

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
 Data File : PL096165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 17:15
 Operator : AR\AJ
 Sample : Q2126-07
 Misc : PEST LOD 2.5PPB WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 05:33:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 24 16:08:38 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...	3.570	2.880	60329510	76568090	17.525	17.451
28)	SA Decachlor...	9.111f	8.063	50964571	101.2E6	19.117	18.807
Target Compounds							
2)	A alpha-BHC	4.021	3.389	11184838	12995501	2.087	1.963
3)	MA gamma-BHC...	4.353	3.722	11076065	12681452	2.212	2.015
4)	MA Heptachlor	4.949	4.074	11035836	13296690	2.403m	2.108
5)	MB Aldrin	5.293	4.359	11131084	12252673	2.341	2.072
6)	B beta-BHC	4.541	4.016	4958511	7019874	2.318	2.546m
7)	B delta-BHC	4.789	4.253	10909293	12960739	2.234	2.061
8)	B Heptachlo...	5.711	4.860	11835219	12094267	2.699m	2.107
9)	A Endosulfan I	6.096	5.234	9987448	14085626	2.484	2.370
10)	B gamma-Chl...	5.968	5.112	10404198	13408973	2.392	2.226m
11)	B alpha-Chl...	6.047	5.177	10359979	14465128	2.398m	2.346m
12)	B 4,4'-DDE	6.219	5.366	9189478	13052359	2.298	2.218
13)	MA Dieldrin	6.370	5.499	10571658	13565723	2.453	2.287
14)	MA Endrin	6.597	5.776	8392825	13136393	2.355	2.404
15)	B Endosulfa...	6.809	6.066	12557960	12792116	3.173m	2.393m
16)	A 4,4'-DDD	6.730	5.921	8069085	11681434	2.453m	2.427
17)	MA 4,4'-DDT	7.046	6.174	7411578	10509708	2.267	1.914
18)	B Endrin al...	6.940	6.244	7476437	12941546	2.852	3.095m
19)	B Endosulfa...	7.175	6.470	8898152	11875402	2.634	2.319
20)	A Methoxychlor	7.521	6.748	4228324	6385660	2.568m	2.175
21)	B Endrin ke...	7.656	6.977	9432089	13769556	2.612m	2.304
22)	Mirex	8.140	7.169	7656382	13079537	2.803	2.735m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062425\
Data File : PL096165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 17:15
Operator : AR\AJ
Sample : Q2126-07
Misc : PEST LOD 2.5PPB WATER
ALS Vial : 10 Sample Multiplier: 1

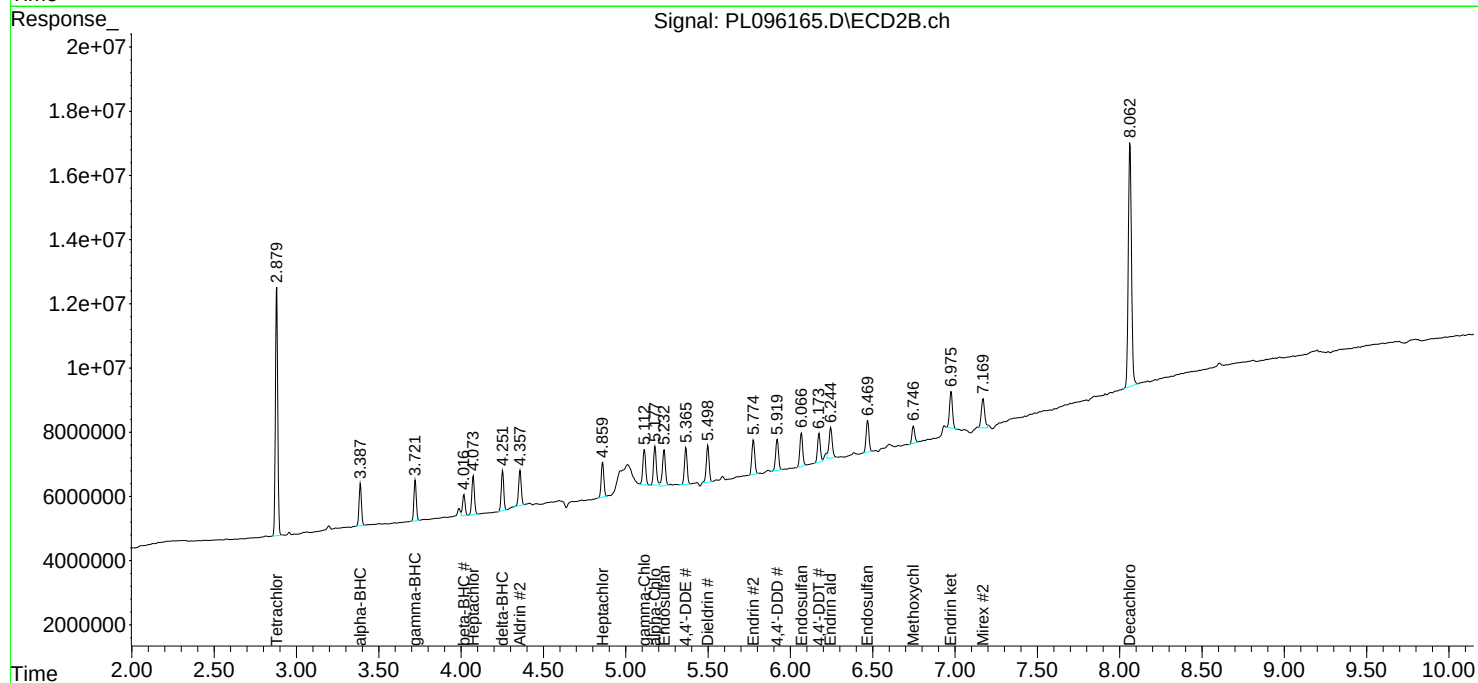
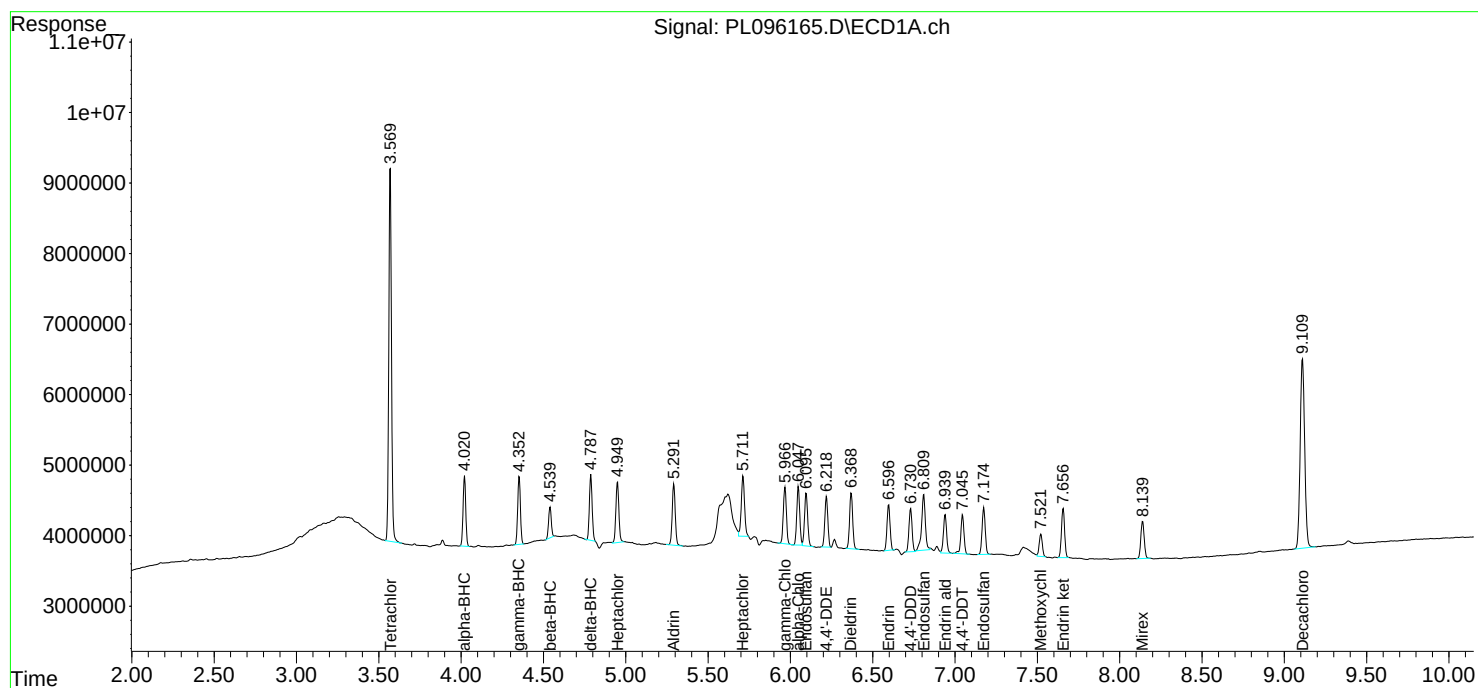
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

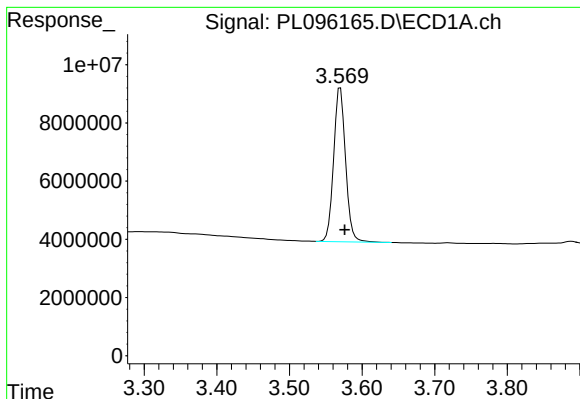
Manual Integrations
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Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 05:33:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Tue Jun 24 16:08:38 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 x0.25µm





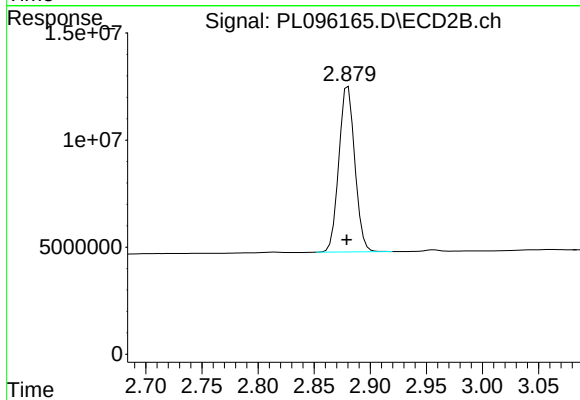
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.006 min
Response: 60329510
Conc: 17.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

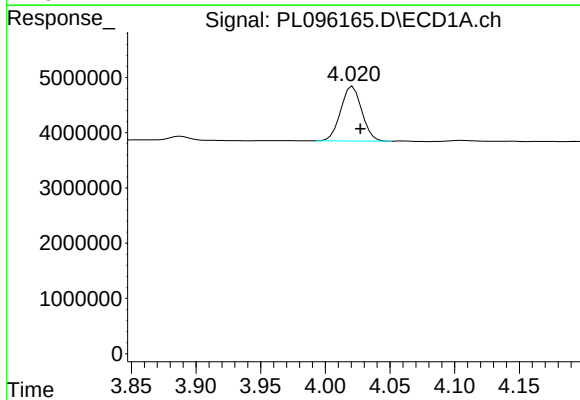
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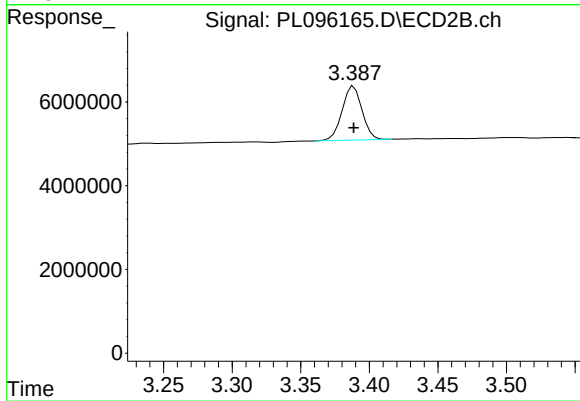
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.001 min
Response: 76568090
Conc: 17.45 ng/ml



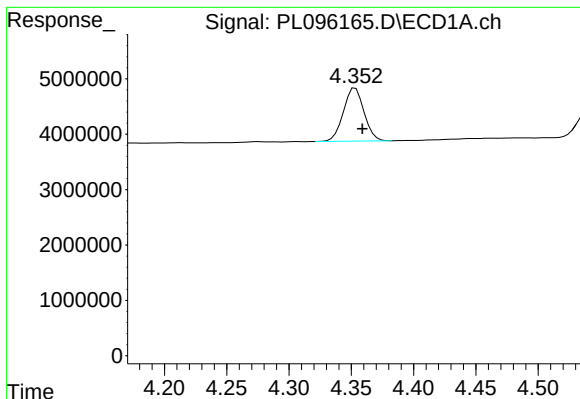
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: -0.006 min
Response: 11184838
Conc: 2.09 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 12995501
Conc: 1.96 ng/ml



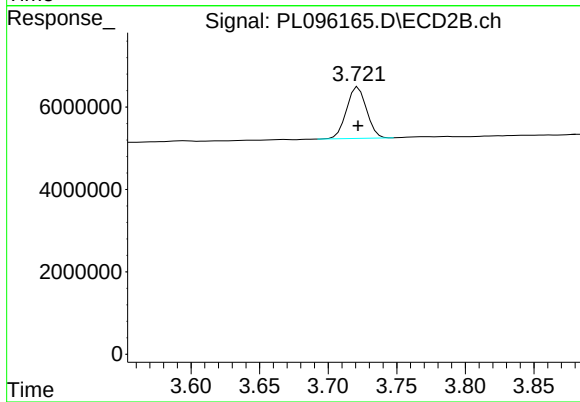
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: -0.006 min
Response: 11076065
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

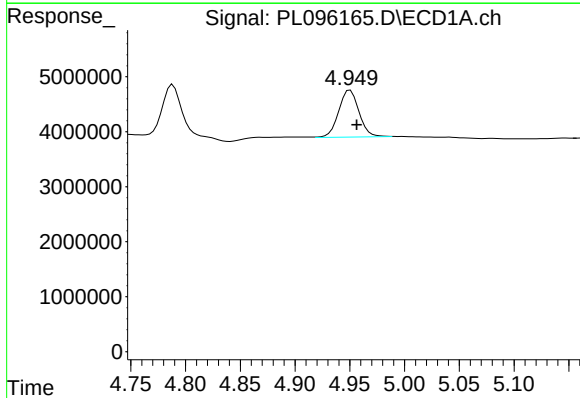
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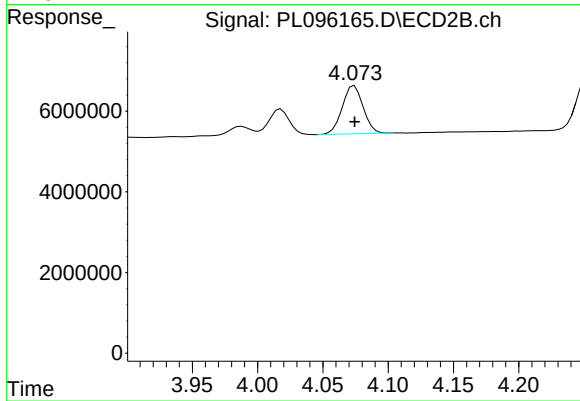
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 12681452
Conc: 2.02 ng/ml



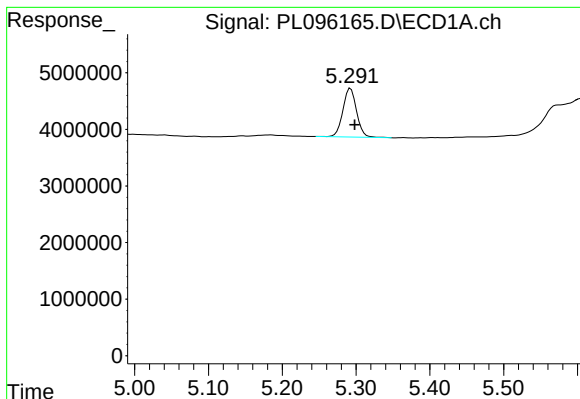
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.007 min
Response: 11035836
Conc: 2.40 ng/ml m



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 13296690
Conc: 2.11 ng/ml



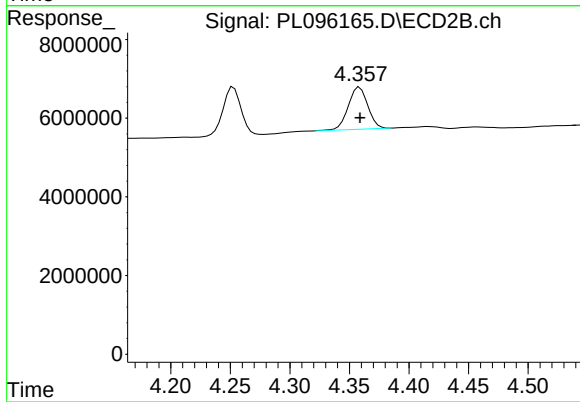
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: -0.006 min
Response: 11131084
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

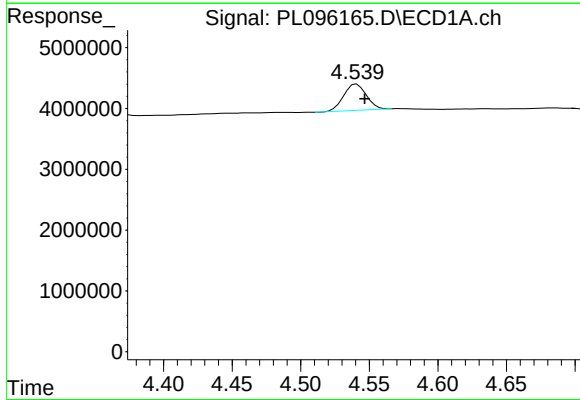
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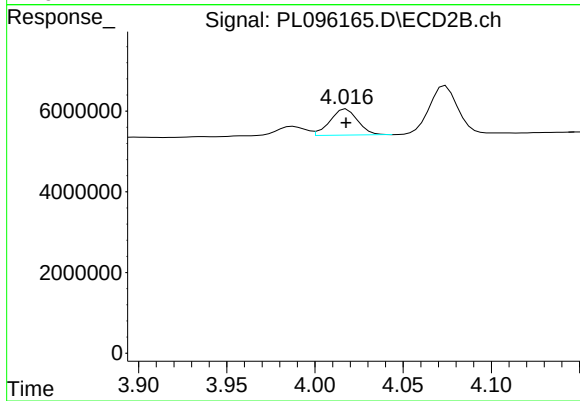
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 12252673
Conc: 2.07 ng/ml



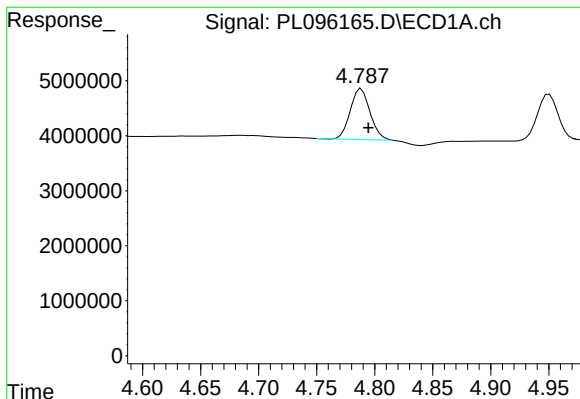
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: -0.006 min
Response: 4958511
Conc: 2.32 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 7019874
Conc: 2.55 ng/ml m



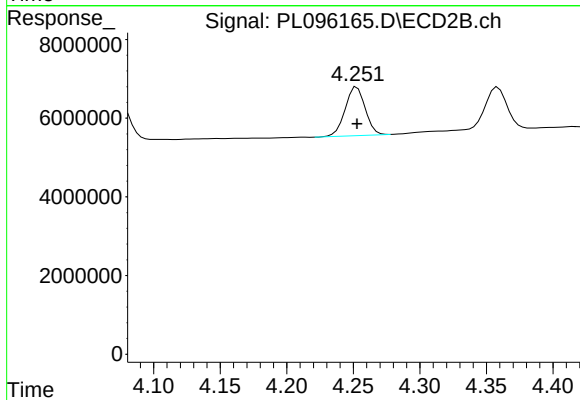
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: -0.006 min
Response: 10909293
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

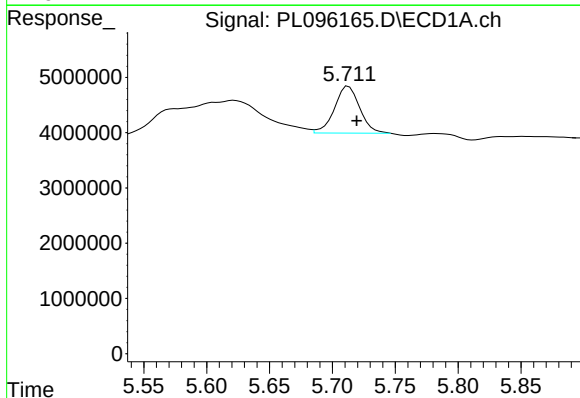
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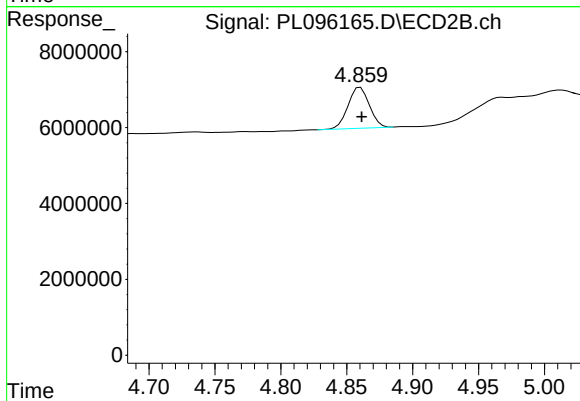
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 12960739
Conc: 2.06 ng/ml



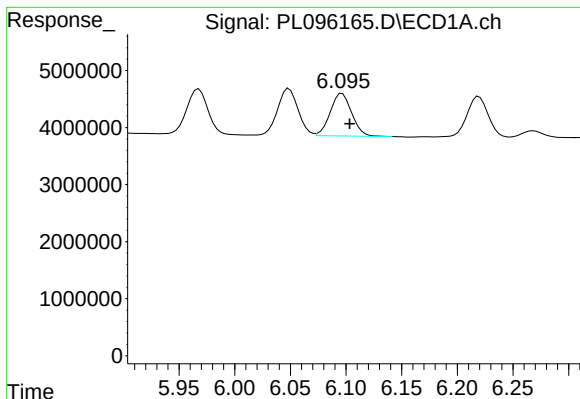
#8 Heptachlor epoxide

R.T.: 5.711 min
Delta R.T.: -0.008 min
Response: 11835219
Conc: 2.70 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 12094267
Conc: 2.11 ng/ml



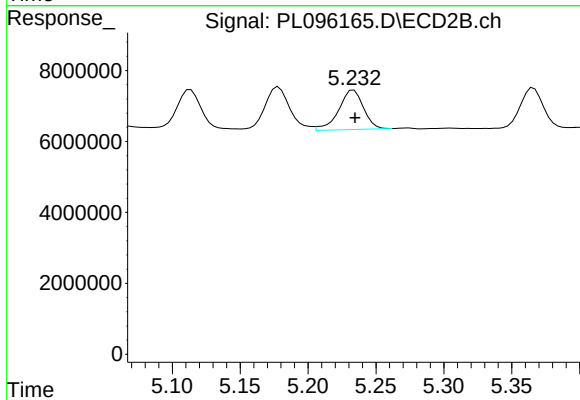
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: -0.007 min
Response: 9987448
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

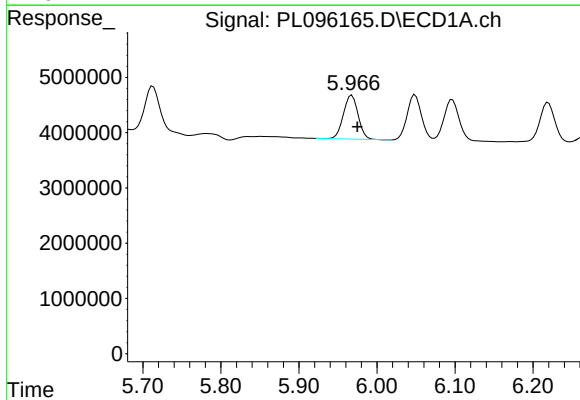
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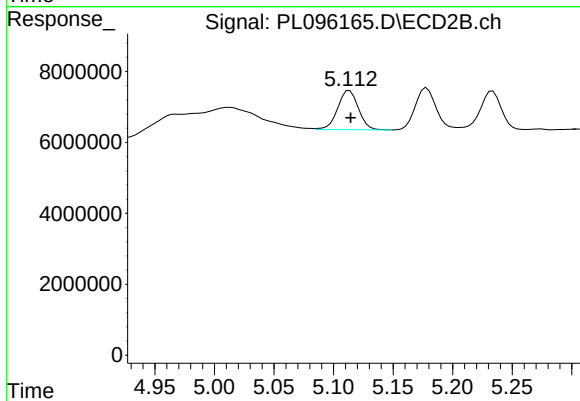
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 14085626
Conc: 2.37 ng/ml



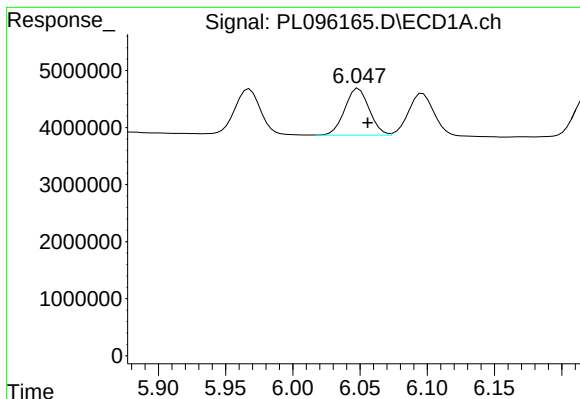
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 10404198
Conc: 2.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 13408973
Conc: 2.23 ng/ml m



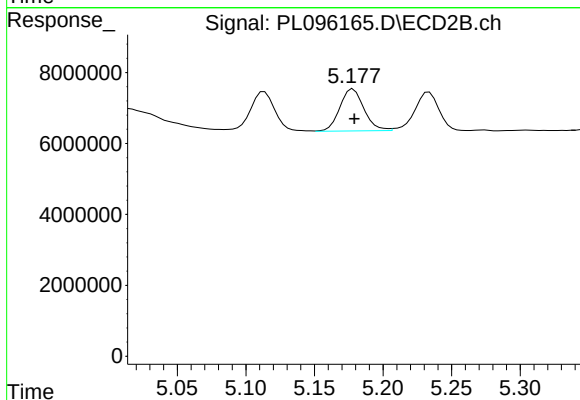
#11 alpha-Chlordane

R.T.: 6.047 min
Delta R.T.: -0.008 min
Response: 10359979
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

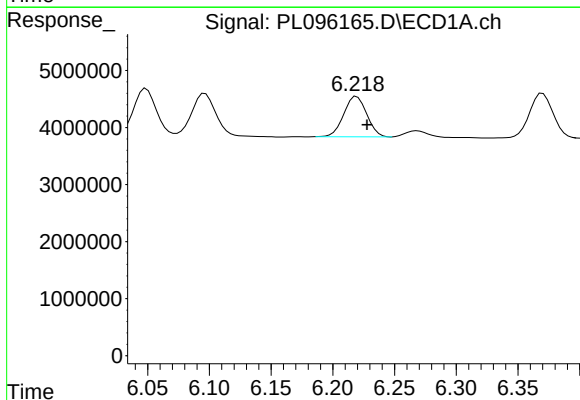
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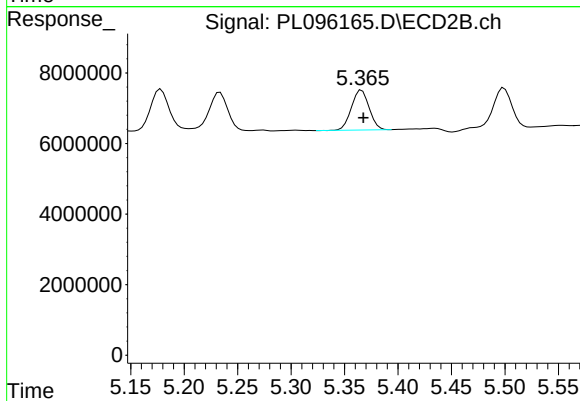
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 14465128
Conc: 2.35 ng/ml m



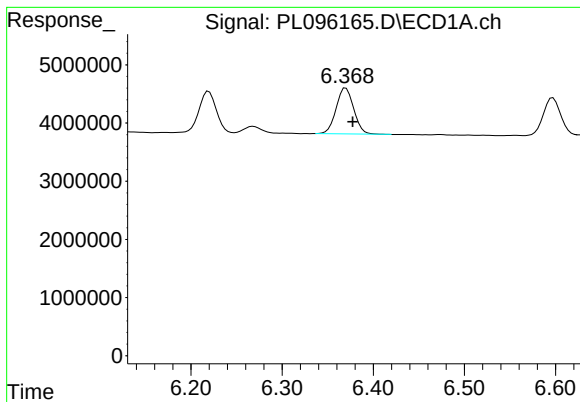
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 9189478
Conc: 2.30 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 13052359
Conc: 2.22 ng/ml



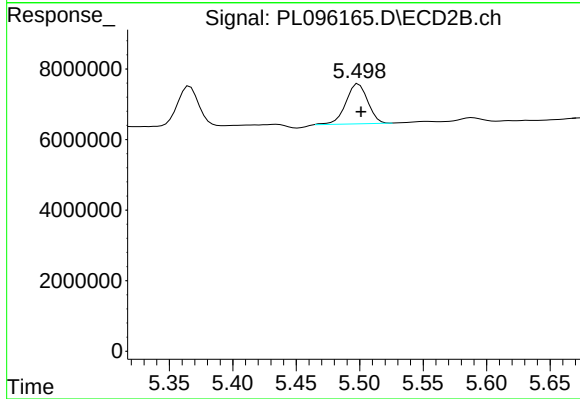
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.007 min
Response: 10571658
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

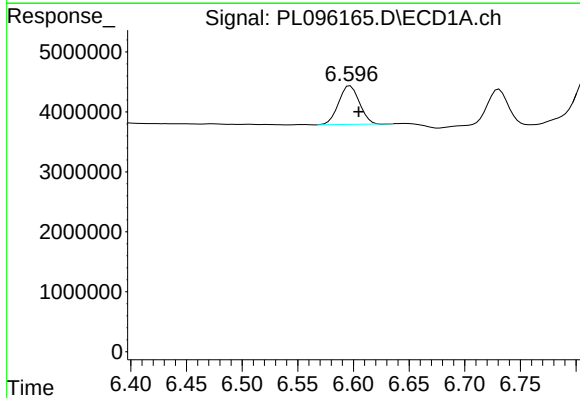
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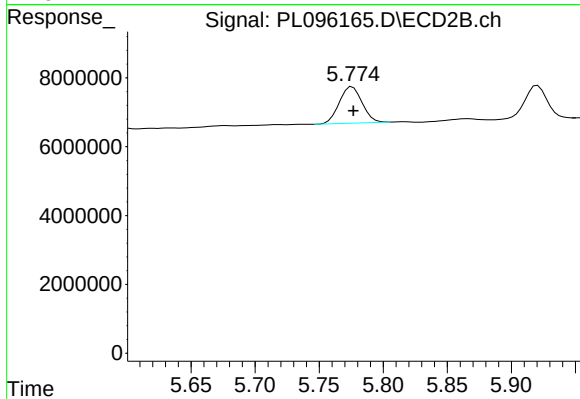
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 13565723
Conc: 2.29 ng/ml



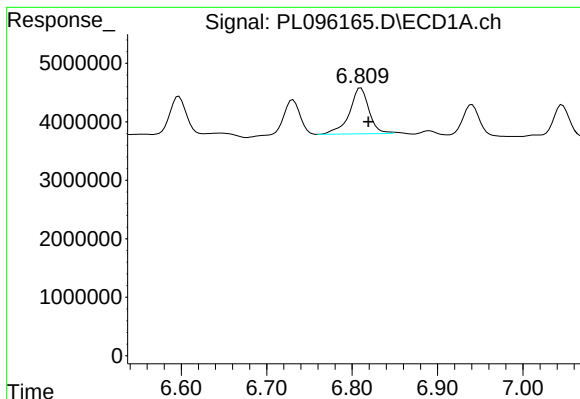
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.008 min
Response: 8392825
Conc: 2.36 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 13136393
Conc: 2.40 ng/ml



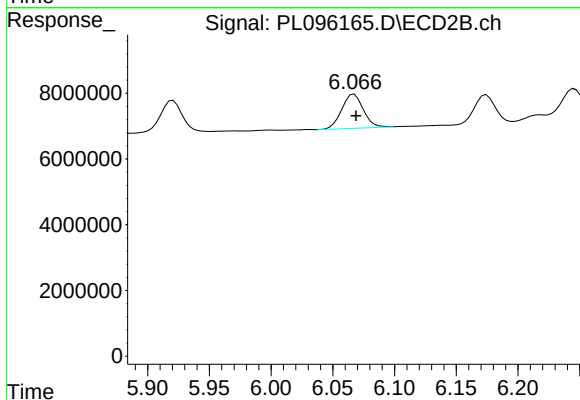
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 12557960
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

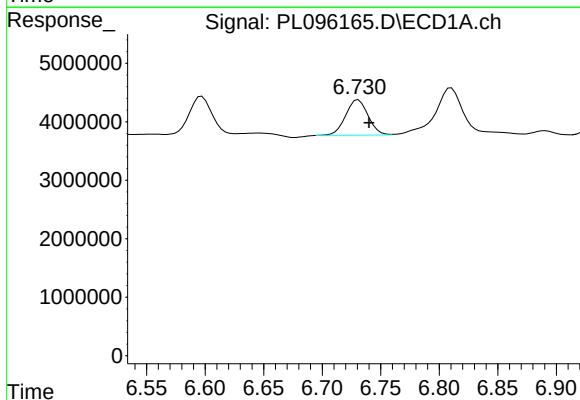
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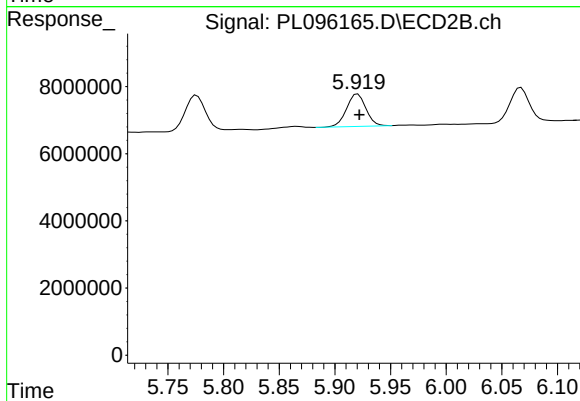
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 12792116
Conc: 2.39 ng/ml m



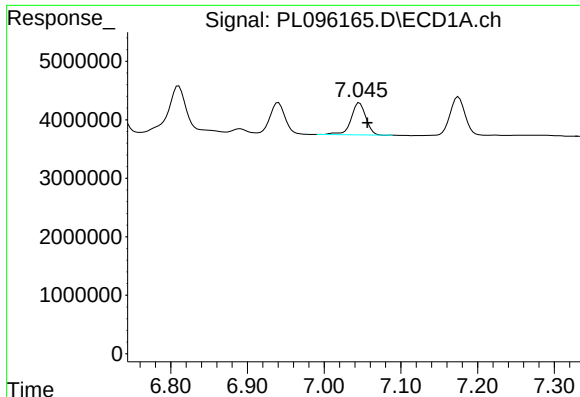
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 8069085
Conc: 2.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 11681434
Conc: 2.43 ng/ml



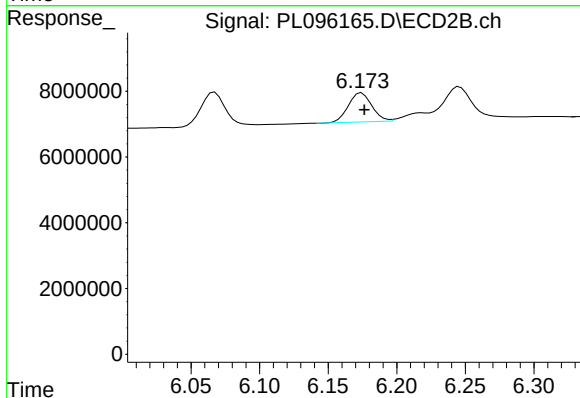
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.010 min
Response: 7411578
Conc: 2.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

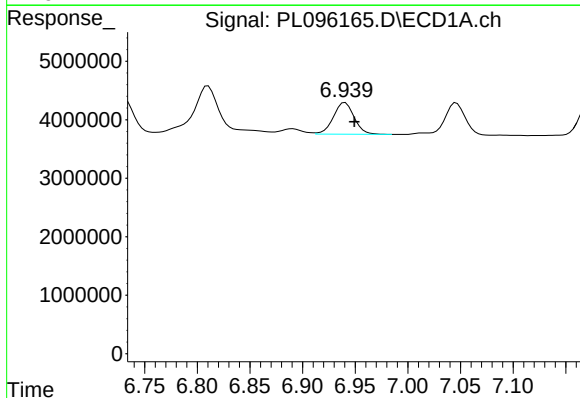
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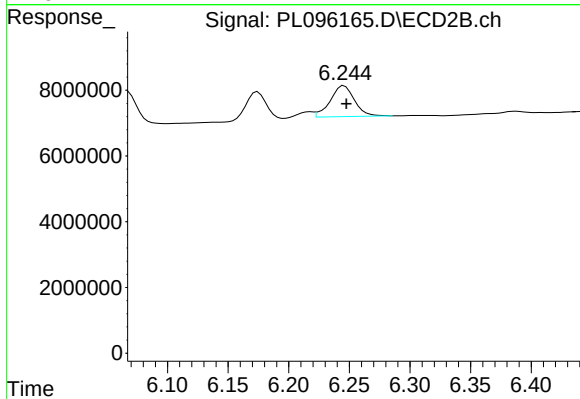
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 10509708
Conc: 1.91 ng/ml



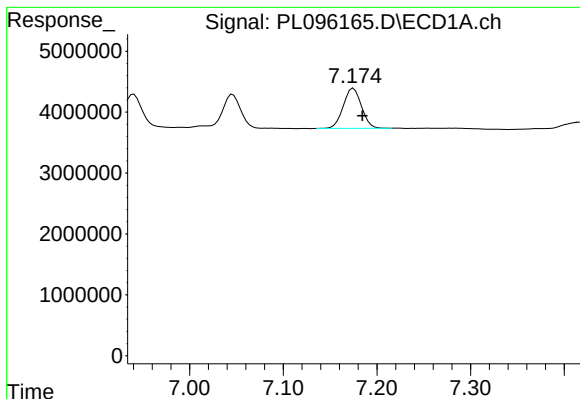
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.009 min
Response: 7476437
Conc: 2.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 12941546
Conc: 3.10 ng/ml m



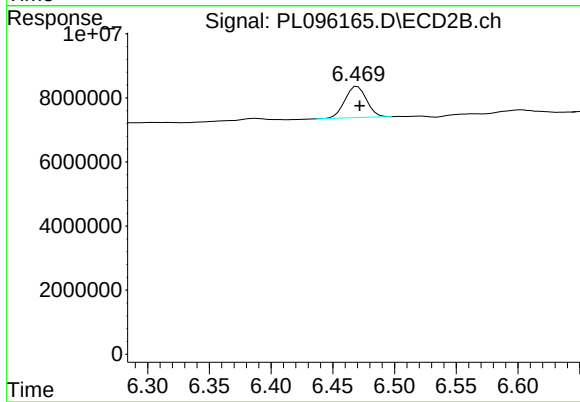
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.010 min
Response: 8898152
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

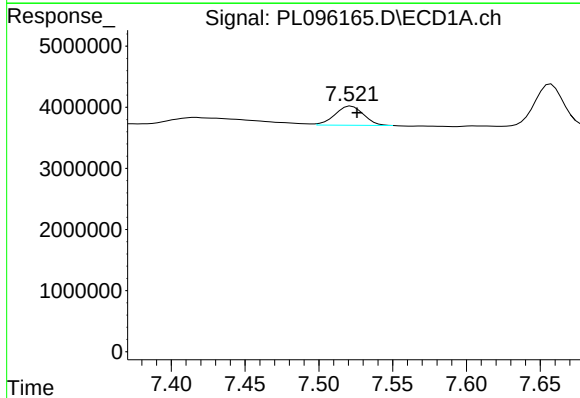
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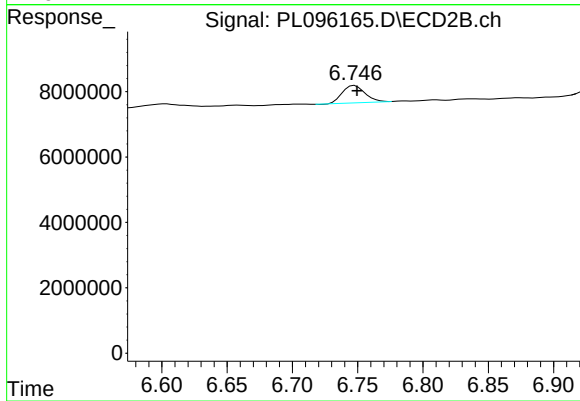
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 11875402
Conc: 2.32 ng/ml



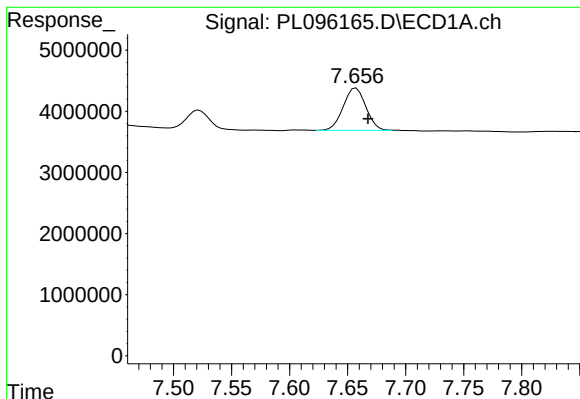
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.005 min
Response: 4228324
Conc: 2.57 ng/ml m



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 6385660
Conc: 2.18 ng/ml



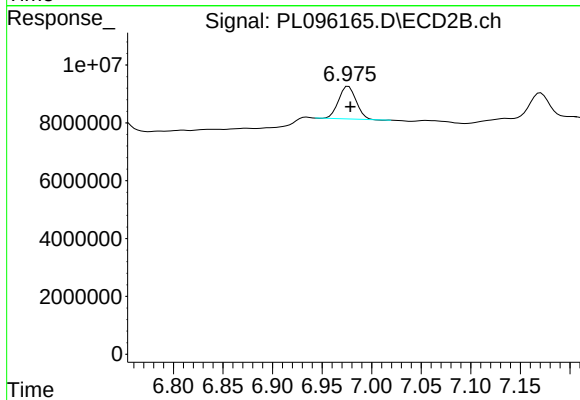
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.011 min
Response: 9432089
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

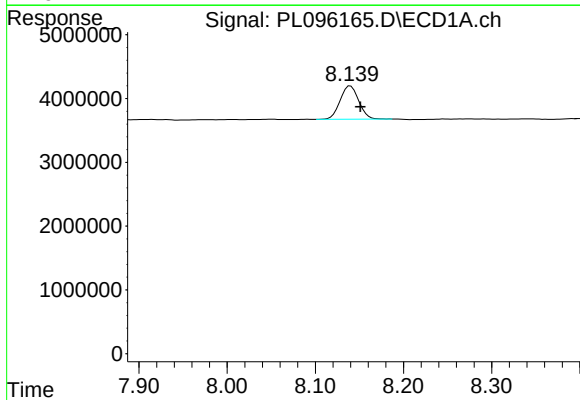
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



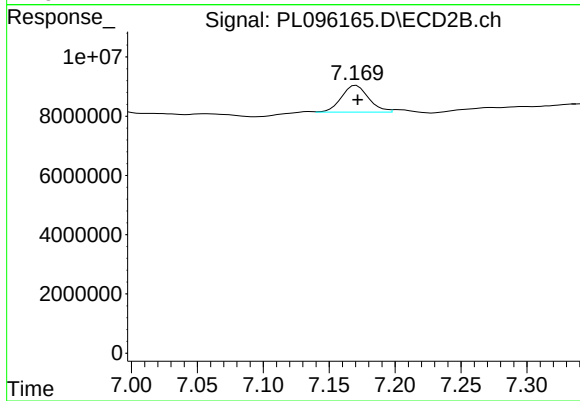
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 13769556
Conc: 2.30 ng/ml



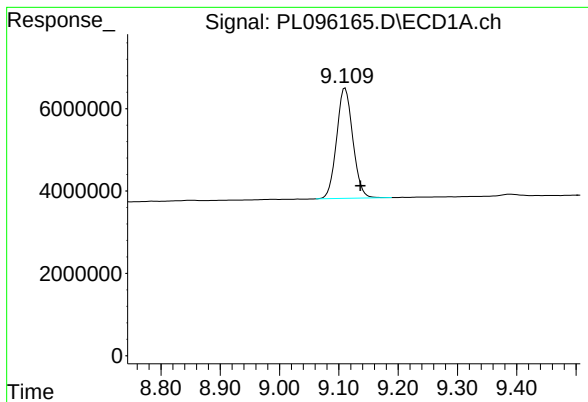
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.011 min
Response: 7656382
Conc: 2.80 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 13079537
Conc: 2.74 ng/ml m



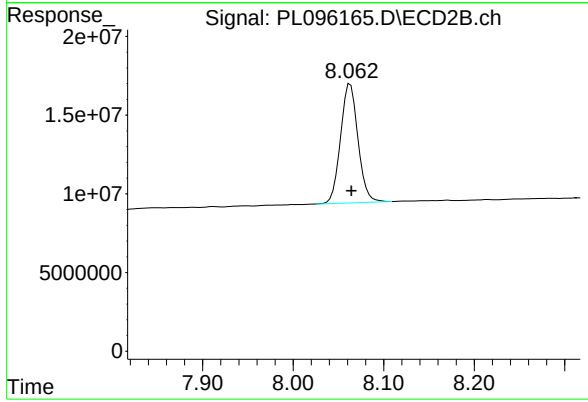
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.026 min
Response: 50964571
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 101204789
Conc: 18.81 ng/ml