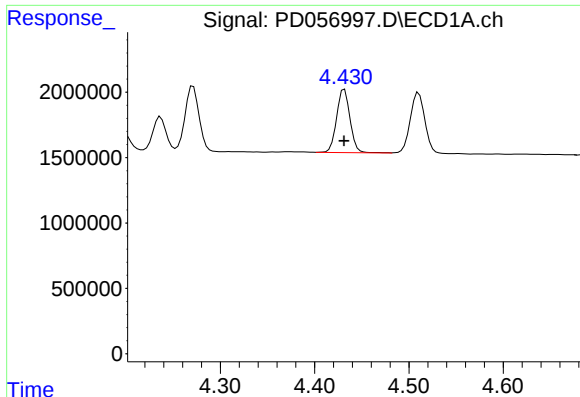
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 2366095
Conc: 4.58 ng/ml m



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 4711358
Conc: 4.48 ng/ml



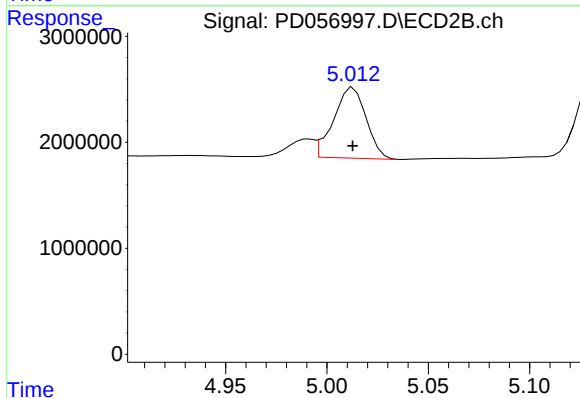
#7 delta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 4781771
Conc: 3.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

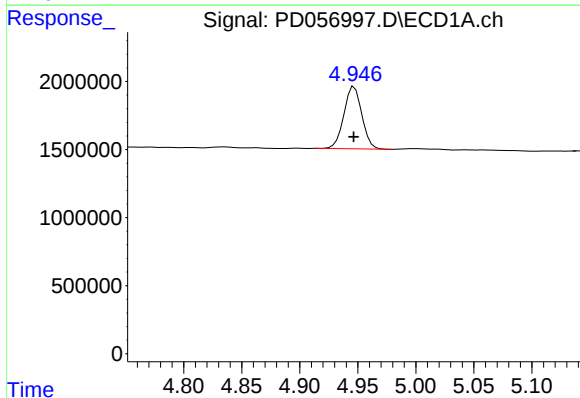
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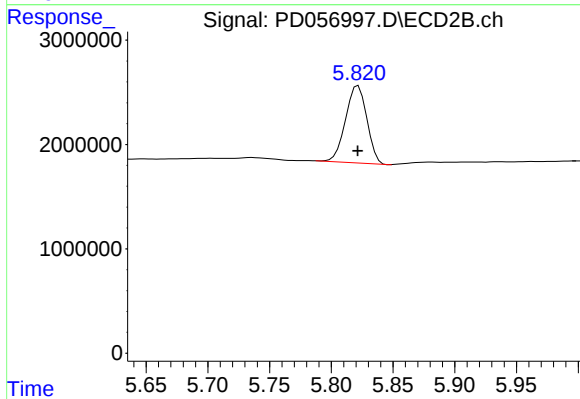
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 7299349
Conc: 3.26 ng/ml m



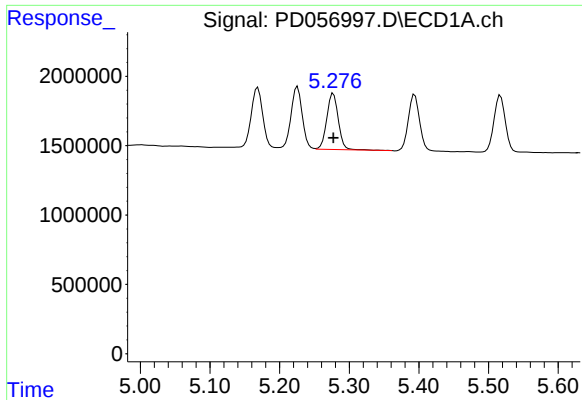
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 4927362
Conc: 4.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 8912269
Conc: 4.10 ng/ml



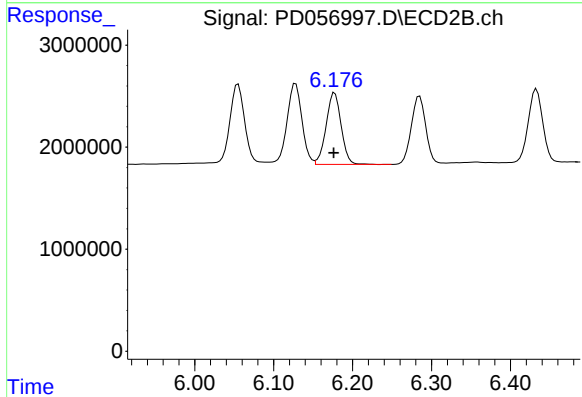
#9 Endosulfan I

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 4632734
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

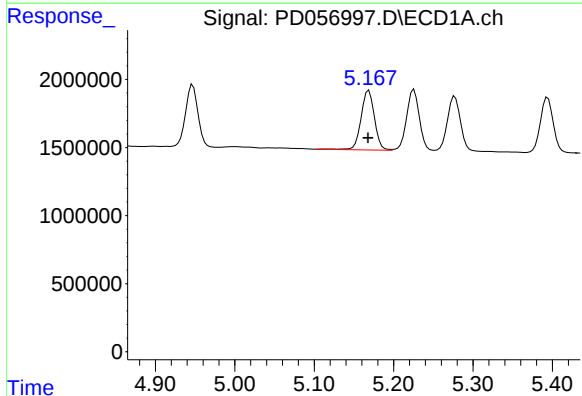
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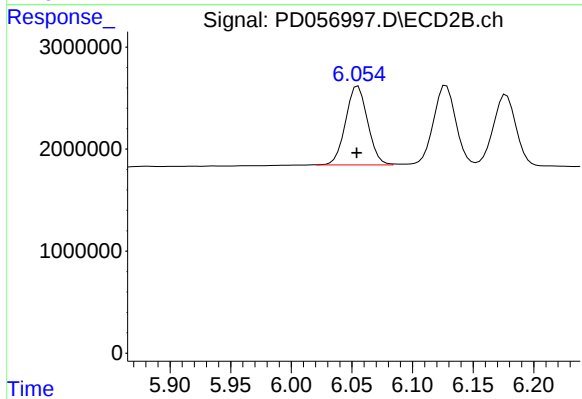
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 9292490
Conc: 4.58 ng/ml



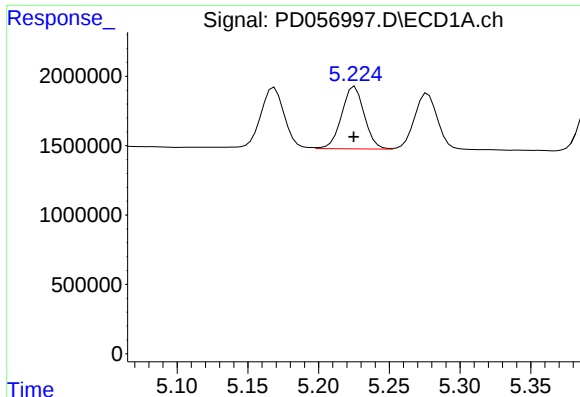
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 5124891
Conc: 4.72 ng/ml



#10 gamma-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 9773581
Conc: 4.39 ng/ml m



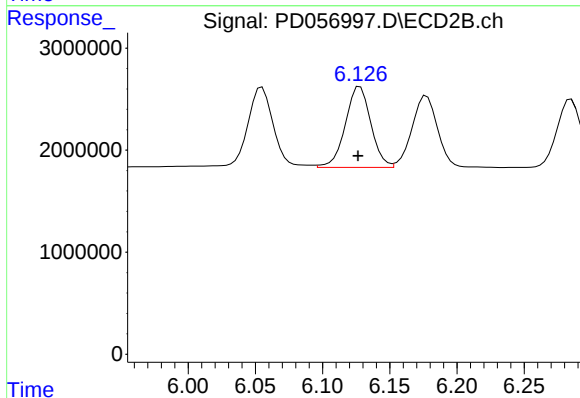
#11 alpha-Chlordane

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 5027956
Conc: 4.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

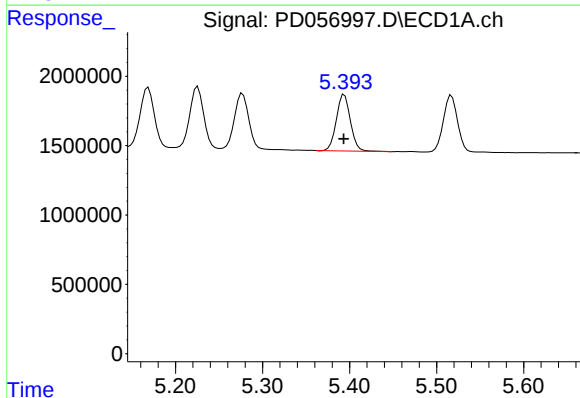
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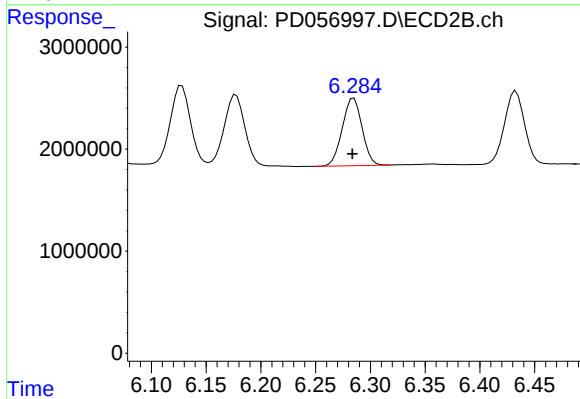
#11 alpha-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.001 min
Response: 10473906
Conc: 4.70 ng/ml



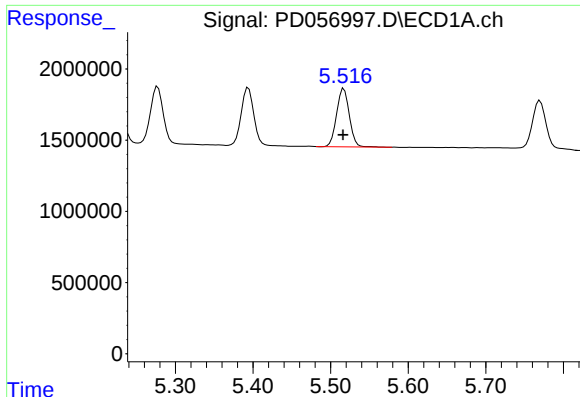
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 4563984
Conc: 4.83 ng/ml



#12 4,4'-DDE

R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 8321255
Conc: 4.17 ng/ml



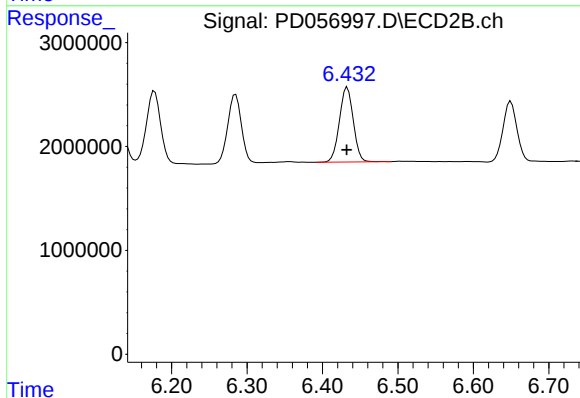
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.001 min
Response: 4659644
Conc: 4.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

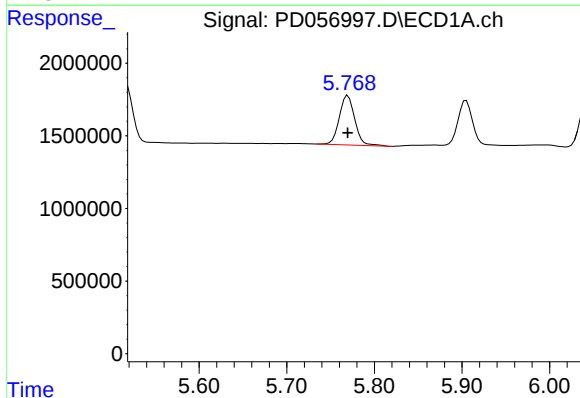
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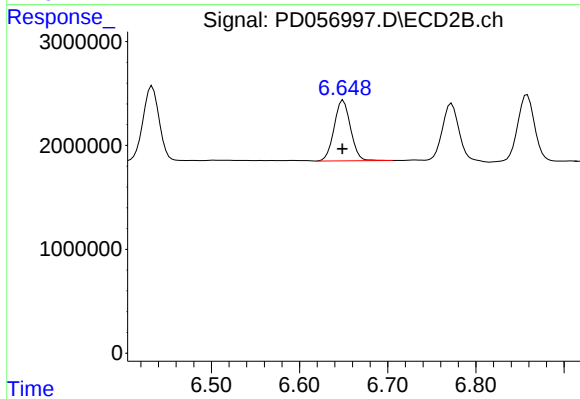
#13 Dieldrin

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 9212756
Conc: 4.30 ng/ml



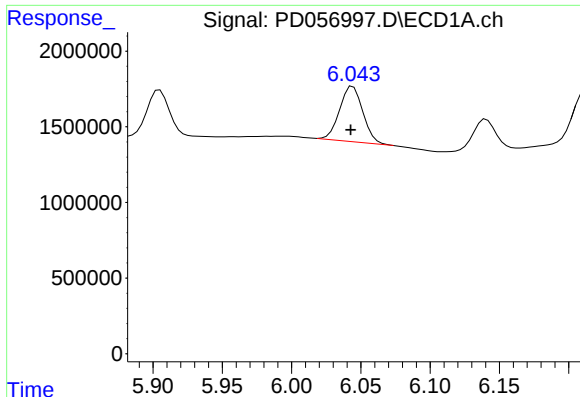
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 4188646
Conc: 4.71 ng/ml



#14 Endrin

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 7533809
Conc: 4.38 ng/ml



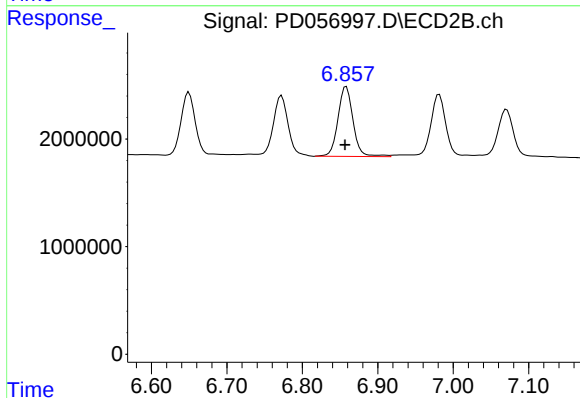
#15 Endosulfan II

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 4266873
Conc: 4.40 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

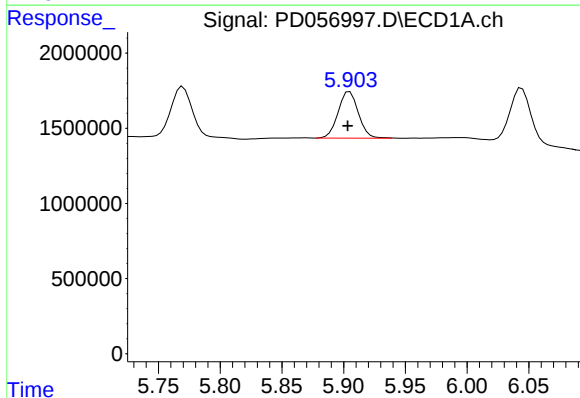
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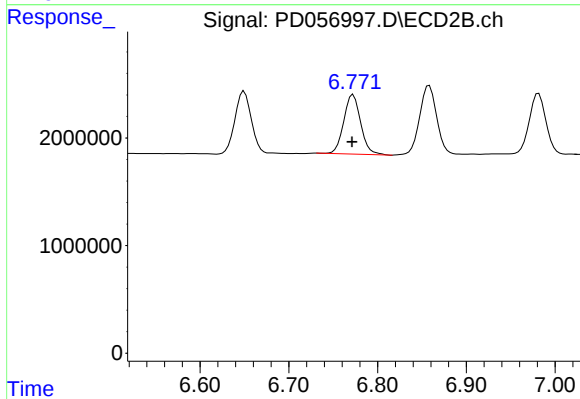
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 9043397
Conc: 4.74 ng/ml



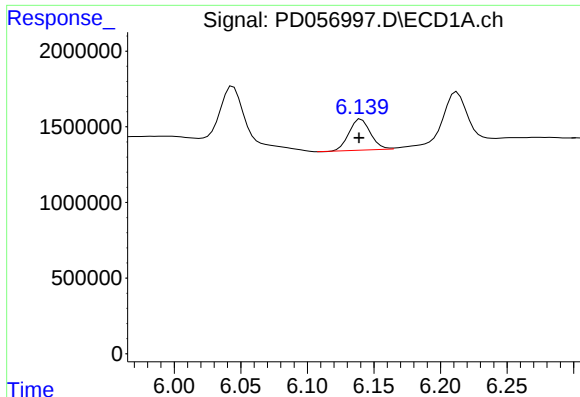
#16 4,4'-DDD

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 3541423
Conc: 4.22 ng/ml m



#16 4,4'-DDD

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 7340431
Conc: 4.36 ng/ml



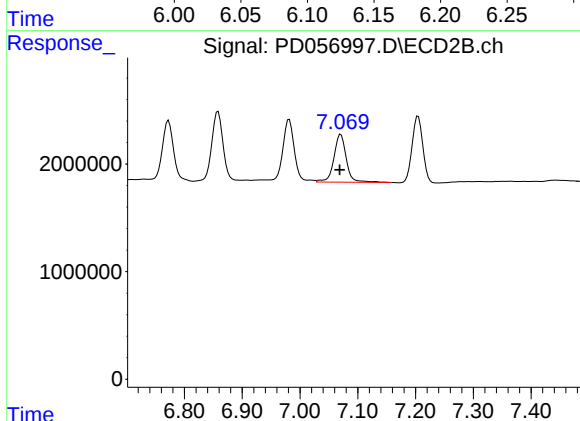
#17 4,4'-DDT

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 2296192
Conc: 3.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

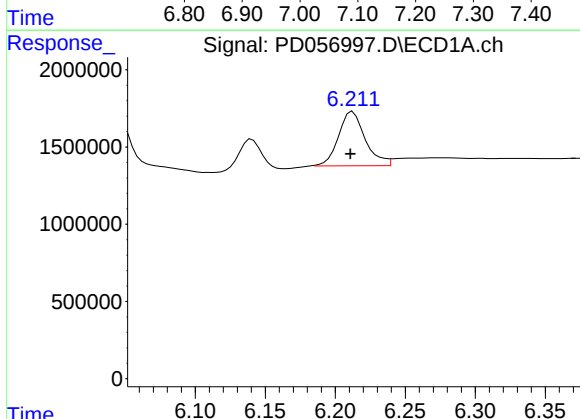
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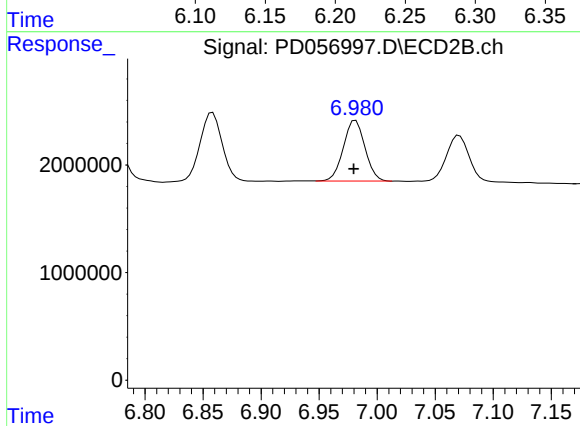
#17 4,4'-DDT

R.T.: 7.071 min
Delta R.T.: 0.002 min
Response: 6614602
Conc: 4.30 ng/ml



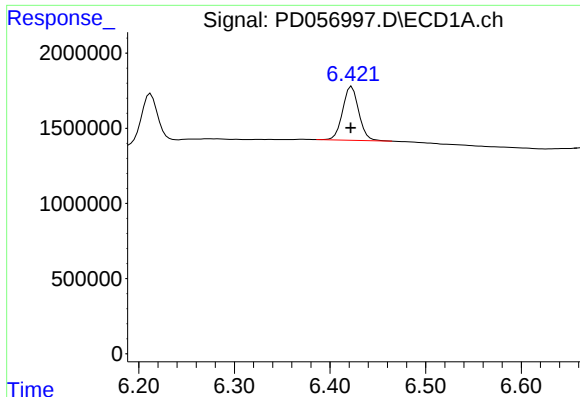
#18 Endrin aldehyde

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 4719502
Conc: 5.58 ng/ml m



#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 7299776
Conc: 4.42 ng/ml m



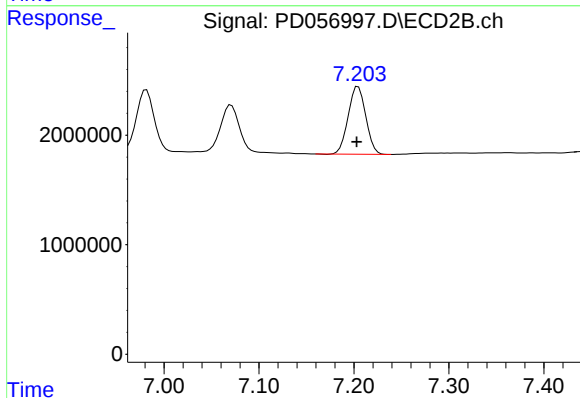
#19 Endosulfan Sulfate

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 4207731
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

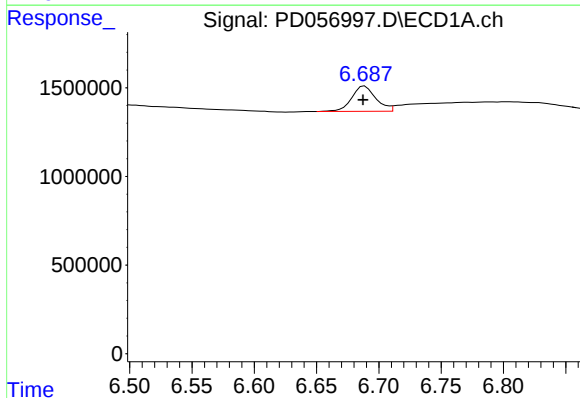
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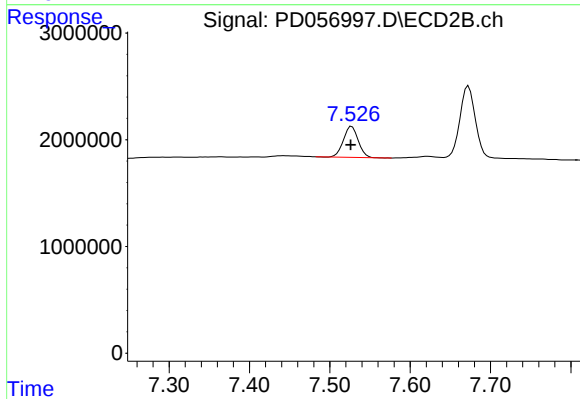
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 7960466
Conc: 4.35 ng/ml



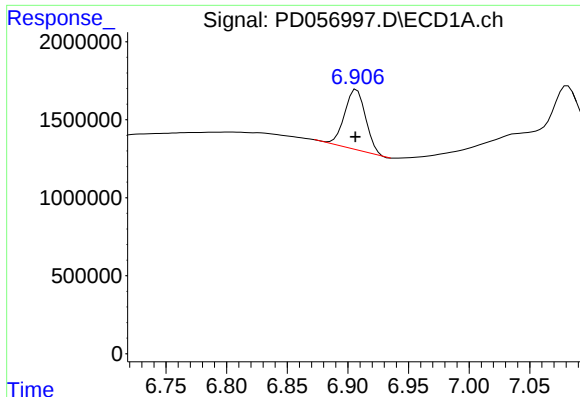
#20 Methoxychlor

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 1930867
Conc: 4.92 ng/ml



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.001 min
Response: 3707936
Conc: 4.20 ng/ml



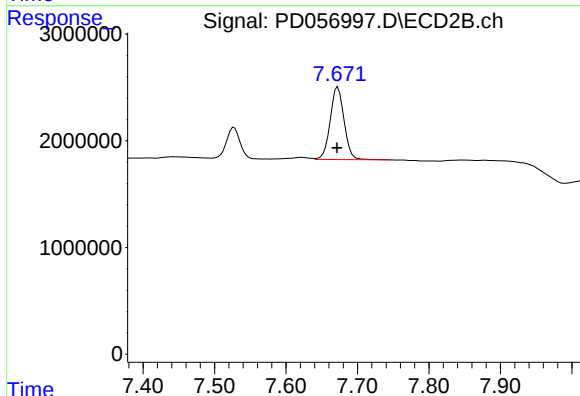
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 4512418
Conc: 4.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

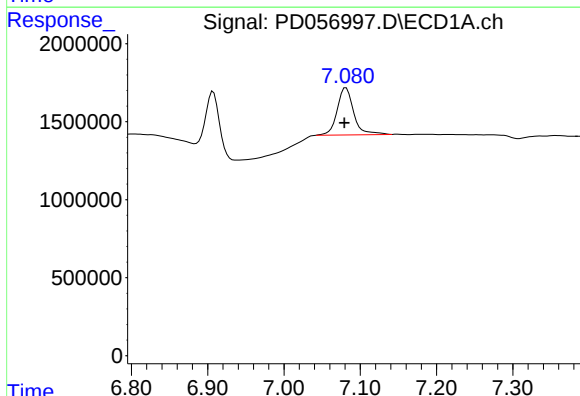
Manual Integrations
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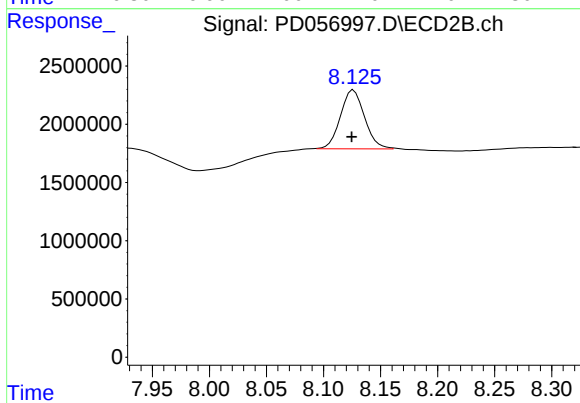
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.001 min
Response: 9186523
Conc: 4.47 ng/ml



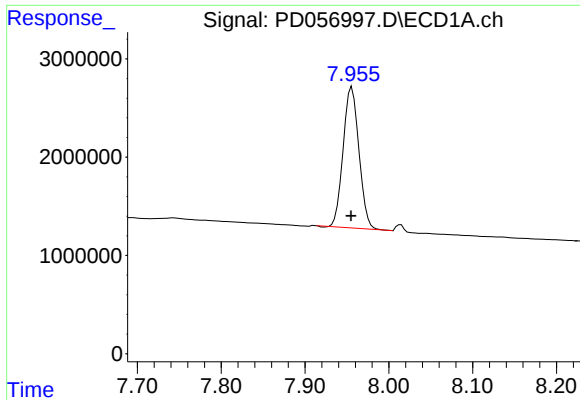
#22 Mirex

R.T.: 7.081 min
Delta R.T.: 0.002 min
Response: 4552700
Conc: 5.42 ng/ml



#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 7425694
Conc: 5.07 ng/ml m



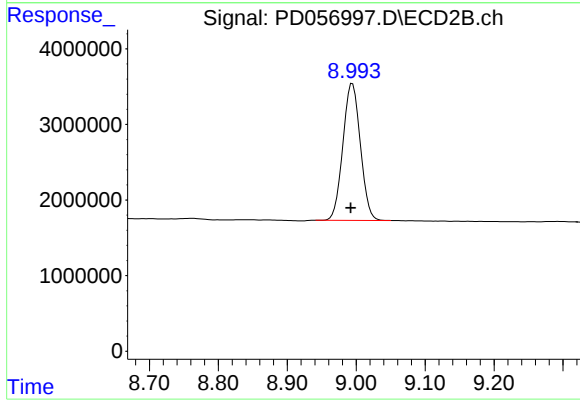
#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 18796908
Conc: 19.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:58 PM



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.002 min
Response: 31906542
Conc: 19.14 ng/ml