

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:49
 Operator : AR\AJ
 Sample : Q3530-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:58:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.871	72195326	918.1E6	20.786	23.299
28)	SA Decachlor...	9.058	8.054	115.7E6	1098.5E6	22.265	26.526
Target Compounds							
2)	A alpha-BHC	3.988	3.382	13633555	164.7E6	1.693	2.416 #
3)	MA gamma-BHC...	4.319	3.718	14225598	150.8E6	1.893	2.682 #
4)	MA Heptachlor	4.916	4.069	15143378	153.9E6	2.133	2.640
5)	MB Aldrin	5.257	4.355	14800845	154.7E6	2.127	2.668 #
6)	B beta-BHC	4.507	4.014	6476301	65895311	2.243	2.750
7)	B delta-BHC	4.756	4.250	18600892	150.4E6	3.109	2.512
8)	B Heptachlo...	5.678	4.858	15199001	139.2E6	2.454	2.752
9)	A Endosulfan I	6.061	5.232	13854564	140.6E6	2.268	2.869 #
10)	B gamma-Chl...	5.934	5.109	14108450	149.9E6	2.212	2.686m
11)	B alpha-Chl...	6.013	5.174	14833939	143.5E6	2.209m	2.680m
12)	B 4,4'-DDE	6.184	5.359	11854483	150.1E6	2.041	2.739 #
13)	MA Dieldrin	6.334	5.498	13672839	147.8E6	2.101	2.666 #
14)	MA Endrin	6.561	5.774	10990669	146.2E6	1.960	2.797 #
15)	B Endosulfa...	6.769	6.066	23533684	124.3E6	3.870	2.639 #
16)	A 4,4'-DDD	6.694	5.914	9460455	127.2E6	2.055	2.797 #
17)	MA 4,4'-DDT	7.009	6.168	10326750	109.4E6	2.003	2.308
18)	B Endrin al...	6.904	6.245	10241724	114.5E6	2.452	3.208 #
19)	B Endosulfa...	7.139	6.467	12080498	121.7E6	2.288	2.640
20)	A Methoxychlor	7.483	6.738	5587250	59252715	2.079	2.511
21)	B Endrin ke...	7.620	6.976	12710386	137.9E6	2.256	2.835 #
22)	Mirex	8.101	7.168	9683035	94113418	2.606	2.871

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:49
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 2.5PPB
ALS Vial : 17 Sample Multiplier: 1

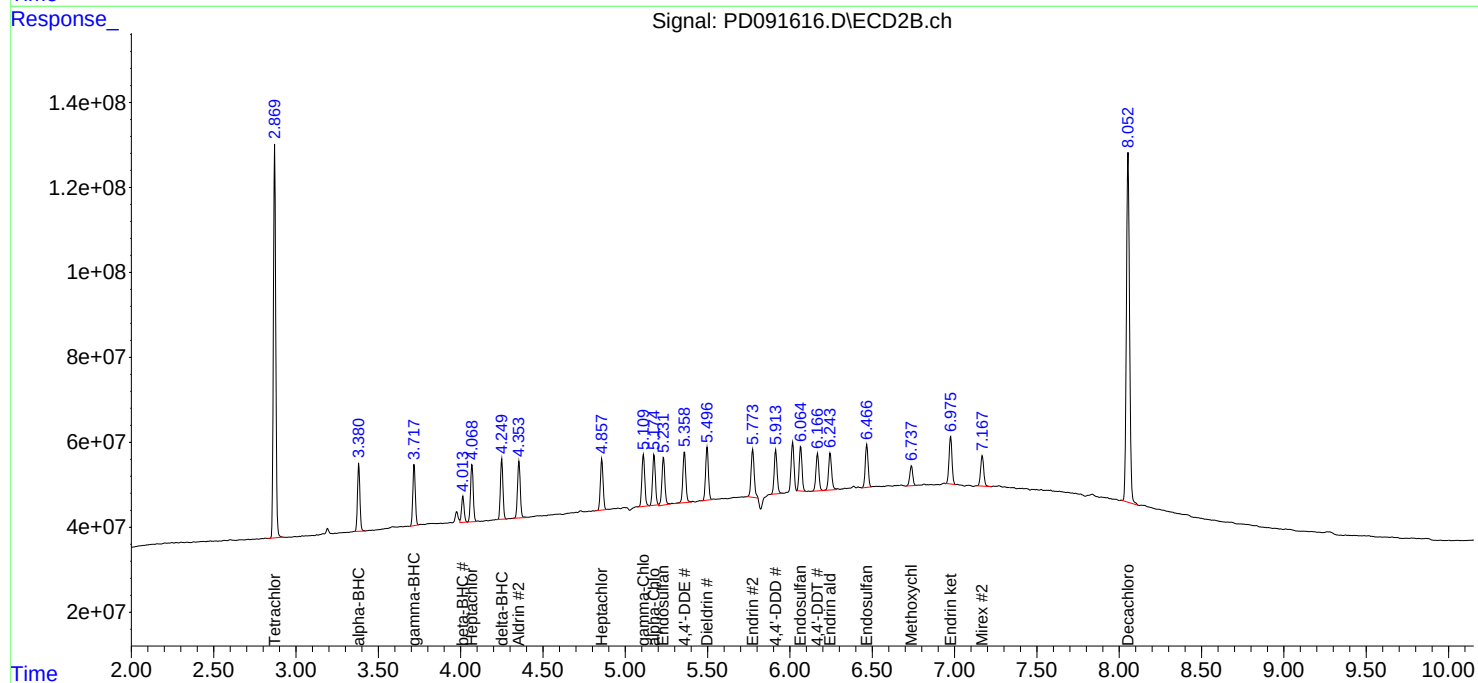
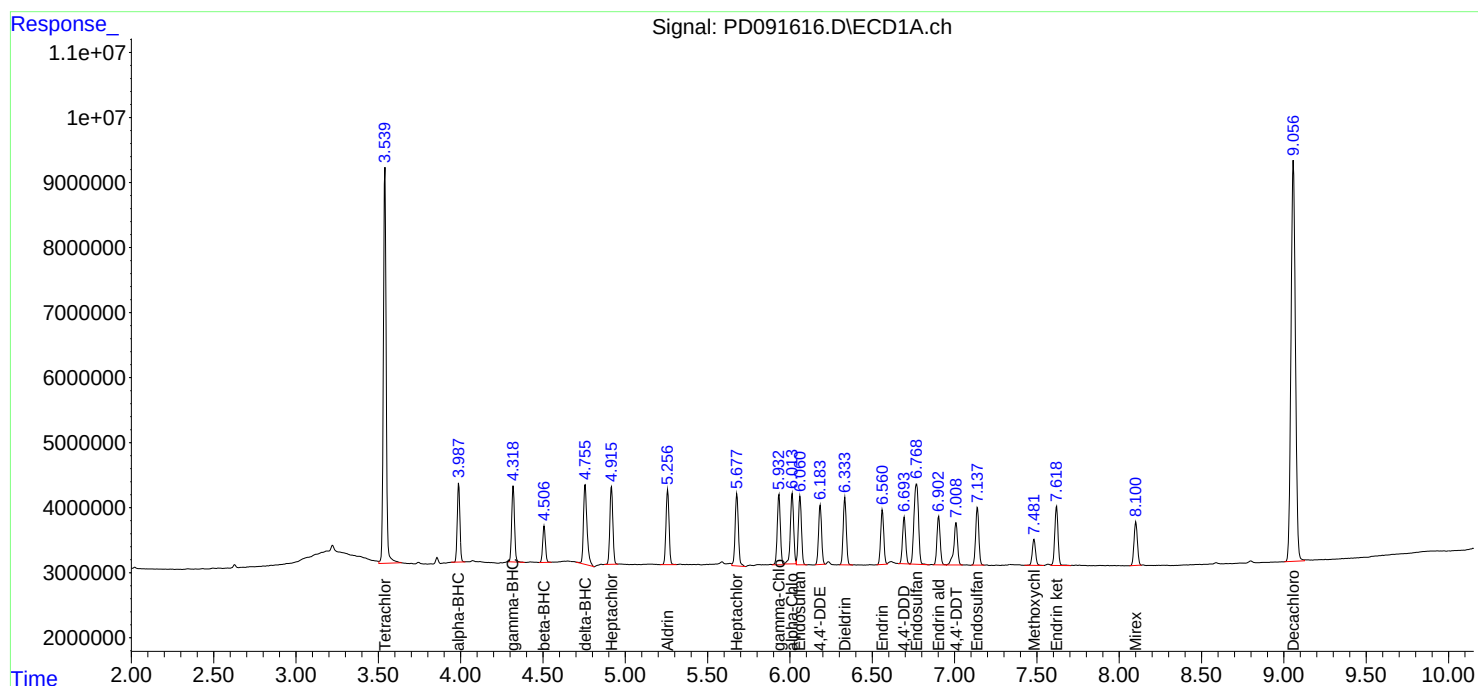
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

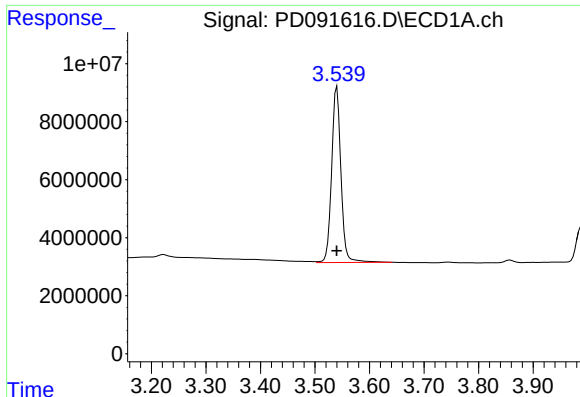
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/17/2025
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:58:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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 x 0.25µm





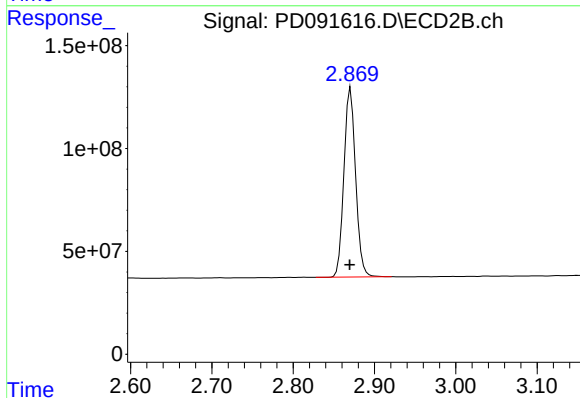
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72195326
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

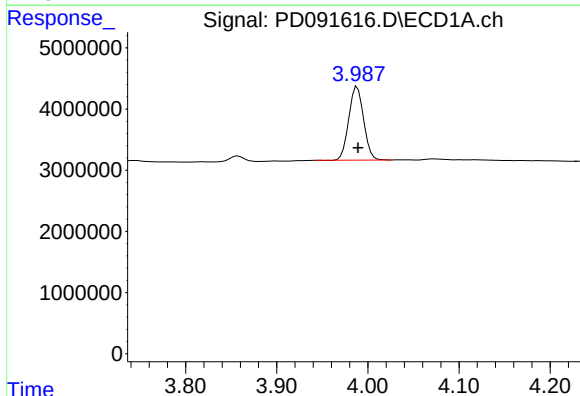
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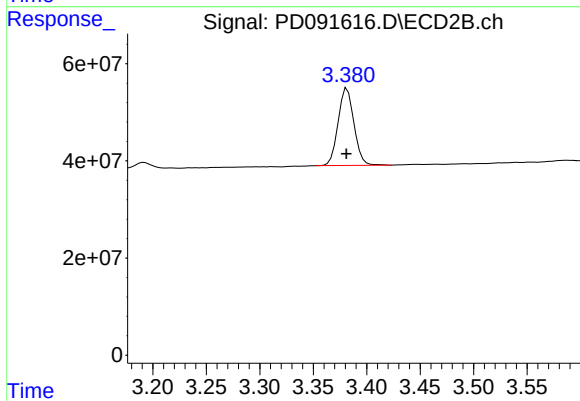
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 918067084
Conc: 23.30 ng/ml



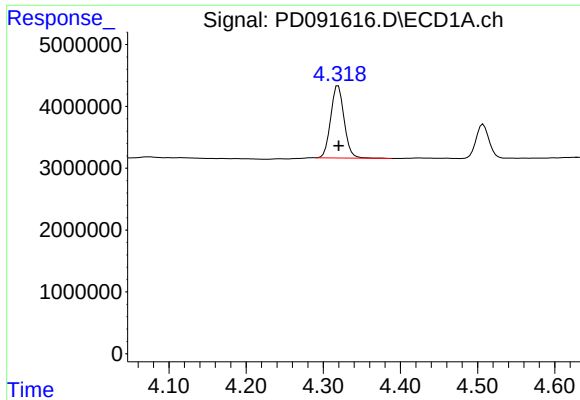
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 13633555
Conc: 1.69 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 164731326
Conc: 2.42 ng/ml



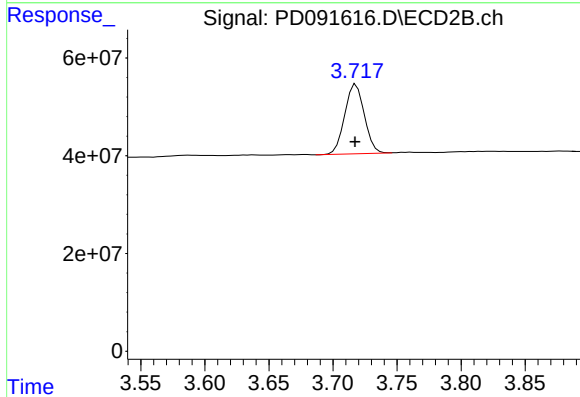
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 14225598
Conc: 1.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

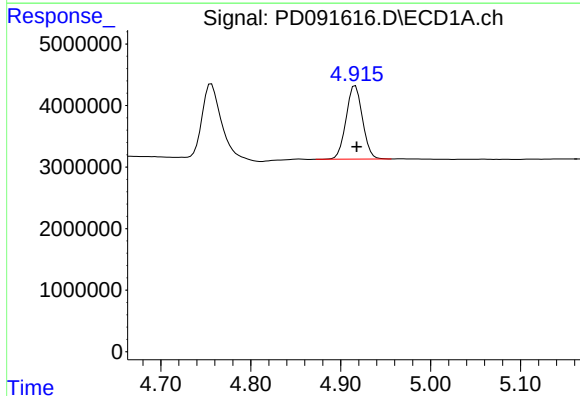
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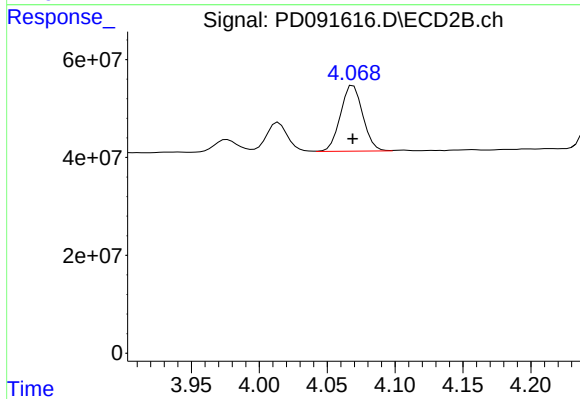
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 150780958
Conc: 2.68 ng/ml



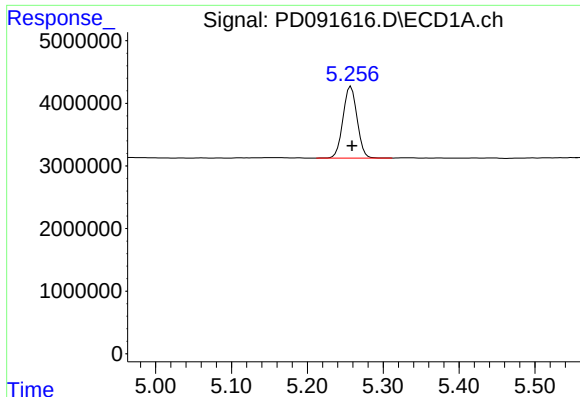
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 15143378
Conc: 2.13 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 153869432
Conc: 2.64 ng/ml



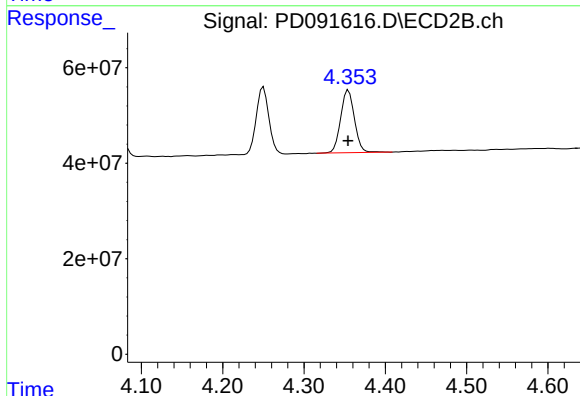
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 14800845
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

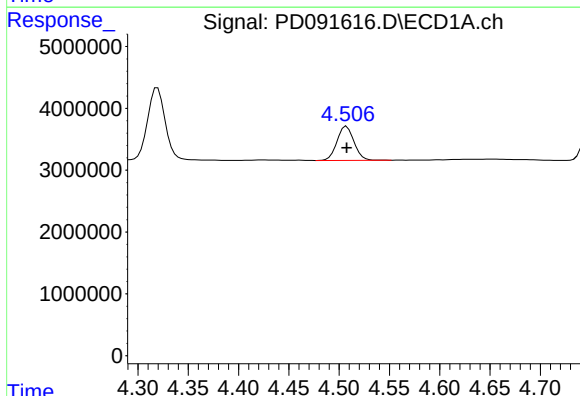
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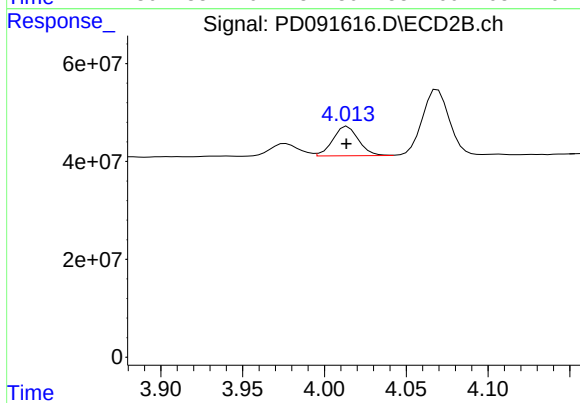
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 154711887
Conc: 2.67 ng/ml



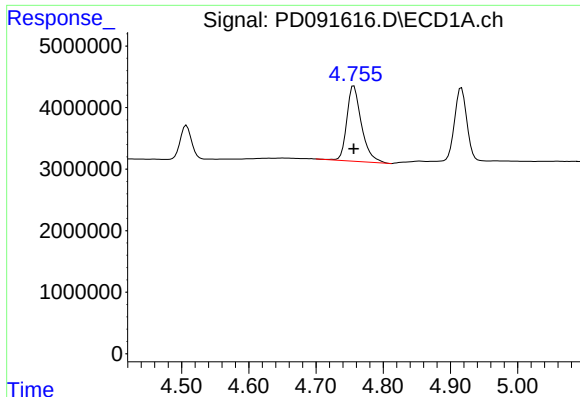
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 6476301
Conc: 2.24 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 65895311
Conc: 2.75 ng/ml



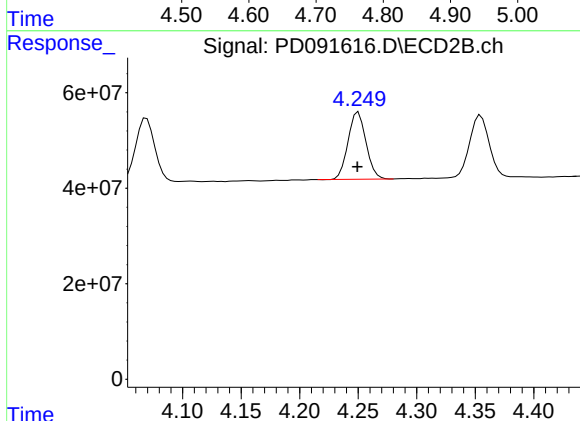
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 18600892
Conc: 3.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

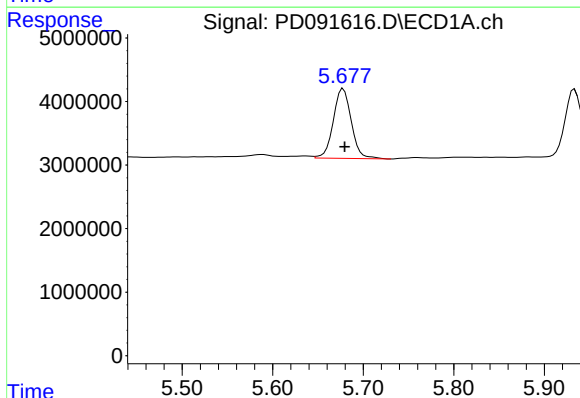
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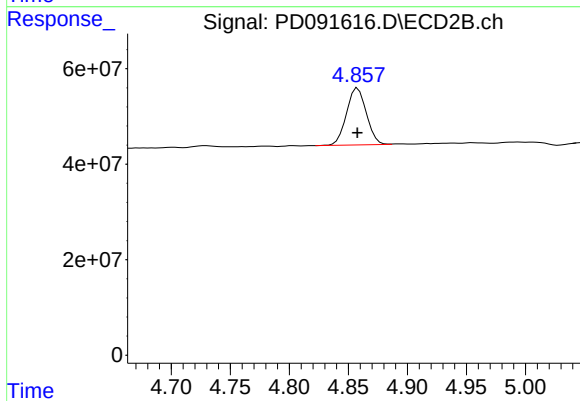
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 150425491
Conc: 2.51 ng/ml



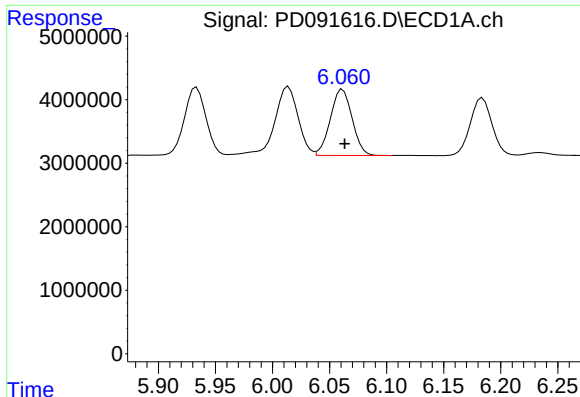
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 15199001
Conc: 2.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 139237293
Conc: 2.75 ng/ml



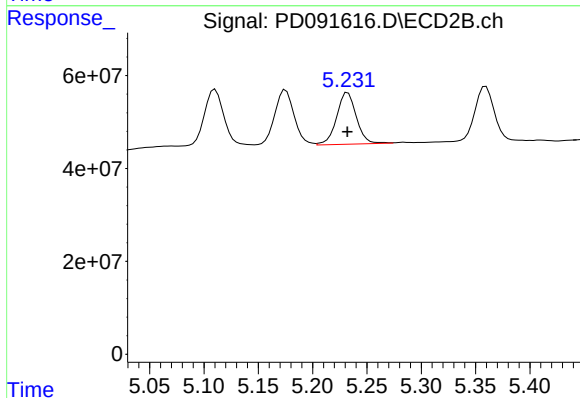
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 13854564
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

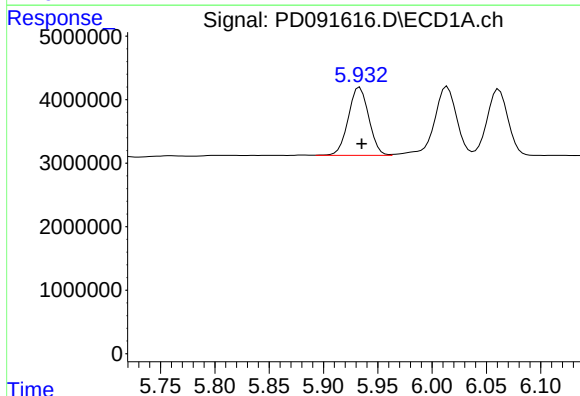
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Reviewed By :Abdul Mirza 12/17/2025
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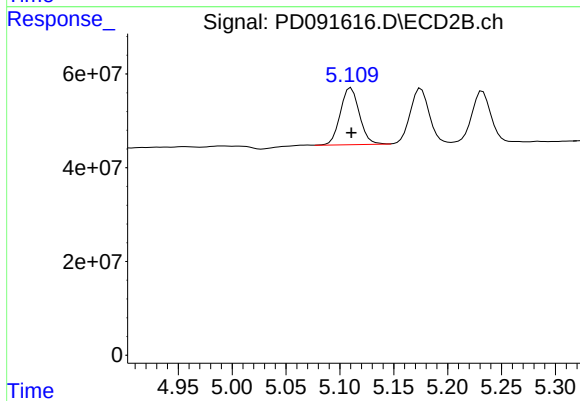
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 140552734
Conc: 2.87 ng/ml



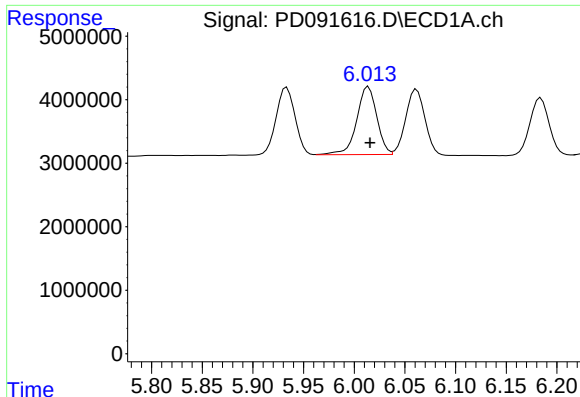
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 14108450
Conc: 2.21 ng/ml



#10 gamma-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 149925468
Conc: 2.69 ng/ml m



#11 alpha-Chlordane

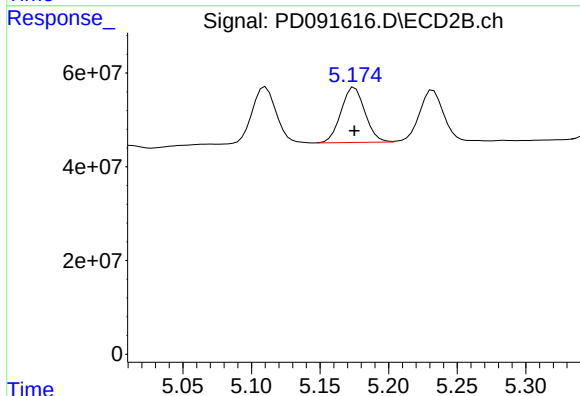
R.T.: 6.013 min
Delta R.T.: -0.003 min
Response: 14833939
Conc: 2.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
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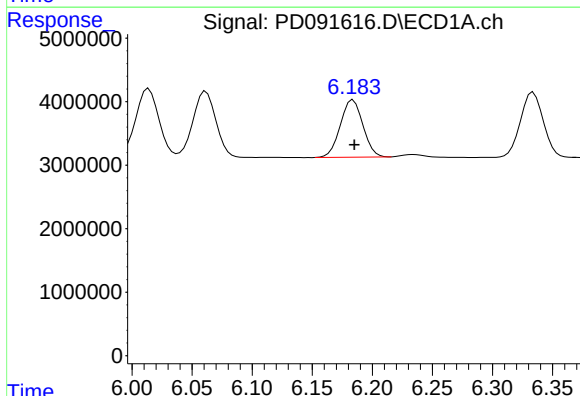
Reviewed By :Abdul
Mirza
12/17/2025

Supervised By :Yogesh
Patel
12/17/2025



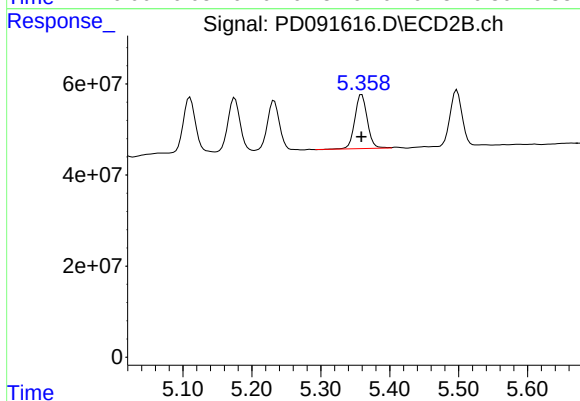
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 143512817
Conc: 2.68 ng/ml m



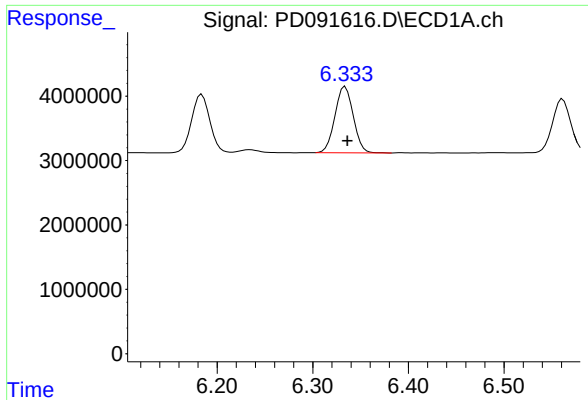
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: -0.001 min
Response: 11854483
Conc: 2.04 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 150095062
Conc: 2.74 ng/ml



#13 Dieldrin

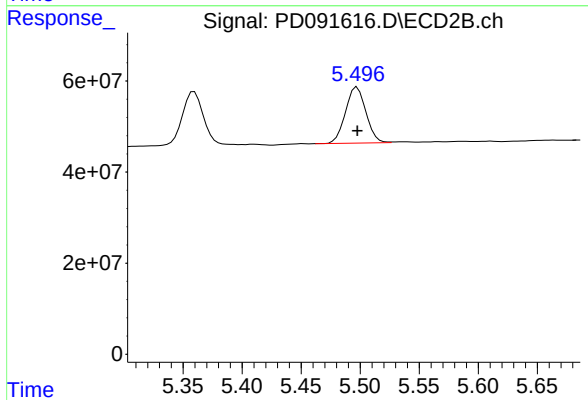
R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 13672839
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
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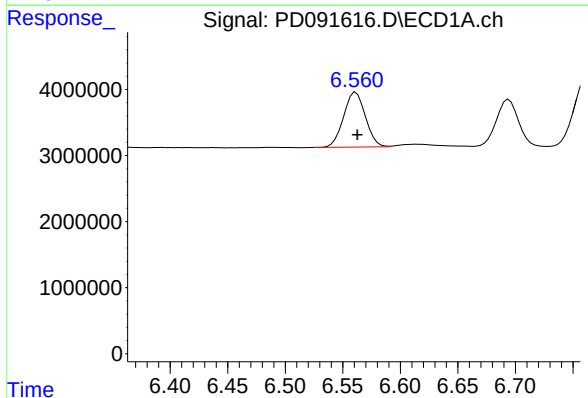
Reviewed By :Abdul
Mirza
12/17/2025

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Patel
12/17/2025



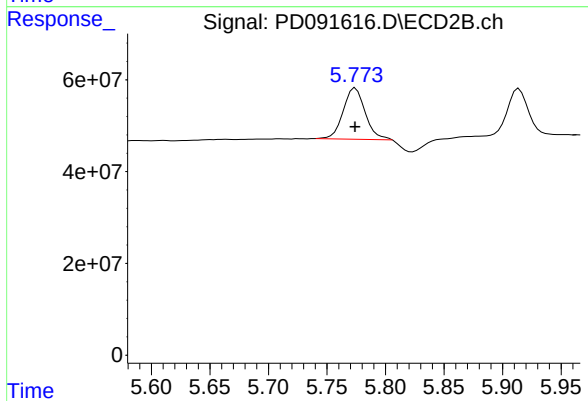
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 147849807
Conc: 2.67 ng/ml



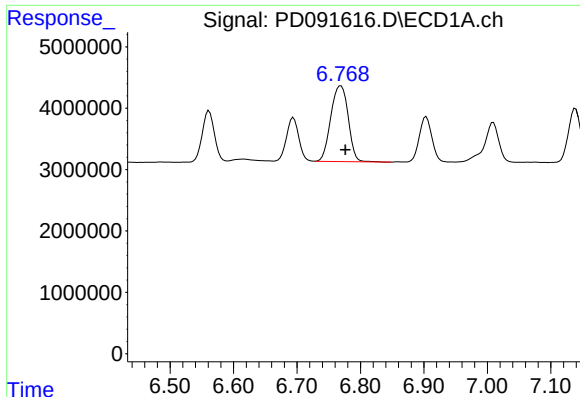
#14 Endrin

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 10990669
Conc: 1.96 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 146200520
Conc: 2.80 ng/ml



#15 Endosulfan II

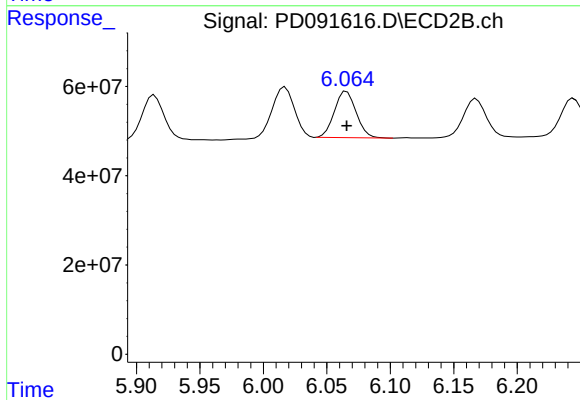
R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 23533684
Conc: 3.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
APPROVED

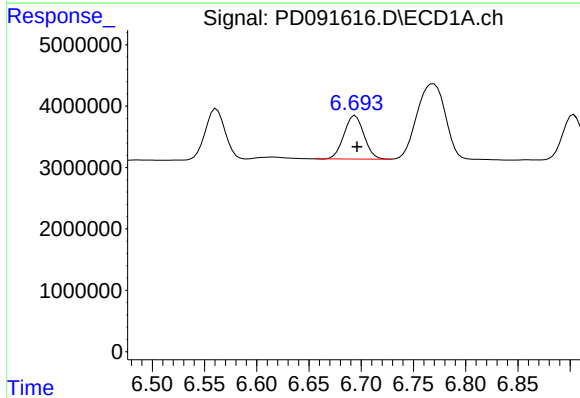
Reviewed By :Abdul
Mirza
12/17/2025

Supervised By :Yogesh
Patel
12/17/2025



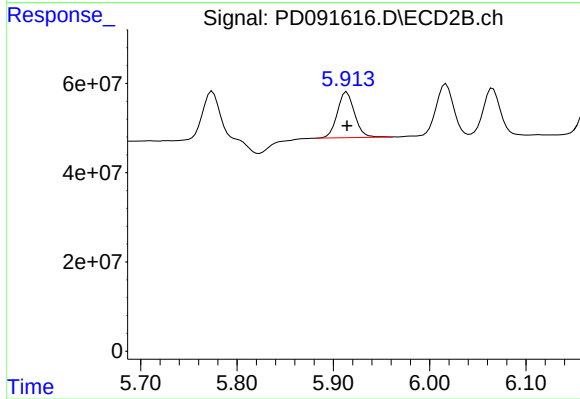
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 124339025
Conc: 2.64 ng/ml



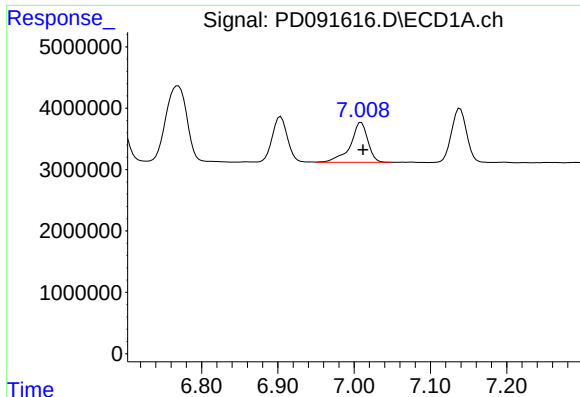
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 9460455
Conc: 2.06 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 127246721
Conc: 2.80 ng/ml



#17 4,4'-DDT

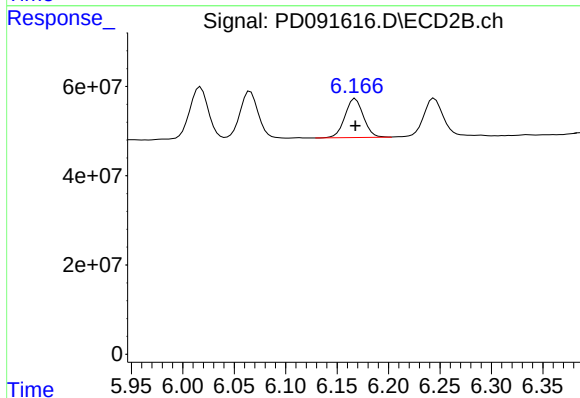
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 10326750
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
APPROVED

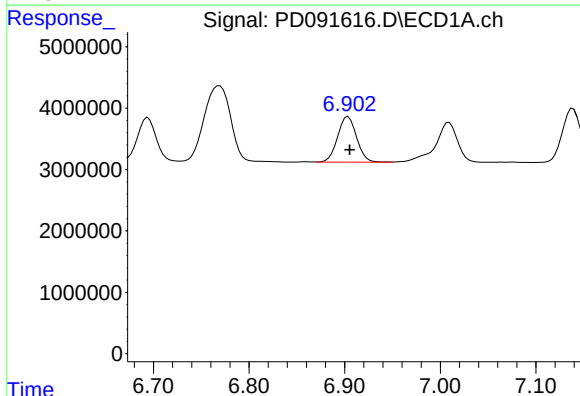
Reviewed By :Abdul
Mirza
12/17/2025

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Patel
12/17/2025



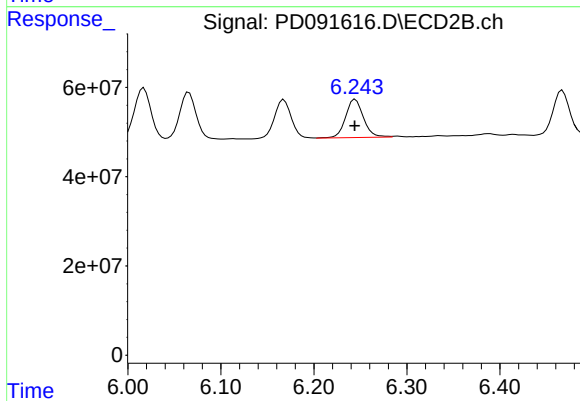
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 109386061
Conc: 2.31 ng/ml



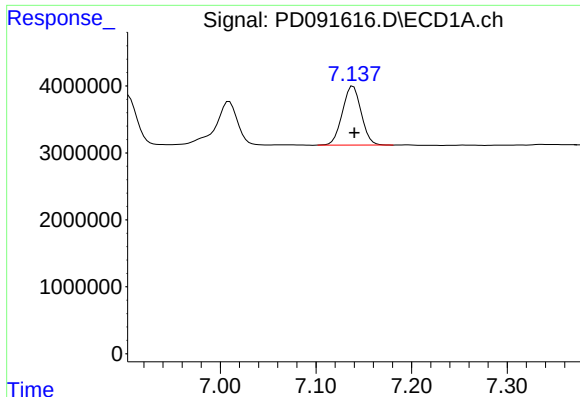
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 10241724
Conc: 2.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 114513173
Conc: 3.21 ng/ml



#19 Endosulfan Sulfate

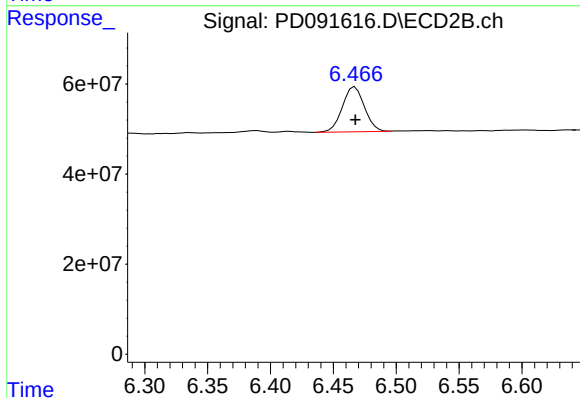
R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 12080498
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
APPROVED

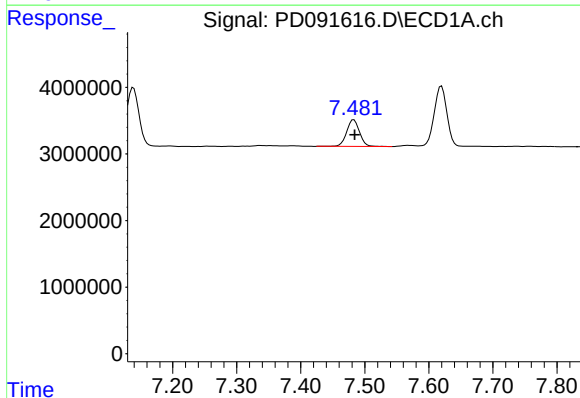
Reviewed By :Abdul
Mirza
12/17/2025

Supervised By :Yogesh
Patel
12/17/2025



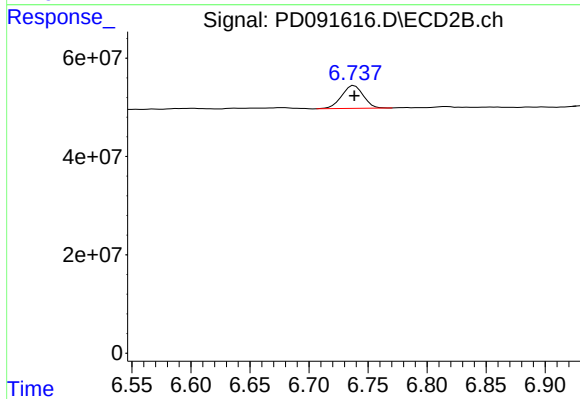
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 121671597
Conc: 2.64 ng/ml



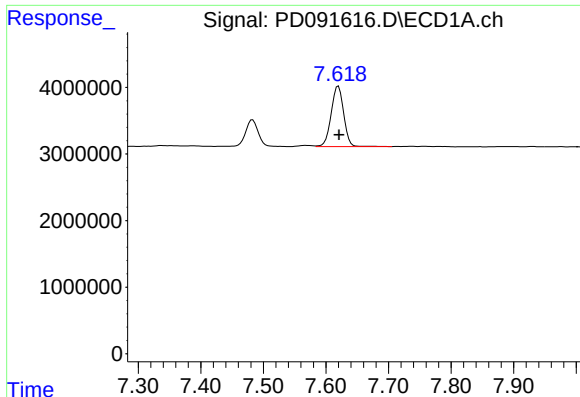
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 5587250
Conc: 2.08 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 59252715
Conc: 2.51 ng/ml



#21 Endrin ketone

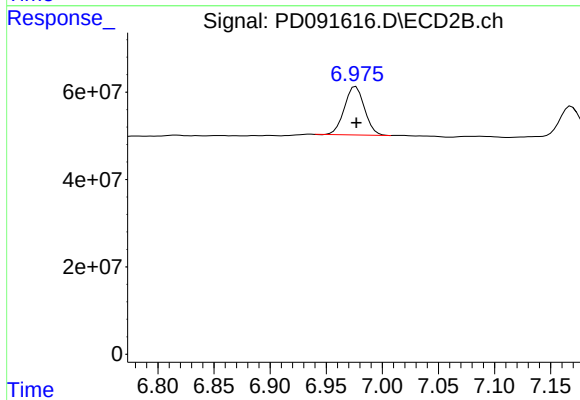
R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 12710386
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
APPROVED

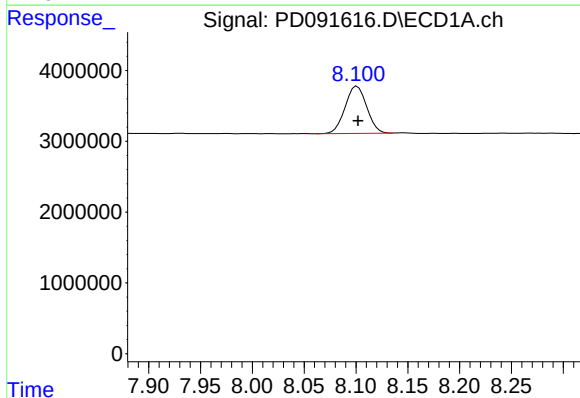
Reviewed By :Abdul
Mirza
12/17/2025

Supervised By :Yogesh
Patel
12/17/2025



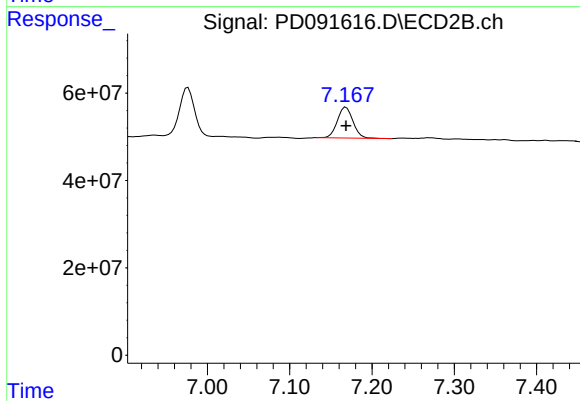
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 137910656
Conc: 2.84 ng/ml



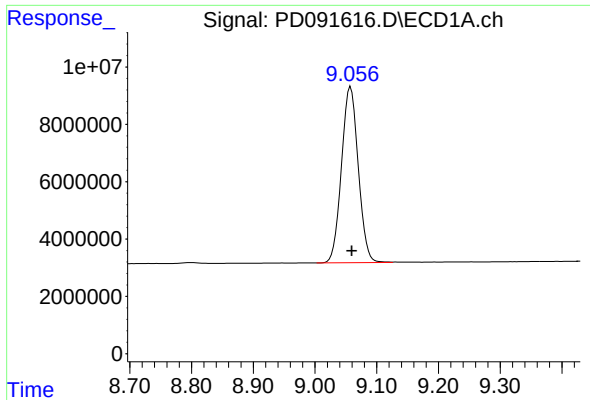
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 9683035
Conc: 2.61 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 94113418
Conc: 2.87 ng/ml



#28 Decachlorobiphenyl

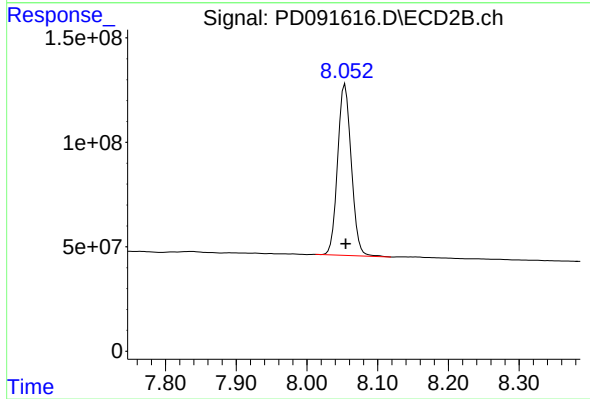
R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 115734735
Conc: 22.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza
12/17/2025

Supervised By :Yogesh
Patel
12/17/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 1098467202
Conc: 26.53 ng/ml