

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:35
 Operator : AR\AJ
 Sample : Q3530-07
 Misc : PEST LOD 1PPB
 ALS Vial : 16 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 04:58:06 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	2.870	72720935	928.6E6	20.937	23.566
28) SA Decachlor...	9.059	8.055	116.2E6	1097.3E6	22.356	26.497
Target Compounds						
2) A alpha-BHC	3.988	3.382	7309094	89805793	0.908	1.317 #
3) MA gamma-BHC...	4.319	3.717	7666706	80770106	1.020	1.436 #
4) MA Heptachlor	4.916	4.069	8376489	85102012	1.180	1.460
5) MB Aldrin	5.258	4.354	8029509	84711561	1.154	1.461 #
6) B beta-BHC	4.507	4.013	3474681	35506830	1.204	1.482m
7) B delta-BHC	4.756	4.250	10328744	82591513	1.727m	1.379
8) B Heptachlo...	5.676	4.858	7559707	74541974	1.221m	1.473
9) A Endosulfan I	6.061	5.230	7696294	71196084	1.260	1.453m
10) B gamma-Chl...	5.932	5.109	7533405	80005395	1.181m	1.433m
11) B alpha-Chl...	6.014	5.174	9760690	74964490	1.453	1.400m
12) B 4,4'-DDE	6.184	5.358	6261165	74651966	1.078	1.362m#
13) MA Dieldrin	6.335	5.497	7224605	76843659	1.110	1.385
14) MA Endrin	6.562	5.773	5717418	72855913	1.019	1.394m#
15) B Endosulfa...	6.774	6.065	5681643	67901439	0.934m	1.441 #
16) A 4,4'-DDD	6.692	5.911	6370640	79865842	1.384m	1.756m#
17) MA 4,4'-DDT	7.009	6.167	4776946	58280198	0.926m	1.230 #
18) B Endrin al...	6.904	6.244	5406486	54699729	1.294	1.533
19) B Endosulfa...	7.138	6.468	6467458	67198674	1.225	1.458
20) A Methoxychlor	7.484	6.738	3024191	30748581	1.125	1.303
21) B Endrin ke...	7.620	6.976	6916123	70633737	1.228	1.452
22) Mirex	8.102	7.168	5218883	48319040	1.405	1.474

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:35
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 1PPB
ALS Vial : 16 Sample Multiplier: 1

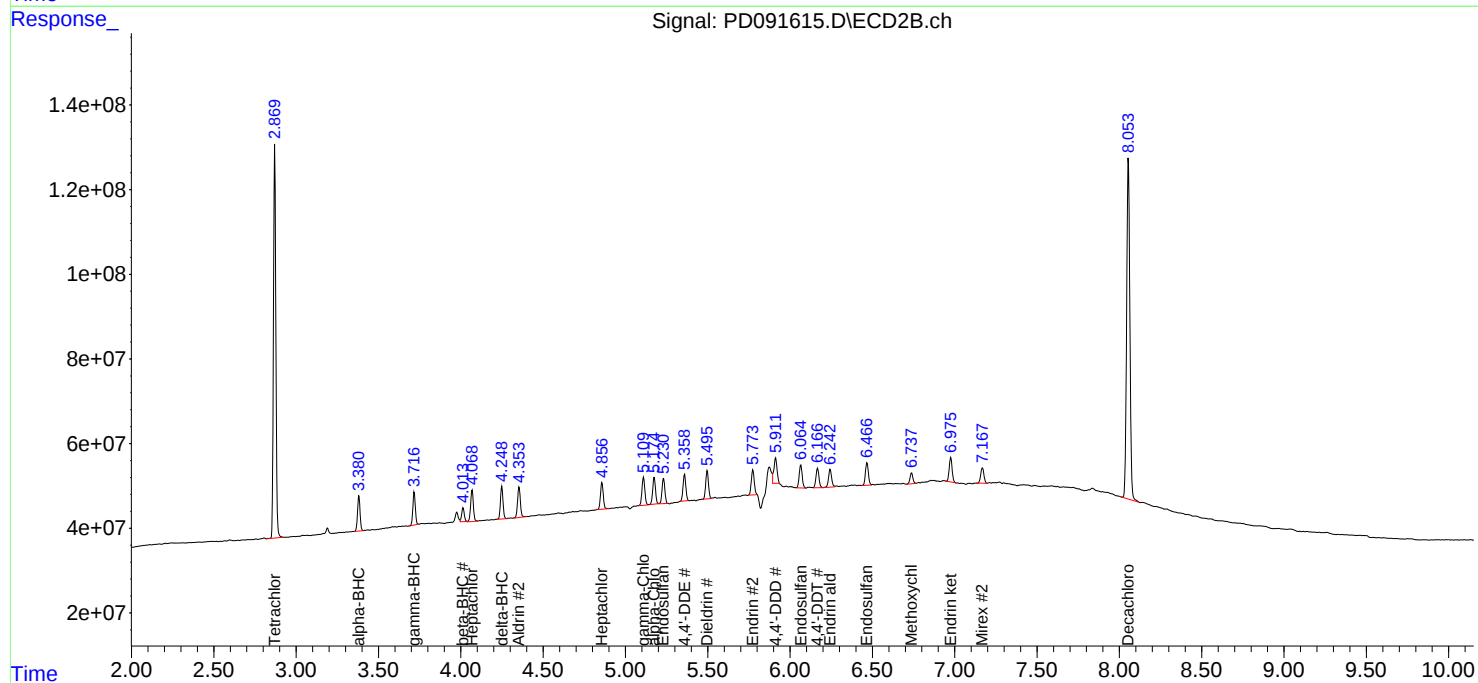
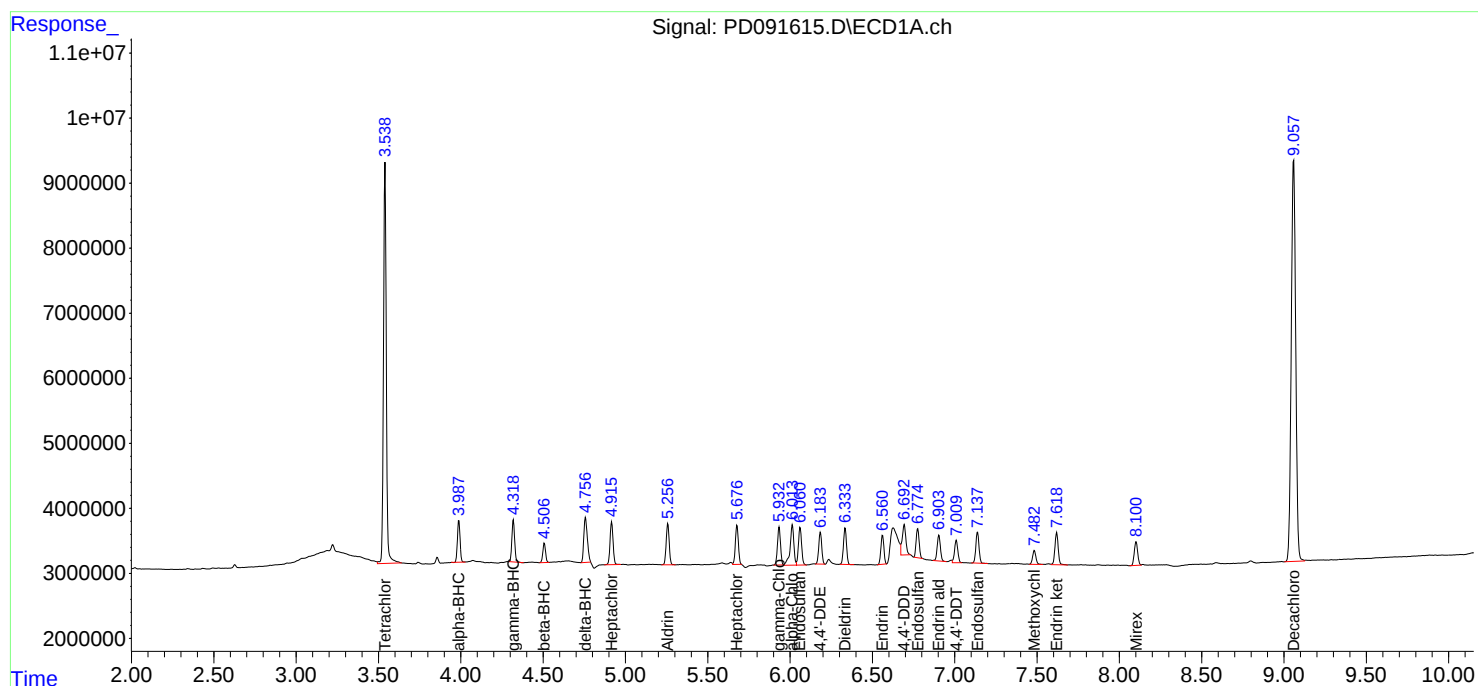
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

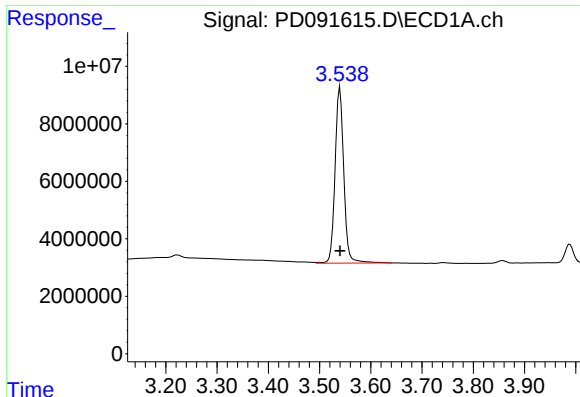
Manual Integrations
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Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
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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





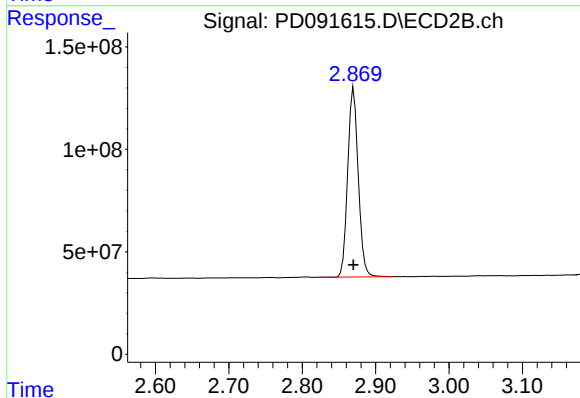
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72720935
Conc: 20.94 ng/ml

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

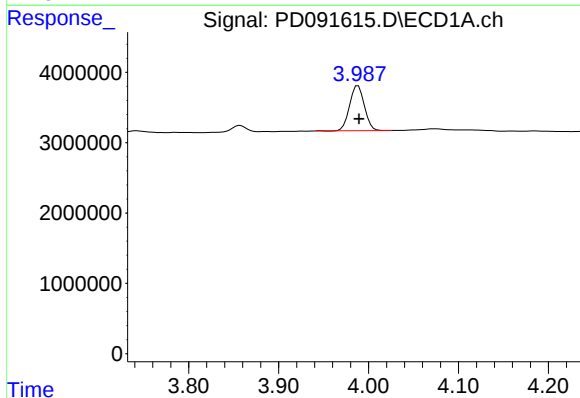
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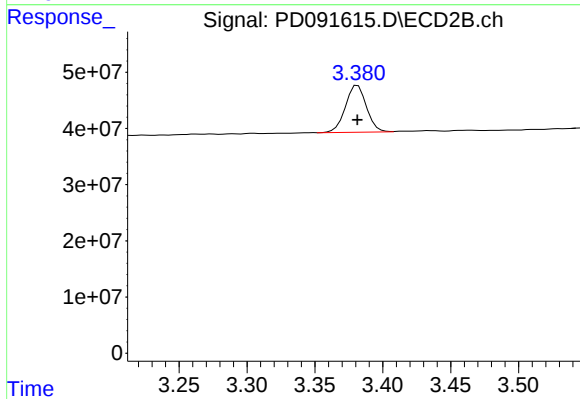
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 928557586
Conc: 23.57 ng/ml



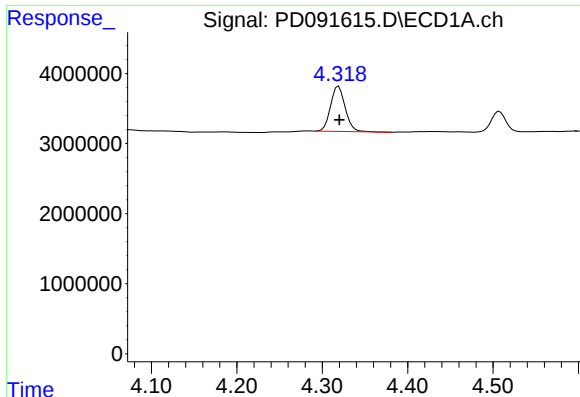
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 7309094
Conc: 0.91 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 89805793
Conc: 1.32 ng/ml



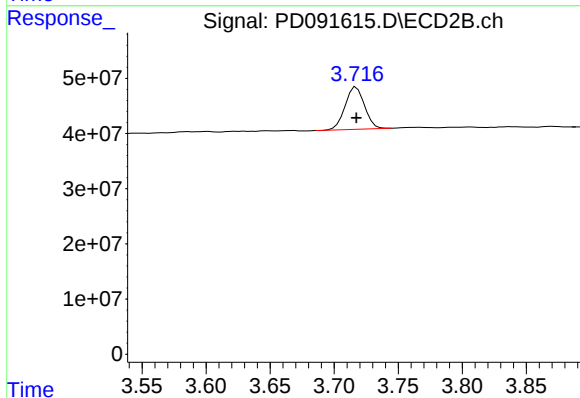
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 7666706
Conc: 1.02 ng/ml

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

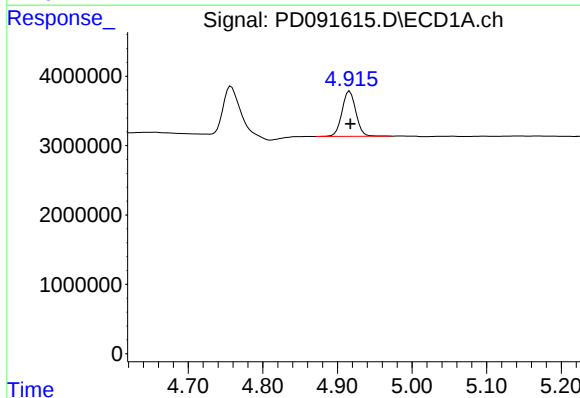
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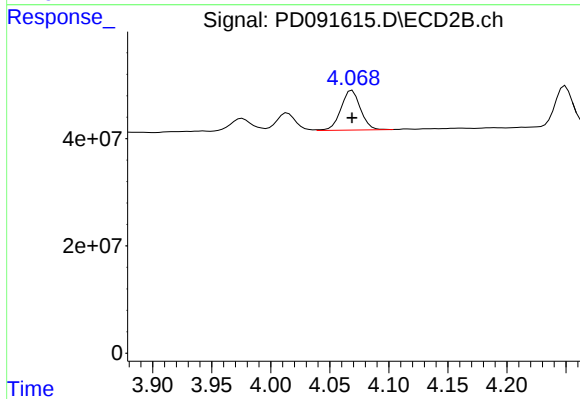
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 80770106
Conc: 1.44 ng/ml



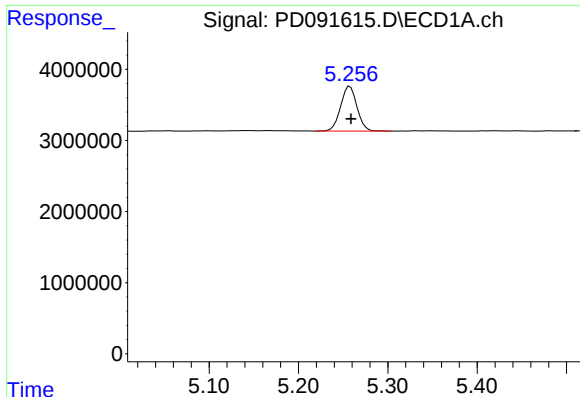
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 8376489
Conc: 1.18 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 85102012
Conc: 1.46 ng/ml



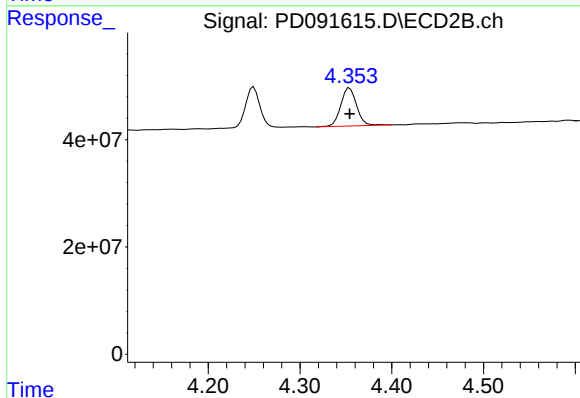
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 8029509
Conc: 1.15 ng/ml

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

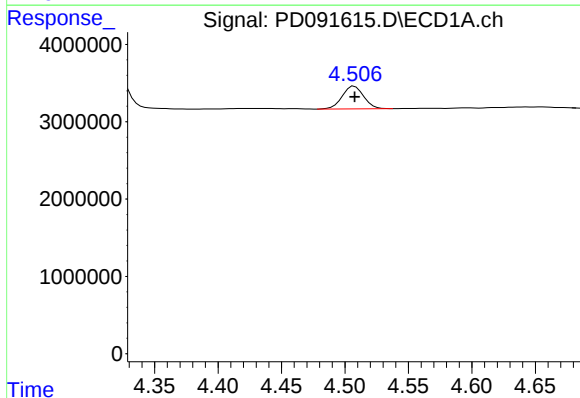
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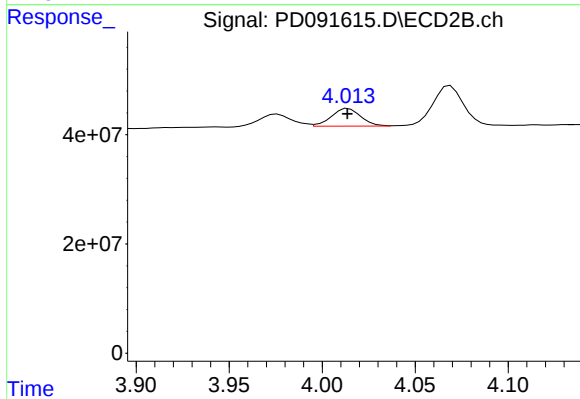
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 84711561
Conc: 1.46 ng/ml



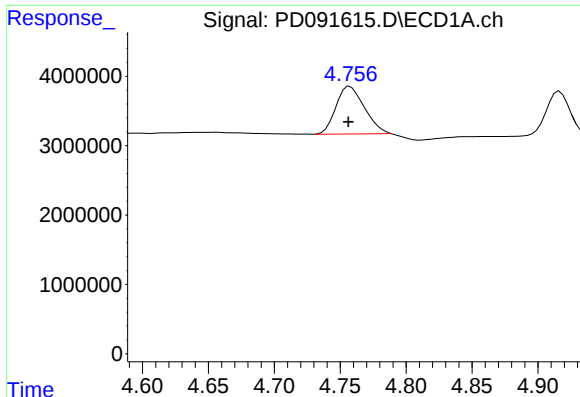
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 3474681
Conc: 1.20 ng/ml



#6 beta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 35506830
Conc: 1.48 ng/ml m



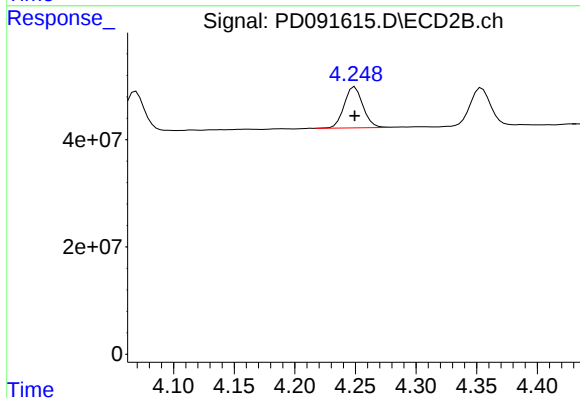
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 10328744
Conc: 1.73 ng/ml

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

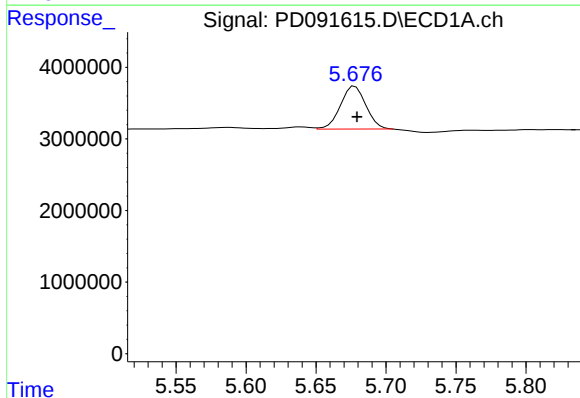
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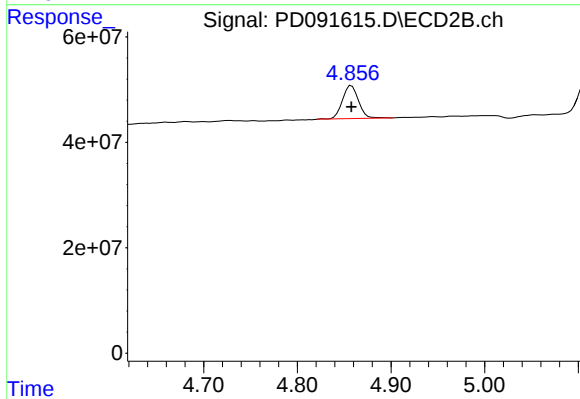
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 82591513
Conc: 1.38 ng/ml



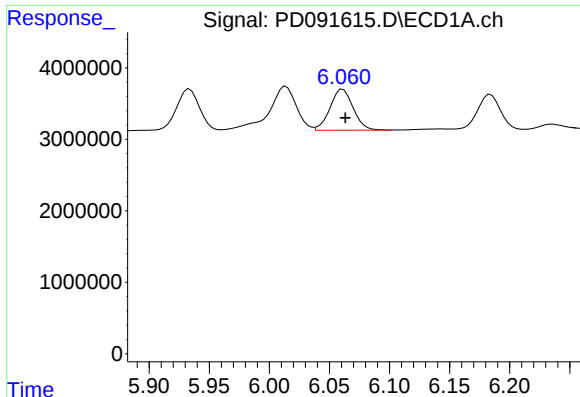
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 7559707
Conc: 1.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 74541974
Conc: 1.47 ng/ml



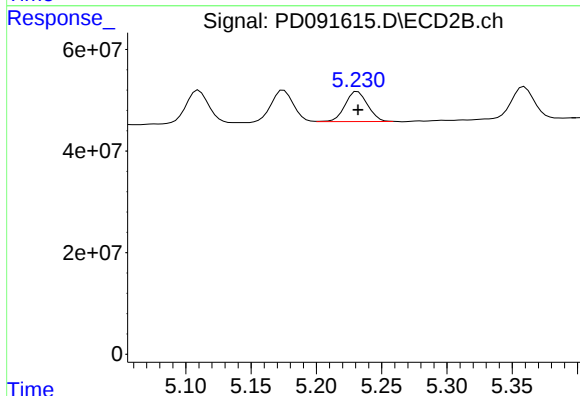
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 7696294
Conc: 1.26 ng/ml

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

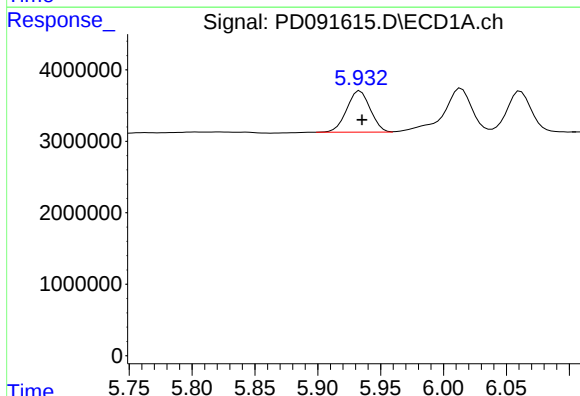
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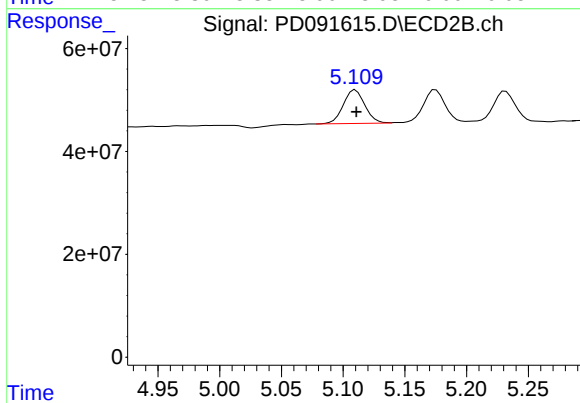
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 71196084
Conc: 1.45 ng/ml m



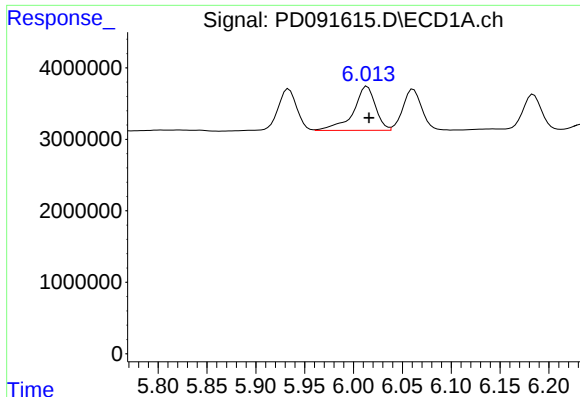
#10 gamma-Chlordane

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 7533405
Conc: 1.18 ng/ml m



#10 gamma-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 80005395
Conc: 1.43 ng/ml m



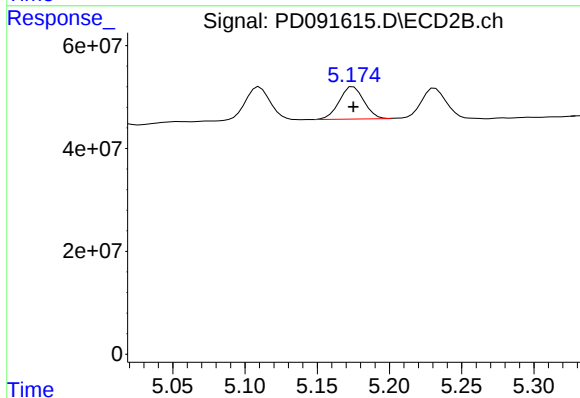
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 9760690
Conc: 1.45 ng/ml

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

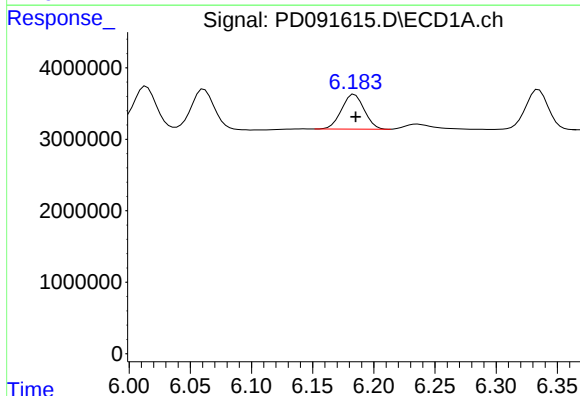
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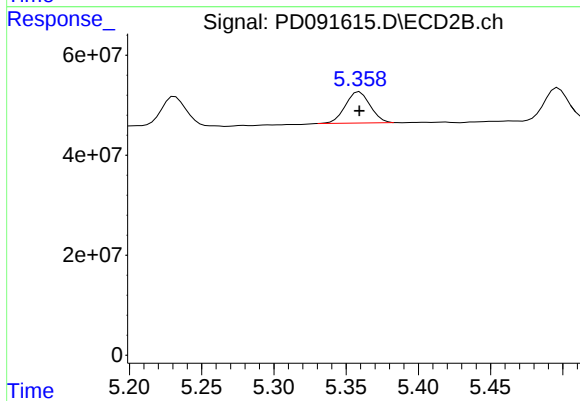
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 74964490
Conc: 1.40 ng/ml m



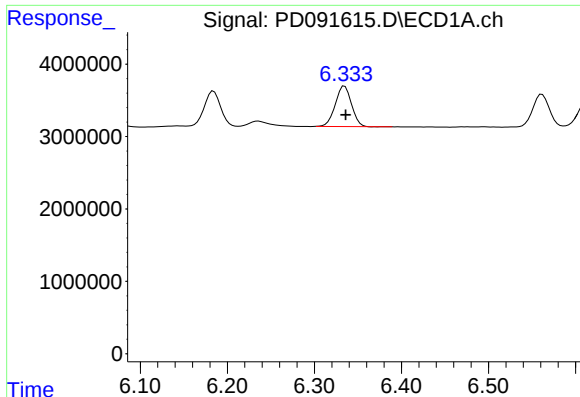
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 6261165
Conc: 1.08 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 74651966
Conc: 1.36 ng/ml m



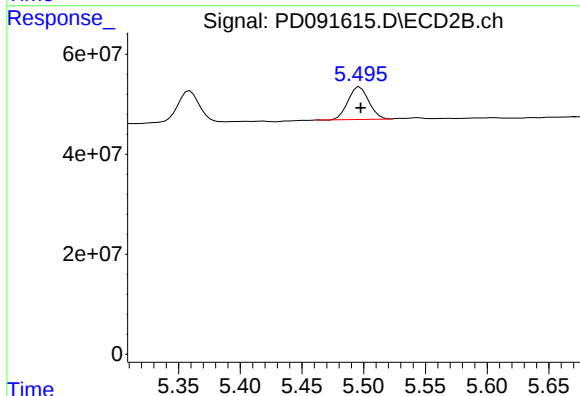
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 7224605
Conc: 1.11 ng/ml

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

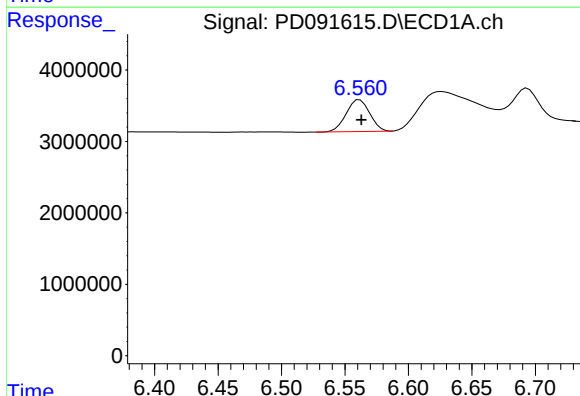
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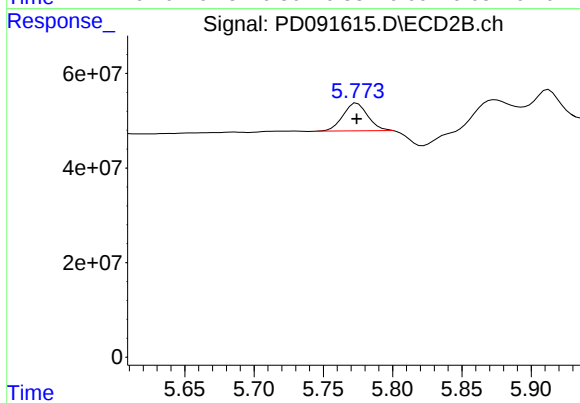
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 76843659
Conc: 1.39 ng/ml



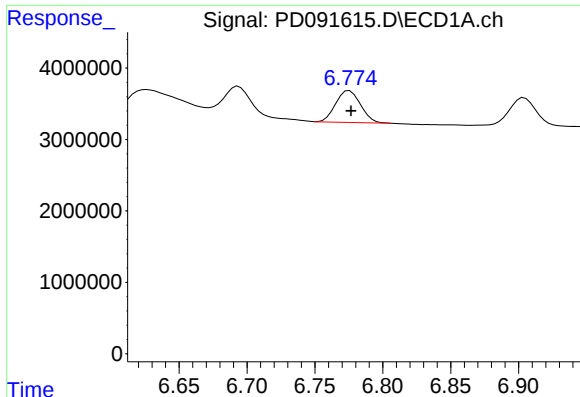
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 5717418
Conc: 1.02 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 72855913
Conc: 1.39 ng/ml m



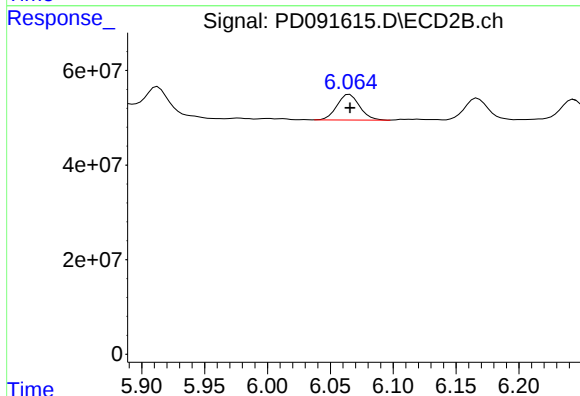
#15 Endosulfan II

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 5681643
Conc: 0.93 ng/ml

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

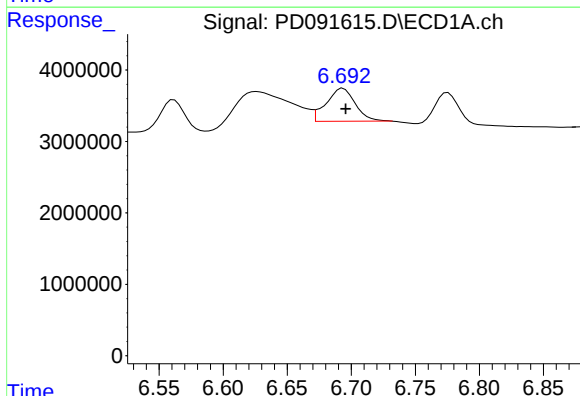
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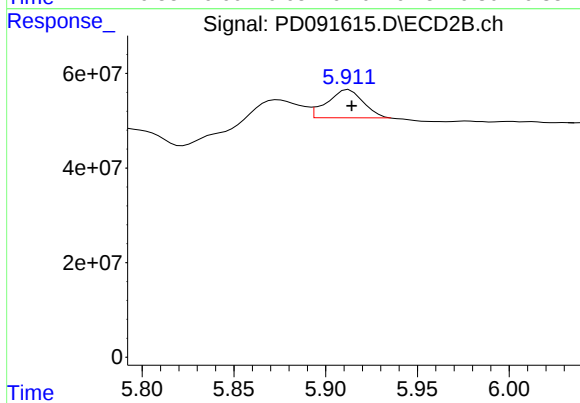
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 67901439
Conc: 1.44 ng/ml



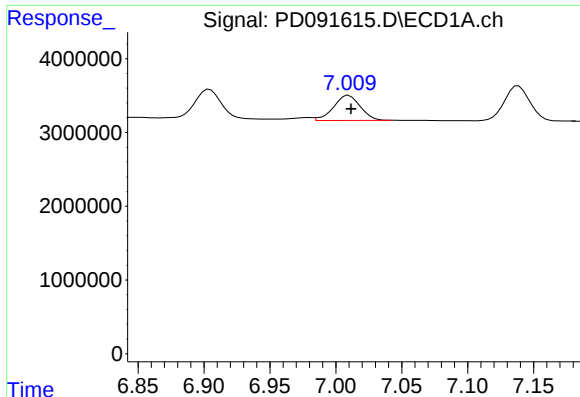
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 6370640
Conc: 1.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 79865842
Conc: 1.76 ng/ml m



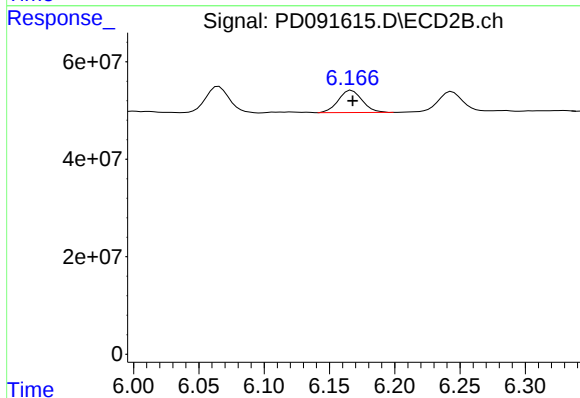
#17 4,4'-DDT

R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 4776946
Conc: 0.93 ng/ml

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

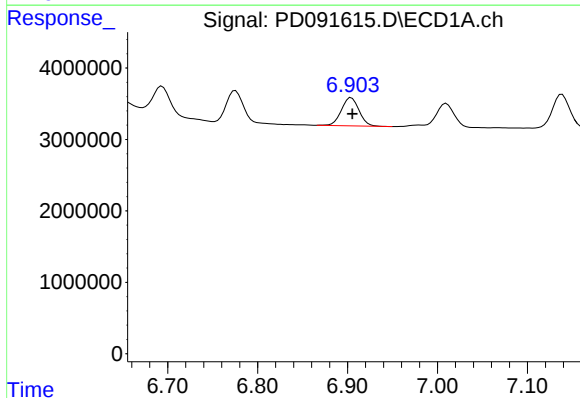
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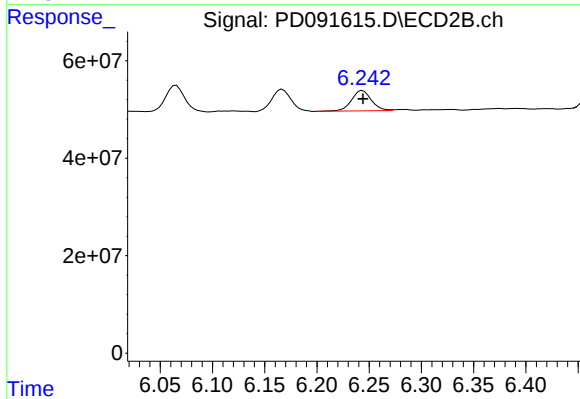
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 58280198
Conc: 1.23 ng/ml



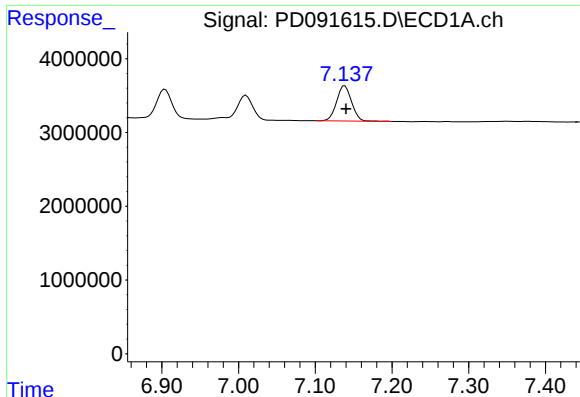
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 5406486
Conc: 1.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 54699729
Conc: 1.53 ng/ml



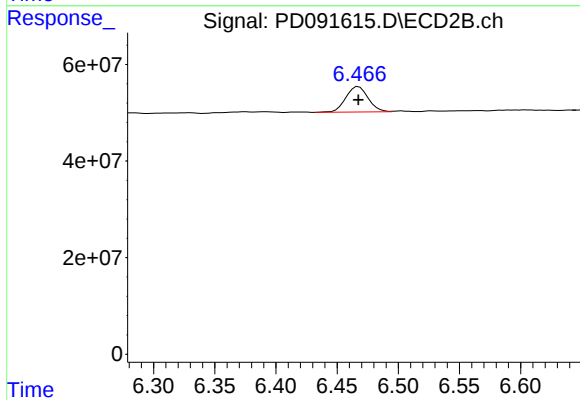
#19 Endosulfan Sulfate

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 6467458
Conc: 1.23 ng/ml

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

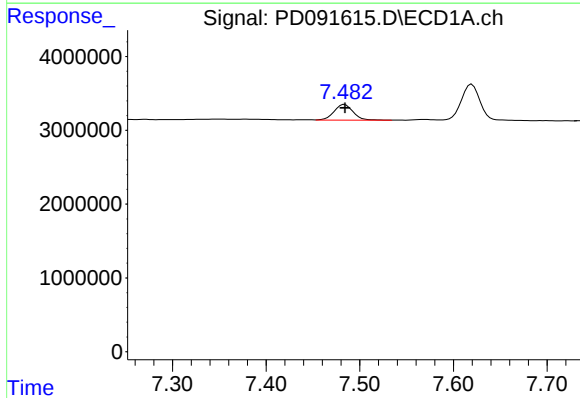
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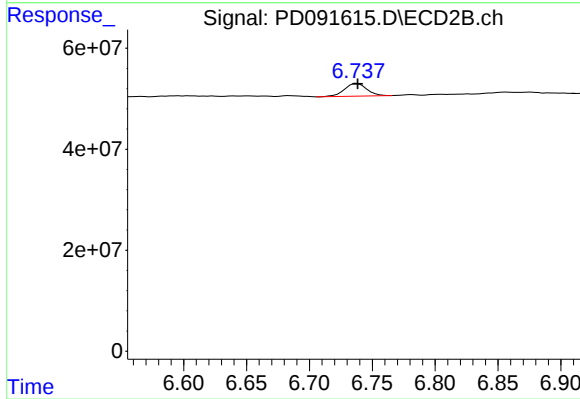
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 67198674
Conc: 1.46 ng/ml



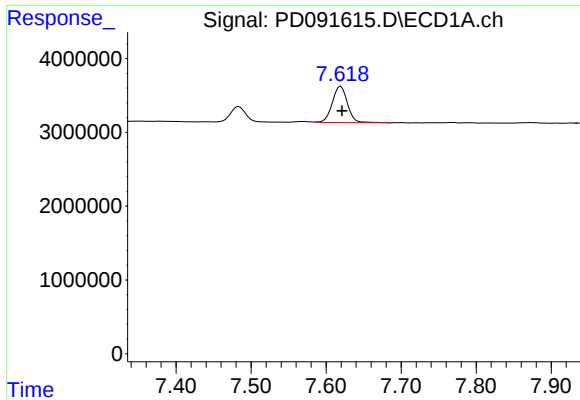
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 3024191
Conc: 1.13 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 30748581
Conc: 1.30 ng/ml



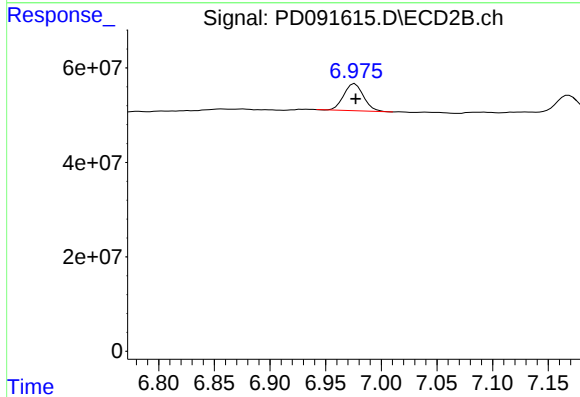
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 6916123
Conc: 1.23 ng/ml

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

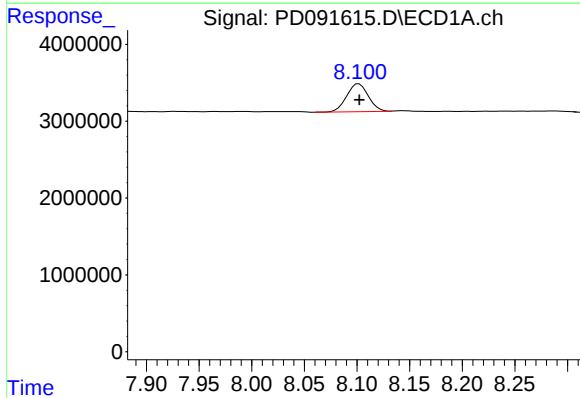
Manual Integrations
APPROVED

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



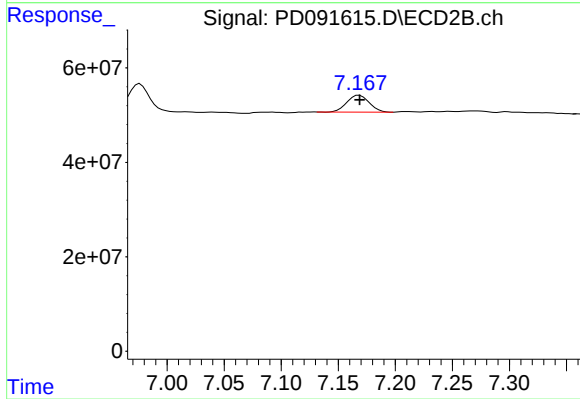
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 70633737
Conc: 1.45 ng/ml



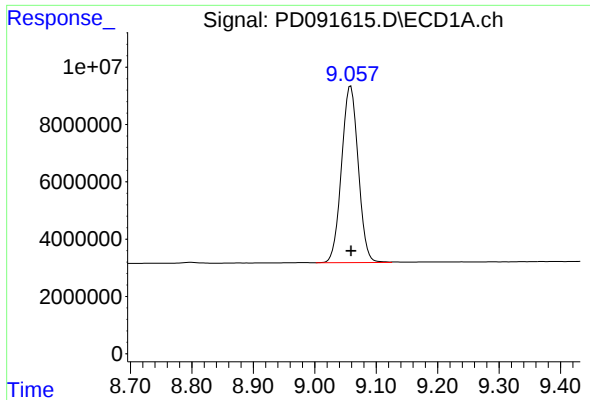
#22 Mirex

R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 5218883
Conc: 1.40 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 48319040
Conc: 1.47 ng/ml



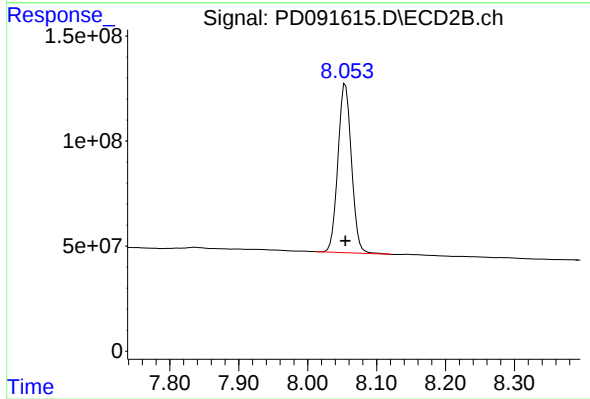
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 116204570
Conc: 22.36 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.: 8.055 min
Delta R.T.: 0.000 min
Response: 1097279659
Conc: 26.50 ng/ml