

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 19:03
 Operator : AR\AJ
 Sample : Q3530-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-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 04:58:24 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	71866305	923.1E6	20.691	23.427
28)	SA Decachlor...	9.058	8.054	116.7E6	1103.4E6	22.447	26.645
Target Compounds							
2)	A alpha-BHC	3.988	3.381	32677826	379.2E6	4.059	5.562 #
3)	MA gamma-BHC...	4.319	3.718	32655571	348.9E6	4.345	6.205 #
4)	MA Heptachlor	4.917	4.069	34297229	354.7E6	4.831	6.086 #
5)	MB Aldrin	5.258	4.354	33939581	353.1E6	4.878	6.090
6)	B beta-BHC	4.508	4.014	14887717	155.3E6	5.157	6.481 #
7)	B delta-BHC	4.756	4.250	38669170	352.3E6	6.464	5.882
8)	B Heptachlo...	5.678	4.858	33947170	322.8E6	5.482	6.379
9)	A Endosulfan I	6.062	5.232	31322119	313.5E6	5.127	6.400
10)	B gamma-Chl...	5.934	5.109	31978396	346.6E6	5.015	6.209m
11)	B alpha-Chl...	6.014	5.174	34232707	330.0E6	5.097	6.162m
12)	B 4,4'-DDE	6.185	5.359	27132776	337.9E6	4.671	6.166 #
13)	MA Dieldrin	6.334	5.497	31050718	344.2E6	4.772	6.207 #
14)	MA Endrin	6.562	5.774	25329155	309.5E6	4.516	5.920 #
15)	B Endosulfa...	6.776	6.065	27260268	298.9E6	4.483	6.344 #
16)	A 4,4'-DDD	6.695	5.914	22151865	293.8E6	4.813	6.458 #
17)	MA 4,4'-DDT	7.010	6.168	21629222	264.3E6	4.195	5.575 #
18)	B Endrin al...	6.905	6.244	22925134	231.9E6	5.488	6.499
19)	B Endosulfa...	7.139	6.468	26889145	288.8E6	5.093	6.266
20)	A Methoxychlor	7.484	6.738	12819000	139.5E6	4.769	5.912
21)	B Endrin ke...	7.620	6.976	28606973	326.2E6	5.078	6.707 #
22)	Mirex	8.102	7.168	21828373	223.0E6	5.875	6.804

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 19:03
Operator : AR\AJ
Sample : Q3530-08
Misc : PEST LOQ 5PPB
ALS Vial : 18 Sample Multiplier: 1

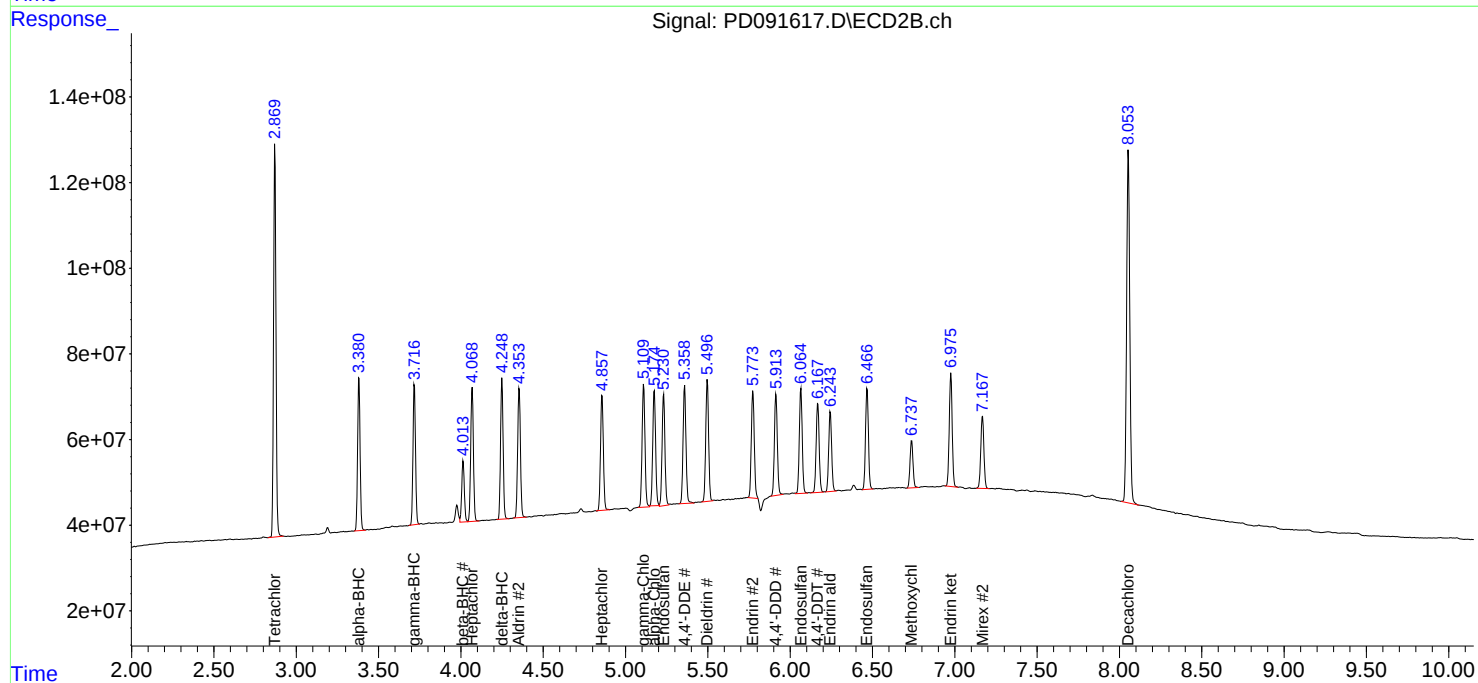
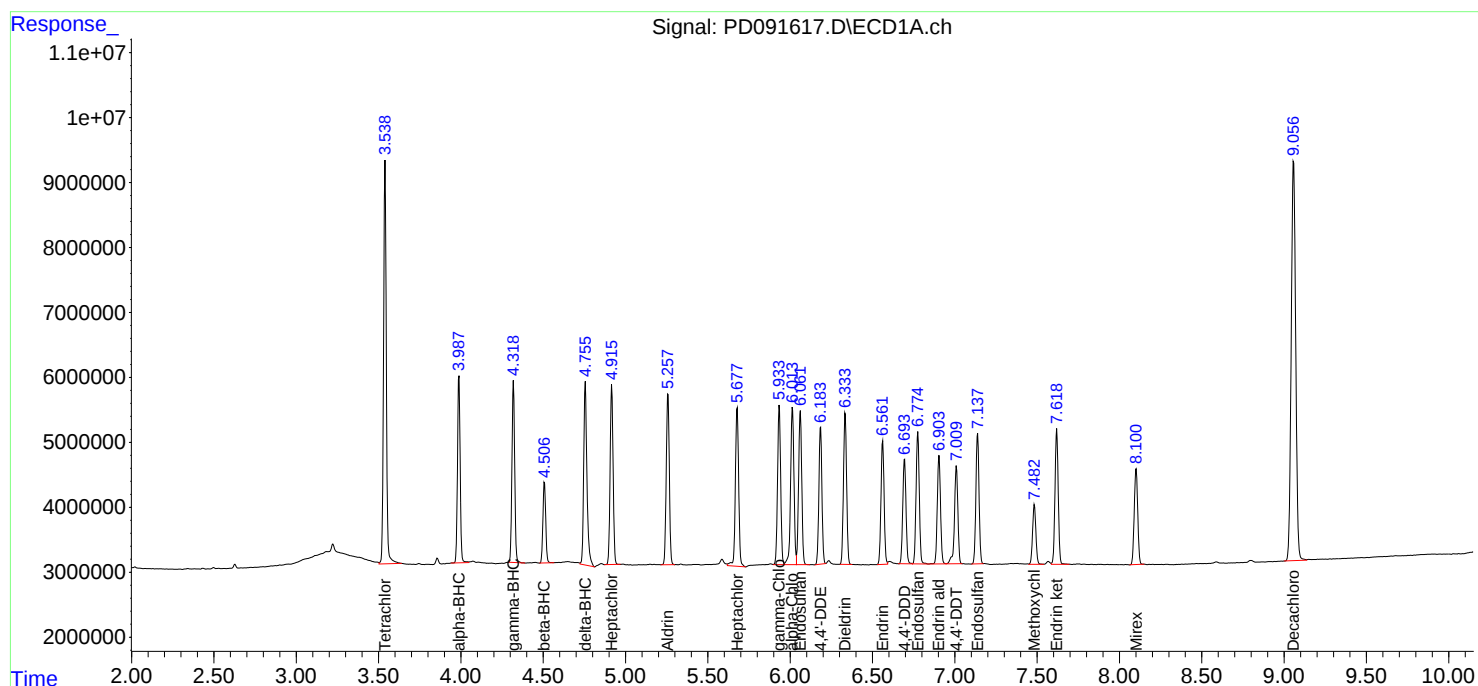
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

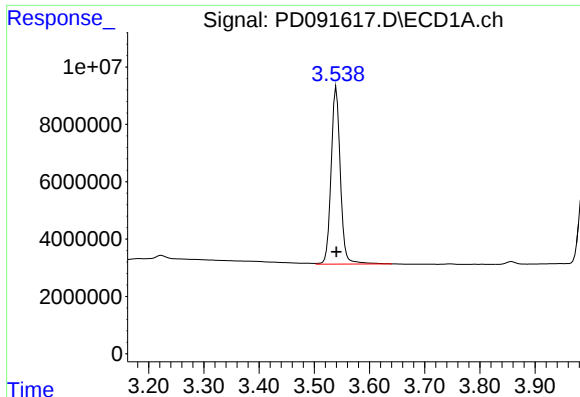
Manual Integrations
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Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:58:24 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





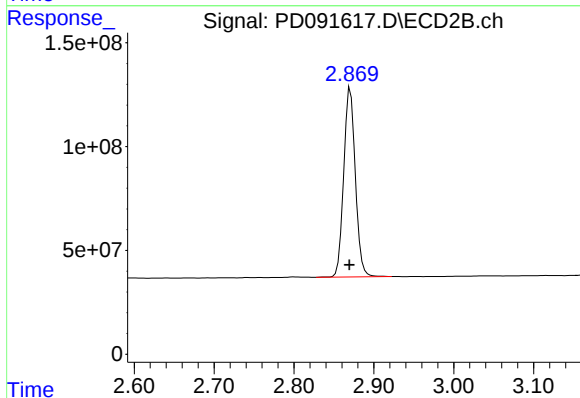
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 71866305
Conc: 20.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

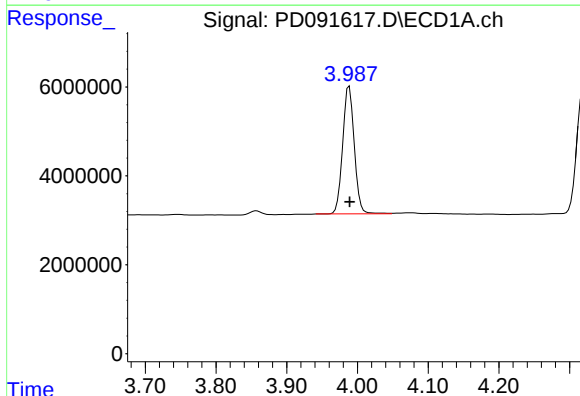
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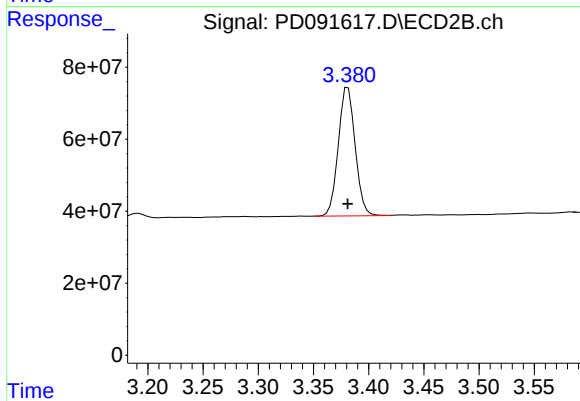
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.001 min
Response: 923114367
Conc: 23.43 ng/ml



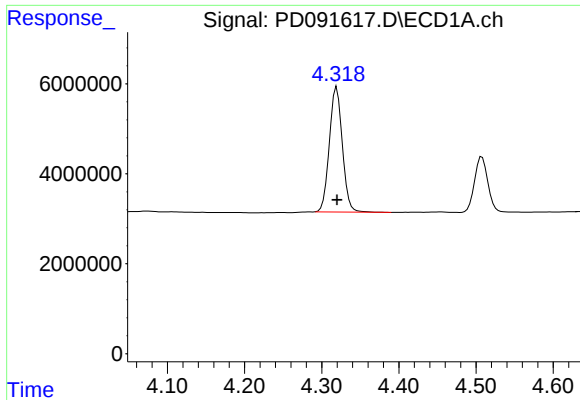
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 32677826
Conc: 4.06 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 379203768
Conc: 5.56 ng/ml



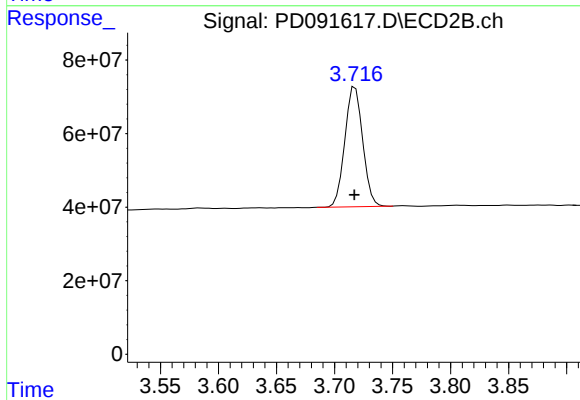
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 32655571
Conc: 4.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

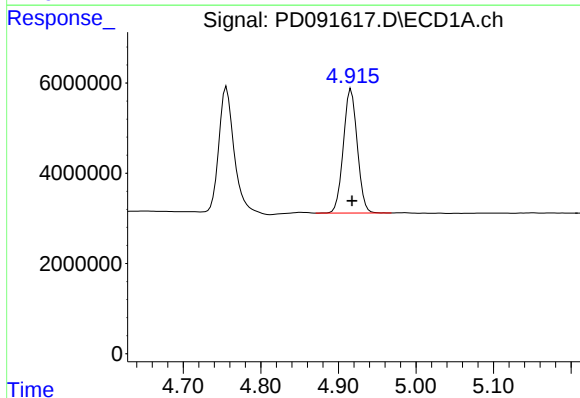
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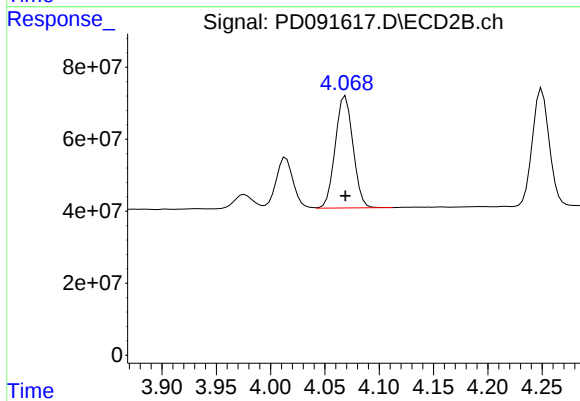
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 348915752
Conc: 6.21 ng/ml



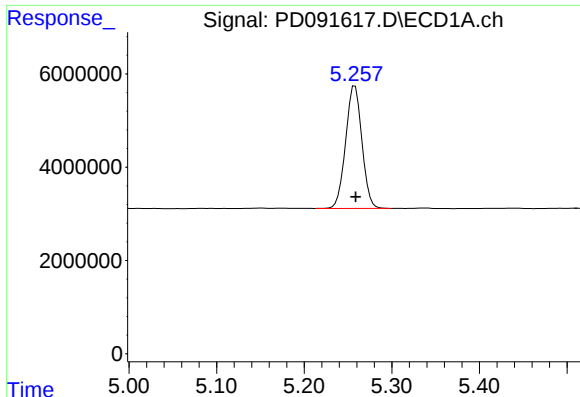
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.001 min
Response: 34297229
Conc: 4.83 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 354724785
Conc: 6.09 ng/ml



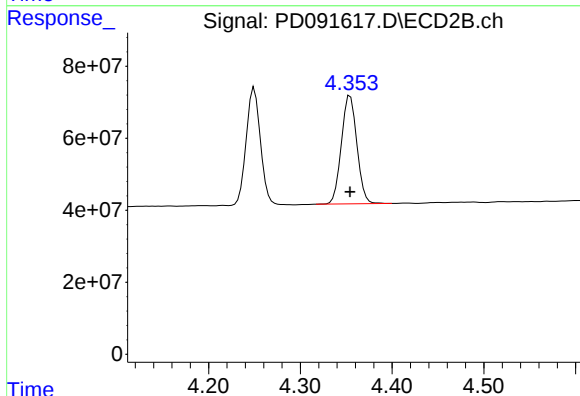
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 33939581
Conc: 4.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
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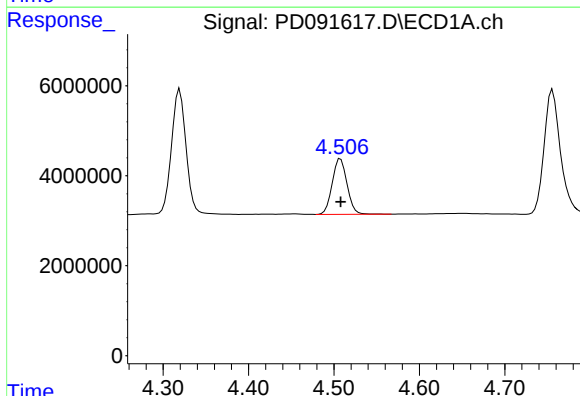
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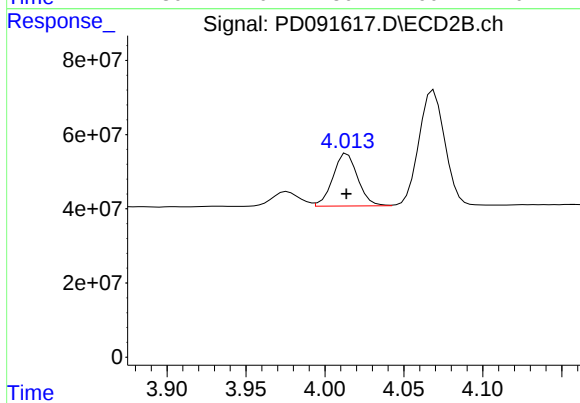
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 353140128
Conc: 6.09 ng/ml



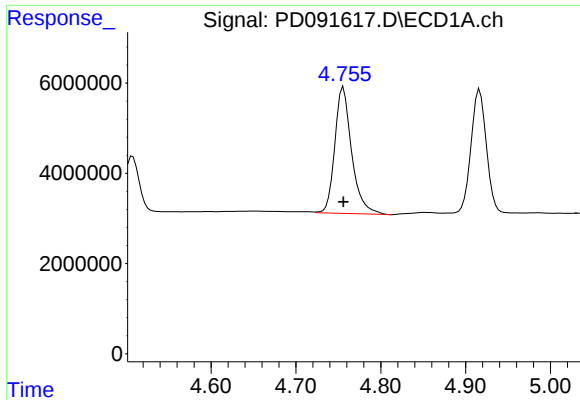
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 14887717
Conc: 5.16 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 155277398
Conc: 6.48 ng/ml



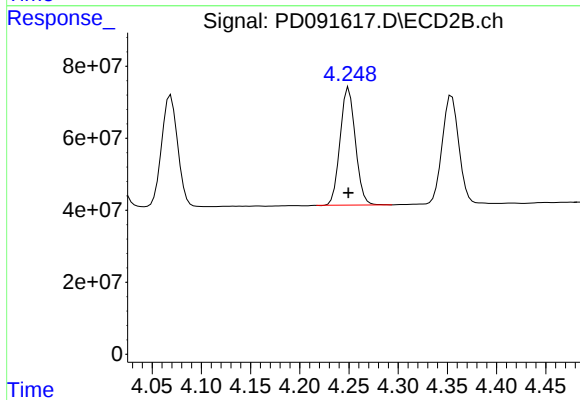
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 38669170
Conc: 6.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

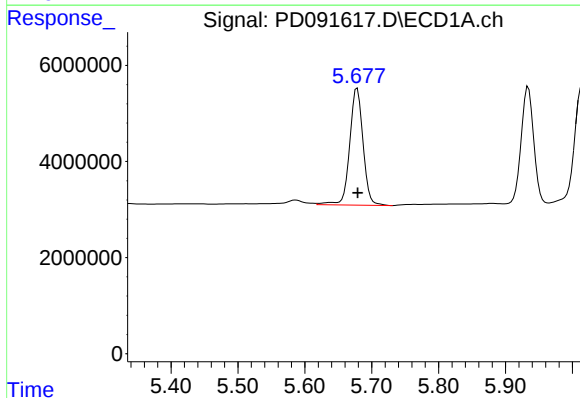
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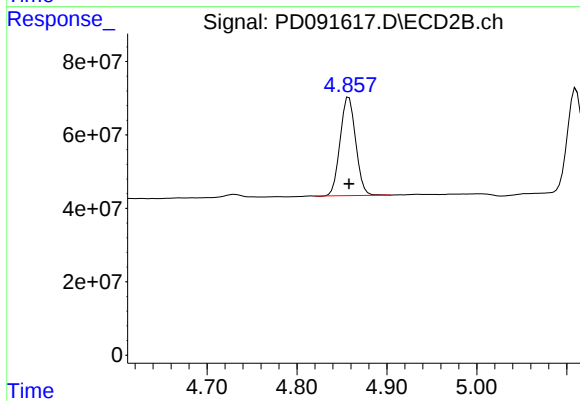
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 352253090
Conc: 5.88 ng/ml



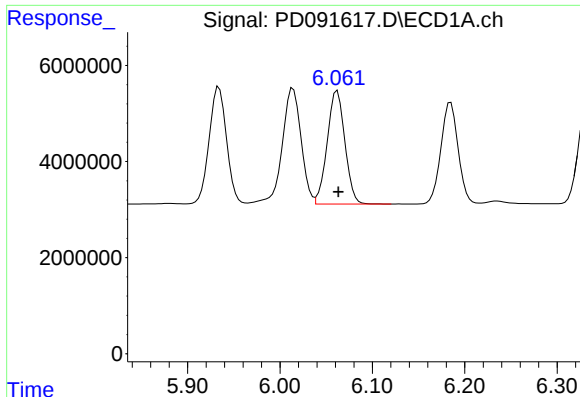
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 33947170
Conc: 5.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 322756346
Conc: 6.38 ng/ml



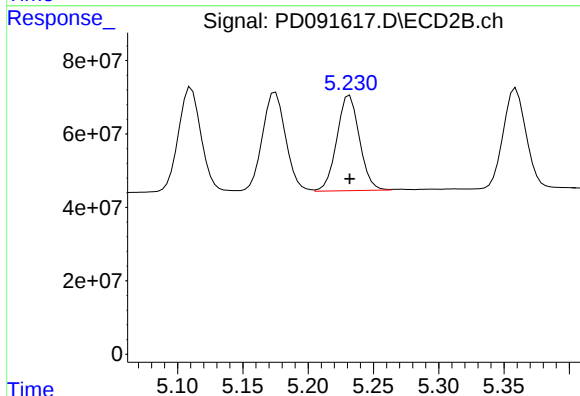
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.001 min
Response: 31322119
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

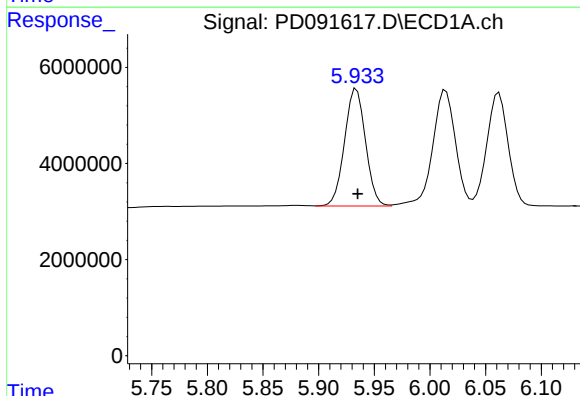
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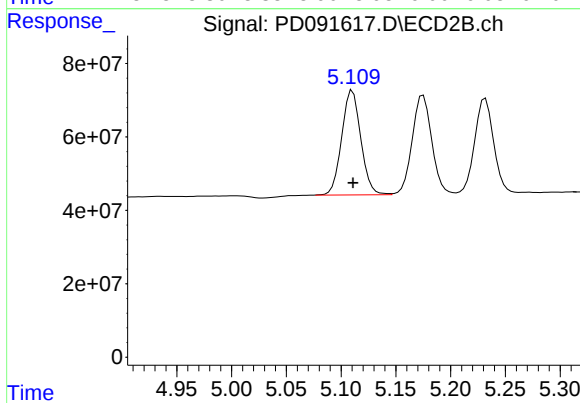
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 313506538
Conc: 6.40 ng/ml



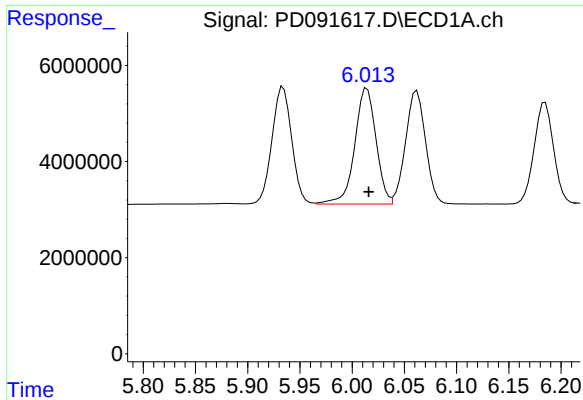
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 31978396
Conc: 5.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 346573685
Conc: 6.21 ng/ml m



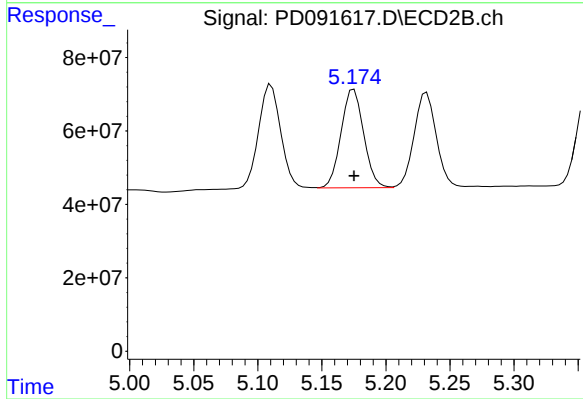
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 34232707
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

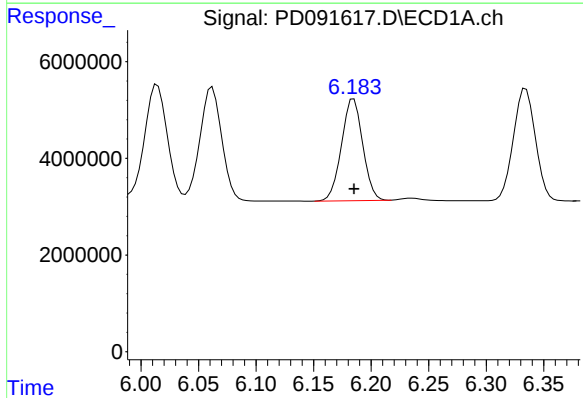
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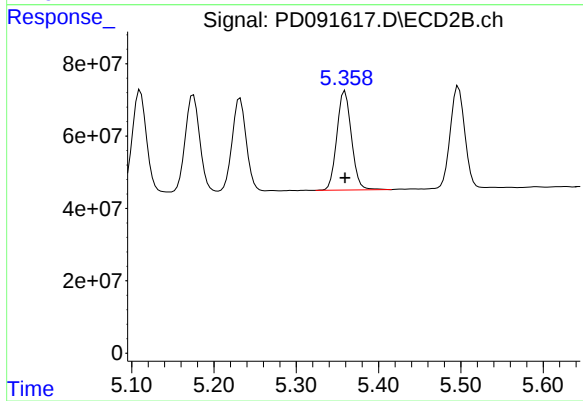
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 329958676
Conc: 6.16 ng/ml m



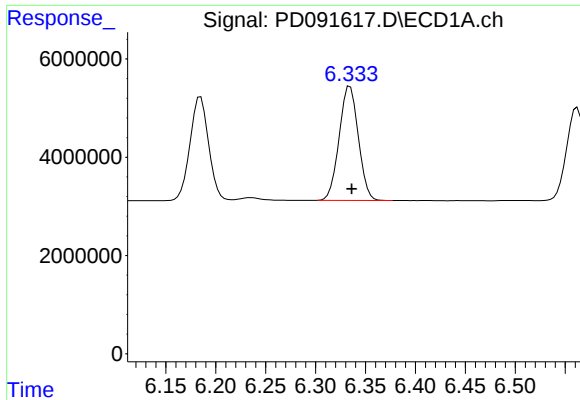
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 27132776
Conc: 4.67 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 337922342
Conc: 6.17 ng/ml



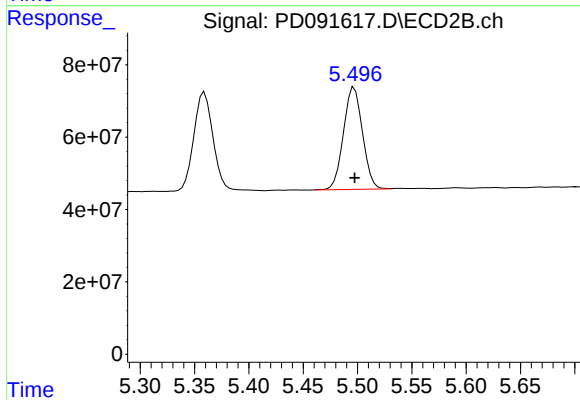
#13 Dieldrin

R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 31050718
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

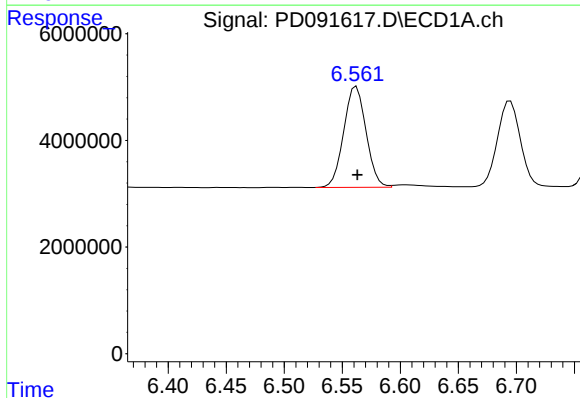
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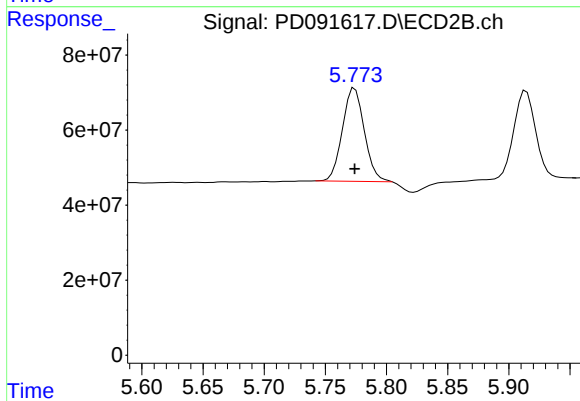
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 344245880
Conc: 6.21 ng/ml



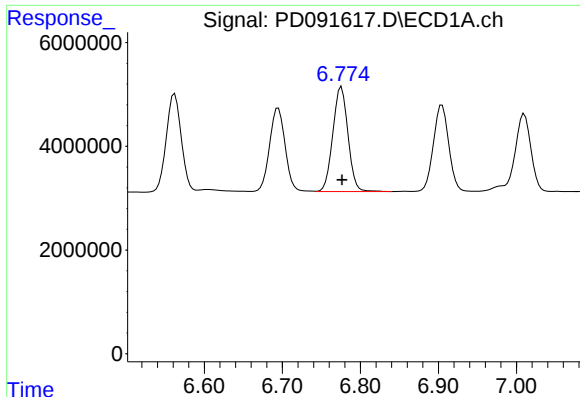
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 25329155
Conc: 4.52 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 309478190
Conc: 5.92 ng/ml



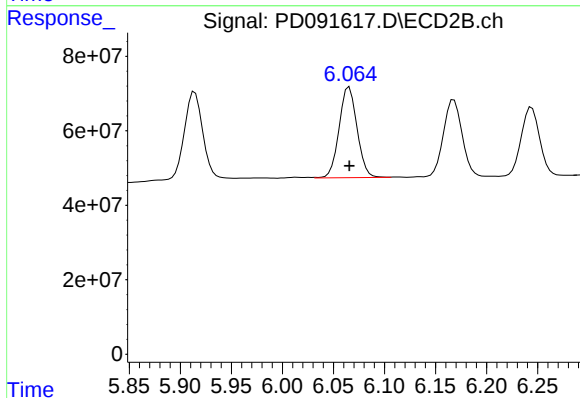
#15 Endosulfan II

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 27260268
Conc: 4.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

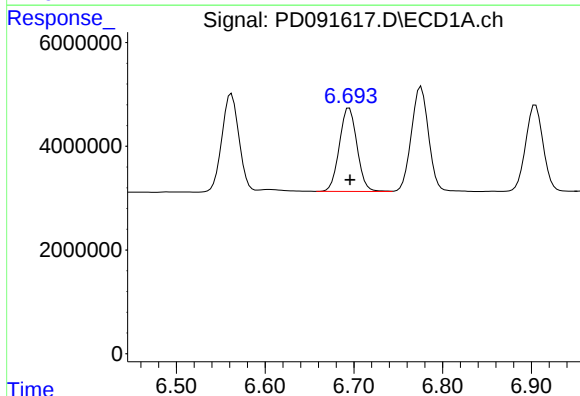
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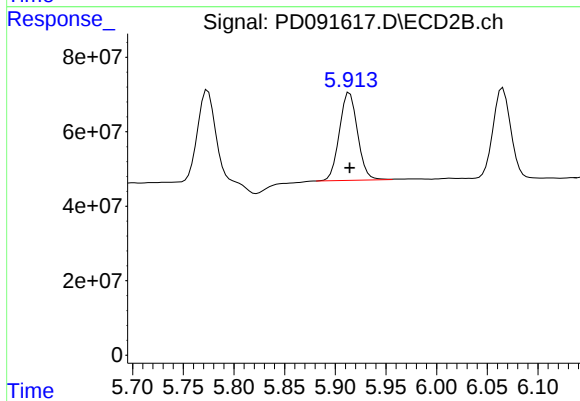
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 298911438
Conc: 6.34 ng/ml



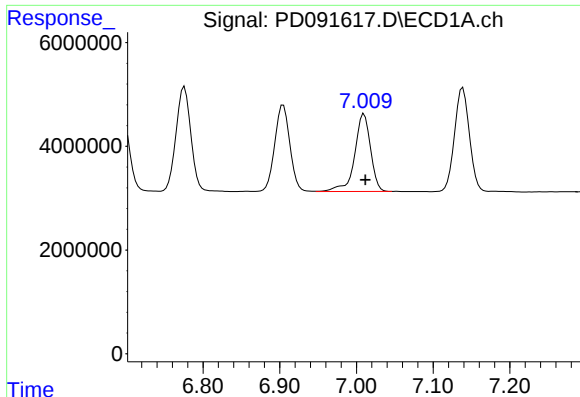
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 22151865
Conc: 4.81 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 293758250
Conc: 6.46 ng/ml



#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 21629222
Conc: 4.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

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#17 4,4'-DDT

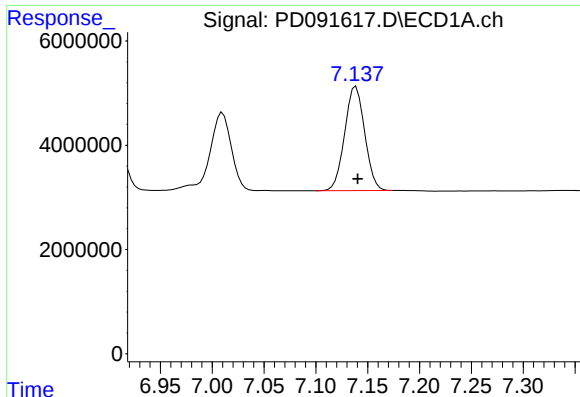
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 264258814
Conc: 5.58 ng/ml

#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 22925134
Conc: 5.49 ng/ml

#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 231939000
Conc: 6.50 ng/ml



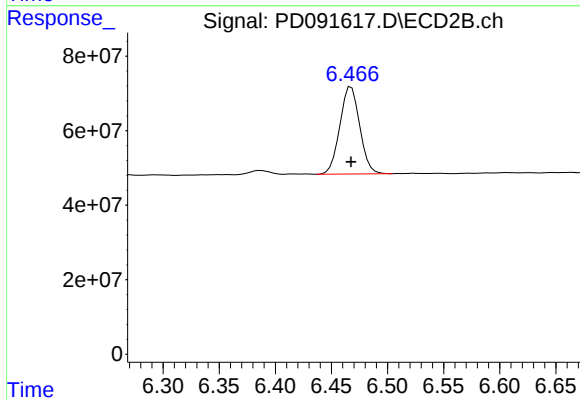
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 26889145
Conc: 5.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

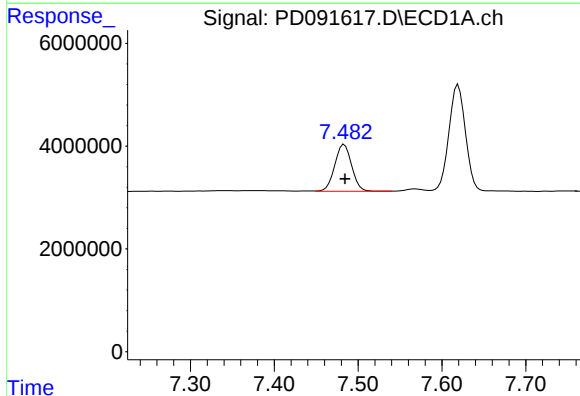
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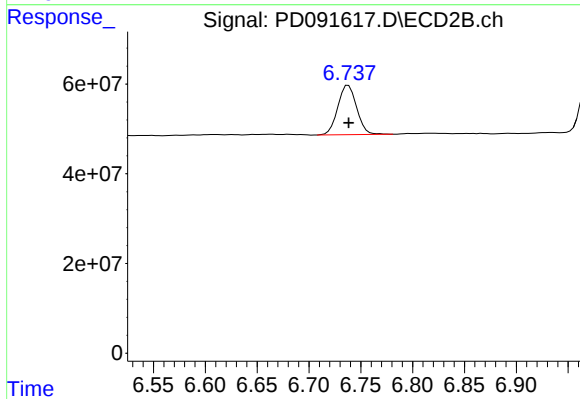
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 288811350
Conc: 6.27 ng/ml



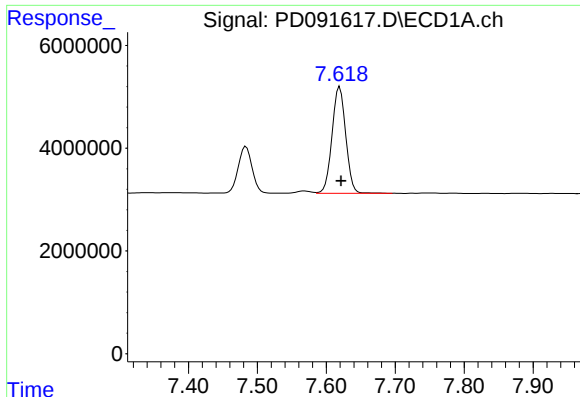
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 12819000
Conc: 4.77 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 139516710
Conc: 5.91 ng/ml



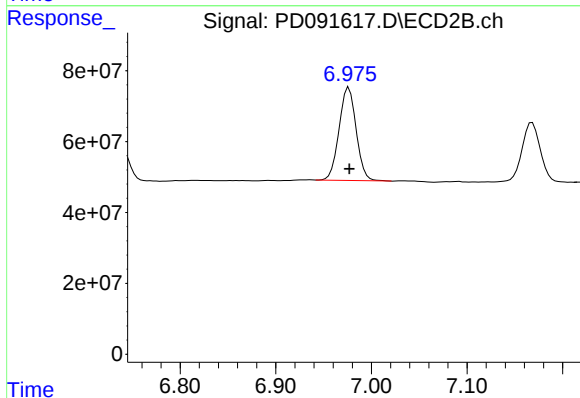
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.002 min
Response: 28606973
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

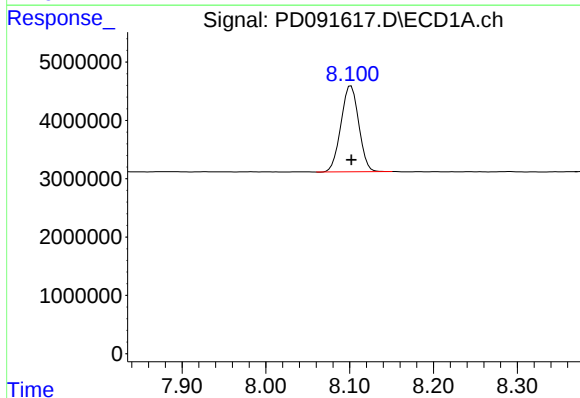
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Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



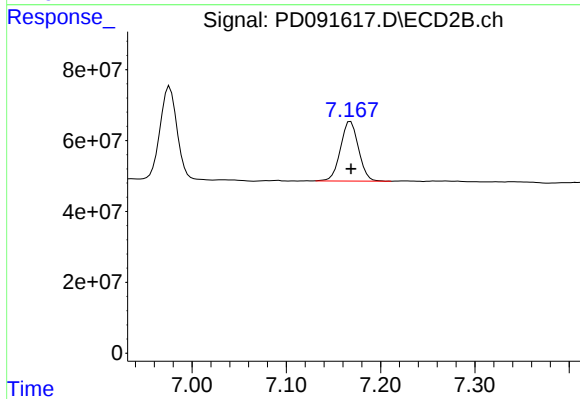
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 326230346
Conc: 6.71 ng/ml



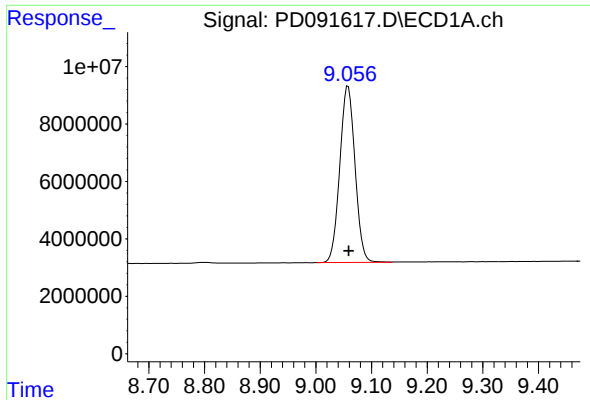
#22 Mirex

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 21828373
Conc: 5.87 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 223003391
Conc: 6.80 ng/ml



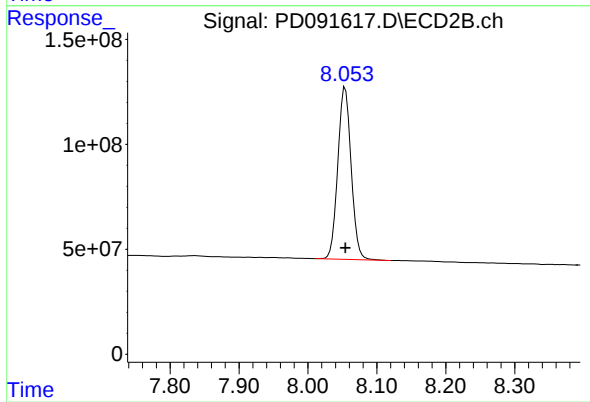
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.001 min
Response: 116682198
Conc: 22.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-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: 1103402951
Conc: 26.65 ng/ml