

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 16:32
 Operator : AR\AJ
 Sample : P1187-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-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 00:31:25 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...	3.419	2.673	62818626	26869314	20.983	22.181
28) SA Decachlor...	8.977	7.858	67117052	31360486	23.566	24.755
Target Compounds						
2) A alpha-BHC	3.873	3.176	9082827	3520652	2.024m	1.910
3) MA gamma-BHC...	4.208	3.505	9132838	3444133	2.094	1.895m
4) MA Heptachlor	4.801	3.847	10494173	3859797	2.388	2.167m
5) MB Aldrin	5.144	4.128	9271603	3429649	2.163	1.943
6) B beta-BHC	4.409	3.807	4781638	1945631	2.570	2.544m
7) B delta-BHC	4.654	4.037	8937589	3118938	2.124m	1.797
8) B Heptachlo...	5.573	4.636	9289839	3588108	2.425m	2.251
9) A Endosulfan I	5.960	5.007	8974567	3357269	2.489	2.170
10) B gamma-Chl...	5.833	4.889	10163917	3748004	2.629	2.322
11) B alpha-Chl...	5.913	4.953	9727747	3764911	2.531	2.269
12) B 4,4'-DDE	6.094	5.151	7222026	2735375	2.259	2.034
13) MA Dieldrin	6.239	5.273	8766957	3542935	2.354	2.229m
14) MA Endrin	6.469	5.550	7192519	3065680	2.290	2.162
15) B Endosulfa...	6.690	5.845	8144765	3925612	2.540	2.868m
16) A 4,4'-DDD	6.613	5.708	6556779	2301543	2.543m	2.041m
17) MA 4,4'-DDT	6.932	5.962	7131284	2782255	2.494	2.235
18) B Endrin al...	6.822	6.028	6491897	2894543	2.581	2.491
19) B Endosulfa...	7.059	6.254	7976465	3293231	2.608	2.509
20) A Methoxychlor	7.417	6.548	4097926	1682366	2.524	2.286
21) B Endrin ke...	7.545	6.760	8262643	3472839	2.540	2.265
22) Mirex	8.022	6.941	8151850	3716032	2.907	2.770

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 16:32
Operator : AR\AJ
Sample : P1187-07
Misc : PEST LOD 2.5PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
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LOD-MDL-WATER-01-QT1-2024

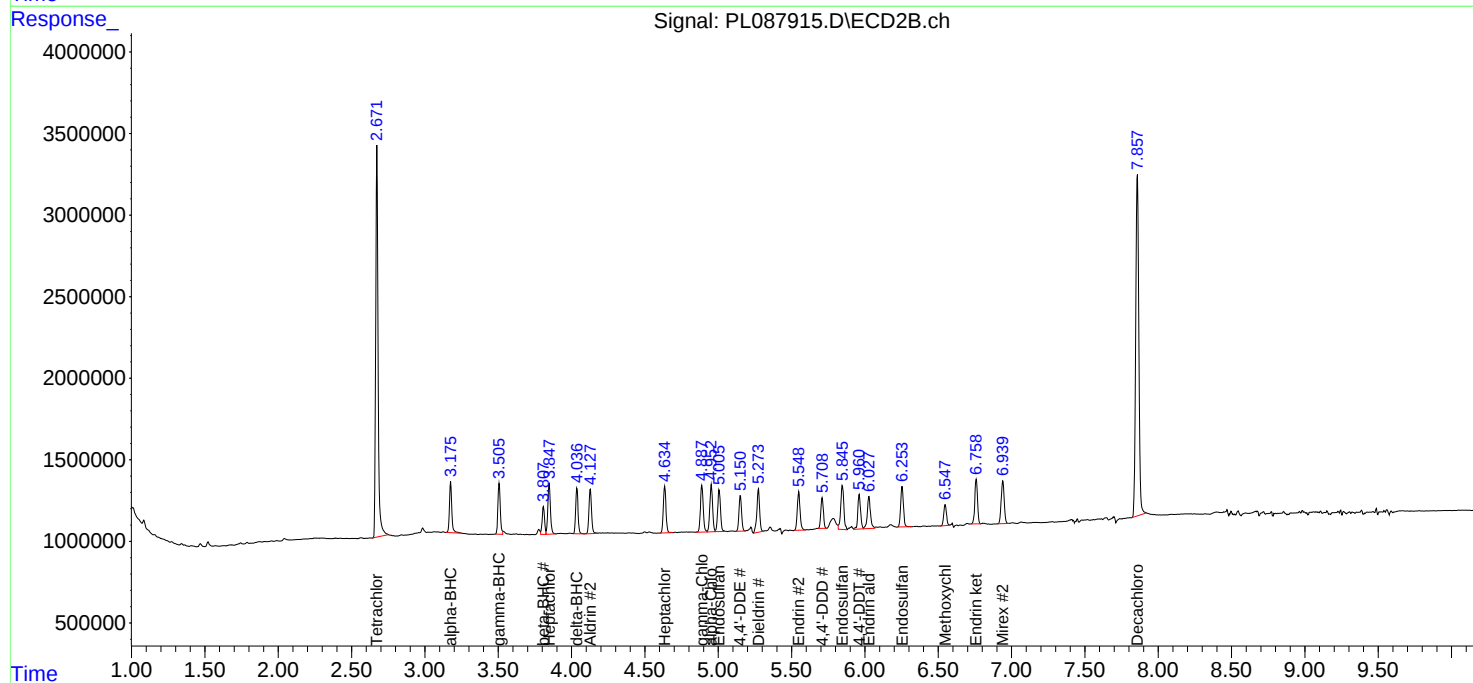
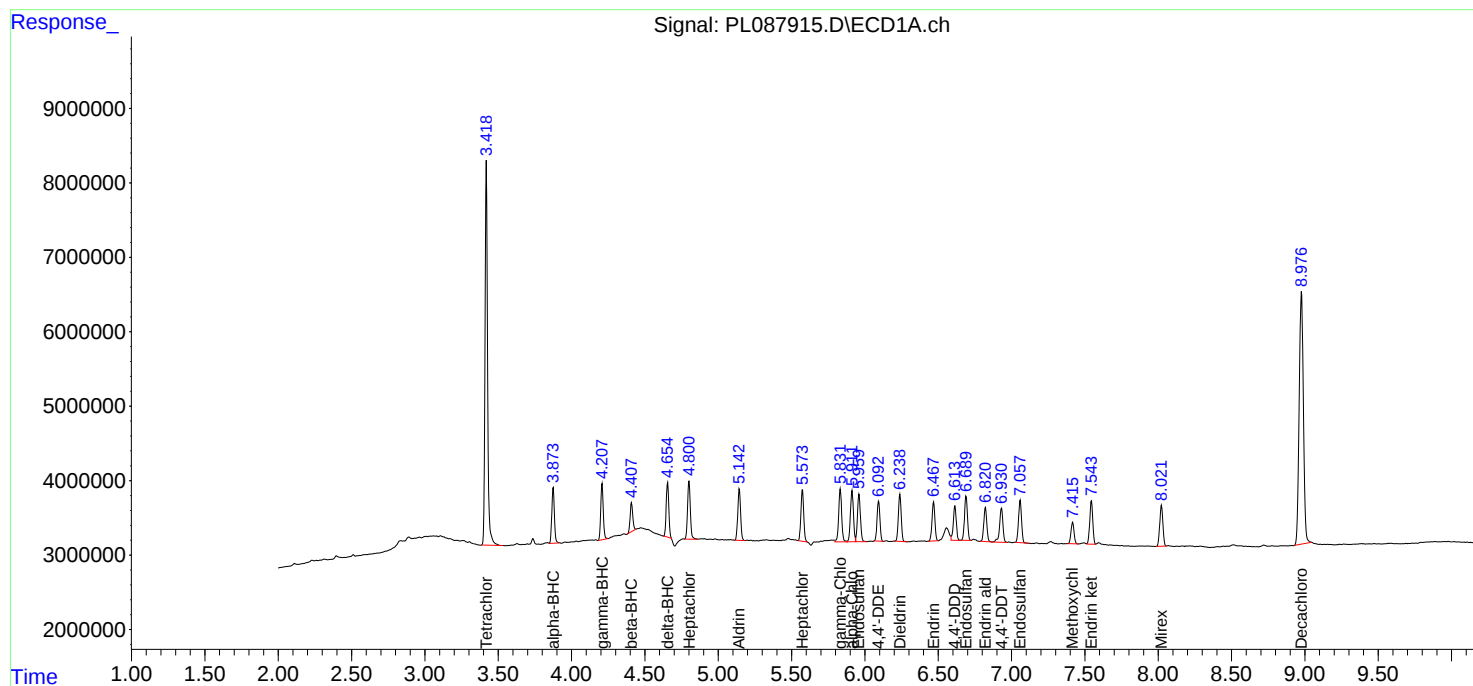
Manual Integrations
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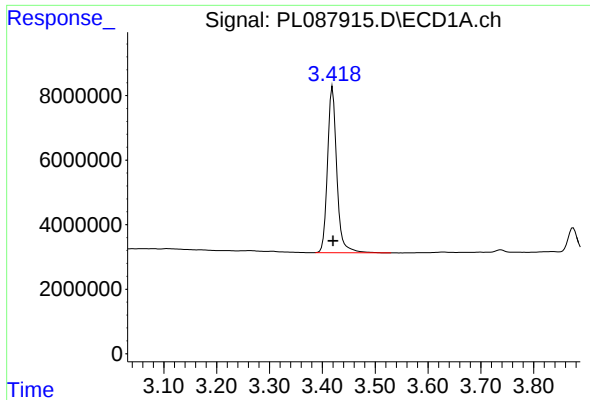
Reviewed By :Abdul
Mirza
01/24/2024

Supervised By :Ankita
Jodhani
01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:31:25 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





#1 Tetrachloro-m-xylene

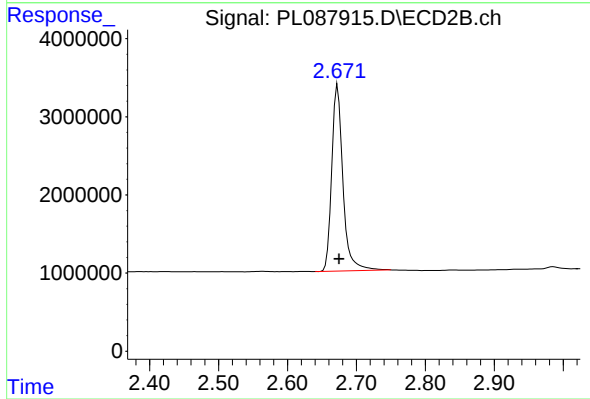
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 62818626
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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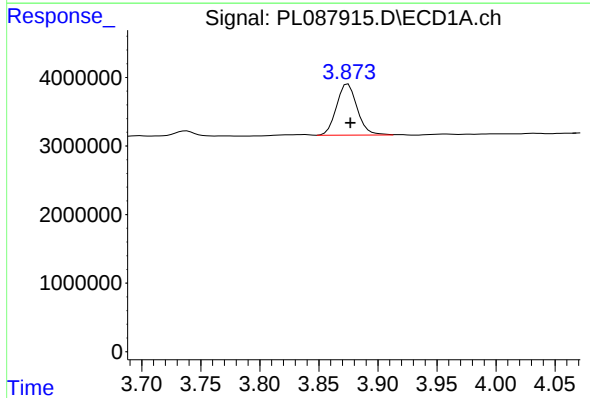
Reviewed By :Abdul
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01/24/2024

Supervised By :Ankita
Jodhani
01/24/2024



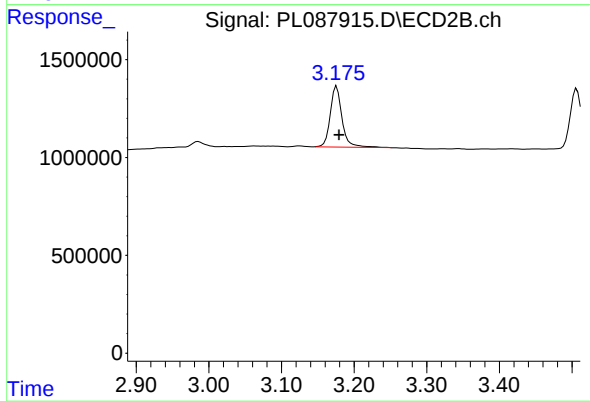
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 26869314
Conc: 22.18 ng/ml



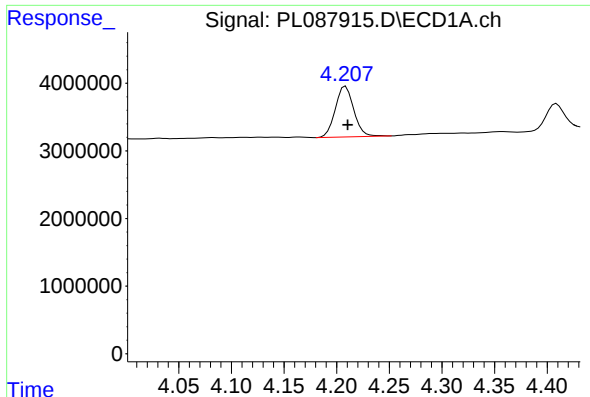
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: -0.003 min
Response: 9082827
Conc: 2.02 ng/ml m



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 3520652
Conc: 1.91 ng/ml



#3 gamma-BHC (Lindane)

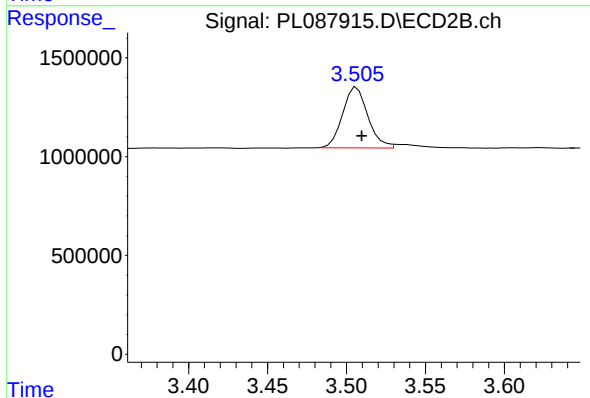
R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 9132838
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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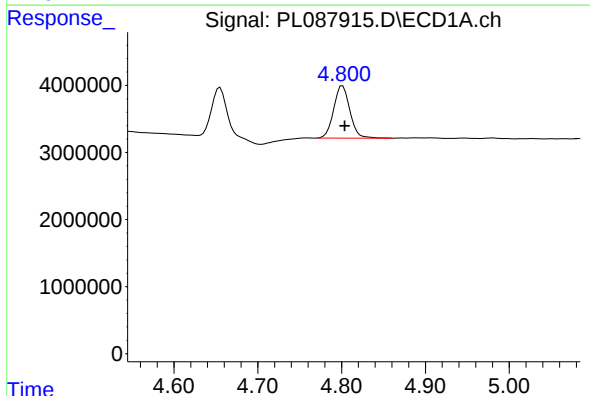
Reviewed By :Abdul
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01/24/2024



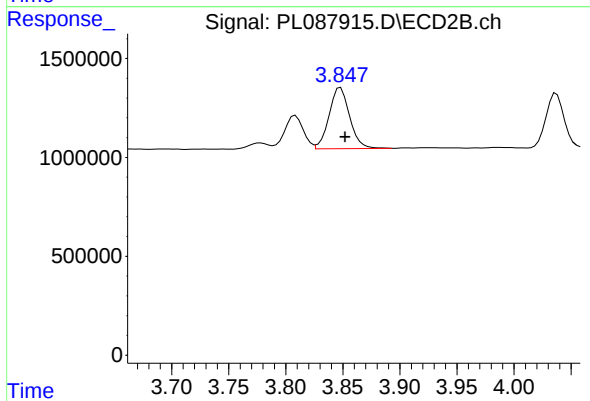
#3 gamma-BHC (Lindane)

R.T.: 3.505 min
Delta R.T.: -0.004 min
Response: 3444133
Conc: 1.90 ng/ml m



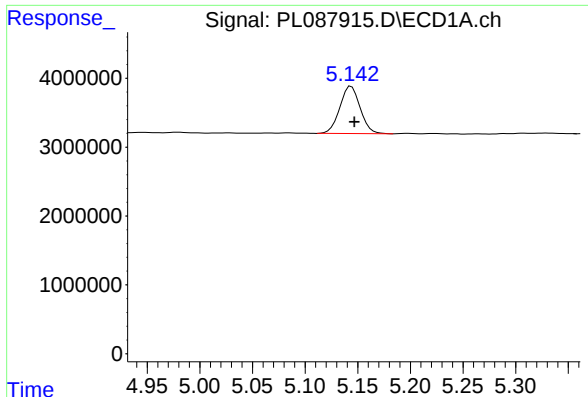
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 10494173
Conc: 2.39 ng/ml



#4 Heptachlor

R.T.: 3.847 min
Delta R.T.: -0.005 min
Response: 3859797
Conc: 2.17 ng/ml m



#5 Aldrin

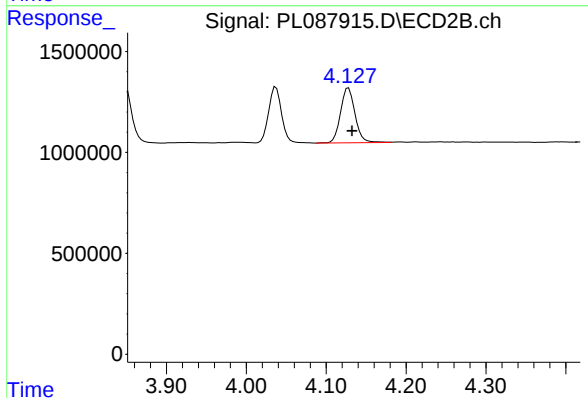
R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 9271603
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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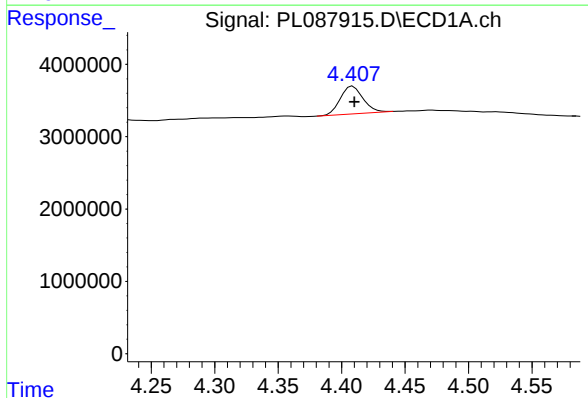
Reviewed By :Abdul
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01/24/2024



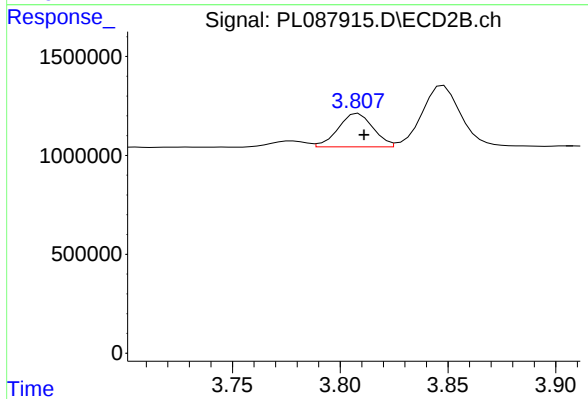
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 3429649
Conc: 1.94 ng/ml



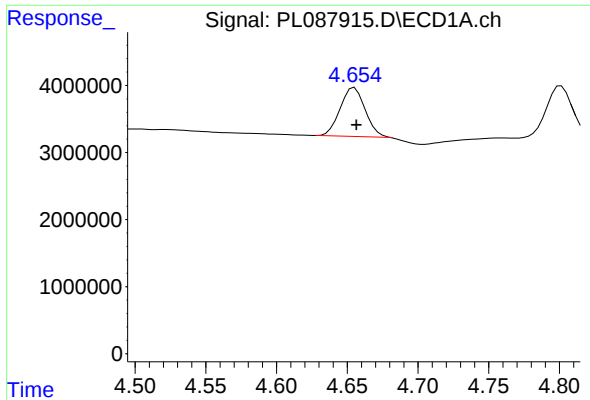
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 4781638
Conc: 2.57 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: -0.004 min
Response: 1945631
Conc: 2.54 ng/ml m



#7 delta-BHC

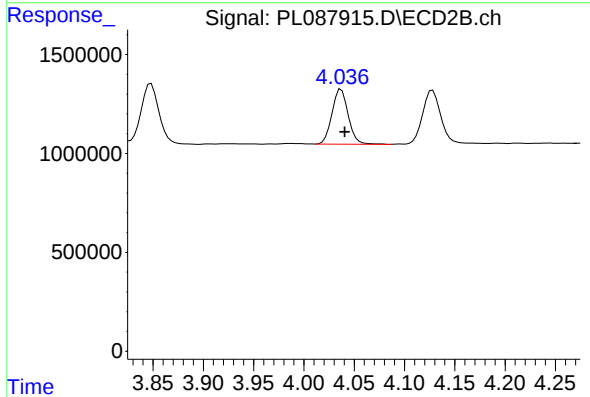
R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 8937589
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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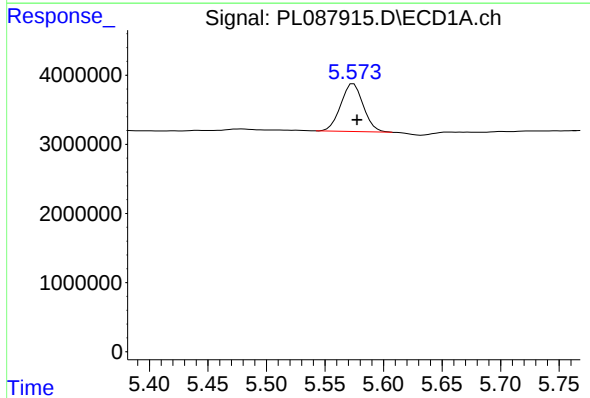
Reviewed By :Abdul
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01/24/2024



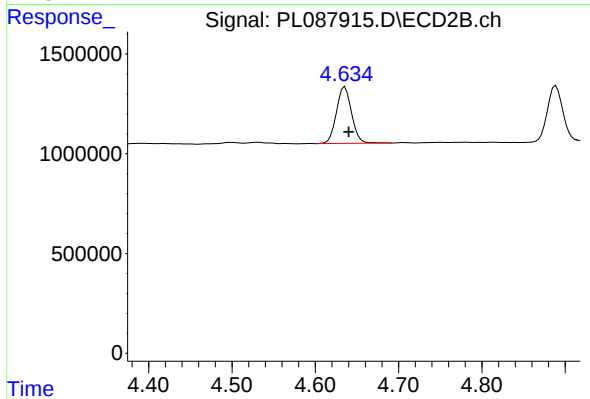
#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.003 min
Response: 3118938
Conc: 1.80 ng/ml



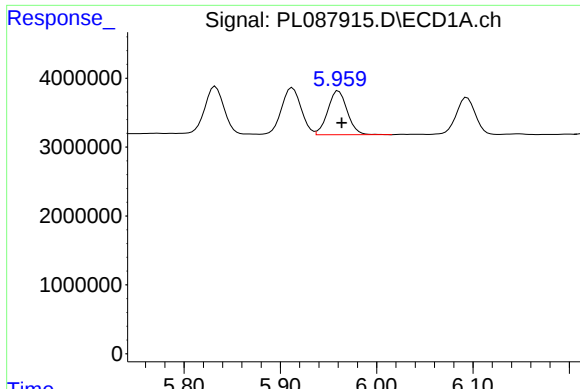
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 9289839
Conc: 2.42 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.636 min
Delta R.T.: -0.005 min
Response: 3588108
Conc: 2.25 ng/ml



#9 Endosulfan I

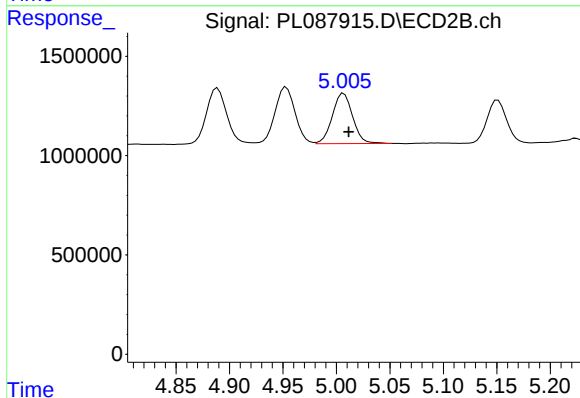
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 8974567
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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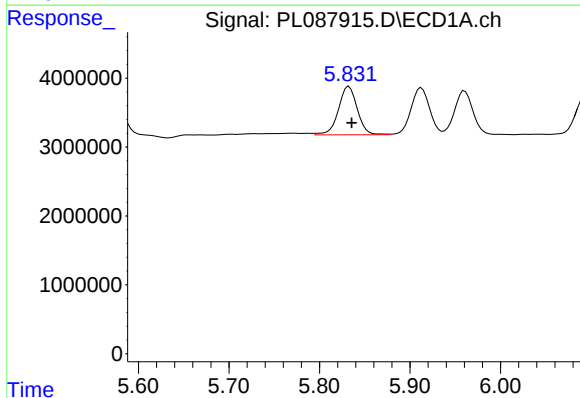
Reviewed By :Abdul
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Jodhani
01/24/2024



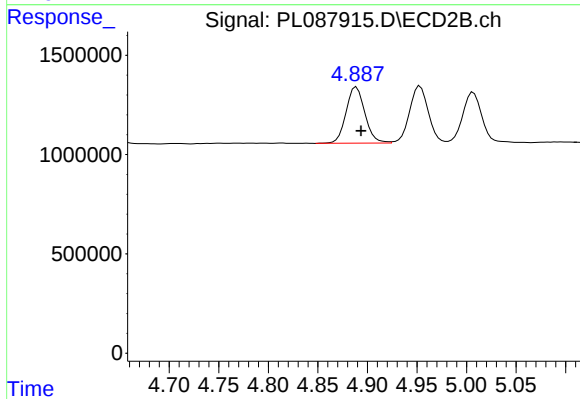
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 3357269
Conc: 2.17 ng/ml



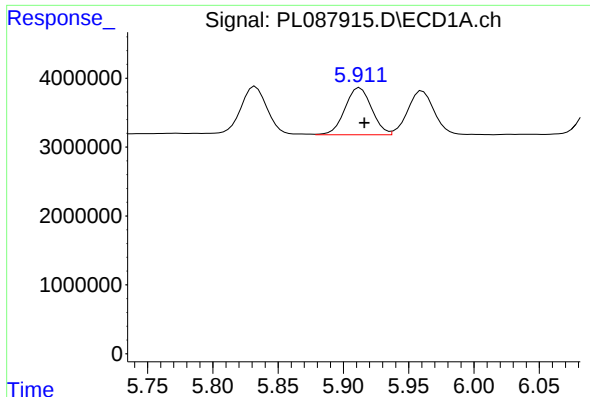
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 10163917
Conc: 2.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 3748004
Conc: 2.32 ng/ml



#11 alpha-Chlordane

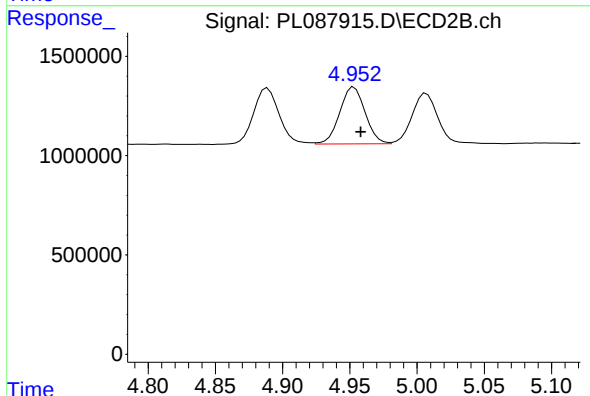
R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 9727747
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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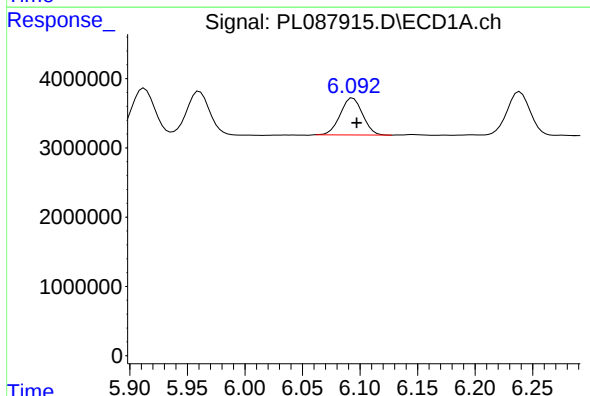
Reviewed By :Abdul
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Jodhani
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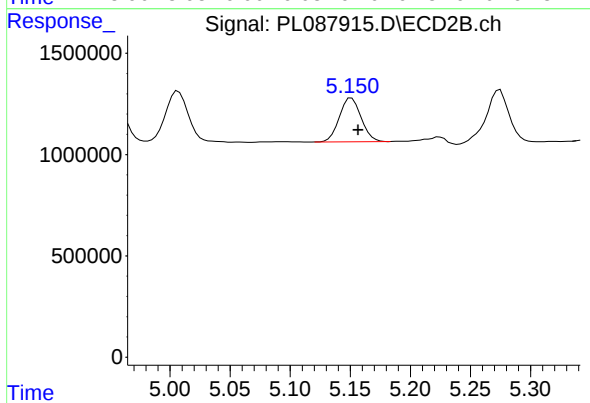
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 3764911
Conc: 2.27 ng/ml



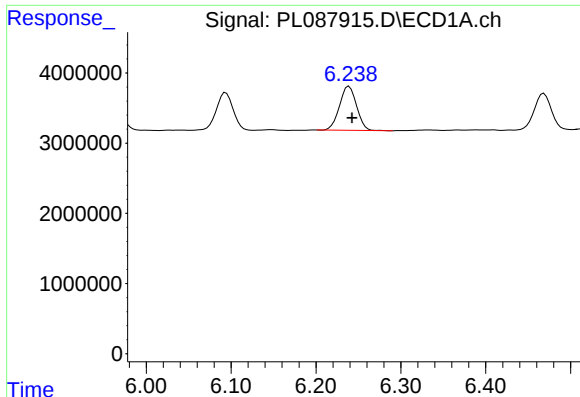
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 7222026
Conc: 2.26 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 2735375
Conc: 2.03 ng/ml



#13 Dieldrin

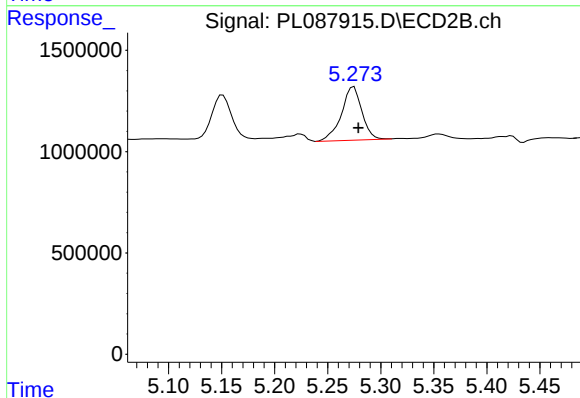
R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 8766957
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
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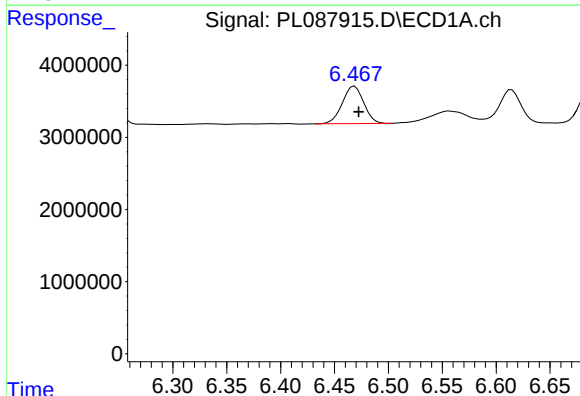
Reviewed By :Abdul
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Jodhani
01/24/2024



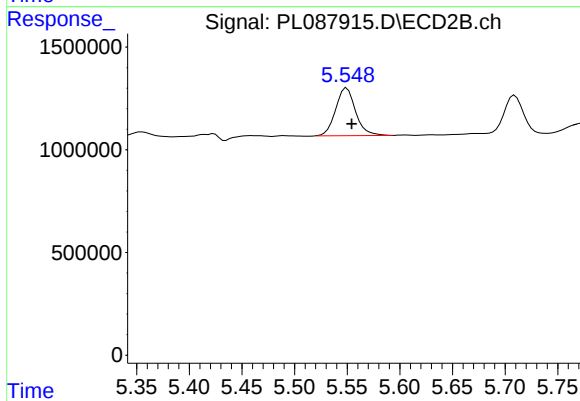
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 3542935
Conc: 2.23 ng/ml m



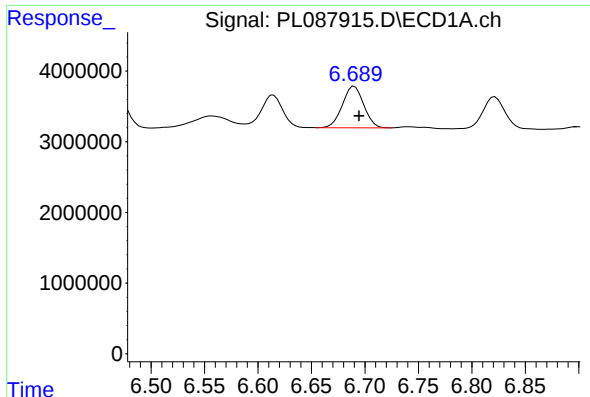
#14 Endrin

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 7192519
Conc: 2.29 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.005 min
Response: 3065680
Conc: 2.16 ng/ml



#15 Endosulfan II

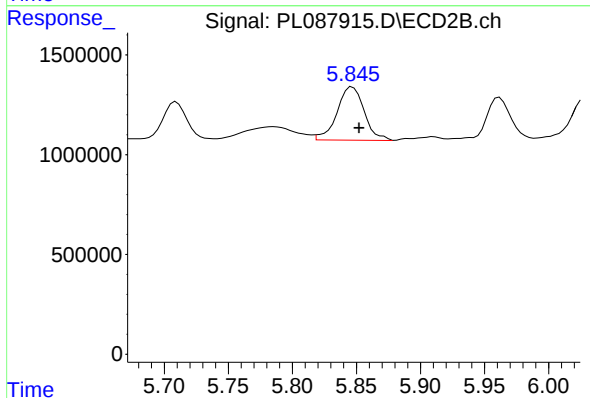
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 8144765
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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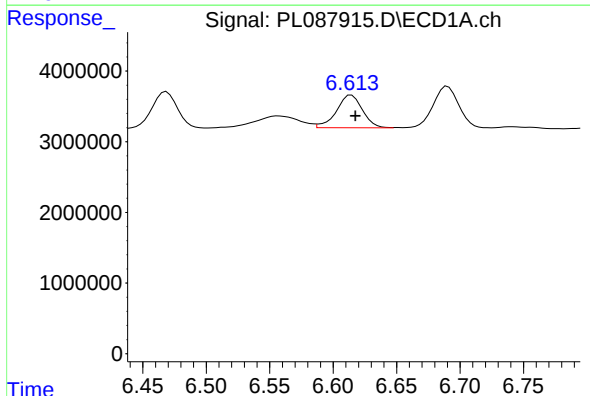
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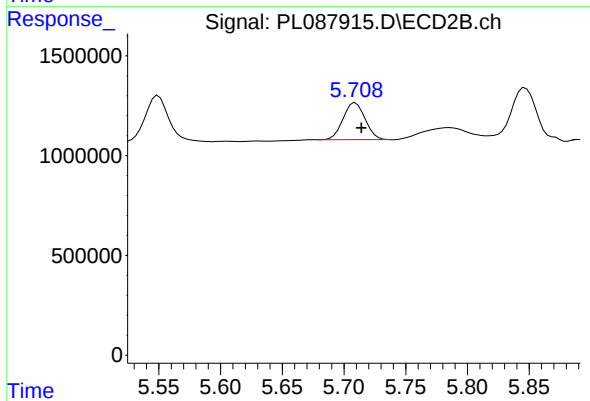
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 3925612
Conc: 2.87 ng/ml m



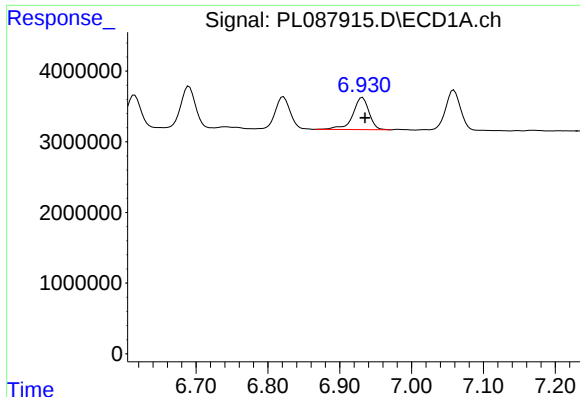
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 6556779
Conc: 2.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 2301543
Conc: 2.04 ng/ml m



#17 4,4'-DDT

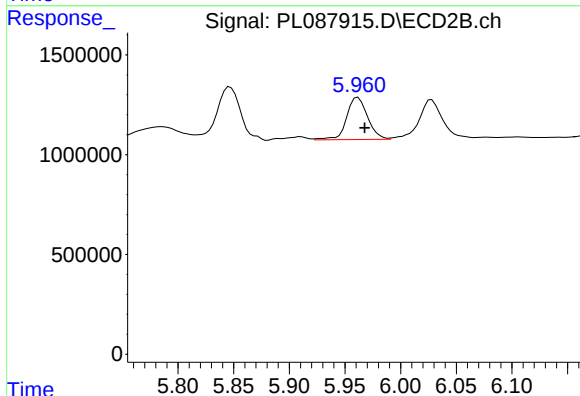
R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 7131284
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

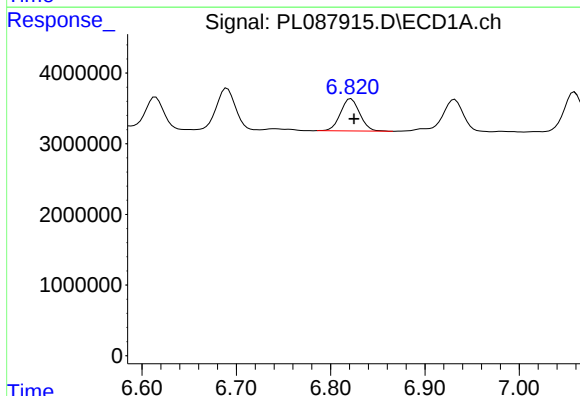
Reviewed By :Abdul
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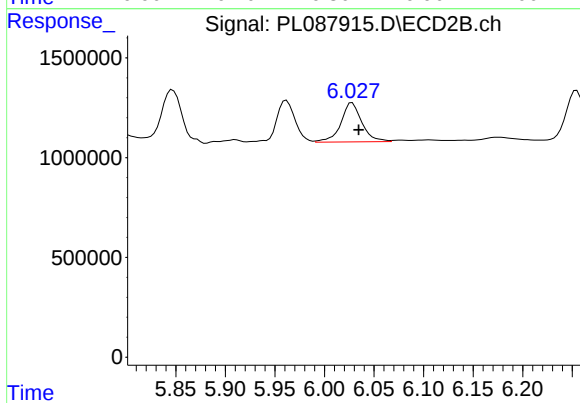
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 2782255
Conc: 2.24 ng/ml



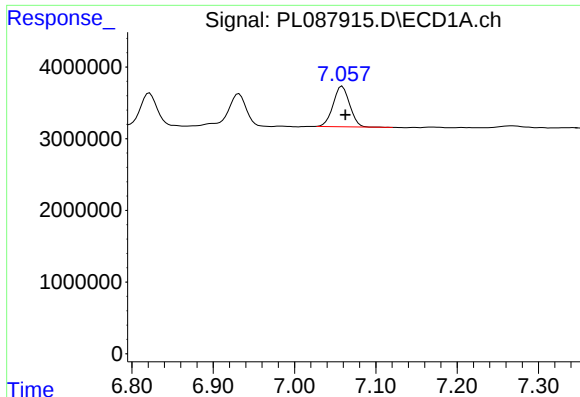
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 6491897
Conc: 2.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: -0.007 min
Response: 2894543
Conc: 2.49 ng/ml



#19 Endosulfan Sulfate

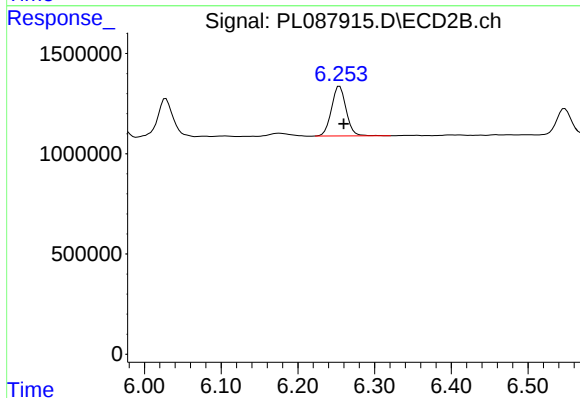
R.T.: 7.059 min
Delta R.T.: -0.004 min
Response: 7976465
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

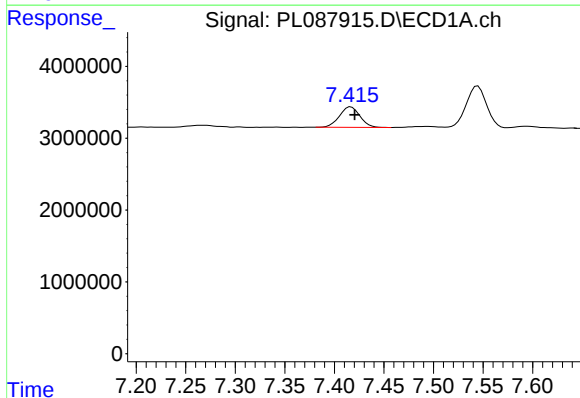
Reviewed By :Abdul
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Supervised By :Ankita
Jodhani
01/24/2024



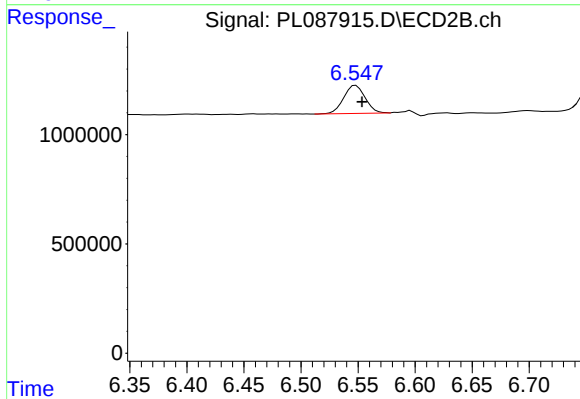
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 3293231
Conc: 2.51 ng/ml



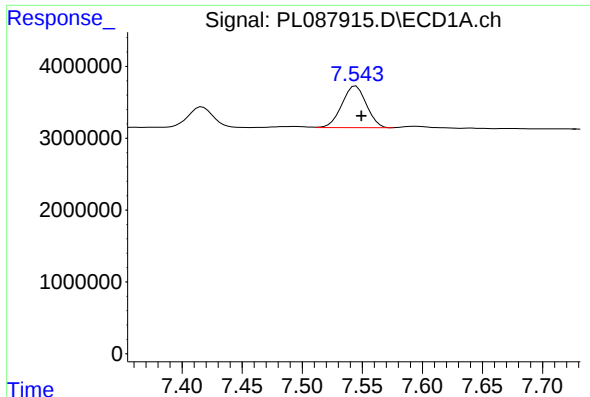
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.004 min
Response: 4097926
Conc: 2.52 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 1682366
Conc: 2.29 ng/ml



#21 Endrin ketone

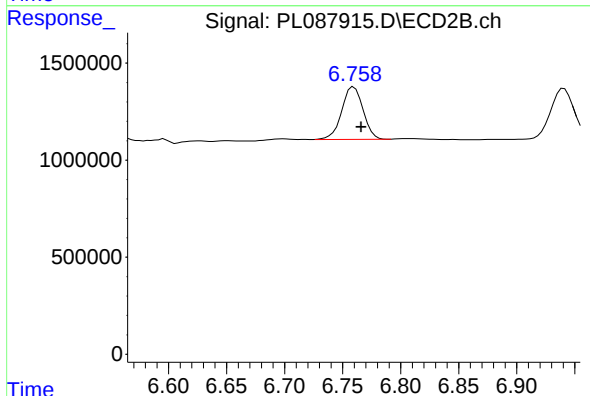
R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 8262643
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

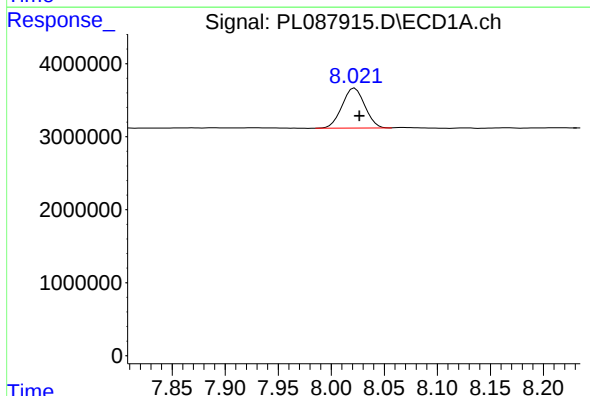
Reviewed By :Abdul
Mirza
01/24/2024

Supervised By :Ankita
Jodhani
01/24/2024



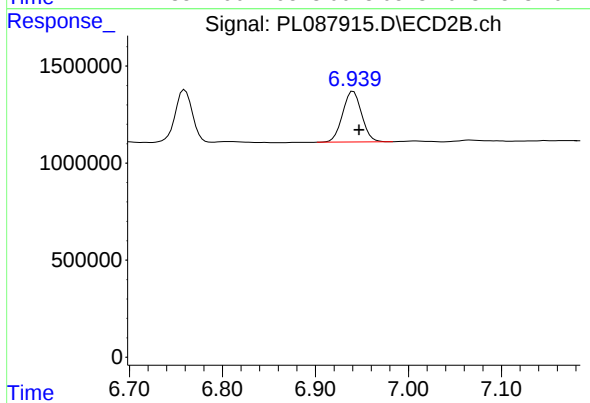
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 3472839
Conc: 2.27 ng/ml



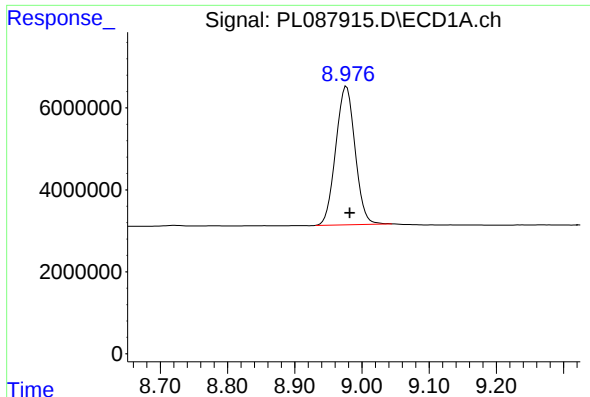
#22 Mirex

R.T.: 8.022 min
Delta R.T.: -0.004 min
Response: 8151850
Conc: 2.91 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 3716032
Conc: 2.77 ng/ml



#28 Decachlorobiphenyl

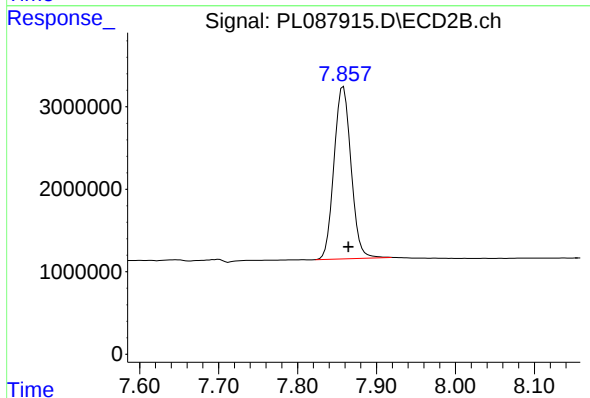
R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 67117052
Conc: 23.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza
01/24/2024

Supervised By :Ankita
Jodhani
01/24/2024



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 31360486
Conc: 24.76 ng/ml