

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 17:26
 Operator : AR\AJ
 Sample : Q3530-07
 Misc : PEST LOD 1PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 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 00:49:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	2.798	110.6E6	158.7E6	21.910	22.726
28)	SA Decachlor...	8.954	7.945	80832181	145.9E6	21.274	22.184
Target Compounds							
2)	A alpha-BHC	3.942	3.300	8400324	11228975	0.993	0.979
3)	MA gamma-BHC...	4.270	3.630	8602291	10572217	1.073	0.983
4)	MA Heptachlor	4.859	3.976	8954217	10177736	1.125	0.979
5)	MB Aldrin	5.198	4.257	7644944	11634260	1.055	1.176
6)	B beta-BHC	4.460	3.926	3560895	5000229	1.064	1.078m
7)	B delta-BHC	4.703	4.158	7399549	10308096	0.955m	0.965
8)	B Heptachlo...	5.616	4.758	7421476	10434165	1.115m	1.159
9)	A Endosulfan I	5.998	5.127	6608117	14052574	1.122m	1.379m
10)	B gamma-Chl...	5.871	5.007	6976746	9471911	1.075m	0.930m
11)	B alpha-Chl...	5.951	5.072	7198476	11152406	1.109	1.088m
12)	B 4,4'-DDE	6.122	5.262	6235768	8417262	1.062	0.955
13)	MA Dieldrin	6.269	5.392	6715072	9860384	1.094m	1.052
14)	MA Endrin	6.498	5.667	5009375	8814081	0.967	1.055
15)	B Endosulfa...	6.711	5.957	6172865	9258728	1.208m	1.119m
16)	A 4,4'-DDD	6.632	5.815	5519151	8853042	1.192	1.180
17)	MA 4,4'-DDT	6.944	6.065	3742120	5079581	0.781m	0.662m
18)	B Endrin al...	6.839	6.137	4626272	7689023	1.174m	1.204
19)	B Endosulfa...	7.073	6.358	4354581	9296399	0.878m	1.142m#
20)	A Methoxychlor	7.418	6.638	2228468	3030609	0.885m	0.725m
21)	B Endrin ke...	7.551	6.862	6215640	10757969	1.196m	1.206m
22)	Mirex	8.027	7.052	3786333	8997048	1.098m	1.394 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 17:26
Operator : AR\AJ
Sample : Q3530-07
Misc : PEST LOD 1PPB
ALS Vial : 19 Sample Multiplier: 1

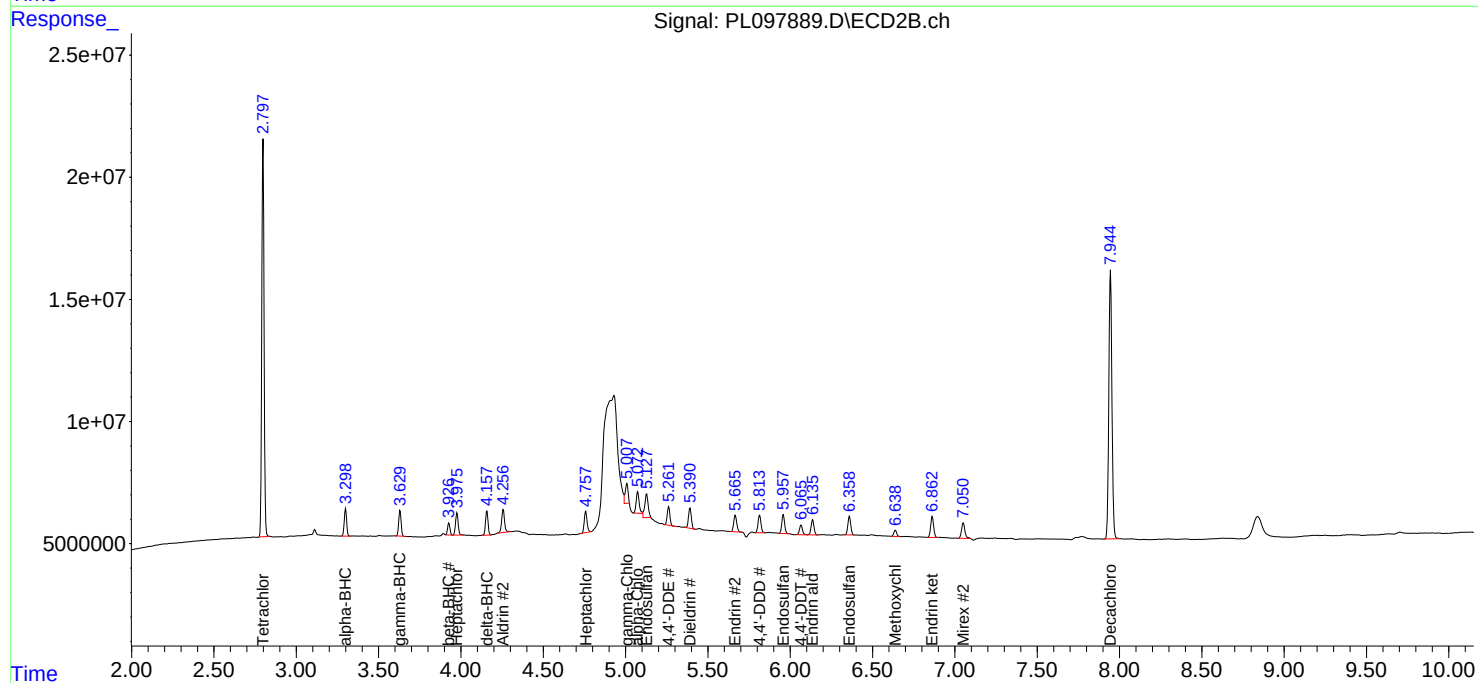
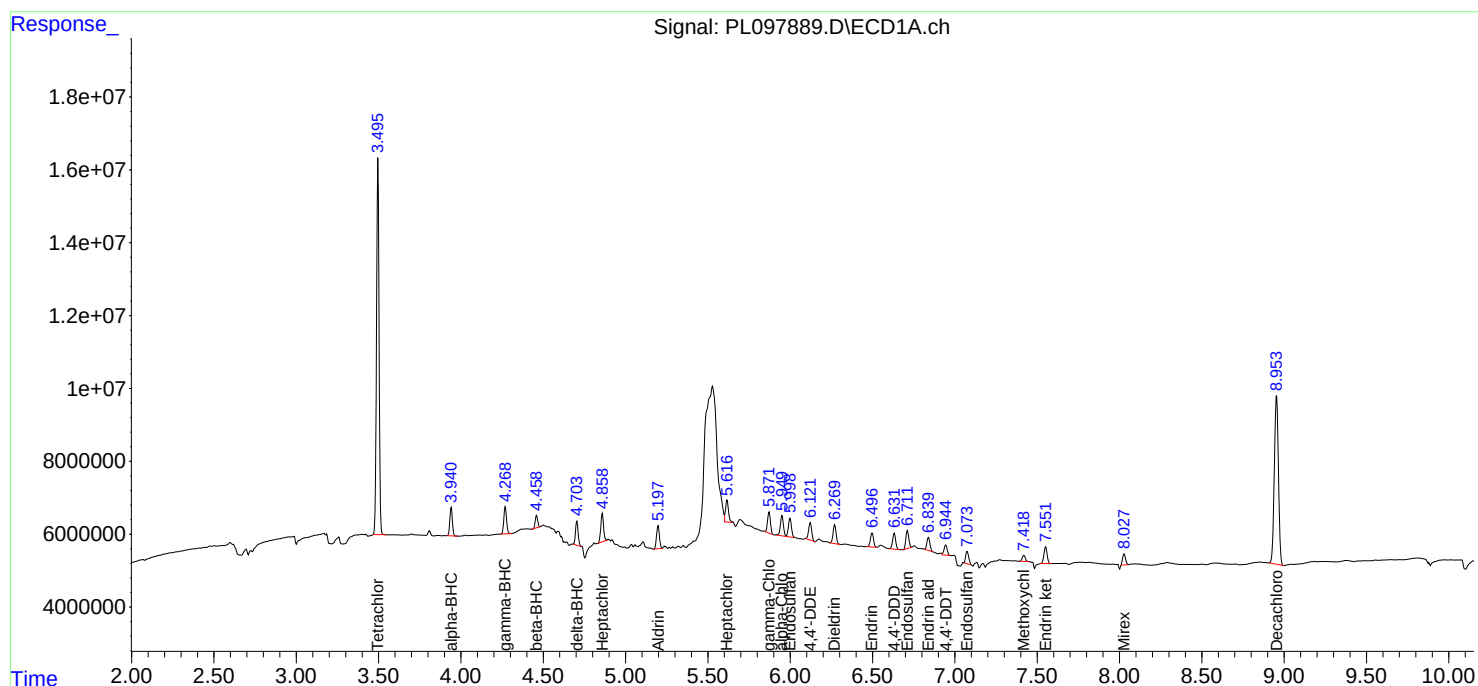
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

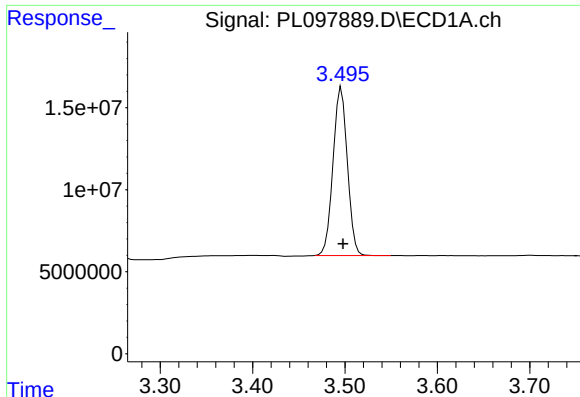
Manual Integrations
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Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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 x0.25µm





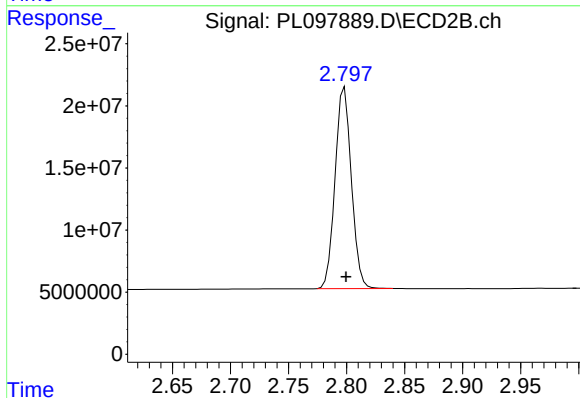
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 110577915
Conc: 21.91 ng/ml

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

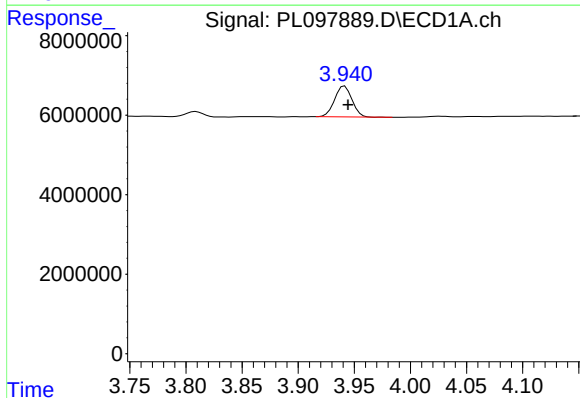
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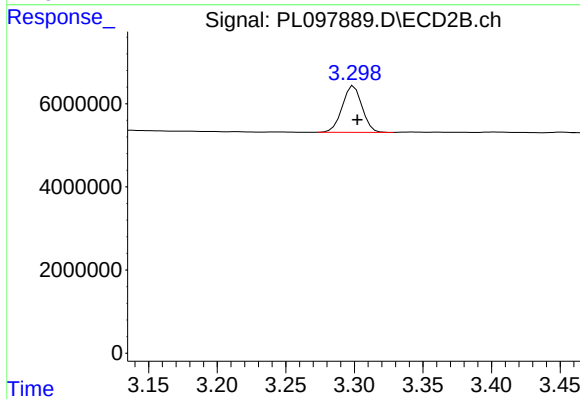
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: -0.001 min
Response: 158748297
Conc: 22.73 ng/ml



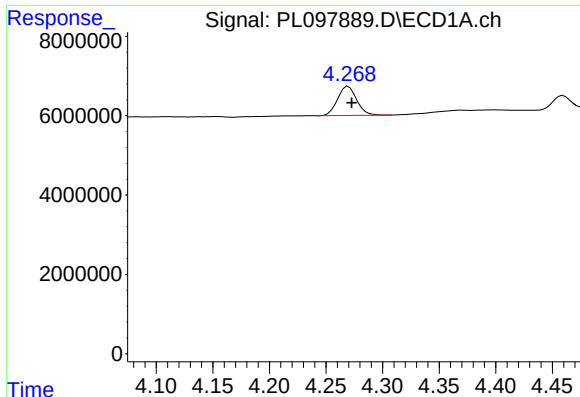
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 8400324
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 11228975
Conc: 0.98 ng/ml



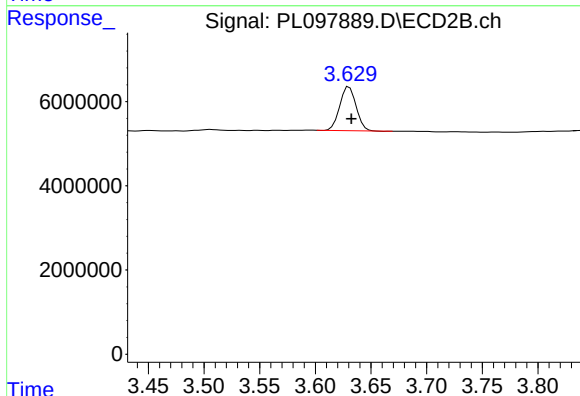
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 8602291
Conc: 1.07 ng/ml

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

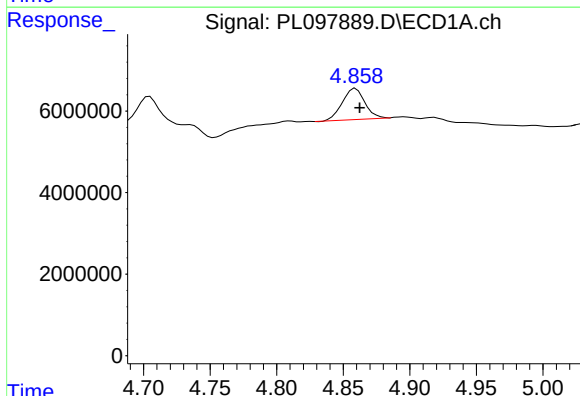
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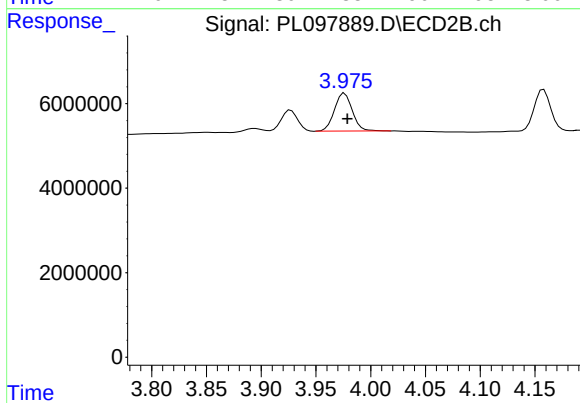
#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.002 min
Response: 10572217
Conc: 0.98 ng/ml



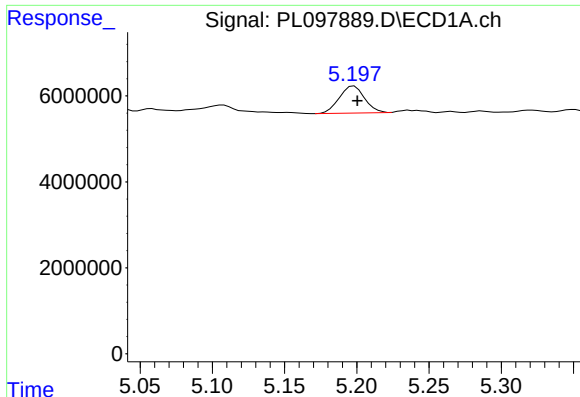
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 8954217
Conc: 1.12 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 10177736
Conc: 0.98 ng/ml



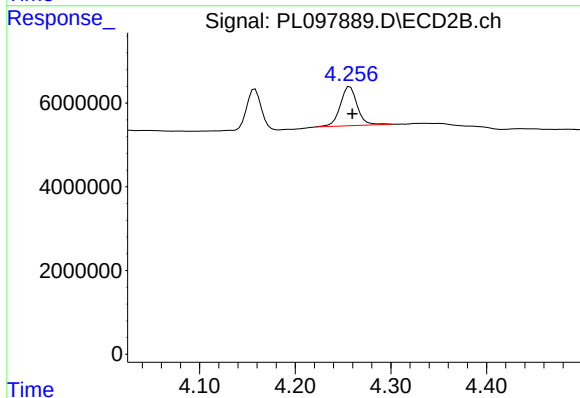
#5 Aldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 7644944
Conc: 1.06 ng/ml

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

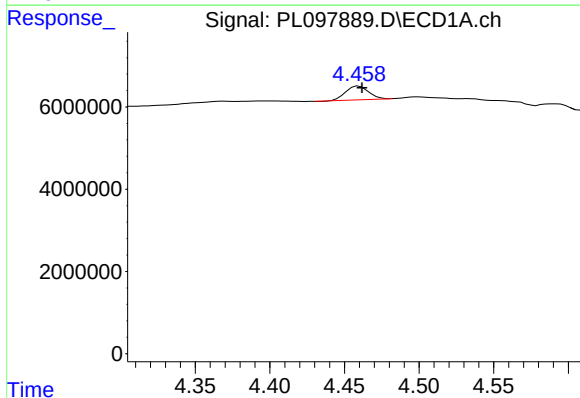
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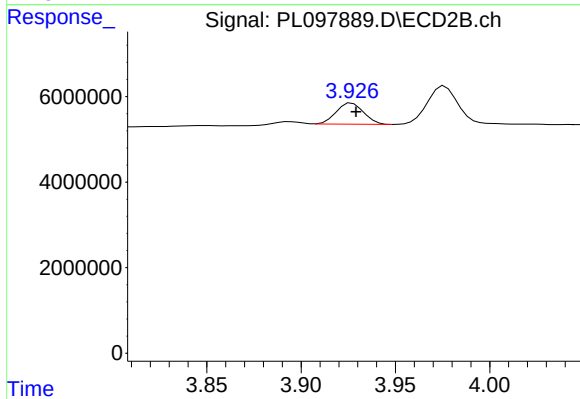
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 11634260
Conc: 1.18 ng/ml



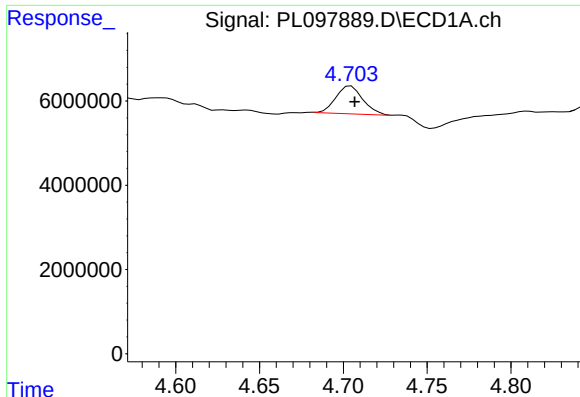
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 3560895
Conc: 1.06 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 5000229
Conc: 1.08 ng/ml m



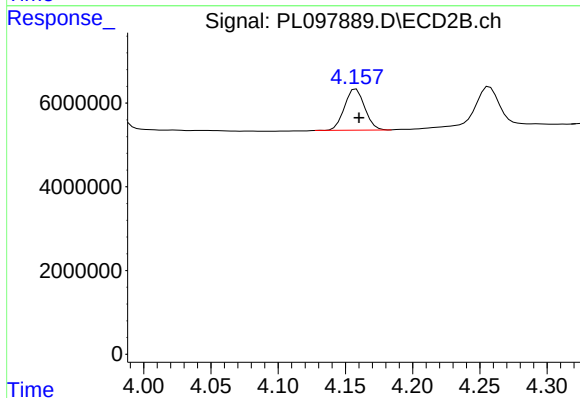
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.003 min
Response: 7399549
Conc: 0.96 ng/ml

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

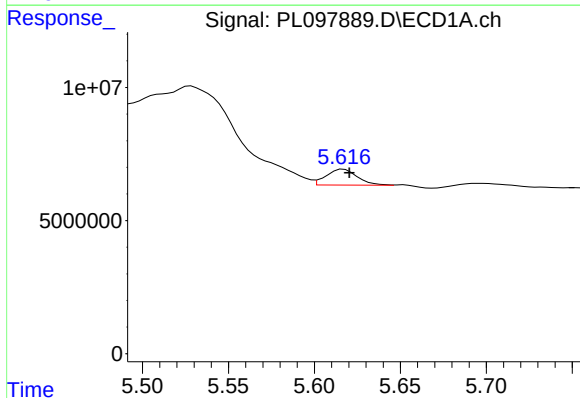
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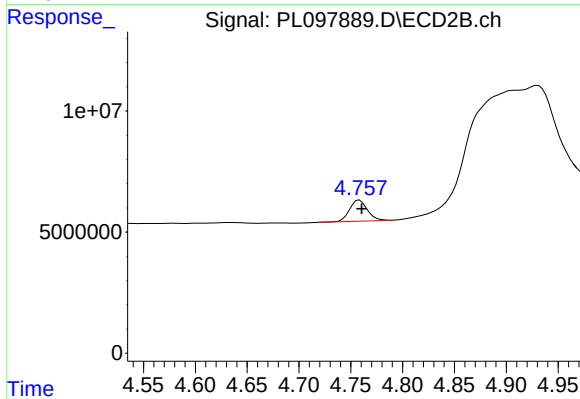
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: -0.002 min
Response: 10308096
Conc: 0.96 ng/ml



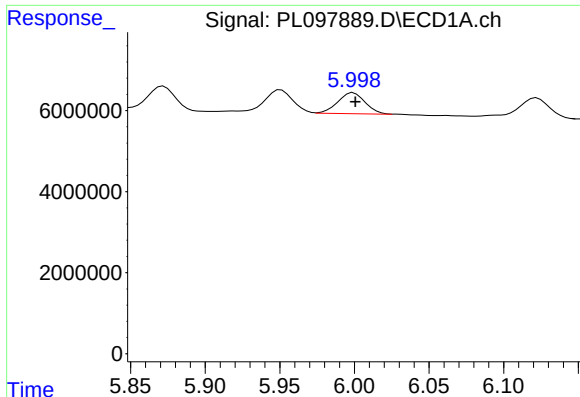
#8 Heptachlor epoxide

R.T.: 5.616 min
Delta R.T.: -0.005 min
Response: 7421476
Conc: 1.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 10434165
Conc: 1.16 ng/ml



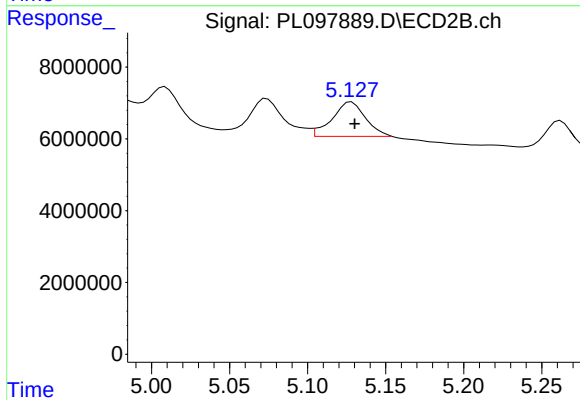
#9 Endosulfan I

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 6608117
Conc: 1.12 ng/ml

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

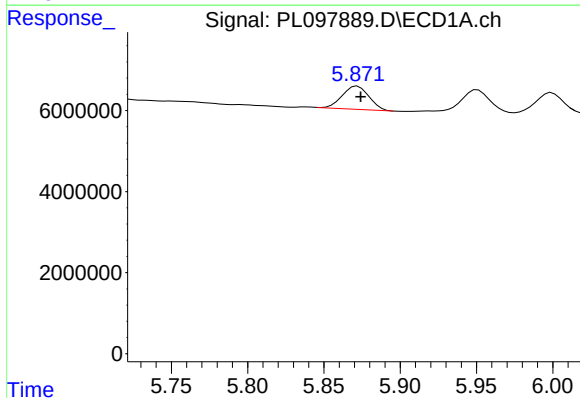
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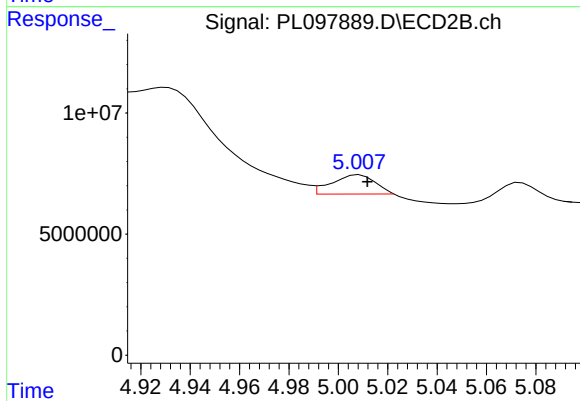
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 14052574
Conc: 1.38 ng/ml m



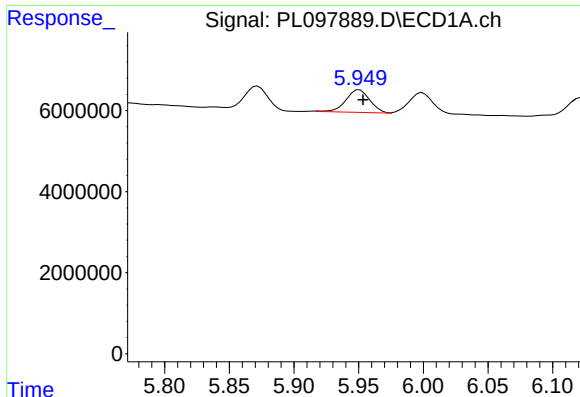
#10 gamma-Chlordane

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 6976746
Conc: 1.07 ng/ml m



#10 gamma-Chlordane

R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 9471911
Conc: 0.93 ng/ml m



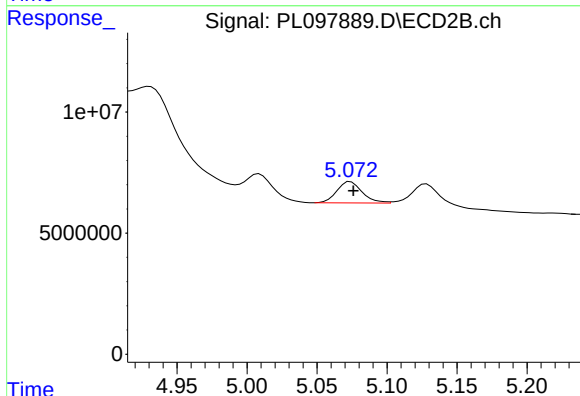
#11 alpha-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 7198476
Conc: 1.11 ng/ml

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

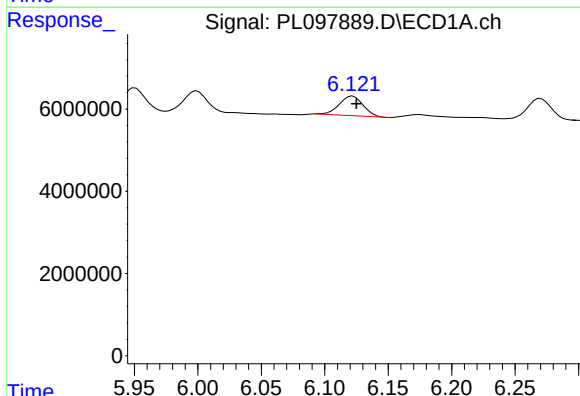
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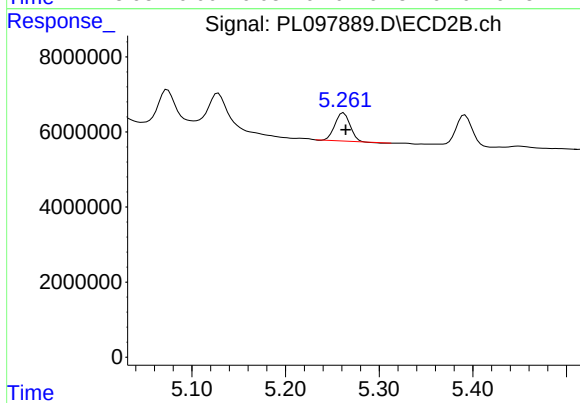
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 11152406
Conc: 1.09 ng/ml m



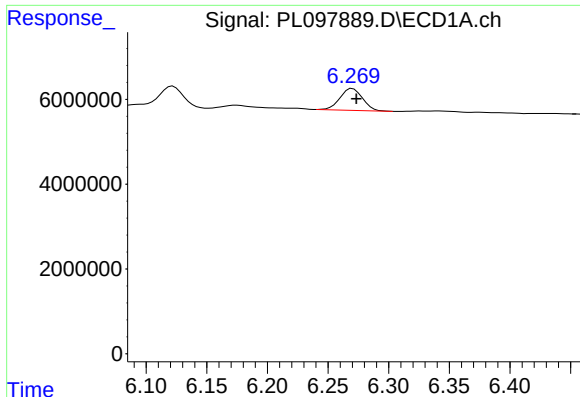
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 6235768
Conc: 1.06 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 8417262
Conc: 0.96 ng/ml



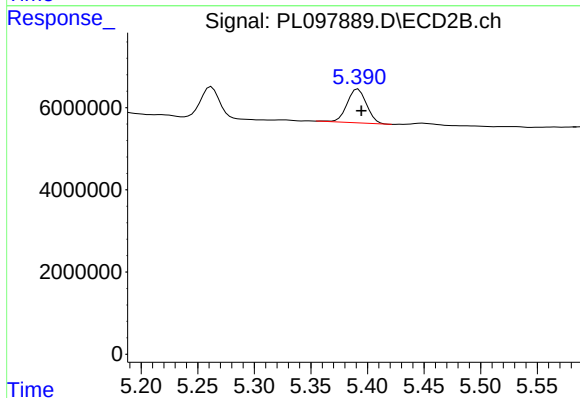
#13 Dieldrin

R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 6715072
Conc: 1.09 ng/ml

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

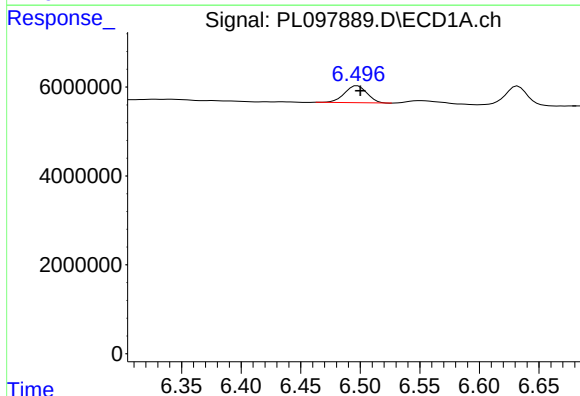
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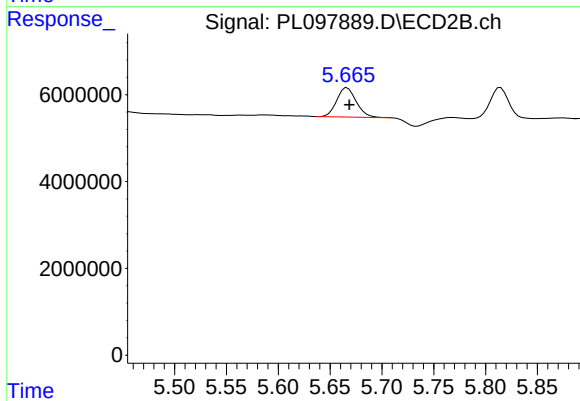
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: -0.003 min
Response: 9860384
Conc: 1.05 ng/ml



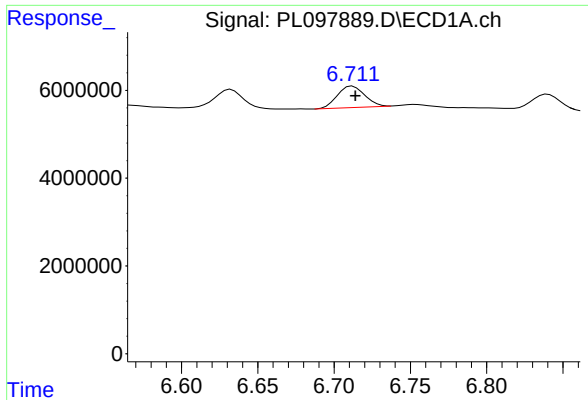
#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 5009375
Conc: 0.97 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 8814081
Conc: 1.05 ng/ml



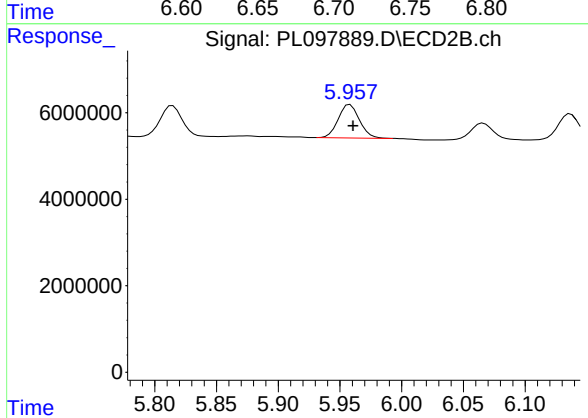
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 6172865
Conc: 1.21 ng/ml

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

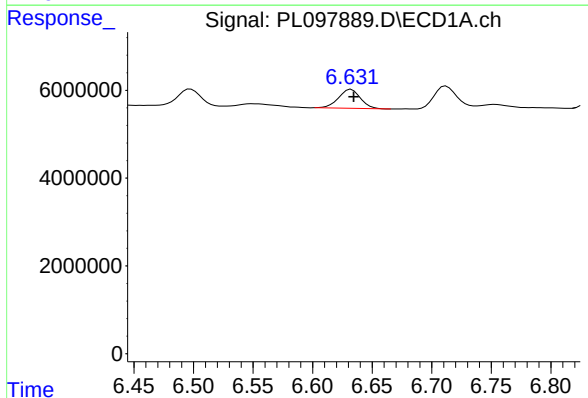
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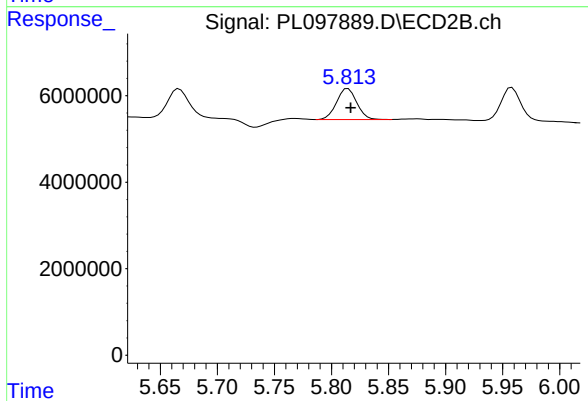
#15 Endosulfan II

R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 9258728
Conc: 1.12 ng/ml m



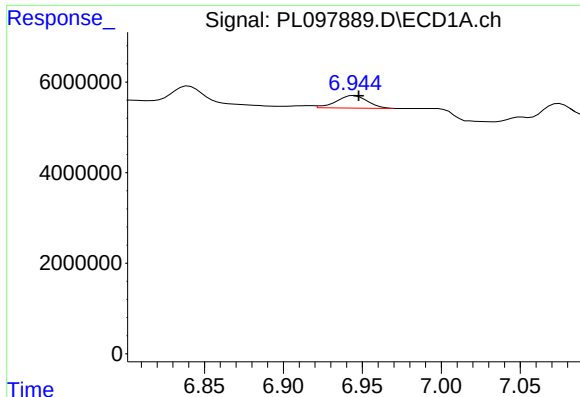
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 5519151
Conc: 1.19 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 8853042
Conc: 1.18 ng/ml



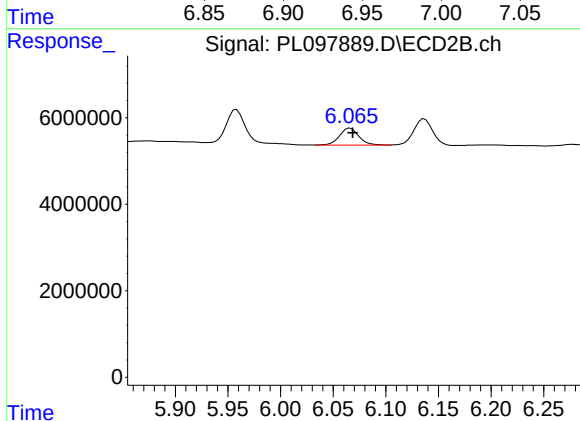
#17 4,4'-DDT

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 3742120
Conc: 0.78 ng/ml

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

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#17 4,4'-DDT

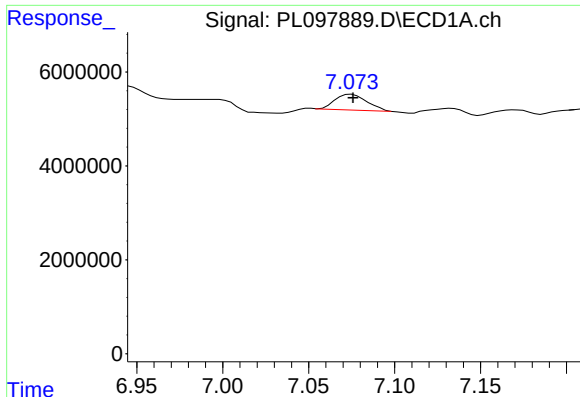
R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 5079581
Conc: 0.66 ng/ml m

#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 4626272
Conc: 1.17 ng/ml m

#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 7689023
Conc: 1.20 ng/ml



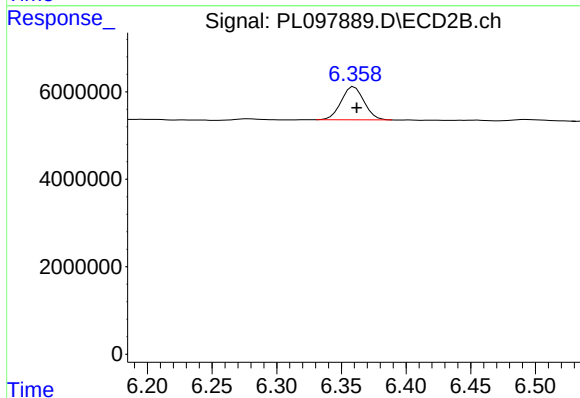
#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 4354581
Conc: 0.88 ng/ml

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

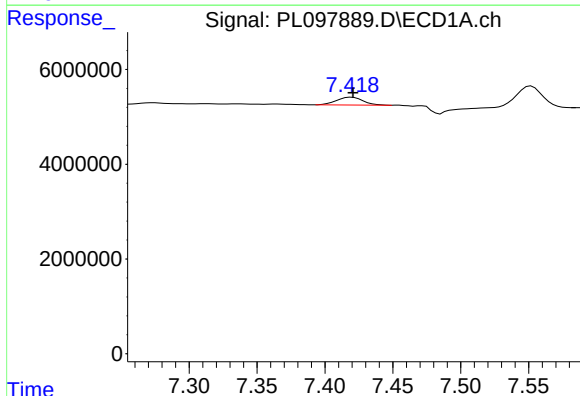
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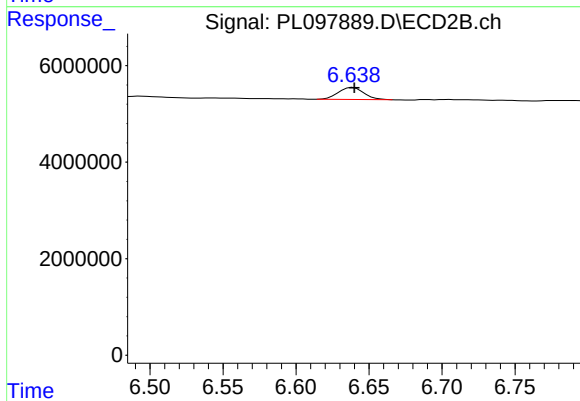
#19 Endosulfan Sulfate

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 9296399
Conc: 1.14 ng/ml m



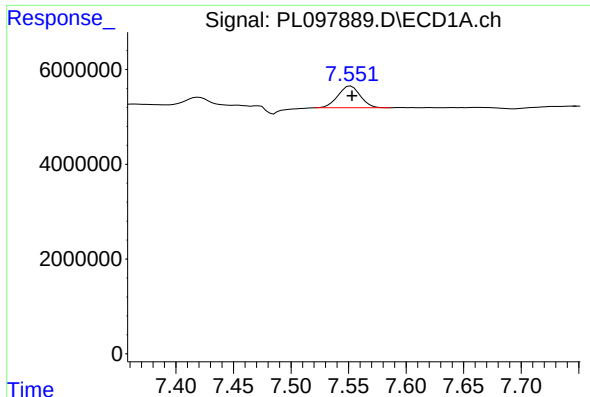
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 2228468
Conc: 0.89 ng/ml m



#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 3030609
Conc: 0.73 ng/ml m



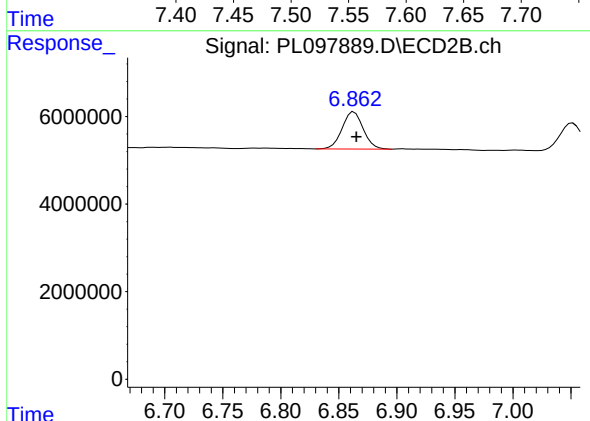
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 6215640
Conc: 1.20 ng/ml

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

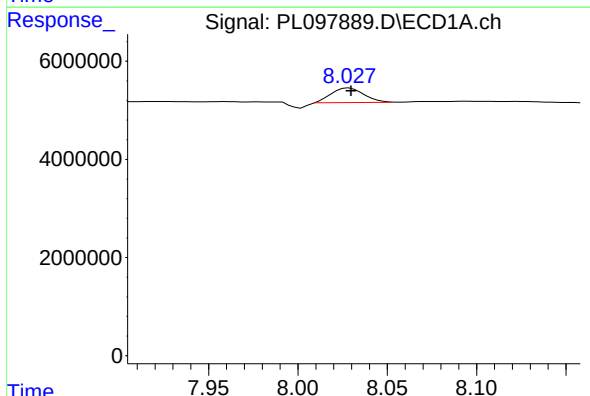
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Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



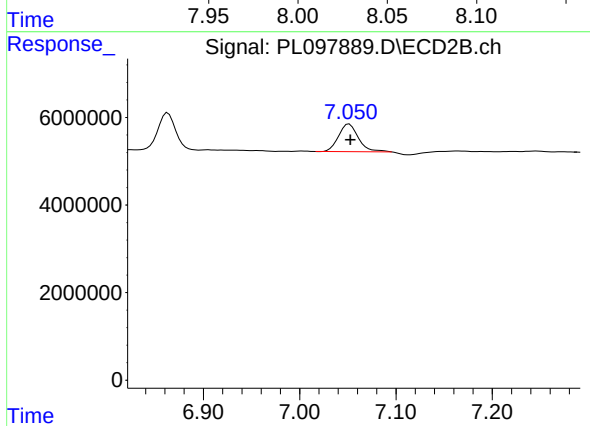
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 10757969
Conc: 1.21 ng/ml m



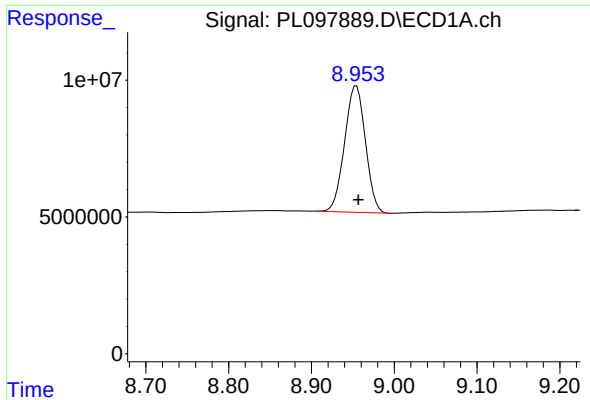
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 3786333
Conc: 1.10 ng/ml m



#22 Mirex

R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 8997048
Conc: 1.39 ng/ml



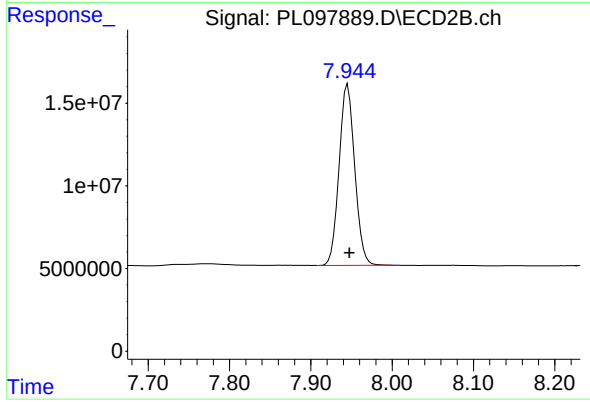
#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.002 min
Response: 80832181
Conc: 21.27 ng/ml

Instrument :
ECD_L
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.: 7.945 min
Delta R.T.: -0.002 min
Response: 145881278
Conc: 22.18 ng/ml