

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 16:44
 Operator : AR\AJ
 Sample : 04699-01
 Misc : TOX LOD 50PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 16:55:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.576	2.804	26361239	39975180	16.327	17.266
28)	SA Decachlor...	9.122	7.955	36783936	46110202	18.337	18.917
Target Compounds							
2)	A alpha-BHC	0.000	3.305	0	268756	N.D.	0.078 #
3)	MA gamma-BHC...	0.000	3.654	0	830094	N.D.	0.244 #
7)	B delta-BHC	4.808	0.000	1086975	0	0.406	N.D. #
8)	B Heptachlo...	0.000	4.762	0	161760	N.D.	0.055 #
9)	A Endosulfan I	6.088f	0.000	64690	0	0.030	N.D. #
10)	B gamma-Chl...	5.957f	5.040f	200670	905321	0.088	0.316 #
11)	B alpha-Chl...	6.057	0.000	54313	0	0.024	N.D. #
12)	B 4,4'-DDE	0.000	5.258	0	166882	N.D.	0.063 #
14)	MA Endrin	6.595f	5.694f	272000	235417	0.140	0.092 #
15)	B Endosulfa...	6.855f	5.967	146180	658550	0.072	0.264 #
16)	A 4,4'-DDD	6.748	5.843f	424128	192308	0.241	0.084 #
17)	MA 4,4'-DDT	0.000	6.080	0	493440	N.D.	0.216 #
18)	B Endrin al...	6.982f	6.158	229088	345101	0.148	0.186 #
19)	B Endosulfa...	7.197	6.370	2061293	96051	1.037	0.041 #
20)	A Methoxychlor	7.505f	6.638	642850	2438914	0.587	1.796 #
21)	B Endrin ke...	7.667f	6.889	649369	-150635	0.298	N.D. #
22)	Mirex	0.000	7.047f	0	290387	N.D.	0.136 #
25)	Chlordane-3	5.957f	5.040f	200670	905321	0.647	3.394 #
26)	Chlordane-4	6.057	0.000	54313	0	0.146	N.D. #
27)	Chlordane-5	6.903	5.967	539599	658550	7.679	6.608

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

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 Data File : PD079154.D
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 Operator : AR\AJ
 Sample : 04699-01
 Misc : TOX LOD 50PPB
 ALS Vial : 16 Sample Multiplier: 1

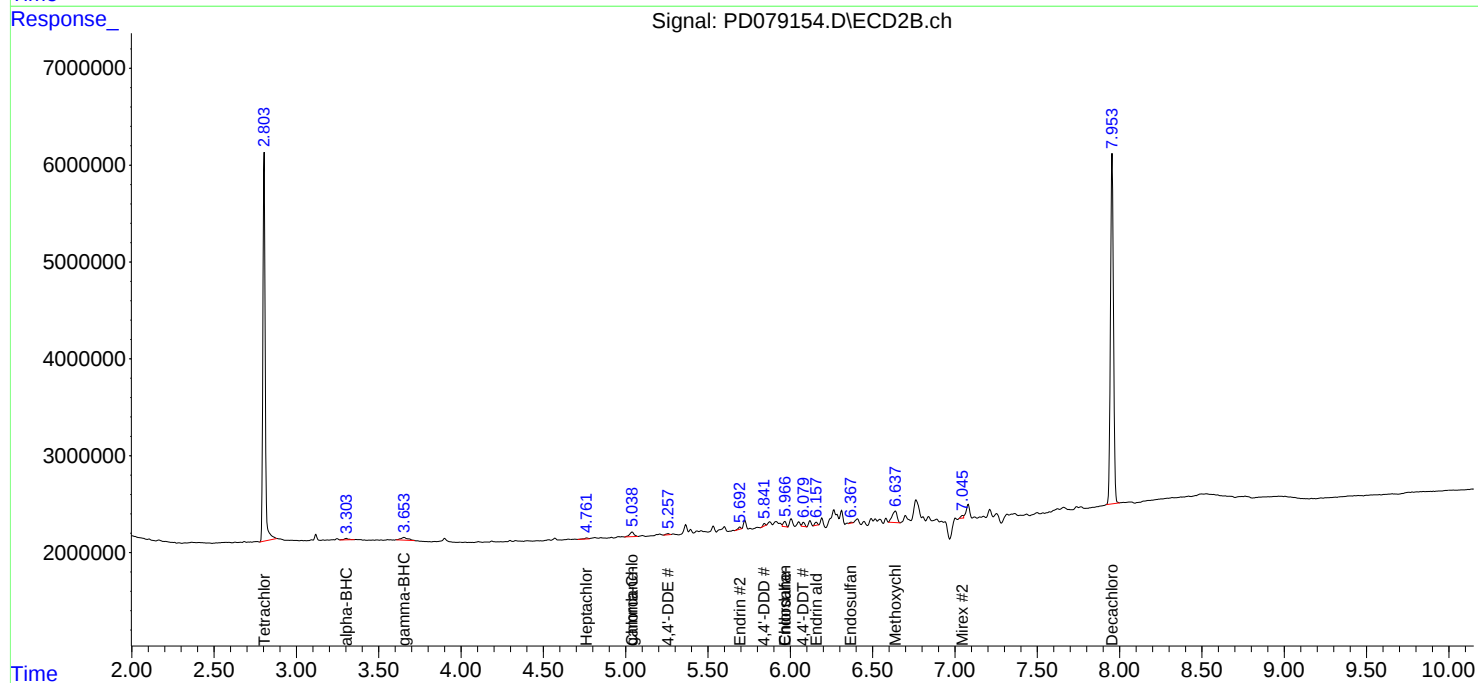
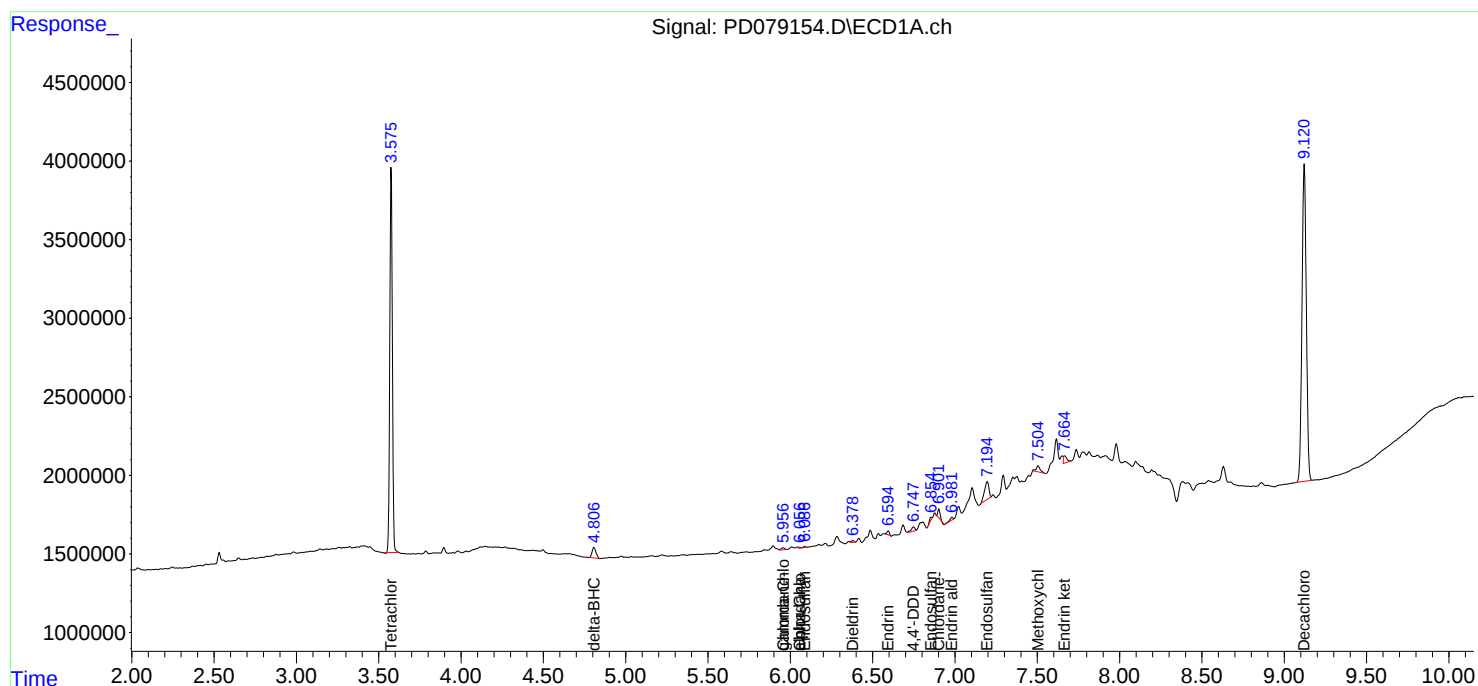
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

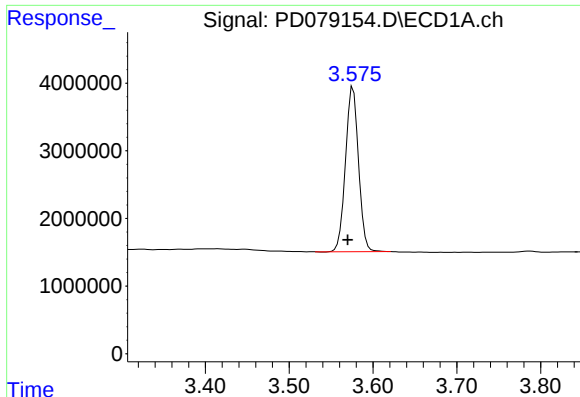
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/26/2023

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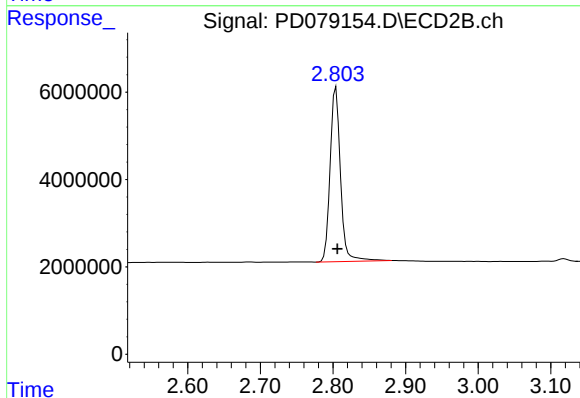
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: 0.006 min
Response: 26361239
Conc: 16.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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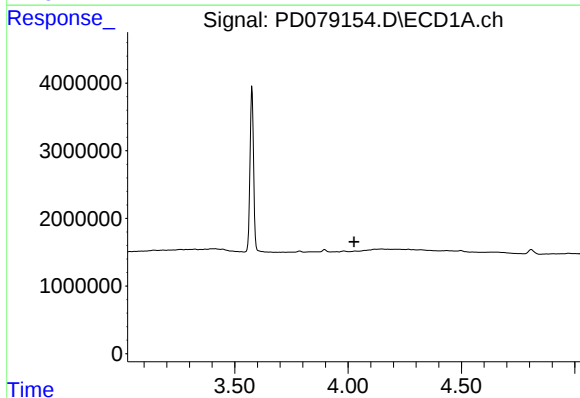
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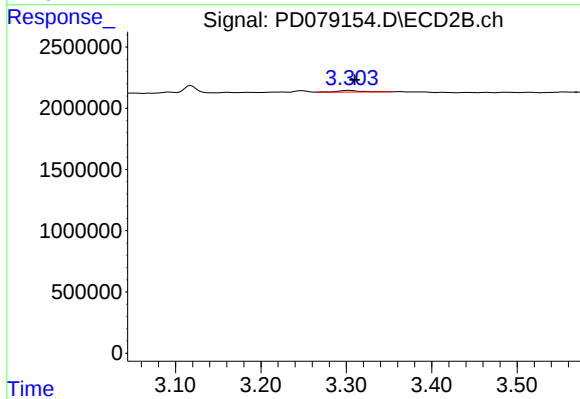
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.002 min
Response: 39975180
Conc: 17.27 ng/ml



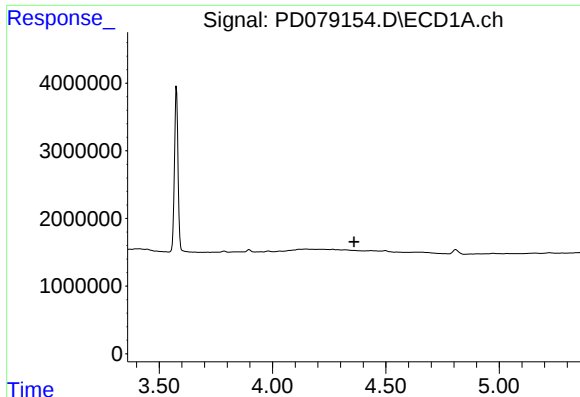
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.026 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.005 min
Response: 268756
Conc: 0.08 ng/ml



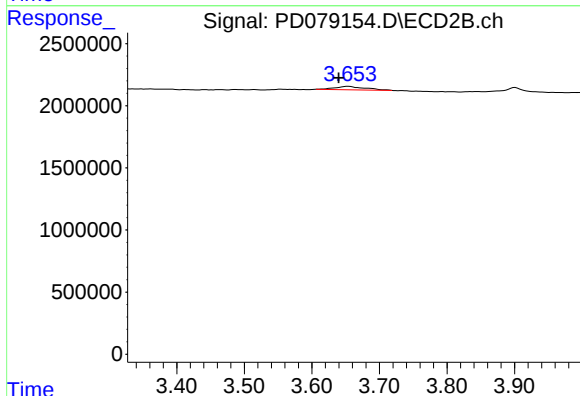
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.359 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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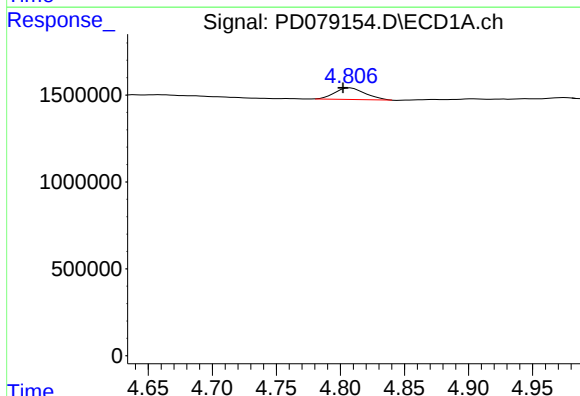
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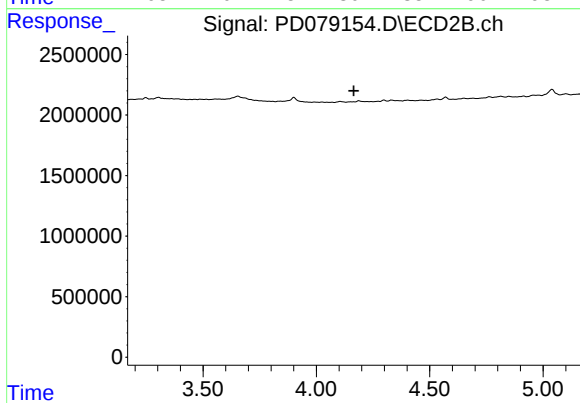
#3 gamma-BHC (Lindane)

R.T.: 3.654 min
Delta R.T.: 0.014 min
Response: 830094
Conc: 0.24 ng/ml



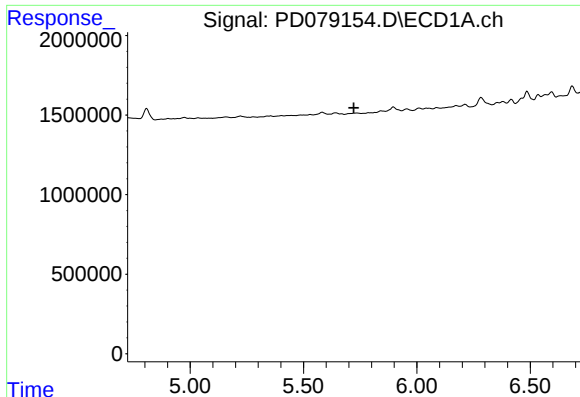
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.006 min
Response: 1086975
Conc: 0.41 ng/ml



#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.165 min
Response: 0
Conc: N.D.



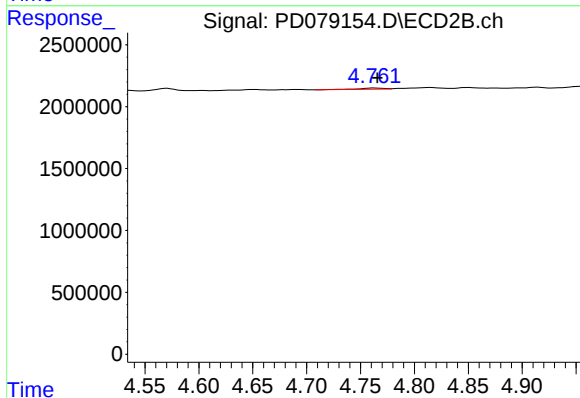
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.722 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

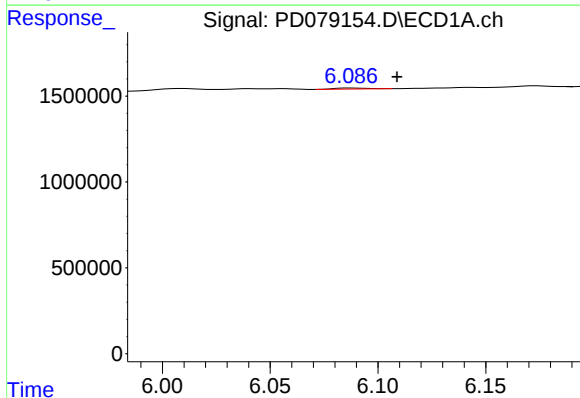
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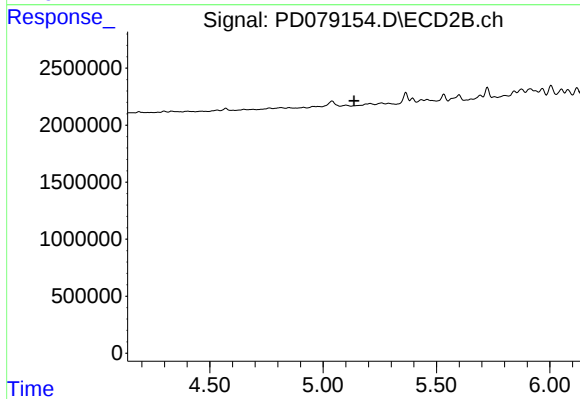
#8 Heptachlor epoxide

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 161760
Conc: 0.05 ng/ml



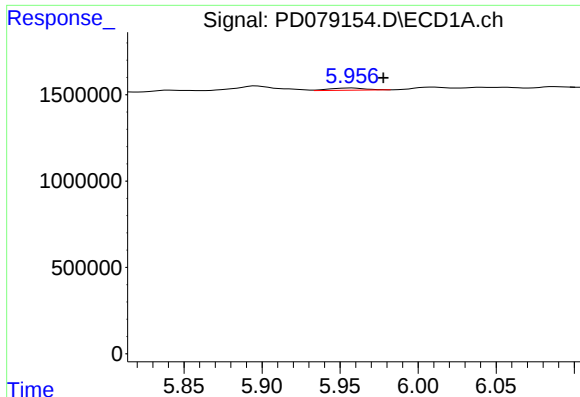
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: -0.021 min
Response: 64690
Conc: 0.03 ng/ml



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.136 min
Response: 0
Conc: N.D.



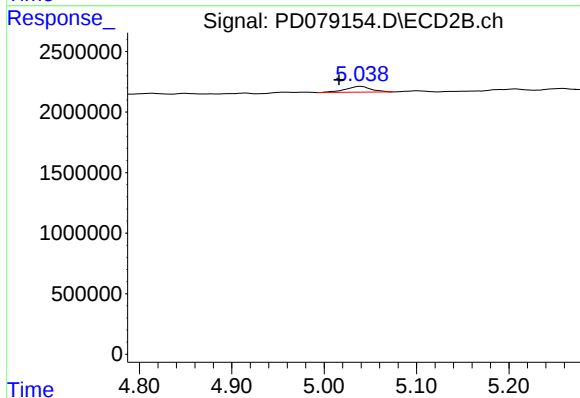
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.021 min
Response: 200670
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

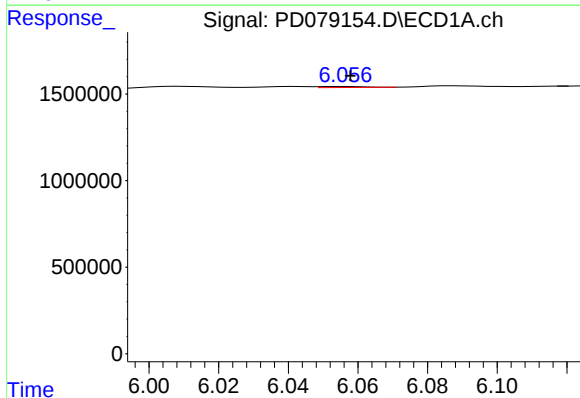
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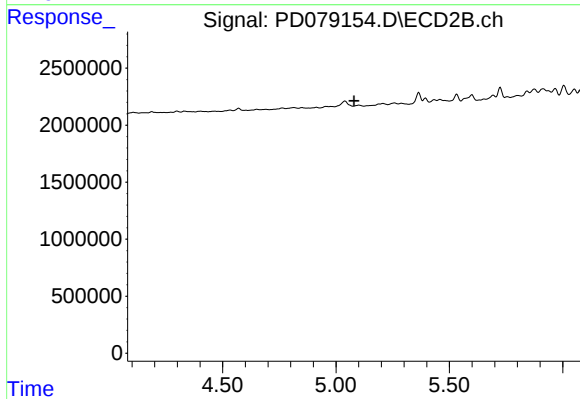
#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.024 min
Response: 905321
Conc: 0.32 ng/ml



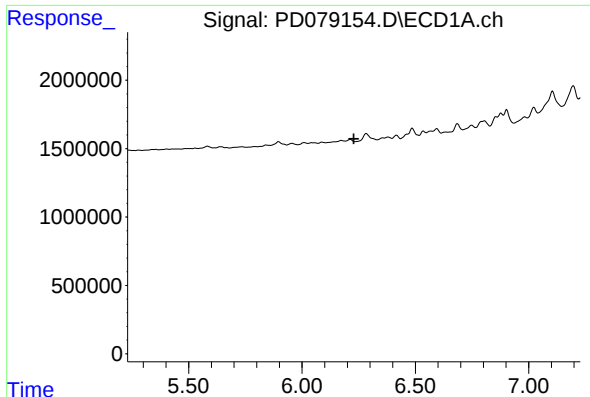
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 54313
Conc: 0.02 ng/ml



#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.080 min
Response: 0
Conc: N.D.



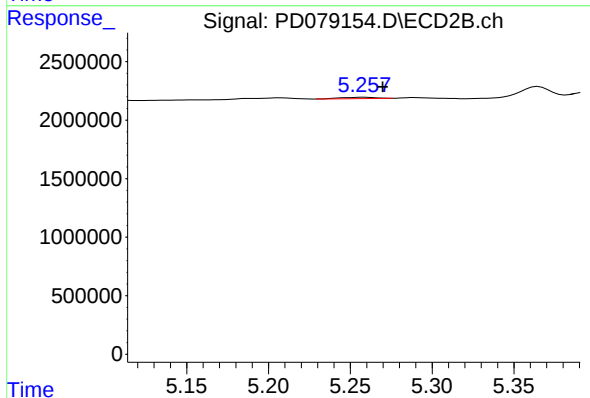
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

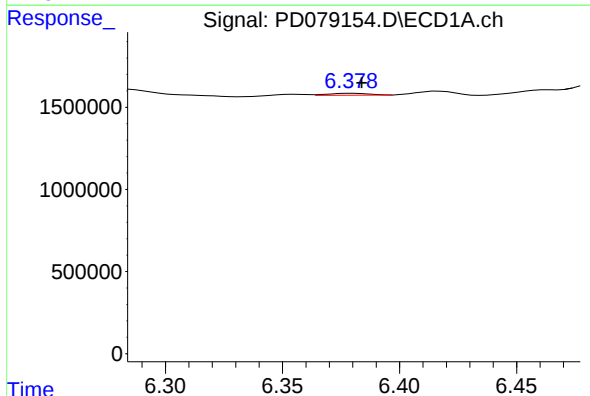
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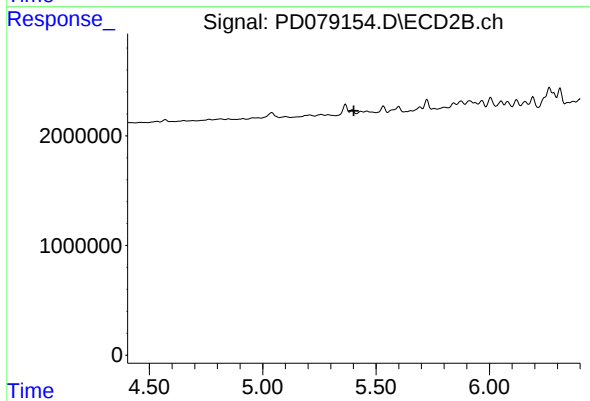
#12 4,4'-DDE

R.T.: 5.258 min
Delta R.T.: -0.012 min
Response: 166882
Conc: 0.06 ng/ml



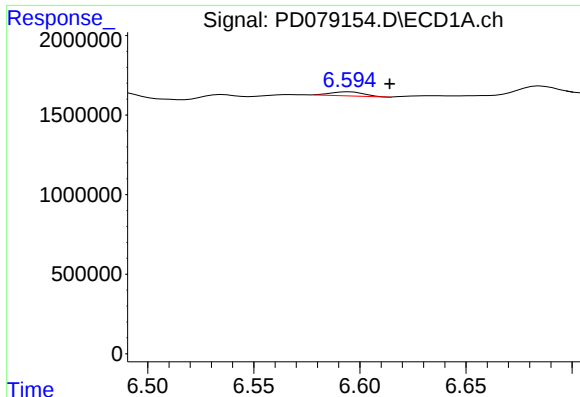
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: -0.004 min
Response: 136081
Conc: 0.06 ng/ml



#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: -213767
Conc: N.D.



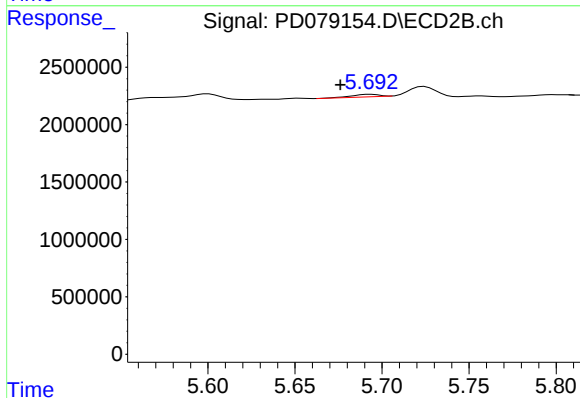
#14 Endrin

R.T.: 6.595 min
Delta R.T.: -0.019 min
Response: 272000
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

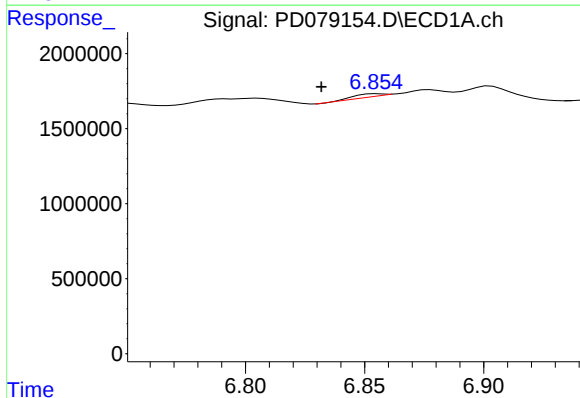
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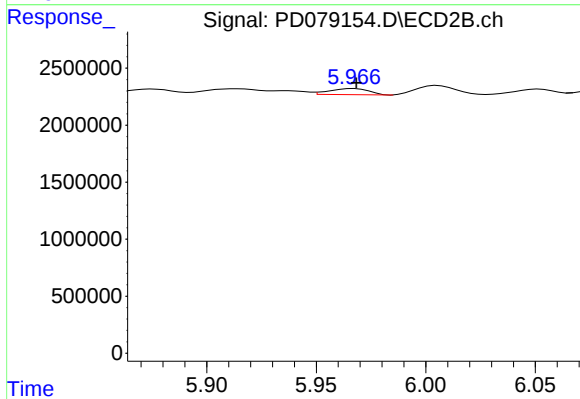
#14 Endrin

R.T.: 5.694 min
Delta R.T.: 0.018 min
Response: 235417
Conc: 0.09 ng/ml



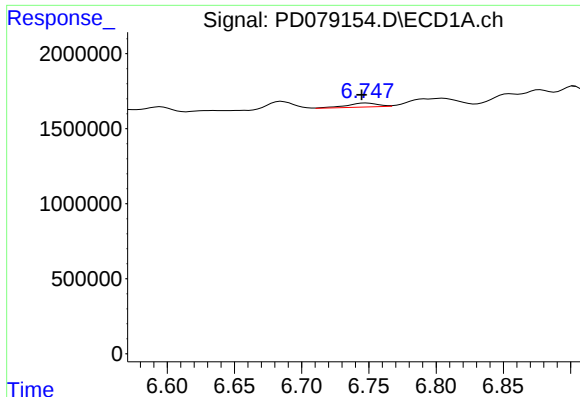
#15 Endosulfan II

R.T.: 6.855 min
Delta R.T.: 0.023 min
Response: 146180
Conc: 0.07 ng/ml



#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 658550
Conc: 0.26 ng/ml



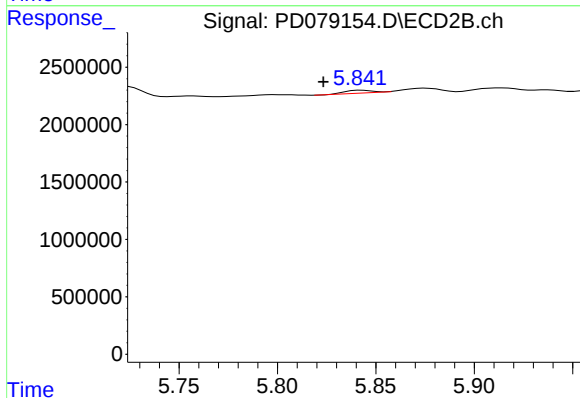
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 424128
Conc: 0.24 ng/ml

Instrument :
ECD_D
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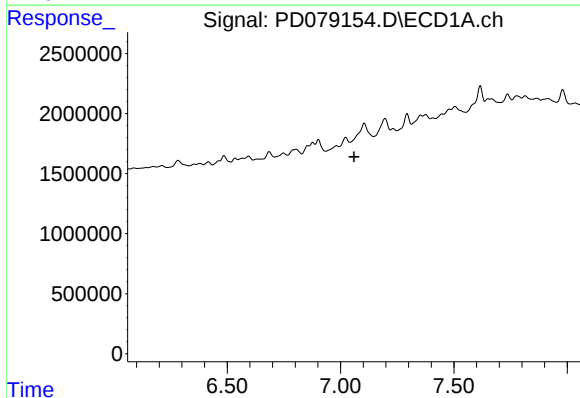
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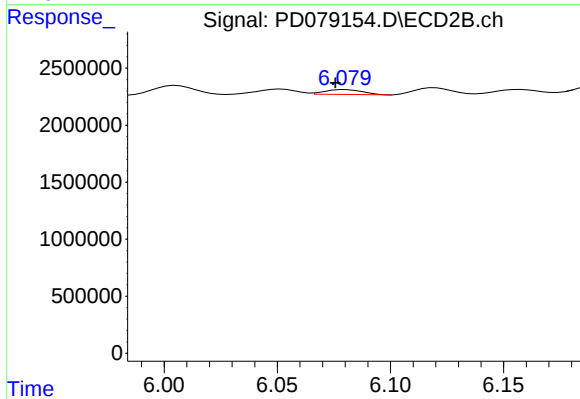
#16 4,4'-DDD

R.T.: 5.843 min
Delta R.T.: 0.020 min
Response: 192308
Conc: 0.08 ng/ml



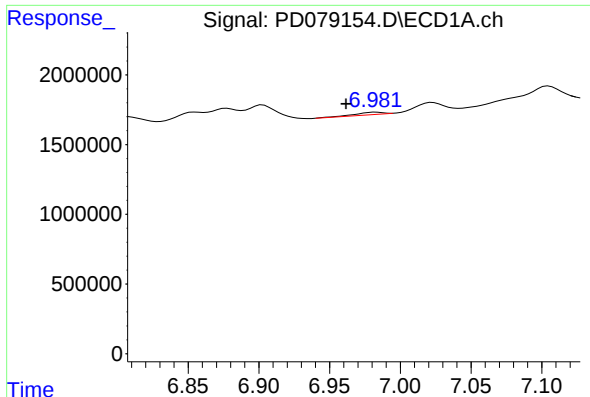
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 493440
Conc: 0.22 ng/ml



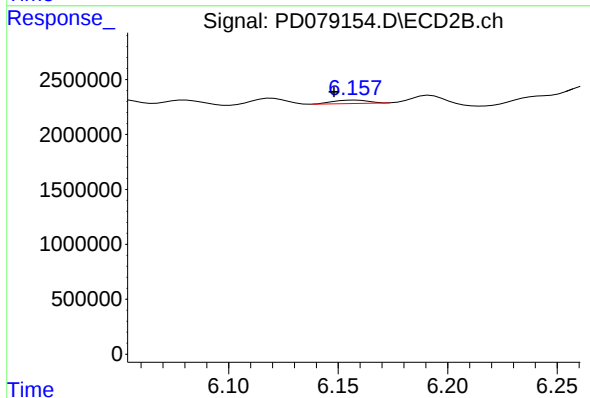
#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: 0.021 min
Response: 229088
Conc: 0.15 ng/ml

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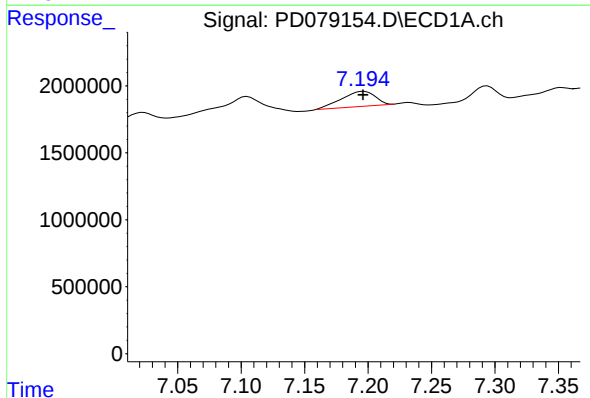
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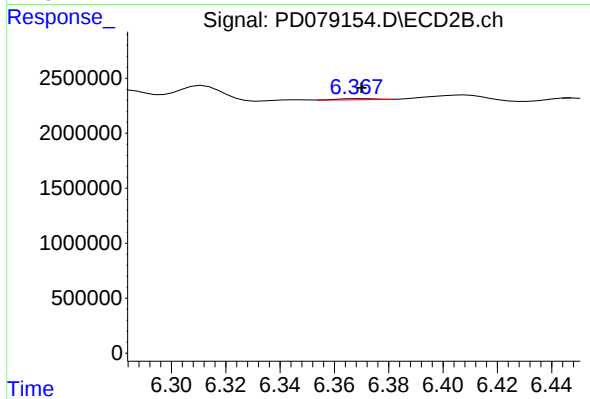
#18 Endrin aldehyde

R.T.: 6.158 min
Delta R.T.: 0.010 min
Response: 345101
Conc: 0.19 ng/ml



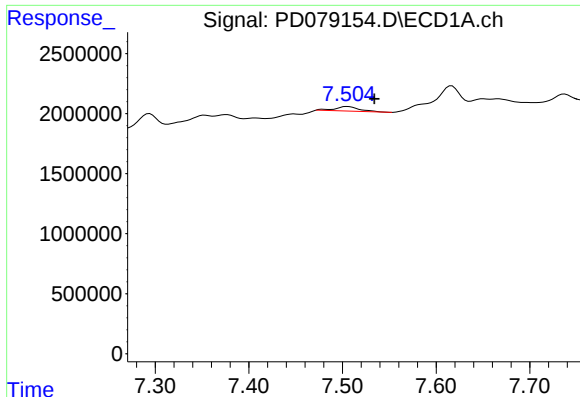
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 2061293
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 96051
Conc: 0.04 ng/ml



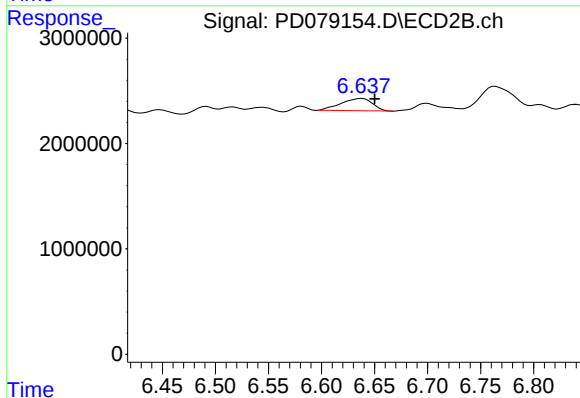
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.029 min
Response: 642850
Conc: 0.59 ng/ml

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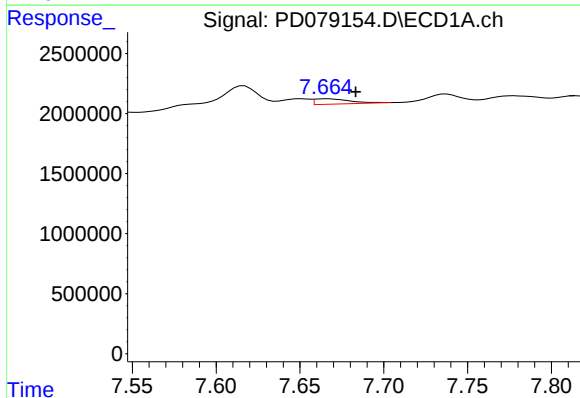
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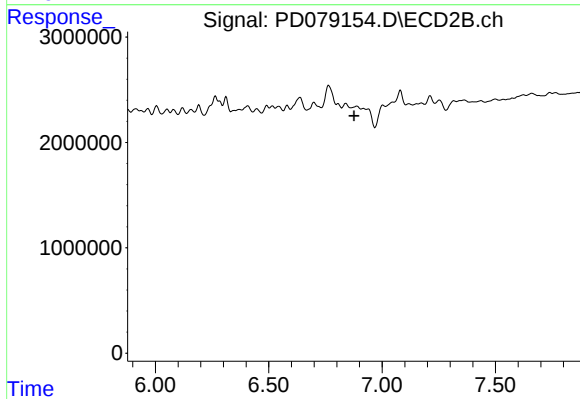
#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.012 min
Response: 2438914
Conc: 1.80 ng/ml



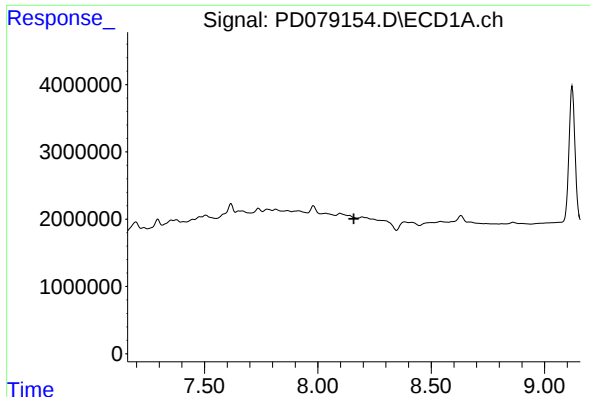
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.017 min
Response: 649369
Conc: 0.30 ng/ml



#21 Endrin ketone

R.T.: 6.889 min
Delta R.T.: 0.013 min
Response: -150635
Conc: N.D.



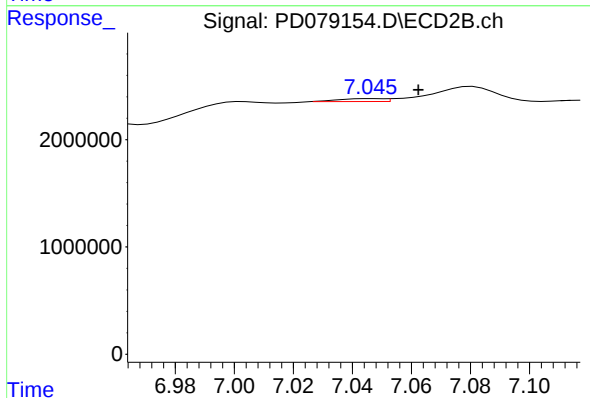
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

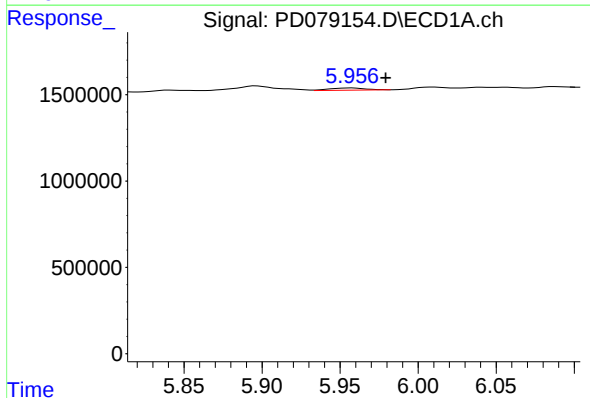
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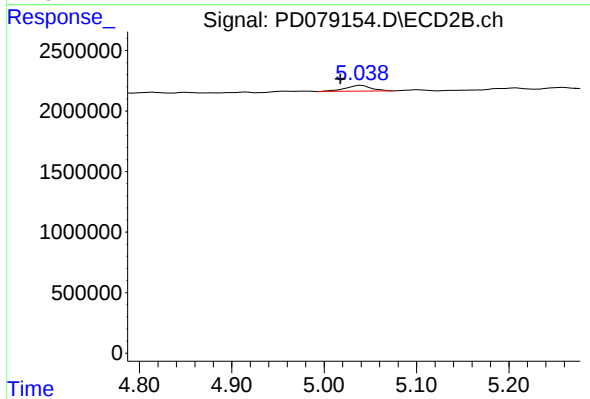
#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.015 min
Response: 290387
Conc: 0.14 ng/ml



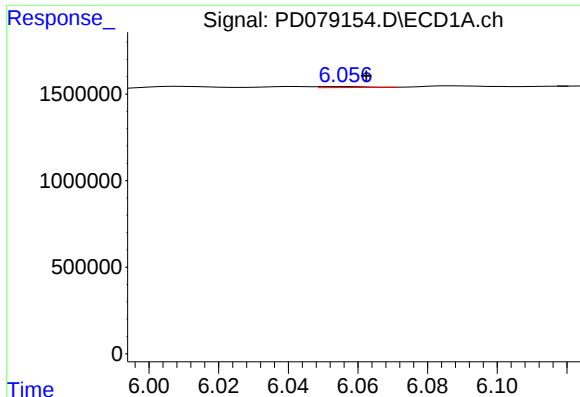
#25 Chlordane-3

R.T.: 5.957 min
Delta R.T.: -0.022 min
Response: 200670
Conc: 0.65 ng/ml



#25 Chlordane-3

R.T.: 5.040 min
Delta R.T.: 0.022 min
Response: 905321
Conc: 3.39 ng/ml



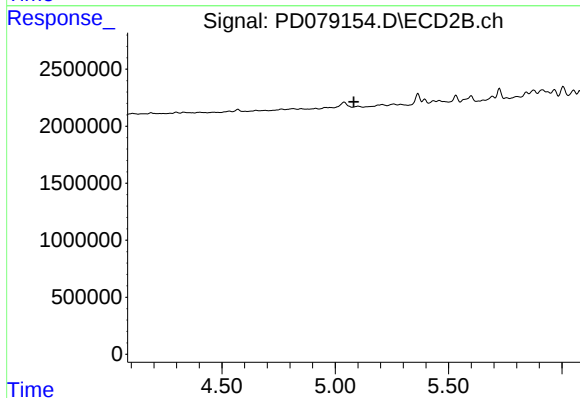
#26 Chlordane-4

R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 54313
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

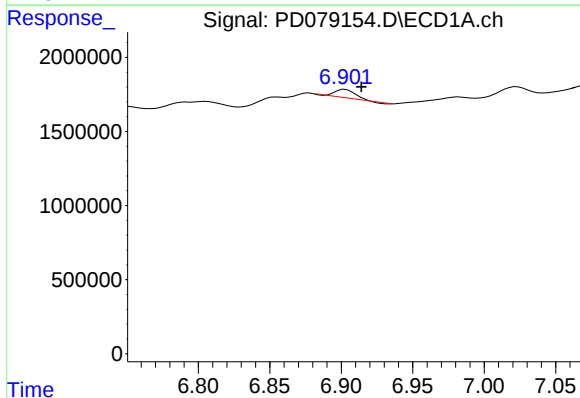
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



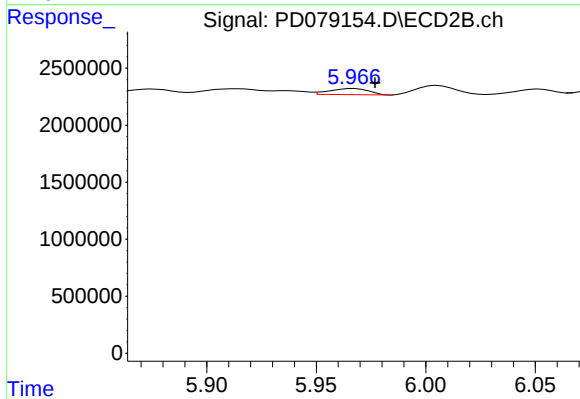
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.081 min
Response: 0
Conc: N.D.



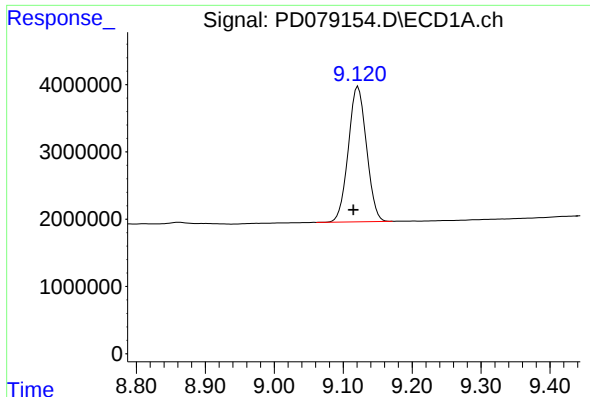
#27 Chlordane-5

R.T.: 6.903 min
Delta R.T.: -0.011 min
Response: 539599
Conc: 7.68 ng/ml



#27 Chlordane-5

R.T.: 5.967 min
Delta R.T.: -0.009 min
Response: 658550
Conc: 6.61 ng/ml



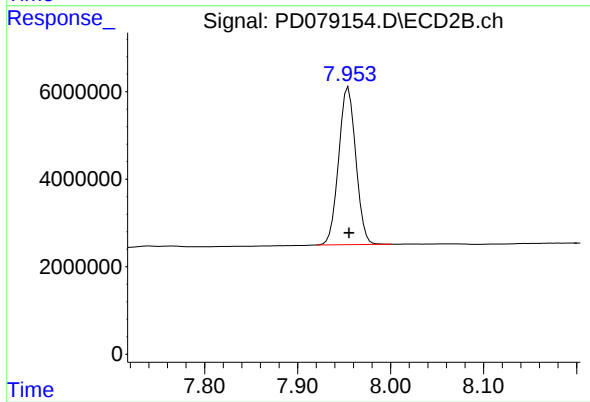
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.007 min
Response: 36783936
Conc: 18.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 46110202
Conc: 18.92 ng/ml