

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 22:52
 Operator : AR\AJ
 Sample : P1187-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/25/2024
 Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 01:00:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.565	2.796	29282850	52866752	20.628	22.100
28) SA Decachlor...	9.109	7.933	46751200	61996945	23.231	23.276
Target Compounds						
2) A alpha-BHC	4.022	3.297	9920814	17392907	3.994	4.533
3) MA gamma-BHC...	4.355	3.625	10142805	16236437	4.144	4.343m
4) MA Heptachlor	4.948	3.968	12071396	16825792	4.894	4.880
5) MB Aldrin	5.292	4.248	11275029	16903051	4.593	4.641
6) B beta-BHC	4.550	3.922	5088873	7890770	5.029	5.050
7) B delta-BHC	4.799	4.153	10269238	16417481	4.093	4.374
8) B Heptachlo...	5.718	4.749	11392662	16289040	5.088	4.863
9) A Endosulfan I	6.105	5.119	11265422	15564362	5.432	5.082
10) B gamma-Chl...	5.973	4.999	11534322	16521485	5.269	5.051
11) B alpha-Chl...	6.053	5.063	11763465	16627000	5.402	5.085
12) B 4,4'-DDE	6.224	5.252	10631315	14312173	5.225	4.672
13) MA Dieldrin	6.380	5.384	11491704	16476259	5.201	4.845
14) MA Endrin	6.610	5.659	9308383	14828190	4.984	5.004
15) B Endosulfa...	6.828	5.951	10809092	14588366	5.582	5.073
16) A 4,4'-DDD	6.741	5.805	8185615	12700949	4.982	4.838
17) MA 4,4'-DDT	7.056	6.057	9004821	12078301	5.056	4.553
18) B Endrin al...	6.956	6.131	8243671	11700017	5.419m	5.189
19) B Endosulfa...	7.193	6.353	10264348	14596933	5.406	5.233
20) A Methoxychlor	7.530	6.631	5720274	8116724	5.558	5.186
21) B Endrin ke...	7.679	6.859	10974176	16391362	5.248	5.079
22) Mirex	8.155	7.043	10064434	14146619	6.102	5.614

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
Data File : PD080862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 22:52
Operator : AR\AJ
Sample : P1187-08
Misc : PEST LOQ 5PPB
ALS Vial : 33 Sample Multiplier: 1

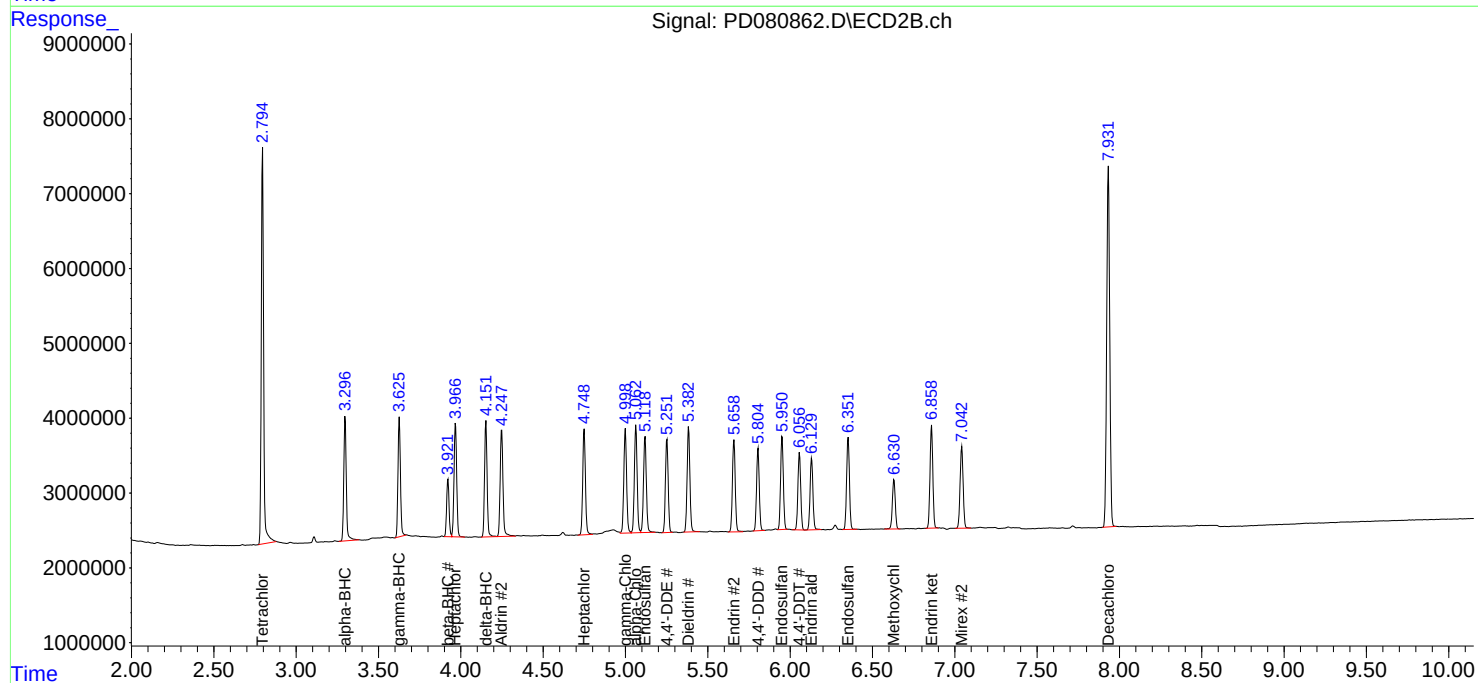
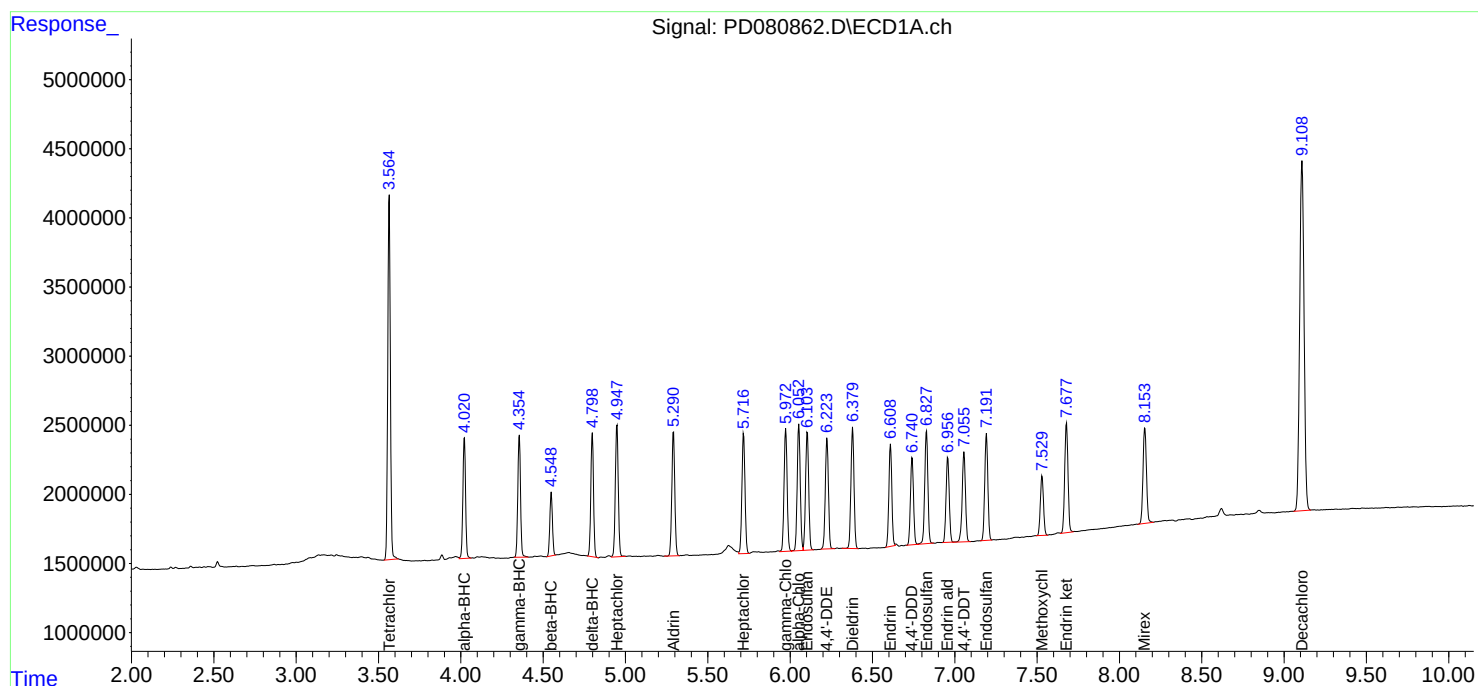
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

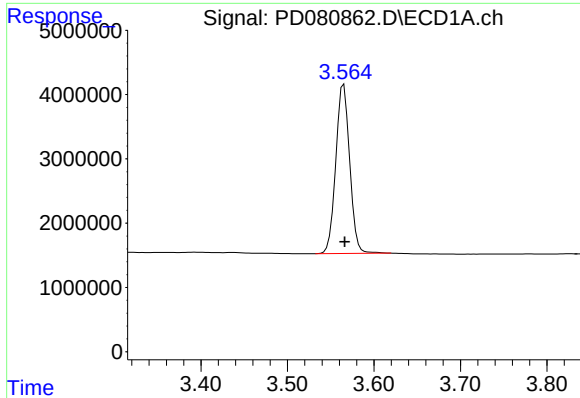
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/25/2024
Supervised By : Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 01:00:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Wed Jan 24 20:16:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





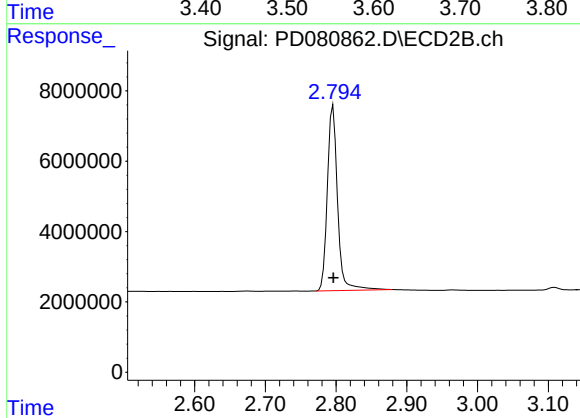
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29282850
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
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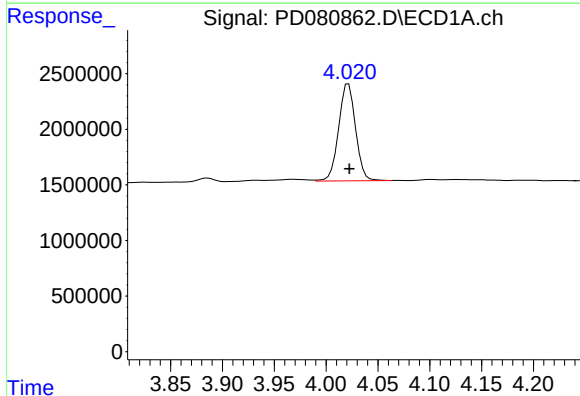
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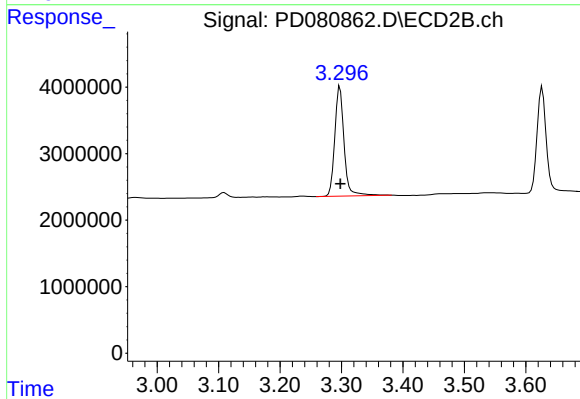
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 52866752
Conc: 22.10 ng/ml



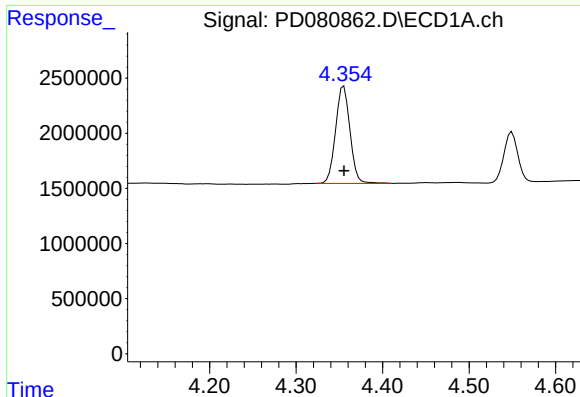
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 9920814
Conc: 3.99 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 17392907
Conc: 4.53 ng/ml



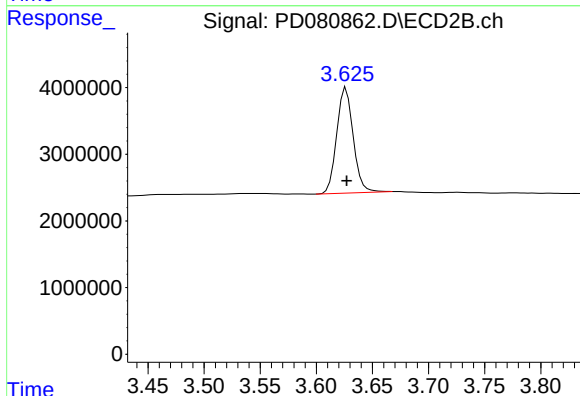
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 10142805
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

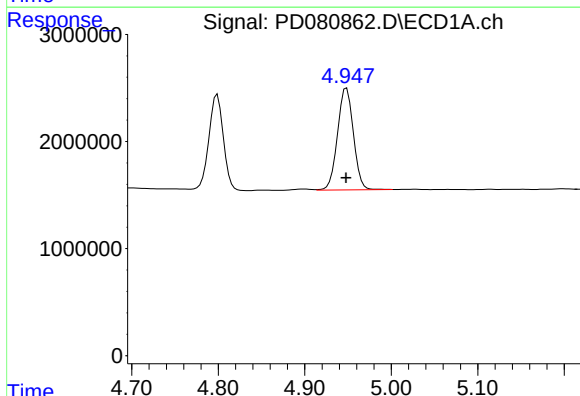
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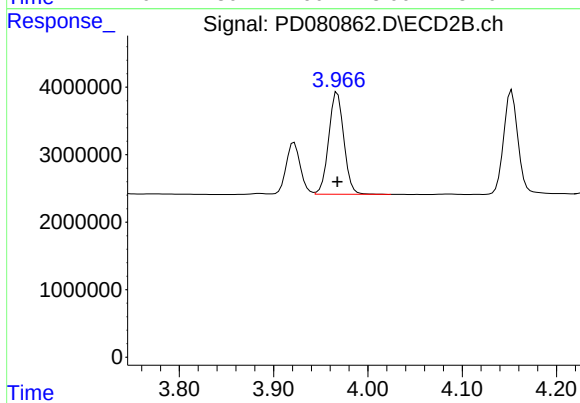
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 16236437
Conc: 4.34 ng/ml m



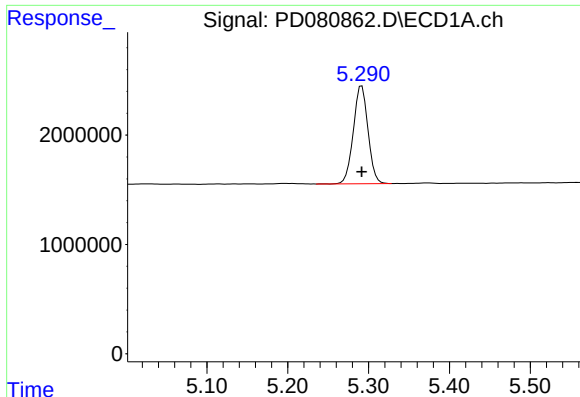
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 12071396
Conc: 4.89 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 16825792
Conc: 4.88 ng/ml



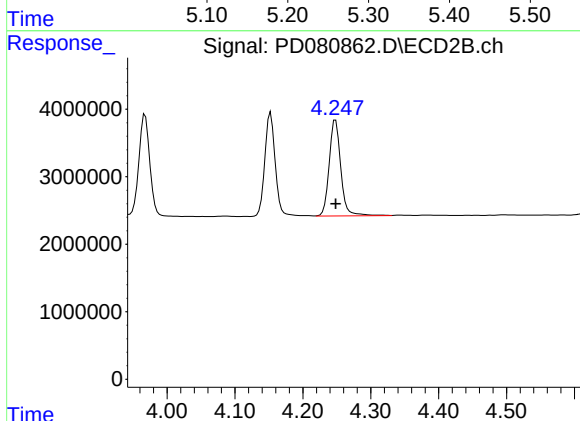
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 11275029
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

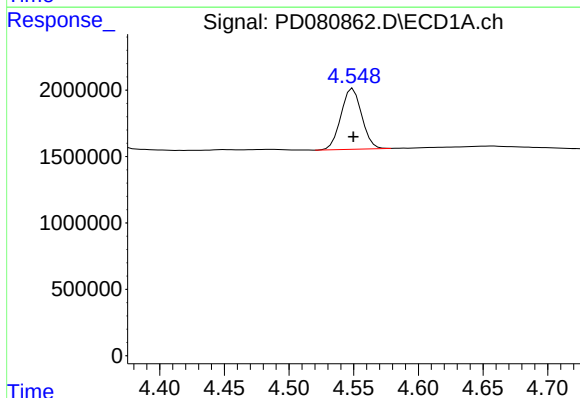
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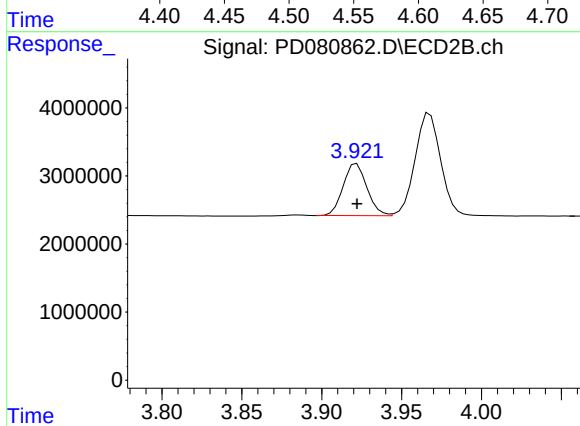
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 16903051
Conc: 4.64 ng/ml



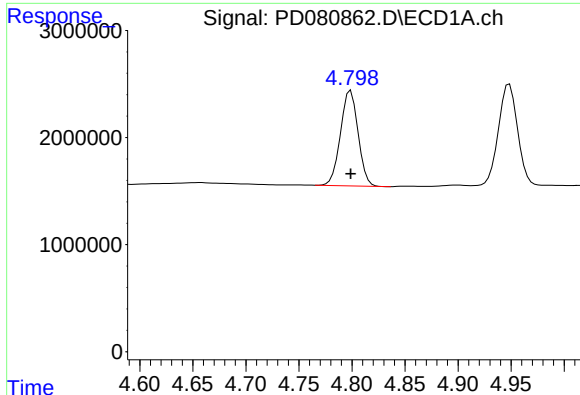
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 5088873
Conc: 5.03 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 7890770
Conc: 5.05 ng/ml



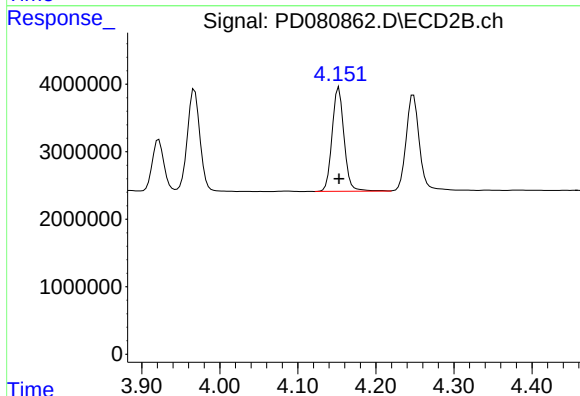
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 10269238
Conc: 4.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
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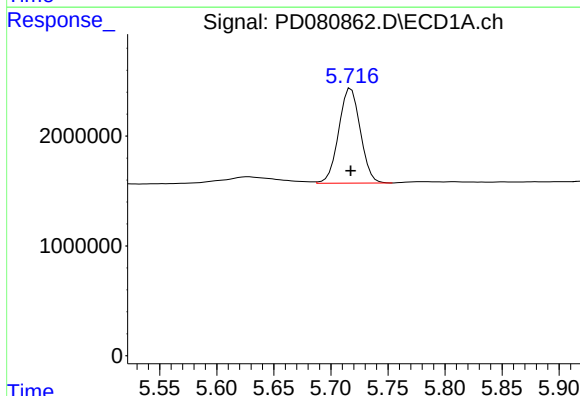
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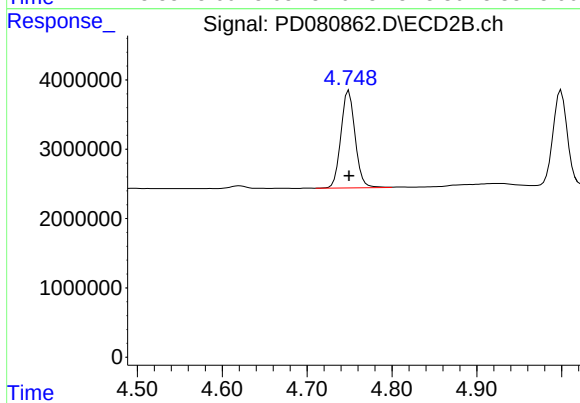
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 16417481
Conc: 4.37 ng/ml



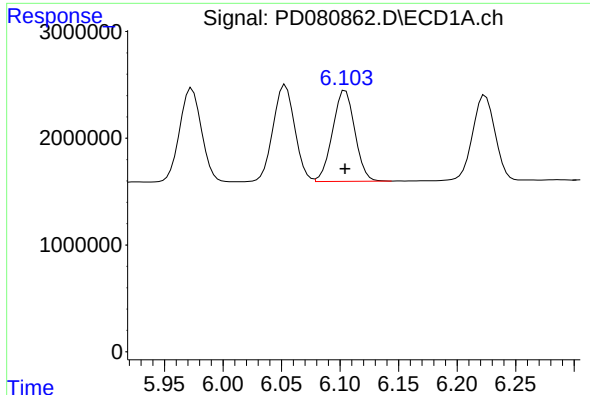
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 11392662
Conc: 5.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 16289040
Conc: 4.86 ng/ml



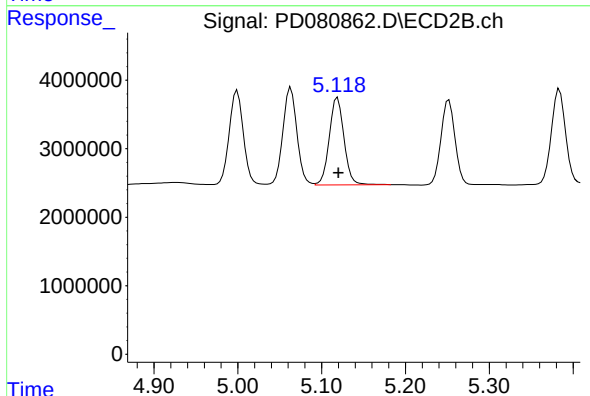
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 11265422
Conc: 5.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

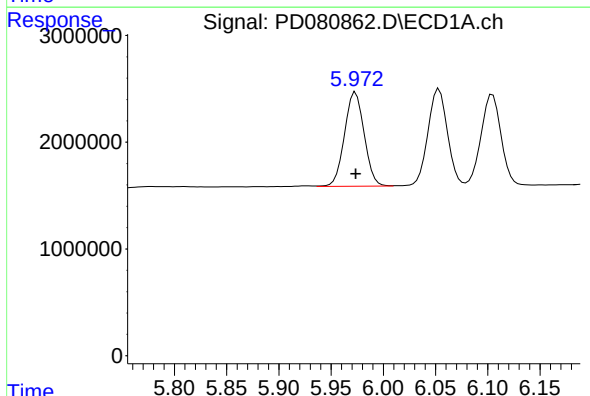
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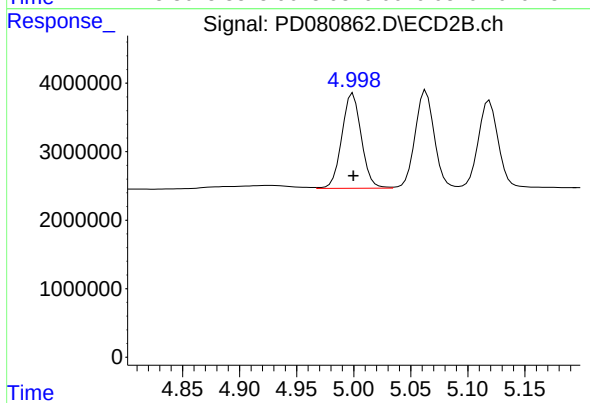
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 15564362
Conc: 5.08 ng/ml



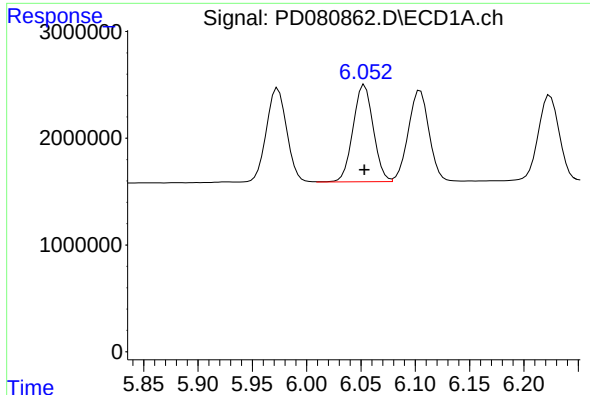
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 11534322
Conc: 5.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 16521485
Conc: 5.05 ng/ml



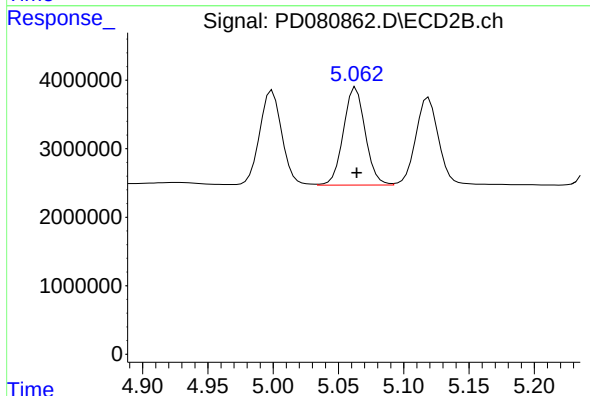
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 11763465
Conc: 5.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

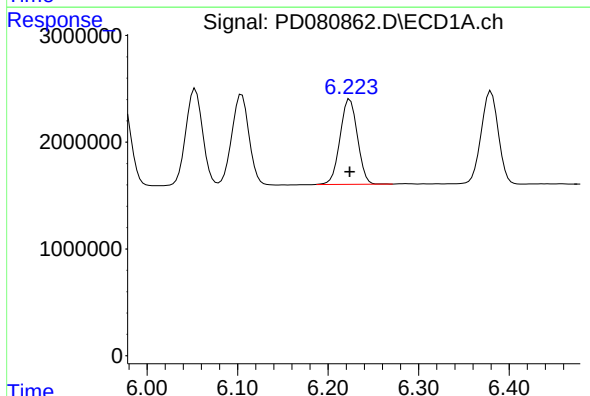
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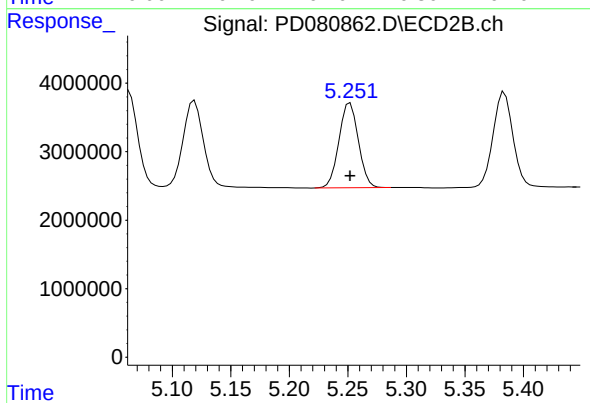
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 16627000
Conc: 5.09 ng/ml



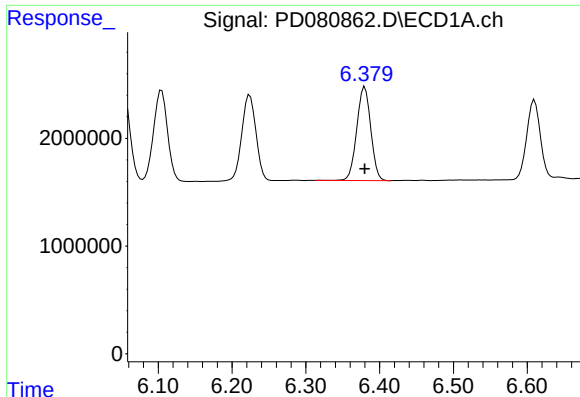
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 10631315
Conc: 5.22 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 14312173
Conc: 4.67 ng/ml



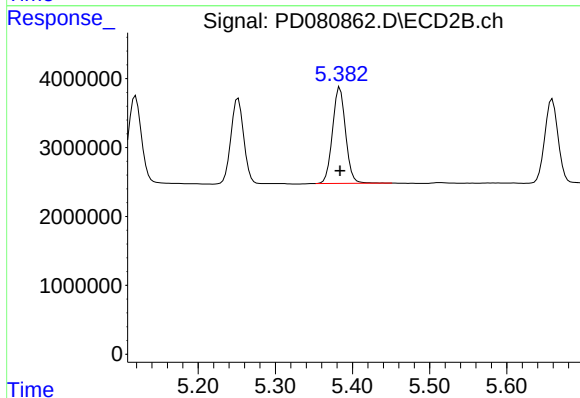
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 11491704
Conc: 5.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

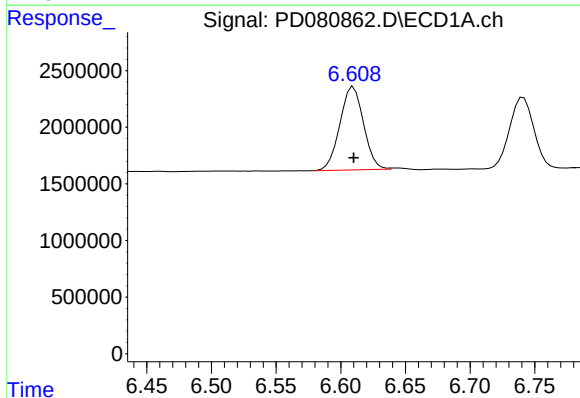
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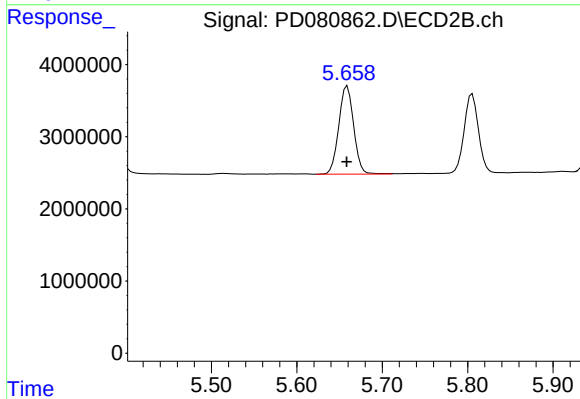
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 16476259
Conc: 4.84 ng/ml



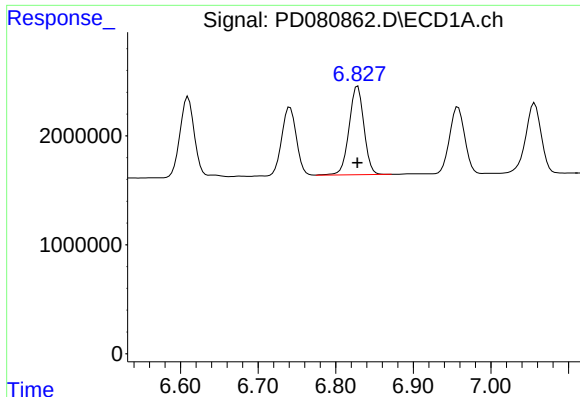
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 9308383
Conc: 4.98 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 14828190
Conc: 5.00 ng/ml



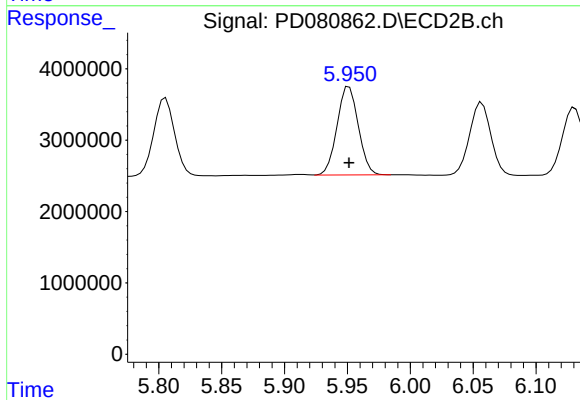
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 10809092
Conc: 5.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
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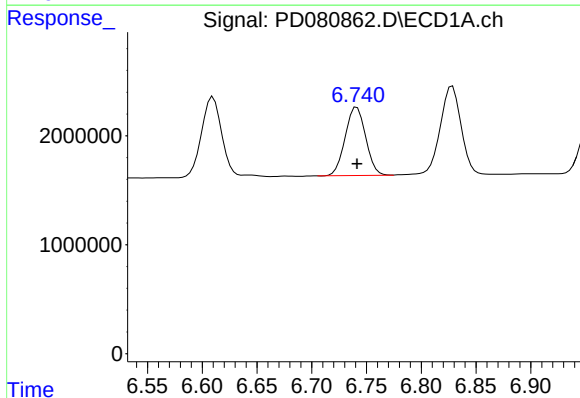
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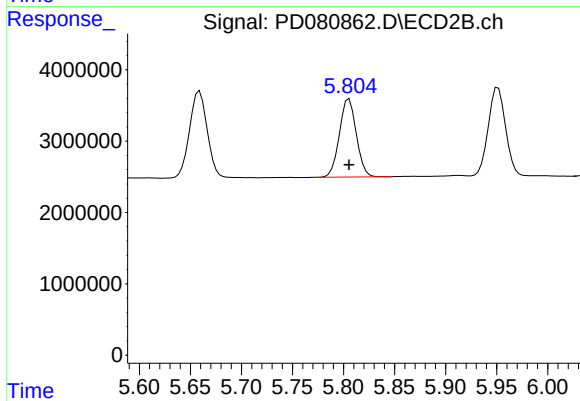
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 14588366
Conc: 5.07 ng/ml



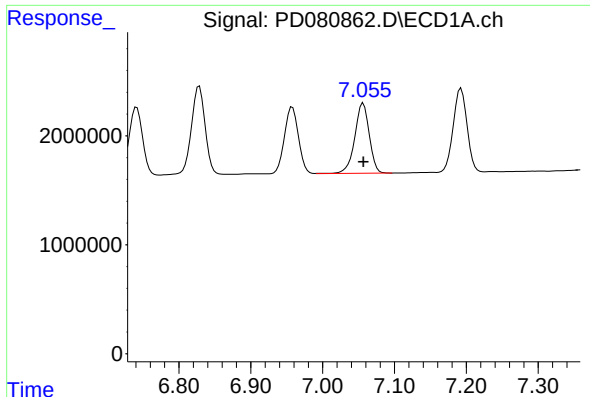
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 8185615
Conc: 4.98 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 12700949
Conc: 4.84 ng/ml



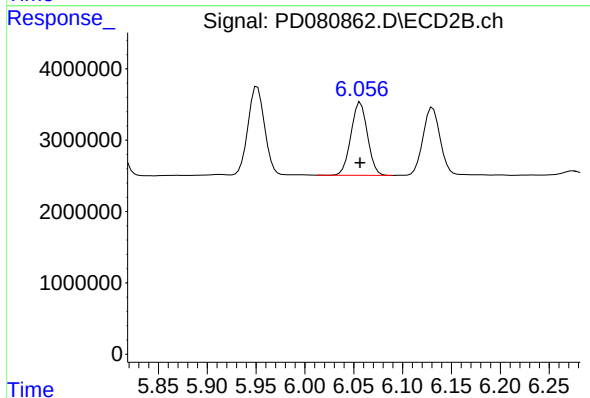
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 9004821
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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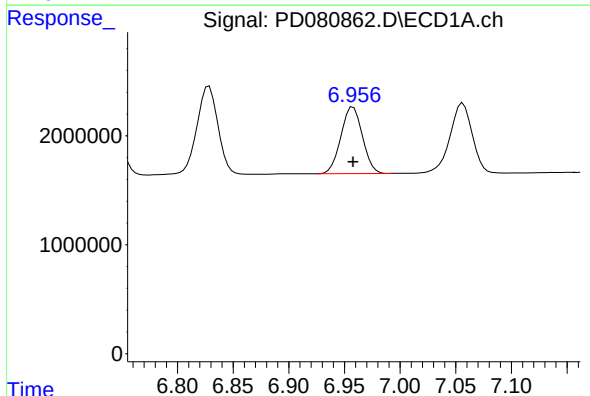
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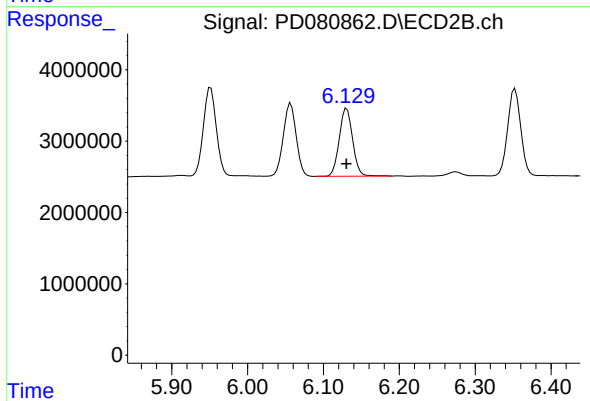
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 12078301
Conc: 4.55 ng/ml



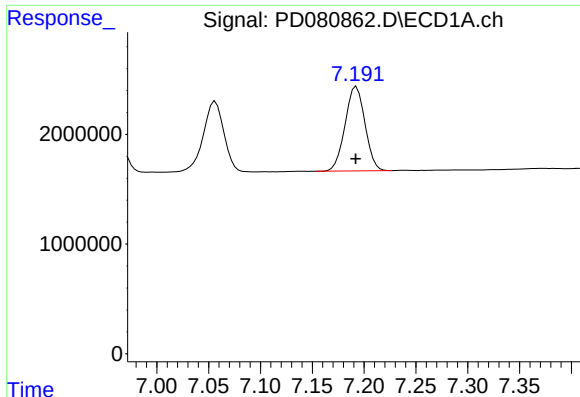
#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 8243671
Conc: 5.42 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 11700017
Conc: 5.19 ng/ml



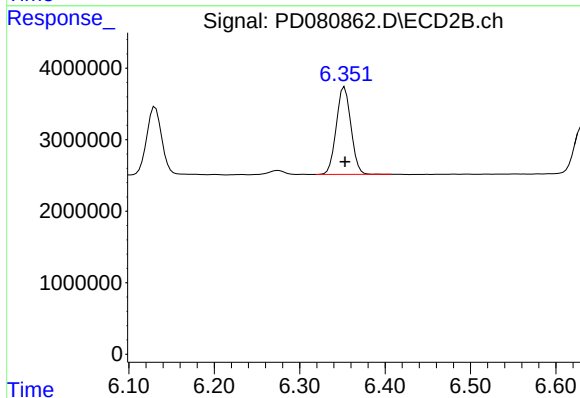
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 10264348
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

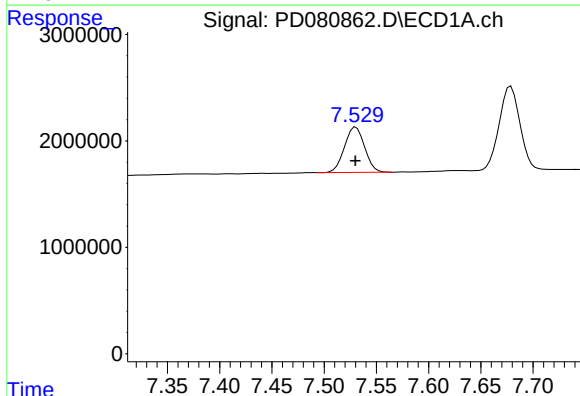
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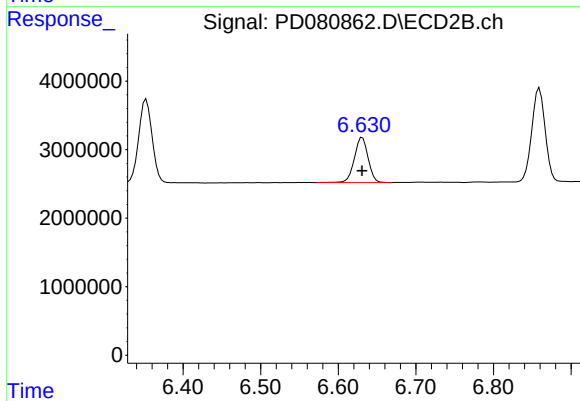
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 14596933
Conc: 5.23 ng/ml



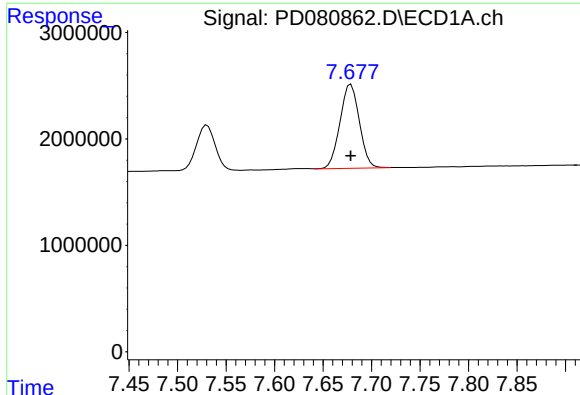
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 5720274
Conc: 5.56 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 8116724
Conc: 5.19 ng/ml



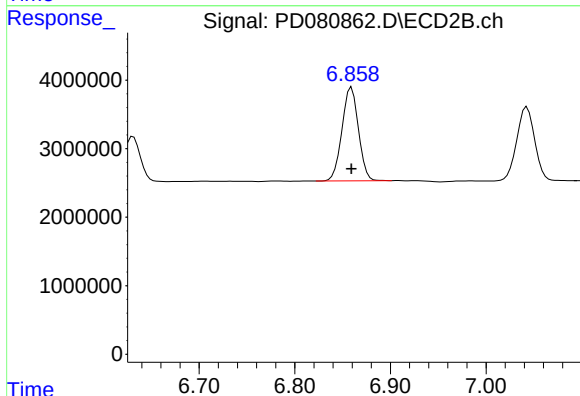
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 10974176
Conc: 5.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

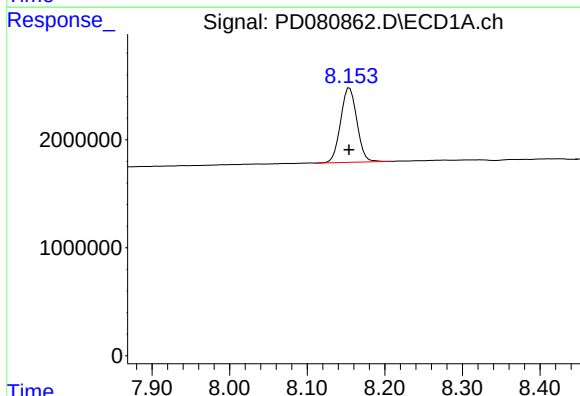
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APPROVED

Reviewed By :Abdul Mirza 01/25/2024
Supervised By :Ankita Jodhani 01/25/2024



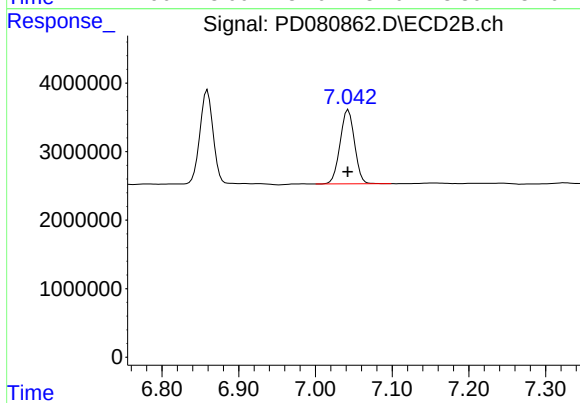
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 16391362
Conc: 5.08 ng/ml



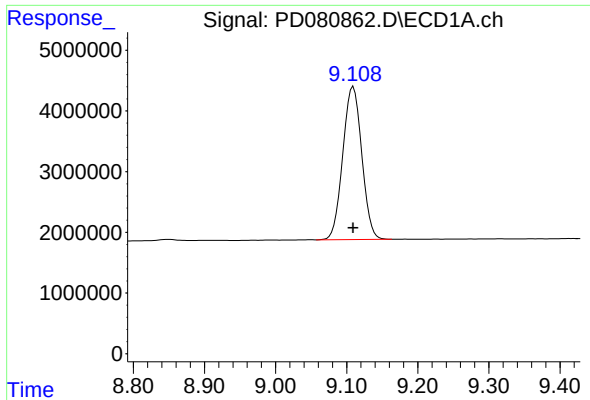
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 10064434
Conc: 6.10 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 14146619
Conc: 5.61 ng/ml



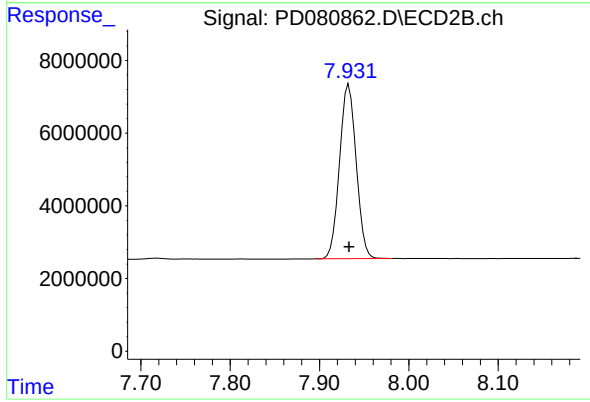
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 46751200
Conc: 23.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 61996945
Conc: 23.28 ng/ml