

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121625\  
 Data File : PL097890.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2025 17:40  
 Operator : AR\AJ  
 Sample : Q3530-07  
 Misc : PEST LOD 2.5PPB  
 ALS Vial : 20 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 00:49:12 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 | 2.799 | 108.9E6  | 154.9E6  | 21.582 | 22.180  |
| 28)                         | SA Decachlor... | 8.953 | 7.946 | 84522735 | 145.7E6  | 22.246 | 22.162  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.942 | 3.301 | 15991428 | 21056749 | 1.891  | 1.835   |
| 3)                          | MA gamma-BHC... | 4.270 | 3.631 | 15983951 | 20039346 | 1.994  | 1.863   |
| 4)                          | MA Heptachlor   | 4.858 | 3.977 | 14895447 | 18817284 | 1.871m | 1.810   |
| 5)                          | MB Aldrin       | 5.196 | 4.258 | 14658442 | 20933961 | 2.023m | 2.117   |
| 6)                          | B beta-BHC      | 4.460 | 3.927 | 6843005  | 9411010  | 2.044  | 2.030   |
| 7)                          | B delta-BHC     | 4.703 | 4.158 | 15372409 | 19612761 | 1.985m | 1.835   |
| 8)                          | B Heptachlo...  | 5.615 | 4.759 | 15890016 | 18945560 | 2.388m | 2.104   |
| 9)                          | A Endosulfan I  | 5.999 | 5.127 | 12760795 | 24007978 | 2.167  | 2.356m  |
| 10)                         | B gamma-Chl...  | 5.871 | 5.008 | 13607562 | 28856959 | 2.096  | 2.833m# |
| 11)                         | B alpha-Chl...  | 5.951 | 5.072 | 14340762 | 19975922 | 2.209  | 1.948m  |
| 12)                         | B 4,4'-DDE      | 6.122 | 5.261 | 11529211 | 16917183 | 1.963  | 1.920m  |
| 13)                         | MA Dieldrin     | 6.271 | 5.391 | 12652943 | 18695707 | 2.062  | 1.995m  |
| 14)                         | MA Endrin       | 6.497 | 5.666 | 9382953  | 15867426 | 1.812  | 1.899   |
| 15)                         | B Endosulfa...  | 6.712 | 5.958 | 11561511 | 17327565 | 2.263  | 2.093   |
| 16)                         | A 4,4'-DDD      | 6.632 | 5.815 | 10342457 | 16188124 | 2.233  | 2.158   |
| 17)                         | MA 4,4'-DDT     | 6.945 | 6.067 | 7494710  | 9538422  | 1.565  | 1.243   |
| 18)                         | B Endrin al...  | 6.840 | 6.137 | 9699026  | 13845912 | 2.461  | 2.168   |
| 19)                         | B Endosulfa...  | 7.073 | 6.360 | 10964655 | 17686748 | 2.212  | 2.173   |
| 20)                         | A Methoxychlor  | 7.417 | 6.638 | 4290387  | 6054475  | 1.705m | 1.449   |
| 21)                         | B Endrin ke...  | 7.550 | 6.864 | 11304045 | 19836592 | 2.175m | 2.224   |
| 22)                         | Mirex           | 8.028 | 7.052 | 8354504  | 16124366 | 2.422  | 2.498   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121625\  
Data File : PL097890.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2025 17:40  
Operator : AR\AJ  
Sample : Q3530-07  
Misc : PEST LOD 2.5PPB  
ALS Vial : 20 Sample Multiplier: 1

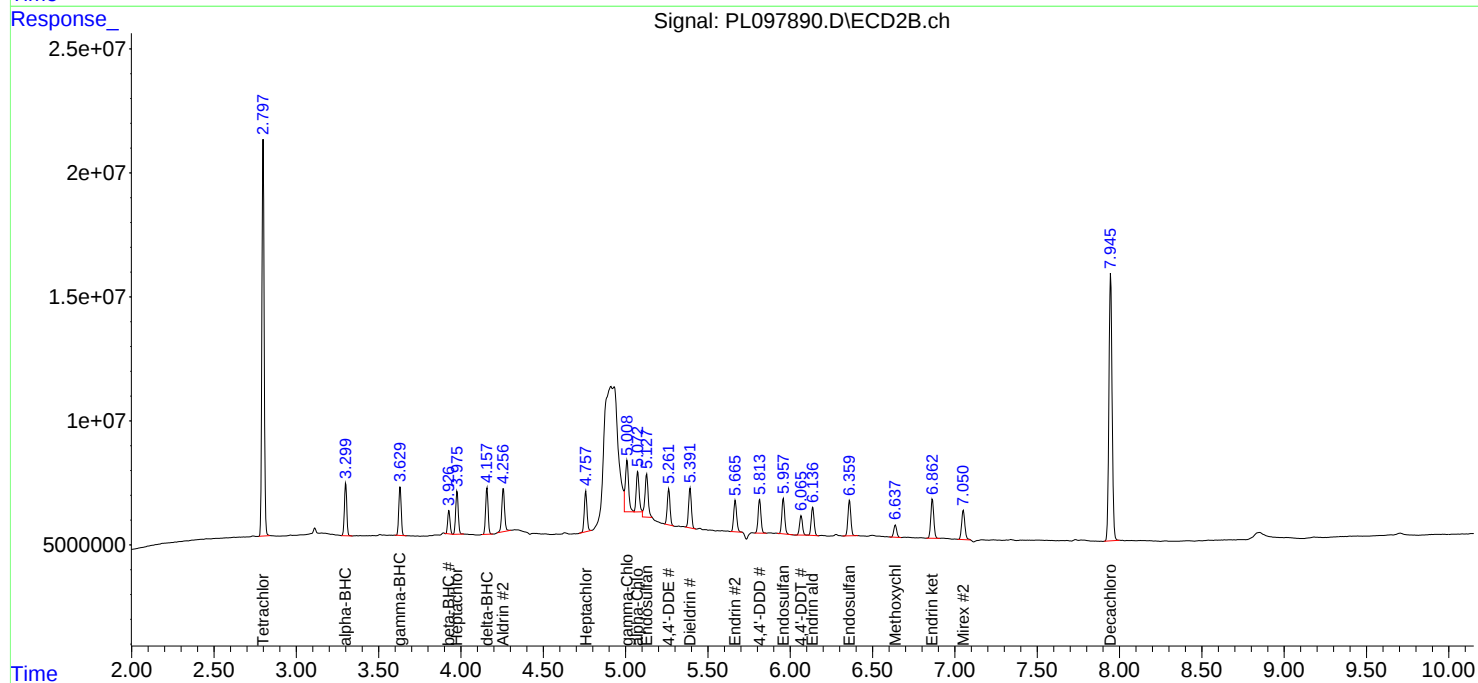
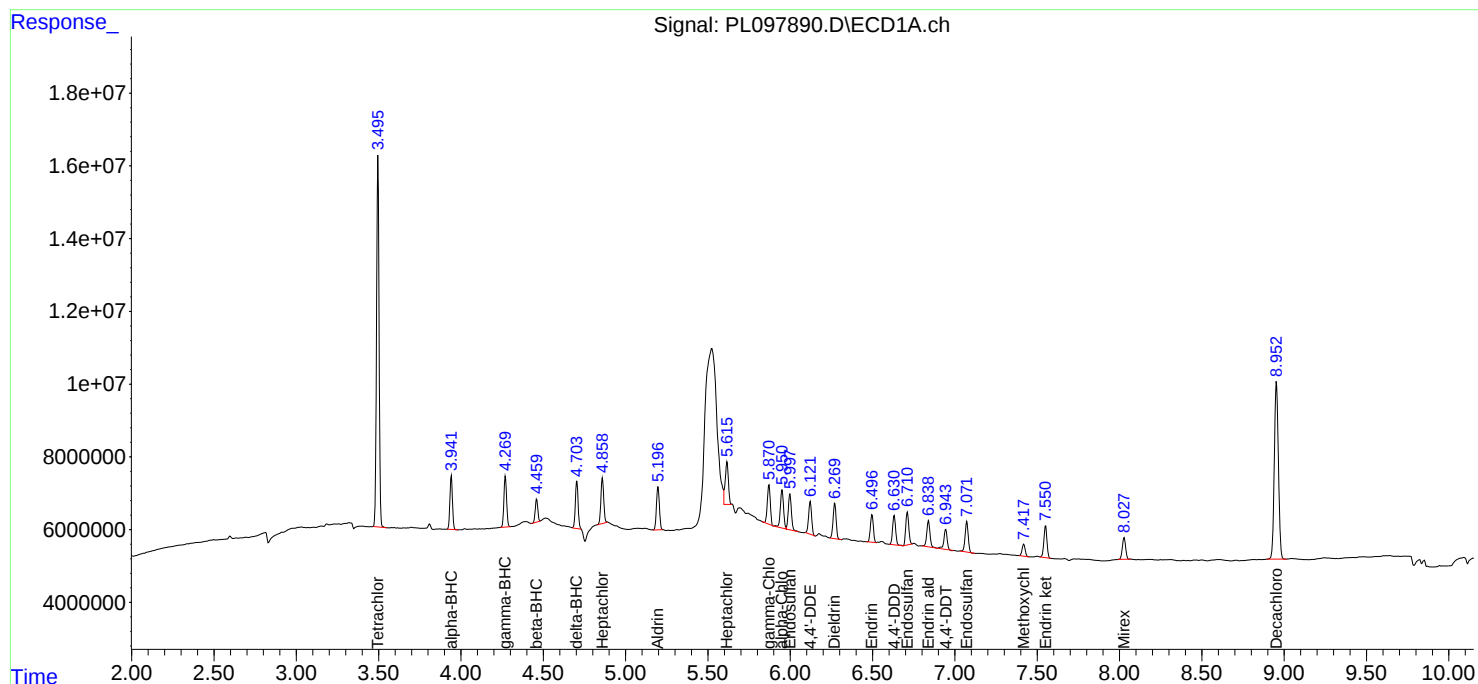
Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

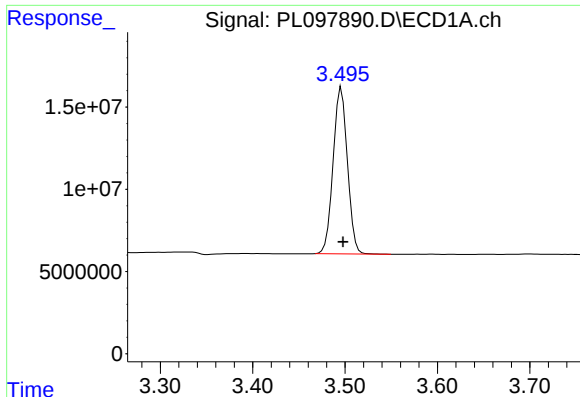
Manual Integrations  
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Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 00:49:12 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





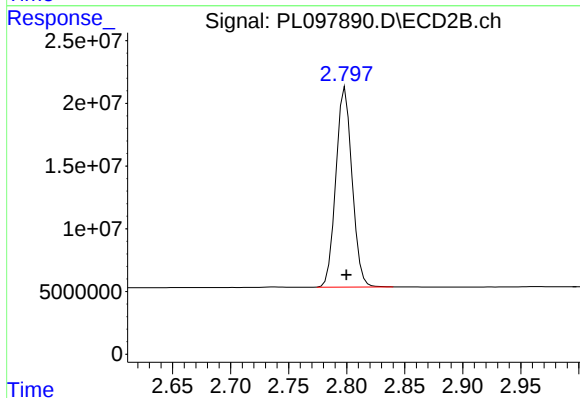
#1 Tetrachloro-m-xylene

R.T.: 3.496 min  
Delta R.T.: -0.002 min  
Response: 108923780  
Conc: 21.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

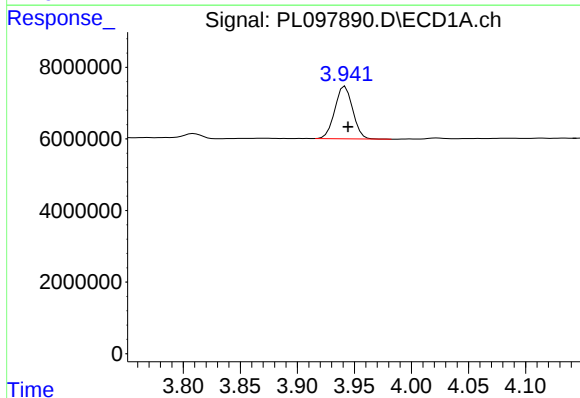
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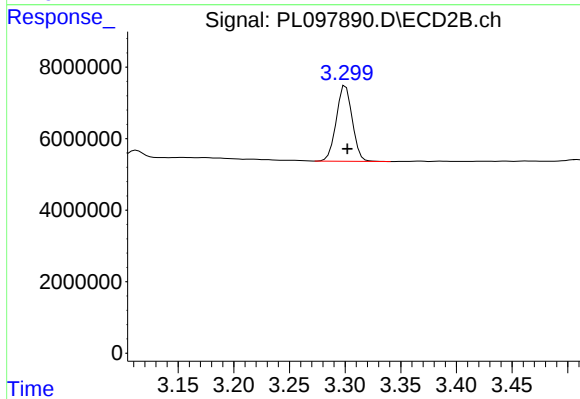
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: 0.000 min  
Response: 154931495  
Conc: 22.18 ng/ml



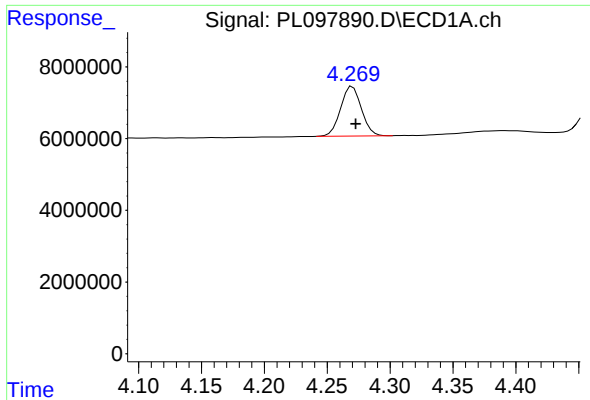
#2 alpha-BHC

R.T.: 3.942 min  
Delta R.T.: -0.002 min  
Response: 15991428  
Conc: 1.89 ng/ml



#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.002 min  
Response: 21056749  
Conc: 1.84 ng/ml



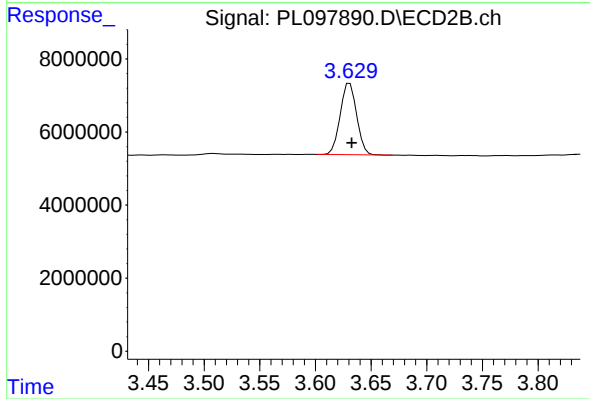
#3 gamma-BHC (Lindane)

R.T.: 4.270 min  
Delta R.T.: -0.003 min  
Response: 15983951  
Conc: 1.99 ng/ml

Instrument :  
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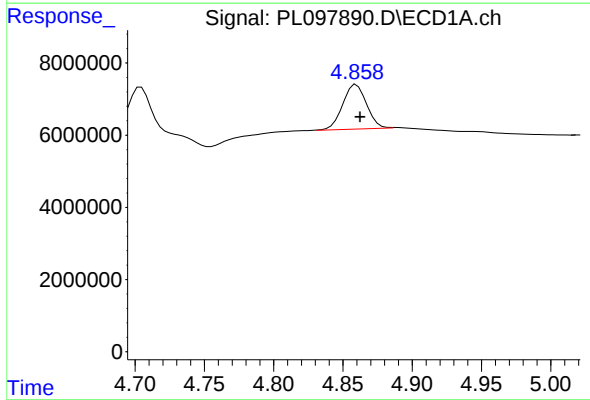
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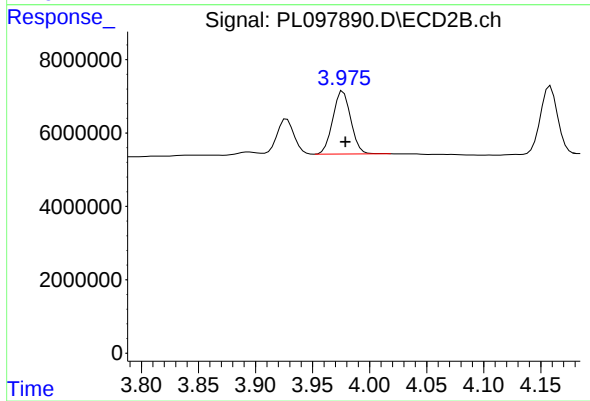
#3 gamma-BHC (Lindane)

R.T.: 3.631 min  
Delta R.T.: -0.002 min  
Response: 20039346  
Conc: 1.86 ng/ml



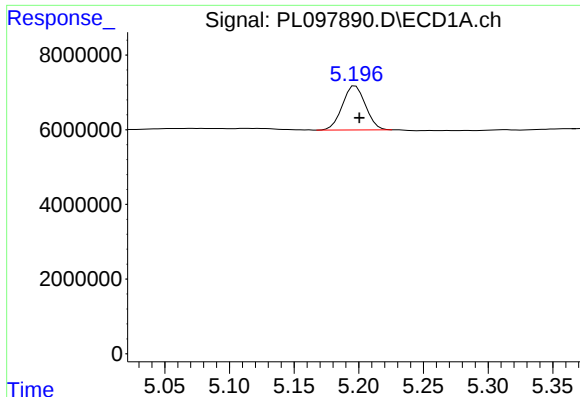
#4 Heptachlor

R.T.: 4.858 min  
Delta R.T.: -0.004 min  
Response: 14895447  
Conc: 1.87 ng/ml m



#4 Heptachlor

R.T.: 3.977 min  
Delta R.T.: -0.002 min  
Response: 18817284  
Conc: 1.81 ng/ml



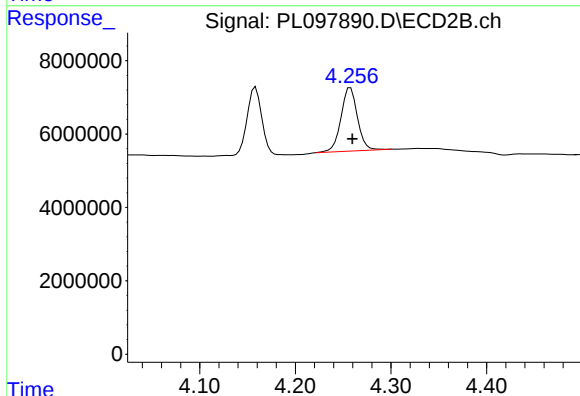
#5 Aldrin

R.T.: 5.196 min  
Delta R.T.: -0.004 min  
Response: 14658442  
Conc: 2.02 ng/ml

Instrument :  
ECD\_L  
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LOD-MDL-WATER-01-QT4-2025

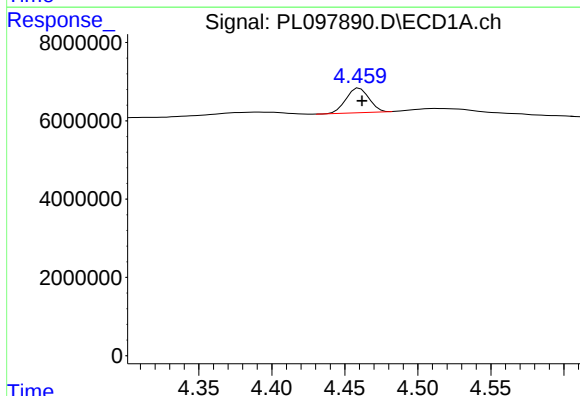
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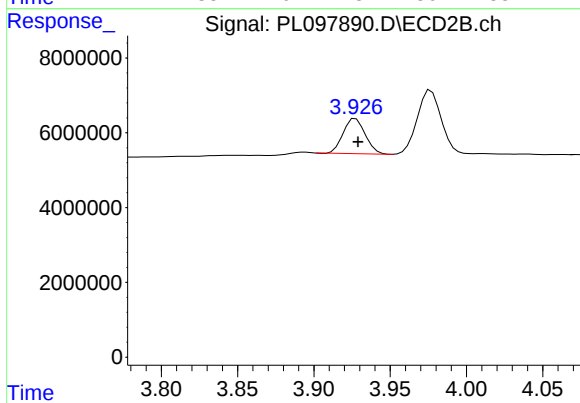
#5 Aldrin

R.T.: 4.258 min  
Delta R.T.: -0.002 min  
Response: 20933961  
Conc: 2.12 ng/ml



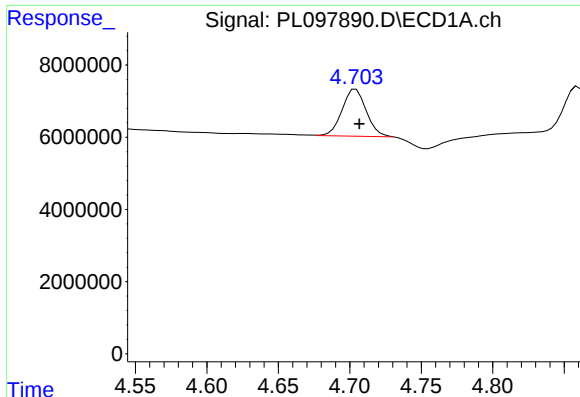
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: -0.002 min  
Response: 6843005  
Conc: 2.04 ng/ml



#6 beta-BHC

R.T.: 3.927 min  
Delta R.T.: -0.002 min  
Response: 9411010  
Conc: 2.03 ng/ml



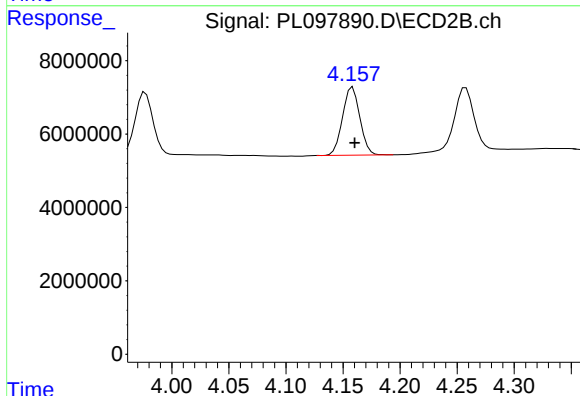
#7 delta-BHC

R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 15372409  
Conc: 1.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

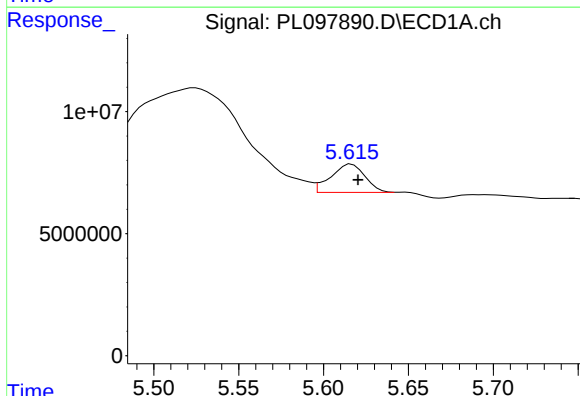
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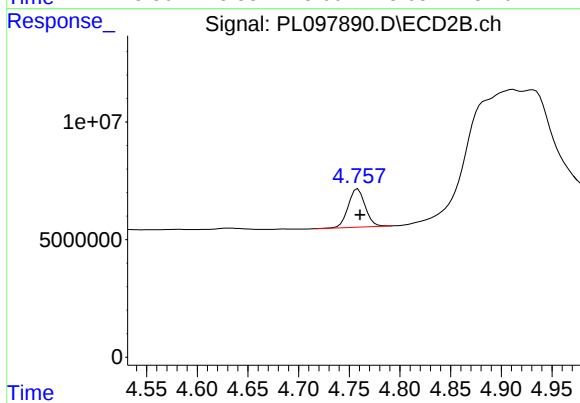
#7 delta-BHC

R.T.: 4.158 min  
Delta R.T.: -0.002 min  
Response: 19612761  
Conc: 1.84 ng/ml



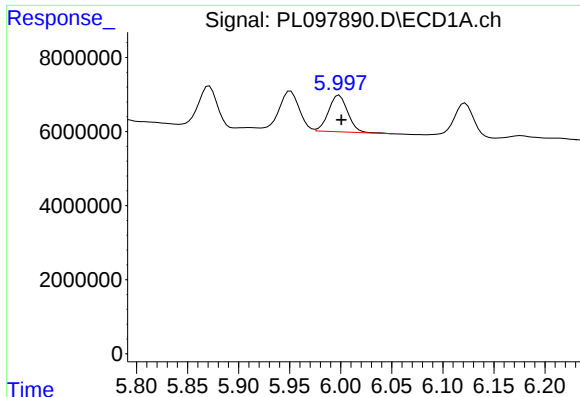
#8 Heptachlor epoxide

R.T.: 5.615 min  
Delta R.T.: -0.005 min  
Response: 15890016  
Conc: 2.39 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 18945560  
Conc: 2.10 ng/ml



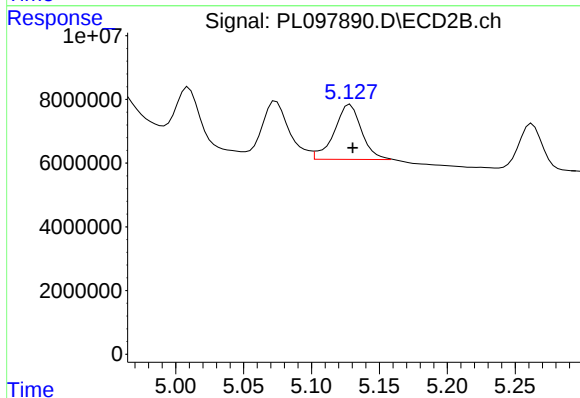
#9 Endosulfan I

R.T.: 5.999 min  
Delta R.T.: -0.002 min  
Response: 12760795  
Conc: 2.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

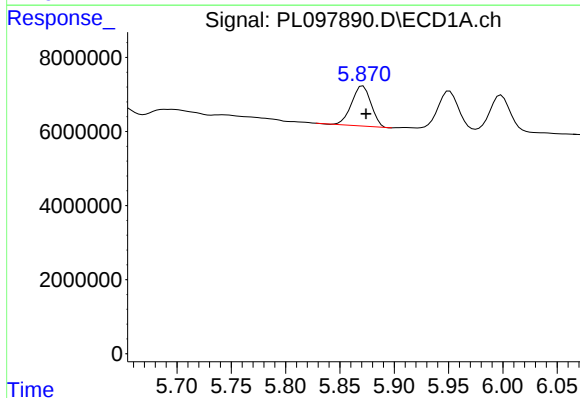
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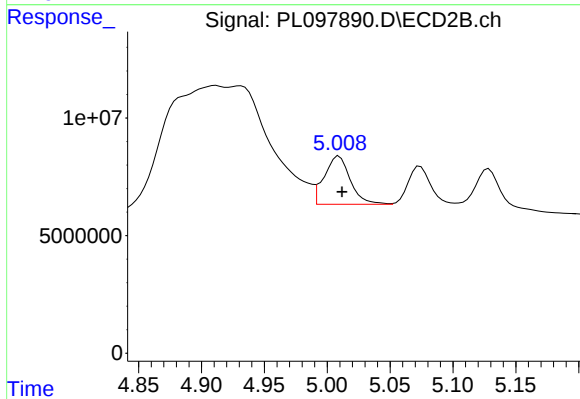
#9 Endosulfan I

R.T.: 5.127 min  
Delta R.T.: -0.003 min  
Response: 24007978  
Conc: 2.36 ng/ml m



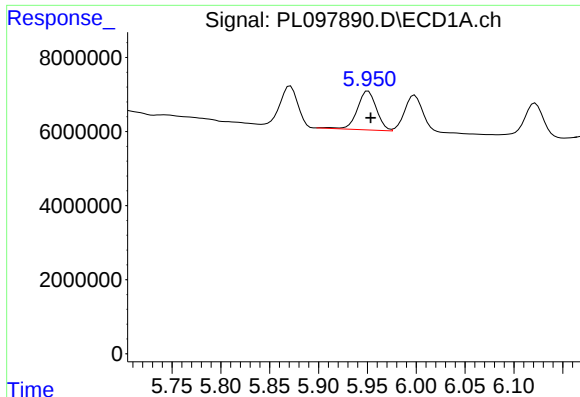
#10 gamma-Chlordane

R.T.: 5.871 min  
Delta R.T.: -0.003 min  
Response: 13607562  
Conc: 2.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min  
Delta R.T.: -0.004 min  
Response: 28856959  
Conc: 2.83 ng/ml m



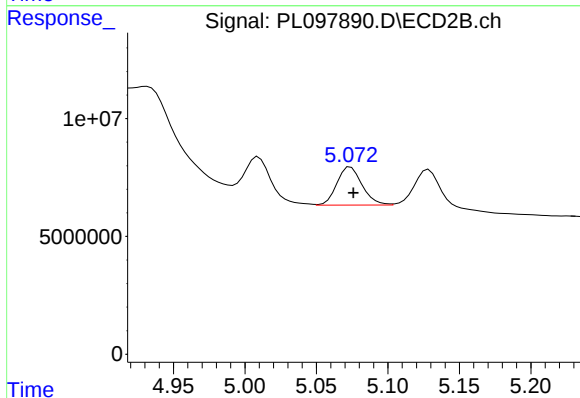
#11 alpha-Chlordane

R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 14340762  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
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LOD-MDL-WATER-01-QT4-2025

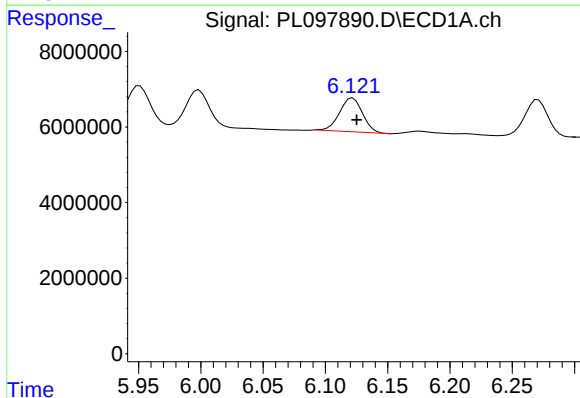
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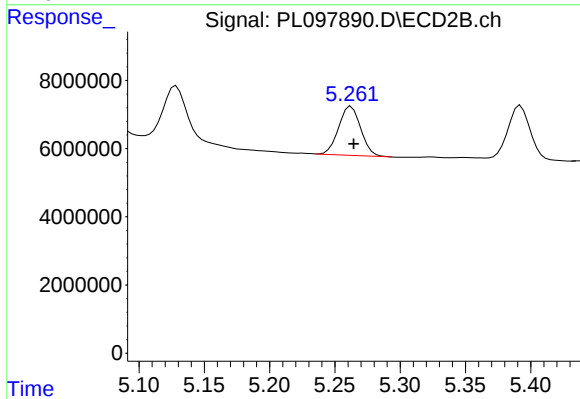
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 19975922  
Conc: 1.95 ng/ml m



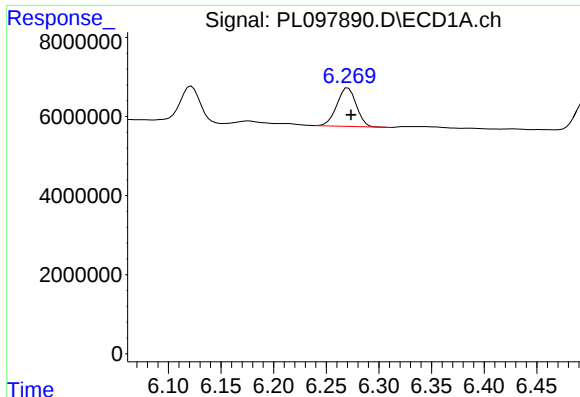
#12 4,4'-DDE

R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 11529211  
Conc: 1.96 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 16917183  
Conc: 1.92 ng/ml m



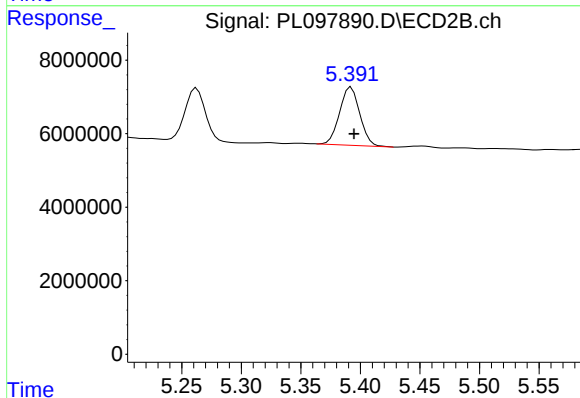
#13 Dieldrin

R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 12652943  
Conc: 2.06 ng/ml

Instrument :  
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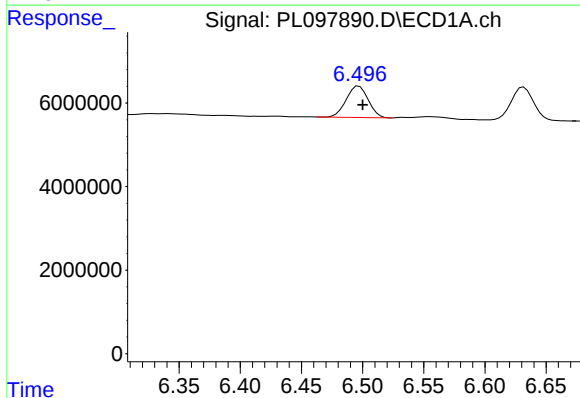
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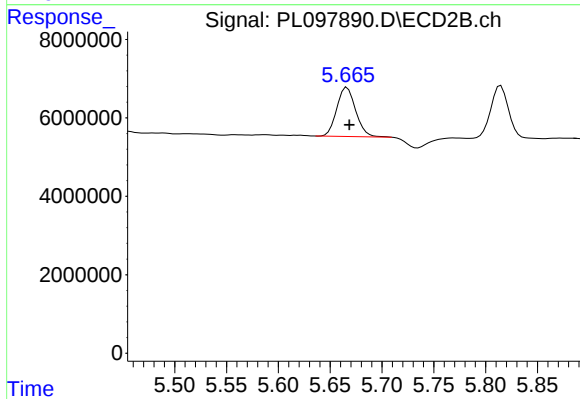
#13 Dieldrin

R.T.: 5.391 min  
Delta R.T.: -0.004 min  
Response: 18695707  
Conc: 2.00 ng/ml m



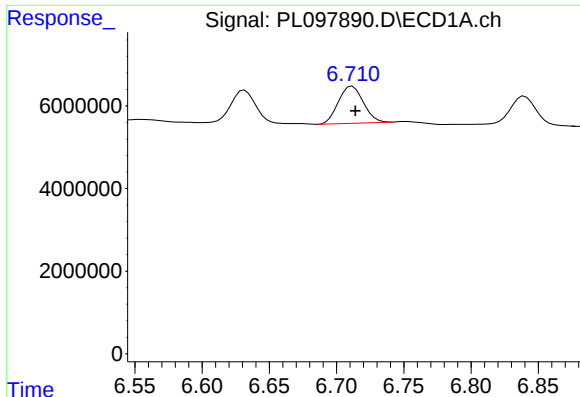
#14 Endrin

R.T.: 6.497 min  
Delta R.T.: -0.003 min  
Response: 9382953  
Conc: 1.81 ng/ml



#14 Endrin

R.T.: 5.666 min  
Delta R.T.: -0.002 min  
Response: 15867426  
Conc: 1.90 ng/ml



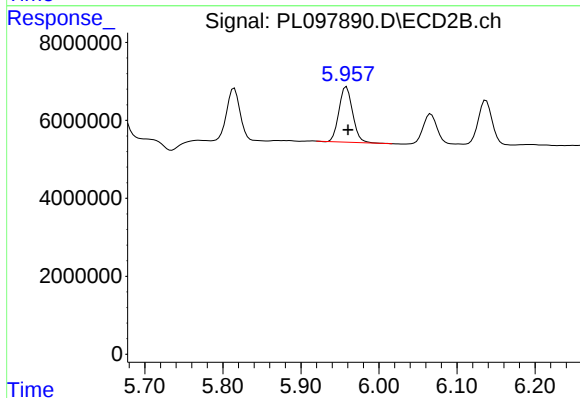
#15 Endosulfan II

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 11561511  
Conc: 2.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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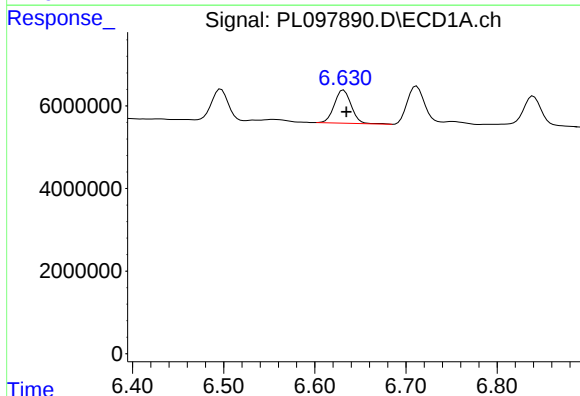
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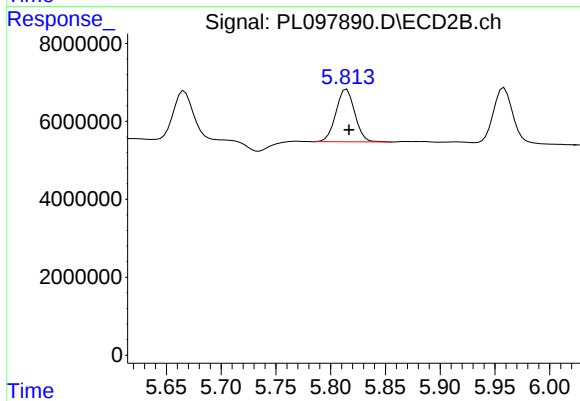
#15 Endosulfan II

R.T.: 5.958 min  
Delta R.T.: -0.002 min  
Response: 17327565  
Conc: 2.09 ng/ml



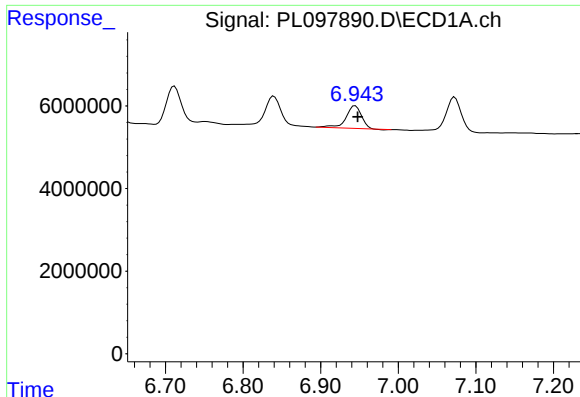
#16 4,4'-DDD

R.T.: 6.632 min  
Delta R.T.: -0.003 min  
Response: 10342457  
Conc: 2.23 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 16188124  
Conc: 2.16 ng/ml



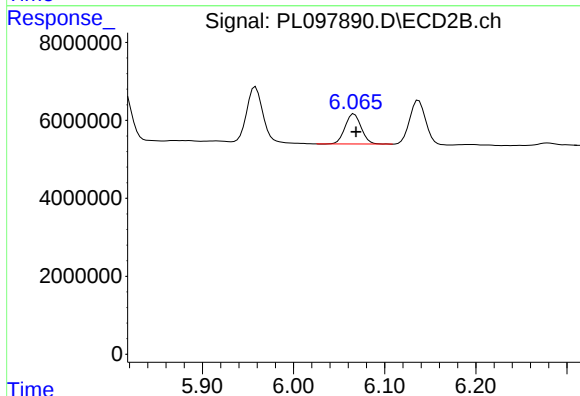
#17 4,4'-DDT

R.T.: 6.945 min  
Delta R.T.: -0.003 min  
Response: 7494710  
Conc: 1.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

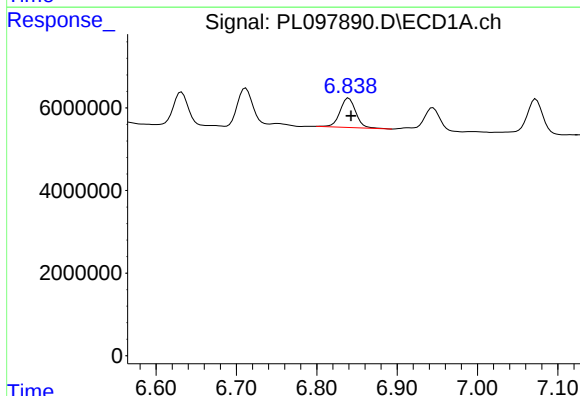
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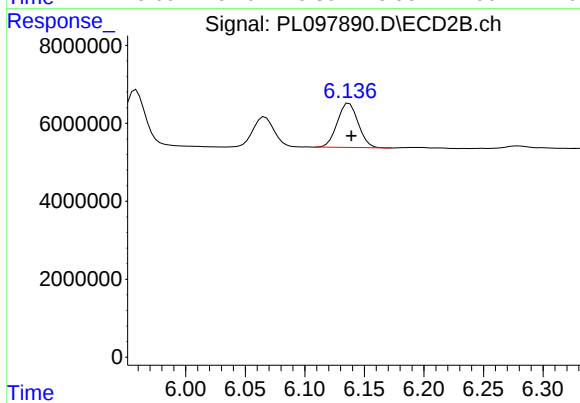
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: -0.002 min  
Response: 9538422  
Conc: 1.24 ng/ml



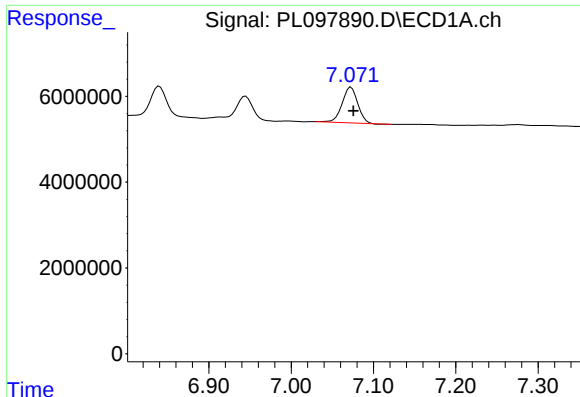
#18 Endrin aldehyde

R.T.: 6.840 min  
Delta R.T.: -0.003 min  
Response: 9699026  
Conc: 2.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min  
Delta R.T.: -0.002 min  
Response: 13845912  
Conc: 2.17 ng/ml



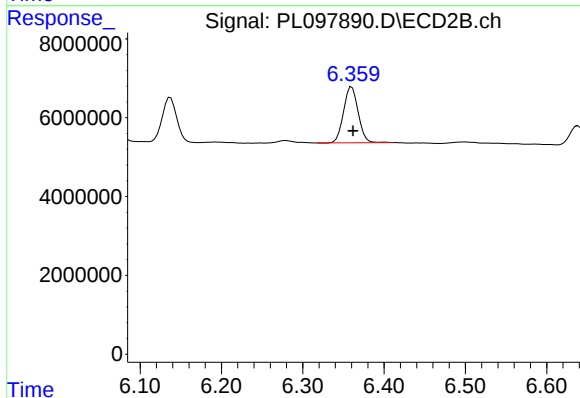
#19 Endosulfan Sulfate

R.T.: 7.073 min  
Delta R.T.: -0.003 min  
Response: 10964655  
Conc: 2.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

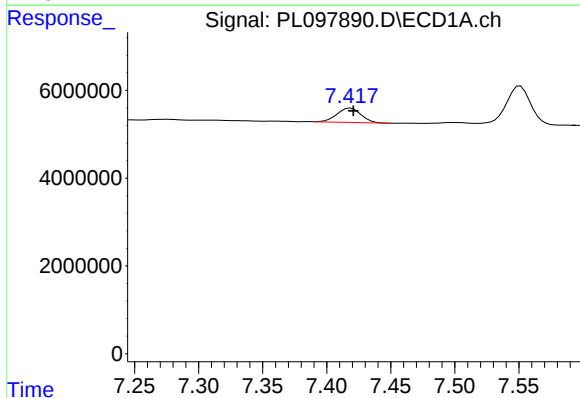
Manual Integrations  
APPROVED

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



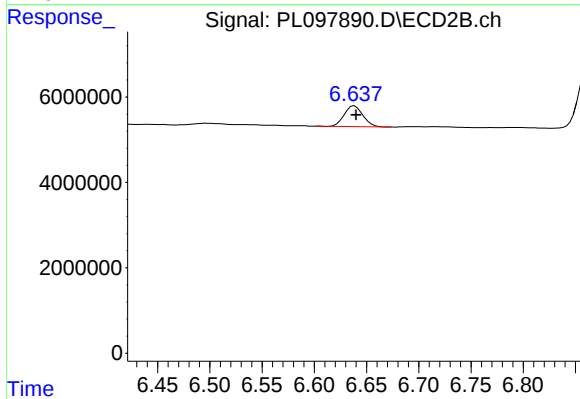
#19 Endosulfan Sulfate

R.T.: 6.360 min  
Delta R.T.: -0.002 min  
Response: 17686748  
Conc: 2.17 ng/ml



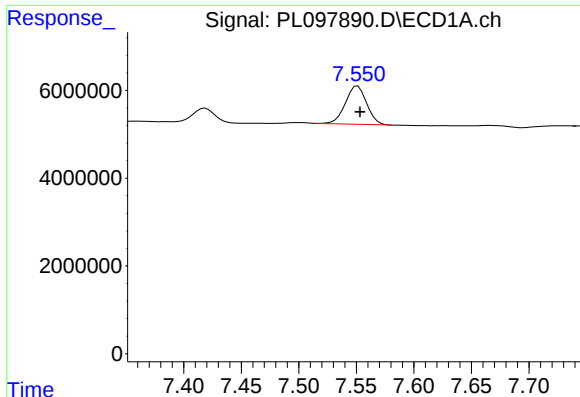
#20 Methoxychlor

R.T.: 7.417 min  
Delta R.T.: -0.003 min  
Response: 4290387  
Conc: 1.70 ng/ml m



#20 Methoxychlor

R.T.: 6.638 min  
Delta R.T.: -0.002 min  
Response: 6054475  
Conc: 1.45 ng/ml



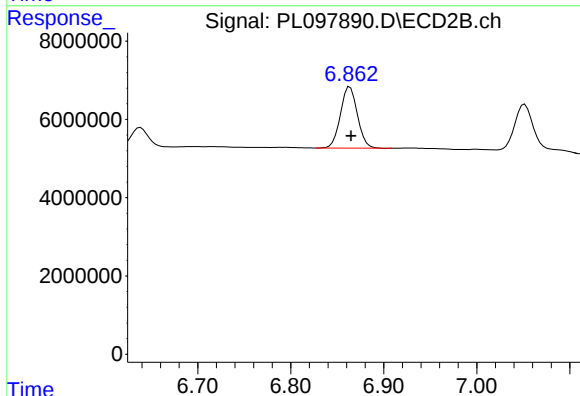
#21 Endrin ketone

R.T.: 7.550 min  
Delta R.T.: -0.003 min  
Response: 11304045  
Conc: 2.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

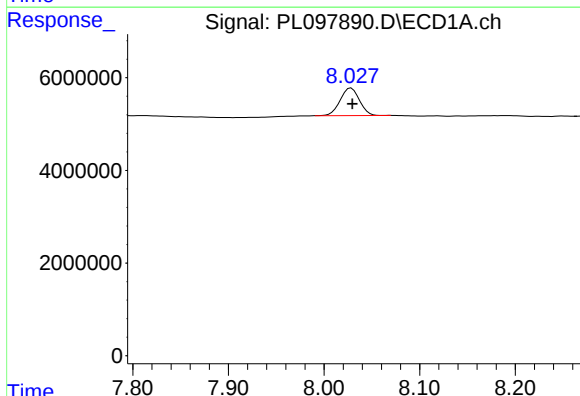
Manual Integrations  
APPROVED

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



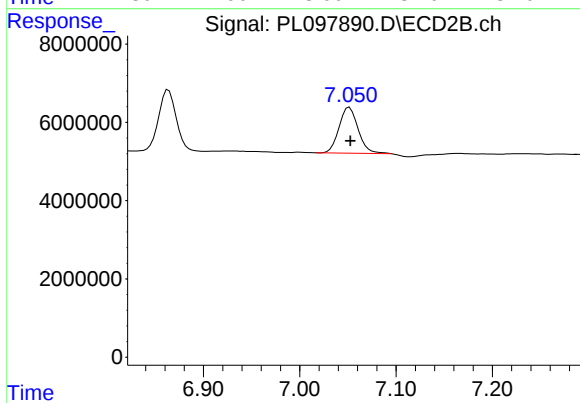
#21 Endrin ketone

R.T.: 6.864 min  
Delta R.T.: -0.001 min  
Response: 19836592  
Conc: 2.22 ng/ml



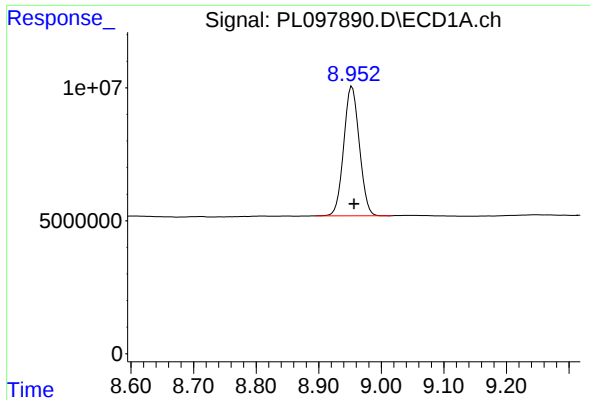
#22 Mirex

R.T.: 8.028 min  
Delta R.T.: -0.001 min  
Response: 8354504  
Conc: 2.42 ng/ml



#22 Mirex

R.T.: 7.052 min  
Delta R.T.: 0.000 min  
Response: 16124366  
Conc: 2.50 ng/ml



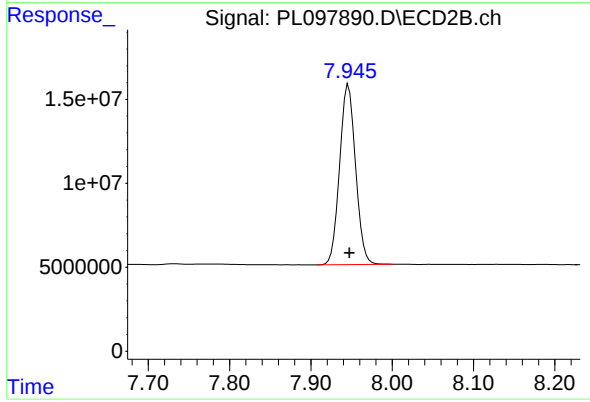
#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.003 min  
Response: 84522735  
Conc: 22.25 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.: 7.946 min  
Delta R.T.: -0.001 min  
Response: 145736260  
Conc: 22.16 ng/ml