

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 08:46
 Operator : AR\AJ
 Sample : 03572-01
 Misc : PEST LOD 1PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:48:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.686	39182206	18499753	16.864	17.013
28)	SA Decachlor...	9.029	7.869	31345239	23485749	19.265	18.837
Target Compounds							
2)	A alpha-BHC	3.935	3.190	2653658	1350708	0.804	0.875
3)	MA gamma-BHC...	4.269	3.521	2757790	1388091	0.865	0.913
4)	MA Heptachlor	4.860	3.861	3511013	1361694	1.044m	0.956m
5)	MB Aldrin	5.204	4.142	3276723	1333536	0.991	0.918
6)	B beta-BHC	4.469	3.822	1771795	714813	1.268	1.067m
7)	B delta-BHC	4.714	4.051	4619817	1325239	1.433m	0.873 #
8)	B Heptachlo...	5.633	4.648	3290647	1364845	1.092m	1.029
9)	A Endosulfan I	6.019	5.018	2614346	1287395	0.993m	1.039
10)	B gamma-Chl...	5.892	4.901	3032568	1433759	1.059	1.057
11)	B alpha-Chl...	5.971	4.965	2977791	1483025	1.055	1.088
12)	B 4,4'-DDE	6.151	5.163	2321409	1147245	1.011	0.932
13)	MA Dieldrin	6.298	5.286	2120576	1325690	0.802	0.976
14)	MA Endrin	6.527	5.561	2124630	1230772	0.974	1.006
15)	B Endosulfa...	6.747	5.858	2702673	1518787	1.278	1.259
16)	A 4,4'-DDD	6.669	5.720	1708617	943076	1.019	0.913m
17)	MA 4,4'-DDT	6.985	5.974	2002634	1023638	1.069	0.882
18)	B Endrin al...	6.879	6.041	1969636	1159350	1.168	1.169
19)	B Endosulfa...	7.115	6.266	2415482	1284890	1.209	1.080
20)	A Methoxychlor	7.466	6.558	1037046	692995	1.081m	1.010
21)	B Endrin ke...	7.599	6.771	2314943	1458940	1.157	1.011
22)	Mirex	8.076	6.951	1983313	1310406	1.194	1.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 08:46
Operator : AR\AJ
Sample : 03572-01
Misc : PEST LOD 1PPB
ALS Vial : 5 Sample Multiplier: 1

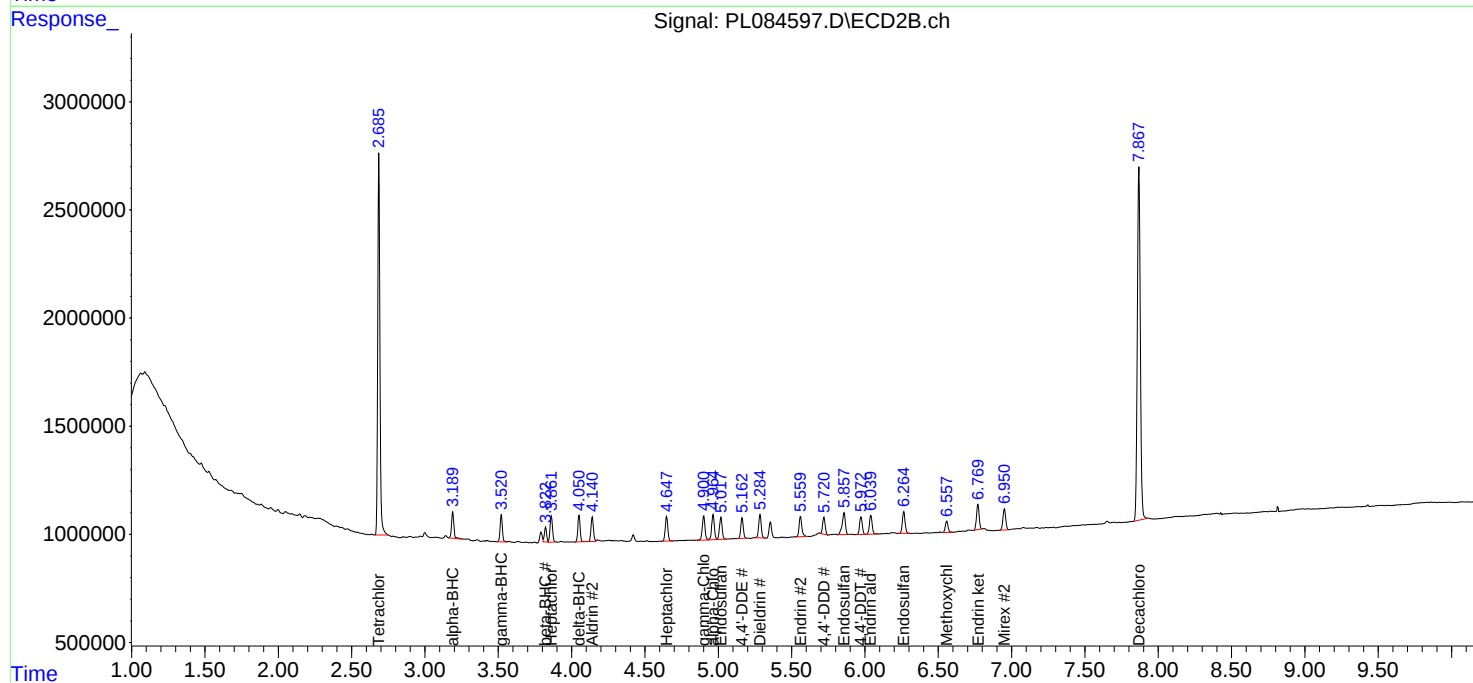
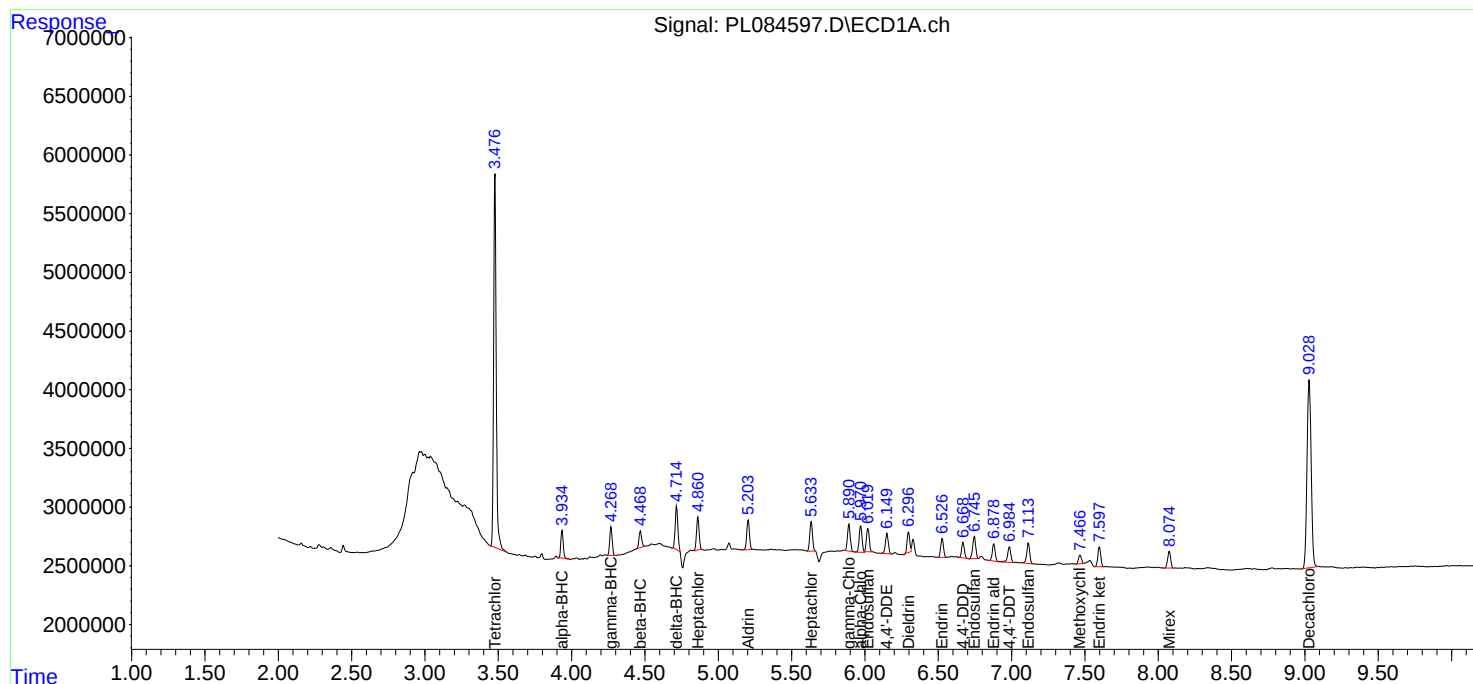
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

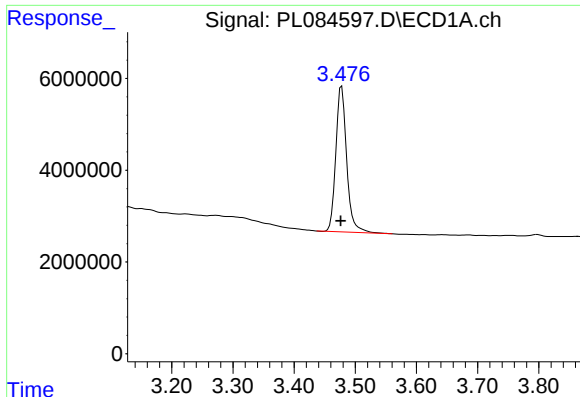
Manual Integrations
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Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:48:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





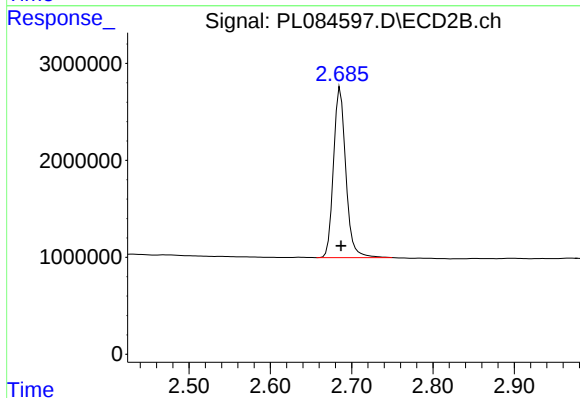
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 39182206
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

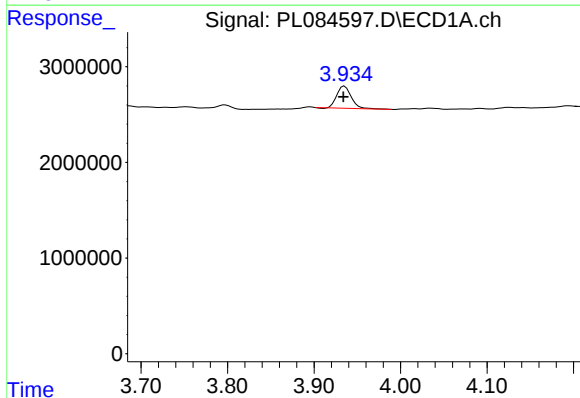
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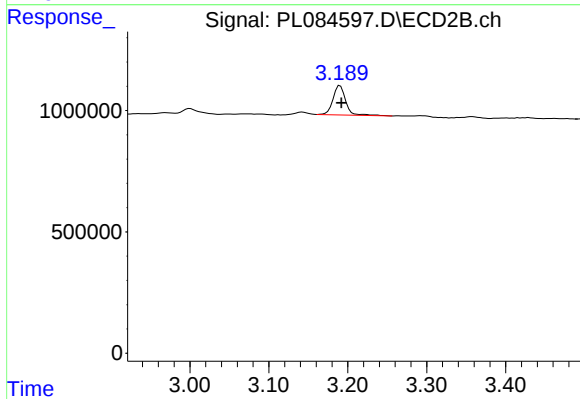
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 18499753
Conc: 17.01 ng/ml



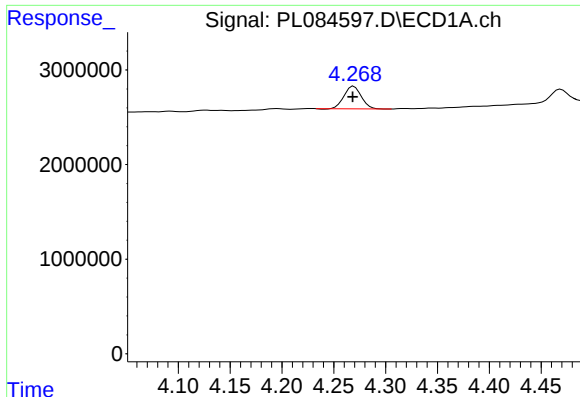
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 2653658
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 1350708
Conc: 0.87 ng/ml



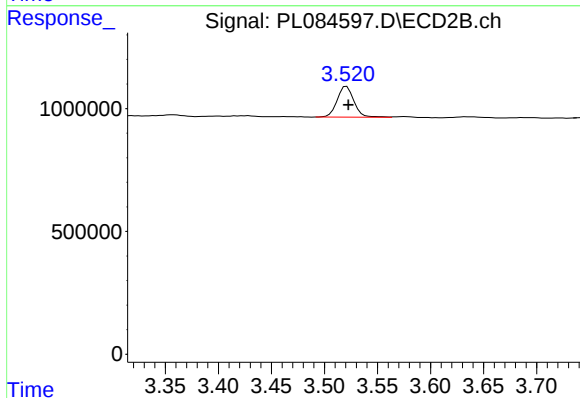
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 2757790
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

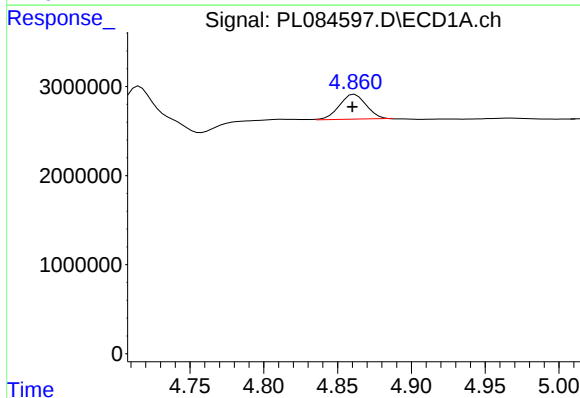
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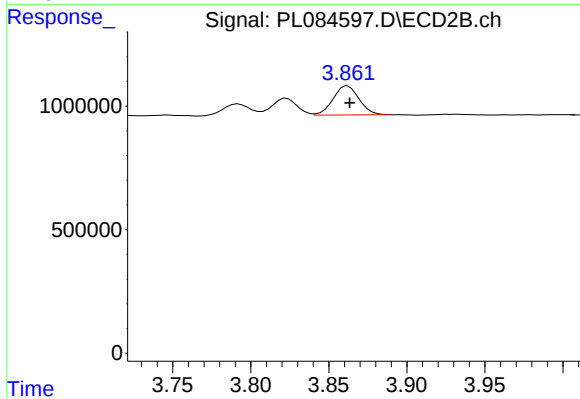
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 1388091
Conc: 0.91 ng/ml



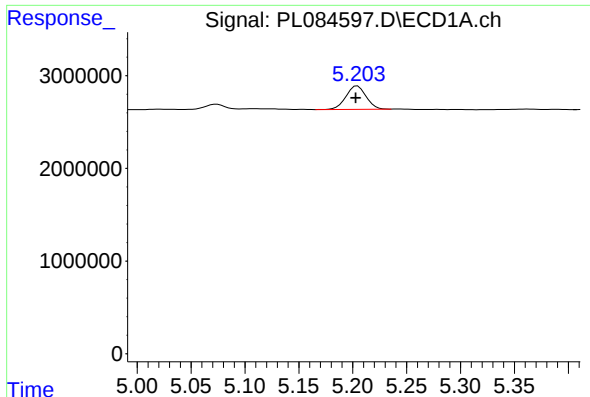
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 3511013
Conc: 1.04 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.003 min
Response: 1361694
Conc: 0.96 ng/ml m



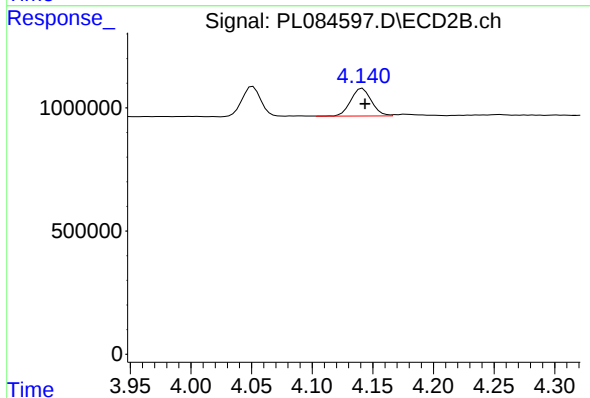
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 3276723
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

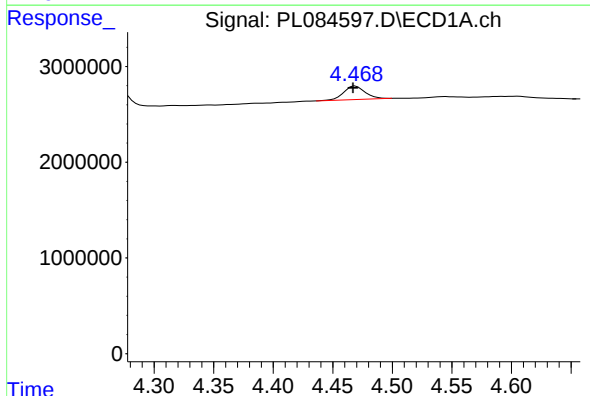
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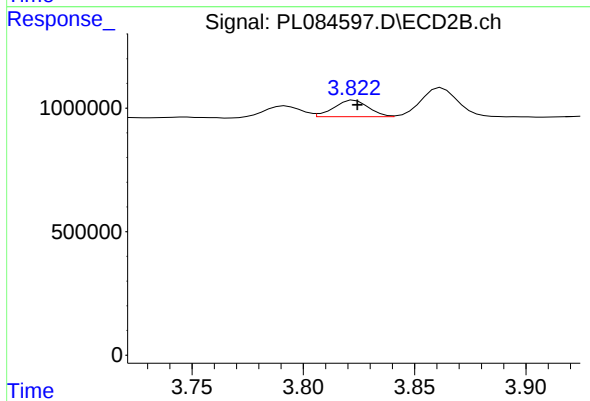
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 1333536
Conc: 0.92 ng/ml



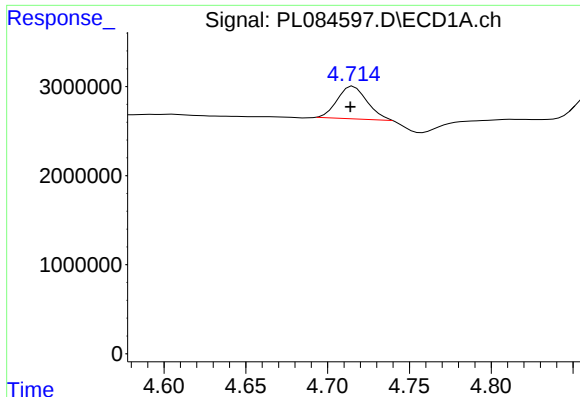
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 1771795
Conc: 1.27 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.003 min
Response: 714813
Conc: 1.07 ng/ml m



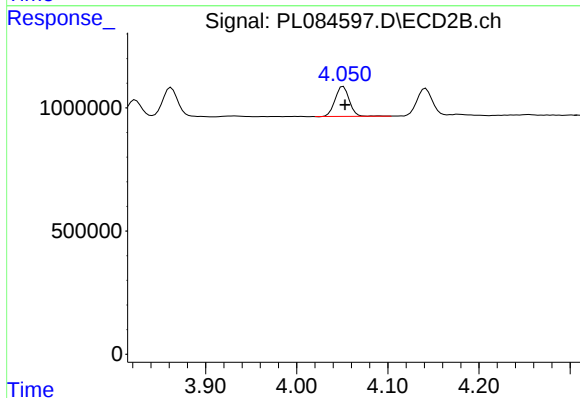
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 4619817
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

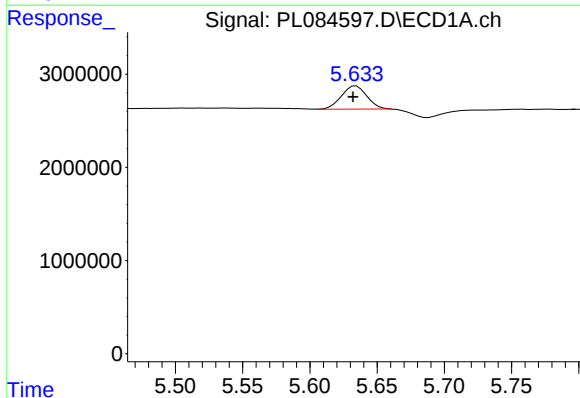
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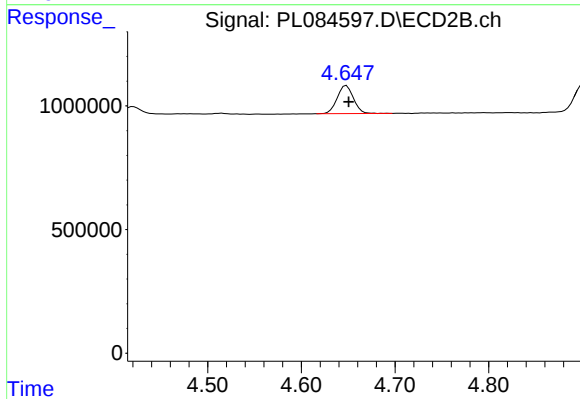
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 1325239
Conc: 0.87 ng/ml



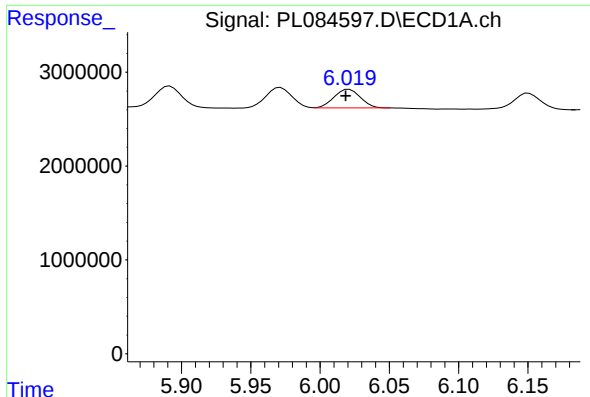
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 3290647
Conc: 1.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.002 min
Response: 1364845
Conc: 1.03 ng/ml



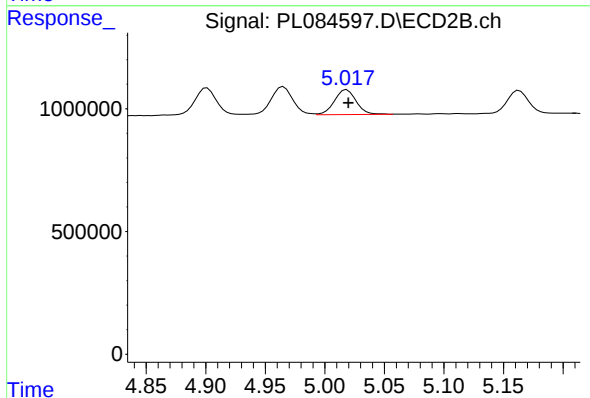
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 2614346
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

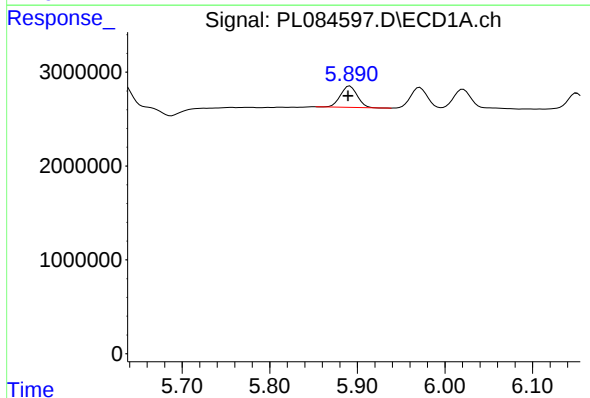
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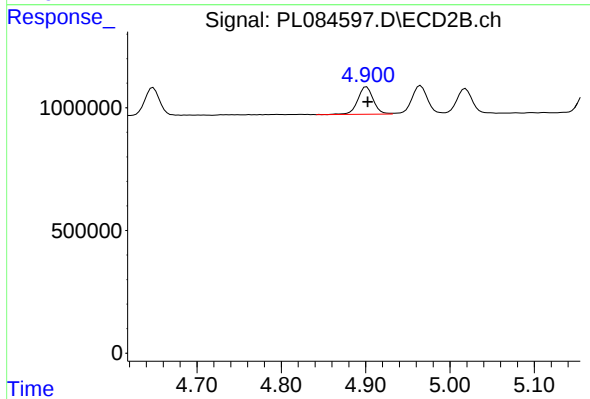
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.001 min
Response: 1287395
Conc: 1.04 ng/ml



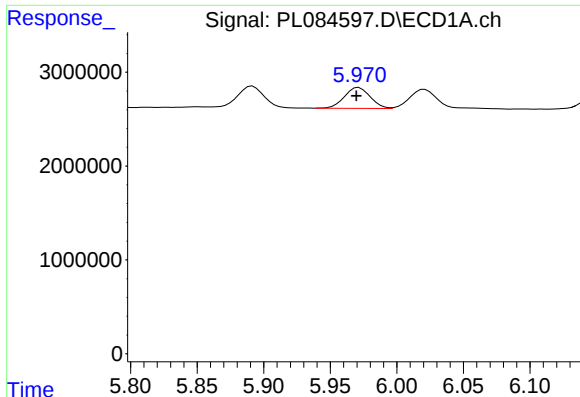
#10 gamma-Chlordane

R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 3032568
Conc: 1.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 1433759
Conc: 1.06 ng/ml



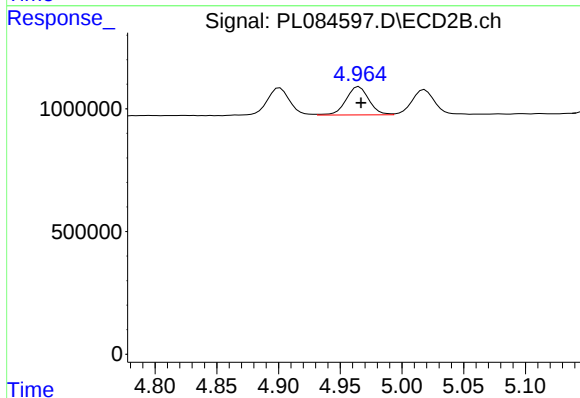
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 2977791
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

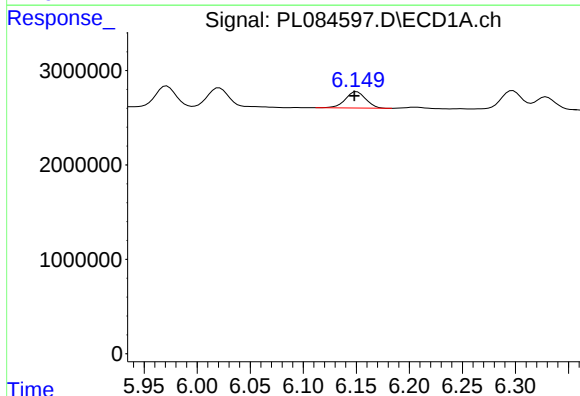
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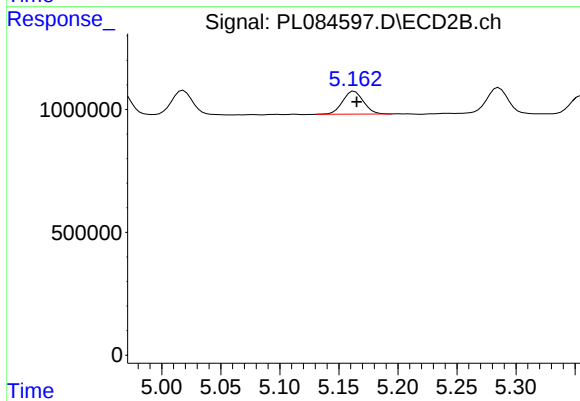
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 1483025
Conc: 1.09 ng/ml



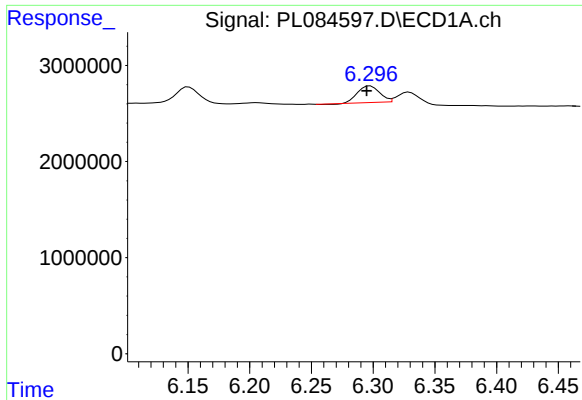
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 2321409
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 1147245
Conc: 0.93 ng/ml



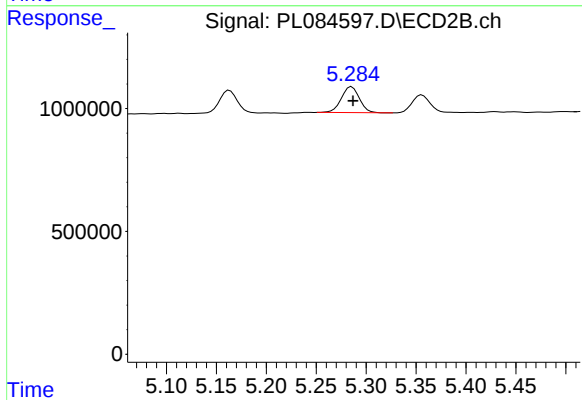
#13 Dieldrin

R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 2120576
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

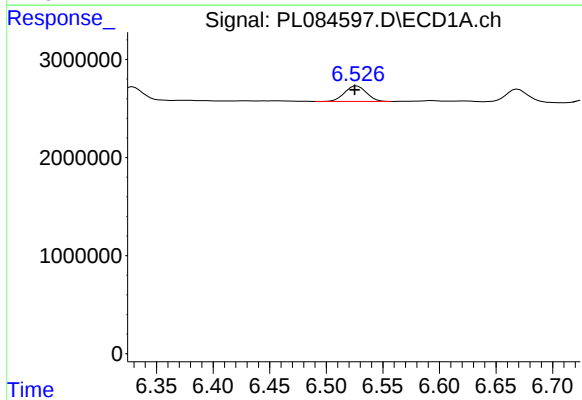
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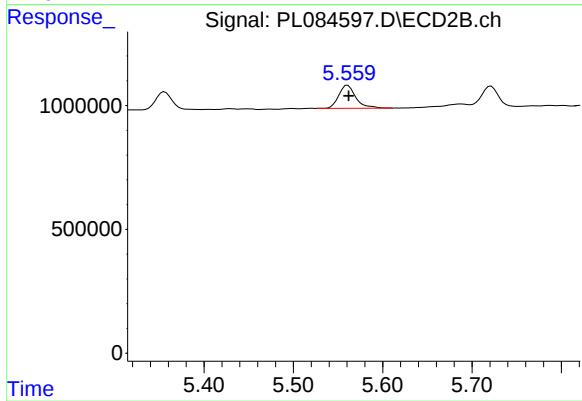
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 1325690
Conc: 0.98 ng/ml



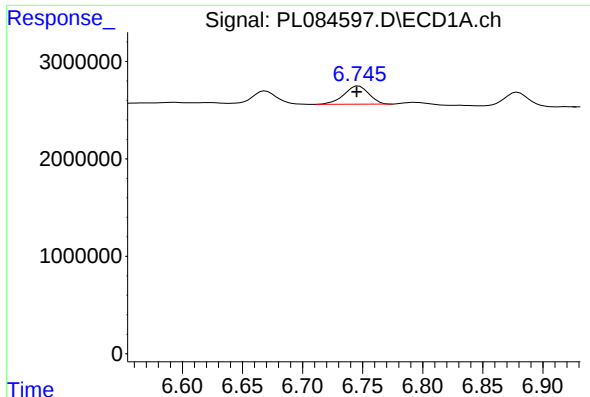
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 2124630
Conc: 0.97 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 1230772
Conc: 1.01 ng/ml



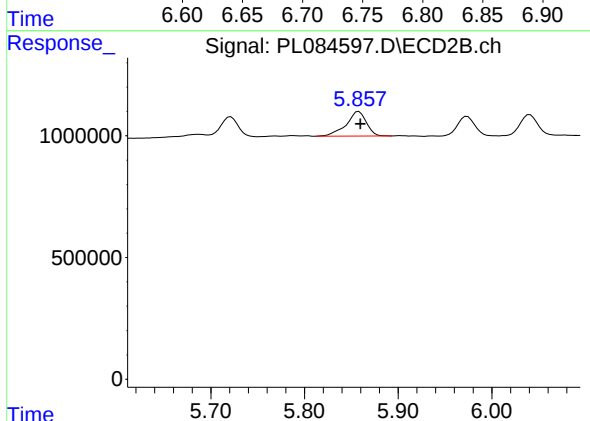
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 2702673
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

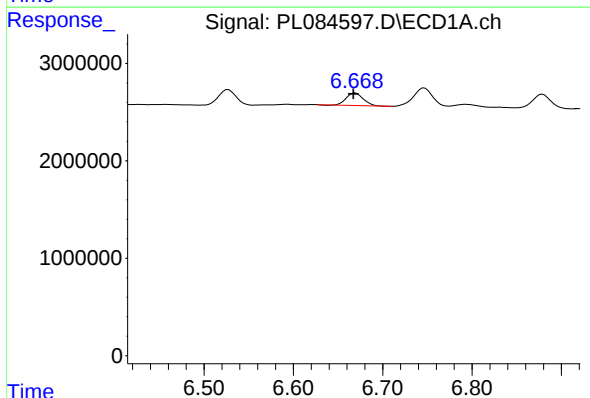
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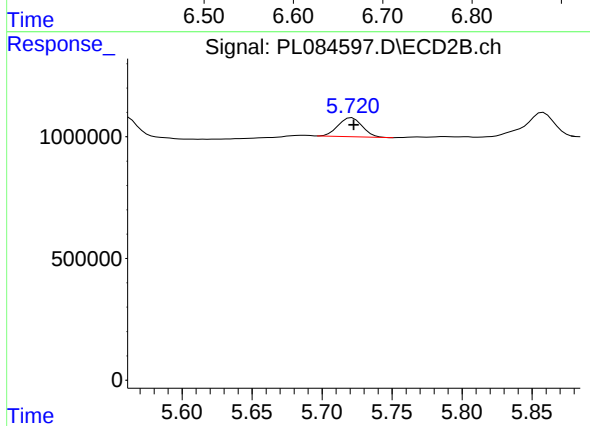
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 1518787
Conc: 1.26 ng/ml



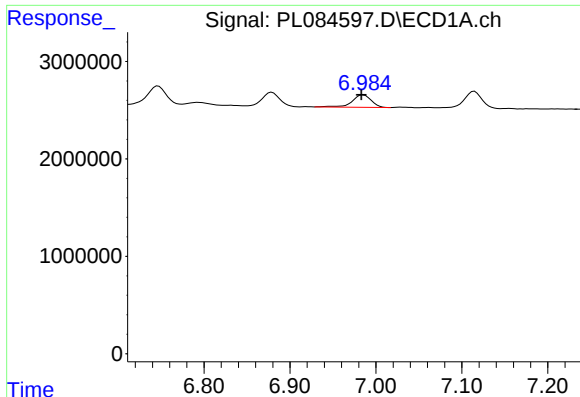
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 1708617
Conc: 1.02 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 943076
Conc: 0.91 ng/ml m



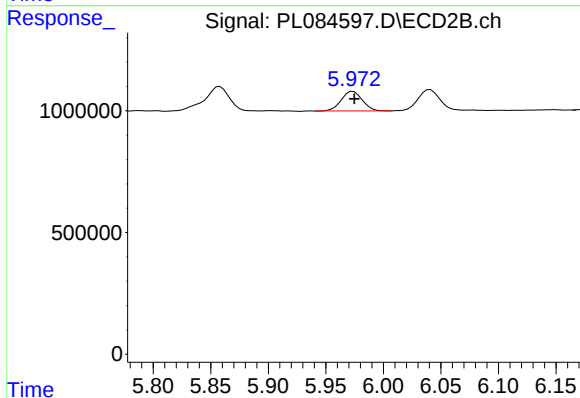
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 2002634
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

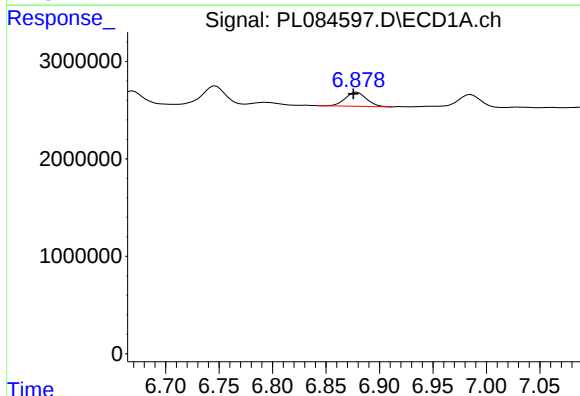
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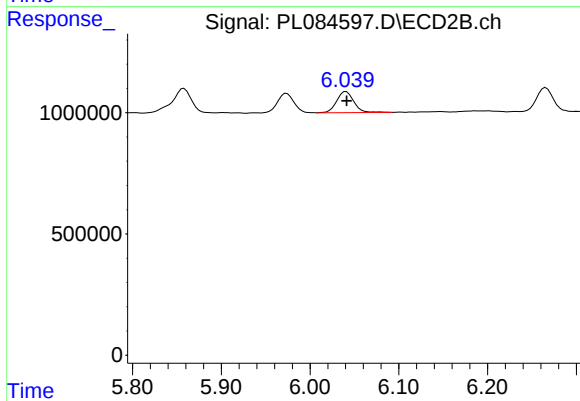
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1023638
Conc: 0.88 ng/ml



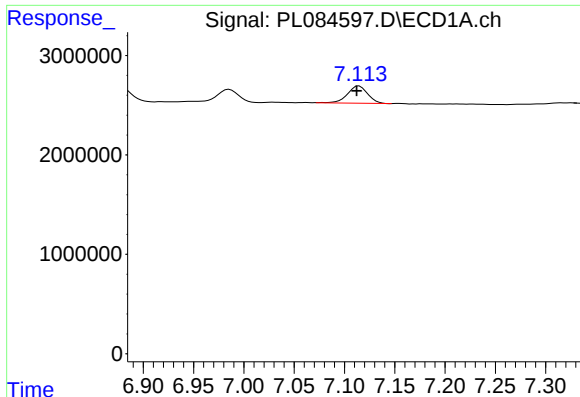
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 1969636
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 1159350
Conc: 1.17 ng/ml



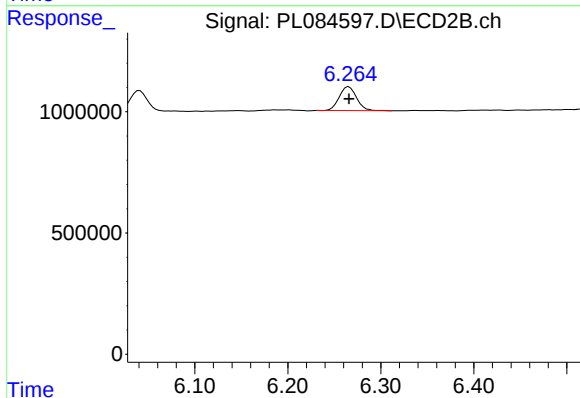
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: 0.002 min
Response: 2415482
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

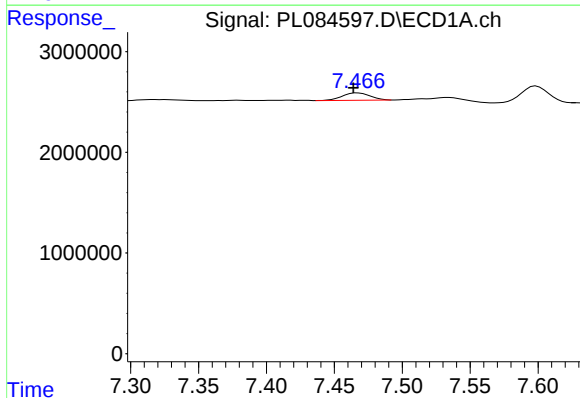
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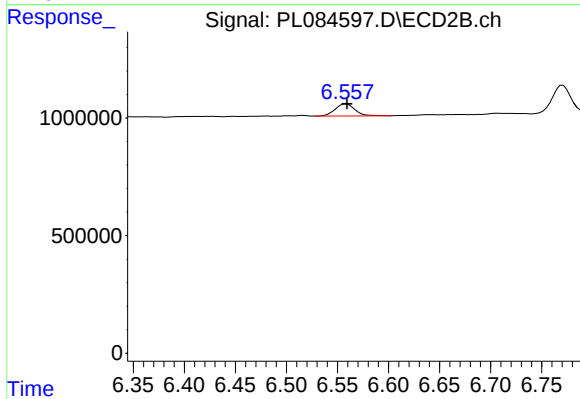
#19 Endosulfan Sulfate

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 1284890
Conc: 1.08 ng/ml



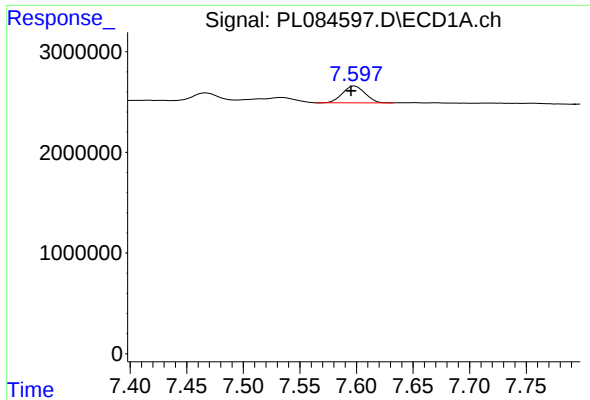
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 1037046
Conc: 1.08 ng/ml m



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 692995
Conc: 1.01 ng/ml



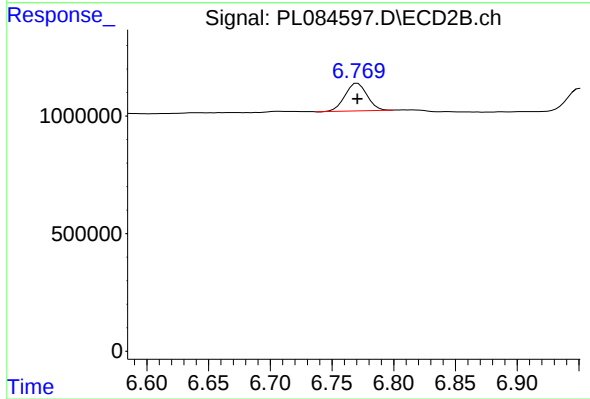
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.003 min
Response: 2314943
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

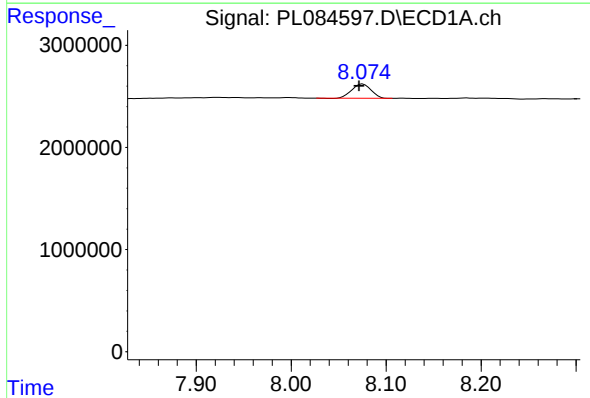
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



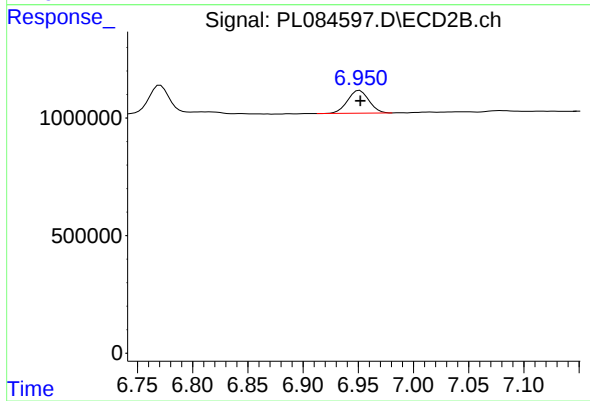
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 1458940
Conc: 1.01 ng/ml



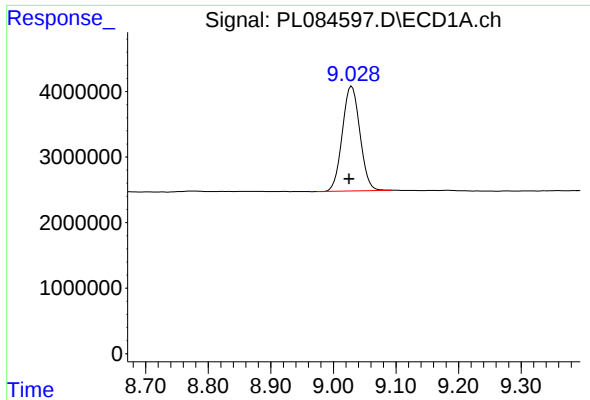
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.004 min
Response: 1983313
Conc: 1.19 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 1310406
Conc: 1.14 ng/ml



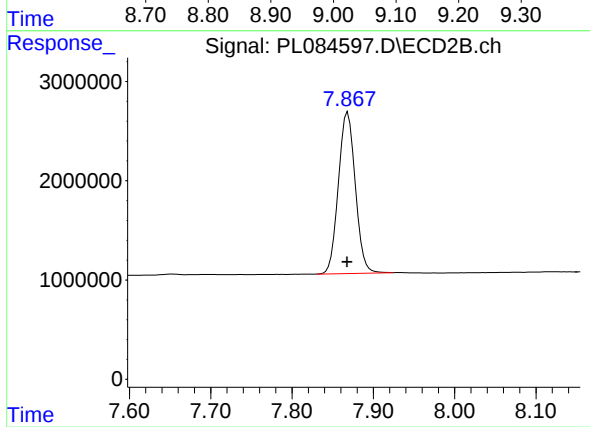
#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 31345239
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/11/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.001 min
Response: 23485749
Conc: 18.84 ng/ml