

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 16:07
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : PEST LOD 1PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:55:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.775	52732140	60722212	19.583	18.603
28)	SA Decachlor...	9.055	7.911	44250046	70843505	21.153	20.218
Target Compounds							
2)	A alpha-BHC	3.993	3.276	4457761	4207456	1.163	0.861 #
3)	MA gamma-BHC...	4.326	3.606	4196287	4198555	1.139	0.886
4)	MA Heptachlor	4.914	3.945	3825265	4259733	1.167	0.915
5)	MB Aldrin	5.256	4.223	3840198	4232103	1.174	0.928m
6)	B beta-BHC	4.525	3.907	2320409	2133095	1.444	1.068 #
7)	B delta-BHC	4.769	4.135	4592849	4273965	1.310m	0.900 #
8)	B Heptachlo...	5.682	4.726	3513492	4045985	1.181	0.968
9)	A Endosulfan I	6.067	5.095	3807983	3894017	1.441m	1.004m#
10)	B gamma-Chl...	5.937	4.976	3593161	4252023	1.289m	1.003
11)	B alpha-Chl...	6.017	5.040	3953657	4357905	1.418	1.041 #
12)	B 4,4'-DDE	6.191	5.229	3160679	4055689	1.298	1.012
13)	MA Dieldrin	6.343	5.361	3483680	3869288	1.255	0.901 #
14)	MA Endrin	6.573	5.634	2592034	3197092	1.105	0.866m
15)	B Endosulfa...	6.792	5.932	3046968	3720763	1.265m	1.005
16)	A 4,4'-DDD	6.708	5.785	2772674	3720089	1.459m	1.179
17)	MA 4,4'-DDT	7.022	6.034	2234703	2978838	1.133	0.915
18)	B Endrin al...	6.922	6.110	2571477	3067486	1.323m	1.008
19)	B Endosulfa...	7.157	6.333	3023566	3614751	1.336m	1.014
20)	A Methoxychlor	7.498	6.610	1312936	1740211	1.258m	0.973
21)	B Endrin ke...	7.643	6.838	3302993	4408965	1.309	1.051
22)	Mirex	8.115	7.019	2741699	3267489	1.317	0.966 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093796.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 16:07
Operator : AR\AJ
Sample : Q1168-07
Misc : PEST LOD 1PPB
ALS Vial : 15 Sample Multiplier: 1

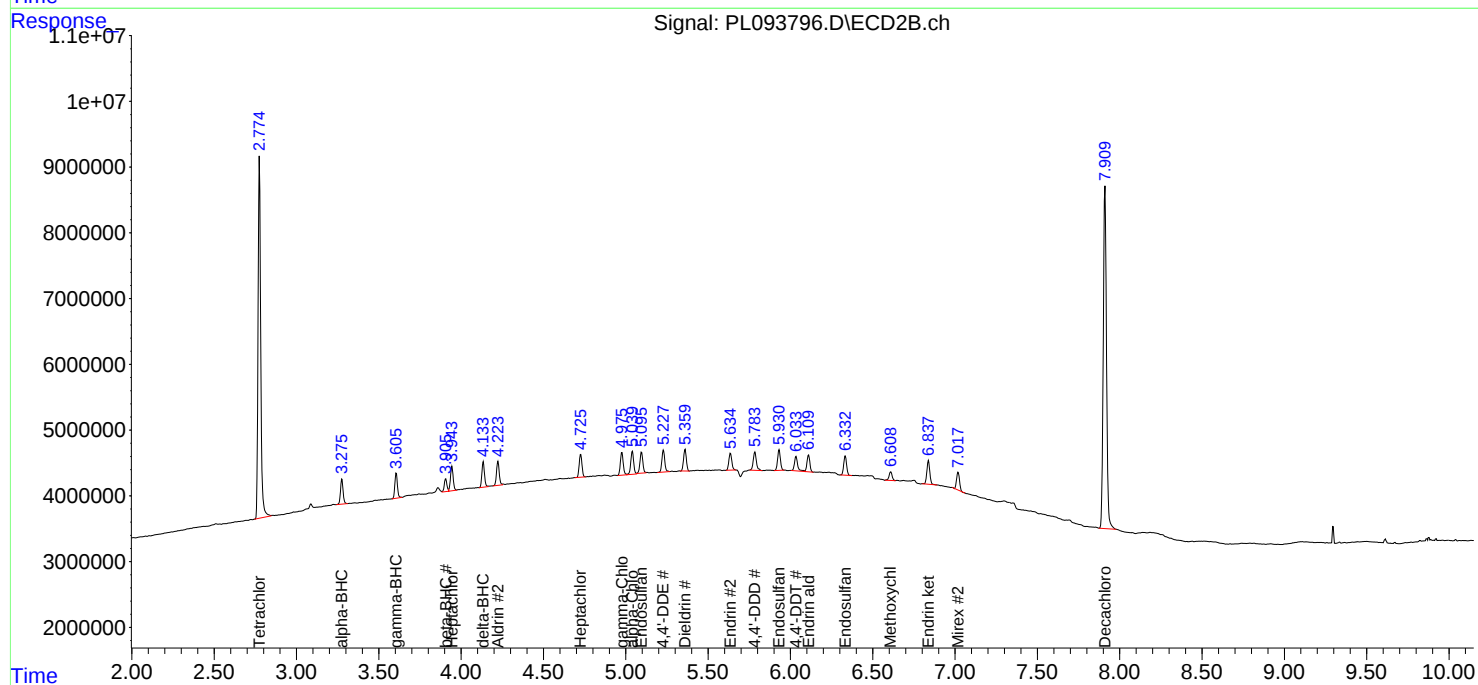
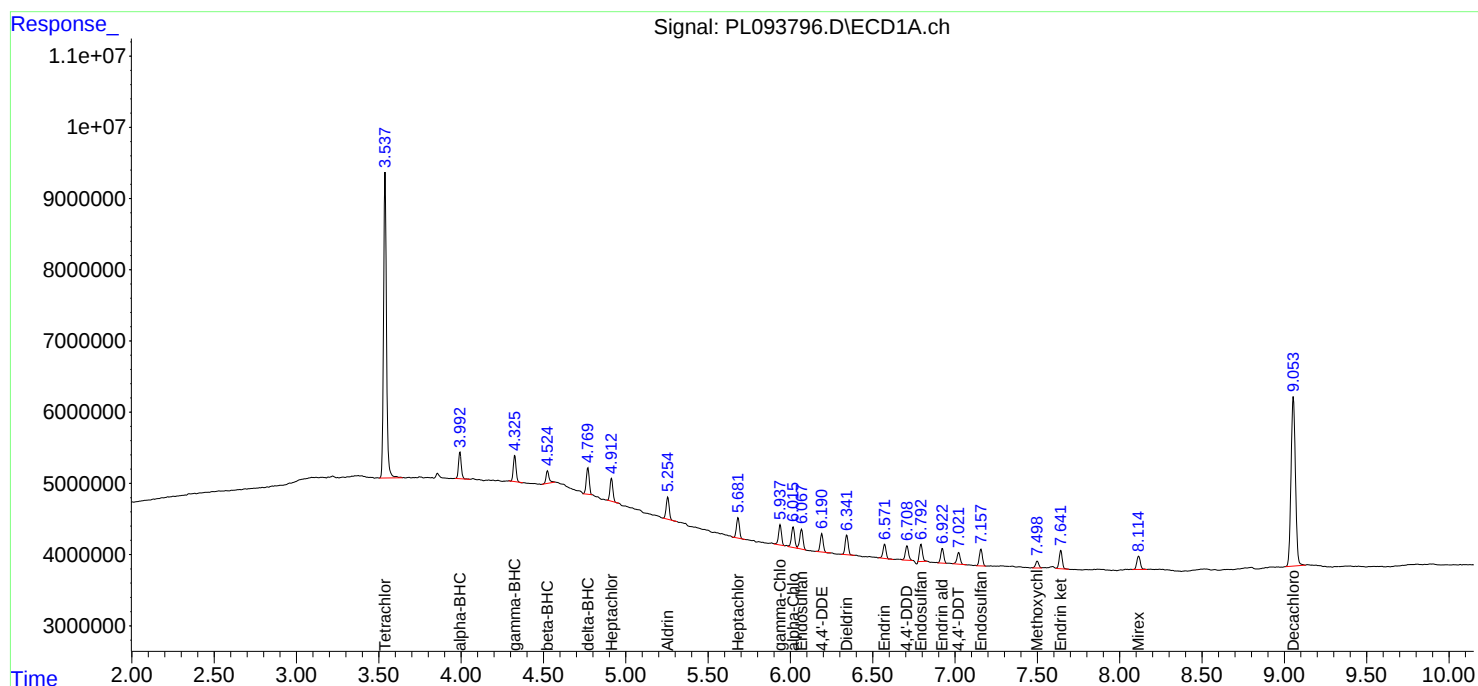
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

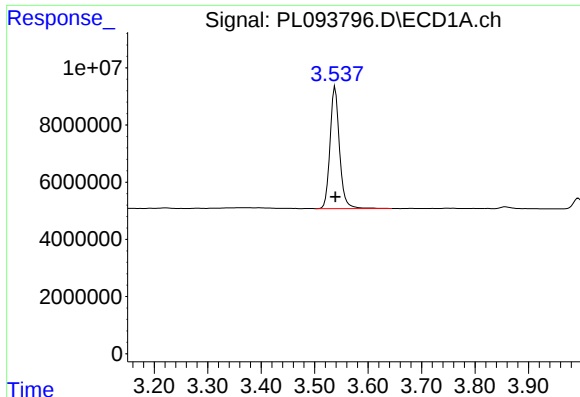
Manual Integrations
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Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:55:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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 x0.25µm





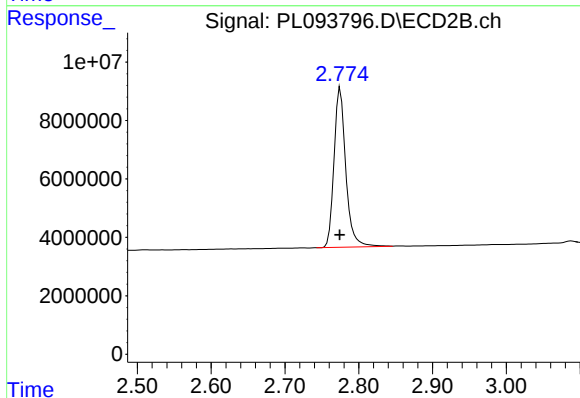
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 52732140
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

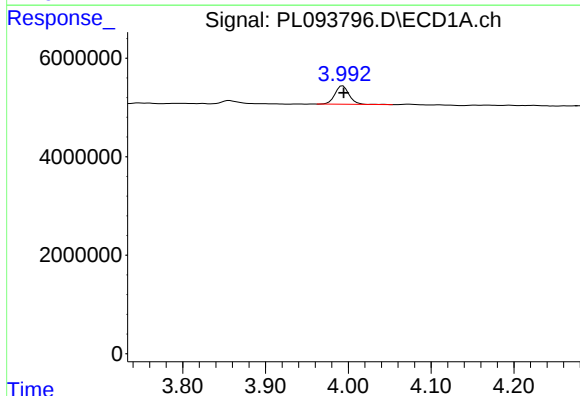
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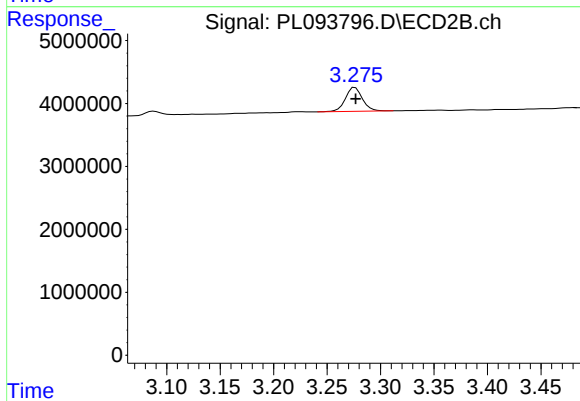
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 60722212
Conc: 18.60 ng/ml



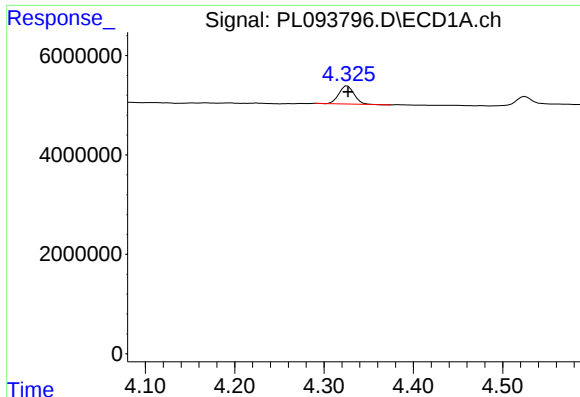
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 4457761
Conc: 1.16 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 4207456
Conc: 0.86 ng/ml



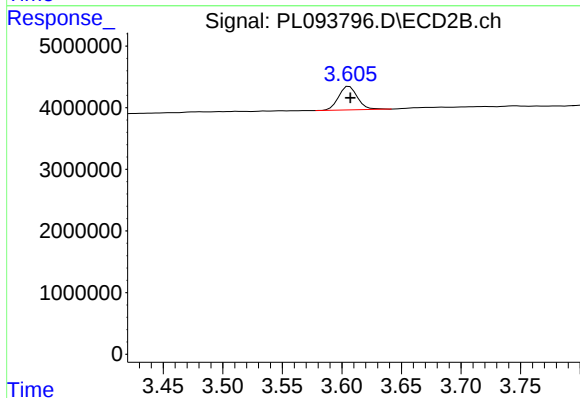
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 4196287
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

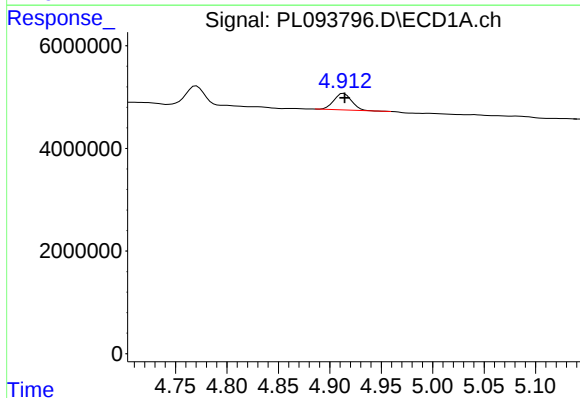
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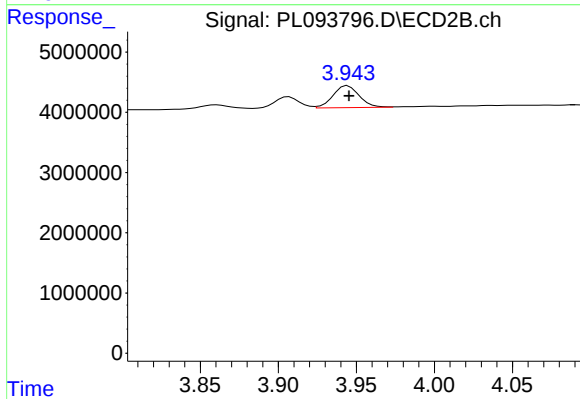
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 4198555
Conc: 0.89 ng/ml



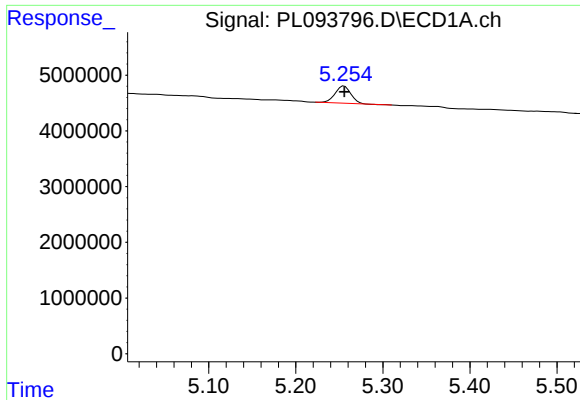
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 3825265
Conc: 1.17 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 4259733
Conc: 0.92 ng/ml



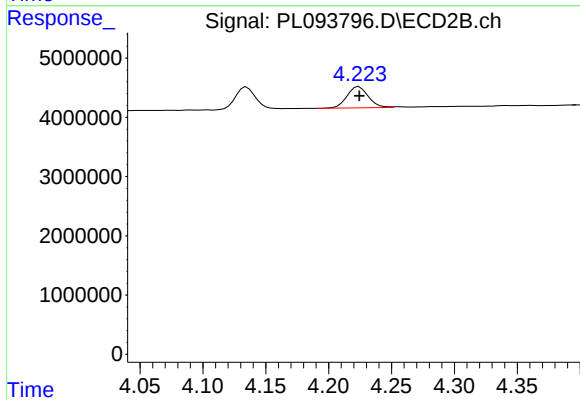
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 3840198
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

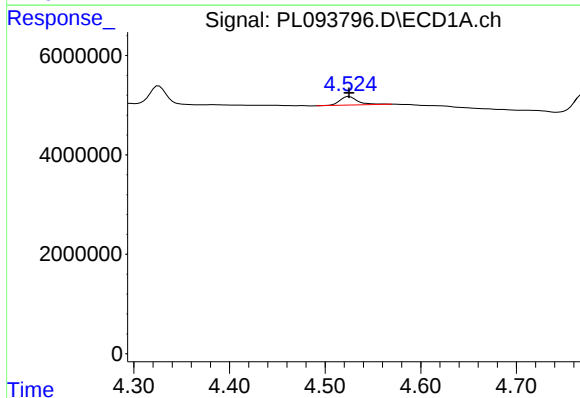
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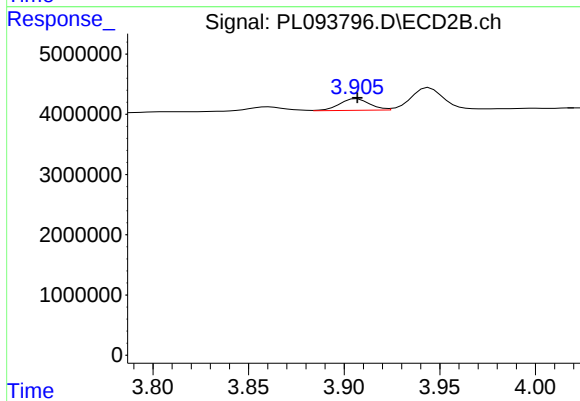
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 4232103
Conc: 0.93 ng/ml m



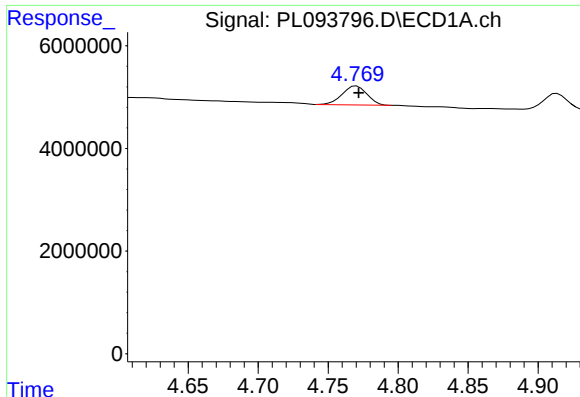
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 2320409
Conc: 1.44 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 2133095
Conc: 1.07 ng/ml



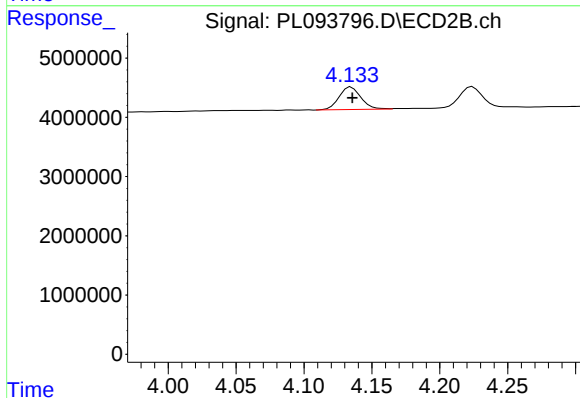
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 4592849
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

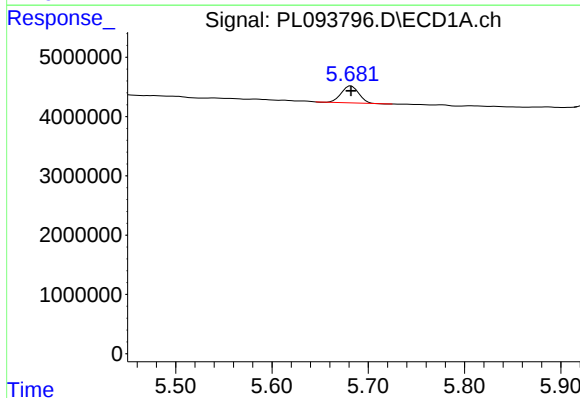
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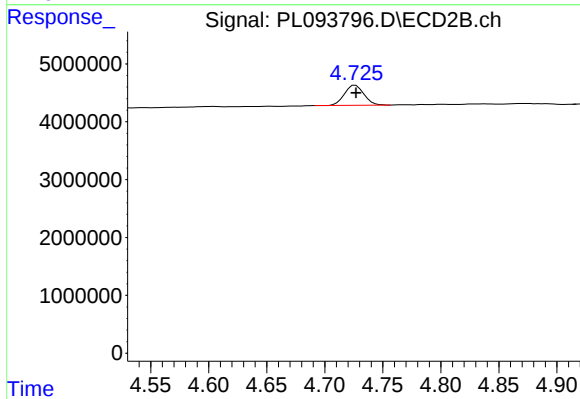
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 4273965
Conc: 0.90 ng/ml



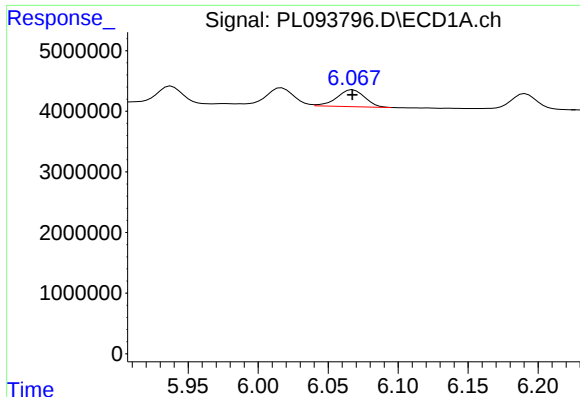
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 3513492
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 4045985
Conc: 0.97 ng/ml



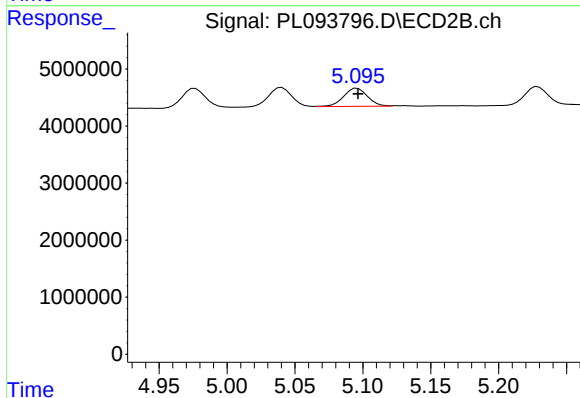
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 3807983
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

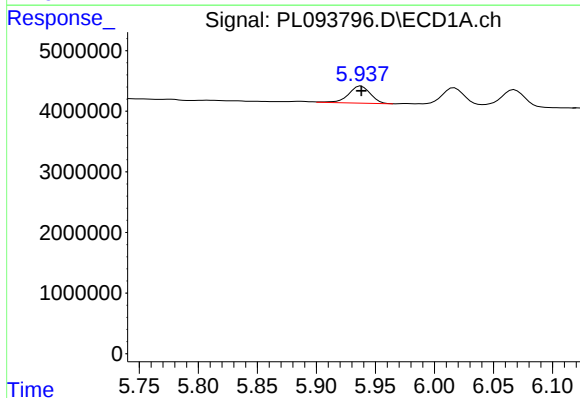
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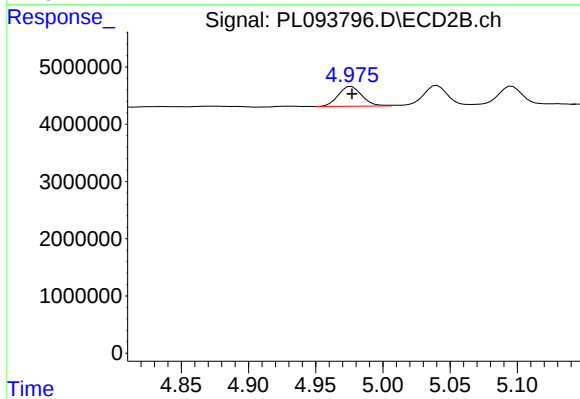
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 3894017
Conc: 1.00 ng/ml m



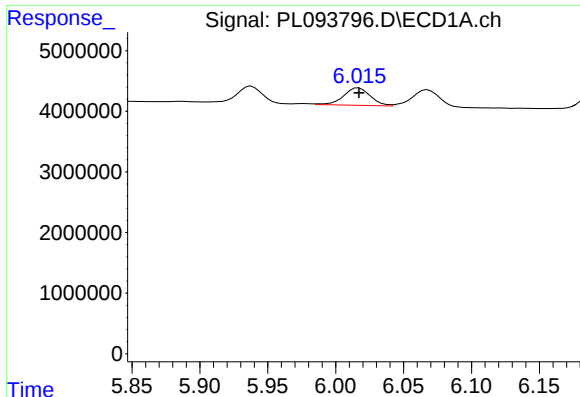
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 3593161
Conc: 1.29 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 4252023
Conc: 1.00 ng/ml



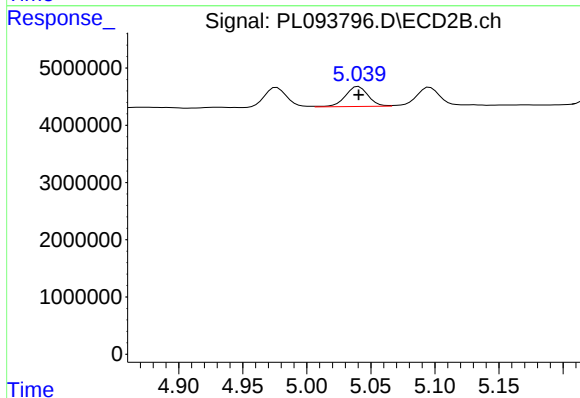
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 3953657
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

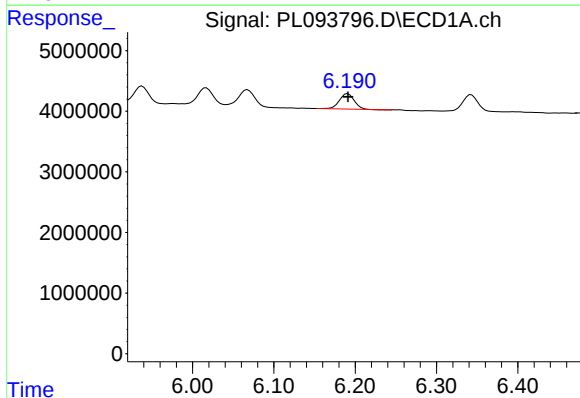
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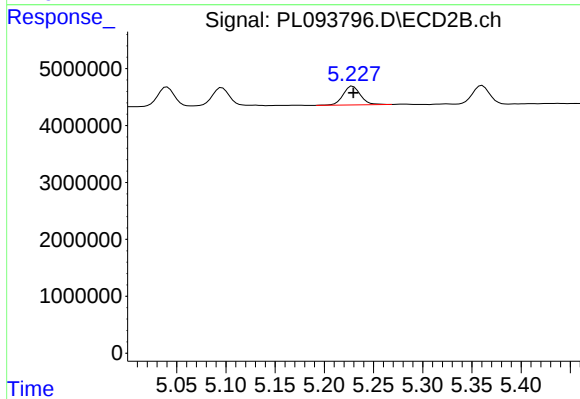
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 4357905
Conc: 1.04 ng/ml



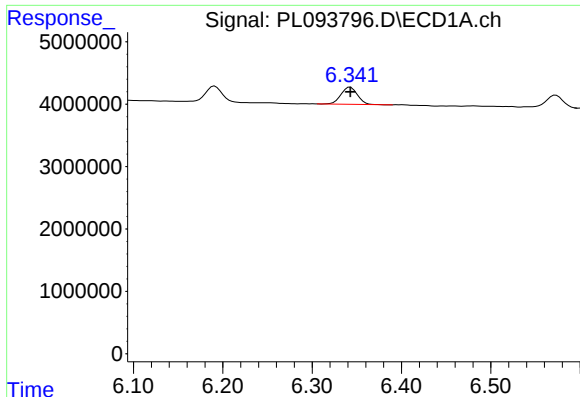
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 3160679
Conc: 1.30 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 4055689
Conc: 1.01 ng/ml



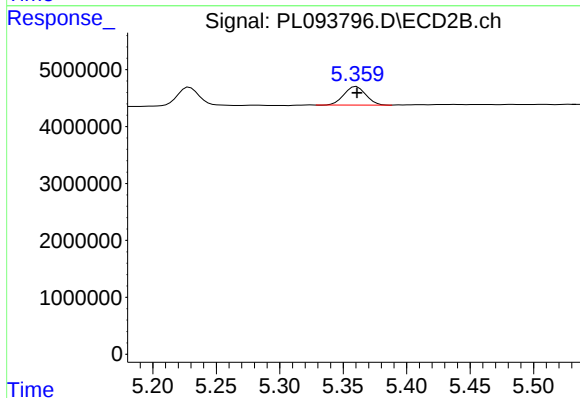
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 3483680
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

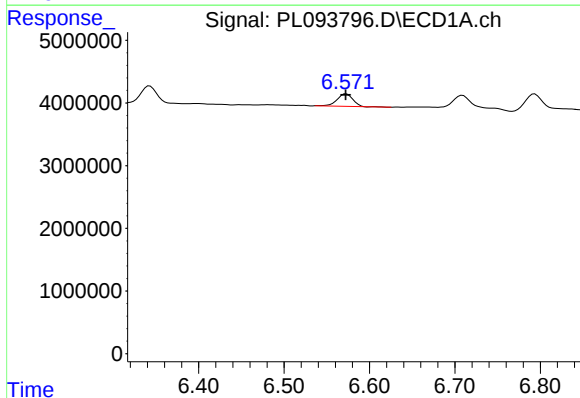
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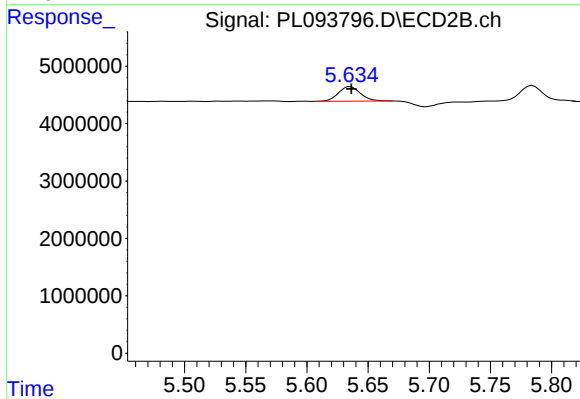
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 3869288
Conc: 0.90 ng/ml



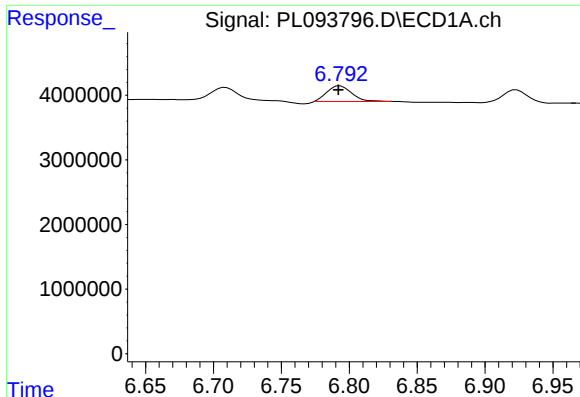
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 2592034
Conc: 1.11 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 3197092
Conc: 0.87 ng/ml m



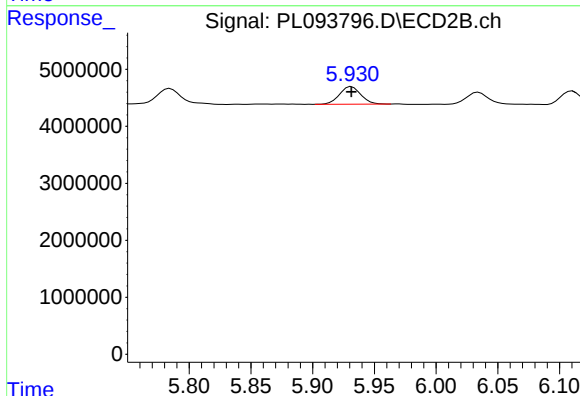
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 3046968
Conc: 1.26 ng/ml

Instrument :
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ClientSampleId :
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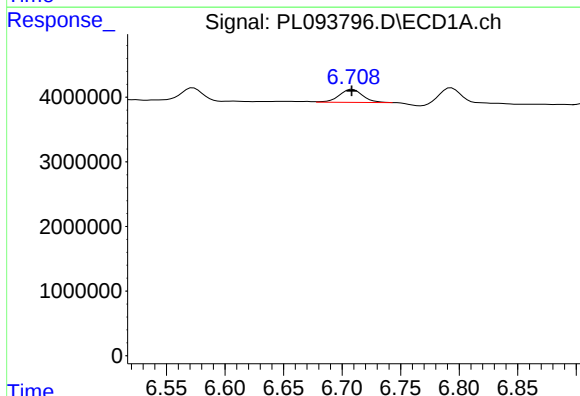
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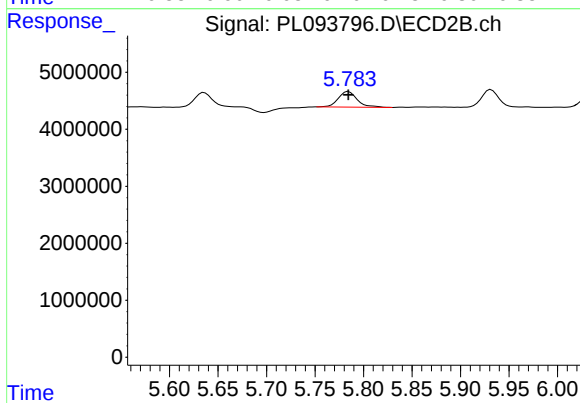
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 3720763
Conc: 1.00 ng/ml



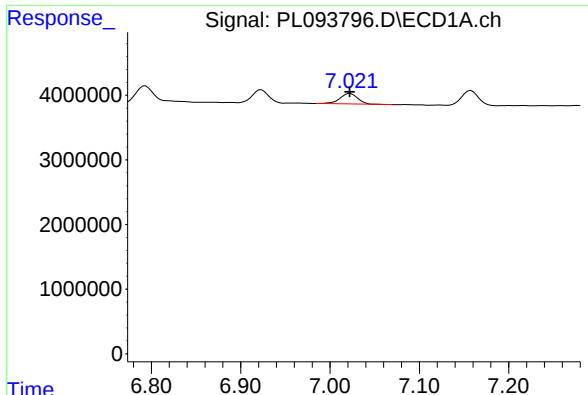
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 2772674
Conc: 1.46 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 3720089
Conc: 1.18 ng/ml



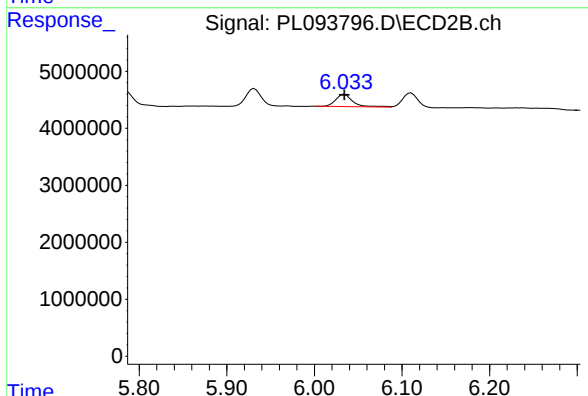
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 2234703
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

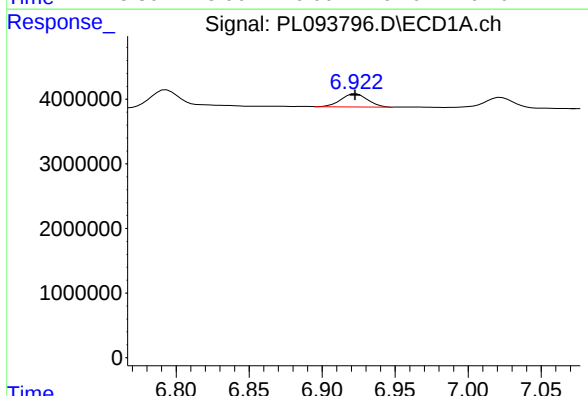
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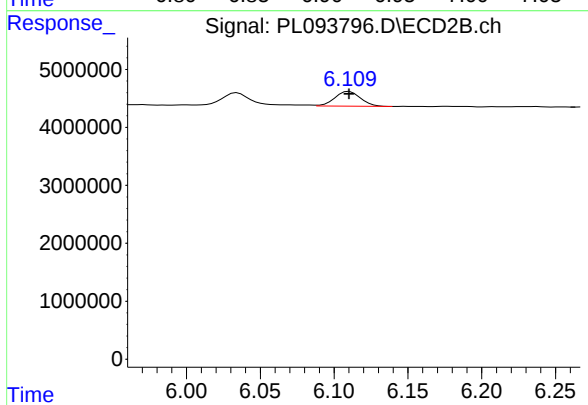
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 2978838
Conc: 0.92 ng/ml



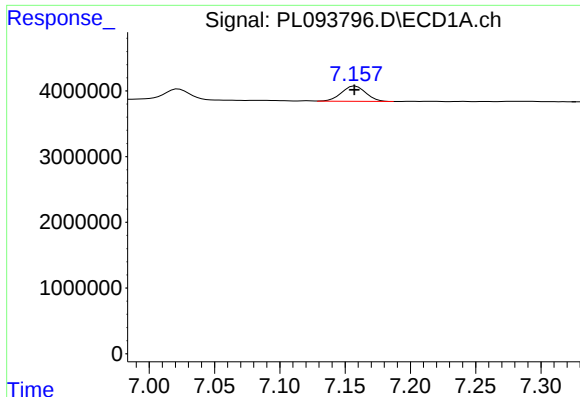
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 2571477
Conc: 1.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 3067486
Conc: 1.01 ng/ml



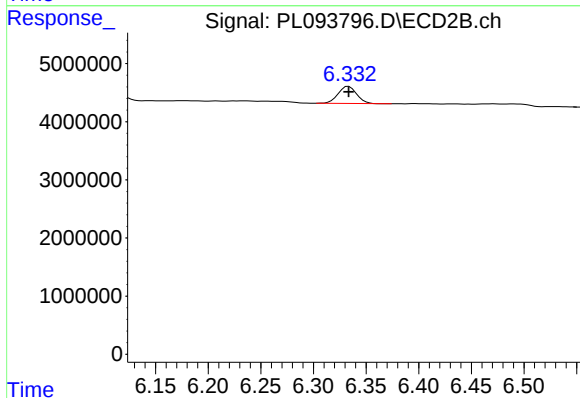
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 3023566
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

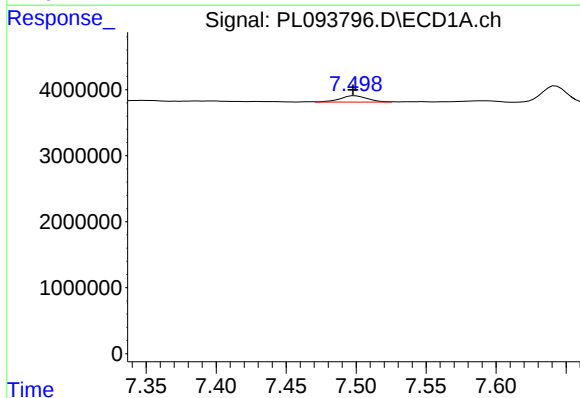
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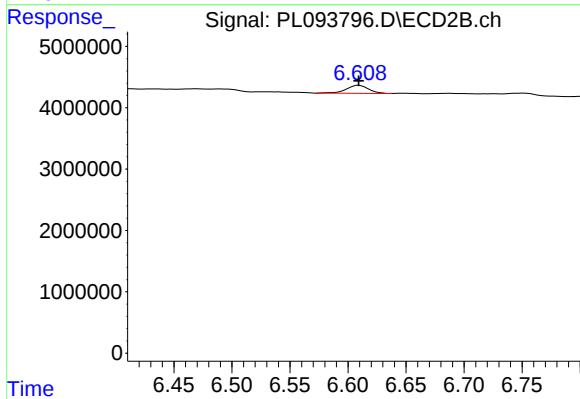
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 3614751
Conc: 1.01 ng/ml



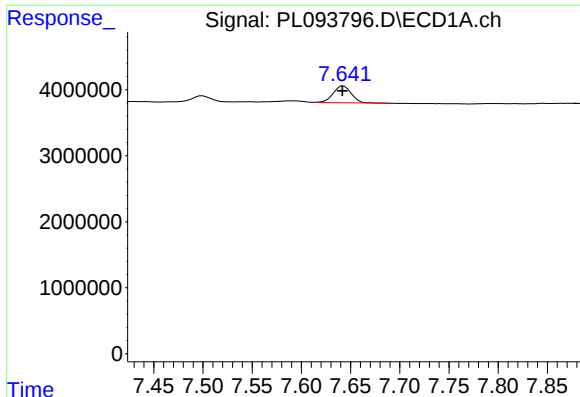
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 1312936
Conc: 1.26 ng/ml m



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 1740211
Conc: 0.97 ng/ml



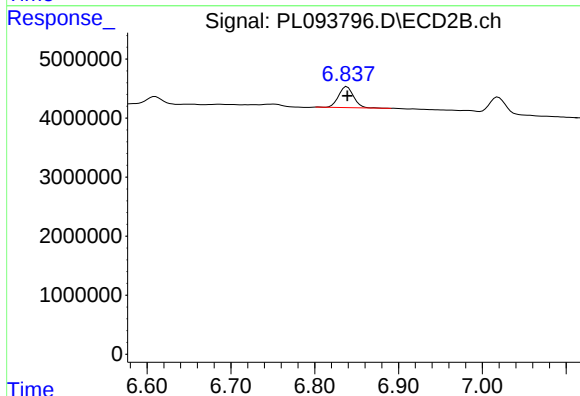
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 3302993
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

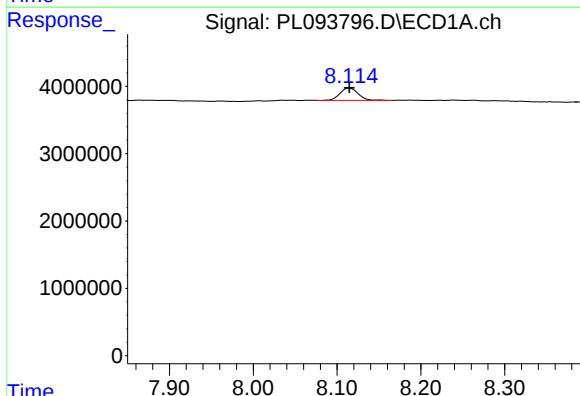
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/27/2025
Supervised By :Ankita Jodhani 01/27/2025



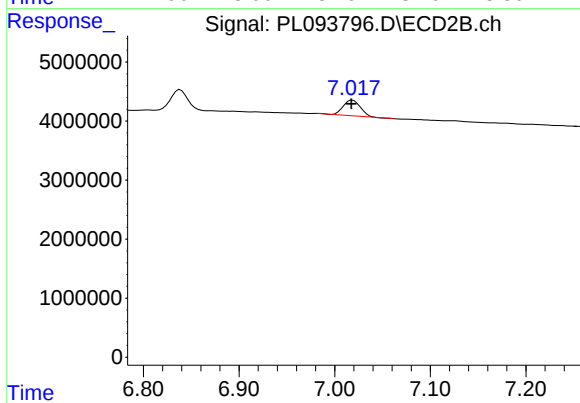
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 4408965
Conc: 1.05 ng/ml



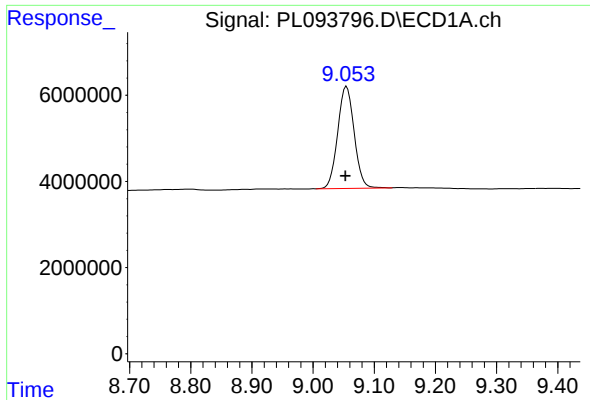
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 2741699
Conc: 1.32 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 3267489
Conc: 0.97 ng/ml



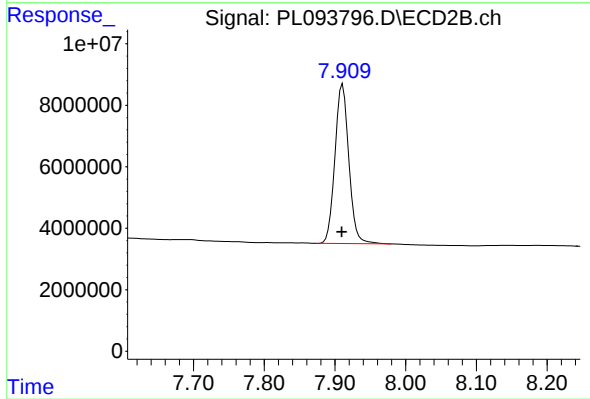
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 44250046
Conc: 21.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 70843505
Conc: 20.22 ng/ml