

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 13:29
 Operator : AR\AJ
 Sample : N1645-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 14:09:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.643	5.491	6160147	33238114	19.233	20.252
28)	SA Decachlor...	10.418	11.330	10055867	35188770	19.776	19.679
Target Compounds							
2)	A alpha-BHC	5.351	6.053	1033085	4965667	2.506	2.207
3)	MA gamma-BHC...	5.774	6.443	1160073	5117517	2.781	2.397
4)	MA Heptachlor	6.186	7.101	1210243	6073192	2.682	2.592
5)	MB Aldrin	6.512	7.469	1119712	5549359	2.710	2.649
6)	B beta-BHC	6.154	6.678	522812	3724213	2.539m	3.573 #
7)	B delta-BHC	6.416	6.946	997500	6490728	2.484	3.014
8)	B Heptachlo...	7.089	7.925	1210346	5483436	2.808	2.745
9)	A Endosulfan I	7.492	8.326	1149921	4865426	2.803	2.665
10)	B gamma-Chl...	7.366	8.192	1300848	6073425	2.975	2.974m
11)	B alpha-Chl...	7.436	8.276	1260717	5631880	2.853	2.816
12)	B 4,4'-DDE	7.650	8.460	896371	4494224	2.498	2.507
13)	MA Dieldrin	7.778	8.610	1152625	4896769	2.767	2.654
14)	MA Endrin	8.069	8.845	1183815	4160973	3.051	2.703
15)	B Endosulfa...	8.380	9.069	1239206	4146989	3.170	2.700
16)	A 4,4'-DDD	8.235	8.986	802905	4169708	2.472	2.857m
17)	MA 4,4'-DDT	8.497	9.306	956919	4325983	2.530	2.647
18)	B Endrin al...	8.568	9.200	1060451	3742007	3.353	3.051m
19)	B Endosulfa...	8.800	9.439	1257036	4422818	2.976	2.806
20)	A Methoxychlor	9.093	9.786	731361	2455149	2.851	2.725
21)	B Endrin ke...	9.318	9.927	1275697	3944736	2.608	2.390
22)	Mirex	9.507	10.404	1512701	3931137	3.208	2.894

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

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 Data File : PL073414.D
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 Acq On : 16 Mar 2022 13:29
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 ALS Vial : 10 Sample Multiplier: 1

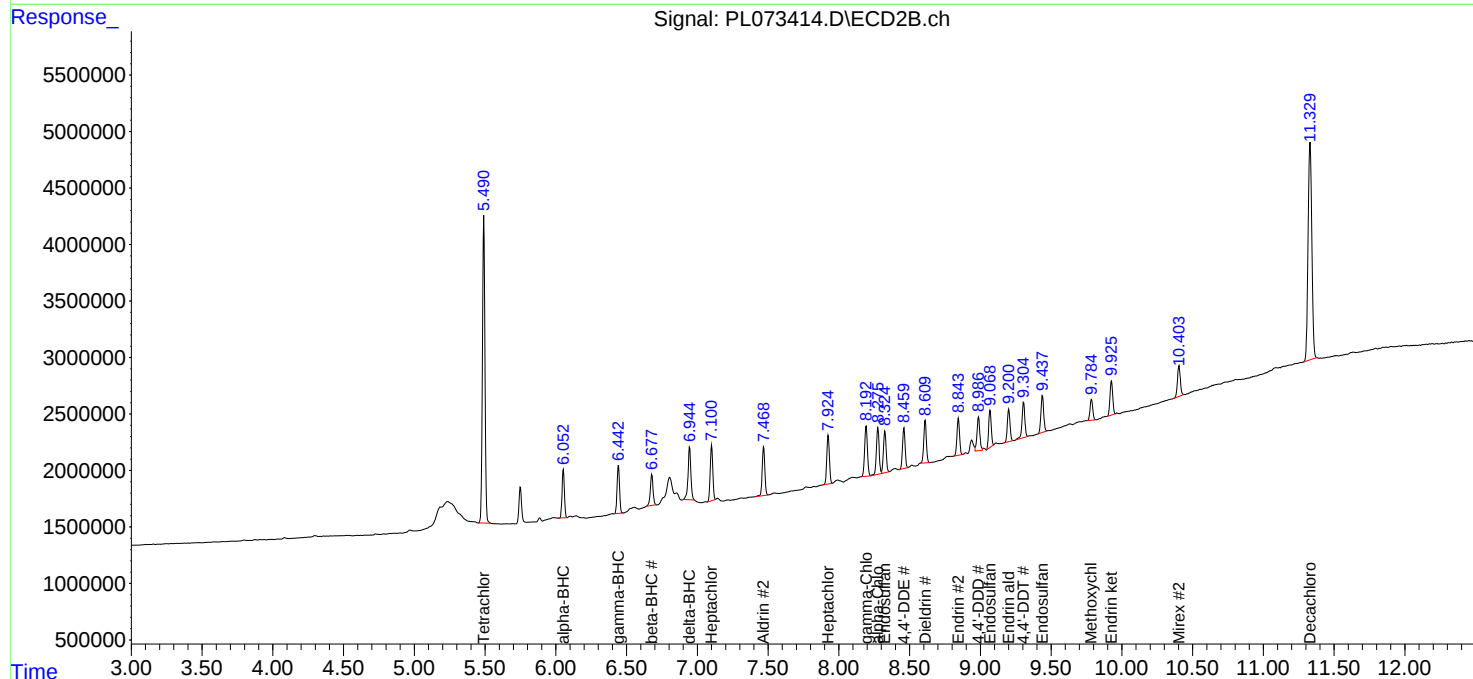
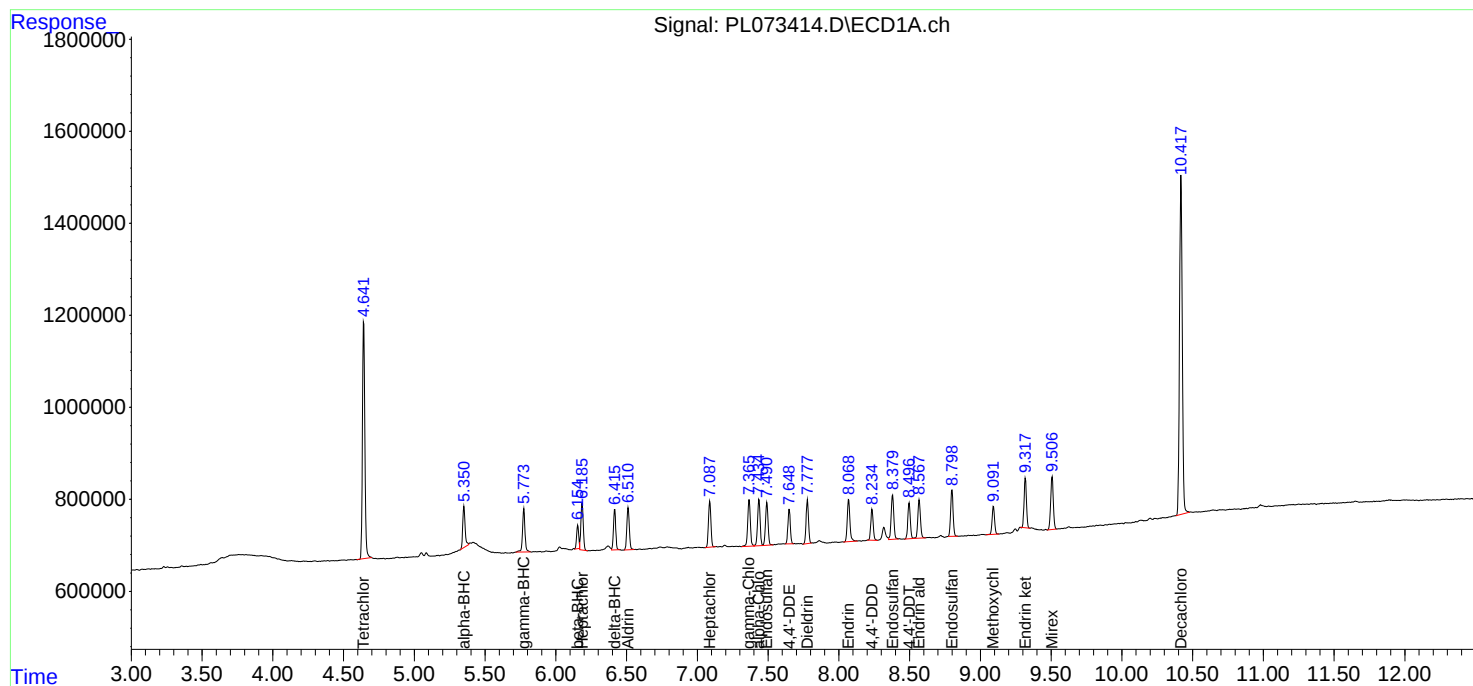
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

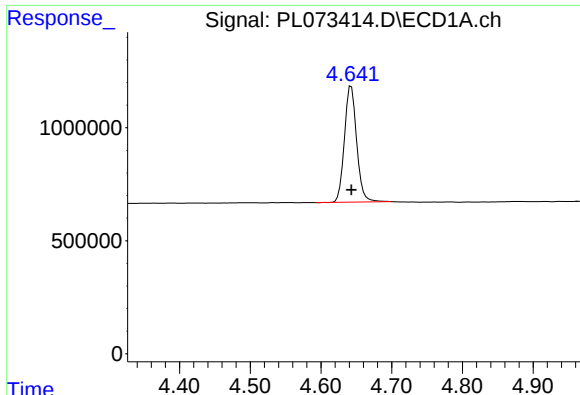
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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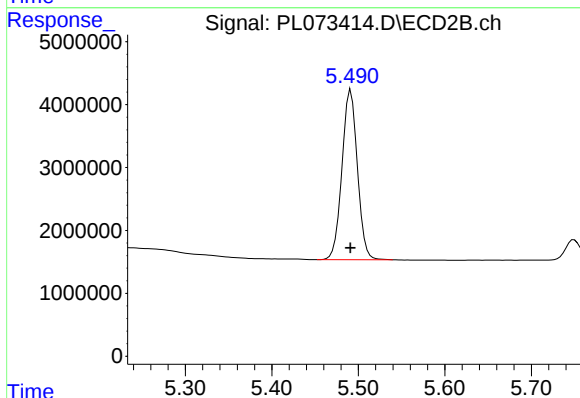
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 6160147
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

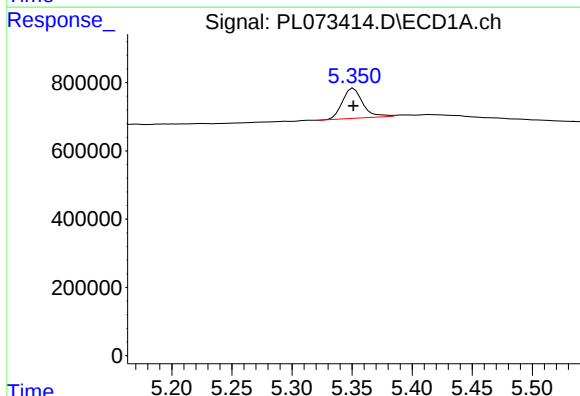
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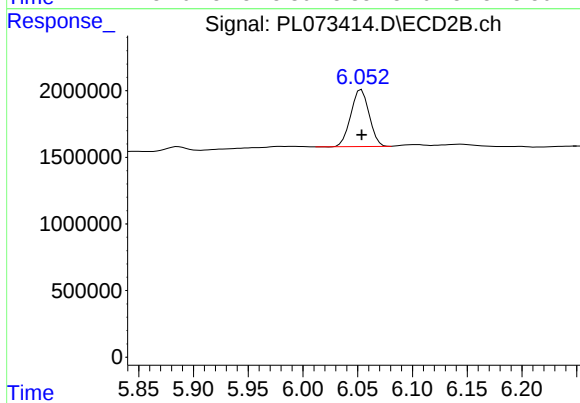
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33238114
Conc: 20.25 ng/ml



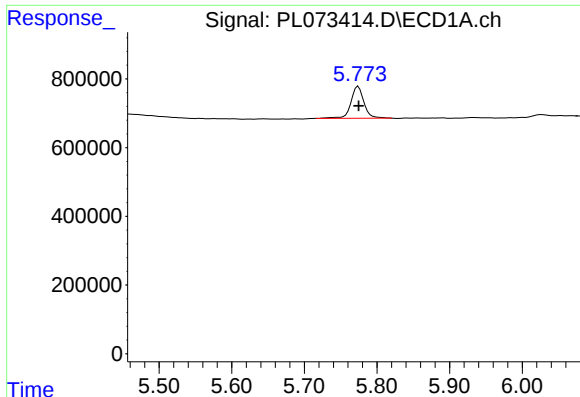
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 1033085
Conc: 2.51 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 4965667
Conc: 2.21 ng/ml



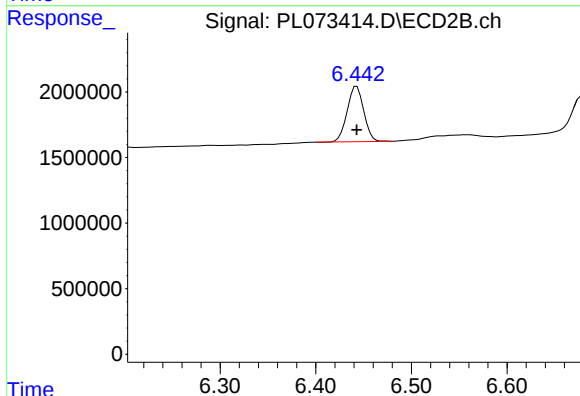
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1160073
Conc: 2.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

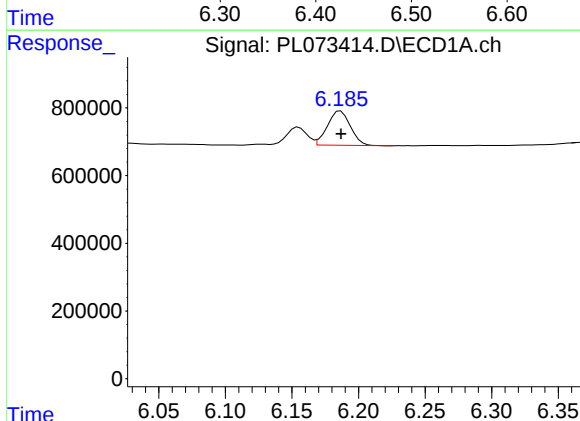
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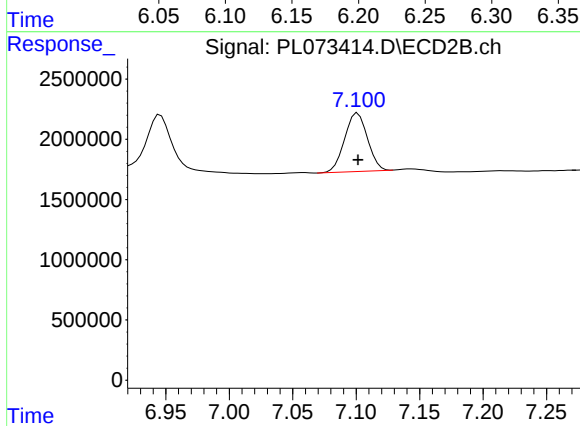
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 5117517
Conc: 2.40 ng/ml



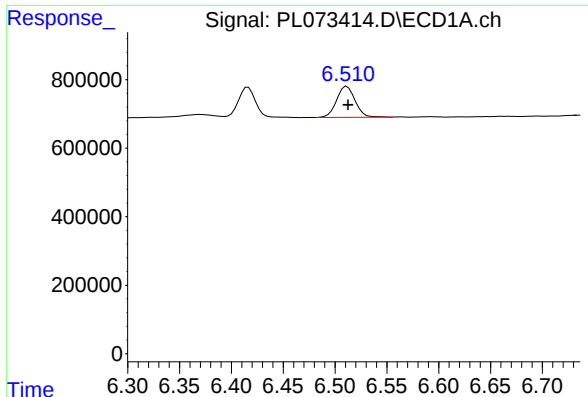
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 1210243
Conc: 2.68 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 6073192
Conc: 2.59 ng/ml



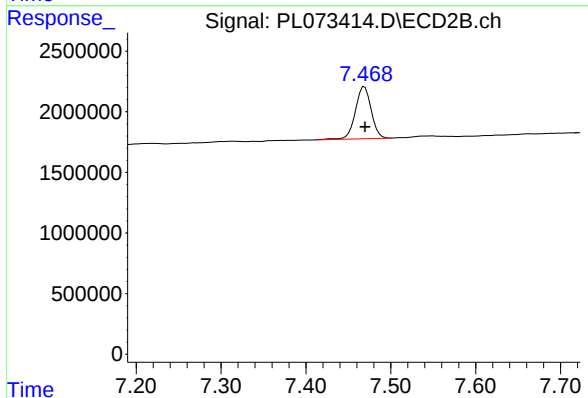
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 1119712
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

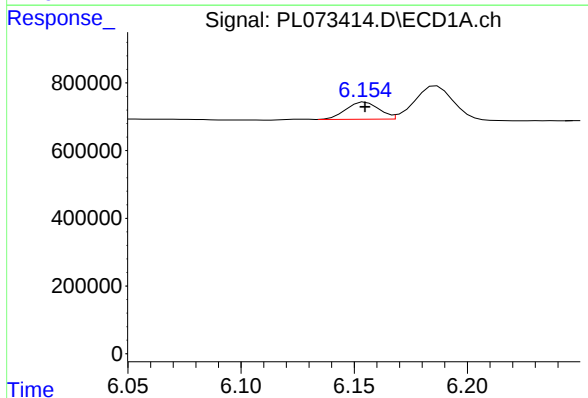
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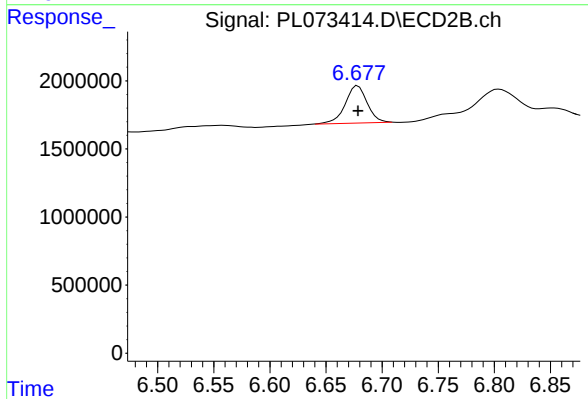
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 5549359
Conc: 2.65 ng/ml



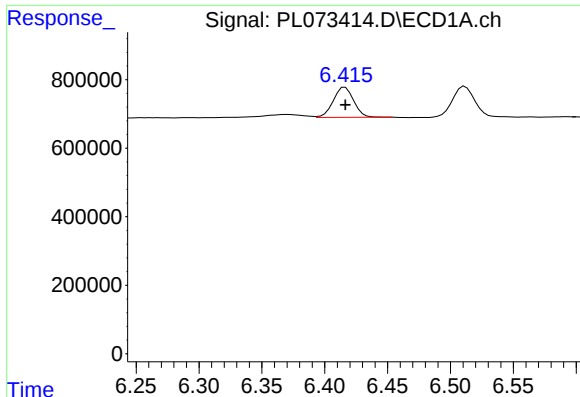
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 522812
Conc: 2.54 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3724213
Conc: 3.57 ng/ml



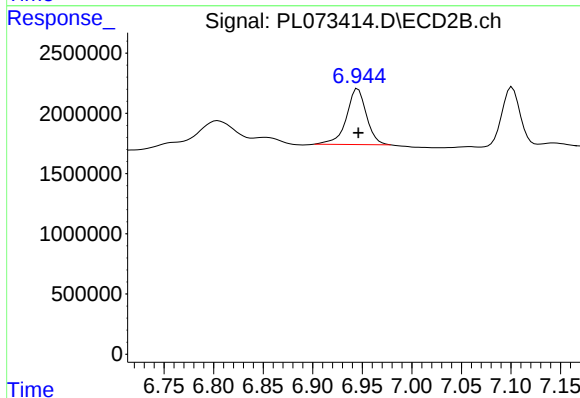
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 997500
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

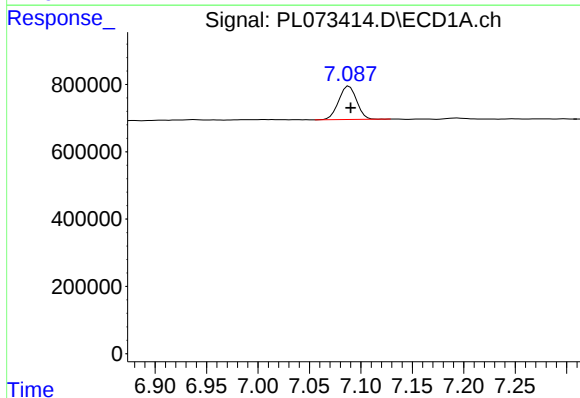
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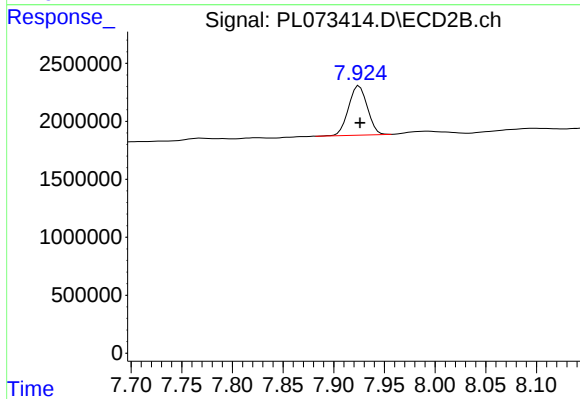
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 6490728
Conc: 3.01 ng/ml



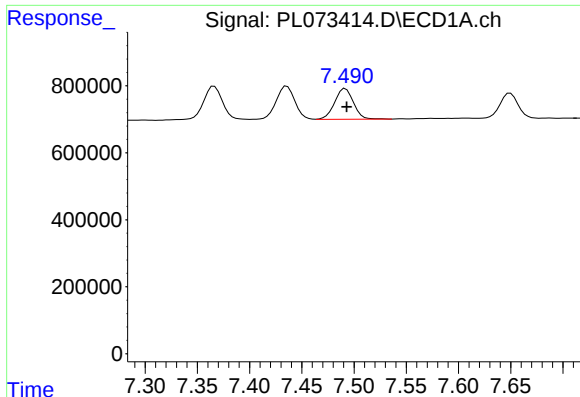
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 1210346
Conc: 2.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 5483436
Conc: 2.75 ng/ml



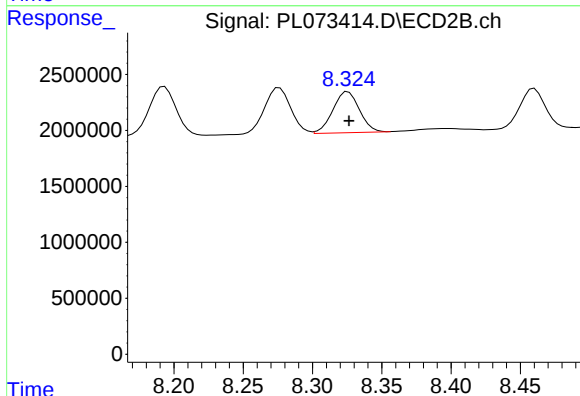
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 1149921
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

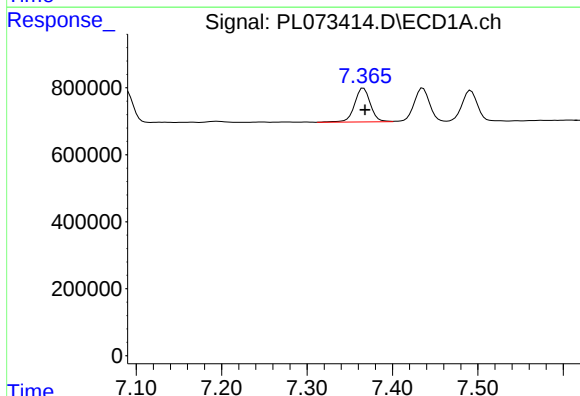
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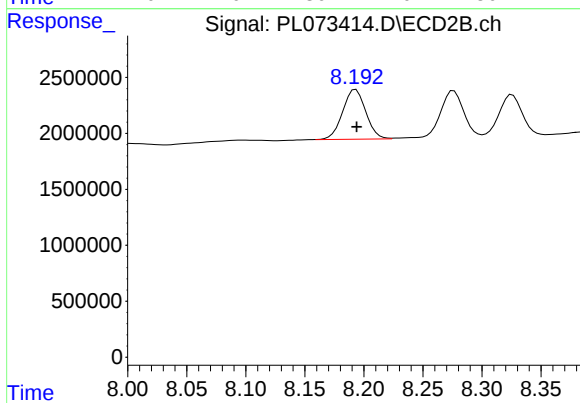
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 4865426
Conc: 2.67 ng/ml



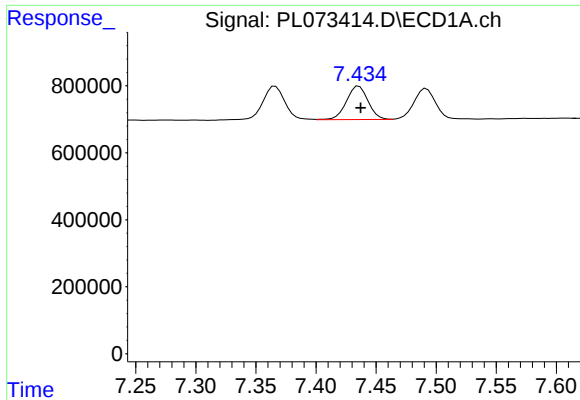
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 1300848
Conc: 2.97 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.002 min
Response: 6073425
Conc: 2.97 ng/ml m



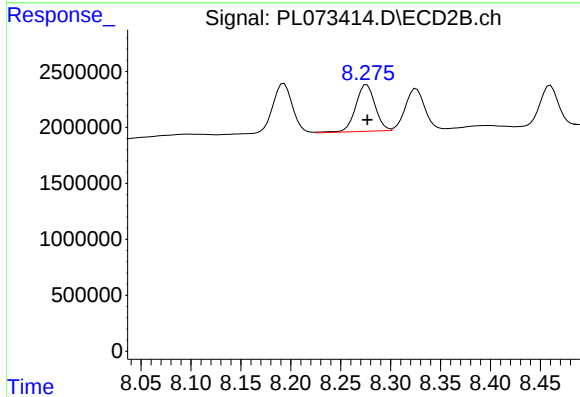
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 1260717
Conc: 2.85 ng/ml

Instrument :
ECD_L
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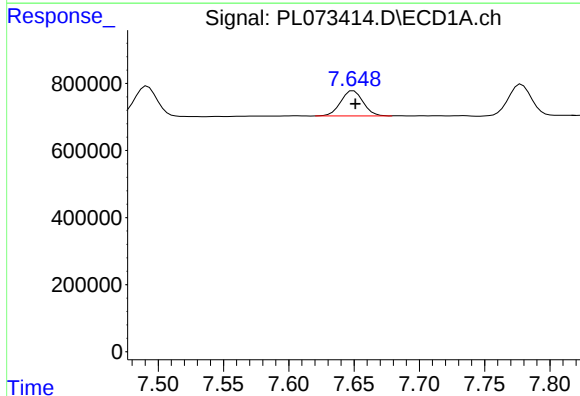
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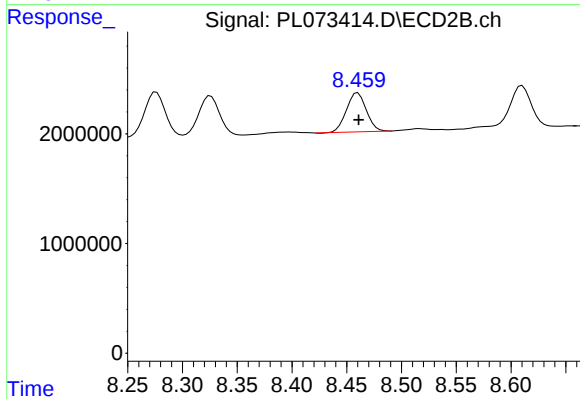
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 5631880
Conc: 2.82 ng/ml



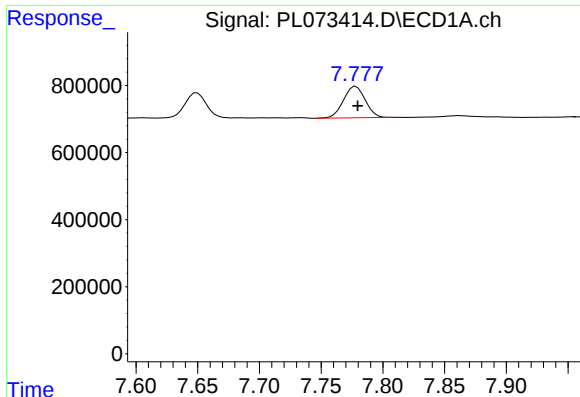
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 896371
Conc: 2.50 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 4494224
Conc: 2.51 ng/ml



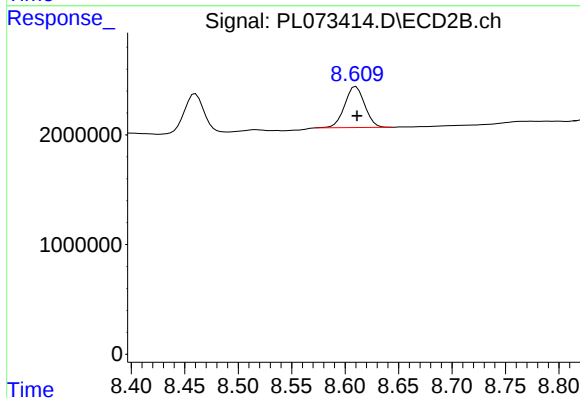
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.001 min
Response: 1152625
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

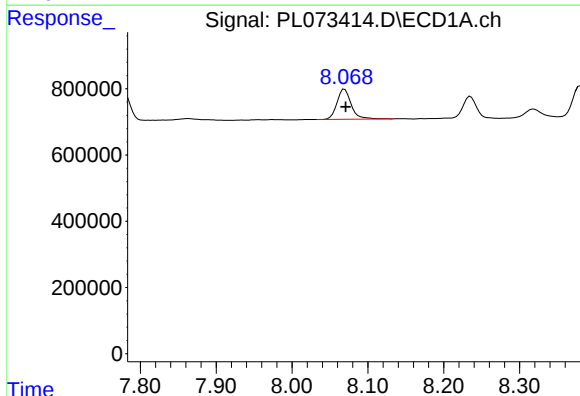
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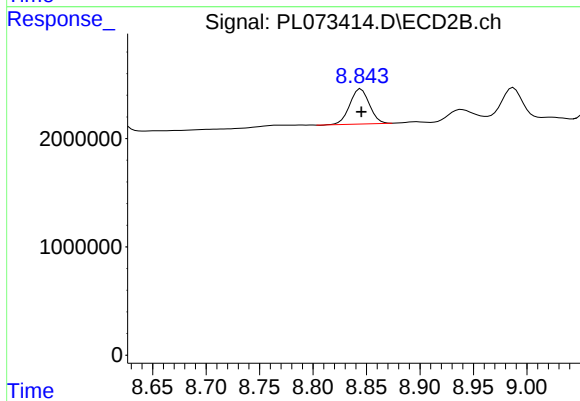
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 4896769
Conc: 2.65 ng/ml



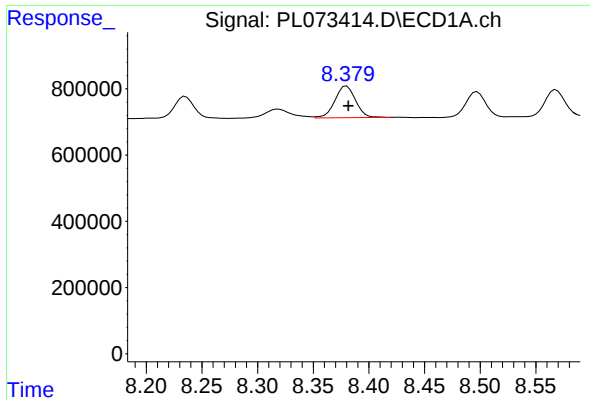
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 1183815
Conc: 3.05 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 4160973
Conc: 2.70 ng/ml



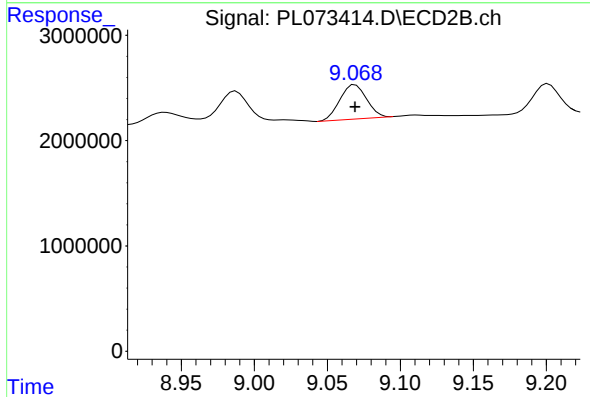
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 1239206
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

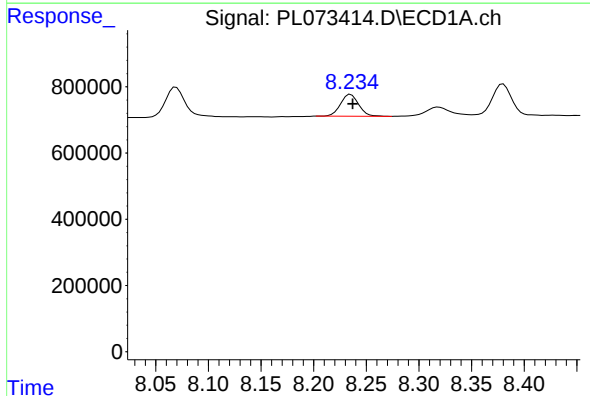
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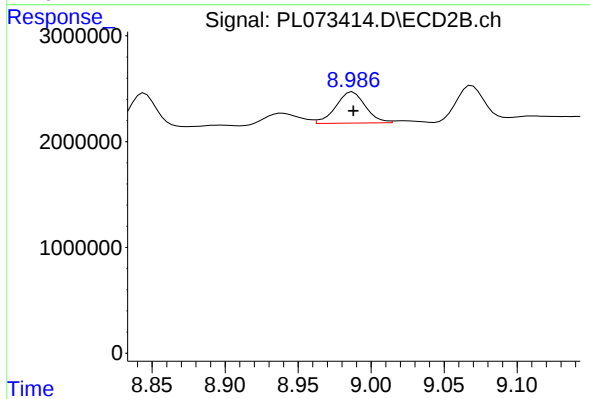
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 4146989
Conc: 2.70 ng/ml



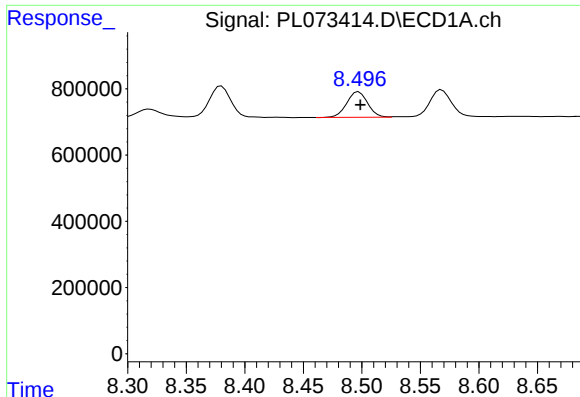
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 802905
Conc: 2.47 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 4169708
Conc: 2.86 ng/ml m



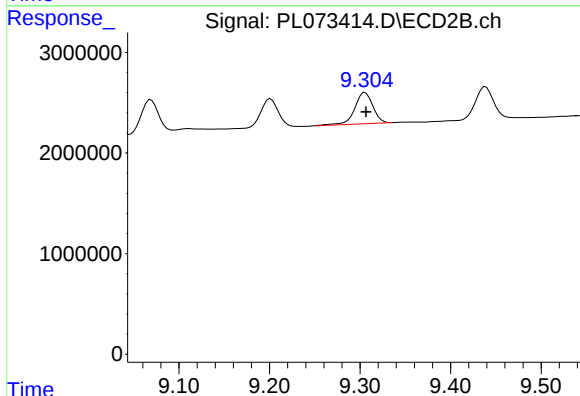
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 956919
Conc: 2.53 ng/ml

Instrument :
ECD_L
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LOD-MDL-SOIL-01-QT1-2022

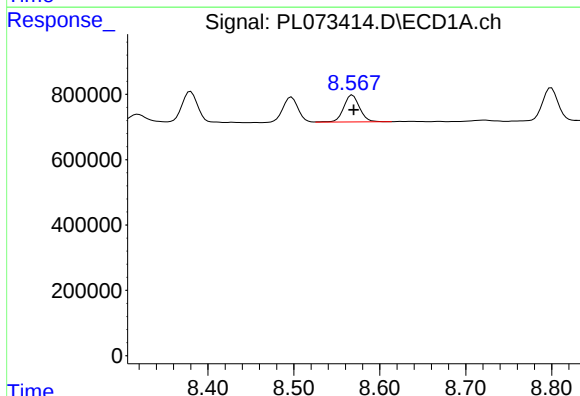
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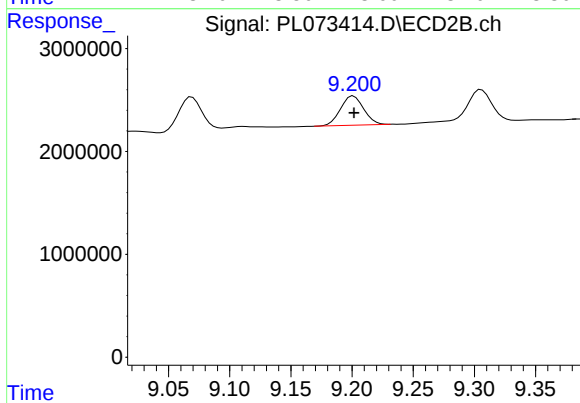
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 4325983
Conc: 2.65 ng/ml



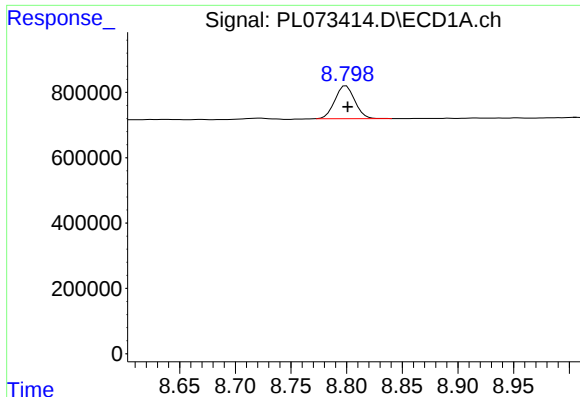
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 1060451
Conc: 3.35 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 3742007
Conc: 3.05 ng/ml m



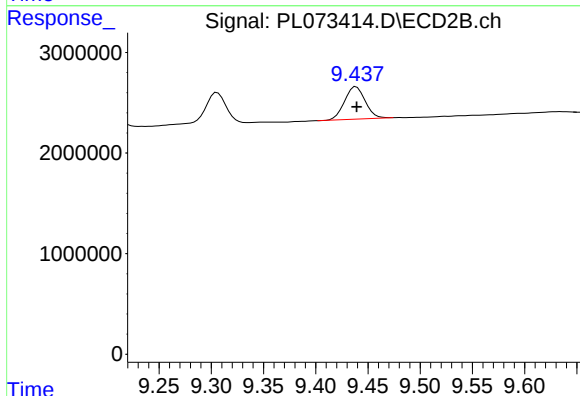
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 1257036
Conc: 2.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

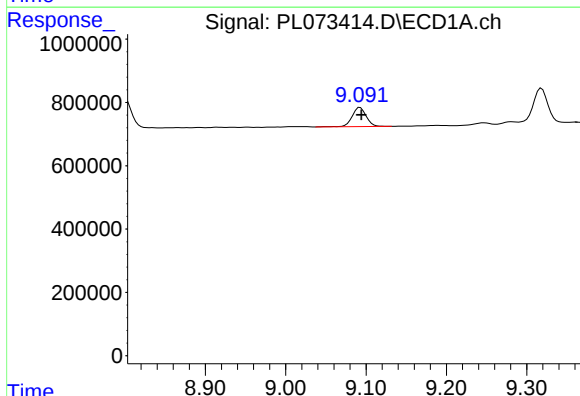
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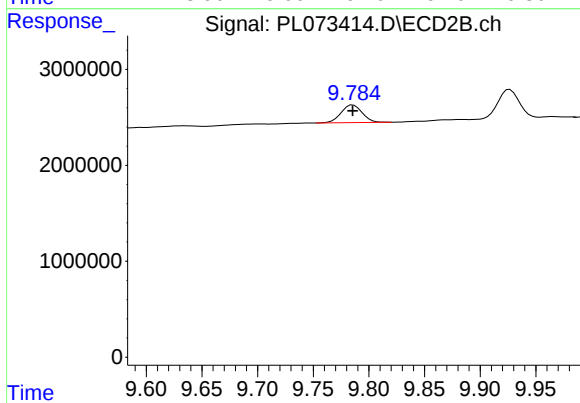
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 4422818
Conc: 2.81 ng/ml



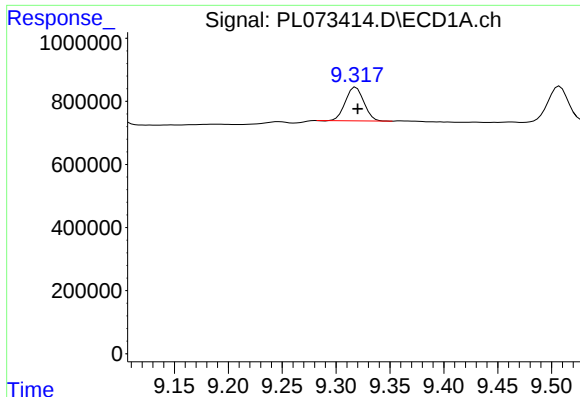
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 731361
Conc: 2.85 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 2455149
Conc: 2.72 ng/ml



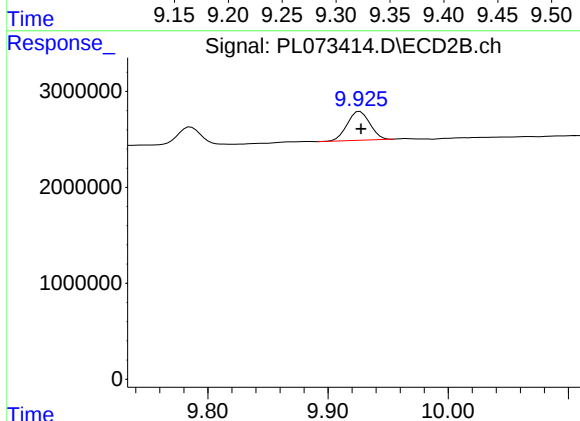
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 1275697
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

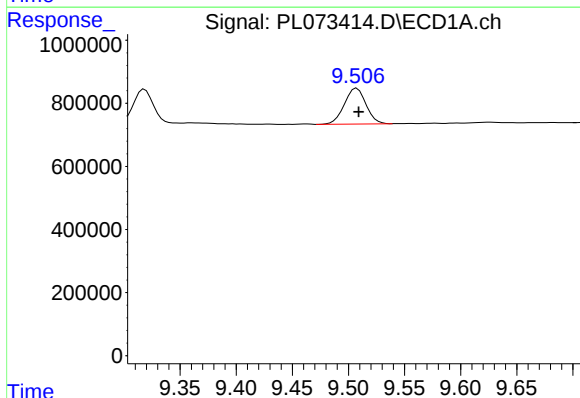
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



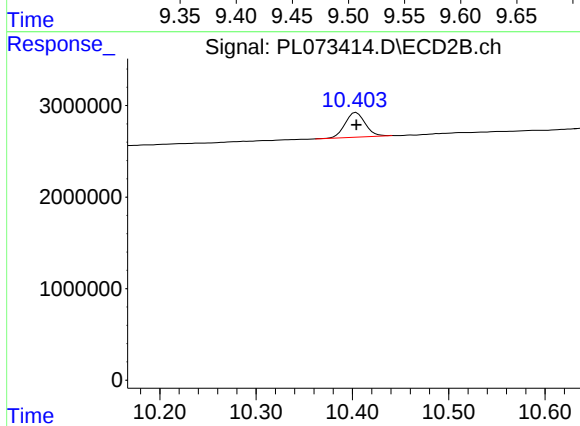
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 3944736
Conc: 2.39 ng/ml



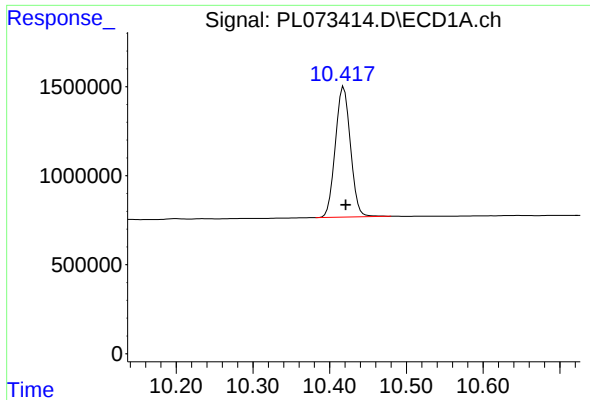
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 1512701
Conc: 3.21 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 3931137
Conc: 2.89 ng/ml



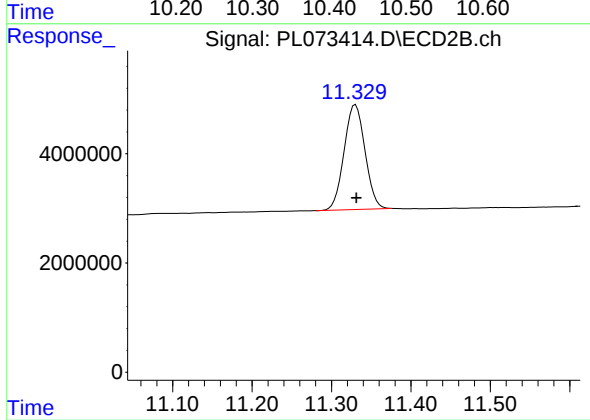
#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 10055867
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 35188770
Conc: 19.68 ng/ml