

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 13:36
 Operator : AR\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:03:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.556	2.878	49649554	414.8E6	16.917	18.810
28)	SA Decachlor...	9.079	8.068	80107697	499.7E6	18.561	19.305
Target Compounds							
2)	A alpha-BHC	4.005	3.390	12847226	103.2E6	2.140	3.040 #
3)	MA gamma-BHC...	4.334	3.726	12647354	90010660	2.208m	2.888 #
4)	MA Heptachlor	4.934	4.079	13430485	88563401	2.394	2.839
5)	MB Aldrin	5.274	4.364	13200944	87423880	2.438m	2.871
6)	B beta-BHC	4.522	4.022	6576167	39401658	2.932	2.956
7)	B delta-BHC	4.769	4.258	13514971	90261808	2.610m	2.861
8)	B Heptachlo...	5.694	4.868	12609798	85524936	2.570m	3.088
9)	A Endosulfan I	6.079	5.243	12117531	77912301	2.626	2.971
10)	B gamma-Chl...	5.951	5.121	12595909	89312235	2.575	3.016
11)	B alpha-Chl...	6.032	5.186	12794023	84805522	2.599	2.972
12)	B 4,4'-DDE	6.201	5.371	10520475	84872747	2.397	2.945
13)	MA Dieldrin	6.351	5.508	12149849	86283667	2.482	2.946
14)	MA Endrin	6.579	5.785	9315595	78362195	2.248	2.942 #
15)	B Endosulfa...	6.791	6.075	11468501	74597165	2.718	2.949m
16)	A 4,4'-DDD	6.709	5.925	8673641	75540690	2.507m	3.142 #
17)	MA 4,4'-DDT	7.026	6.179	7860166	58306821	2.063	2.326
18)	B Endrin al...	6.921	6.255	8631163	56679710	3.010	3.292
19)	B Endosulfa...	7.155	6.478	10433654	73245341	2.663	3.004
20)	A Methoxychlor	7.500	6.750	4526262	31828066	2.257	2.468
21)	B Endrin ke...	7.635	6.987	11136360	82617276	2.687m	3.101
22)	Mirex	8.119	7.181	8346607	59259639	2.646	2.869

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 13:36
Operator : AR\AJ
Sample : Q2893-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

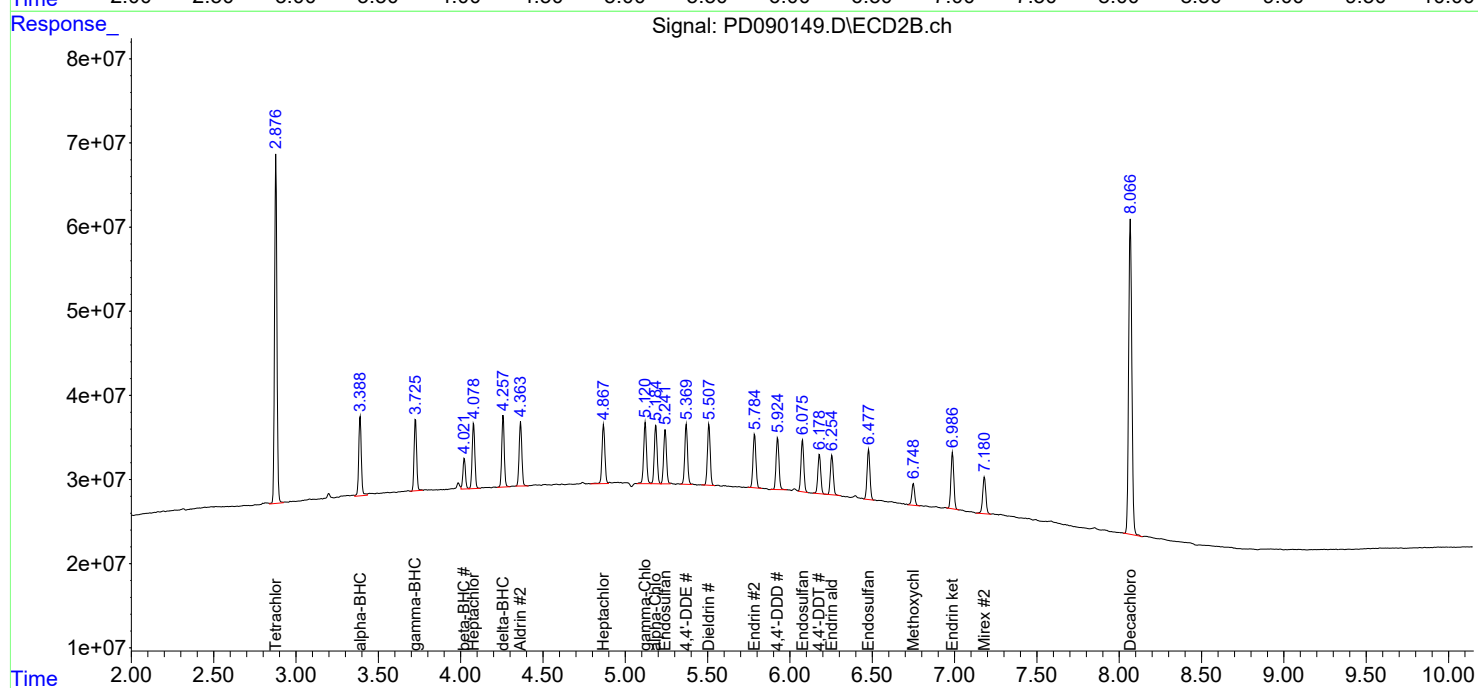
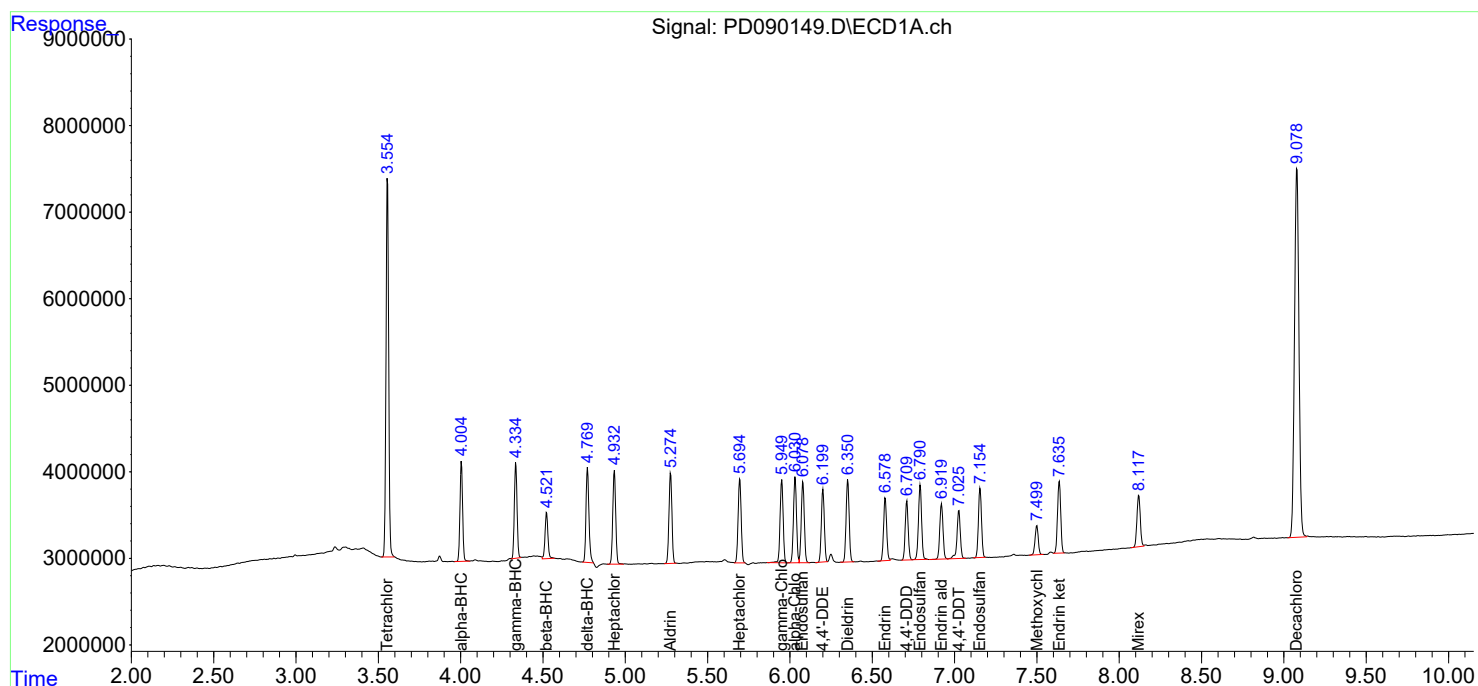
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

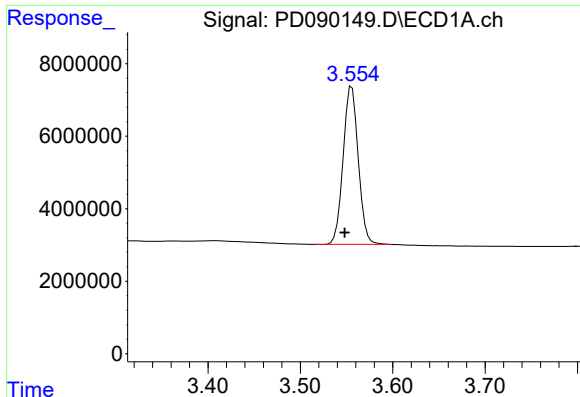
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Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:03:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





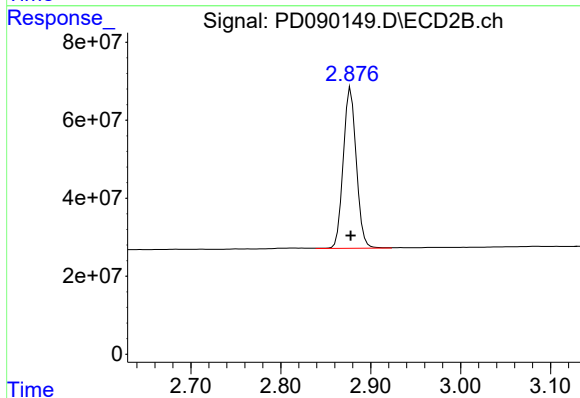
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.008 min
Response: 49649554
Conc: 16.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

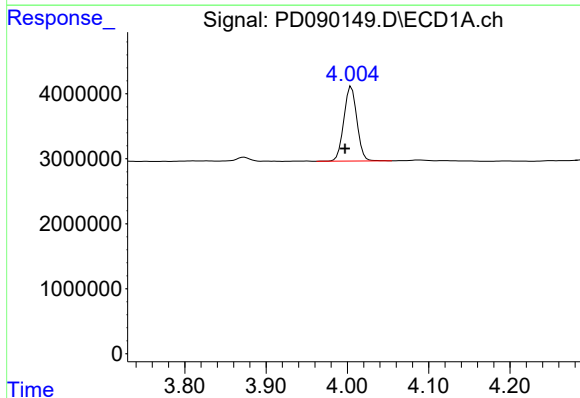
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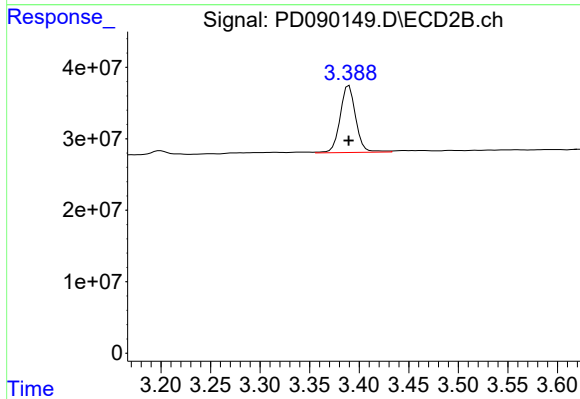
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 414763419
Conc: 18.81 ng/ml



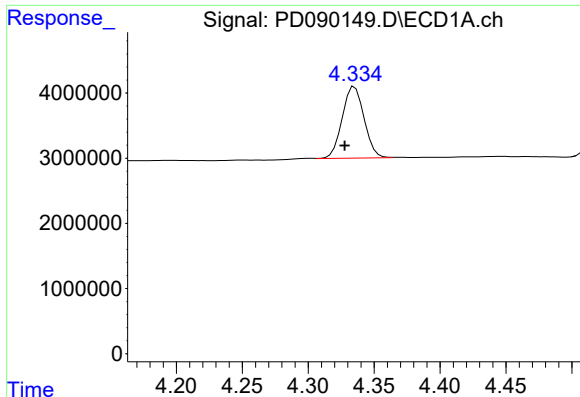
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.008 min
Response: 12847226
Conc: 2.14 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 103176124
Conc: 3.04 ng/ml



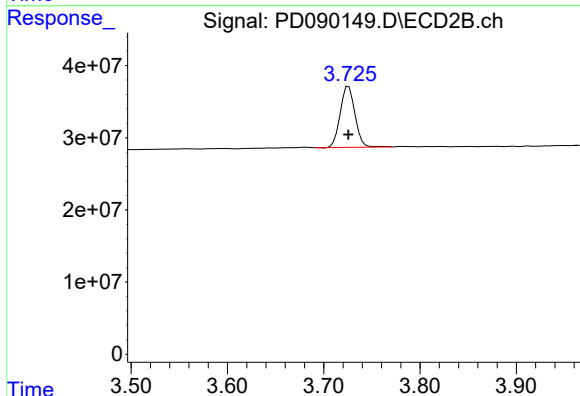
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.006 min
Response: 12647354
Conc: 2.21 ng/ml

Instrument :
ECD_D
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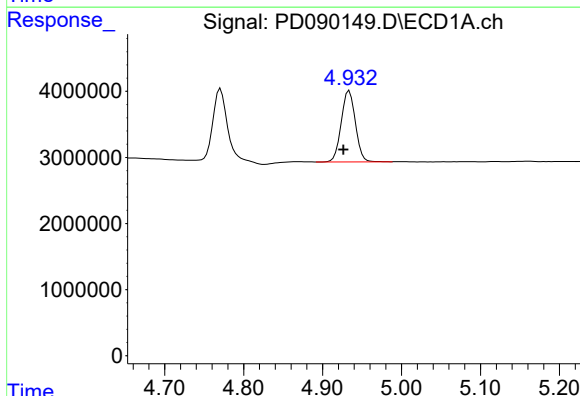
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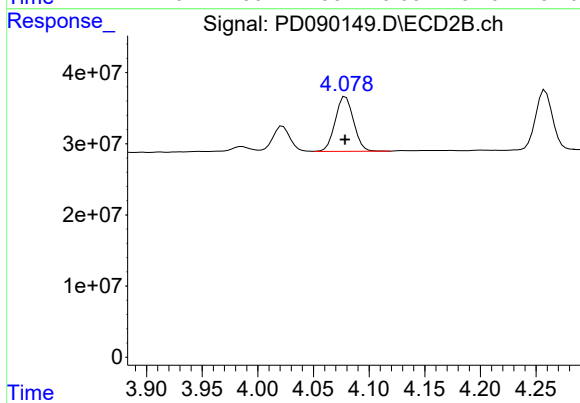
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 90010660
Conc: 2.89 ng/ml



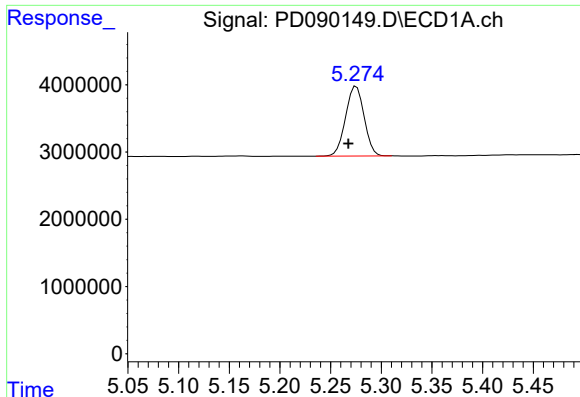
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 13430485
Conc: 2.39 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 88563401
Conc: 2.84 ng/ml



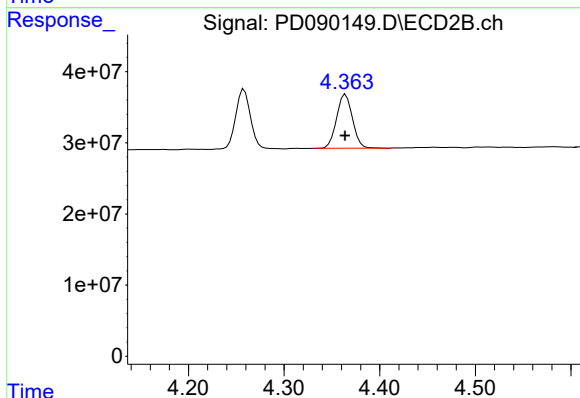
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.007 min
Response: 13200944
Conc: 2.44 ng/ml

Instrument :
ECD_D
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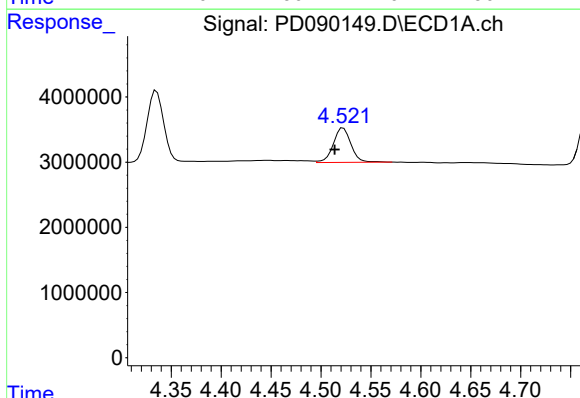
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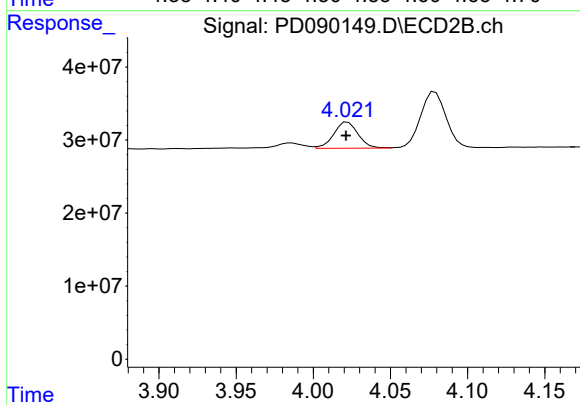
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 87423880
Conc: 2.87 ng/ml



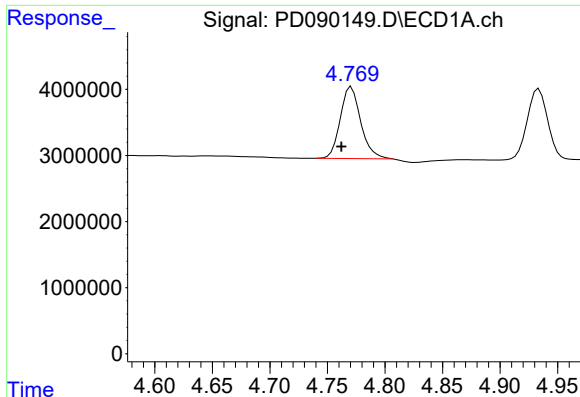
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.008 min
Response: 6576167
Conc: 2.93 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.001 min
Response: 39401658
Conc: 2.96 ng/ml



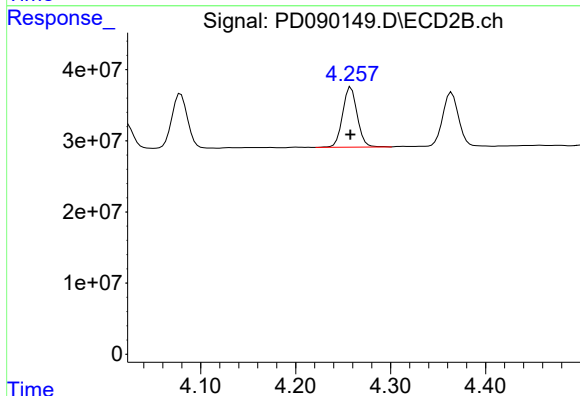
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.007 min
Response: 13514971
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

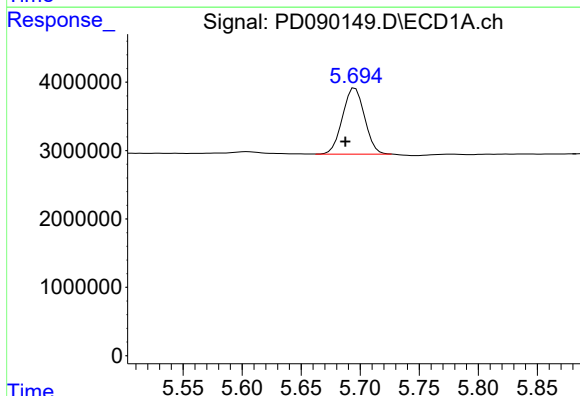
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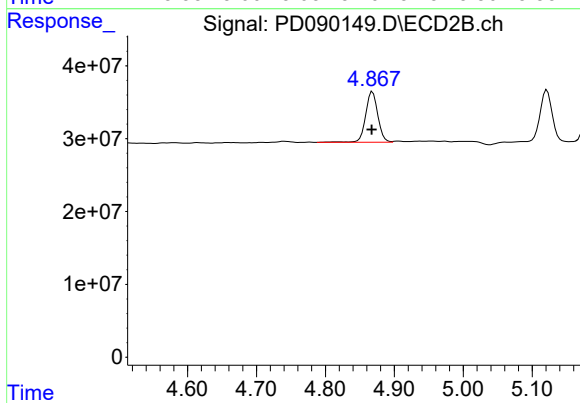
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 90261808
Conc: 2.86 ng/ml



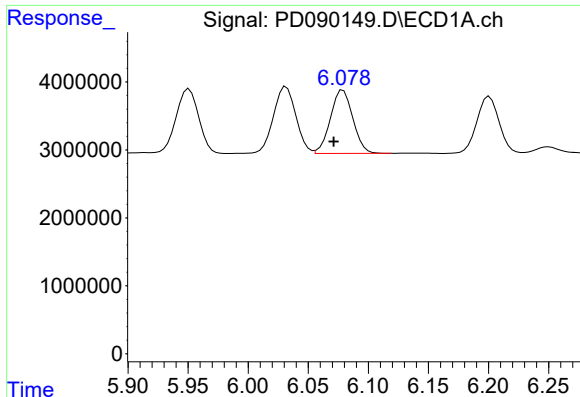
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.007 min
Response: 12609798
Conc: 2.57 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 85524936
Conc: 3.09 ng/ml



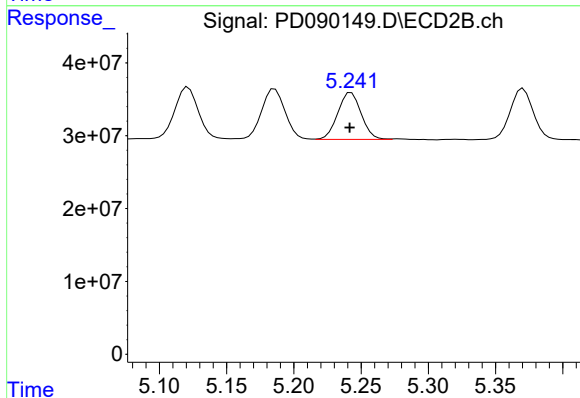
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.008 min
Response: 12117531
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

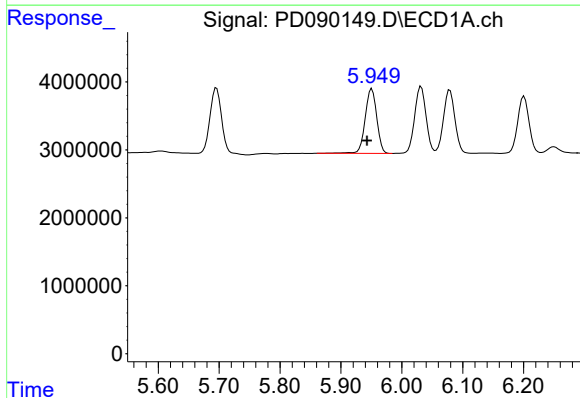
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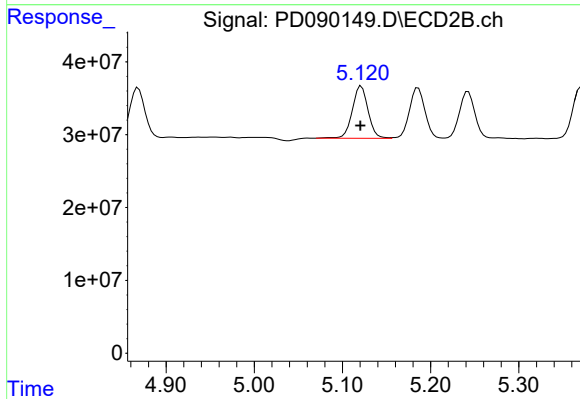
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 77912301
Conc: 2.97 ng/ml



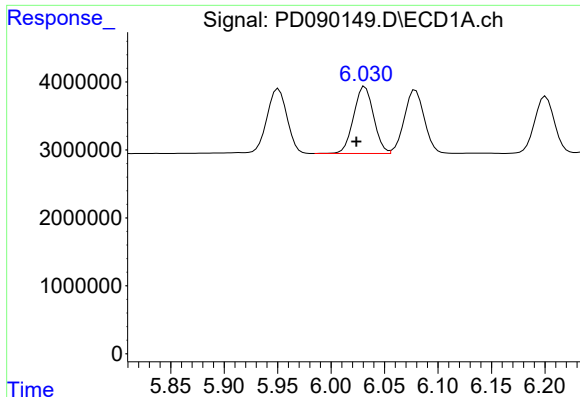
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.008 min
Response: 12595909
Conc: 2.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 89312235
Conc: 3.02 ng/ml



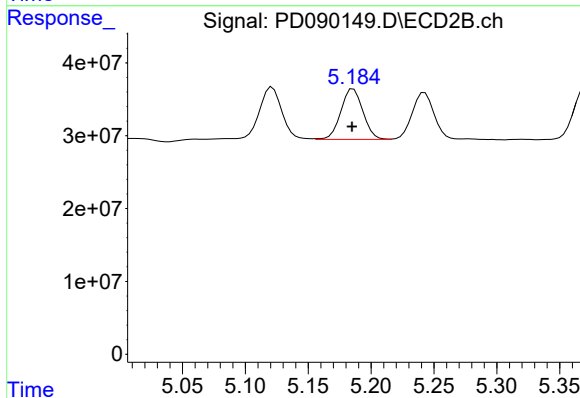
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.008 min
Response: 12794023
Conc: 2.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

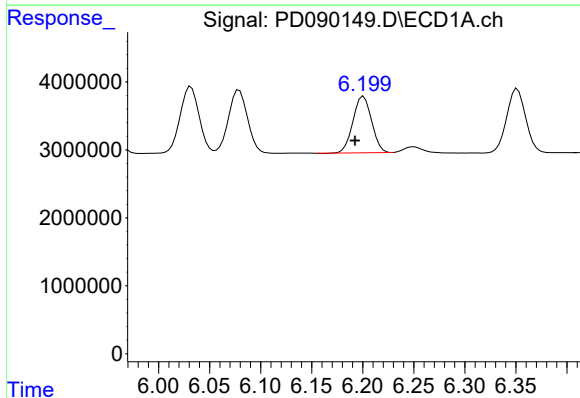
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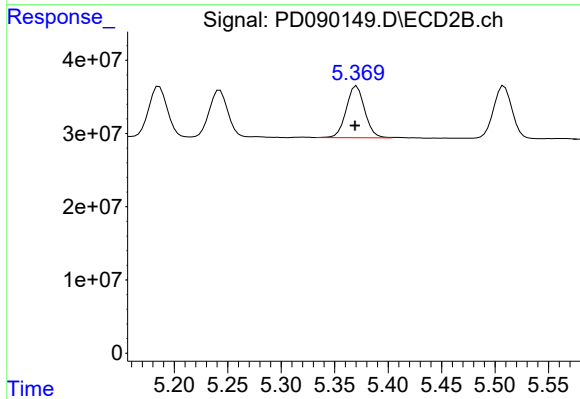
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 84805522
Conc: 2.97 ng/ml



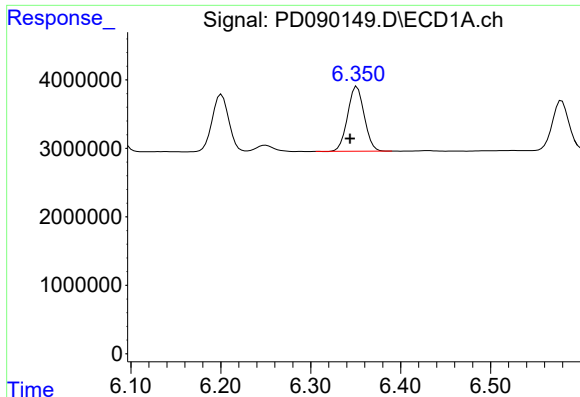
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.008 min
Response: 10520475
Conc: 2.40 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.002 min
Response: 84872747
Conc: 2.94 ng/ml



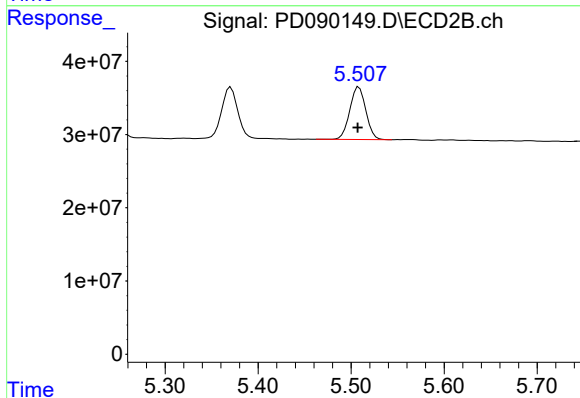
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.007 min
Response: 12149849
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
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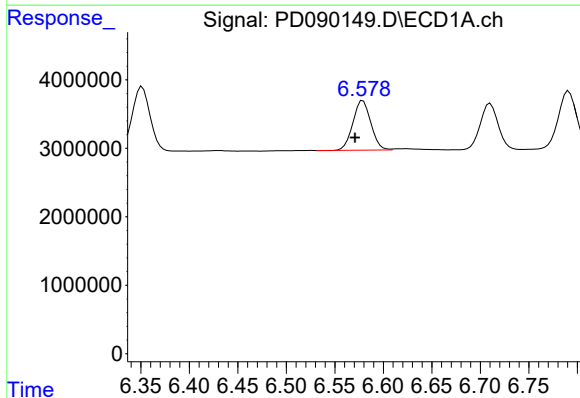
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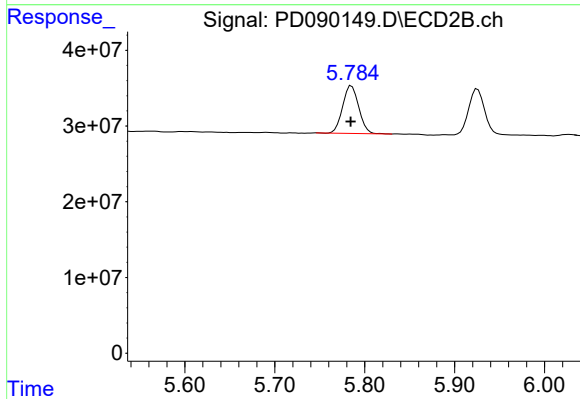
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.001 min
Response: 86283667
Conc: 2.95 ng/ml



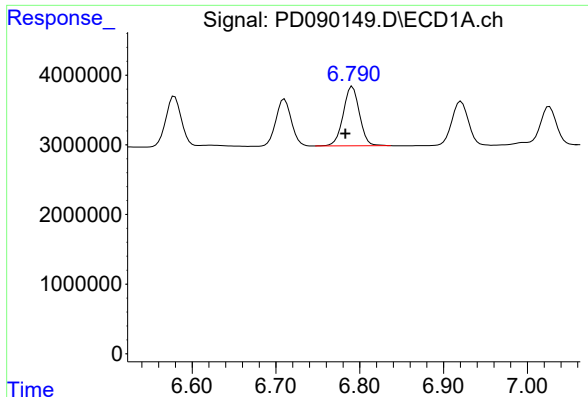
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.008 min
Response: 9315595
Conc: 2.25 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.001 min
Response: 78362195
Conc: 2.94 ng/ml



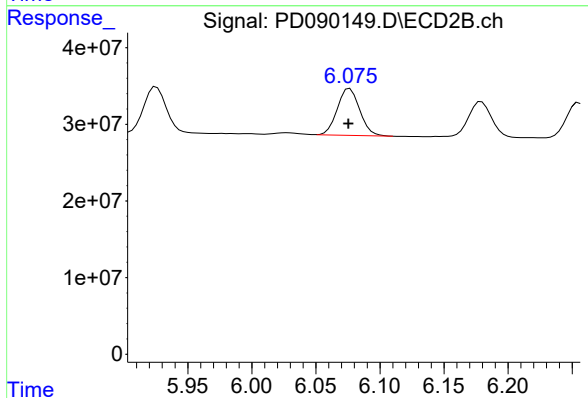
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.008 min
Response: 11468501
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

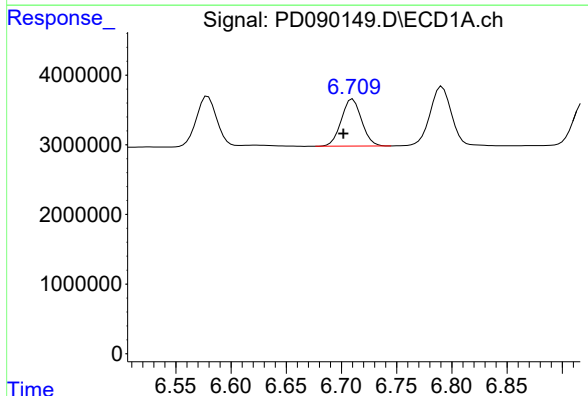
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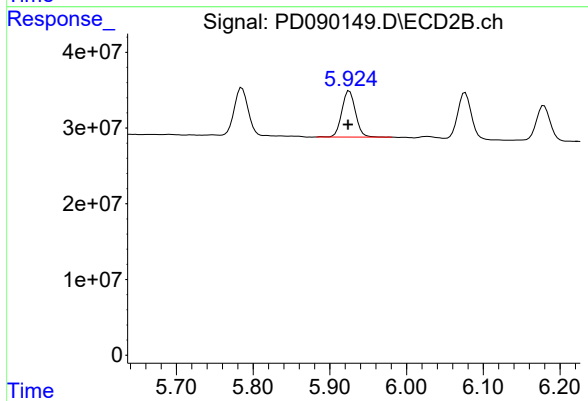
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 74597165
Conc: 2.95 ng/ml m



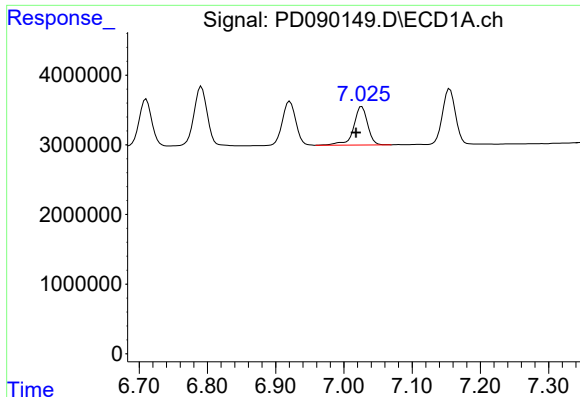
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 8673641
Conc: 2.51 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 75540690
Conc: 3.14 ng/ml



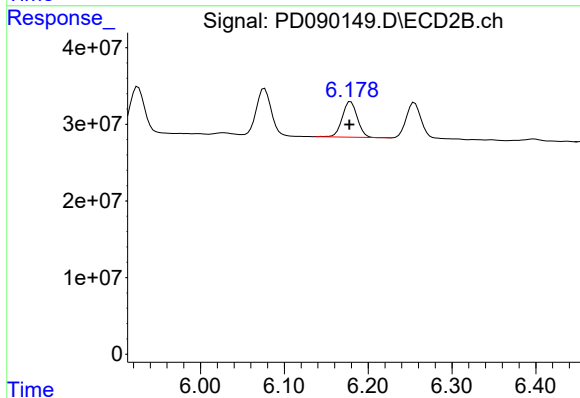
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.008 min
Response: 7860166
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

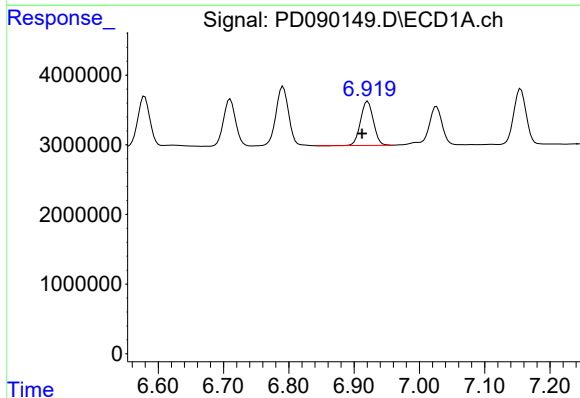
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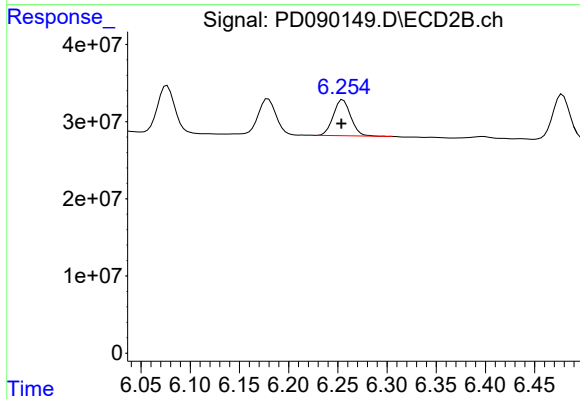
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 58306821
Conc: 2.33 ng/ml



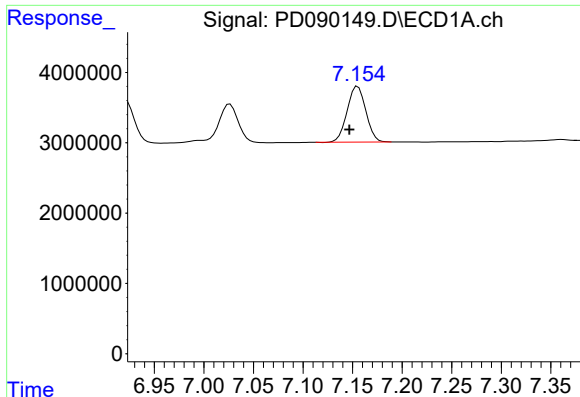
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.009 min
Response: 8631163
Conc: 3.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 56679710
Conc: 3.29 ng/ml



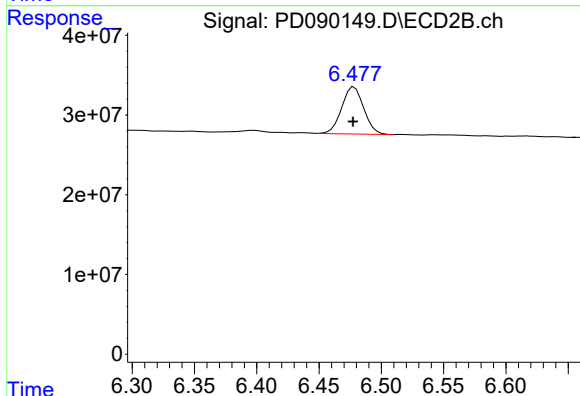
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.008 min
Response: 10433654
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

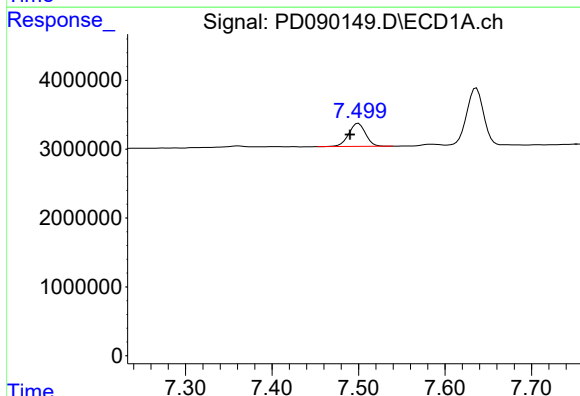
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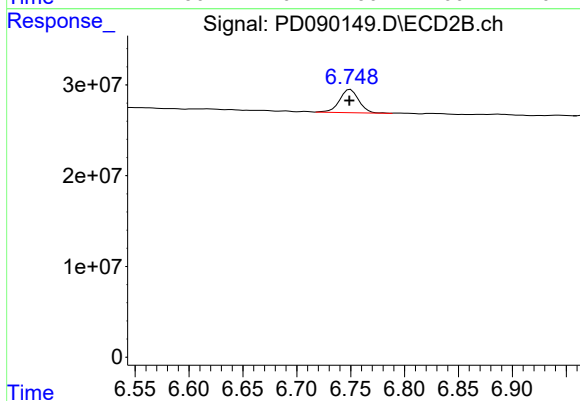
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 73245341
Conc: 3.00 ng/ml



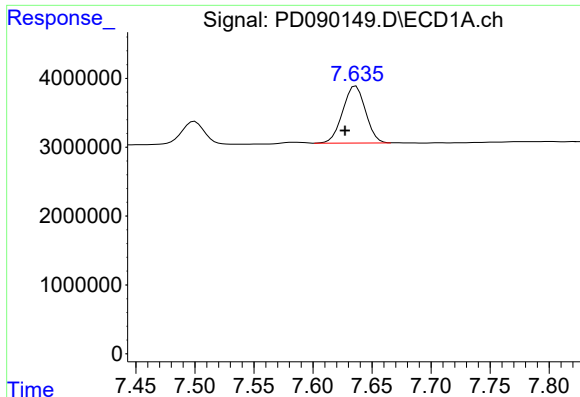
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.010 min
Response: 4526262
Conc: 2.26 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 31828066
Conc: 2.47 ng/ml



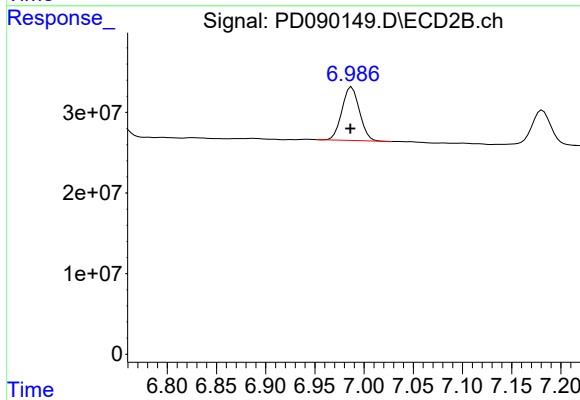
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.008 min
Response: 11136360
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

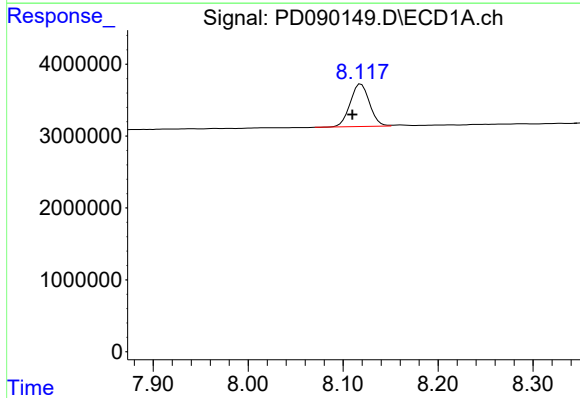
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/05/2025
Supervised By :mohammad ahmed 09/09/2025



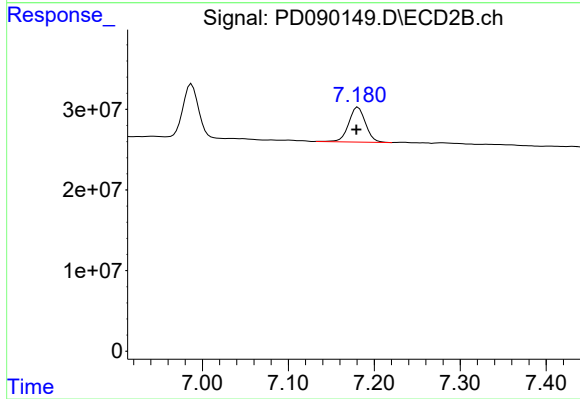
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: 0.001 min
Response: 82617276
Conc: 3.10 ng/ml



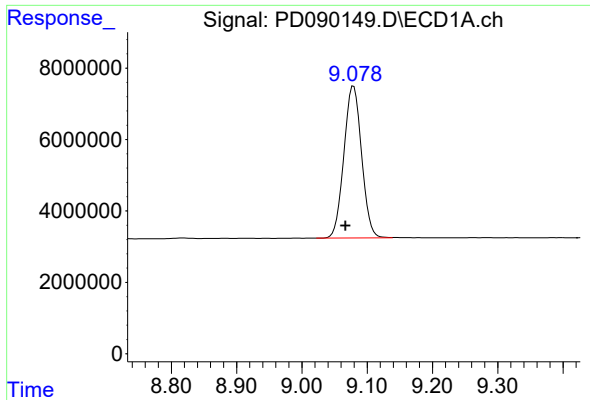
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.009 min
Response: 8346607
Conc: 2.65 ng/ml



#22 Mirex

R.T.: 7.181 min
Delta R.T.: 0.002 min
Response: 59259639
Conc: 2.87 ng/ml



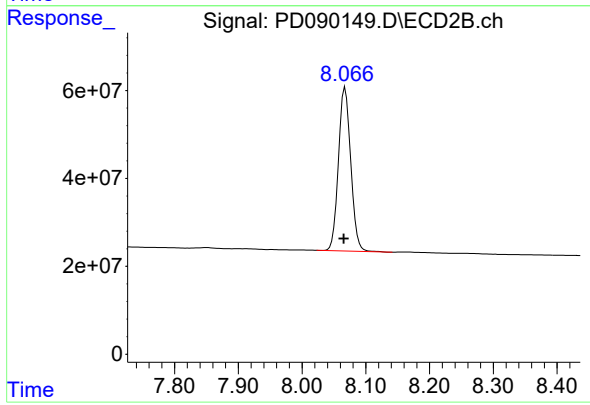
#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.012 min
Response: 80107697
Conc: 18.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.002 min
Response: 499716472
Conc: 19.30 ng/ml