

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 12:15
 Operator : AR\AJ
 Sample : Q2126-03
 Misc : MDL PEST 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :Sohil Jodhani 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:48:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.823	58387723	92358538	18.356	19.331
28) SA Decachlor...	9.020	7.992	47239515	94035596	19.810	21.676
Target Compounds						
2) A alpha-BHC	3.980	3.329	3701869	6343578	0.800m	0.896
3) MA gamma-BHC...	4.308	3.661	3255704	5143362	0.736m	0.779
4) MA Heptachlor	4.901	4.010	3733918	5770570	0.899m	0.866
5) MB Aldrin	5.241	4.293	3672806	5030052	0.854m	0.810
6) B beta-BHC	4.495	3.957	1322070	2846667	0.732m	1.009m#
7) B delta-BHC	4.742	4.191	4502055	5550893	1.128m	0.857
8) B Heptachlo...	5.661	4.796	3595779	5332255	0.932m	0.934
9) A Endosulfan I	6.044	5.167	3350634	5081969	0.932m	0.919
10) B gamma-Chl...	5.915	5.046	3561298	5823563	0.936m	0.990m
11) B alpha-Chl...	5.996	5.112	3590390	5552917	0.931m	0.941
12) B 4,4'-DDE	6.166	5.301	2516681	5048083	0.784m	0.915
13) MA Dieldrin	6.316	5.432	3522405	7275686	0.949m	1.232 #
14) MA Endrin	6.543	5.708	3581645	7748307	1.183m	1.433m
15) B Endosulfa...	6.752	5.999	3817355	5676543	1.192m	1.105
16) A 4,4'-DDD	6.675	5.852	2717140	4856199	1.075m	1.032m
17) MA 4,4'-DDT	6.990	6.105	2373841	4059234	0.828m	0.802m
19) B Endosulfa...	7.118	6.401	3278736	6153347	1.141m	1.210
20) A Methoxychlor	7.464	6.679	1363079	2585542	0.928m	0.943m
21) B Endrin ke...	7.598	6.904	3438500	6502111	1.144m	1.167m
22) Mirex	8.078	7.095	2980866	5318069	1.202m	1.219m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096660.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:15
Operator : AR\AJ
Sample : Q2126-03
Misc : MDL PEST 1PPB
ALS Vial : 7 Sample Multiplier: 1

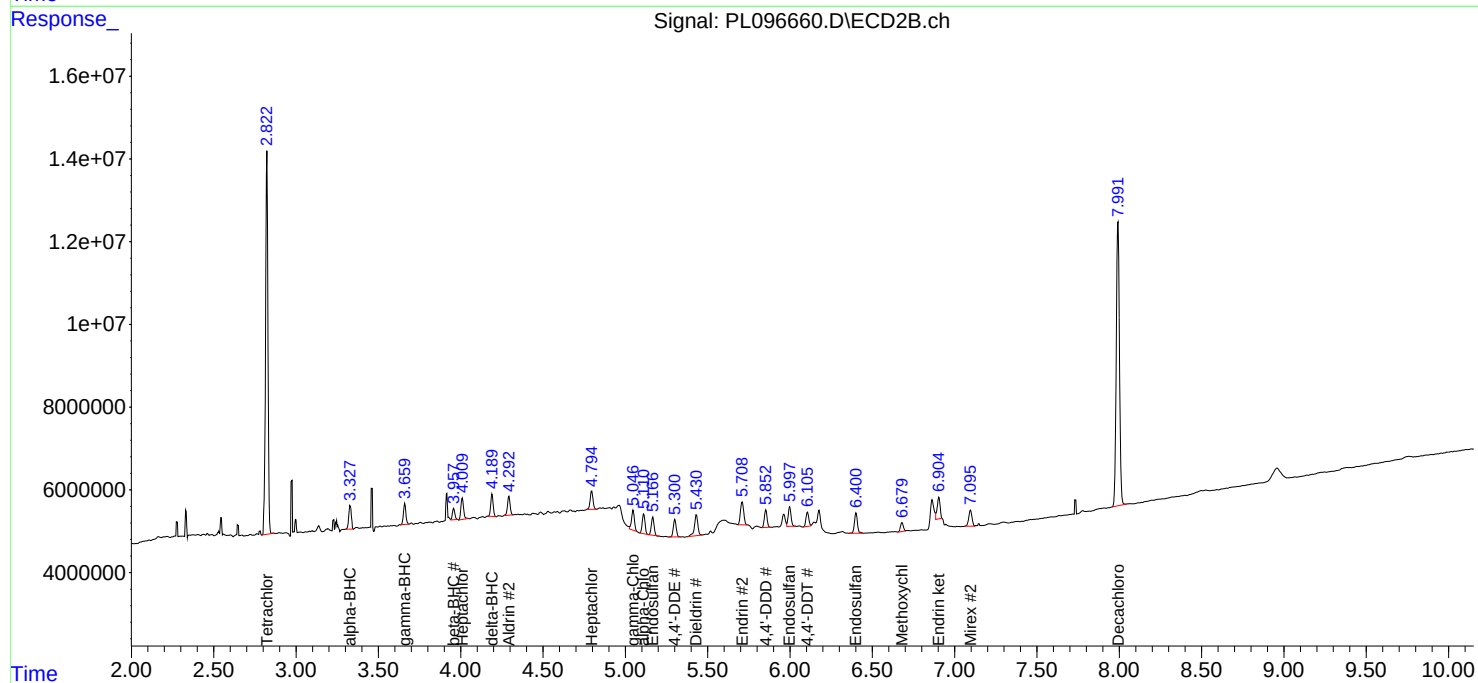
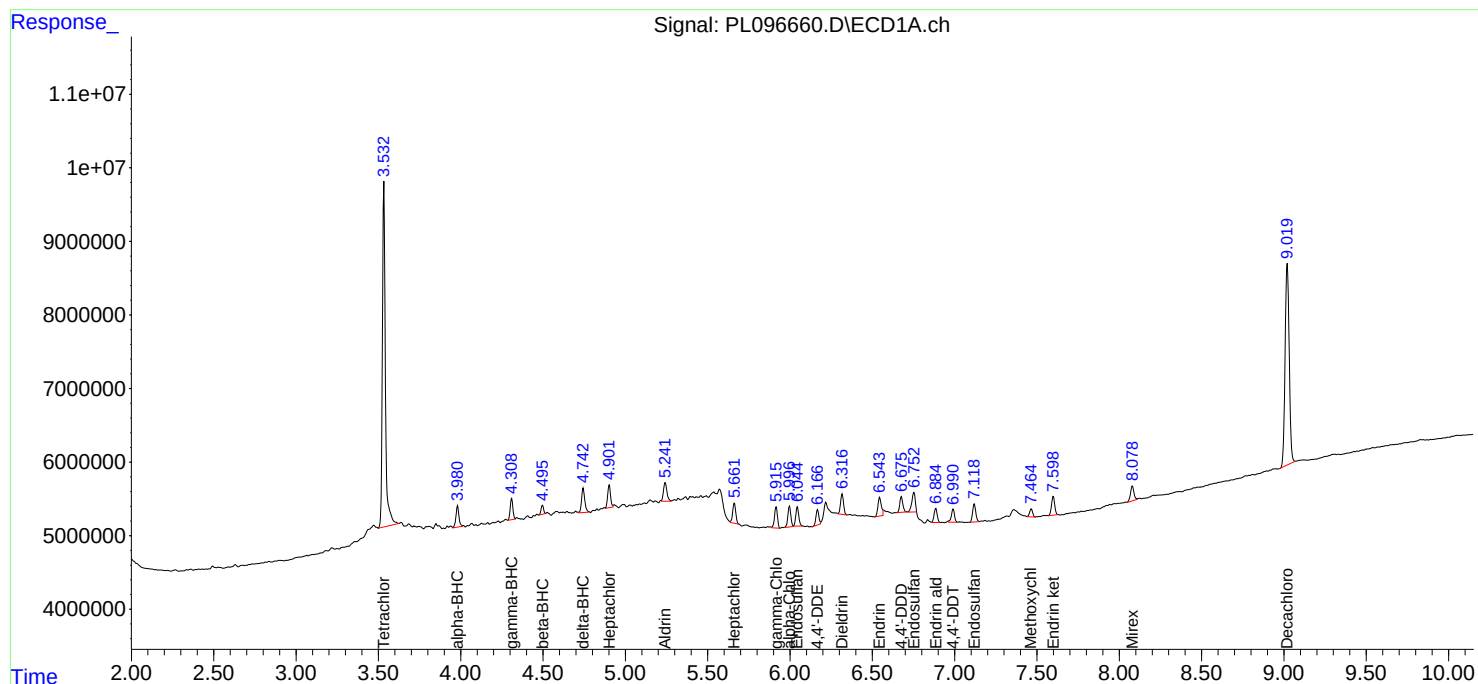
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

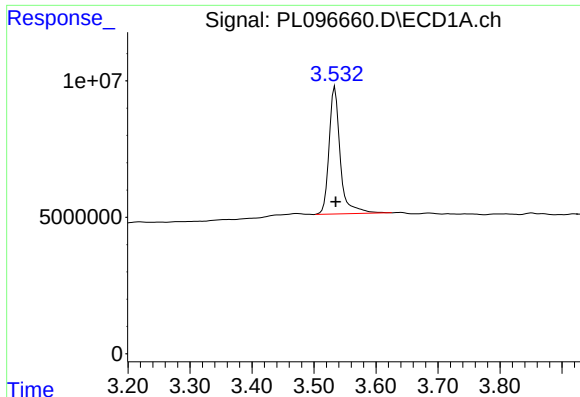
Manual Integrations
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Reviewed By :Yogesh Patel 08/01/2025
Supervised By :Sohil Jodhani 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:48:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





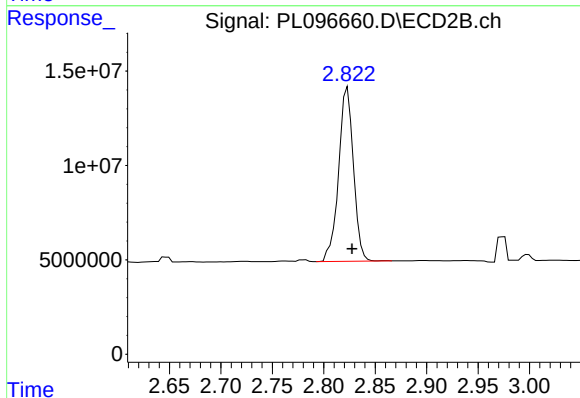
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 58387723
Conc: 18.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

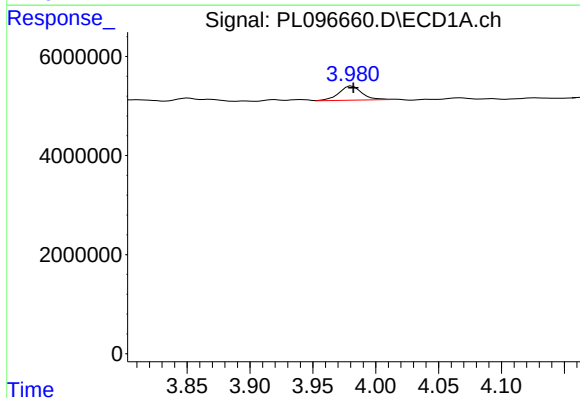
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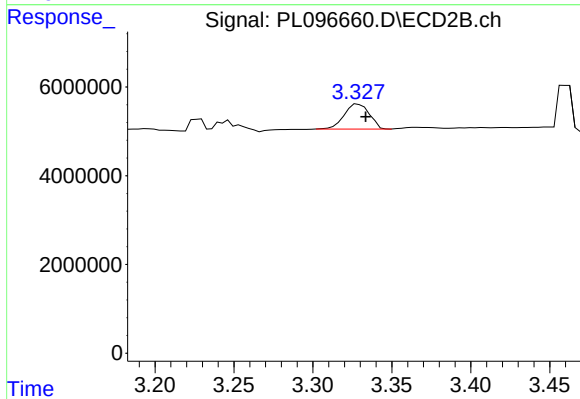
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.005 min
Response: 92358538
Conc: 19.33 ng/ml



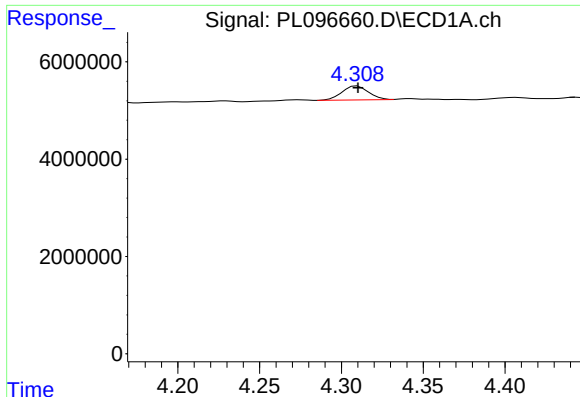
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 3701869
Conc: 0.80 ng/ml m



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.005 min
Response: 6343578
Conc: 0.90 ng/ml



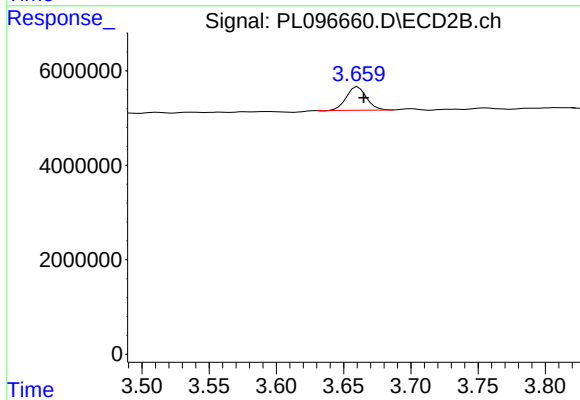
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.002 min
Response: 3255704
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

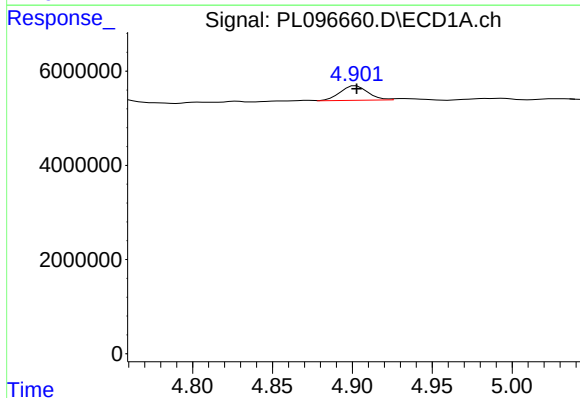
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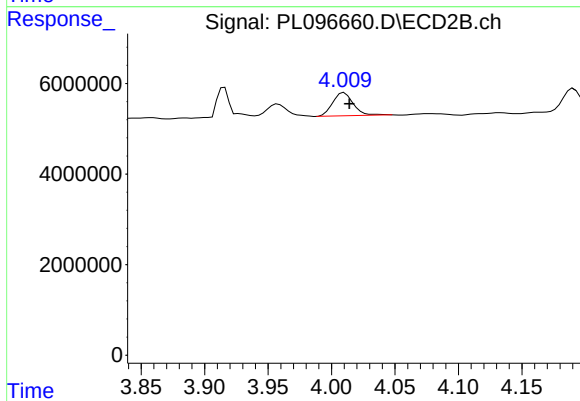
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 5143362
Conc: 0.78 ng/ml



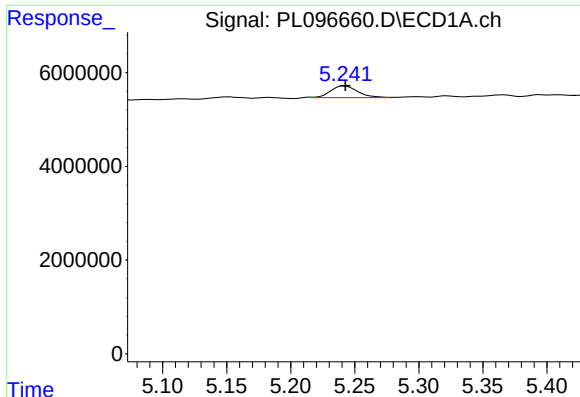
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 3733918
Conc: 0.90 ng/ml m



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 5770570
Conc: 0.87 ng/ml



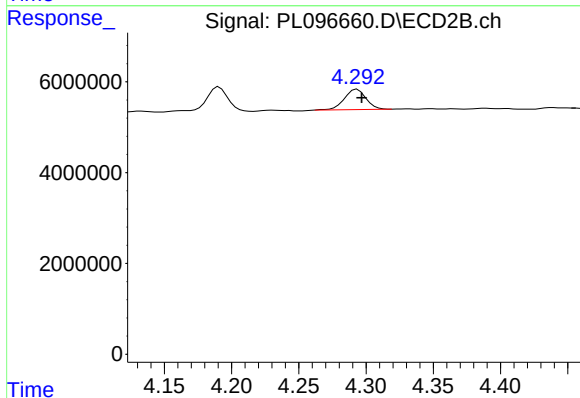
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 3672806
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

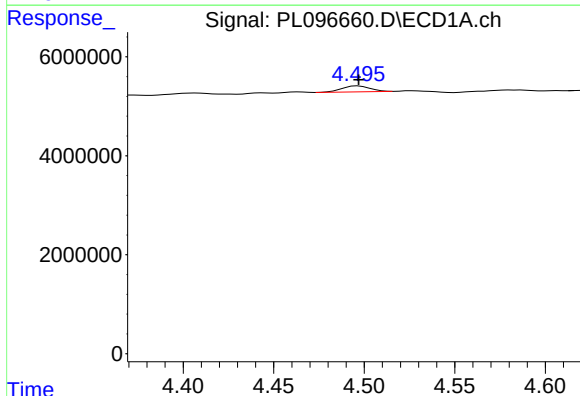
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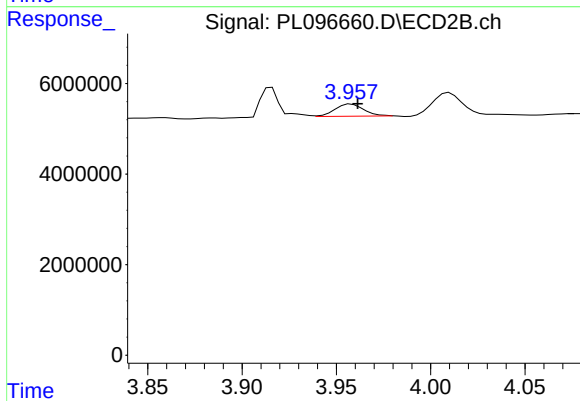
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 5030052
Conc: 0.81 ng/ml



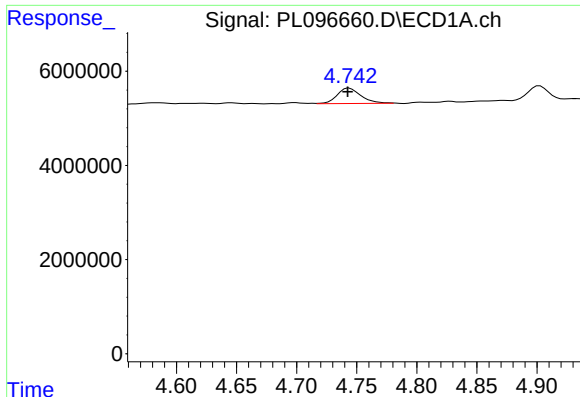
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 1322070
Conc: 0.73 ng/ml m



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.005 min
Response: 2846667
Conc: 1.01 ng/ml m



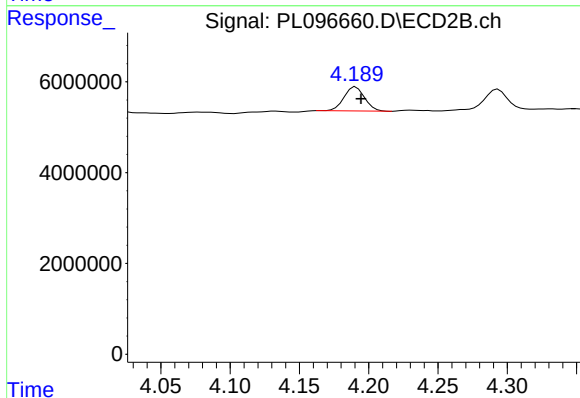
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 4502055
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

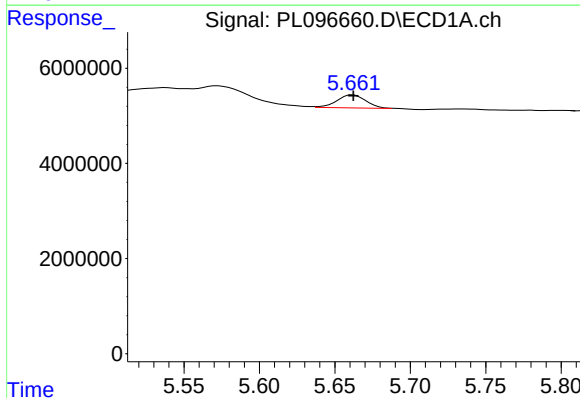
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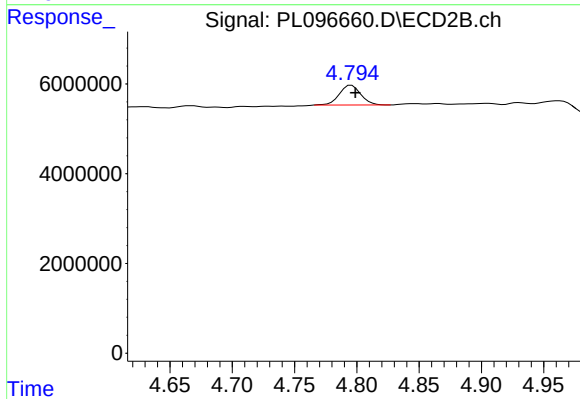
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 5550893
Conc: 0.86 ng/ml



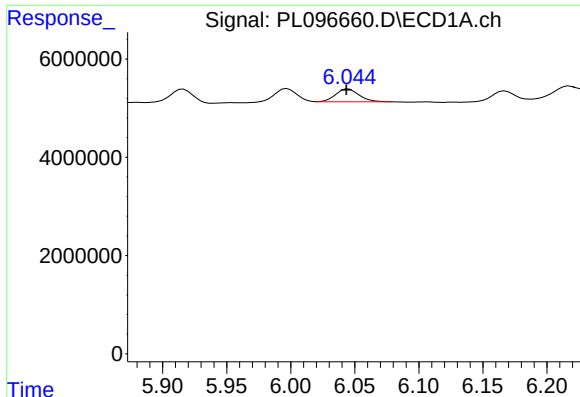
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 3595779
Conc: 0.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 5332255
Conc: 0.93 ng/ml



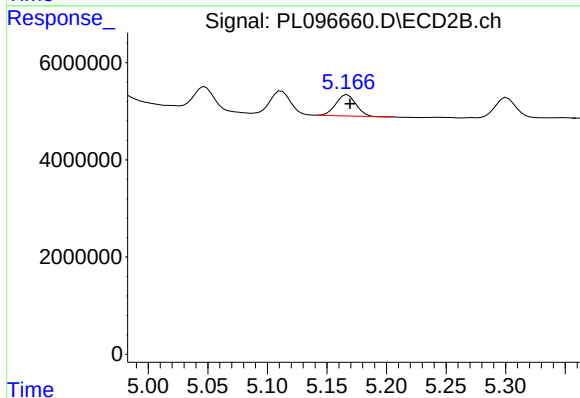
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 3350634
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

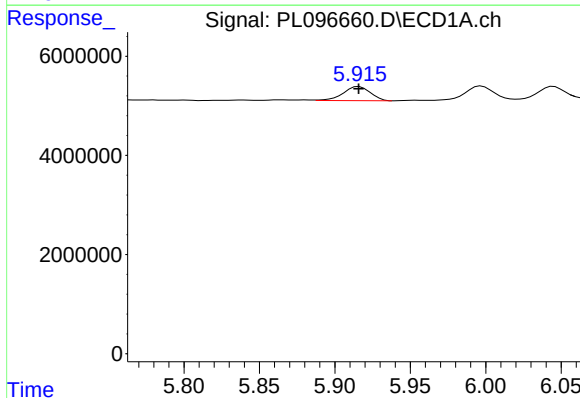
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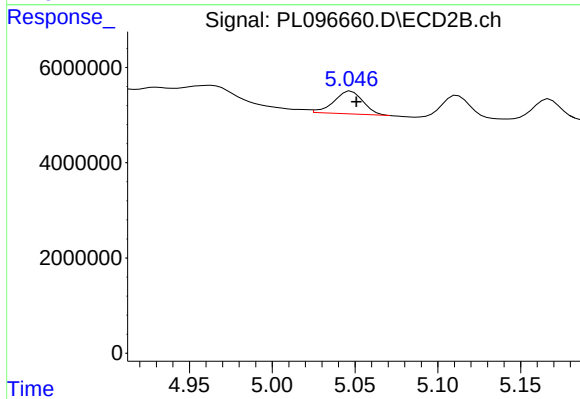
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 5081969
Conc: 0.92 ng/ml



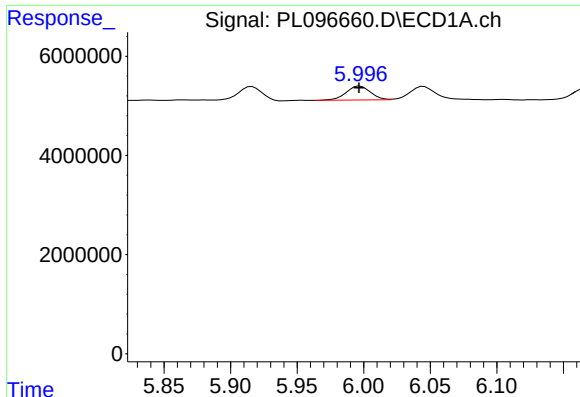
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 3561298
Conc: 0.94 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 5823563
Conc: 0.99 ng/ml m



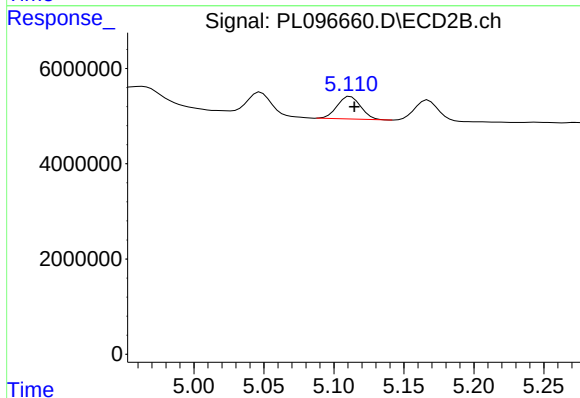
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 3590390
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

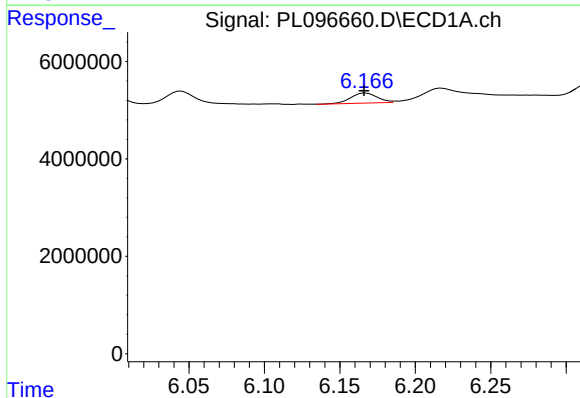
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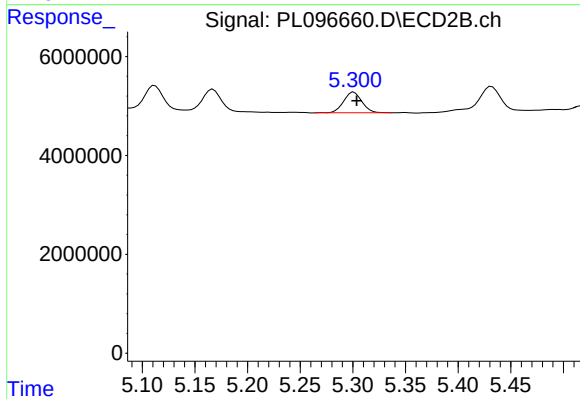
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 5552917
Conc: 0.94 ng/ml



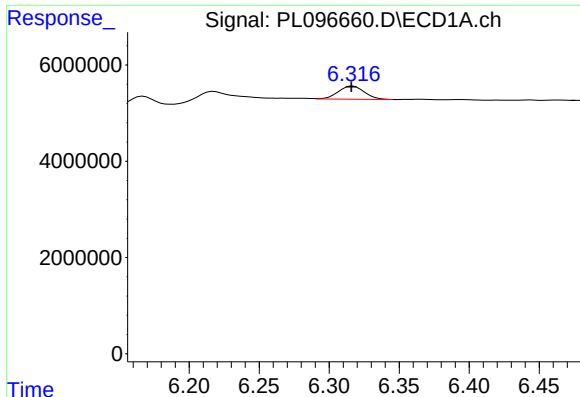
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 2516681
Conc: 0.78 ng/ml m



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 5048083
Conc: 0.92 ng/ml



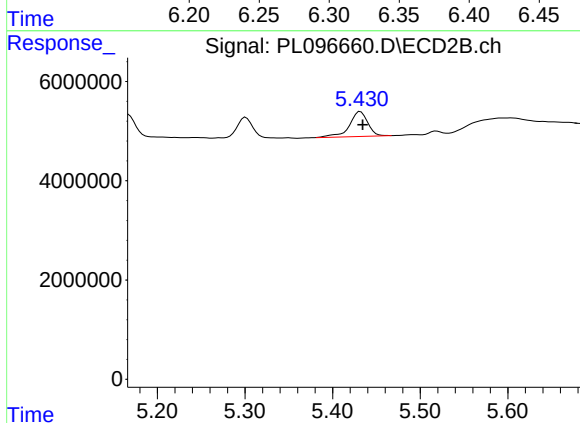
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 3522405
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

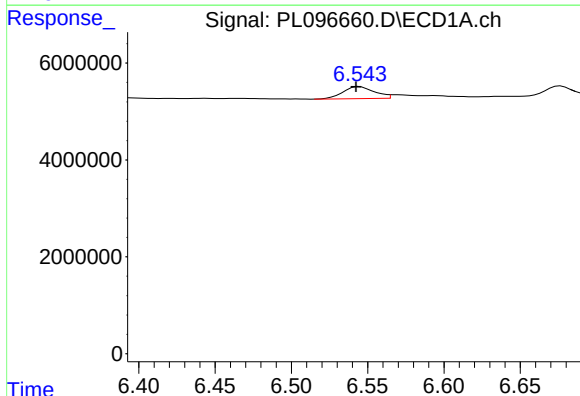
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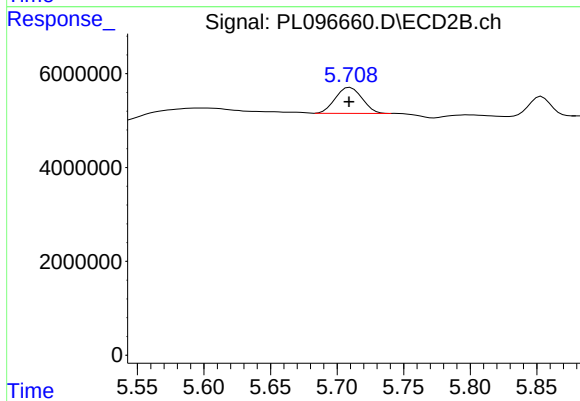
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 7275686
Conc: 1.23 ng/ml



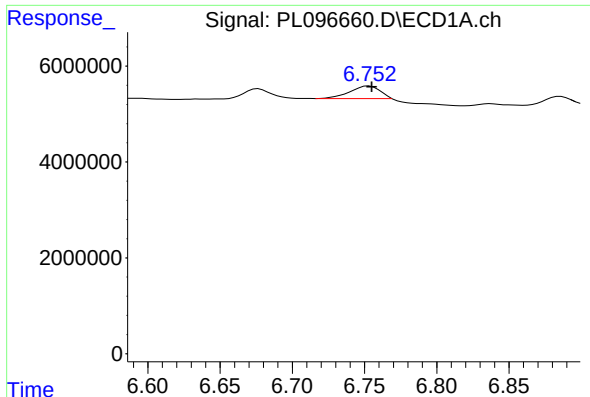
#14 Endrin

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3581645
Conc: 1.18 ng/ml m



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 7748307
Conc: 1.43 ng/ml m



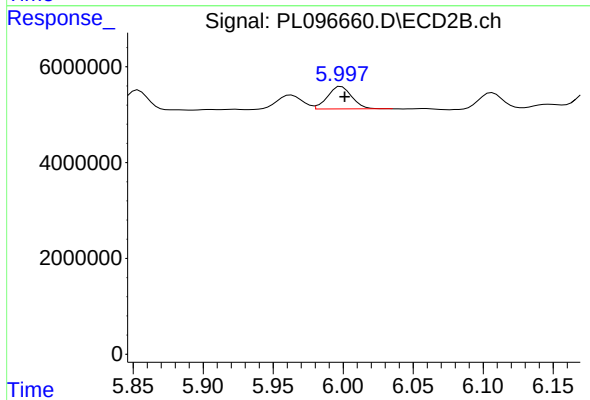
#15 Endosulfan II

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 3817355
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

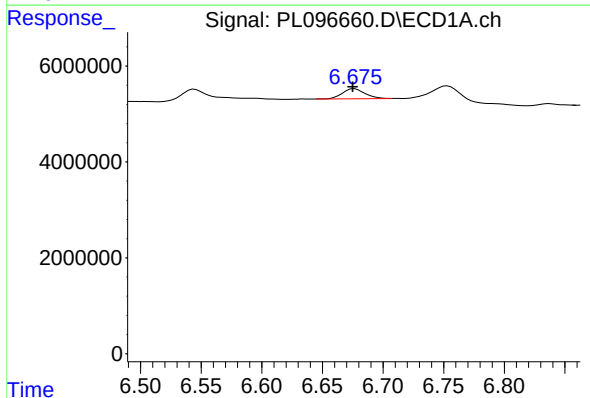
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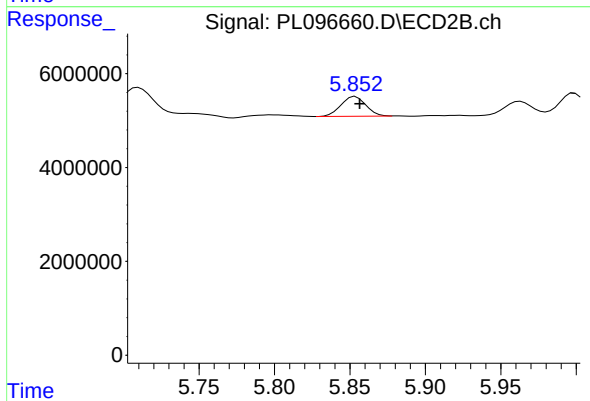
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 5676543
Conc: 1.11 ng/ml



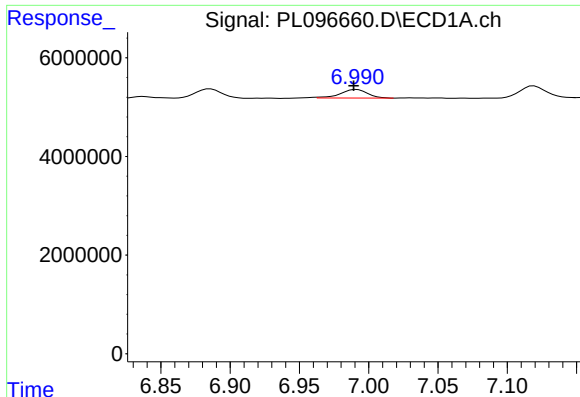
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2717140
Conc: 1.07 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 4856199
Conc: 1.03 ng/ml m



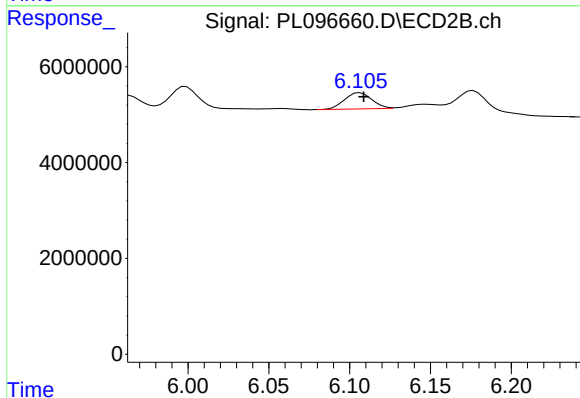
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 2373841
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

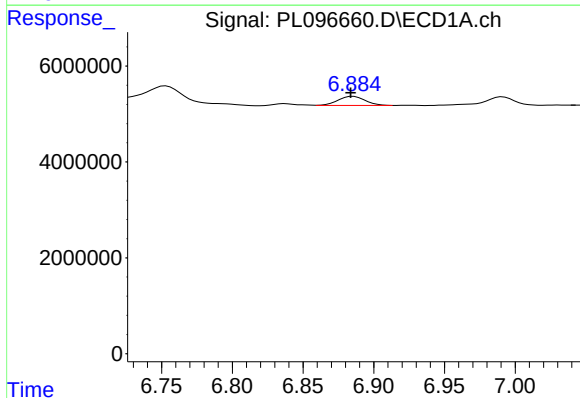
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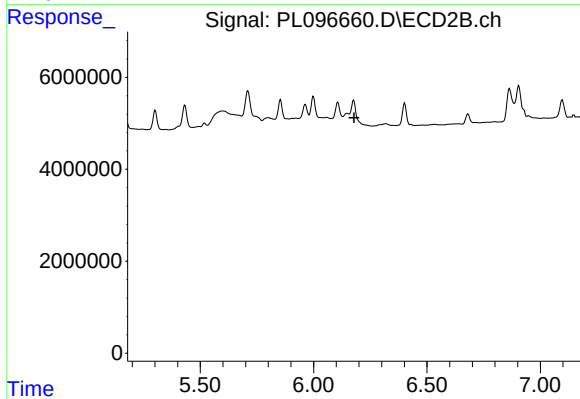
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 4059234
Conc: 0.80 ng/ml m



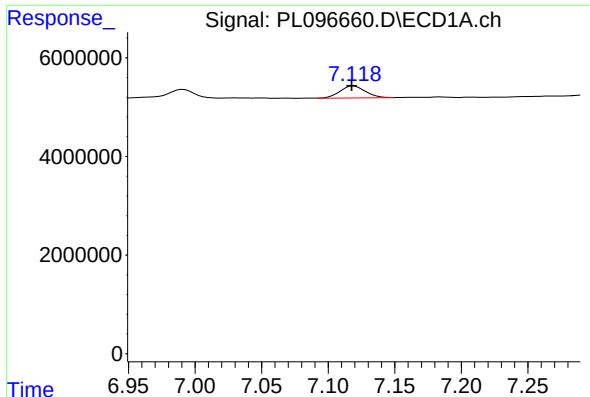
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2503417
Conc: 1.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 5153658
Conc: N.D.



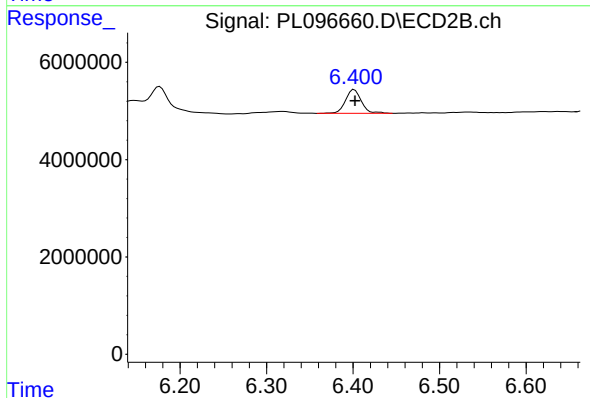
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 3278736
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

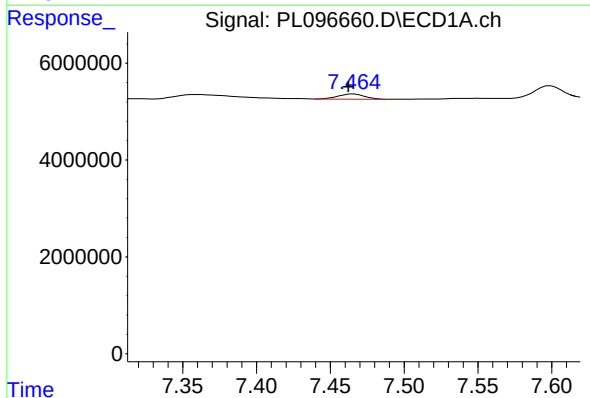
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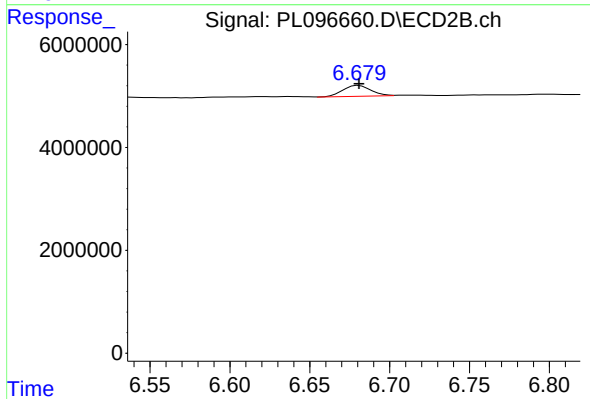
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 6153347
Conc: 1.21 ng/ml



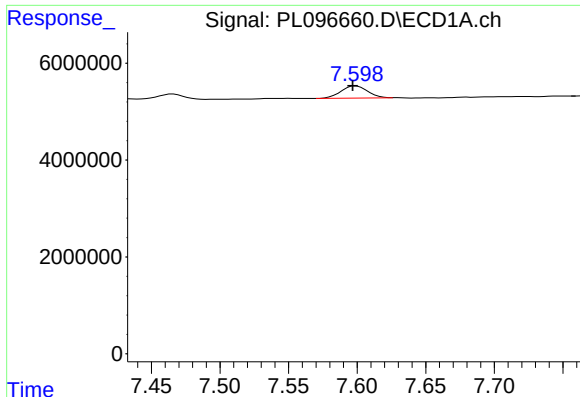
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.002 min
Response: 1363079
Conc: 0.93 ng/ml m



#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 2585542
Conc: 0.94 ng/ml m



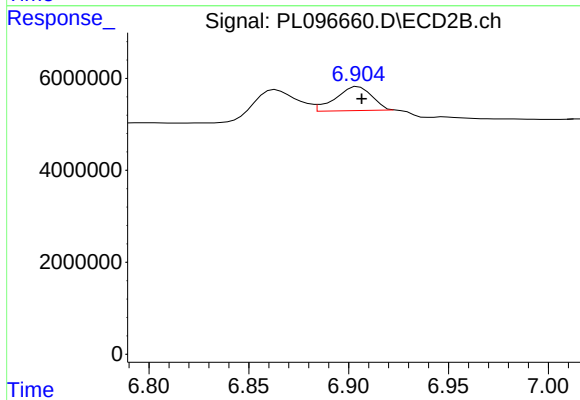
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 3438500
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

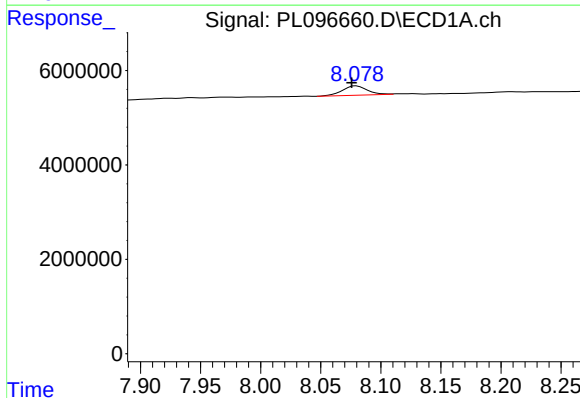
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :Sohil Jodhani 08/01/2025



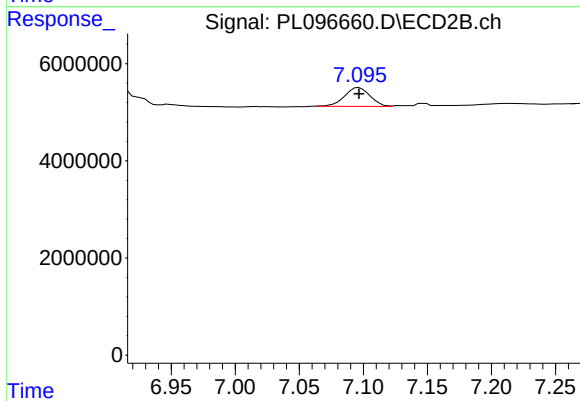
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 6502111
Conc: 1.17 ng/ml m



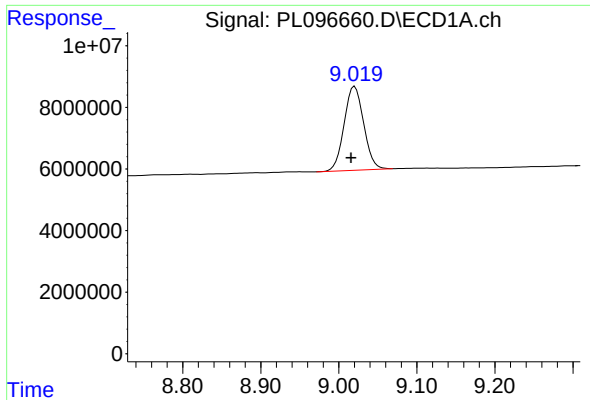
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.002 min
Response: 2980866
Conc: 1.20 ng/ml m



#22 Mirex

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 5318069
Conc: 1.22 ng/ml m



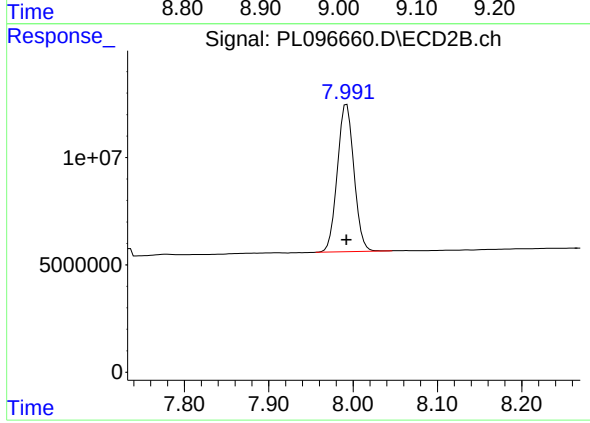
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.005 min
Response: 47239515
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2025

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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 94035596
Conc: 21.68 ng/ml