

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 16:05
 Operator : AR\AJ
 Sample : 02213-08
 Misc : PEST LOD 5PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:31:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.327	2.655	40948537	38240306	17.606	19.157
28)	SA Decachlor...	8.746	7.769	34070251	40140995	19.038	20.240
Target Compounds							
2)	A alpha-BHC	3.776	3.153	13275835	12507654	3.872	4.291
3)	MA gamma-BHC...	4.104	3.480	12876228	12141340	4.053	4.361
4)	MA Heptachlor	4.683	3.814	12591910	11918022	3.995	4.157
5)	MB Aldrin	5.020	4.090	12491477	11733376	4.367	4.404
6)	B beta-BHC	4.307	3.778	7407267	6233904	4.921	5.234m
7)	B delta-BHC	4.548	4.006	15623709	11010474	5.141	4.258
8)	B Heptachlo...	5.446	4.592	13423380	11922799	4.935	4.909
9)	A Endosulfan I	5.826	4.959	10656628	11121785	4.313	5.038
10)	B gamma-Chl...	5.700	4.841	12031592	12006451	4.583	4.940
11)	B alpha-Chl...	5.779	4.904	11658045	12014516	4.504	4.946
12)	B 4,4'-DDE	5.956	5.094	9845620	9050652	4.369	4.595
13)	MA Dieldrin	6.101	5.224	10986158	10863250	4.538	4.829
14)	MA Endrin	6.328	5.498	8937589	9258899	4.225	4.575
15)	B Endosulfa...	6.549	5.793	9928709	9742742	4.679	5.371m
16)	A 4,4'-DDD	6.470	5.648	9096234	7631088	5.044m	5.029
17)	MA 4,4'-DDT	6.783	5.897	7652603	7444524	3.770	4.320
18)	B Endrin al...	6.680	5.974	8485271	8658952	5.186	5.576
19)	B Endosulfa...	6.914	6.197	9903531	9942061	4.752	5.110
20)	A Methoxychlor	7.264	6.477	4656177	4789964	4.324	4.809
21)	B Endrin ke...	7.393	6.702	10288007	11242884	4.912	5.261
22)	Mirex	7.859	6.874	8493461	10276248	4.957	5.353

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
Data File : PL081879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Apr 2023 16:05
Operator : AR\AJ
Sample : 02213-08
Misc : PEST LOD 5PPB
ALS Vial : 19 Sample Multiplier: 1

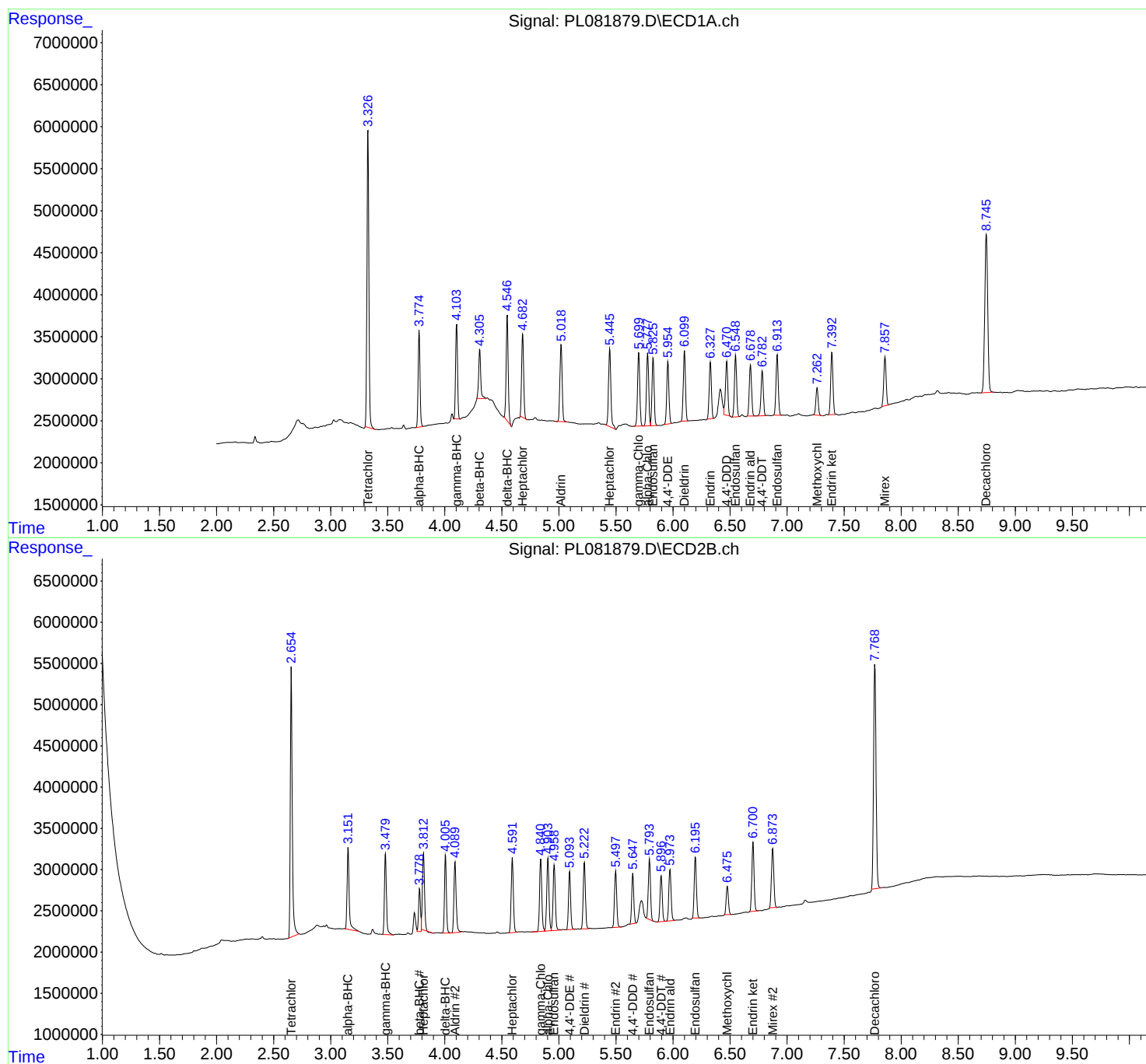
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

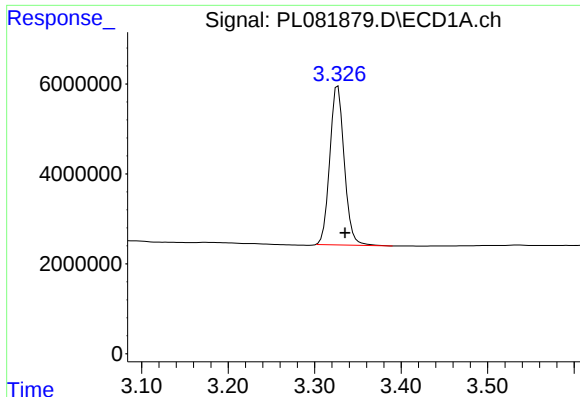
Manual Integrations
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Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 21:31:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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Volume Inj. : 1 µl
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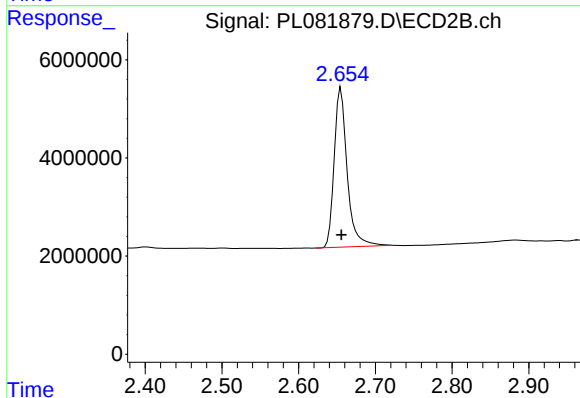
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 40948537
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

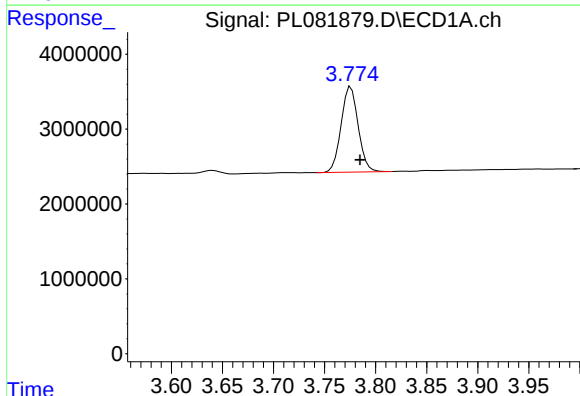
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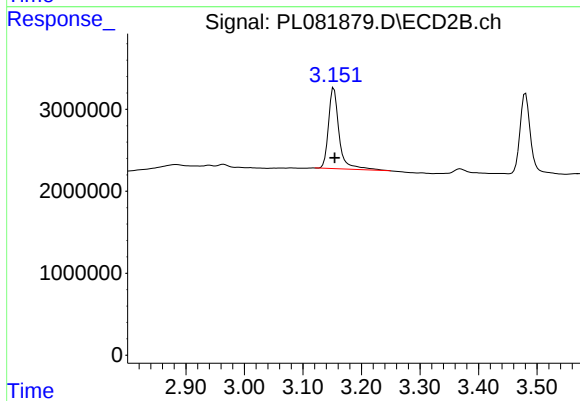
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.000 min
Response: 38240306
Conc: 19.16 ng/ml



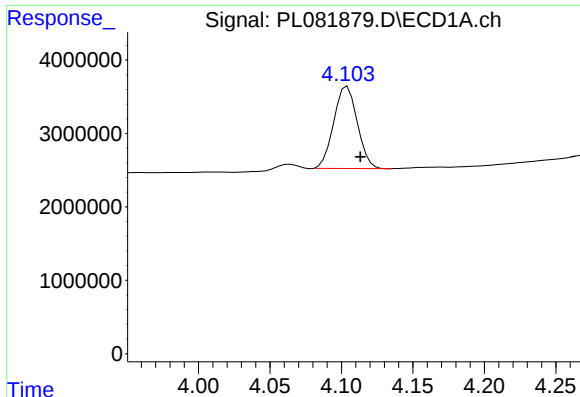
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 13275835
Conc: 3.87 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 12507654
Conc: 4.29 ng/ml



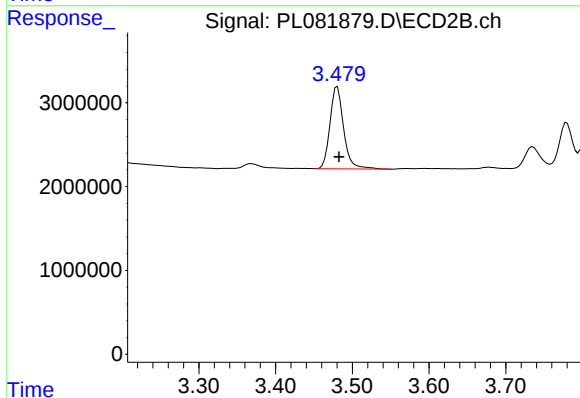
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 12876228
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

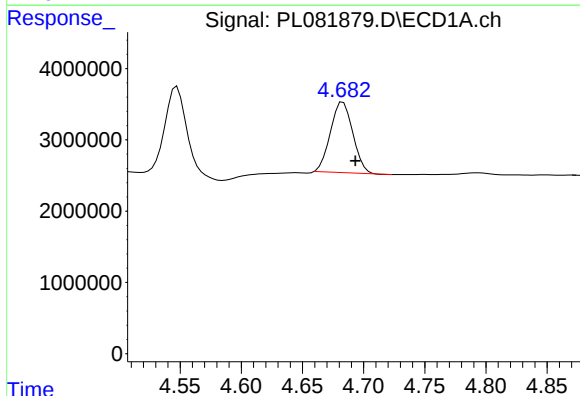
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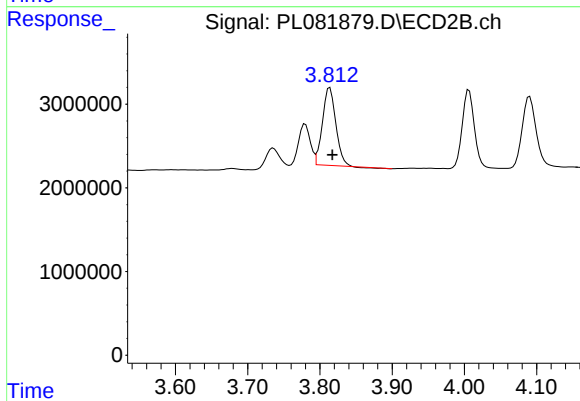
#3 gamma-BHC (Lindane)

R.T.: 3.480 min
Delta R.T.: -0.002 min
Response: 12141340
Conc: 4.36 ng/ml



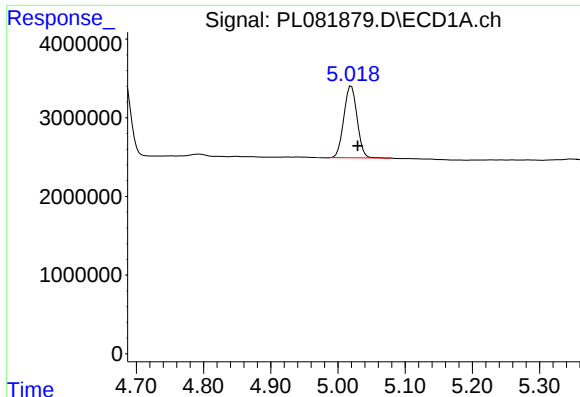
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 12591910
Conc: 3.99 ng/ml



#4 Heptachlor

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 11918022
Conc: 4.16 ng/ml



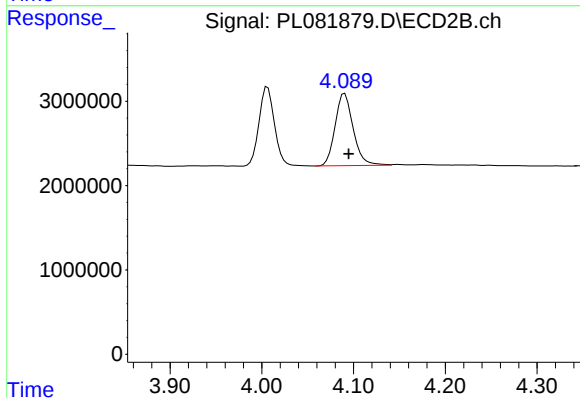
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.010 min
Response: 12491477
Conc: 4.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

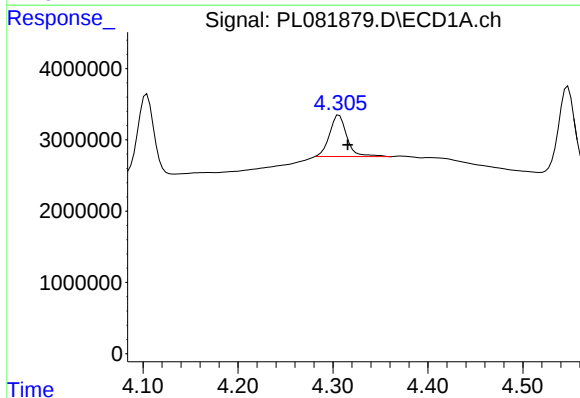
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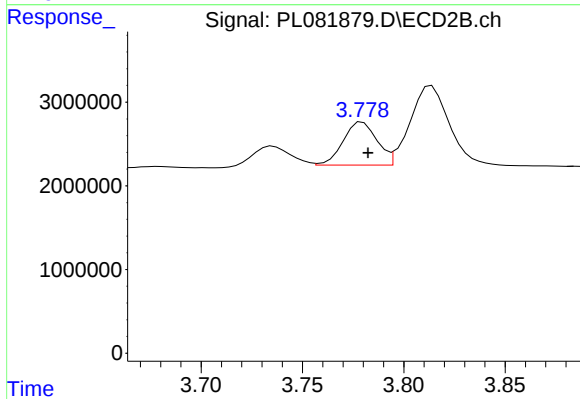
#5 Aldrin

R.T.: 4.090 min
Delta R.T.: -0.004 min
Response: 11733376
Conc: 4.40 ng/ml



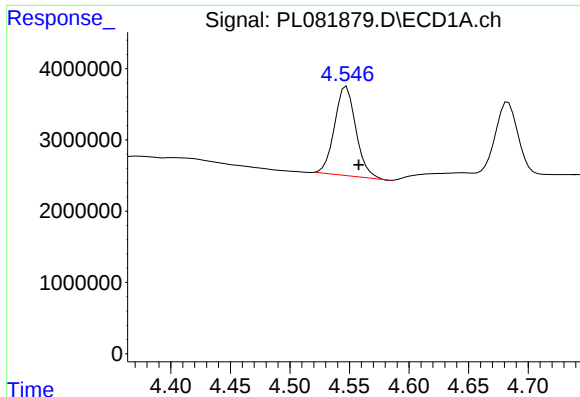
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 7407267
Conc: 4.92 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 6233904
Conc: 5.23 ng/ml m



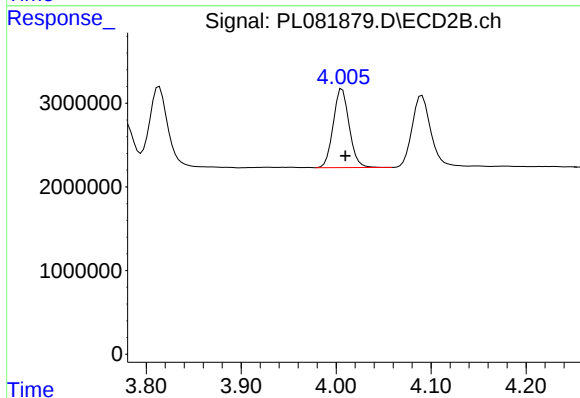
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 15623709
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

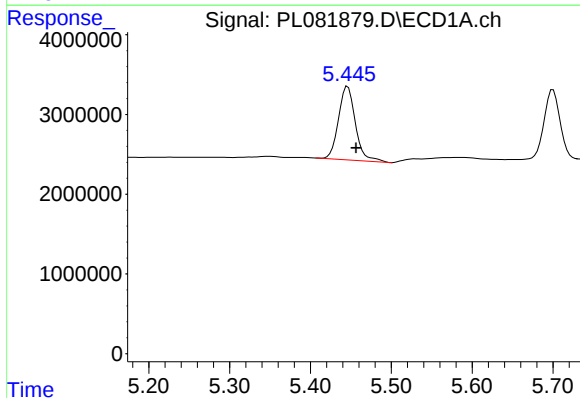
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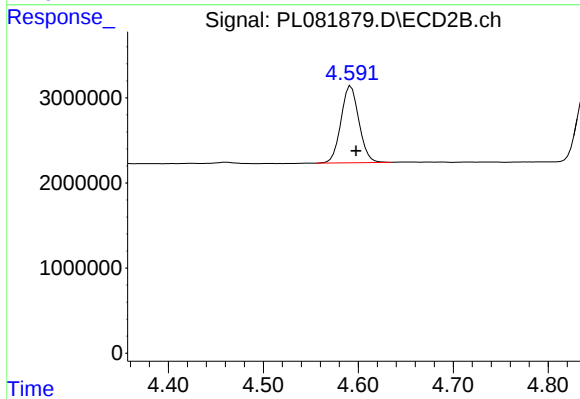
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 11010474
Conc: 4.26 ng/ml



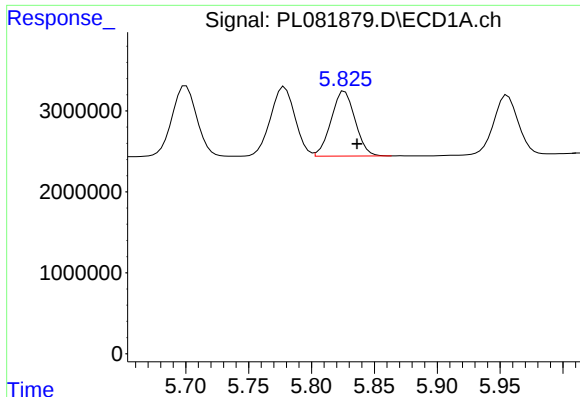
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: -0.010 min
Response: 13423380
Conc: 4.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.005 min
Response: 11922799
Conc: 4.91 ng/ml



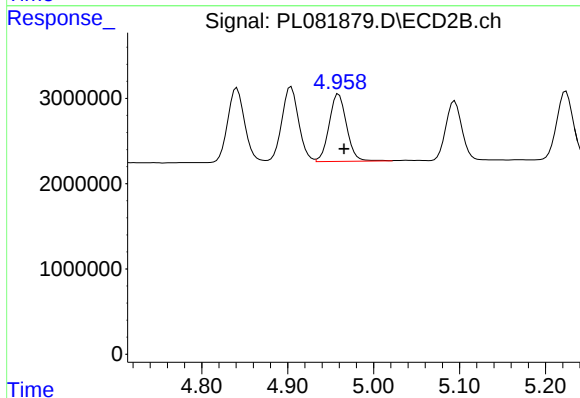
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 10656628
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

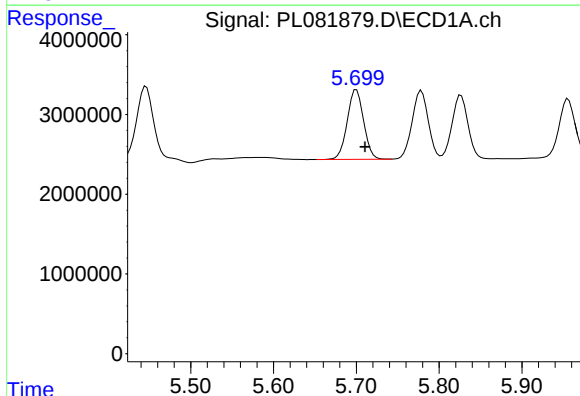
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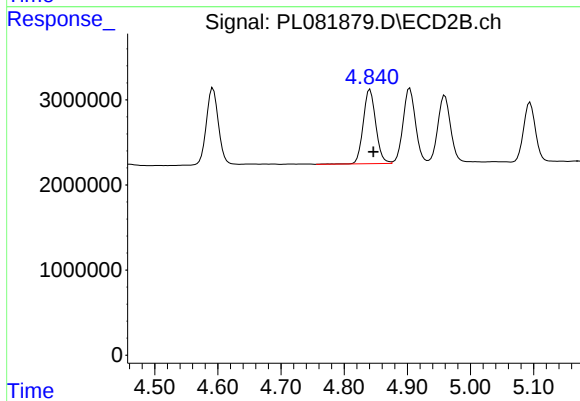
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.006 min
Response: 11121785
Conc: 5.04 ng/ml



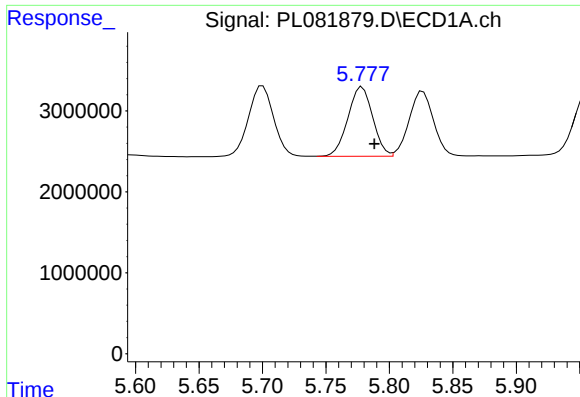
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 12031592
Conc: 4.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 12006451
Conc: 4.94 ng/ml



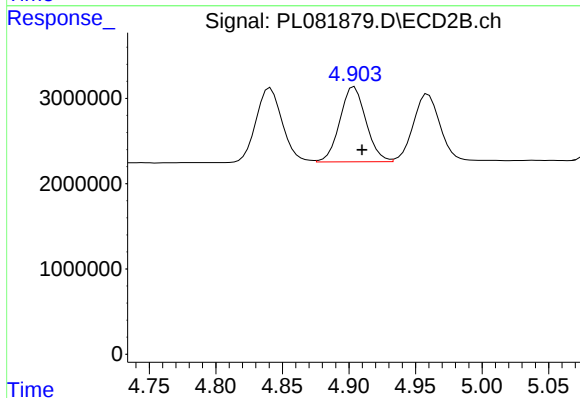
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 11658045
Conc: 4.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

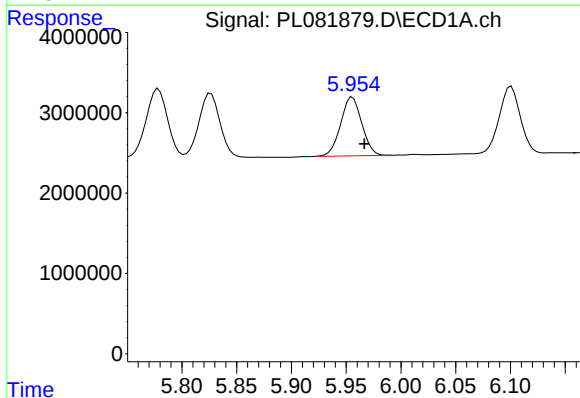
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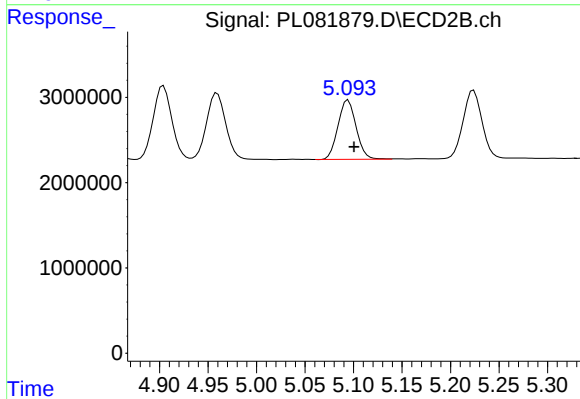
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 12014516
Conc: 4.95 ng/ml



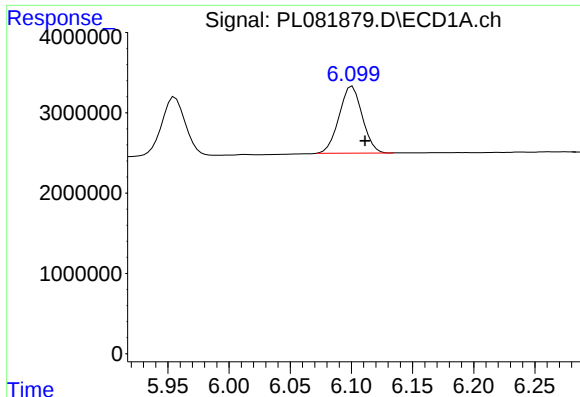
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 9845620
Conc: 4.37 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 9050652
Conc: 4.59 ng/ml



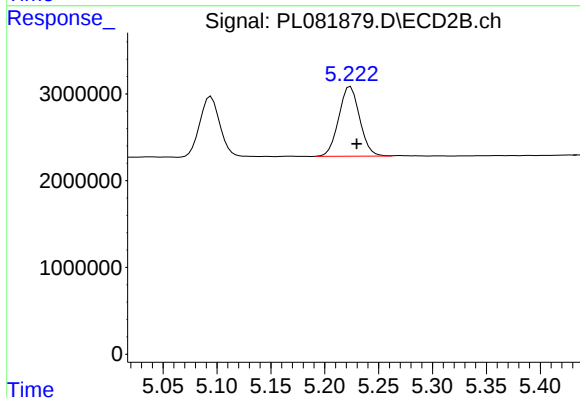
#13 Dieldrin

R.T.: 6.101 min
Delta R.T.: -0.010 min
Response: 10986158
Conc: 4.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

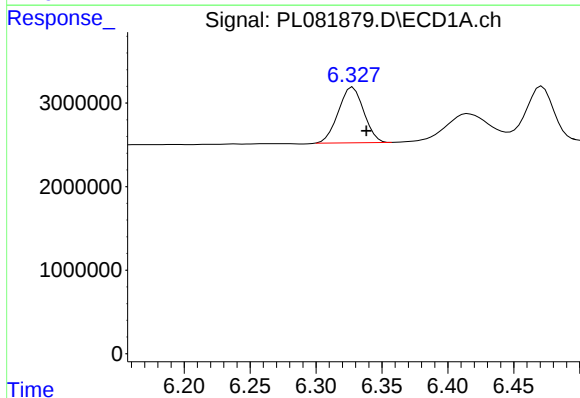
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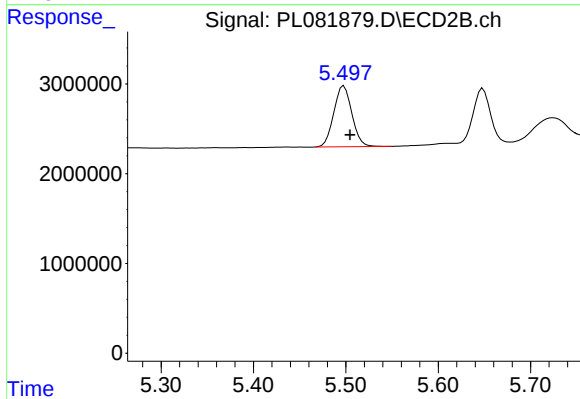
#13 Dieldrin

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 10863250
Conc: 4.83 ng/ml



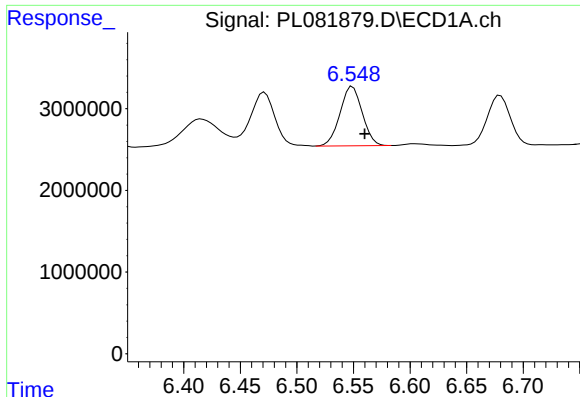
#14 Endrin

R.T.: 6.328 min
Delta R.T.: -0.010 min
Response: 8937589
Conc: 4.23 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 9258899
Conc: 4.58 ng/ml



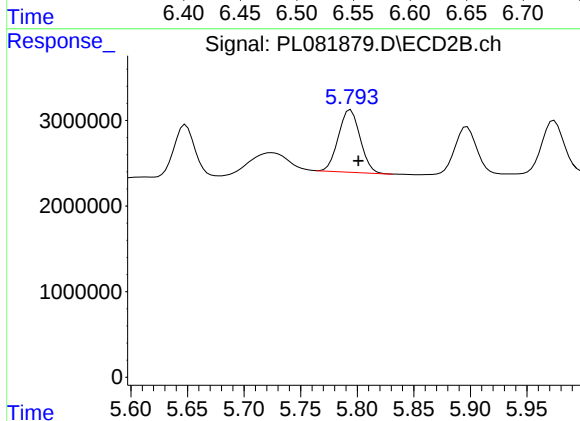
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 9928709
Conc: 4.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

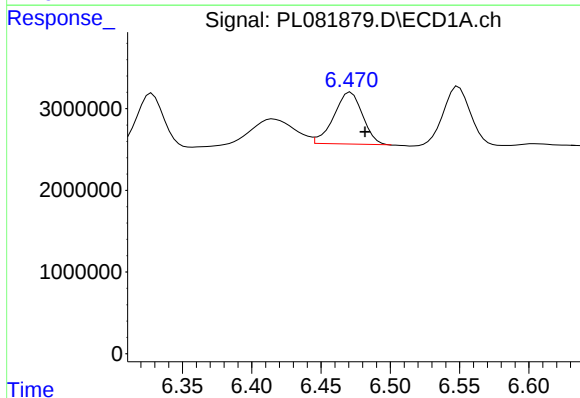
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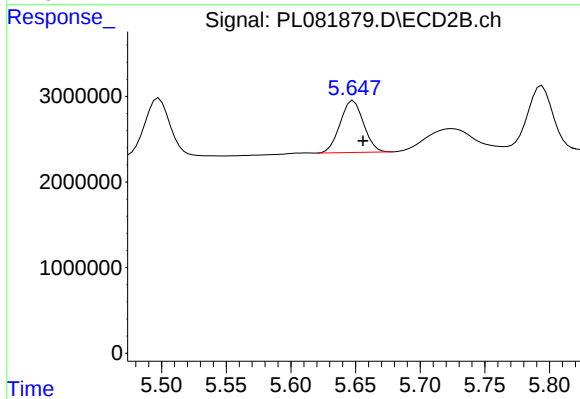
#15 Endosulfan II

R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 9742742
Conc: 5.37 ng/ml m



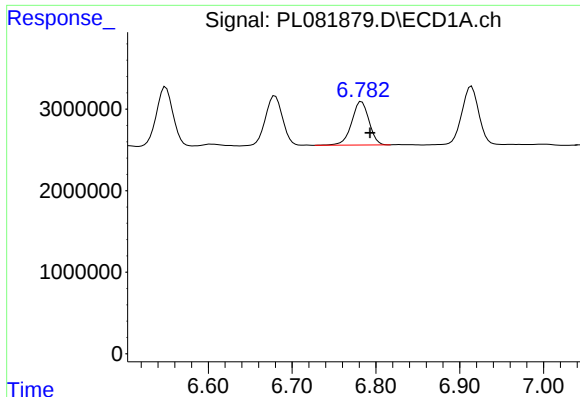
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 9096234
Conc: 5.04 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.007 min
Response: 7631088
Conc: 5.03 ng/ml



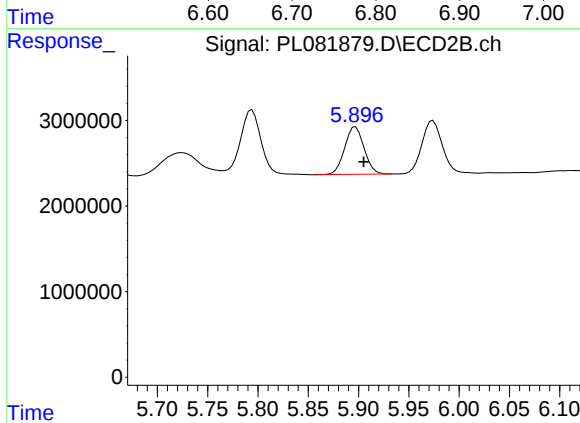
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 7652603
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

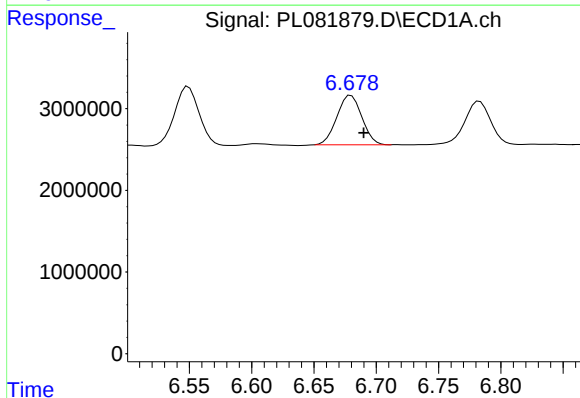
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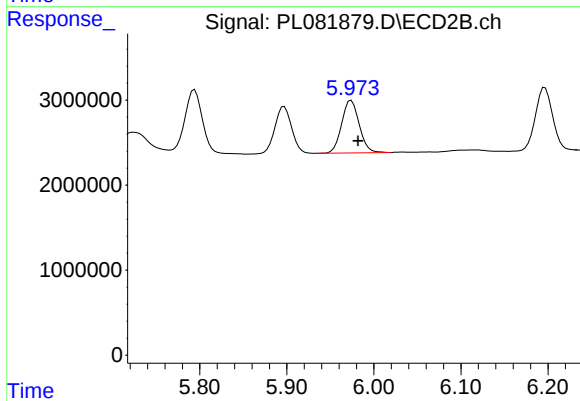
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 7444524
Conc: 4.32 ng/ml



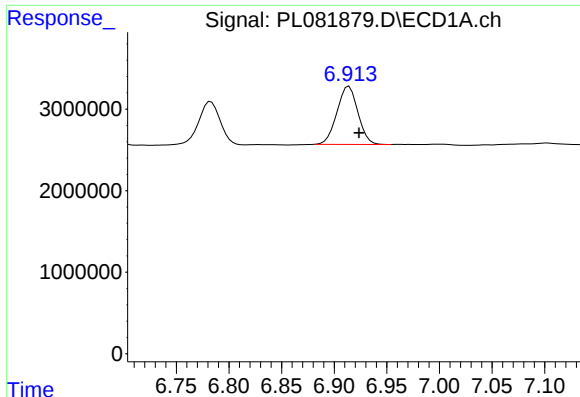
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 8485271
Conc: 5.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 8658952
Conc: 5.58 ng/ml



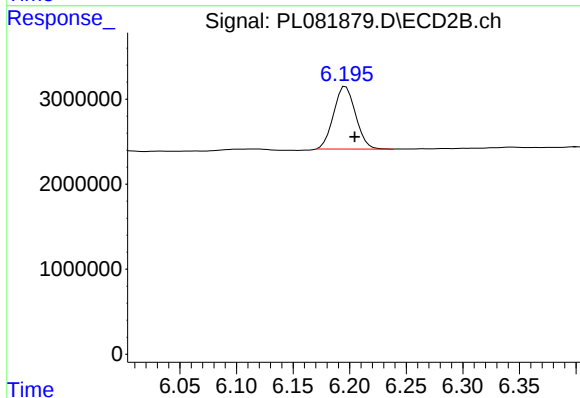
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: -0.009 min
Response: 9903531
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

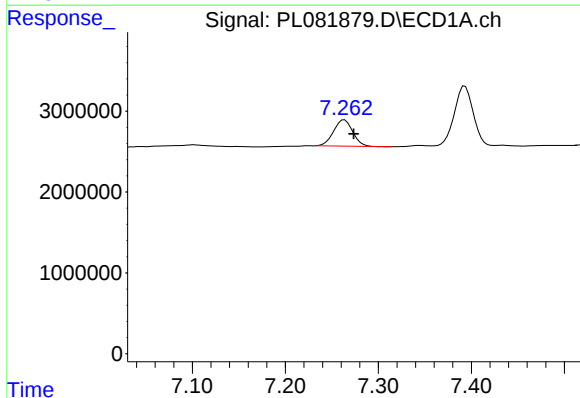
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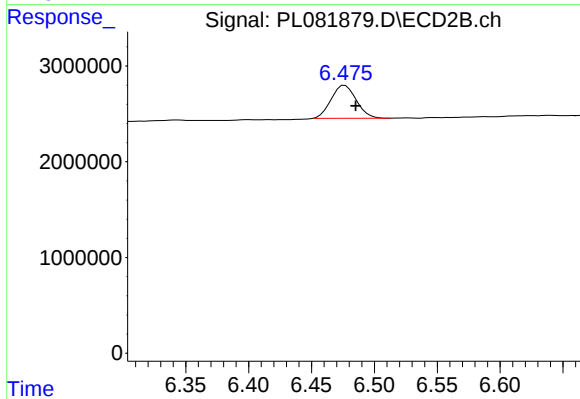
#19 Endosulfan Sulfate

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 9942061
Conc: 5.11 ng/ml



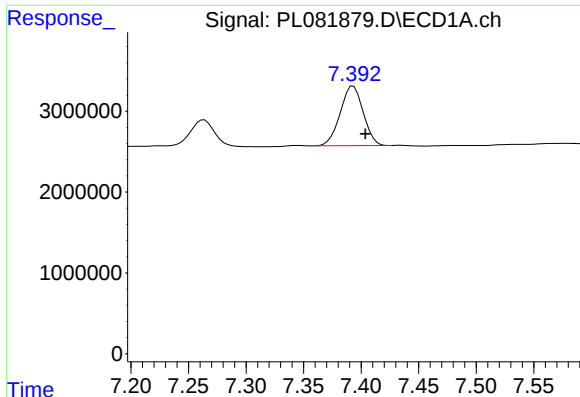
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 4656177
Conc: 4.32 ng/ml



#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.009 min
Response: 4789964
Conc: 4.81 ng/ml



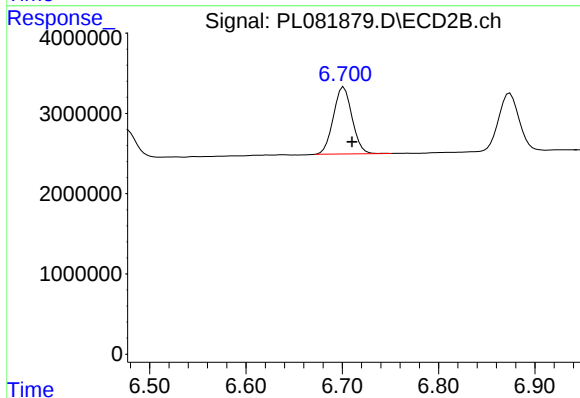
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 10288007
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

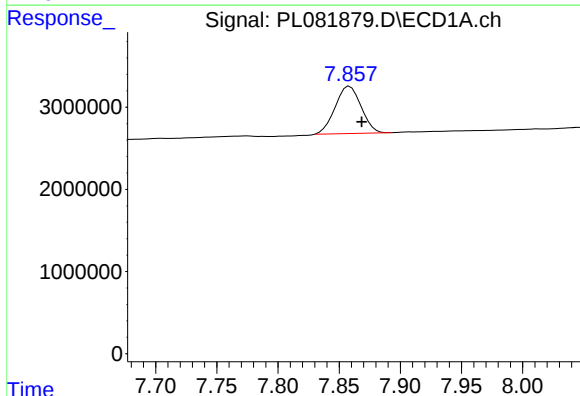
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



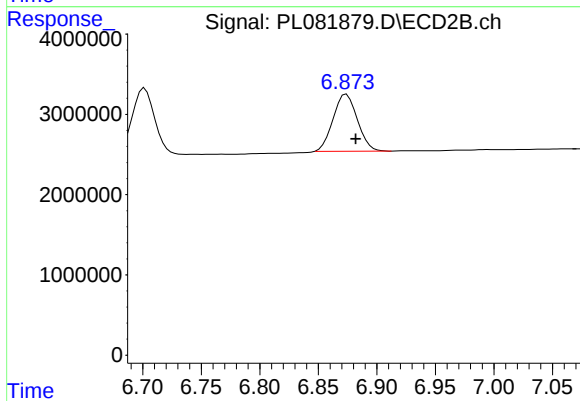
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 11242884
Conc: 5.26 ng/ml



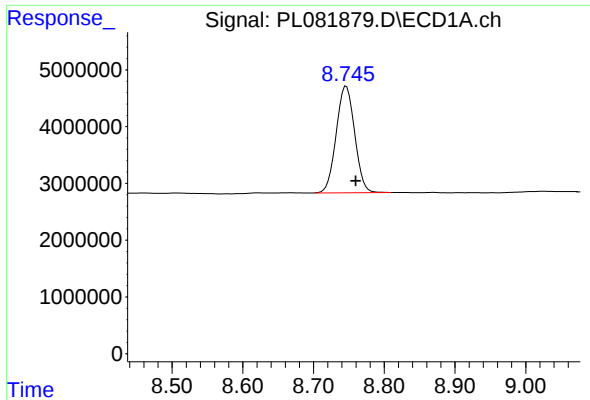
#22 Mirex

R.T.: 7.859 min
Delta R.T.: -0.010 min
Response: 8493461
Conc: 4.96 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.008 min
Response: 10276248
Conc: 5.35 ng/ml



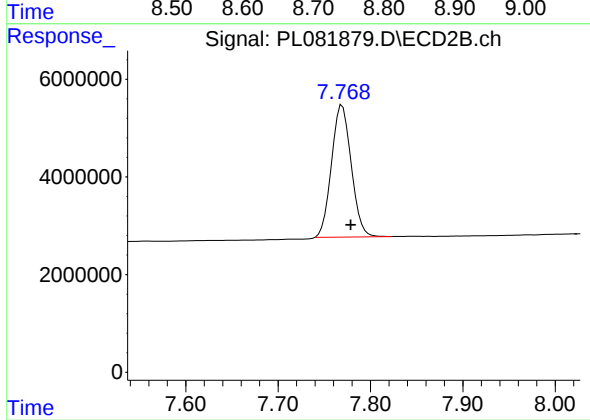
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.013 min
Response: 34070251
Conc: 19.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2023

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#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 40140995
Conc: 20.24 ng/ml