

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 17:00
 Operator : AR\AJ
 Sample : P1187-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:31:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.673	60360616	25754329	20.162	21.261
28)	SA Decachlor...	8.976	7.858	64902743	30273008	22.789	23.897
Target Compounds							
2)	A alpha-BHC	3.875	3.176	17194986	6866574	3.832	3.726
3)	MA gamma-BHC...	4.209	3.507	16711482	7063837	3.831	3.887
4)	MA Heptachlor	4.801	3.847	18960467	7358355	4.315	4.132m
5)	MB Aldrin	5.144	4.128	17177845	6511780	4.008	3.690
6)	B beta-BHC	4.409	3.807	9072292	3617180	4.876	4.729m
7)	B delta-BHC	4.653	4.037	16097909	6135985	3.826m	3.535
8)	B Heptachlo...	5.573	4.634	16753355	6733298	4.373m	4.225m
9)	A Endosulfan I	5.961	5.007	16388514	6271752	4.545	4.054
10)	B gamma-Chl...	5.833	4.889	18095108	7050089	4.681	4.368
11)	B alpha-Chl...	5.913	4.953	17742825	7083771	4.617	4.268
12)	B 4,4'-DDE	6.094	5.151	13569676	5350373	4.244	3.978
13)	MA Dieldrin	6.239	5.273	16377178	6444001	4.397	4.055
14)	MA Endrin	6.469	5.549	13507249	5733404	4.300	4.043
15)	B Endosulfa...	6.690	5.845	15895350	6850615	4.956	5.004m
16)	A 4,4'-DDD	6.613	5.708	11999388	4423676	4.653m	3.923m
17)	MA 4,4'-DDT	6.931	5.961	13387668	5008443	4.682	4.024
18)	B Endrin al...	6.822	6.029	12038343	5069150	4.786	4.362
19)	B Endosulfa...	7.058	6.254	14761161	6134450	4.826	4.673
20)	A Methoxychlor	7.418	6.547	7348650	3266572	4.526	4.438
21)	B Endrin ke...	7.544	6.760	15505768	6946038	4.767	4.531
22)	Mirex	8.022	6.940	15021586	6923103	5.357	5.161

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 17:00
Operator : AR\AJ
Sample : P1187-08
Misc : PEST LOQ 5PPB
ALS Vial : 18 Sample Multiplier: 1

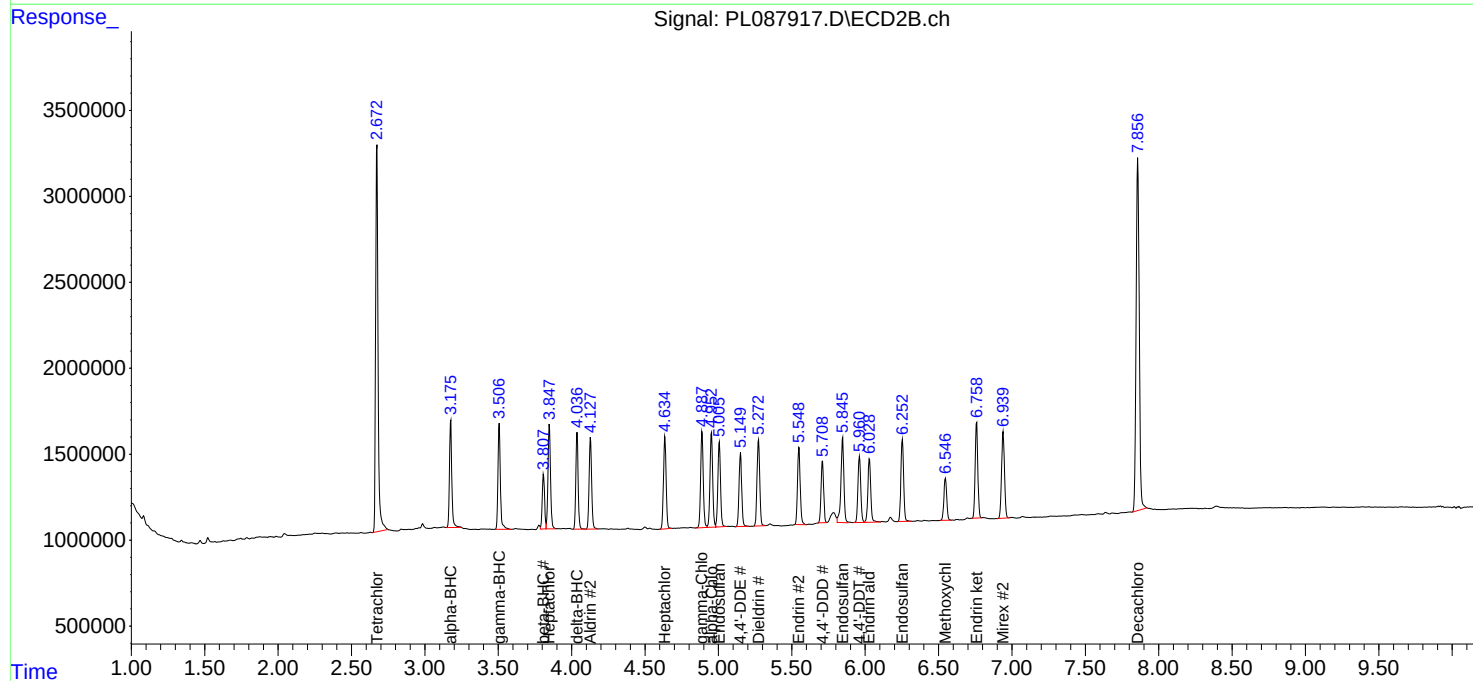
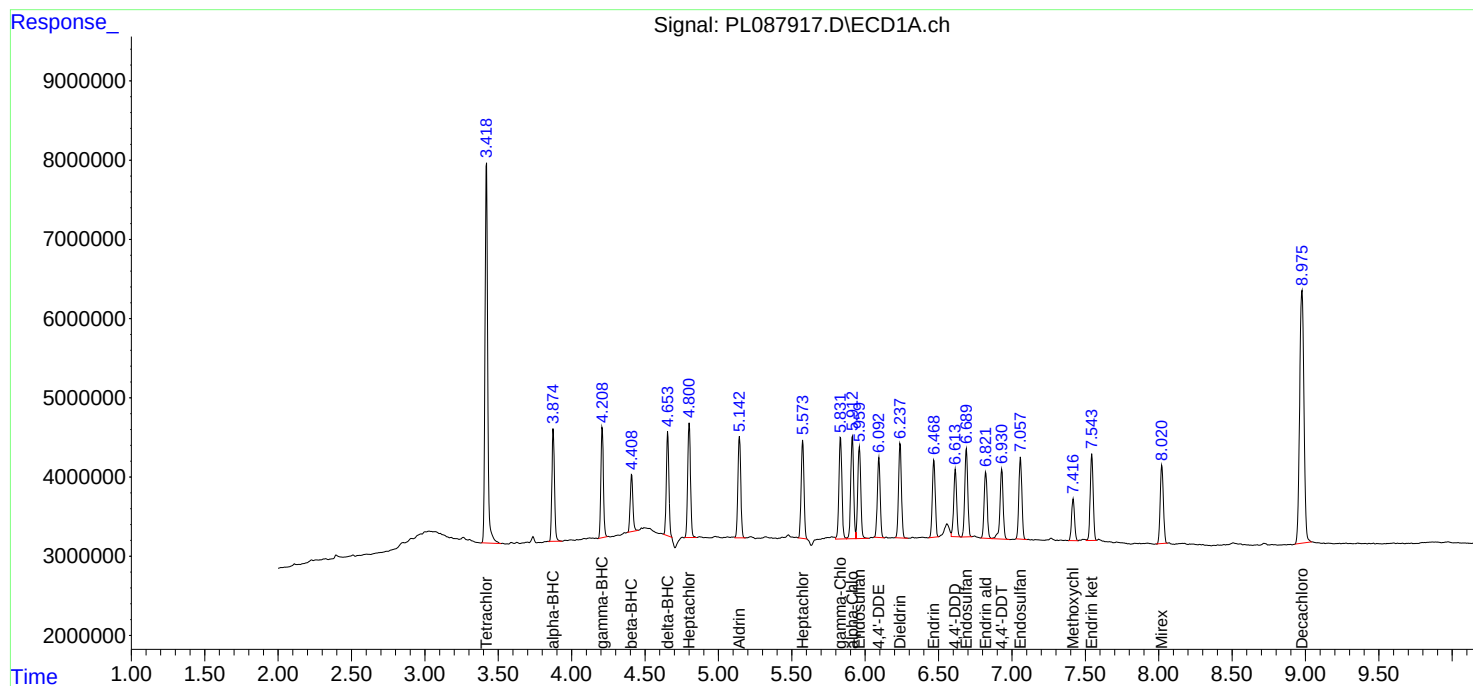
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2024

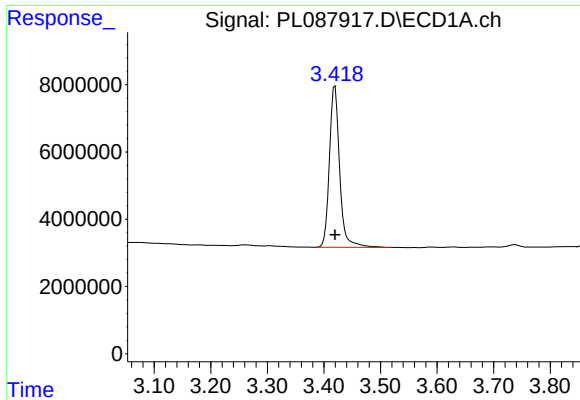
Manual Integrations
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Supervised By : Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:31:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
Response via : Initial Calibration
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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





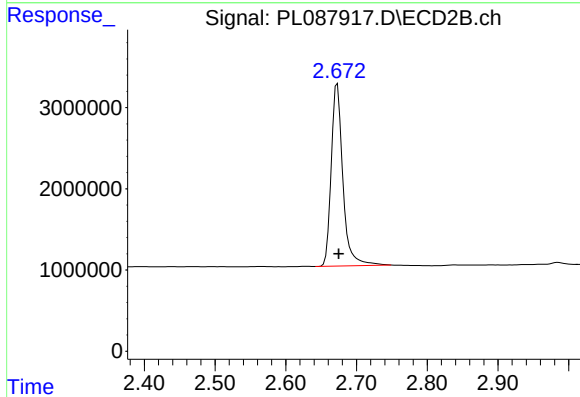
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 60360616
Conc: 20.16 ng/ml

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

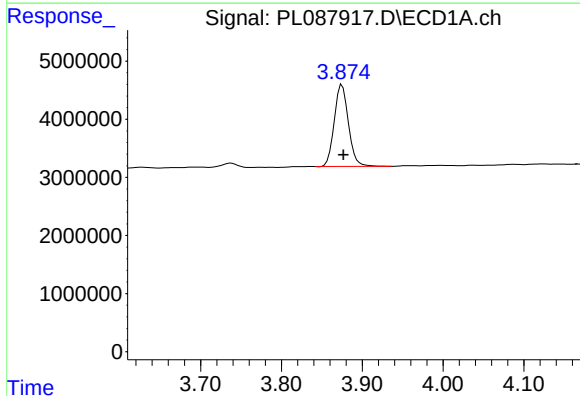
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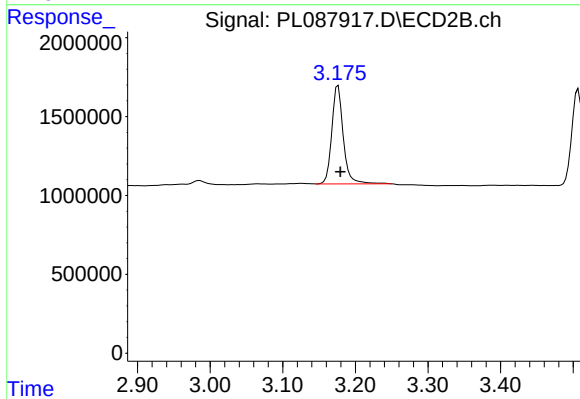
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 25754329
Conc: 21.26 ng/ml



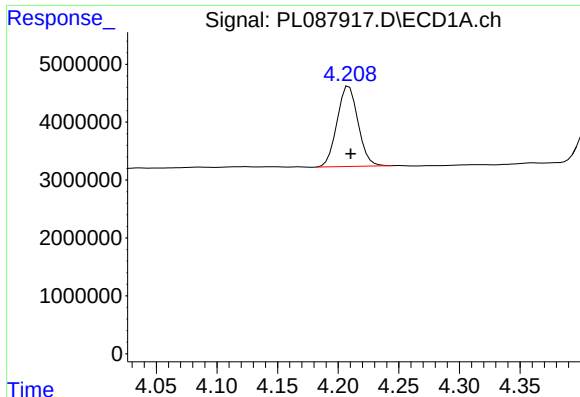
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 17194986
Conc: 3.83 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 6866574
Conc: 3.73 ng/ml



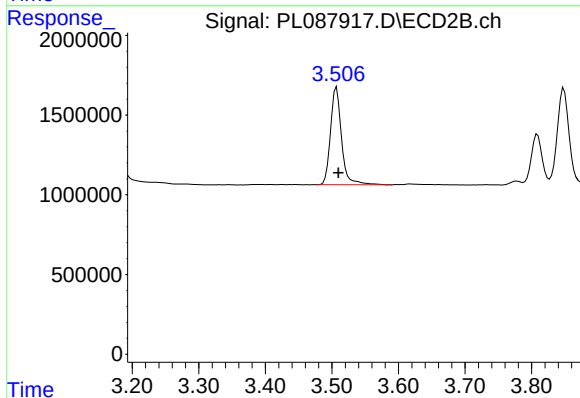
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 16711482
Conc: 3.83 ng/ml

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

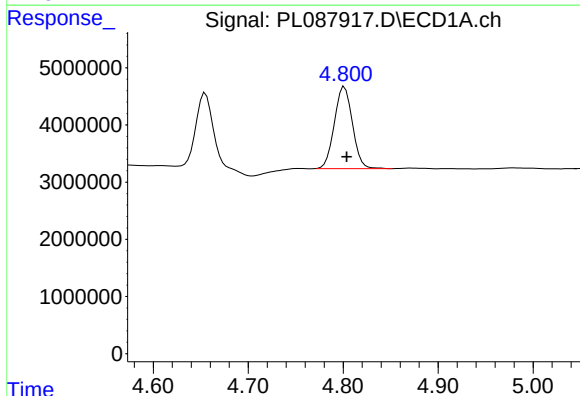
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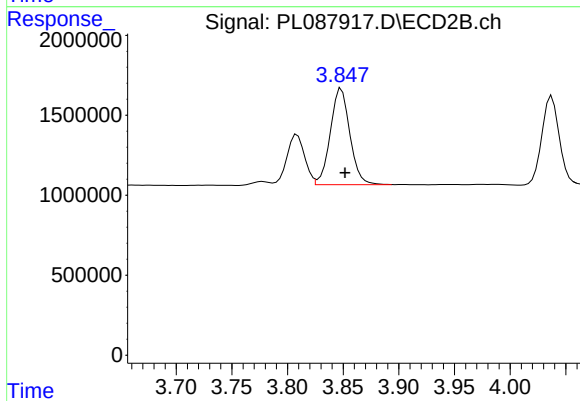
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 7063837
Conc: 3.89 ng/ml



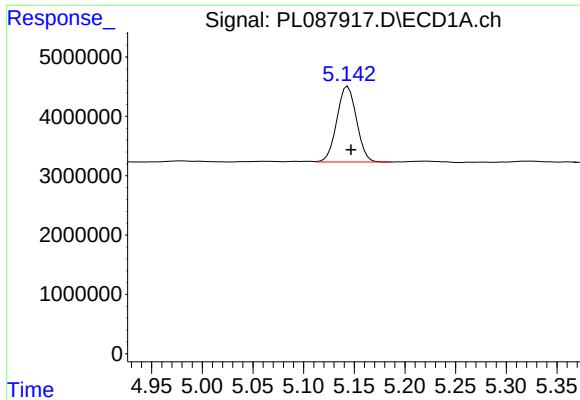
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 18960467
Conc: 4.31 ng/ml



#4 Heptachlor

R.T.: 3.847 min
Delta R.T.: -0.005 min
Response: 7358355
Conc: 4.13 ng/ml m



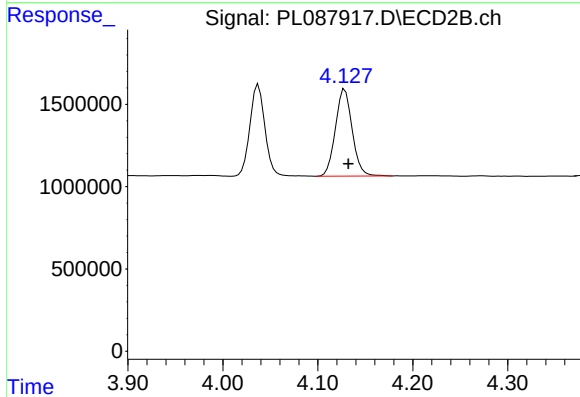
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 17177845
Conc: 4.01 ng/ml

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

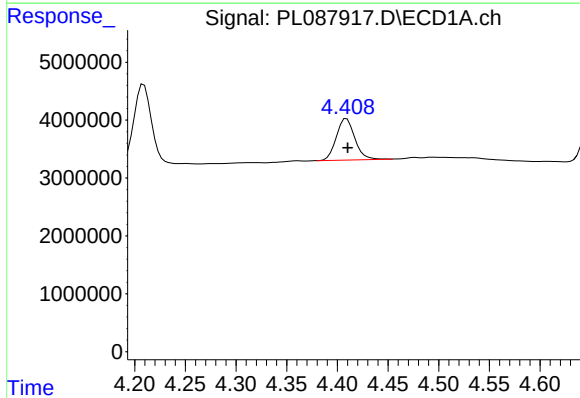
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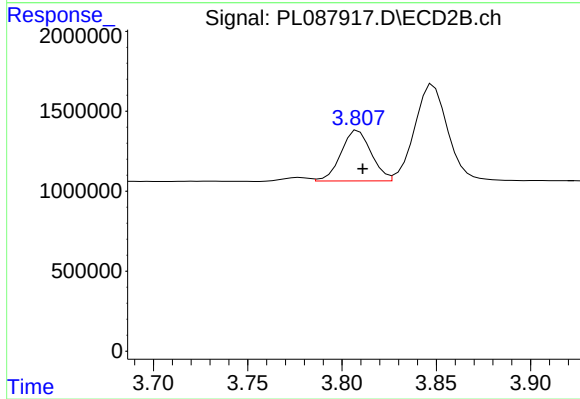
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 6511780
Conc: 3.69 ng/ml



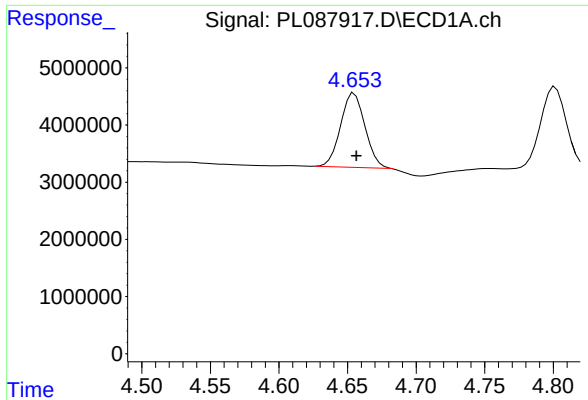
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 9072292
Conc: 4.88 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: -0.004 min
Response: 3617180
Conc: 4.73 ng/ml m



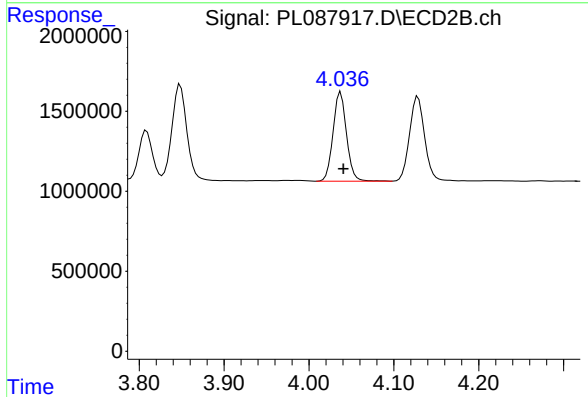
#7 delta-BHC

R.T.: 4.653 min
Delta R.T.: -0.003 min
Response: 16097909
Conc: 3.83 ng/ml

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

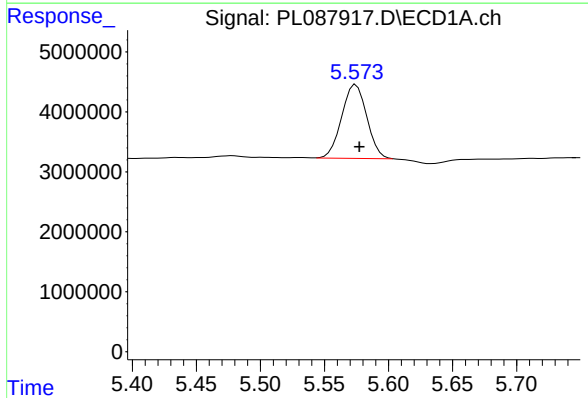
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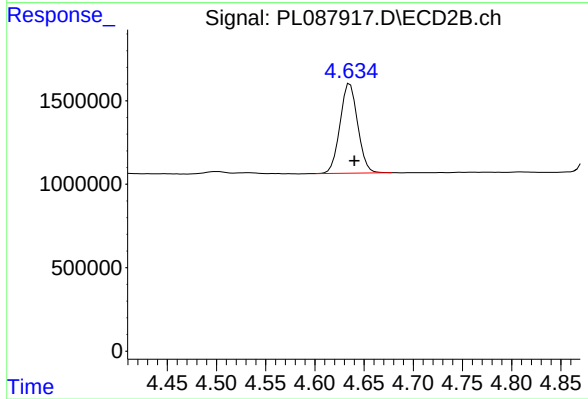
#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.003 min
Response: 6135985
Conc: 3.53 ng/ml



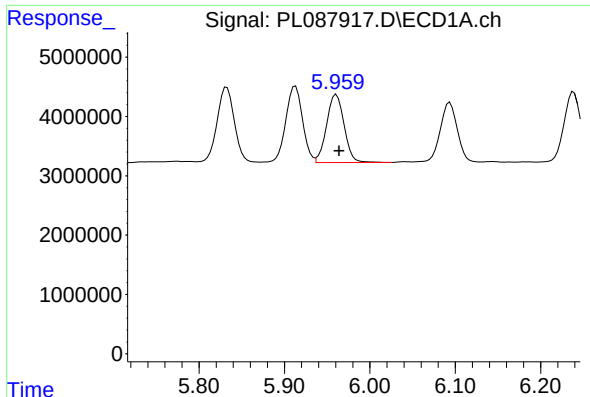
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 16753355
Conc: 4.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.634 min
Delta R.T.: -0.006 min
Response: 6733298
Conc: 4.22 ng/ml m



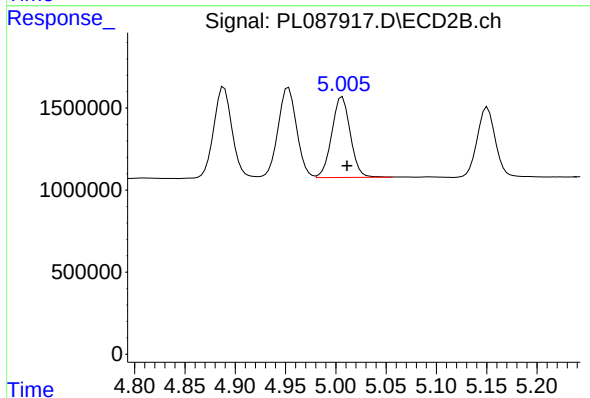
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 16388514
Conc: 4.54 ng/ml

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

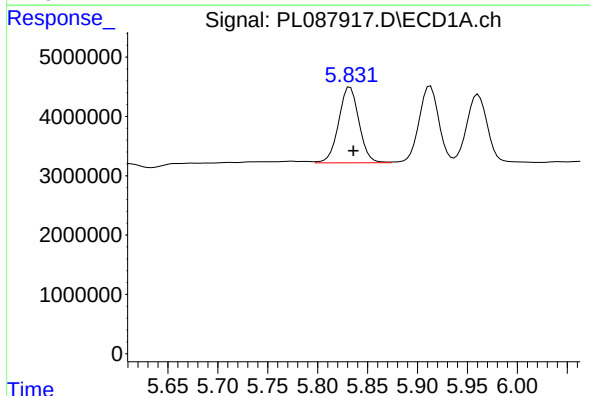
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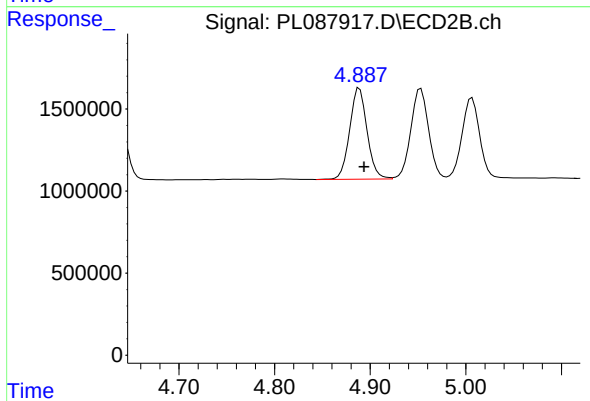
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 6271752
Conc: 4.05 ng/ml



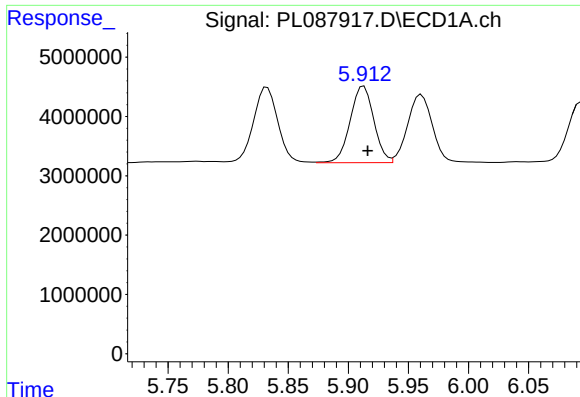
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 18095108
Conc: 4.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 7050089
Conc: 4.37 ng/ml



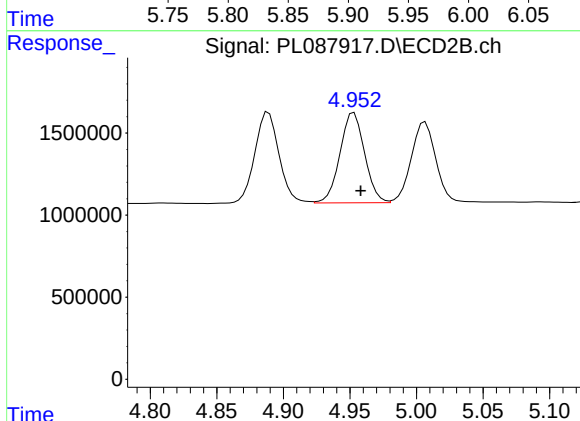
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 17742825
Conc: 4.62 ng/ml

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

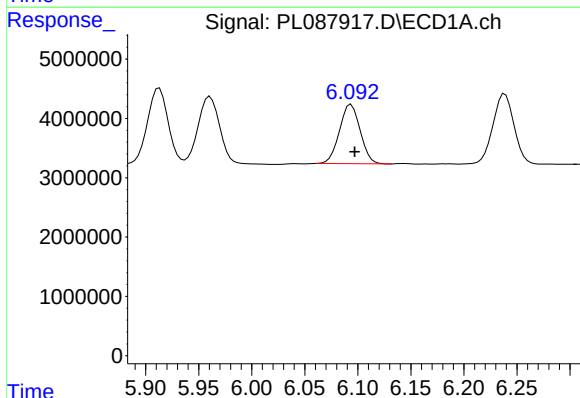
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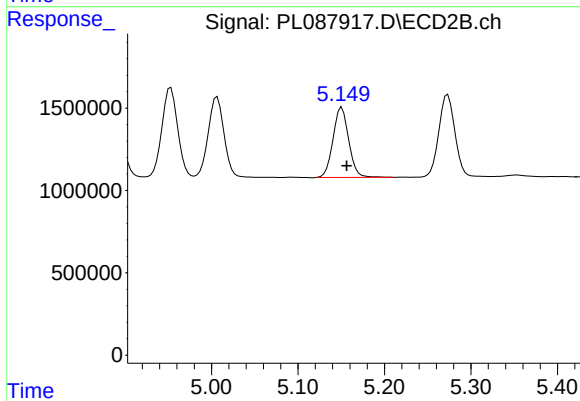
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 7083771
Conc: 4.27 ng/ml



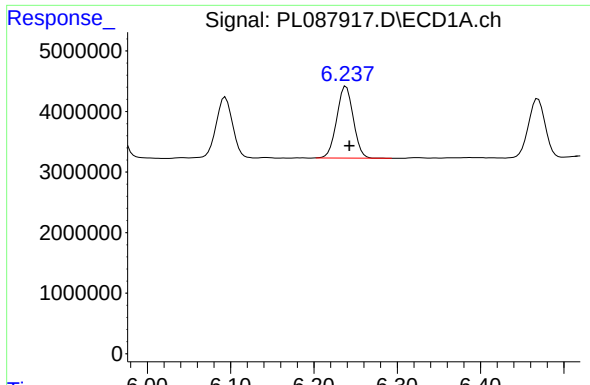
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 13569676
Conc: 4.24 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 5350373
Conc: 3.98 ng/ml



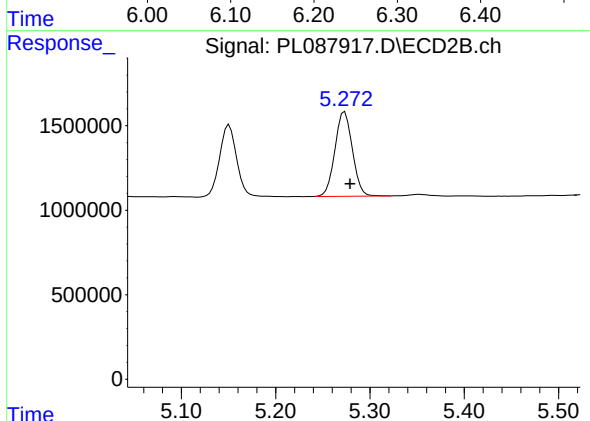
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 16377178
Conc: 4.40 ng/ml

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

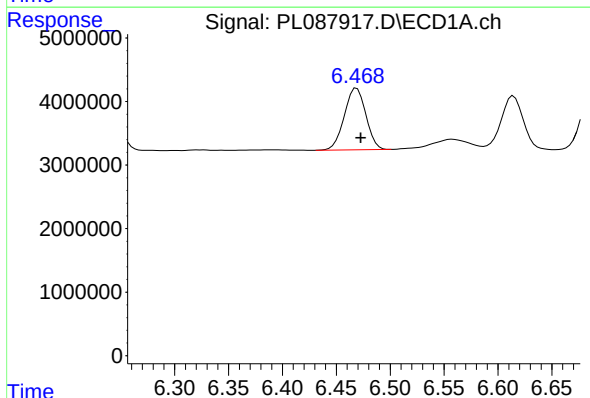
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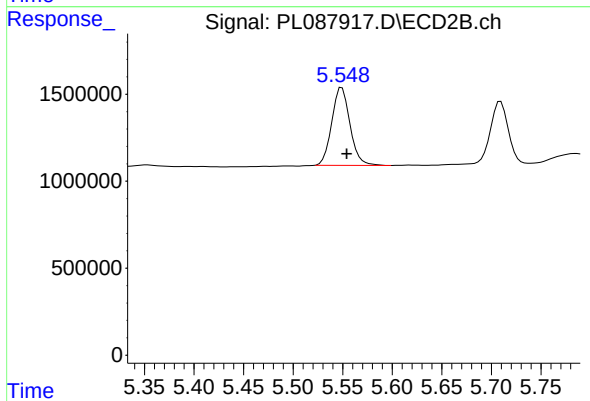
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 6444001
Conc: 4.06 ng/ml



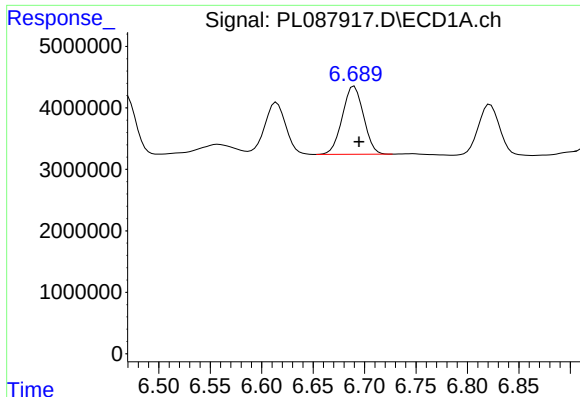
#14 Endrin

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 13507249
Conc: 4.30 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 5733404
Conc: 4.04 ng/ml



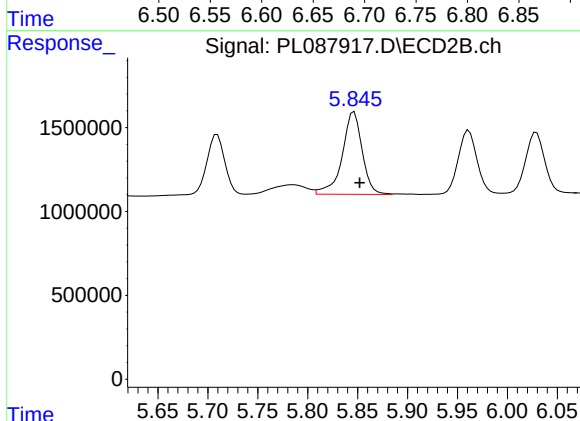
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 15895350
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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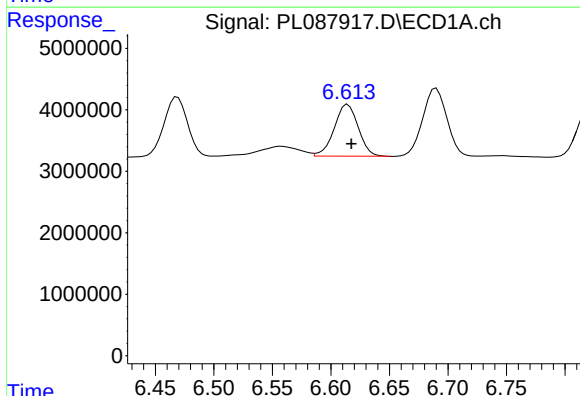
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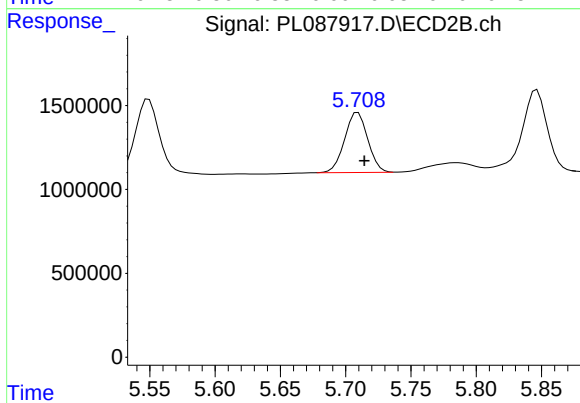
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 6850615
Conc: 5.00 ng/ml m



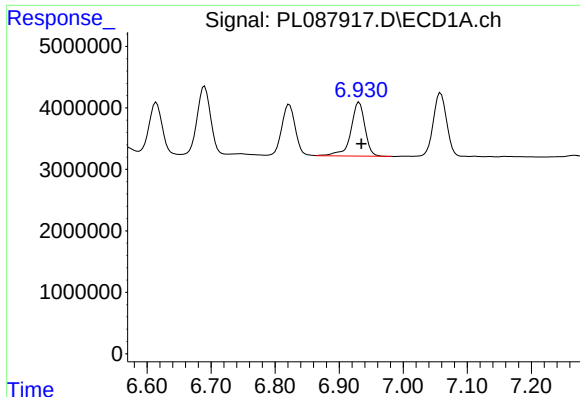
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 11999388
Conc: 4.65 ng/ml m



#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 4423676
Conc: 3.92 ng/ml m



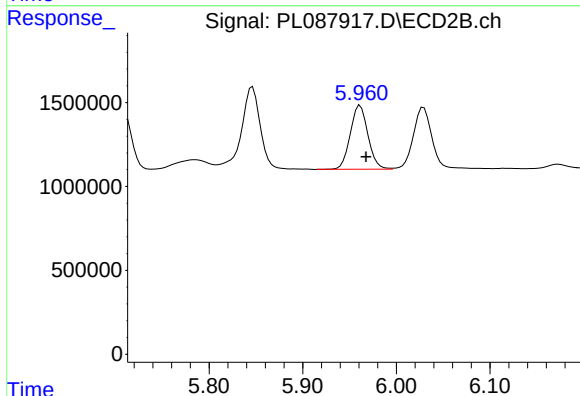
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 13387668
Conc: 4.68 ng/ml

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

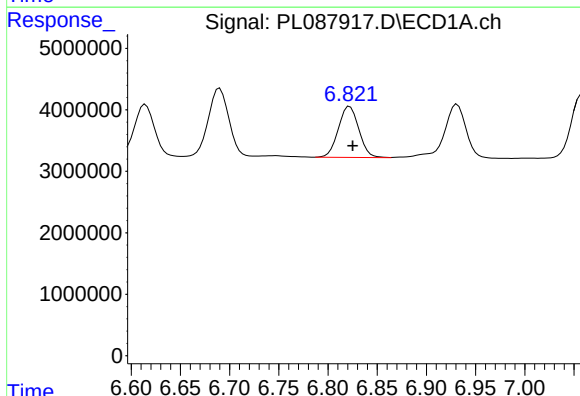
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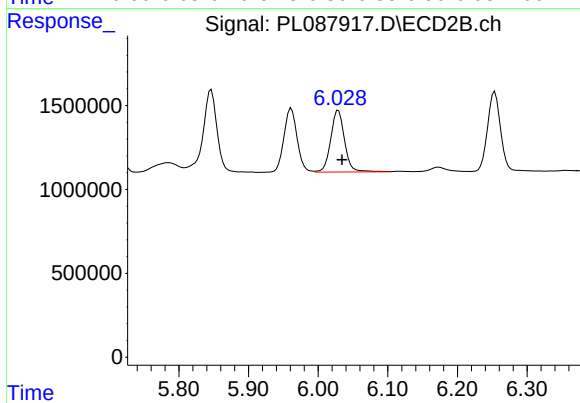
#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 5008443
Conc: 4.02 ng/ml



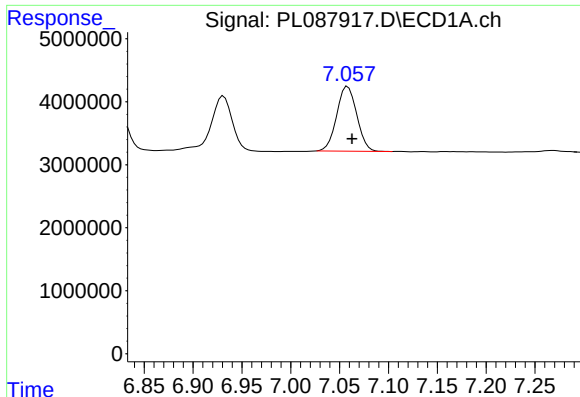
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 12038343
Conc: 4.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 5069150
Conc: 4.36 ng/ml



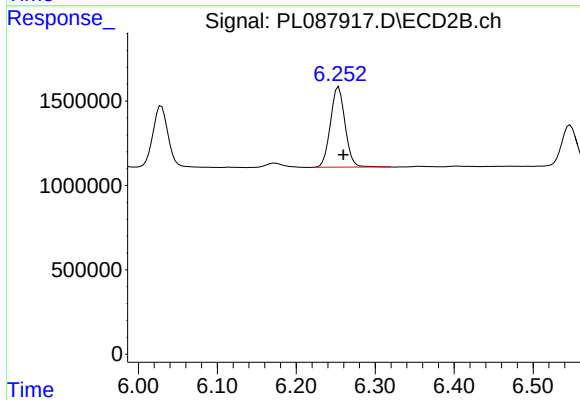
#19 Endosulfan Sulfate

R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 14761161
Conc: 4.83 ng/ml

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

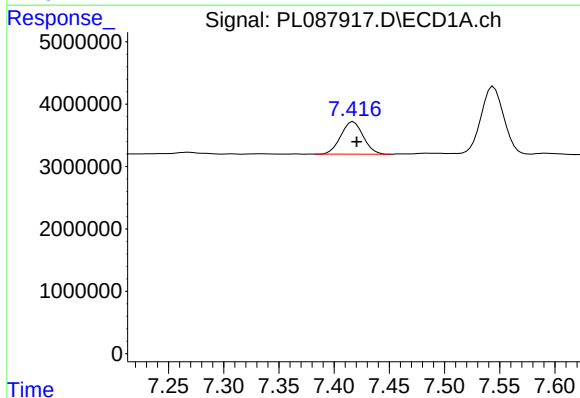
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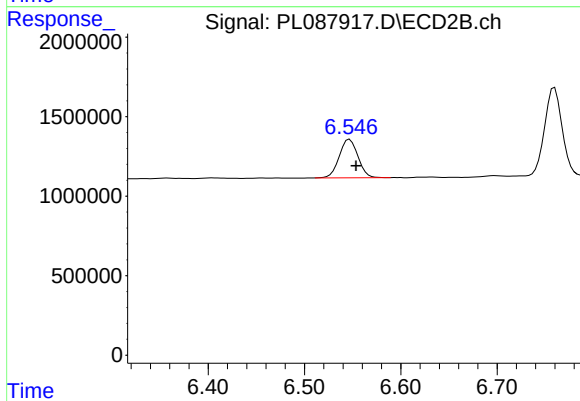
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.006 min
Response: 6134450
Conc: 4.67 ng/ml



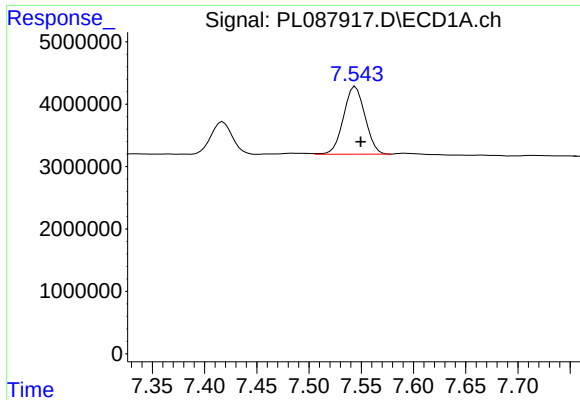
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 7348650
Conc: 4.53 ng/ml



#20 Methoxychlor

R.T.: 6.547 min
Delta R.T.: -0.007 min
Response: 3266572
Conc: 4.44 ng/ml



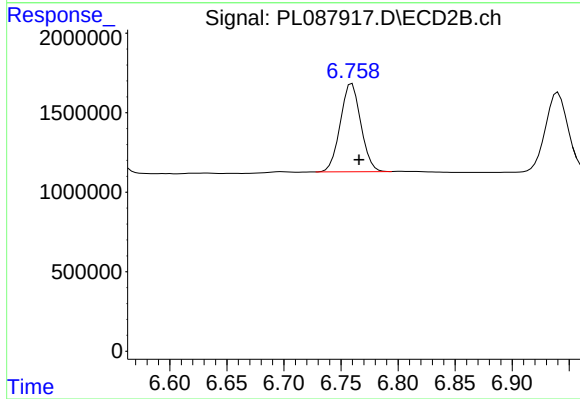
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 15505768
Conc: 4.77 ng/ml

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

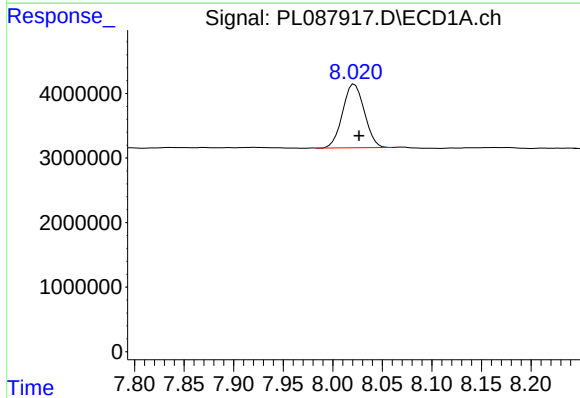
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024



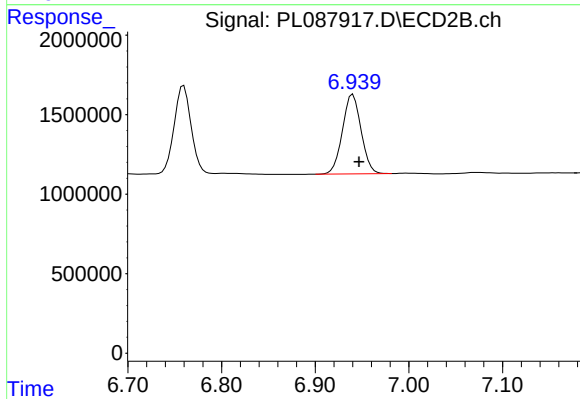
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 6946038
Conc: 4.53 ng/ml



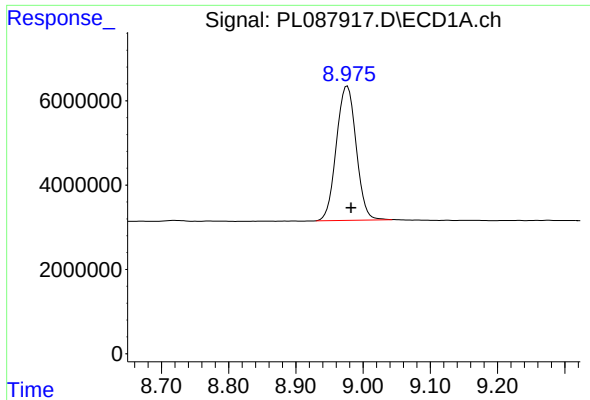
#22 Mirex

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 15021586
Conc: 5.36 ng/ml



#22 Mirex

R.T.: 6.940 min
Delta R.T.: -0.007 min
Response: 6923103
Conc: 5.16 ng/ml



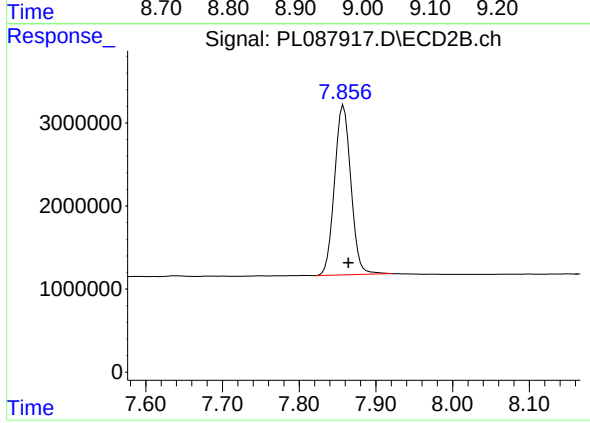
#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 64902743
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
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Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.007 min
Response: 30273008
Conc: 23.90 ng/ml