

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:38
 Operator : AR\AJ
 Sample : 03572-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 05:38:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.486	2.687	38239939	18195584	16.458	16.733
2) SA Decachlor...	9.039	7.871	31385792	23314238	19.290	18.699
Target Compounds						
2) A alpha-BHC	3.944	3.192	13299039	6008419	4.028	3.891
3) MA gamma-BHC...	4.278	3.523	14033526	6185060	4.399	4.070
4) MA Heptachlor	4.869	3.863	16369052	5984617	4.868m	4.202m
5) MB Aldrin	5.213	4.145	15214301	6019110	4.603	4.141
6) B beta-BHC	4.478	3.824	6871035	3116053	4.919	4.651m
7) B delta-BHC	4.724	4.054	16814294	6027988	5.214	3.970
8) B Heptachlo...	5.643	4.651	16200390	6004101	5.377	4.525
9) A Endosulfan I	6.029	5.022	13197322	5627823	5.014	4.541
10) B gamma-Chl...	5.900	4.905	14015580	6160272	4.894	4.542
11) B alpha-Chl...	5.981	4.969	14139145	6220972	5.008	4.566
12) B 4,4'-DDE	6.159	5.167	10526717	5192041	4.586	4.216
13) MA Dieldrin	6.306	5.289	12401652	5889892	4.693	4.338
14) MA Endrin	6.534	5.564	10155725	5295466	4.656m	4.329
15) B Endosulfa...	6.755	5.862	10786670	5911995	5.100m	4.900
16) A 4,4'-DDD	6.678	5.725	8066915	4540054	4.812	4.394
17) MA 4,4'-DDT	6.993	5.977	8517946	4715597	4.546	4.063
18) B Endrin al...	6.887	6.044	8913043	4952394	5.284	4.994
19) B Endosulfa...	7.123	6.269	10331294	5586551	5.172	4.698
20) A Methoxychlor	7.474	6.562	4450863	2988327	4.638m	4.356
21) B Endrin ke...	7.607	6.774	10308030	7099277	5.153	4.920
22) Mirex	8.082	6.955	8876284	5829250	5.344	5.054

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 11:38
Operator : AR\AJ
Sample : 03572-08
Misc : PEST LOQ 5PPB
ALS Vial : 10 Sample Multiplier: 1

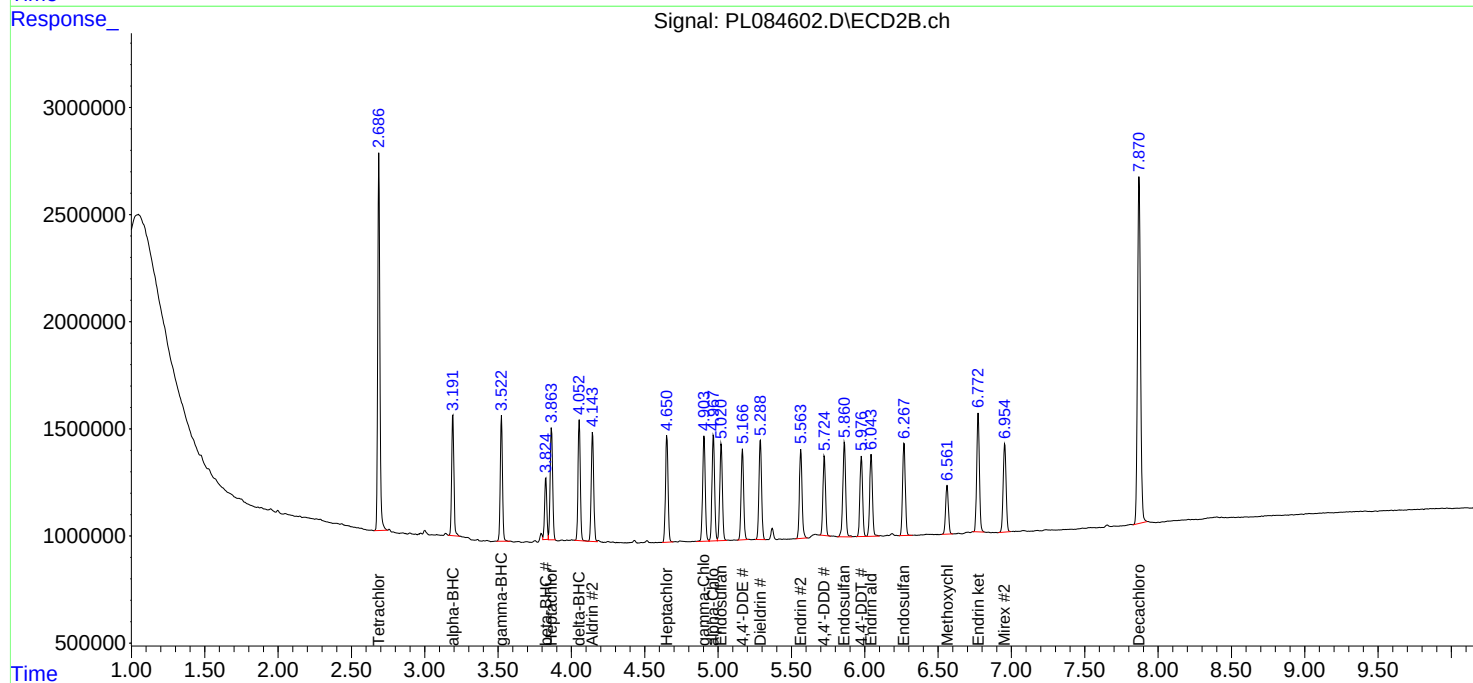
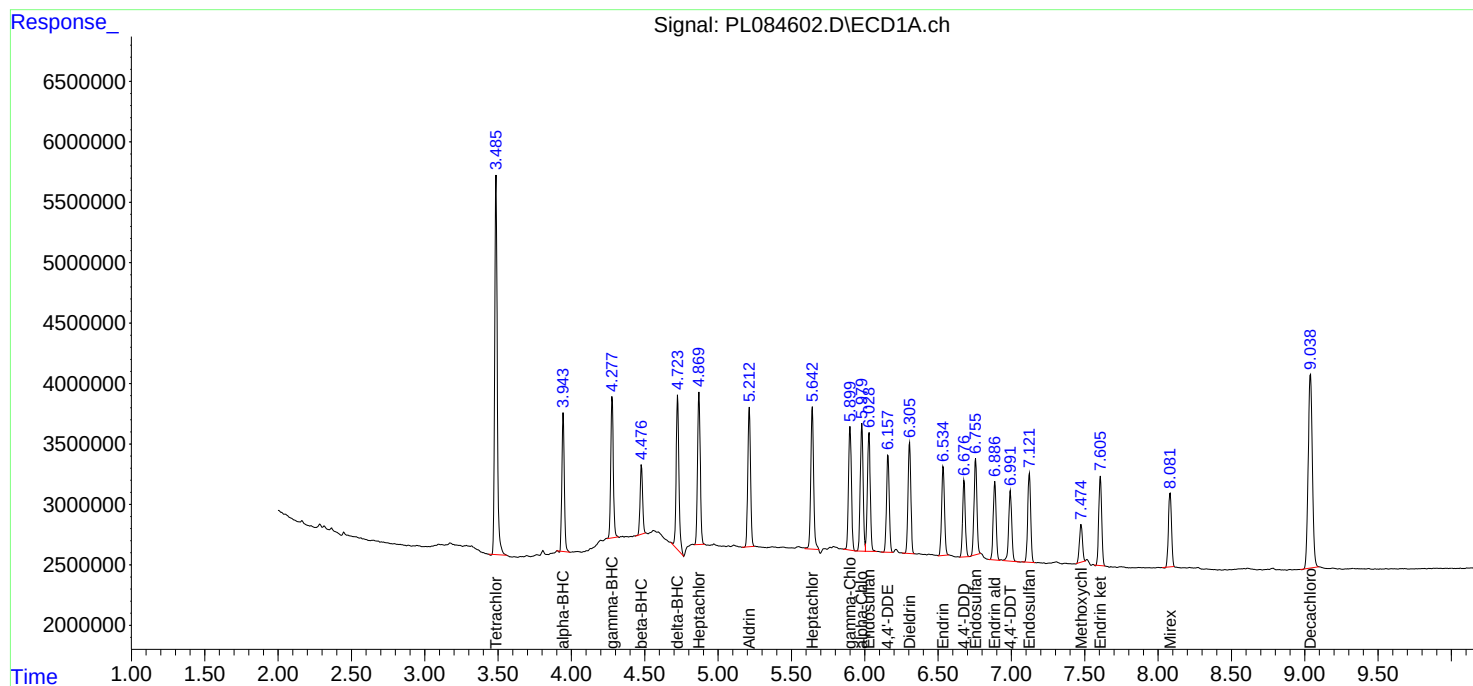
Instrument :
ECD_L
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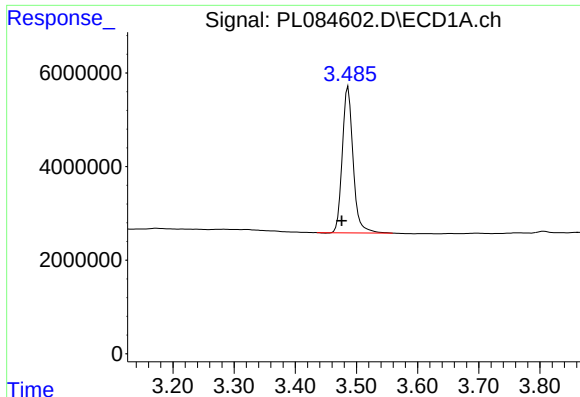
Manual Integrations
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Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 05:38:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





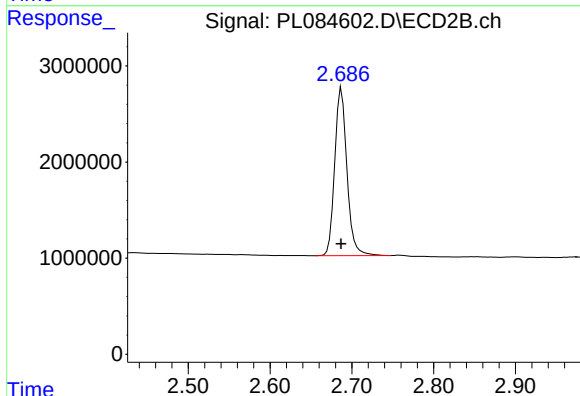
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.010 min
Response: 38239939
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

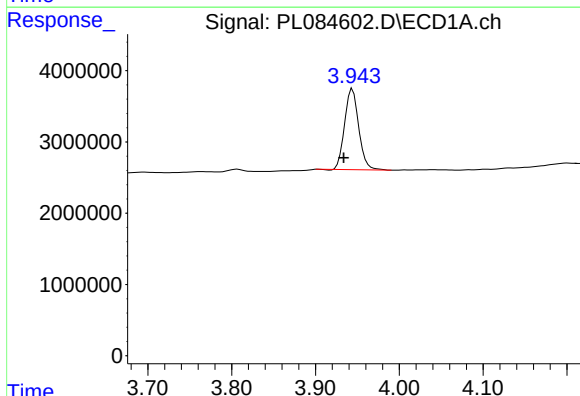
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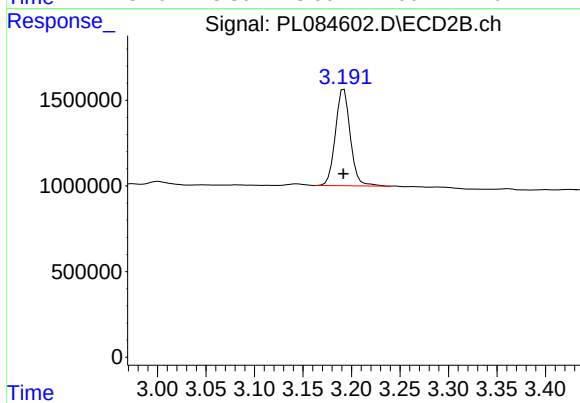
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 18195584
Conc: 16.73 ng/ml



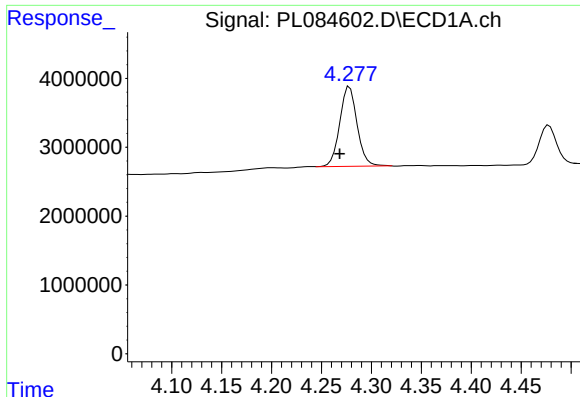
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.010 min
Response: 13299039
Conc: 4.03 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 6008419
Conc: 3.89 ng/ml



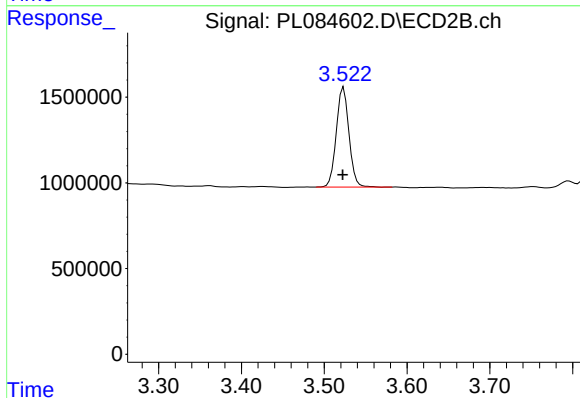
#3 gamma-BHC (Lindane)

R.T.: 4.278 min
Delta R.T.: 0.010 min
Response: 14033526
Conc: 4.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

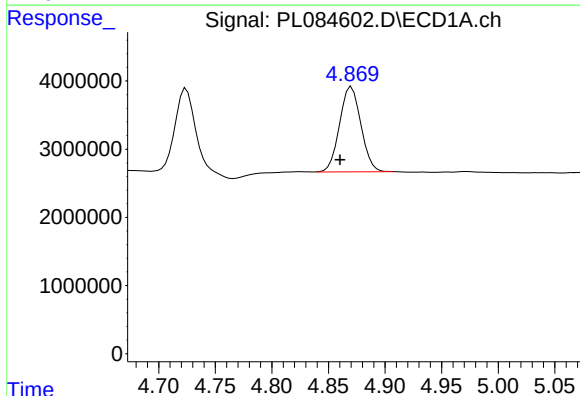
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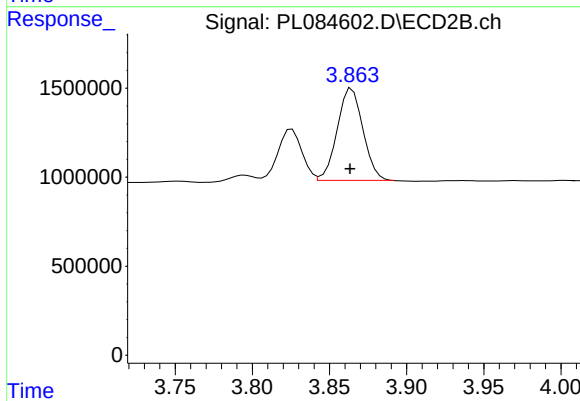
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 6185060
Conc: 4.07 ng/ml



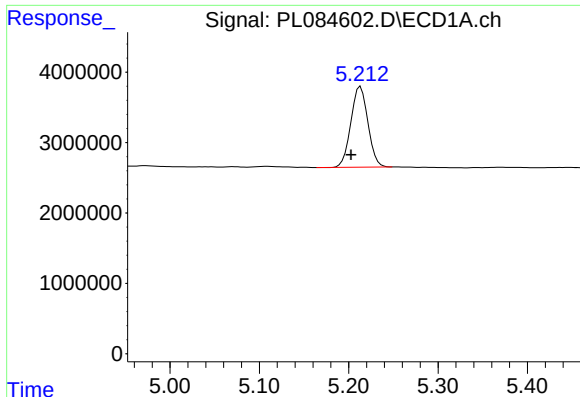
#4 Heptachlor

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 16369052
Conc: 4.87 ng/ml m



#4 Heptachlor

R.T.: 3.863 min
Delta R.T.: 0.000 min
Response: 5984617
Conc: 4.20 ng/ml m



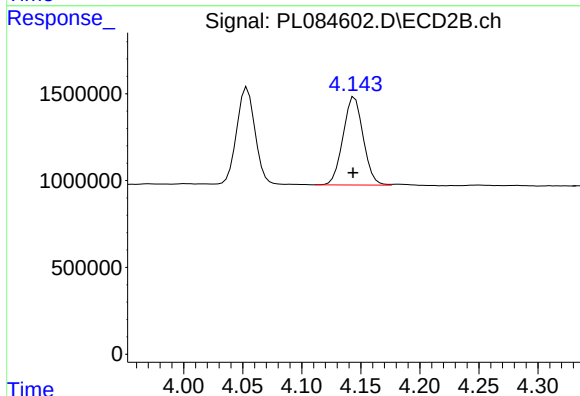
#5 Aldrin

R.T.: 5.213 min
Delta R.T.: 0.011 min
Response: 15214301
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

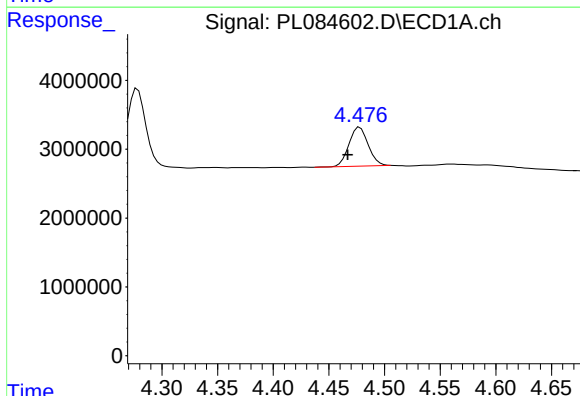
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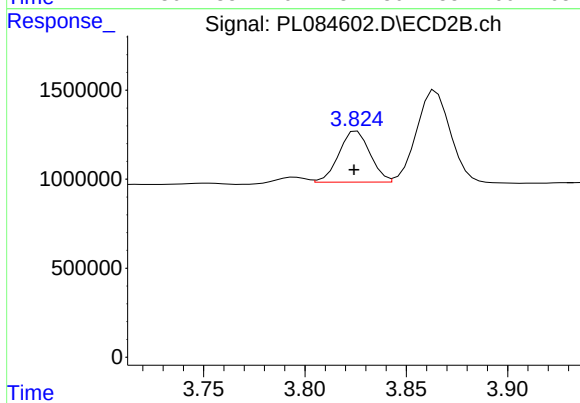
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.001 min
Response: 6019110
Conc: 4.14 ng/ml



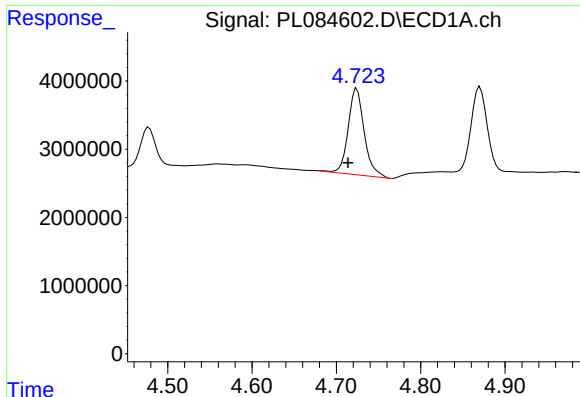
#6 beta-BHC

R.T.: 4.478 min
Delta R.T.: 0.011 min
Response: 6871035
Conc: 4.92 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 3116053
Conc: 4.65 ng/ml m



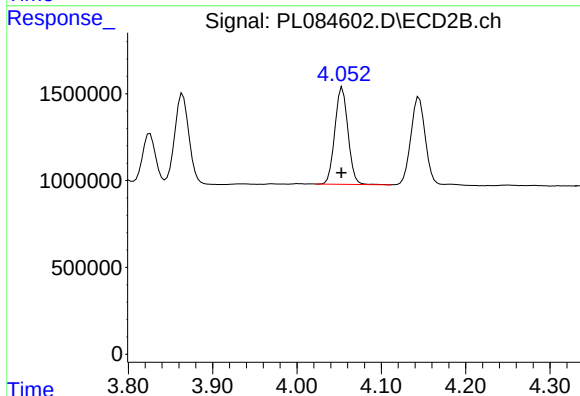
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.010 min
Response: 16814294
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

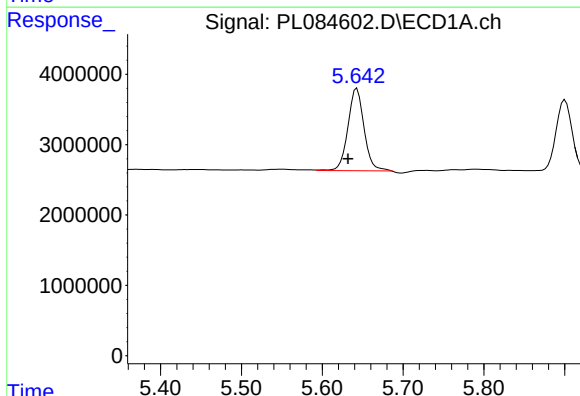
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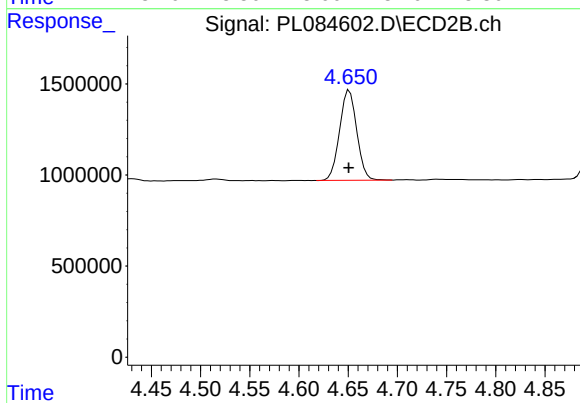
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 6027988
Conc: 3.97 ng/ml



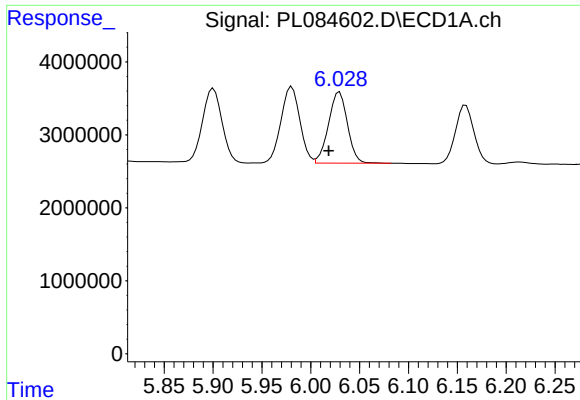
#8 Heptachlor epoxide

R.T.: 5.643 min
Delta R.T.: 0.011 min
Response: 16200390
Conc: 5.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 6004101
Conc: 4.53 ng/ml



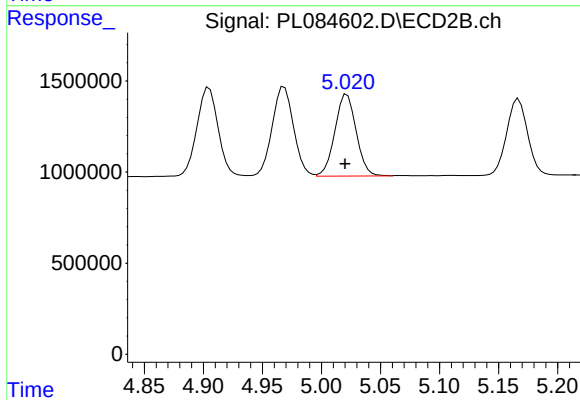
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: 0.011 min
Response: 13197322
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

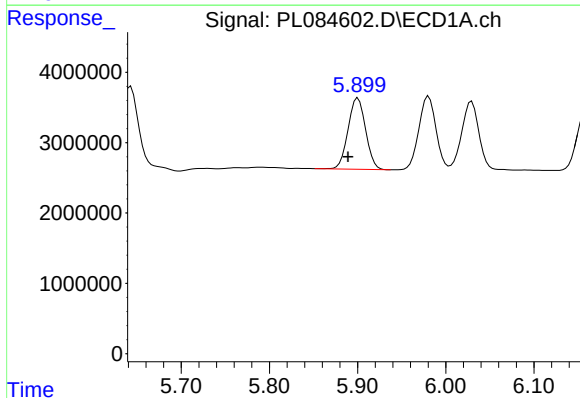
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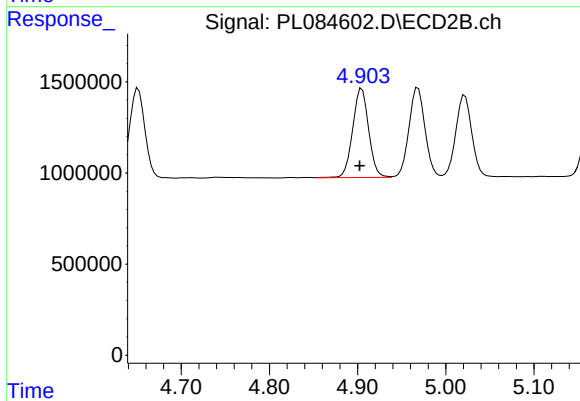
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.002 min
Response: 5627823
Conc: 4.54 ng/ml



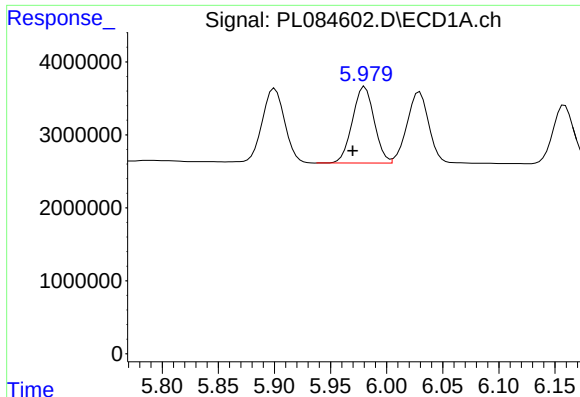
#10 gamma-Chlordane

R.T.: 5.900 min
Delta R.T.: 0.011 min
Response: 14015580
Conc: 4.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.002 min
Response: 6160272
Conc: 4.54 ng/ml



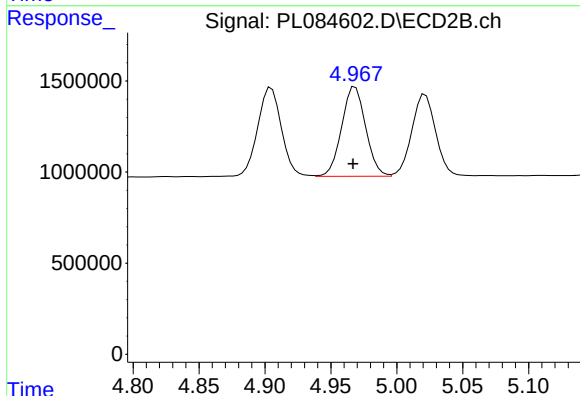
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.011 min
Response: 14139145
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

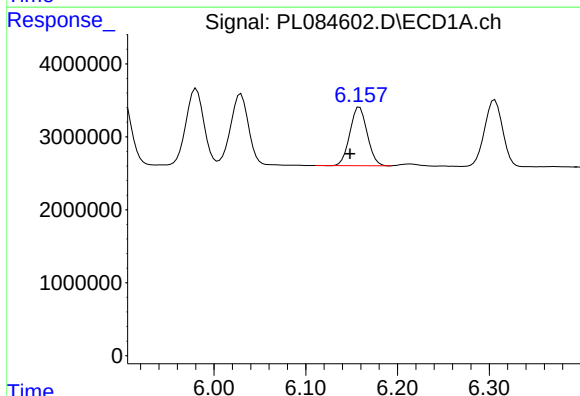
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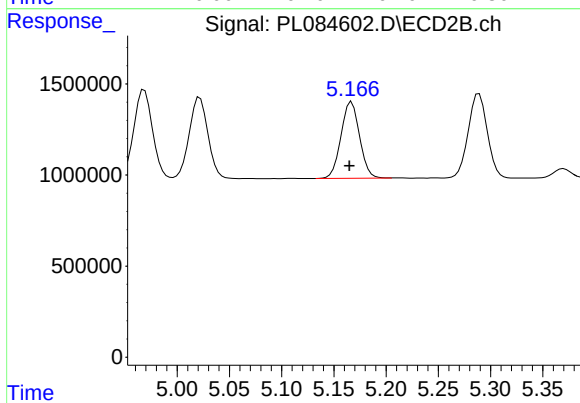
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 6220972
Conc: 4.57 ng/ml



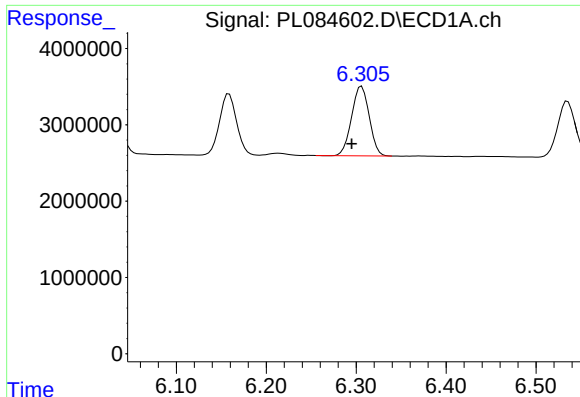
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.010 min
Response: 10526717
Conc: 4.59 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.002 min
Response: 5192041
Conc: 4.22 ng/ml



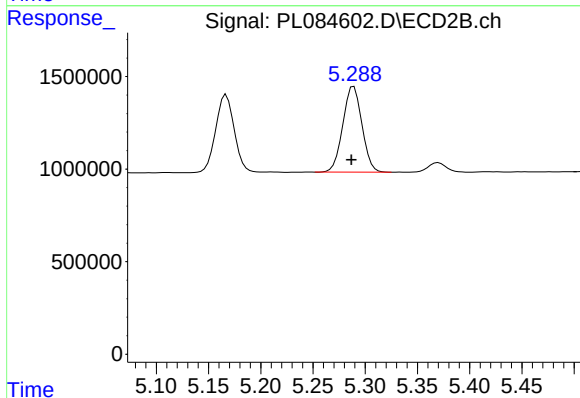
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.011 min
Response: 12401652
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

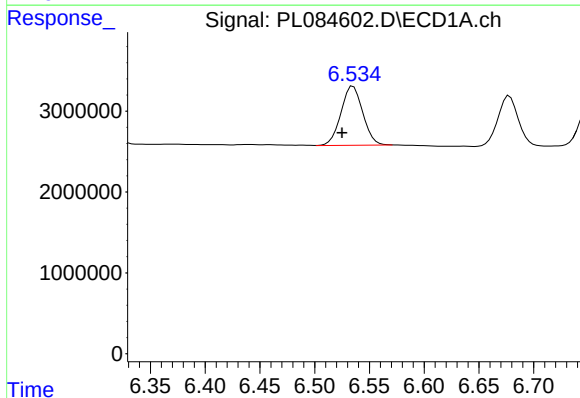
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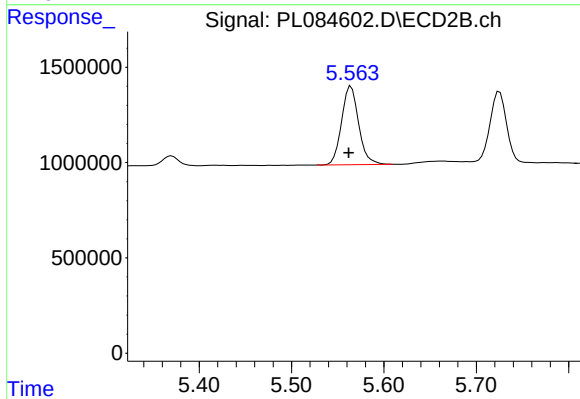
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 5889892
Conc: 4.34 ng/ml



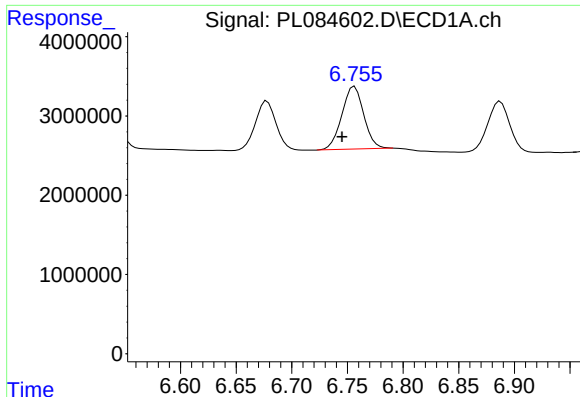
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.009 min
Response: 10155725
Conc: 4.66 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.003 min
Response: 5295466
Conc: 4.33 ng/ml



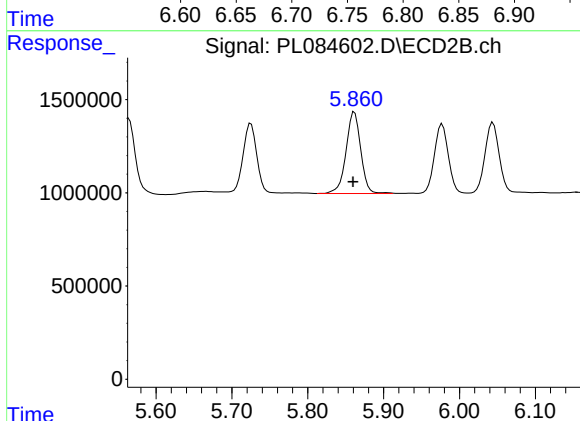
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.010 min
Response: 10786670
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

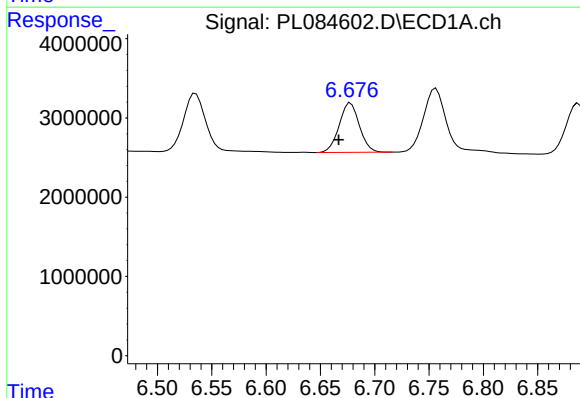
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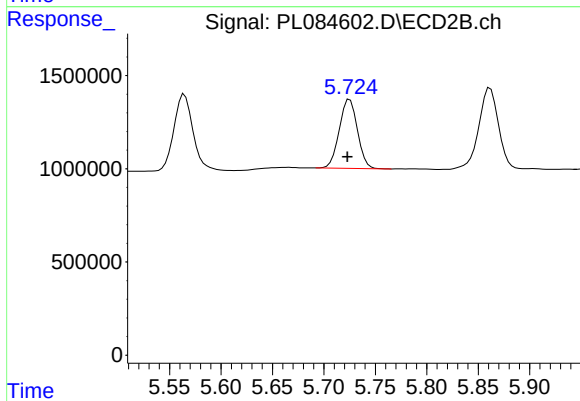
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.002 min
Response: 5911995
Conc: 4.90 ng/ml



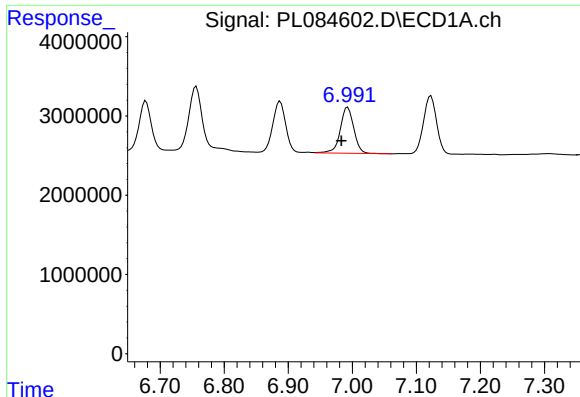
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.011 min
Response: 8066915
Conc: 4.81 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 4540054
Conc: 4.39 ng/ml



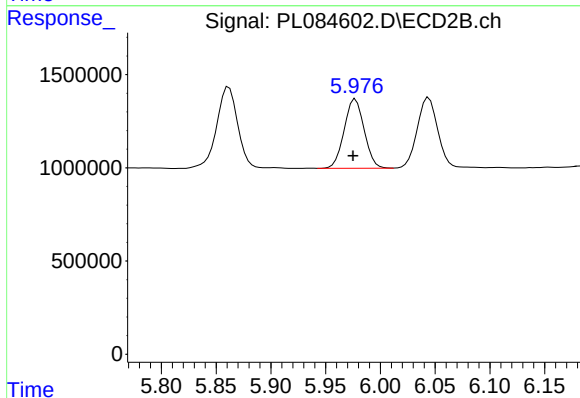
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.010 min
Response: 8517946
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

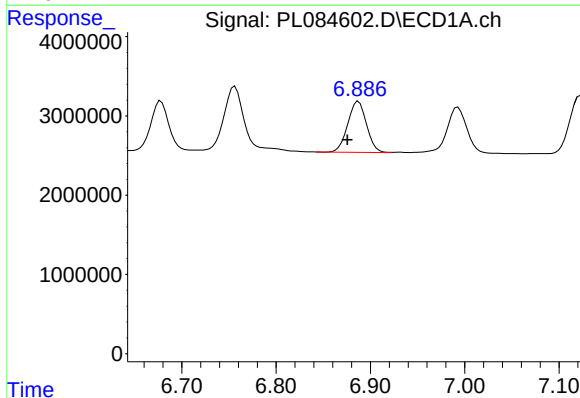
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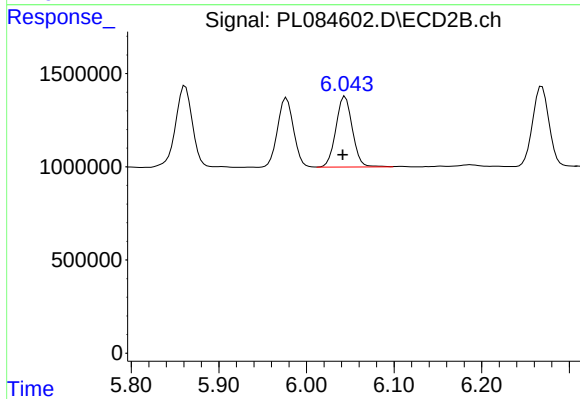
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 4715597
Conc: 4.06 ng/ml



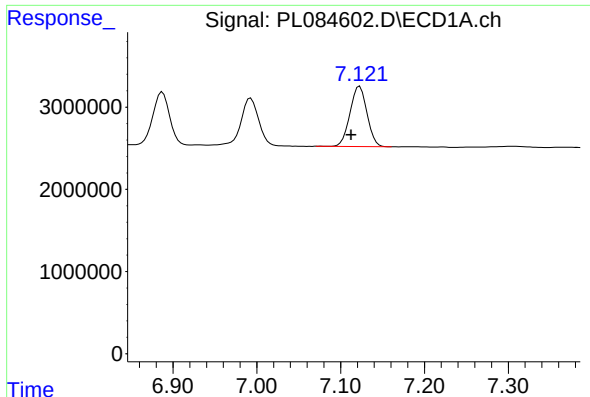
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.012 min
Response: 8913043
Conc: 5.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.003 min
Response: 4952394
Conc: 4.99 ng/ml



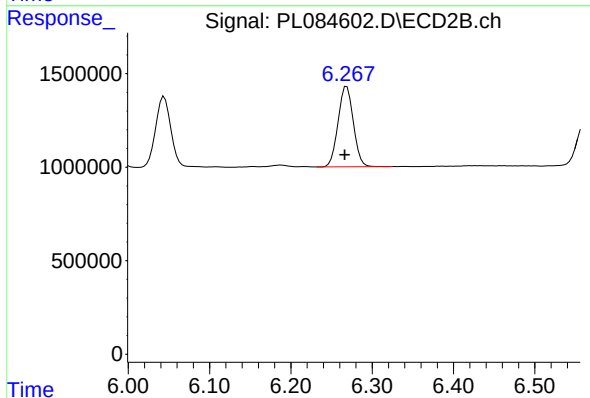
#19 Endosulfan Sulfate

R.T.: 7.123 min
Delta R.T.: 0.010 min
Response: 10331294
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

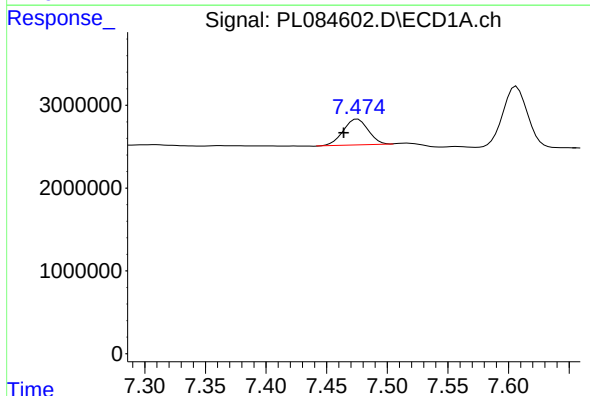
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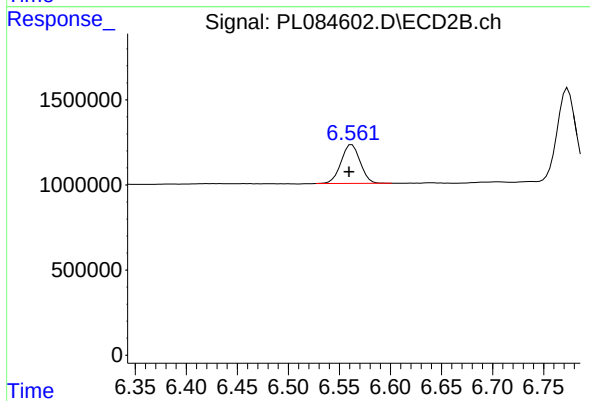
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.003 min
Response: 5586551
Conc: 4.70 ng/ml



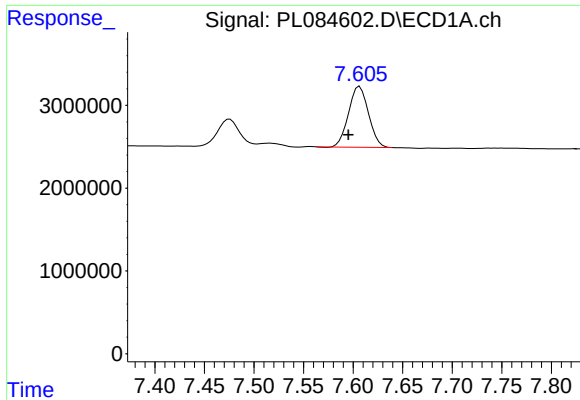
#20 Methoxychlor

R.T.: 7.474 min
Delta R.T.: 0.010 min
Response: 4450863
Conc: 4.64 ng/ml m



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 2988327
Conc: 4.36 ng/ml



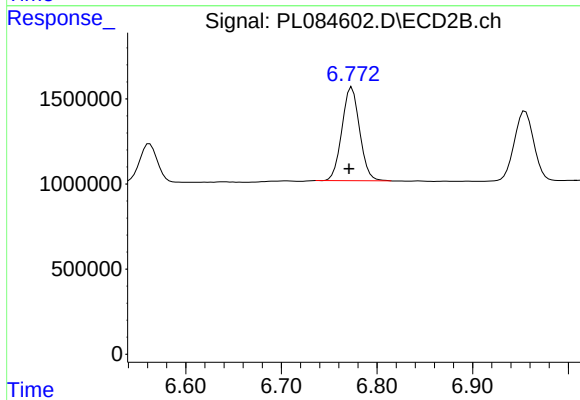
#21 Endrin ketone

R.T.: 7.607 min
Delta R.T.: 0.011 min
Response: 10308030
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

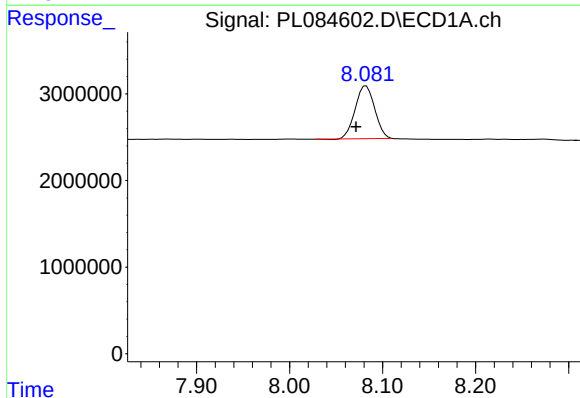
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Supervised By :Ankita Jodhani 08/11/2023



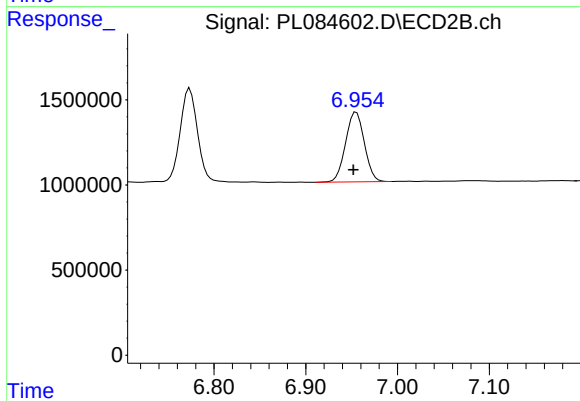
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.003 min
Response: 7099277
Conc: 4.92 ng/ml



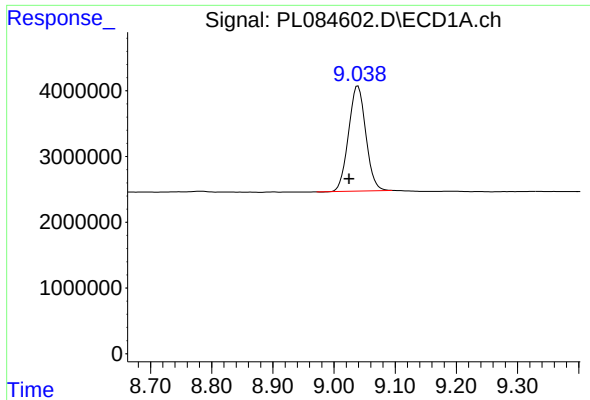
#22 Mirex

R.T.: 8.082 min
Delta R.T.: 0.011 min
Response: 8876284
Conc: 5.34 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.003 min
Response: 5829250
Conc: 5.05 ng/ml



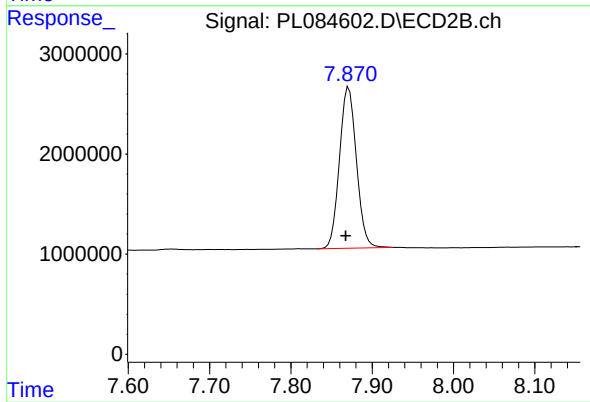
#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.014 min
Response: 31385792
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.004 min
Response: 23314238
Conc: 18.70 ng/ml