

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 16:46
 Operator : AR\AJ
 Sample : P1187-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:31:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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...	3.419	2.673	62880149	26861653	21.004	22.175
28)	SA Decachlor...	8.974	7.859	66651966	31288086	23.403	24.698
Target Compounds							
2)	A alpha-BHC	3.875	3.176	17854647	7044983	3.979	3.822
3)	MA gamma-BHC...	4.208	3.507	17561610	7320407	4.026	4.028
4)	MA Heptachlor	4.801	3.847	19786490	7611159	4.503	4.274m
5)	MB Aldrin	5.144	4.129	17806685	6913011	4.155	3.917
6)	B beta-BHC	4.409	3.808	9150748	3571227	4.918	4.669m
7)	B delta-BHC	4.654	4.036	16877605	6317408	4.011m	3.639m
8)	B Heptachlo...	5.573	4.635	17453811	6948772	4.556m	4.360m
9)	A Endosulfan I	5.961	5.007	16912298	6542872	4.690	4.230
10)	B gamma-Chl...	5.831	4.889	18128517	7309638	4.690m	4.529
11)	B alpha-Chl...	5.913	4.953	18438465	7389335	4.798	4.452
12)	B 4,4'-DDE	6.094	5.152	13942147	5488804	4.361	4.081
13)	MA Dieldrin	6.239	5.274	16965963	6740774	4.555	4.242
14)	MA Endrin	6.469	5.549	13903530	6057795	4.427	4.272
15)	B Endosulfa...	6.690	5.846	15397671	6513795	4.801	4.758m
16)	A 4,4'-DDD	6.613	5.710	12402360	4692072	4.810m	4.161
17)	MA 4,4'-DDT	6.931	5.962	13622489	5175715	4.764	4.159
18)	B Endrin al...	6.822	6.029	12295094	5152182	4.888	4.433
19)	B Endosulfa...	7.059	6.254	15371558	6357111	5.026	4.843
20)	A Methoxychlor	7.417	6.548	7870420	3389050	4.848	4.604
21)	B Endrin ke...	7.544	6.761	15878116	7127407	4.882	4.649
22)	Mirex	8.022	6.941	15599987	7161507	5.564	5.339

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 16:46
Operator : AR\AJ
Sample : P1187-02
Misc : PEST LOQ 5PPB
ALS Vial : 17 Sample Multiplier: 1

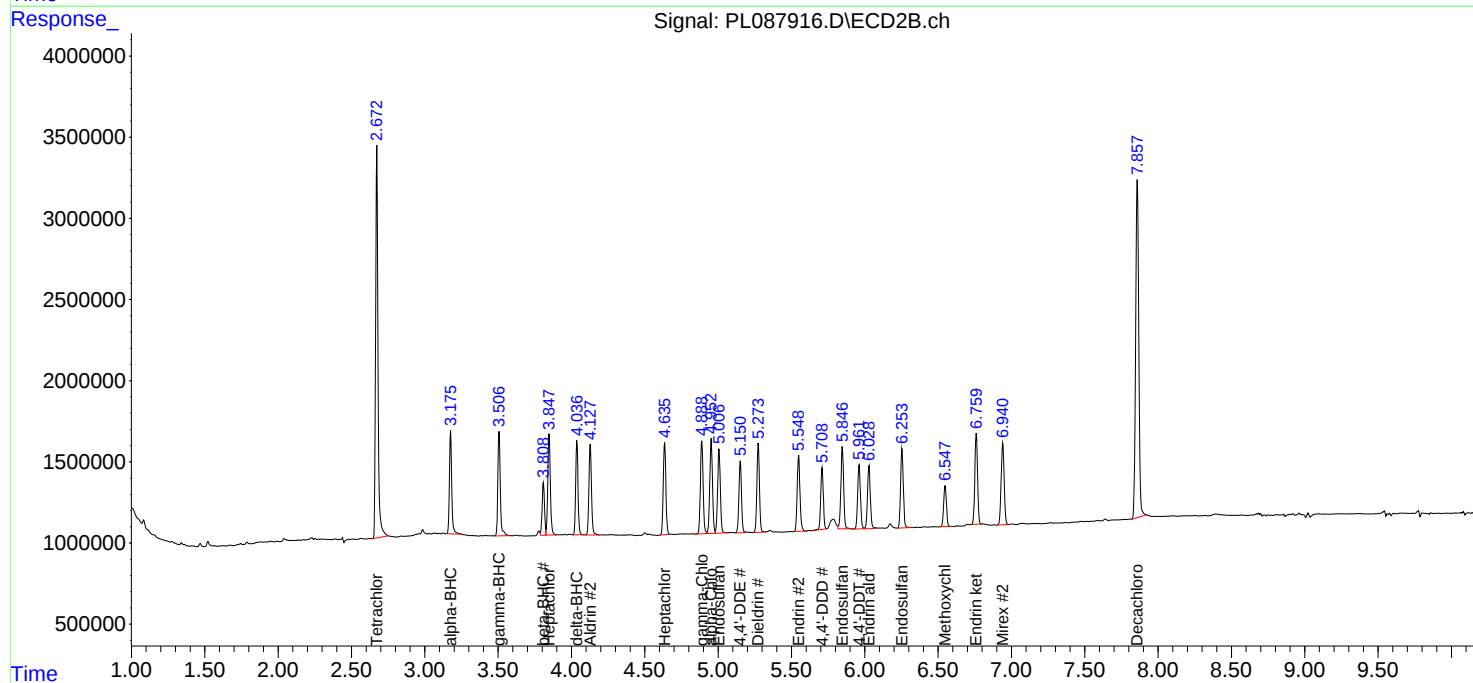
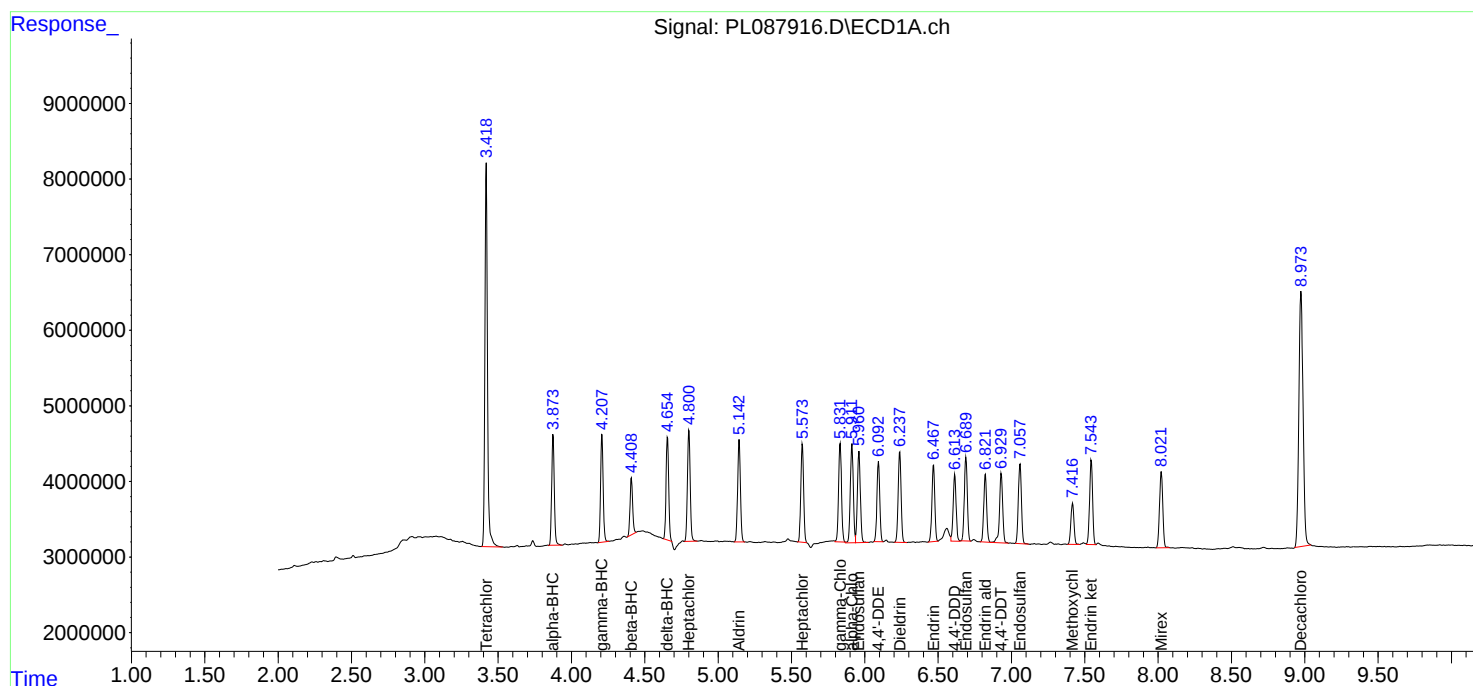
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

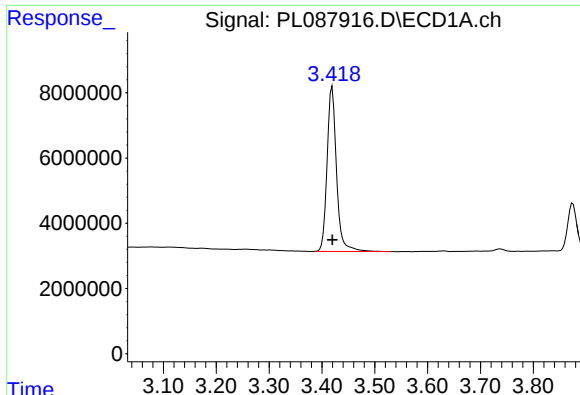
Manual Integrations
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Reviewed By : Abdul Mirza 01/24/2024
Supervised By : Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:31:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
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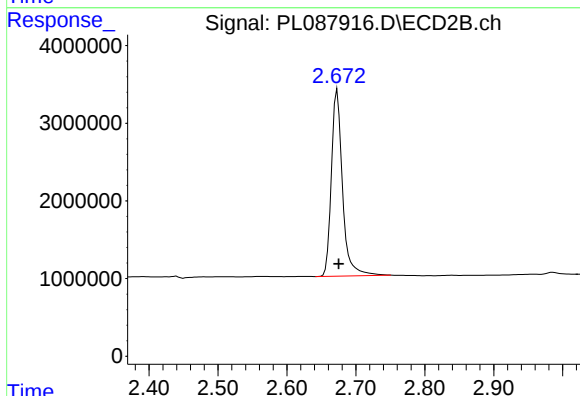
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 62880149
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

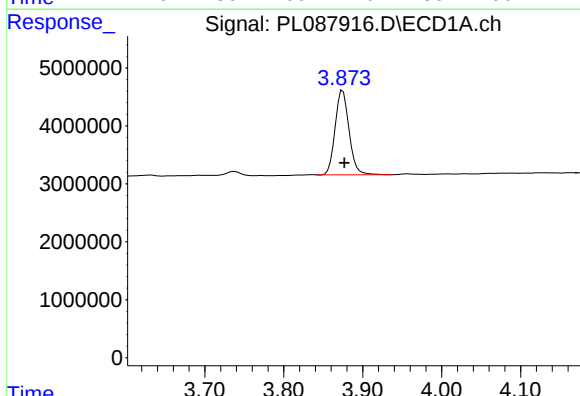
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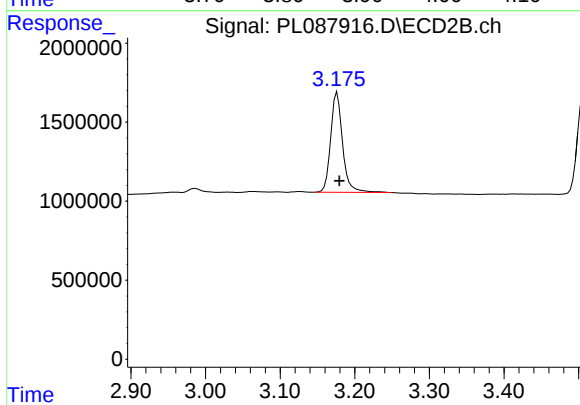
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 26861653
Conc: 22.18 ng/ml



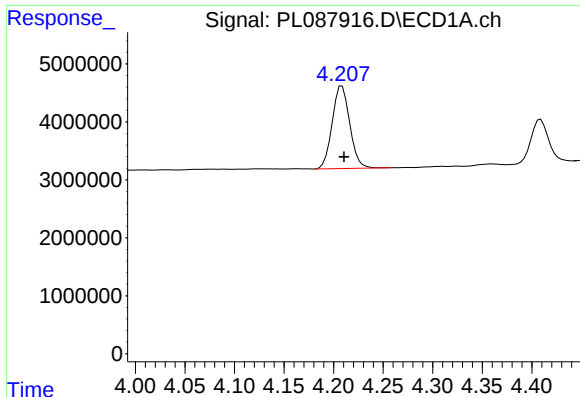
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 17854647
Conc: 3.98 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 7044983
Conc: 3.82 ng/ml



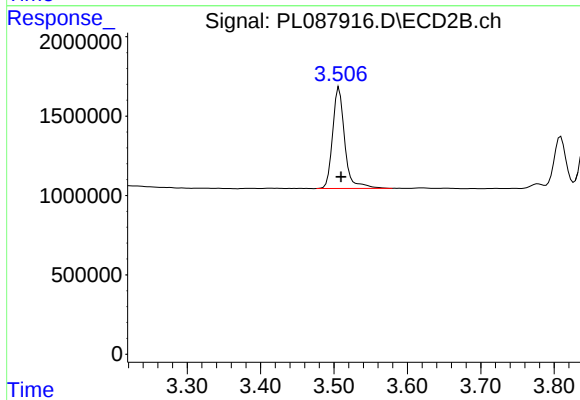
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 17561610
Conc: 4.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

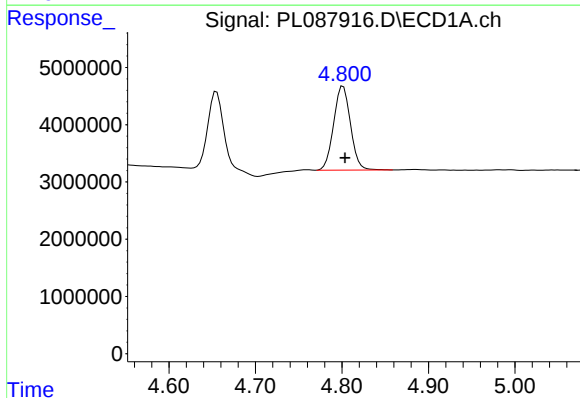
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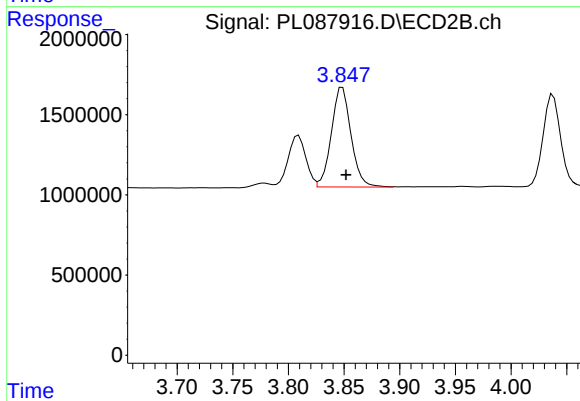
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 7320407
Conc: 4.03 ng/ml



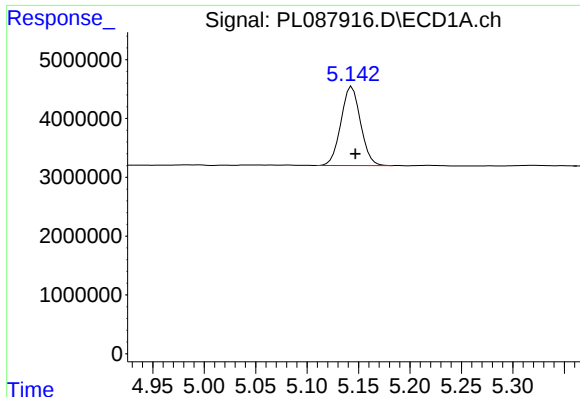
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 19786490
Conc: 4.50 ng/ml



#4 Heptachlor

R.T.: 3.847 min
Delta R.T.: -0.005 min
Response: 7611159
Conc: 4.27 ng/ml m



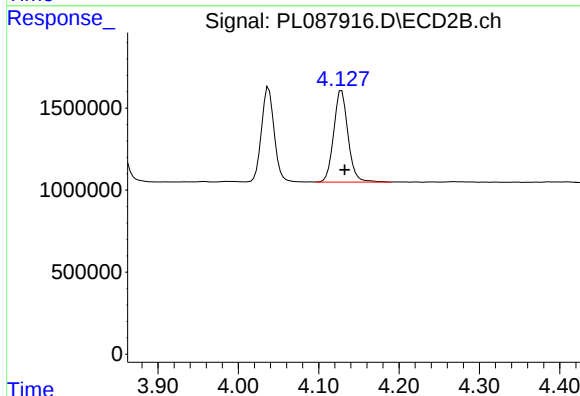
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 17806685
Conc: 4.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

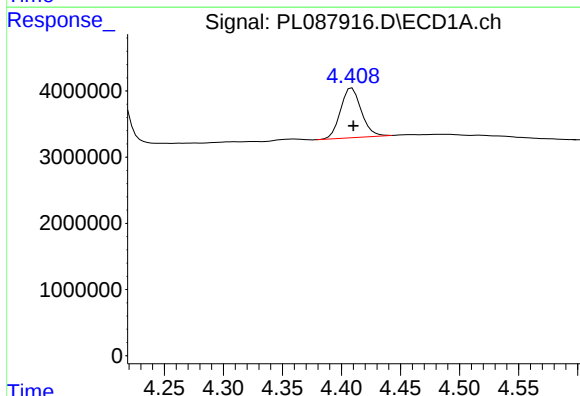
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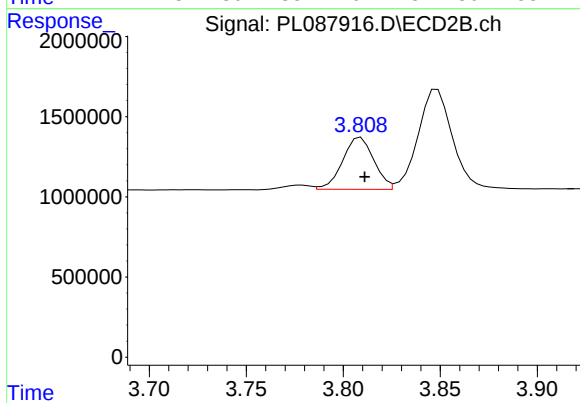
#5 Aldrin

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 6913011
Conc: 3.92 ng/ml



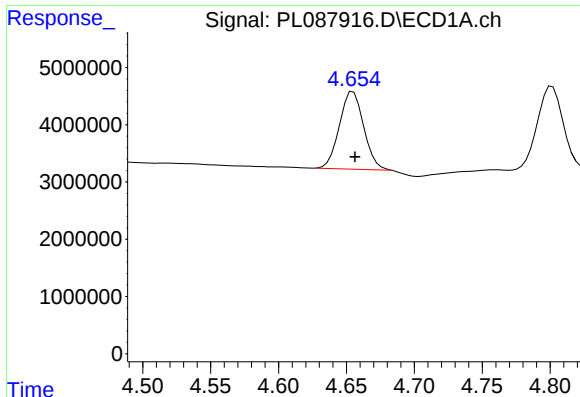
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 9150748
Conc: 4.92 ng/ml



#6 beta-BHC

R.T.: 3.808 min
Delta R.T.: -0.003 min
Response: 3571227
Conc: 4.67 ng/ml m



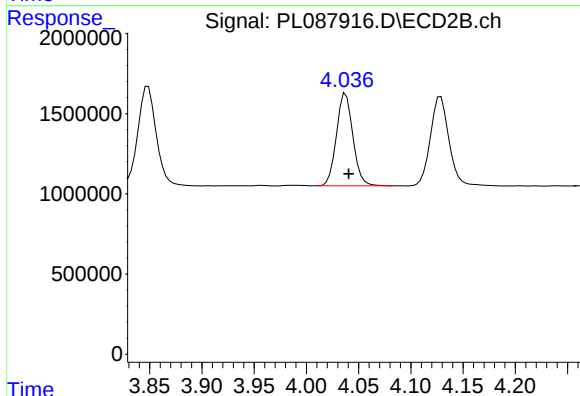
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 16877605
Conc: 4.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

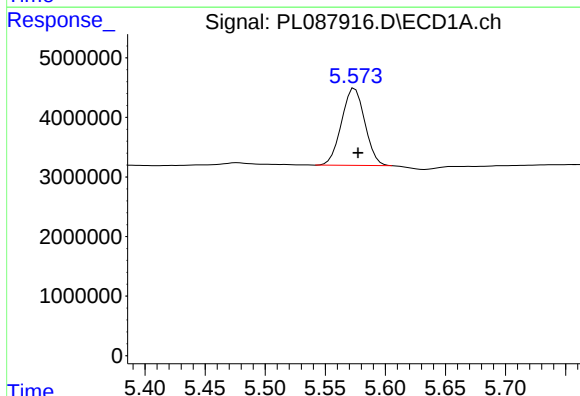
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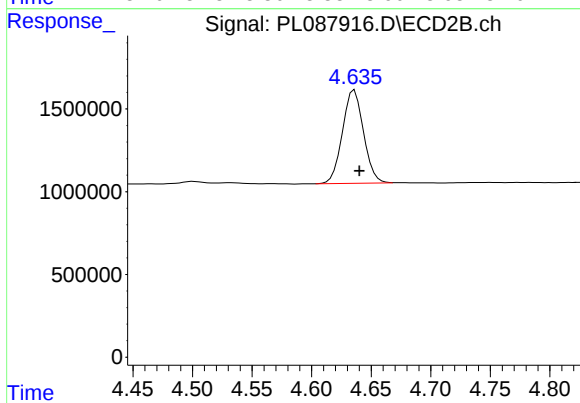
#7 delta-BHC

R.T.: 4.036 min
Delta R.T.: -0.004 min
Response: 6317408
Conc: 3.64 ng/ml m



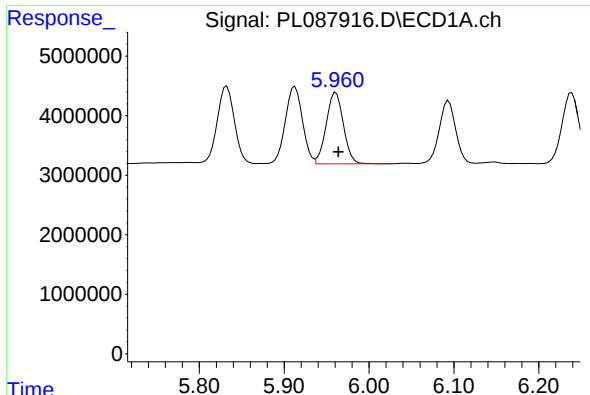
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 17453811
Conc: 4.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 6948772
Conc: 4.36 ng/ml m



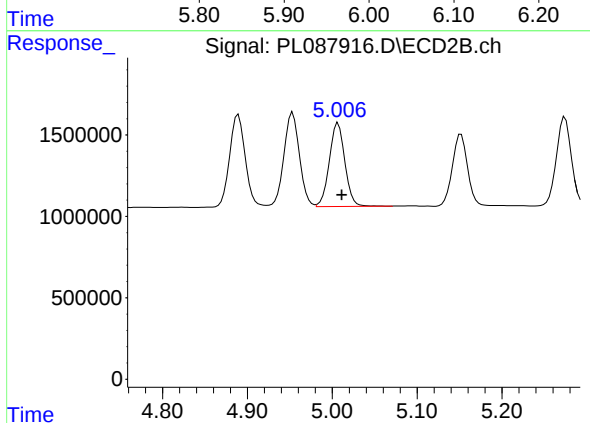
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 16912298
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

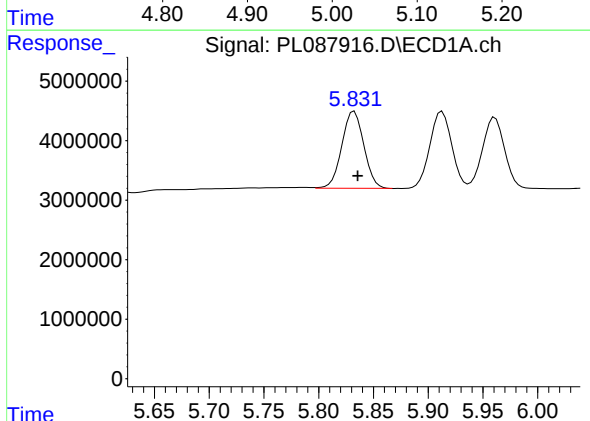
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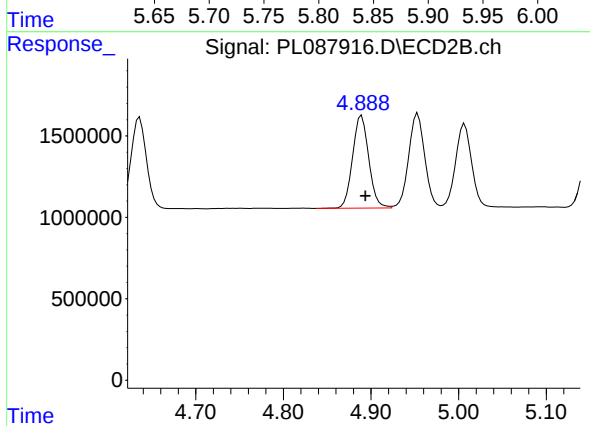
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 6542872
Conc: 4.23 ng/ml



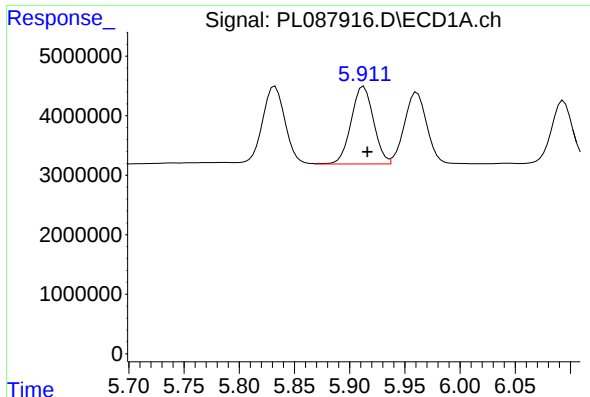
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.005 min
Response: 18128517
Conc: 4.69 ng/ml m



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.004 min
Response: 7309638
Conc: 4.53 ng/ml



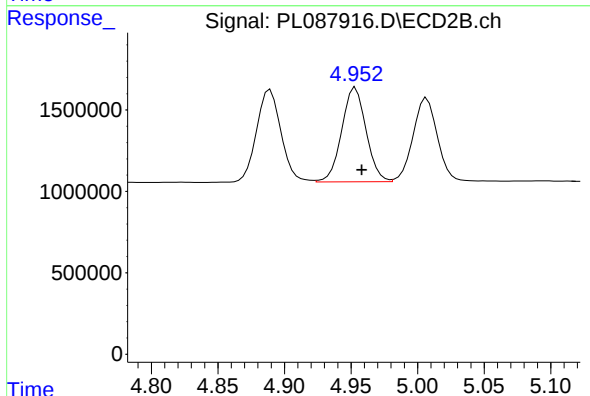
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 18438465
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

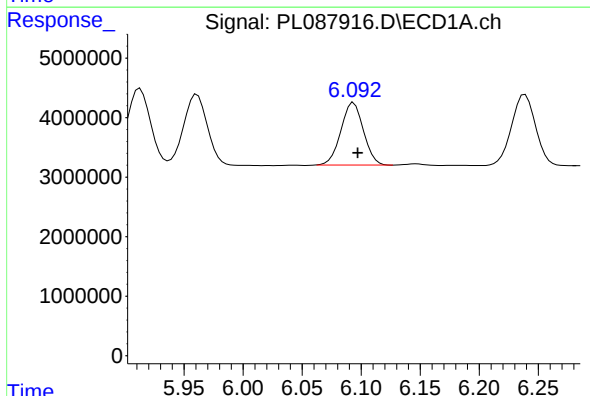
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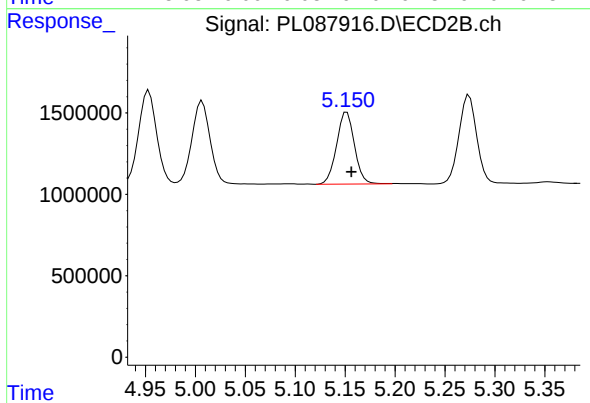
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 7389335
Conc: 4.45 ng/ml



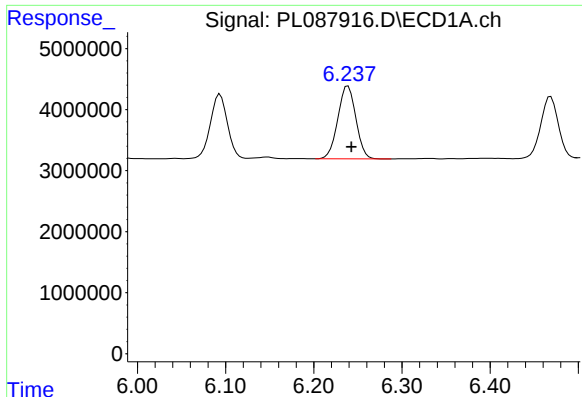
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 13942147
Conc: 4.36 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 5488804
Conc: 4.08 ng/ml



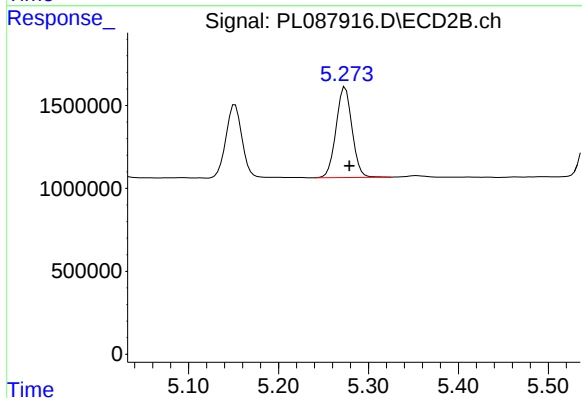
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 16965963
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

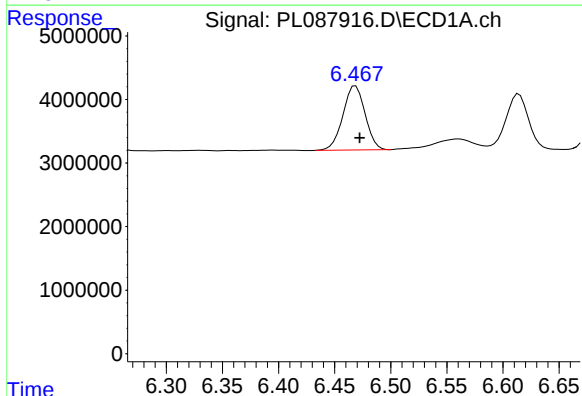
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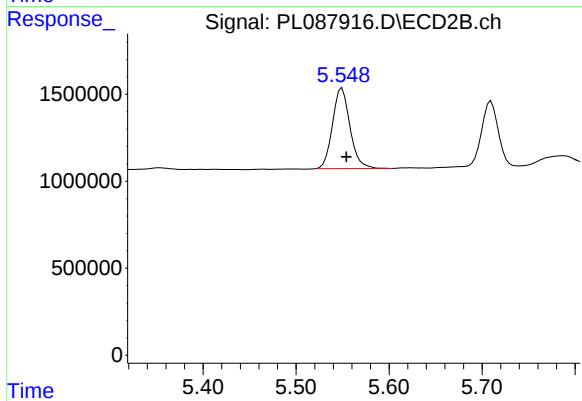
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 6740774
Conc: 4.24 ng/ml



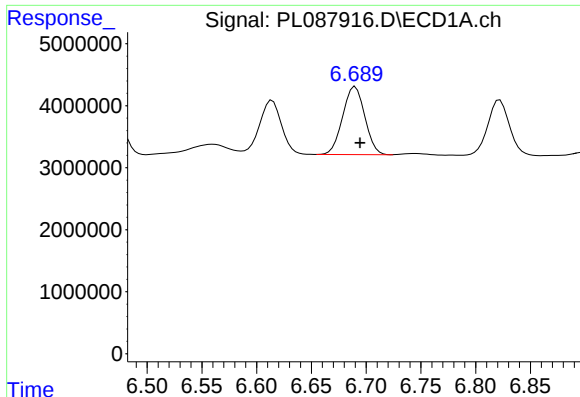
#14 Endrin

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 13903530
Conc: 4.43 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 6057795
Conc: 4.27 ng/ml



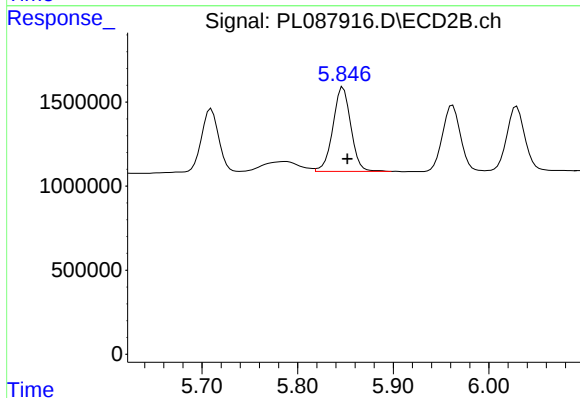
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 15397671
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

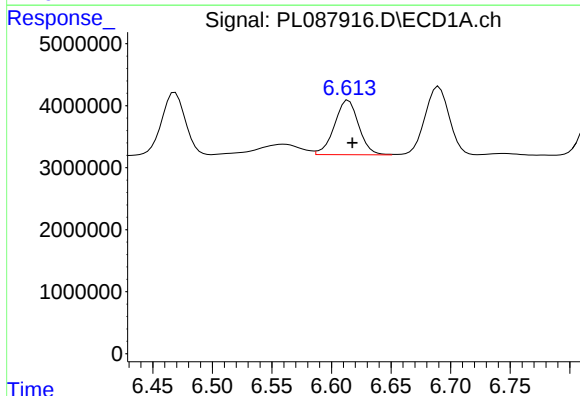
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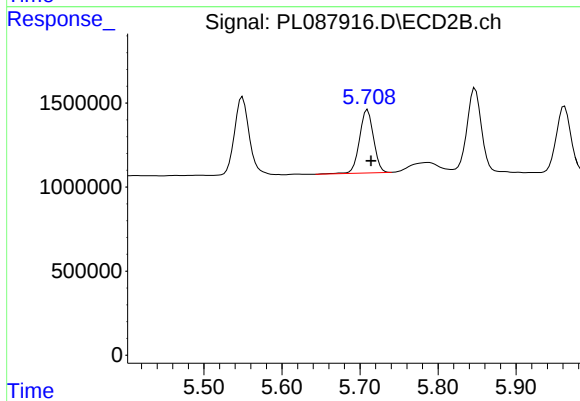
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 6513795
Conc: 4.76 ng/ml m



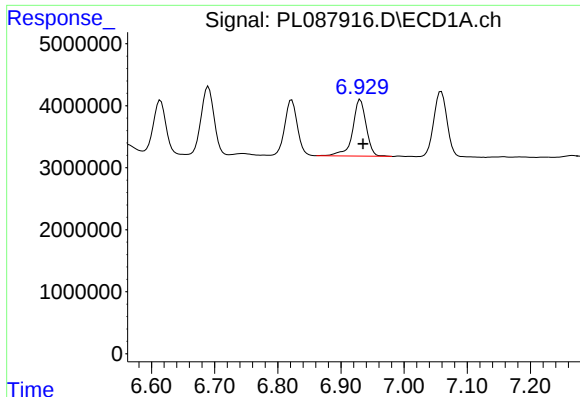
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 12402360
Conc: 4.81 ng/ml m



#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 4692072
Conc: 4.16 ng/ml



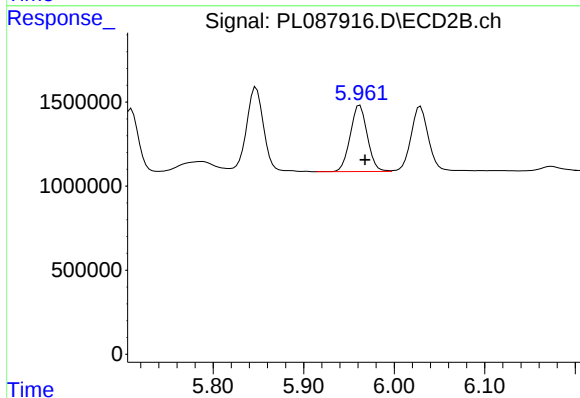
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 13622489
Conc: 4.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

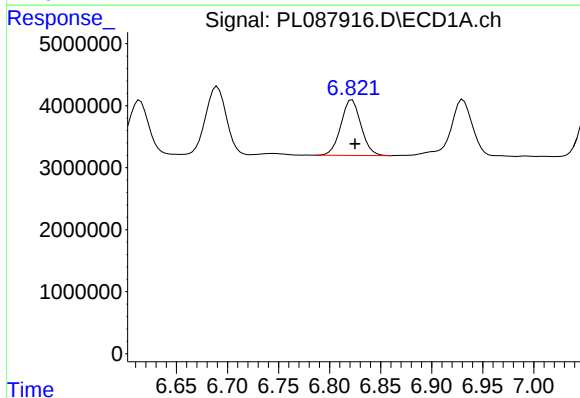
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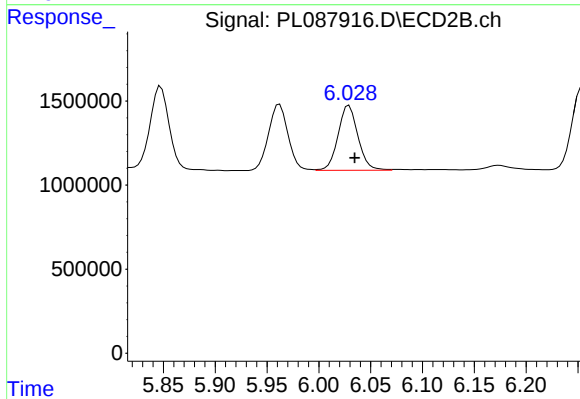
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 5175715
Conc: 4.16 ng/ml



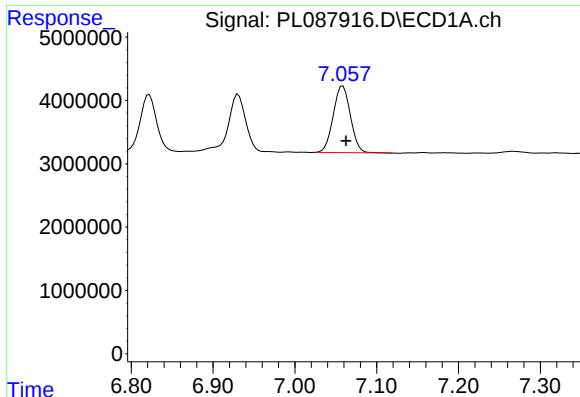
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 12295094
Conc: 4.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 5152182
Conc: 4.43 ng/ml



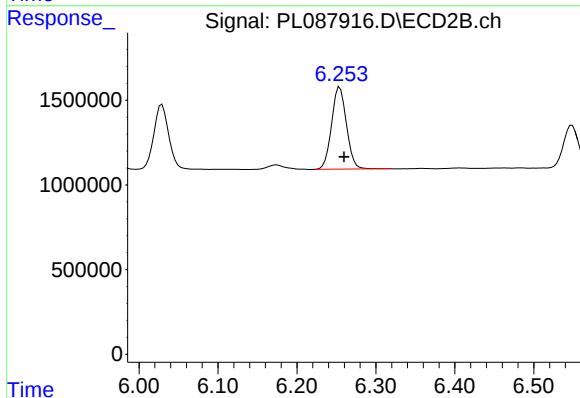
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.004 min
Response: 15371558
Conc: 5.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

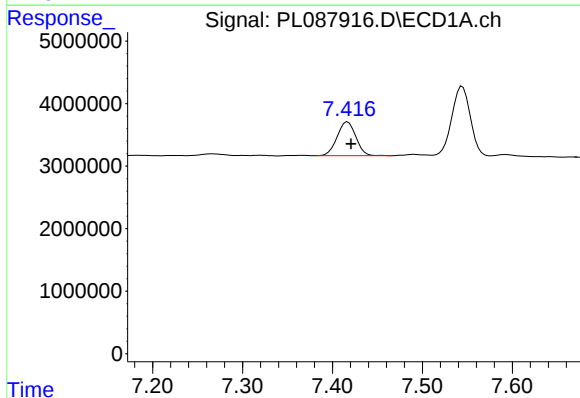
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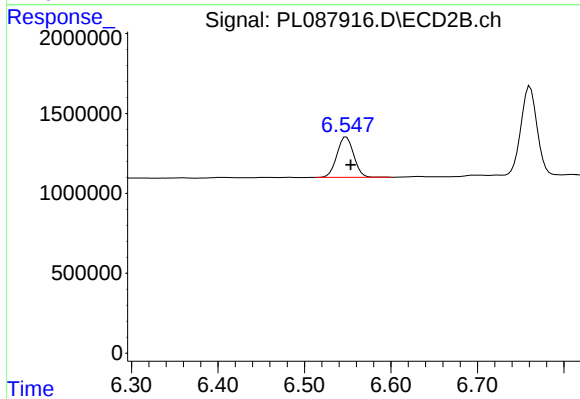
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 6357111
Conc: 4.84 ng/ml



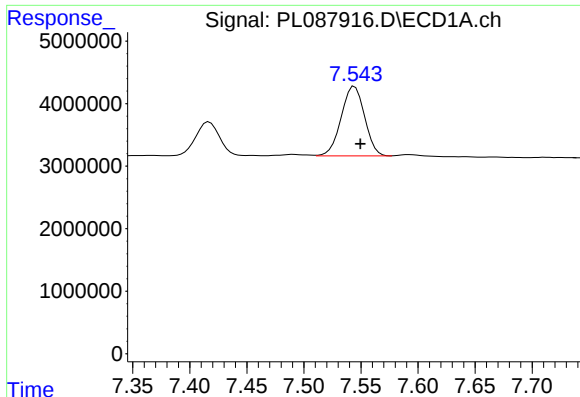
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.004 min
Response: 7870420
Conc: 4.85 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 3389050
Conc: 4.60 ng/ml



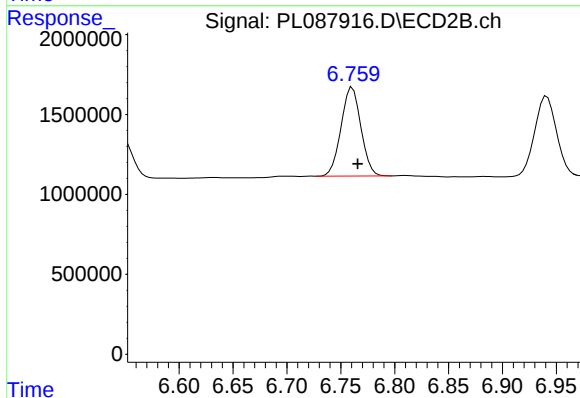
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 15878116
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

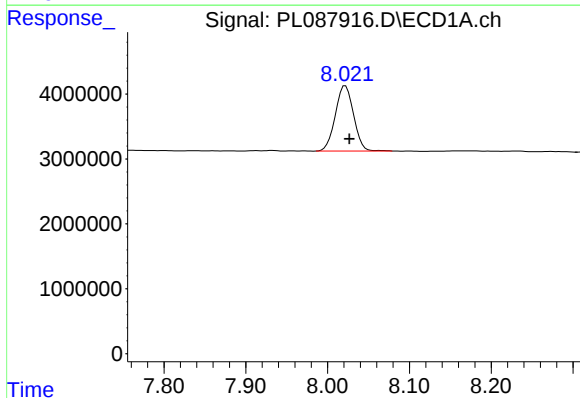
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024



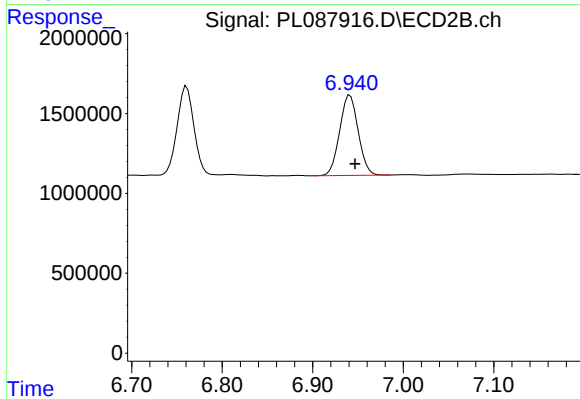
#21 Endrin ketone

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 7127407
Conc: 4.65 ng/ml



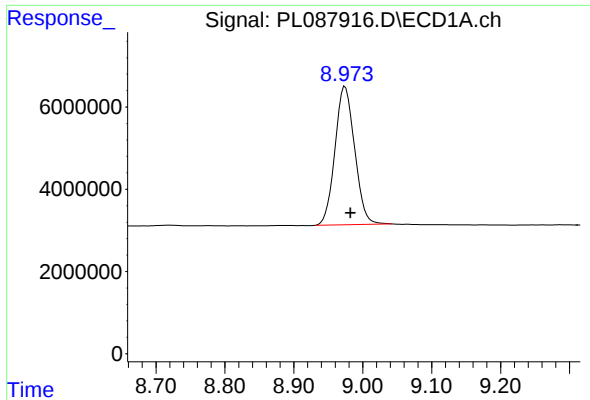
#22 Mirex

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 15599987
Conc: 5.56 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 7161507
Conc: 5.34 ng/ml



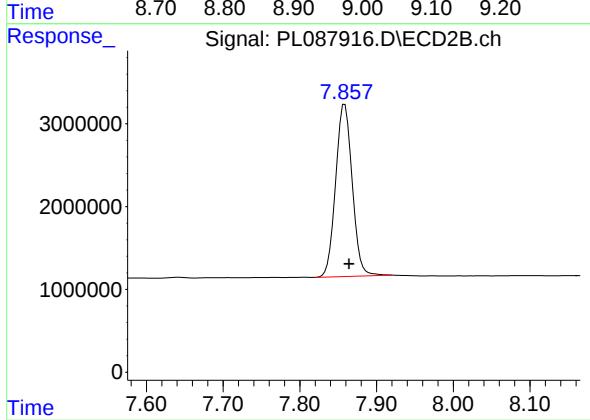
#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: -0.008 min
Response: 66651966
Conc: 23.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 31288086
Conc: 24.70 ng/ml