

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 13:31
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : PEST LOD 1PPB
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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	2.882	38029686	262.7E6	19.088	21.844
28)	SA Decachlor...	9.087	8.082	61285757	296.1E6	20.094	20.950
Target Compounds							
2)	A alpha-BHC	4.005	3.395	3666397	25721599	0.911	1.376 #
3)	MA gamma-BHC...	4.335	3.732	4390730	23871635	1.103m	1.345
4)	MA Heptachlor	4.935	4.088	3740323	23281342	1.003m	1.344 #
5)	MB Aldrin	5.279	4.373	4055421	23683553	1.060	1.356m#
6)	B beta-BHC	4.521	4.029	2020763	11091280	1.280	1.454
7)	B delta-BHC	4.770	4.265	5400456	24474661	1.339	1.352m
8)	B Heptachlo...	5.697	4.877	3884073	21634598	1.136m	1.370m
9)	A Endosulfan I	6.082	5.252	3417925	19554285	1.085	1.312m
10)	B gamma-Chl...	5.952	5.131	3147090	22024477	0.952m	1.354m#
11)	B alpha-Chl...	6.033	5.195	3591309	21715428	1.078m	1.361m#
12)	B 4,4'-DDE	6.202	5.381	3079555	20900082	1.021m	1.328m#
13)	MA Dieldrin	6.356	5.518	3397207	21484030	1.006	1.319m#
14)	MA Endrin	6.582	5.795	2735303	21938694	0.944	1.473m#
15)	B Endosulfa...	6.793	6.087	2667516	19579090	0.929m	1.372 #
16)	A 4,4'-DDD	6.712	5.935	2856096	18969077	1.187m	1.435m
17)	MA 4,4'-DDT	7.028	6.191	1981243	11023635	0.769m	0.819
18)	B Endrin al...	6.923	6.264	2625291	16422043	1.133	1.409m
19)	B Endosulfa...	7.157	6.489	2839620	19226320	1.036	1.352 #
20)	A Methoxychlor	7.501	6.763	1326609	7096518	0.904	0.929
21)	B Endrin ke...	7.637	6.999	3171616	21621466	1.031m	1.386 #
22)	Mirex	8.123	7.194	2612531	17385430	1.127	1.373

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 13:31
Operator : AR\AJ
Sample : Q1168-07
Misc : PEST LOD 1PPB
ALS Vial : 10 Sample Multiplier: 1

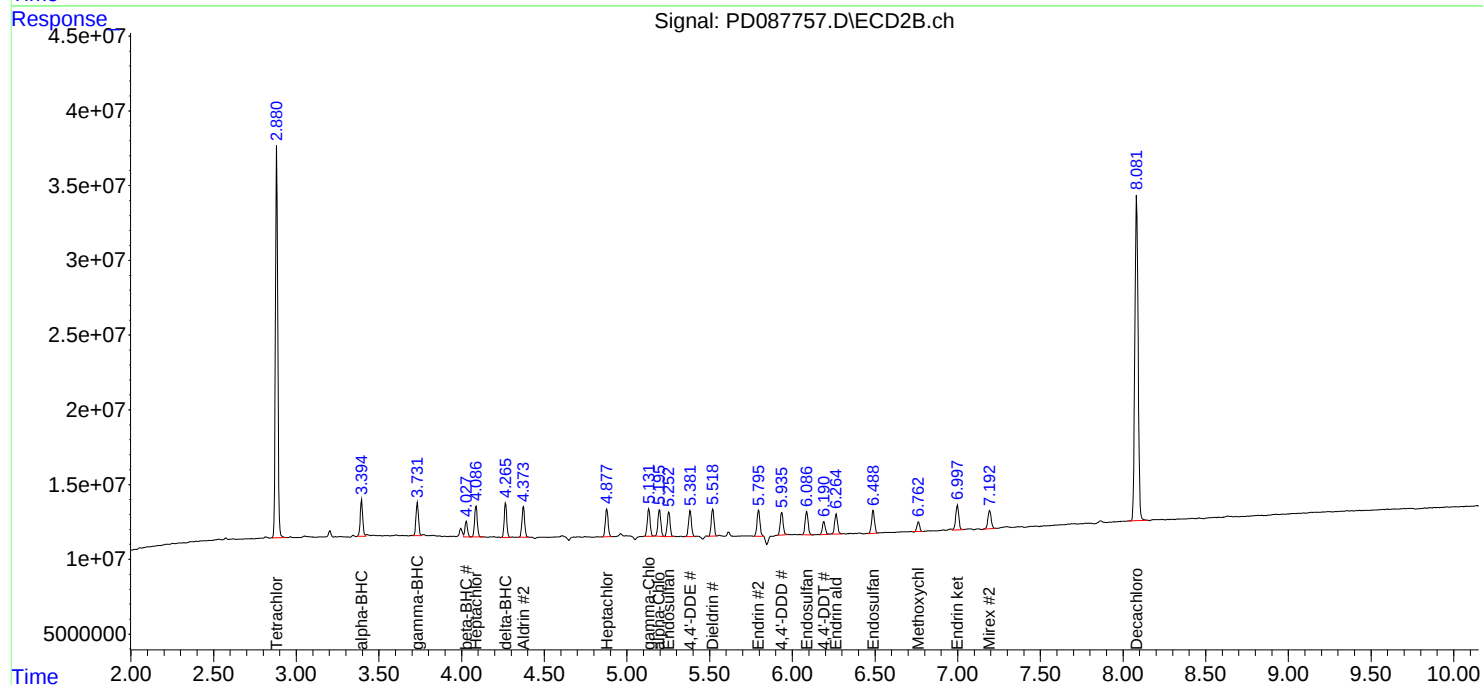
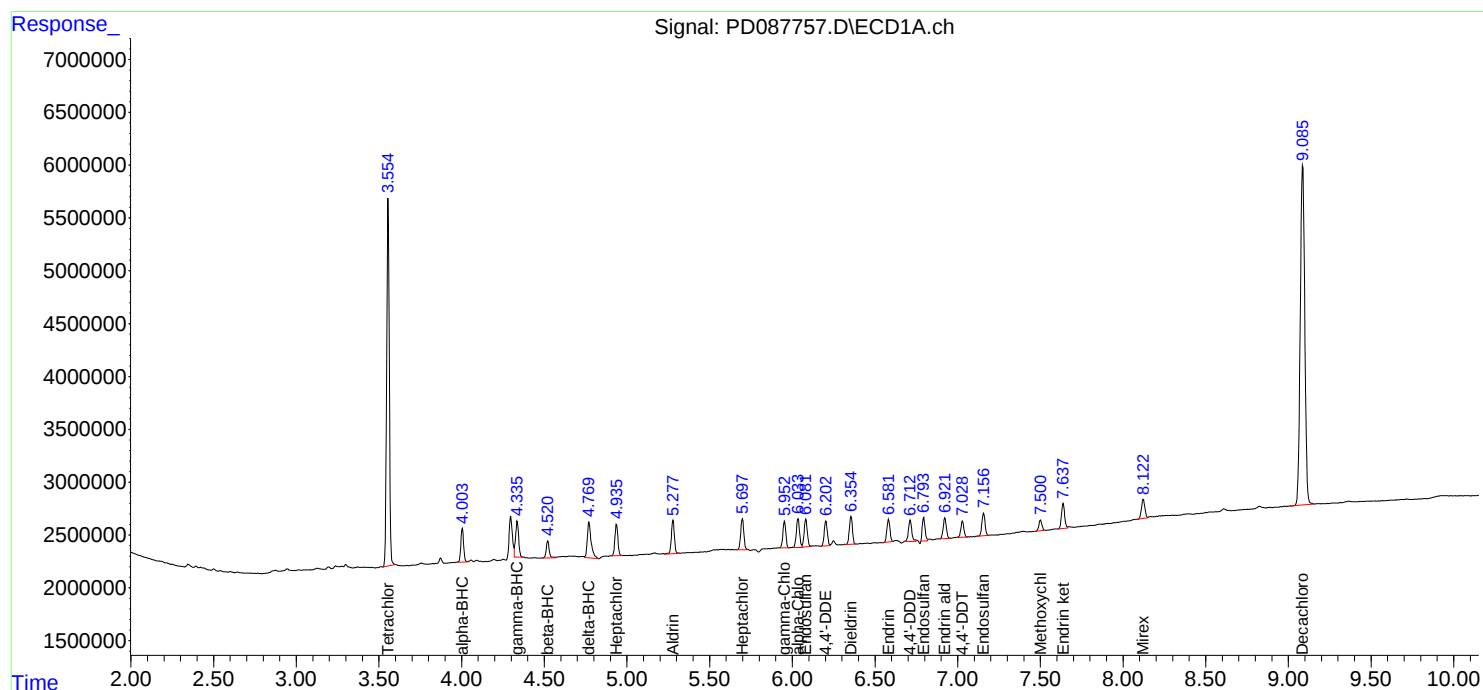
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

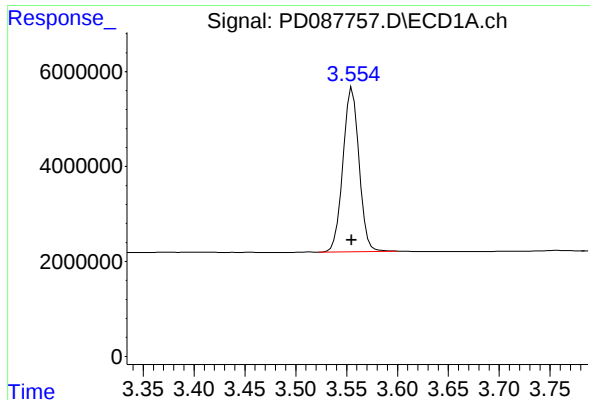
Manual Integrations
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Supervised By : Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:24:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





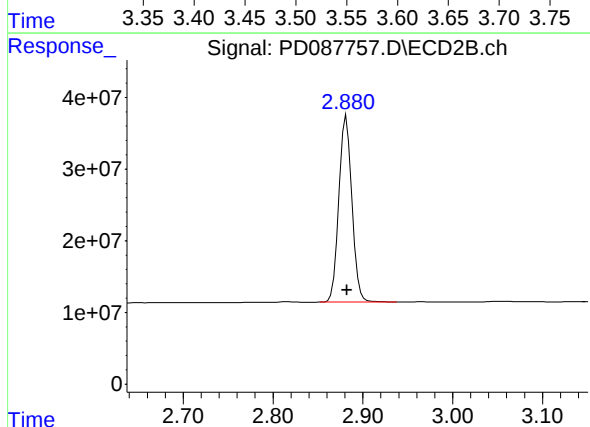
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.000 min
Response: 38029686
Conc: 19.09 ng/ml

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

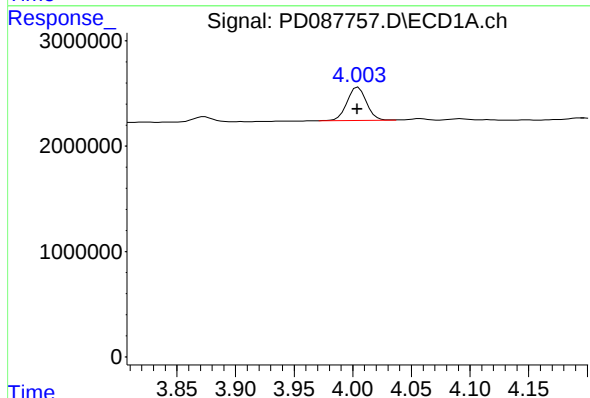
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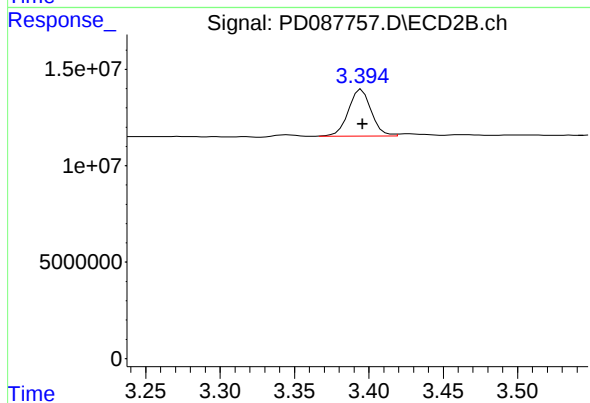
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 262715561
Conc: 21.84 ng/ml



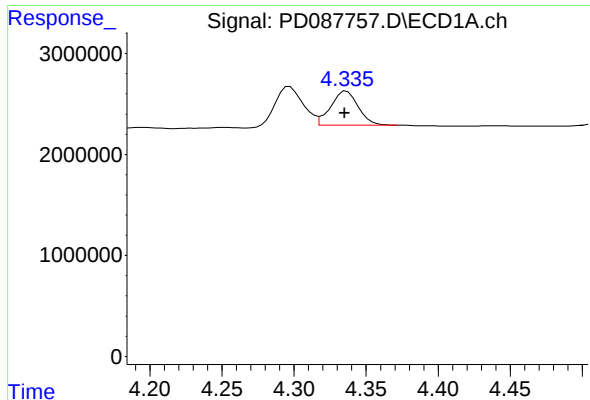
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 3666397
Conc: 0.91 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 25721599
Conc: 1.38 ng/ml



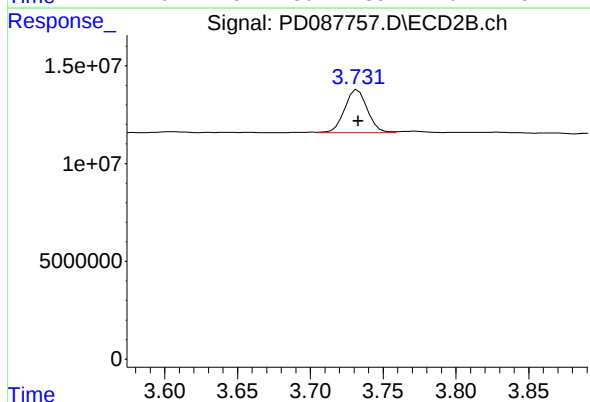
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 4390730
Conc: 1.10 ng/ml

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

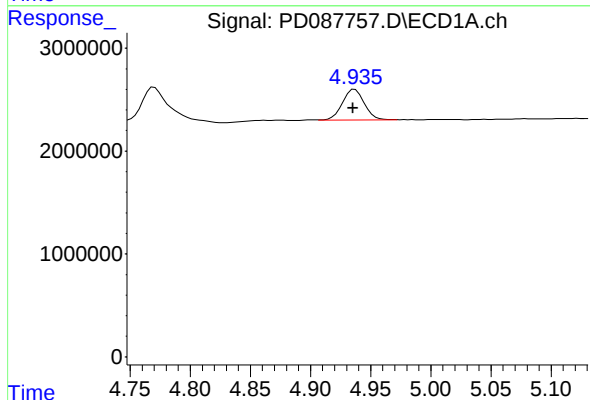
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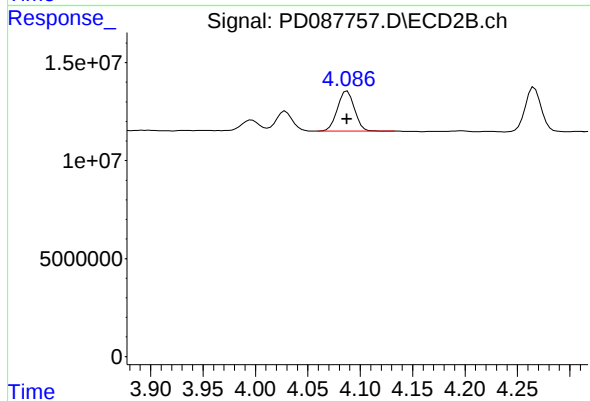
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 23871635
Conc: 1.34 ng/ml



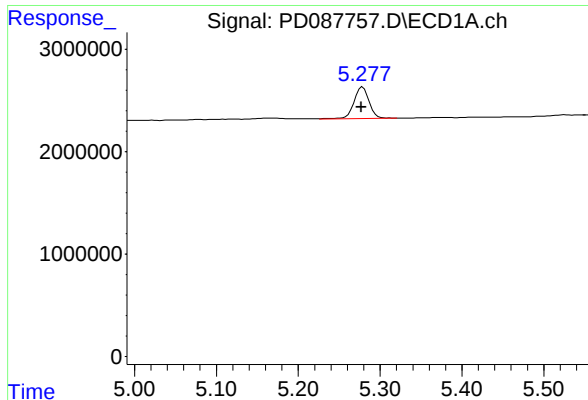
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 3740323
Conc: 1.00 ng/ml m



#4 Heptachlor

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 23281342
Conc: 1.34 ng/ml



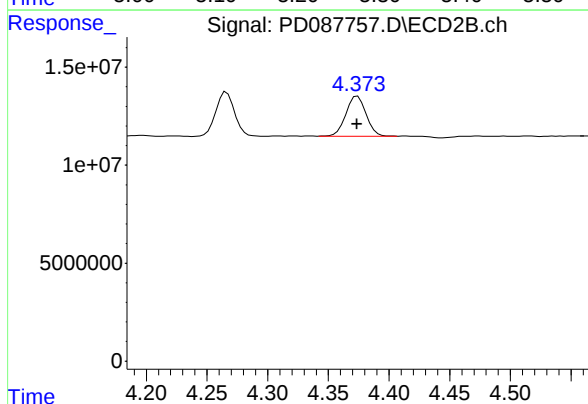
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.002 min
Response: 4055421
Conc: 1.06 ng/ml

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

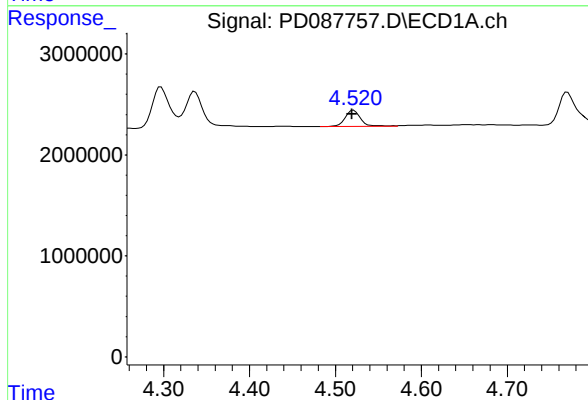
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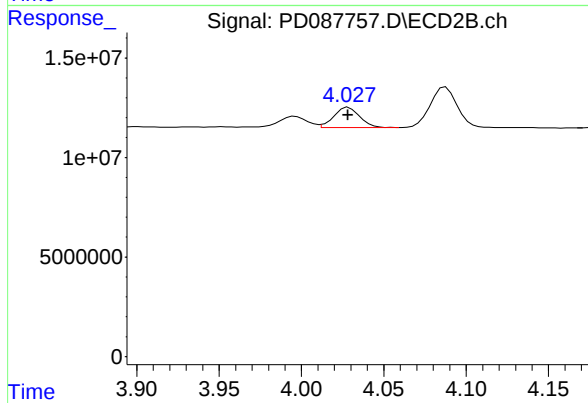
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 23683553
Conc: 1.36 ng/ml m



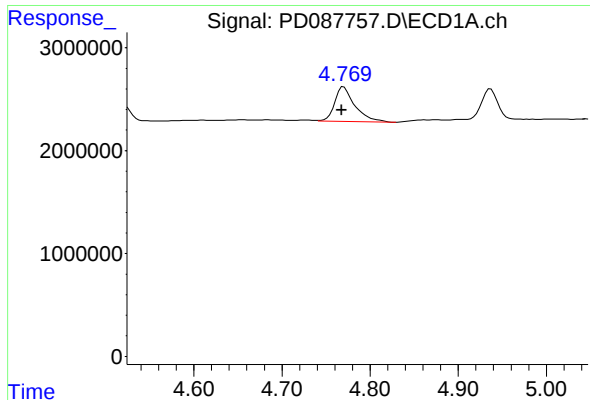
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 2020763
Conc: 1.28 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 11091280
Conc: 1.45 ng/ml



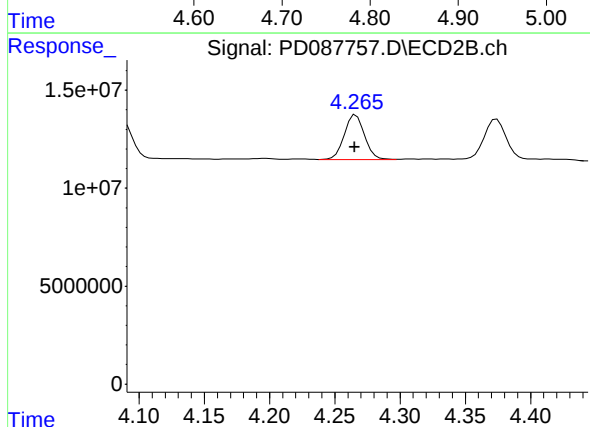
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 5400456
Conc: 1.34 ng/ml

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

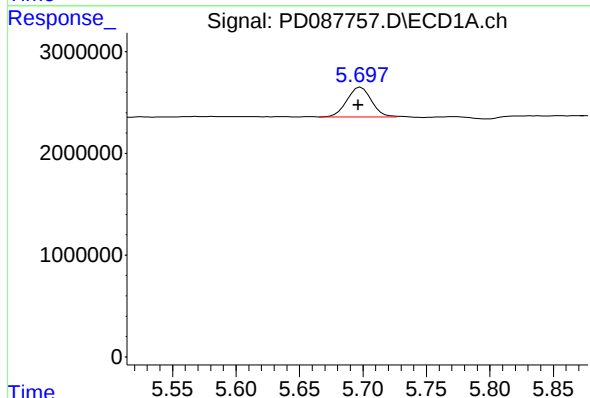
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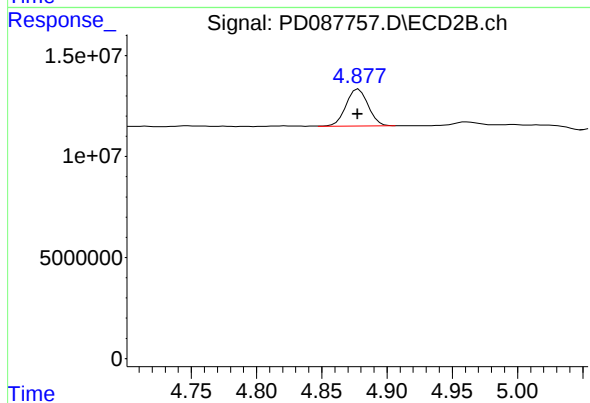
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 24474661
Conc: 1.35 ng/ml m



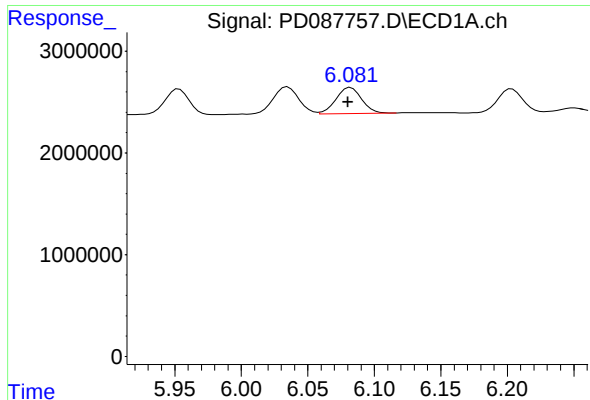
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 3884073
Conc: 1.14 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 21634598
Conc: 1.37 ng/ml m



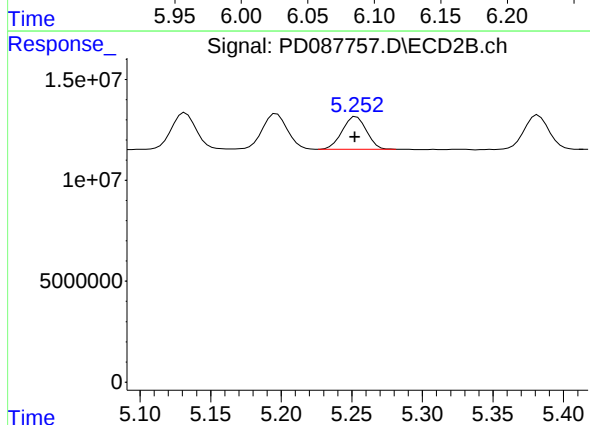
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 3417925
Conc: 1.09 ng/ml

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

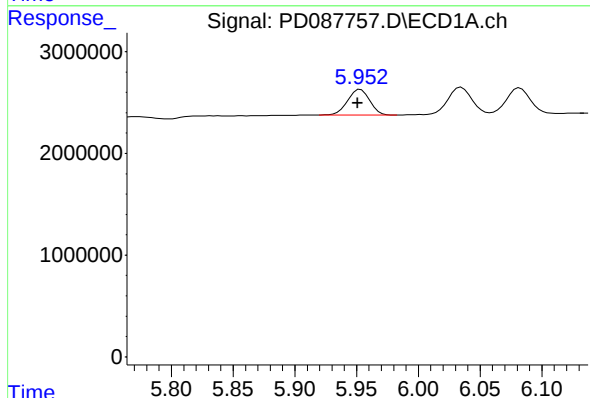
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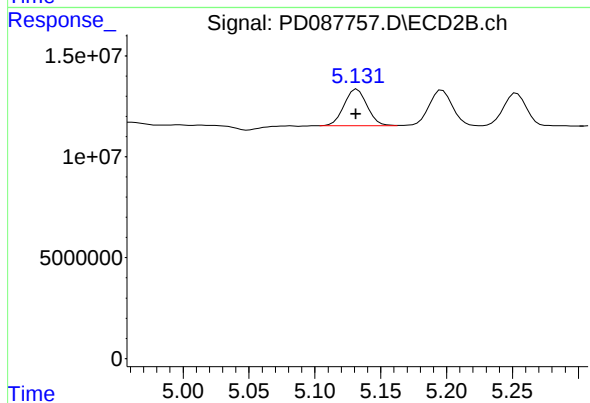
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 19554285
Conc: 1.31 ng/ml m



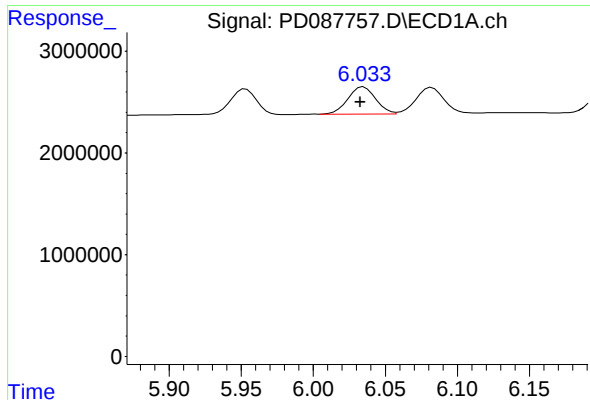
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 3147090
Conc: 0.95 ng/ml m



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 22024477
Conc: 1.35 ng/ml m



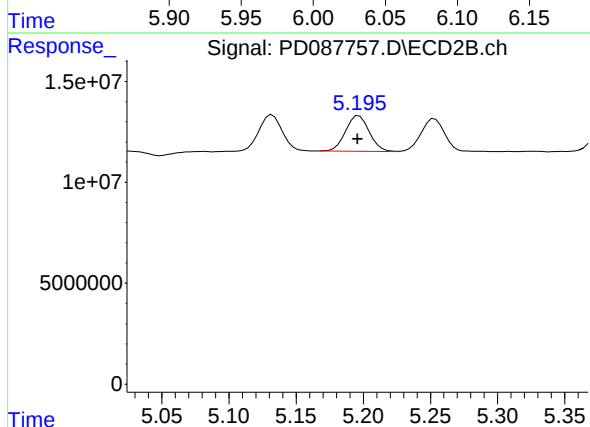
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 3591309
Conc: 1.08 ng/ml

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

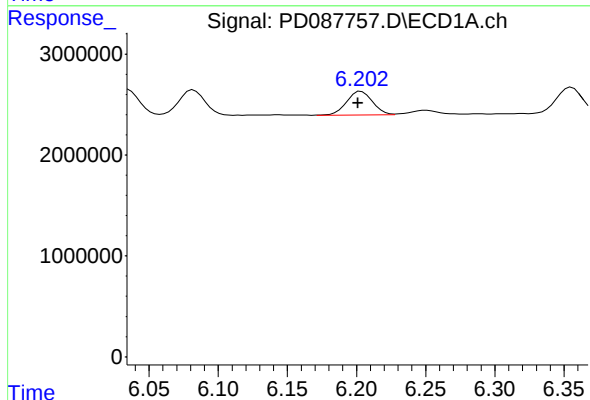
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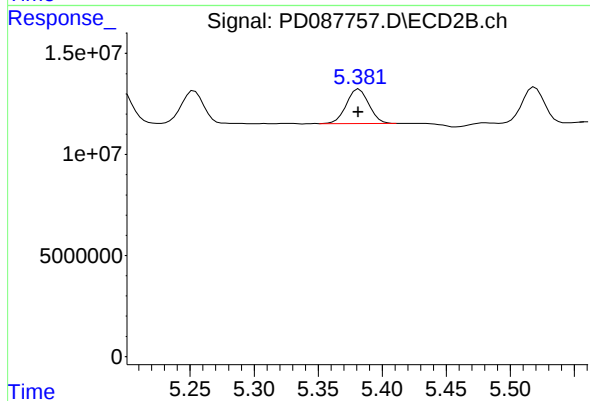
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 21715428
Conc: 1.36 ng/ml m



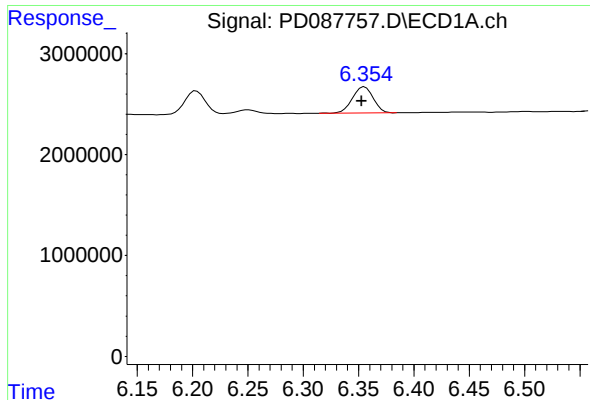
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 3079555
Conc: 1.02 ng/ml m



#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 20900082
Conc: 1.33 ng/ml m



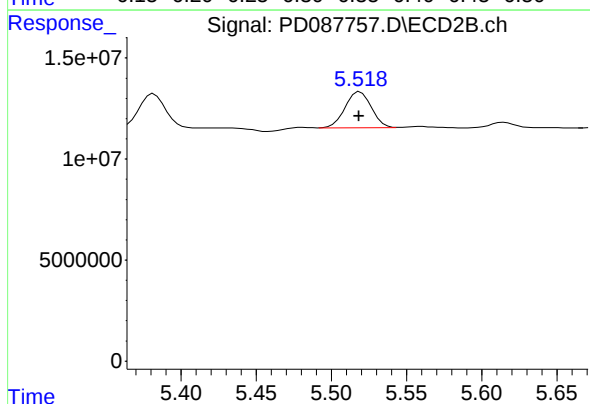
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 3397207
Conc: 1.01 ng/ml

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

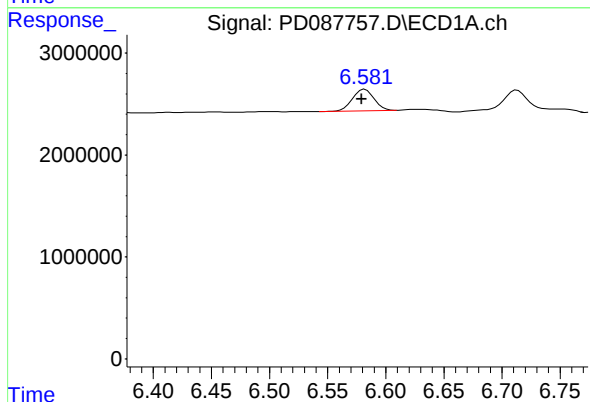
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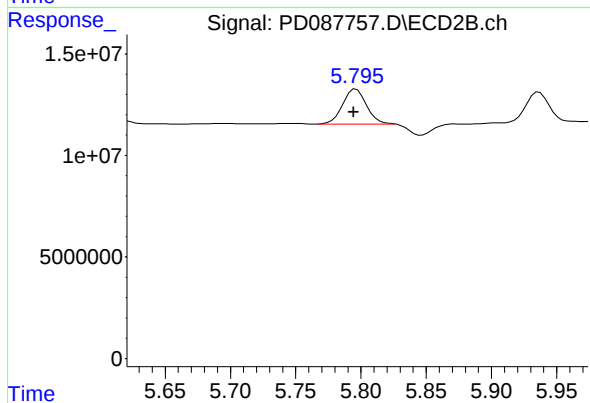
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 21484030
Conc: 1.32 ng/ml m



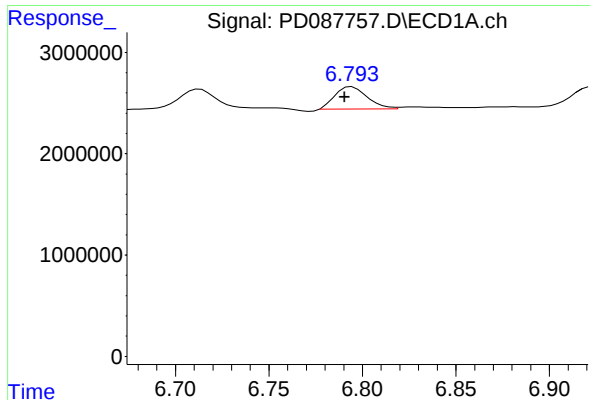
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 2735303
Conc: 0.94 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 21938694
Conc: 1.47 ng/ml m



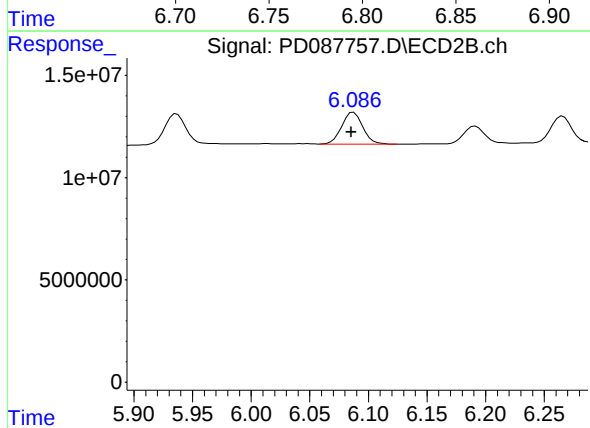
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 2667516
Conc: 0.93 ng/ml

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

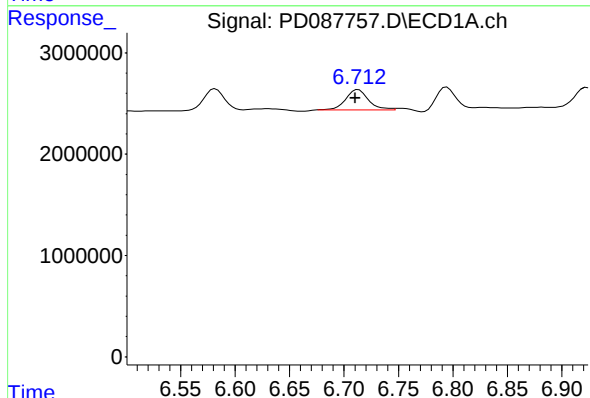
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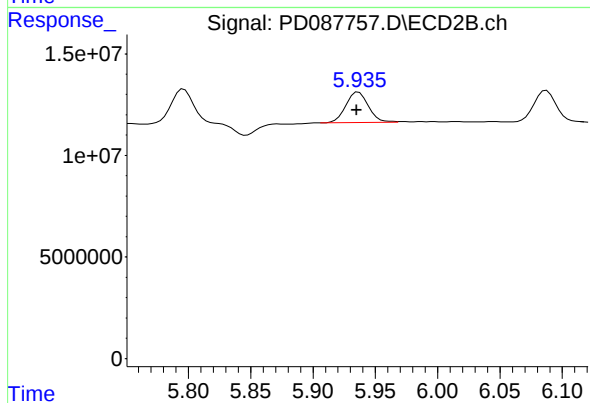
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 19579090
Conc: 1.37 ng/ml



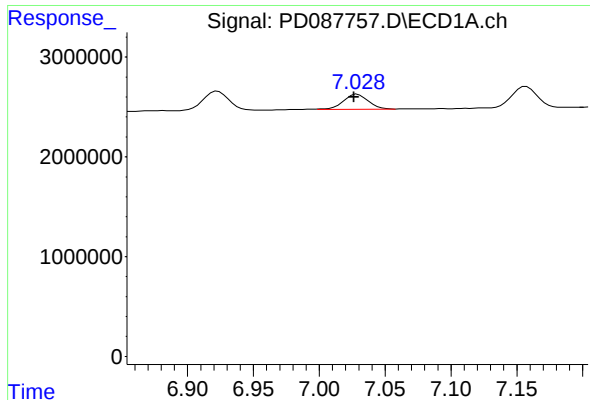
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 2856096
Conc: 1.19 ng/ml m



#16 4,4'-DDD

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 18969077
Conc: 1.43 ng/ml m



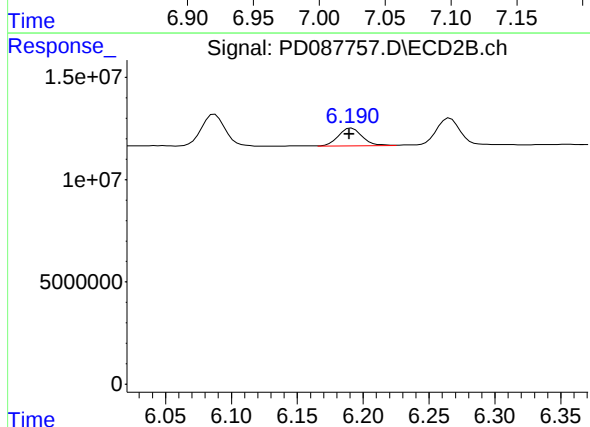
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.001 min
Response: 1981243
Conc: 0.77 ng/ml

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

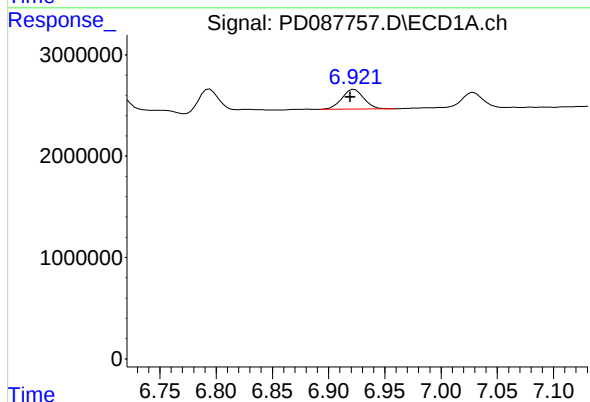
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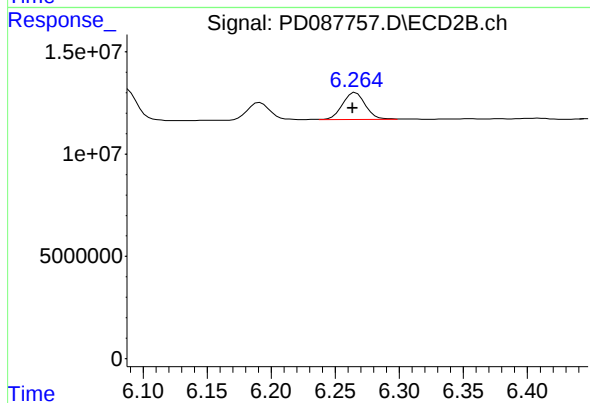
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 11023635
Conc: 0.82 ng/ml



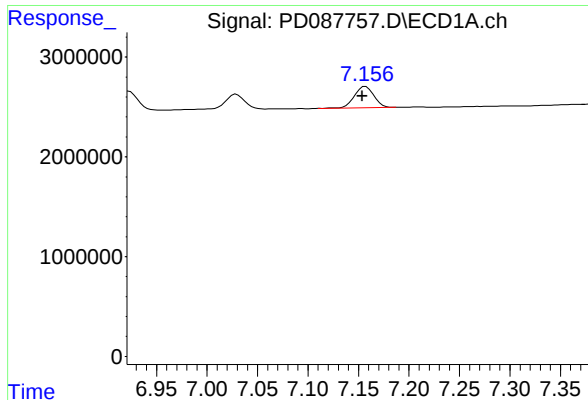
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 2625291
Conc: 1.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 16422043
Conc: 1.41 ng/ml m



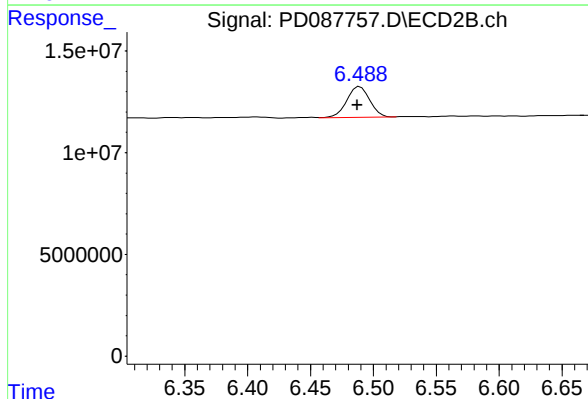
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 2839620
Conc: 1.04 ng/ml

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

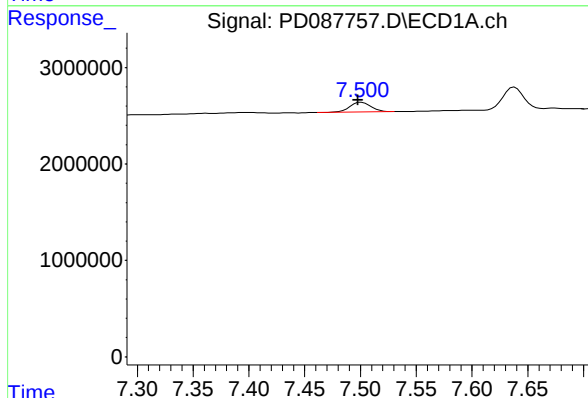
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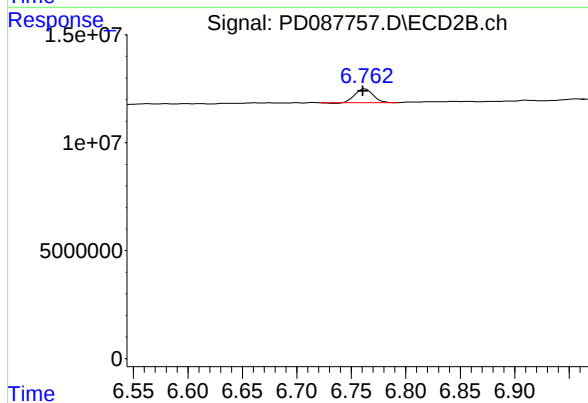
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 19226320
Conc: 1.35 ng/ml



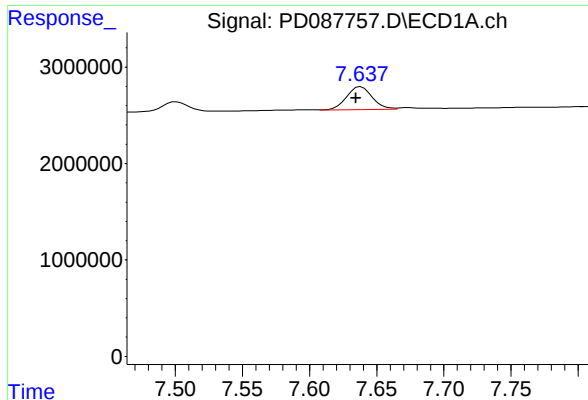
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 1326609
Conc: 0.90 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 7096518
Conc: 0.93 ng/ml



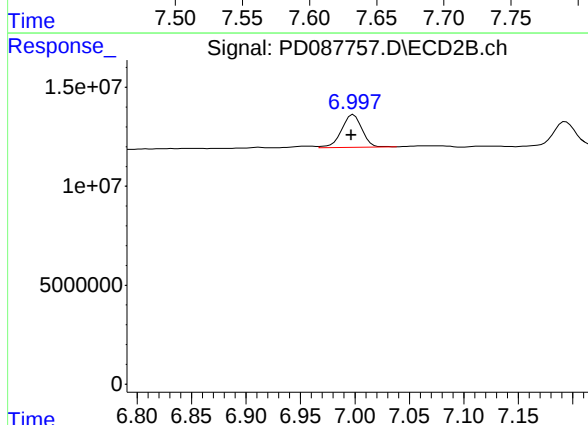
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.002 min
Response: 3171616
Conc: 1.03 ng/ml

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

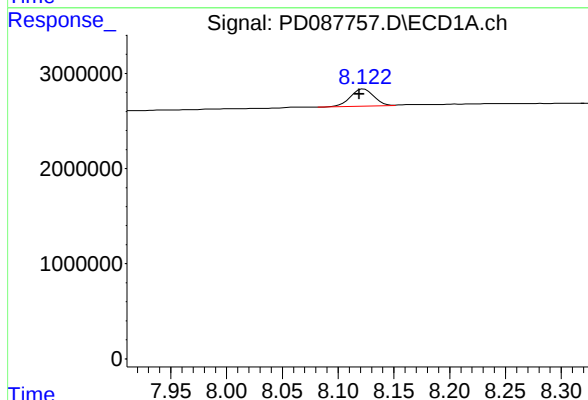
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2025
Supervised By :Ankita Jodhani 02/07/2025



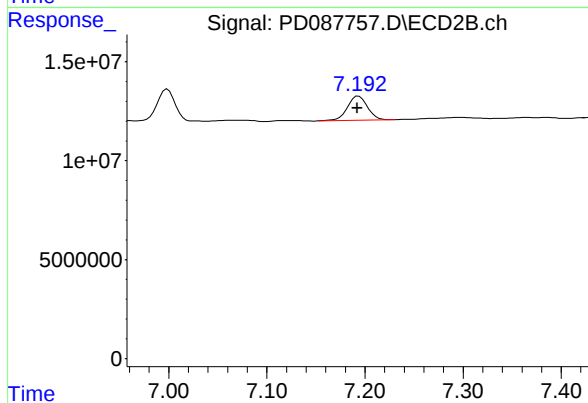
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 21621466
Conc: 1.39 ng/ml



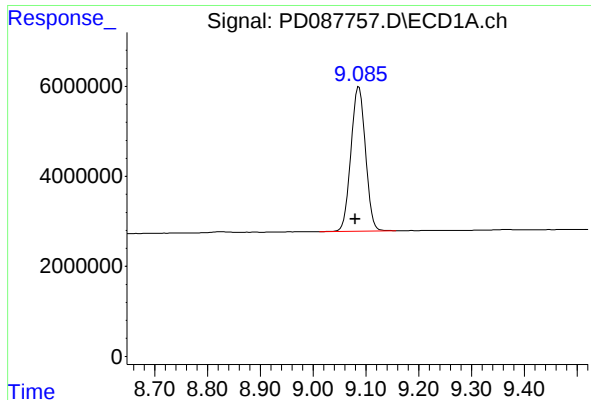
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 2612531
Conc: 1.13 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: 0.001 min
Response: 17385430
Conc: 1.37 ng/ml



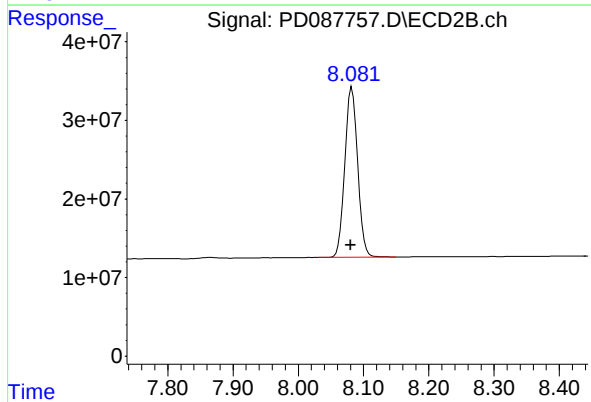
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.007 min
Response: 61285757
Conc: 20.09 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.002 min
Response: 296071287
Conc: 20.95 ng/ml