

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 09:36
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 09:50:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.539	2.778	43561165	47442613	19.581	18.916
28) SA Decachlor...	9.058	7.919	33927960	49327330	20.710	19.716
Target Compounds						
2) A alpha-BHC	3.994	3.280	3722061	3788539	1.202	1.040
3) MA gamma-BHC...	4.327	3.610	3598905	3233211	1.161	0.916
4) MA Heptachlor	4.915	3.950	3528083	3420602	1.276m	0.991
5) MB Aldrin	5.258	4.229	3587091	3734725	1.291	1.098
6) B beta-BHC	4.526	3.910	2002916	1795800	1.510	1.195
7) B delta-BHC	4.770	4.139	4021965	3767520	1.394m	1.085
8) B Heptachlo...	5.684	4.732	3508854	3299013	1.379m	1.091
9) A Endosulfan I	6.070	5.101	3219280	2822005	1.392	1.028m#
10) B gamma-Chl...	5.940	4.982	3276152	3627362	1.326	1.206
11) B alpha-Chl...	6.018	5.046	3295737	3456360	1.338m	1.155
12) B 4,4'-DDE	6.192	5.235	2865060	2803778	1.324m	1.009
13) MA Dieldrin	6.345	5.366	3234672	2736564	1.326	0.933 #
14) MA Endrin	6.575	5.642	2305501	3130979	1.119	1.194
15) B Endosulfa...	6.794	5.936	2673663	2908936	1.215m	1.162m
16) A 4,4'-DDD	6.709	5.790	2301047	2382360	1.281m	1.115
17) MA 4,4'-DDT	7.023	6.040	1889645	2264589	1.026m	0.979
18) B Endrin al...	6.924	6.116	2425967	2181364	1.392m	1.069
19) B Endosulfa...	7.158	6.338	2661875	2604541	1.343m	1.080m
20) A Methoxychlor	7.500	6.617	1176757	1412904	1.199m	1.130
21) B Endrin ke...	7.643	6.845	2631000	2769224	1.197m	1.000
22) Mirex	8.118	7.026	2515590	2847813	1.397	1.171m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 09:36
Operator : AR\AJ
Sample : P4368-01
Misc : PEST LOD 1PPB SOIL
ALS Vial : 6 Sample Multiplier: 1

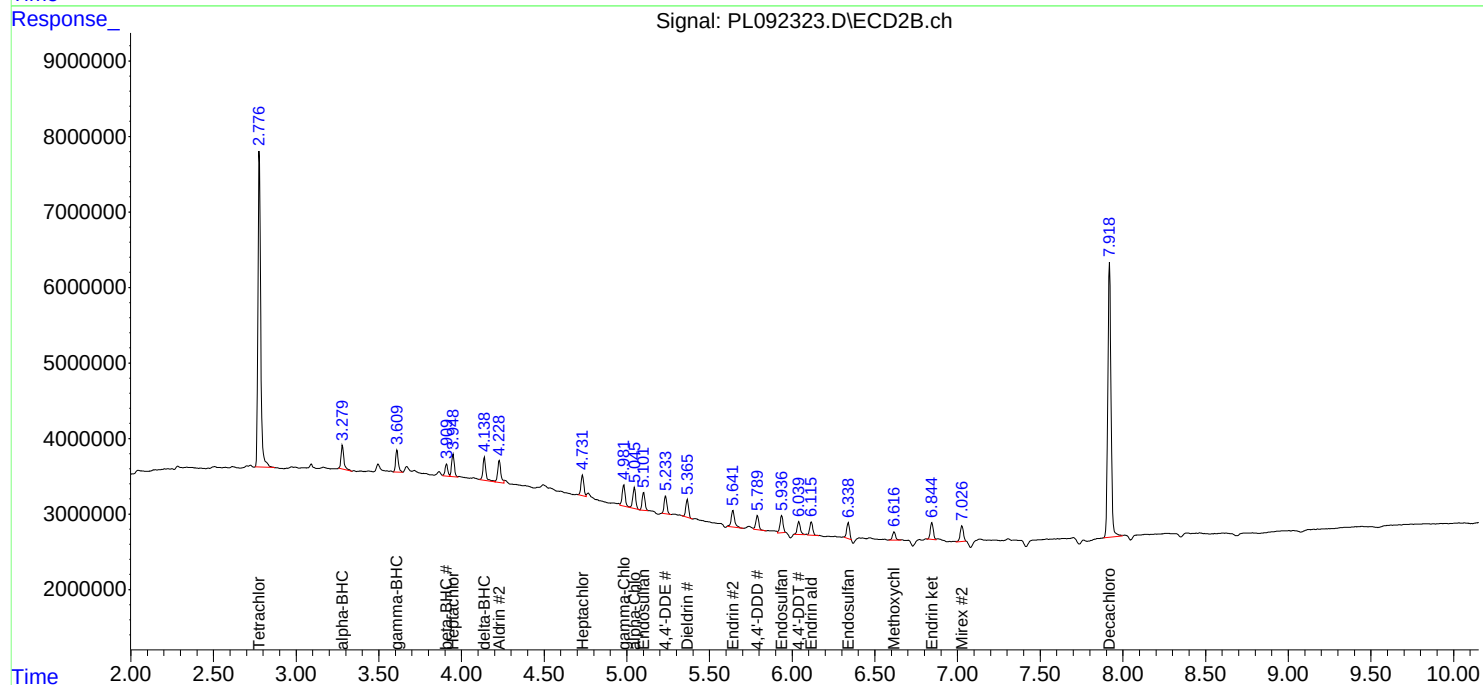
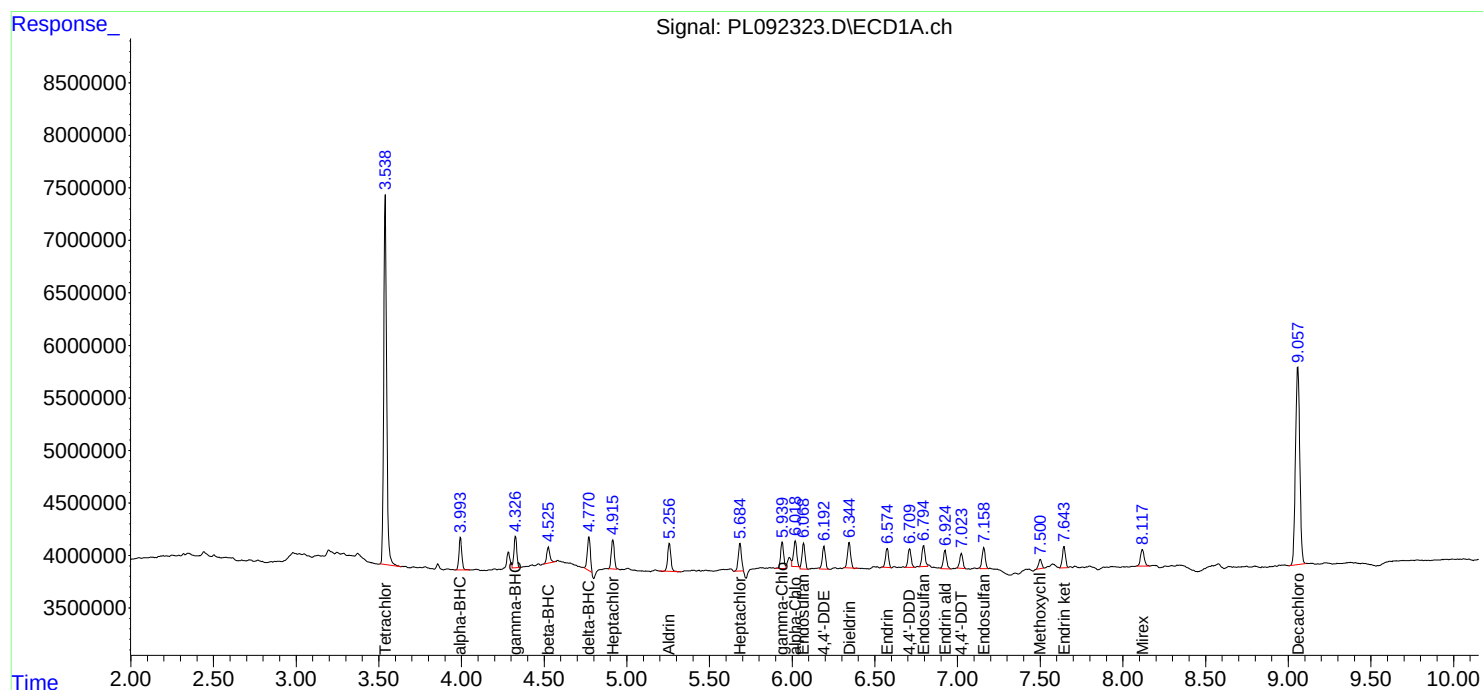
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

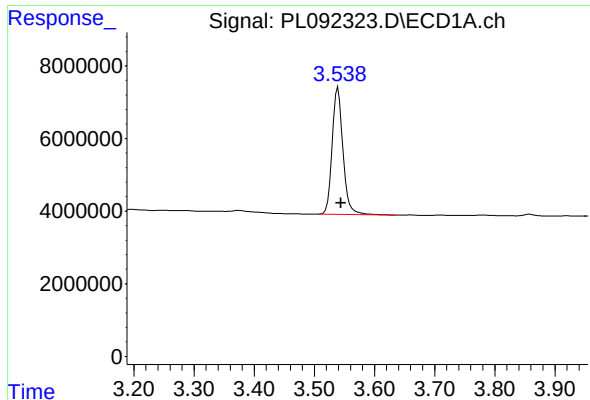
Manual Integrations
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Reviewed By : Abdul Mirza 10/14/2024
Supervised By : Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 09:50:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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





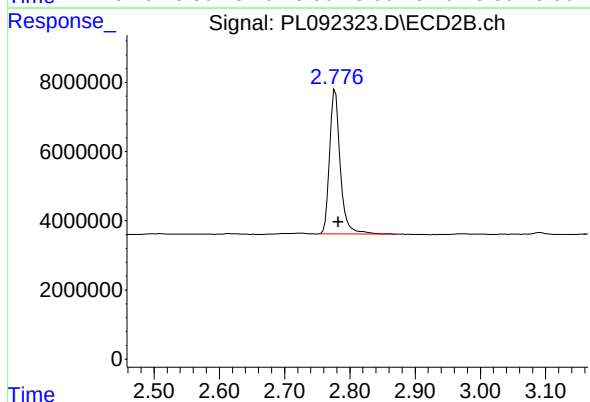
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 43561165
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

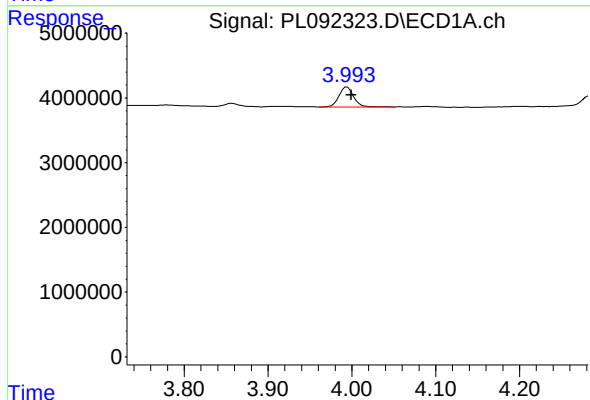
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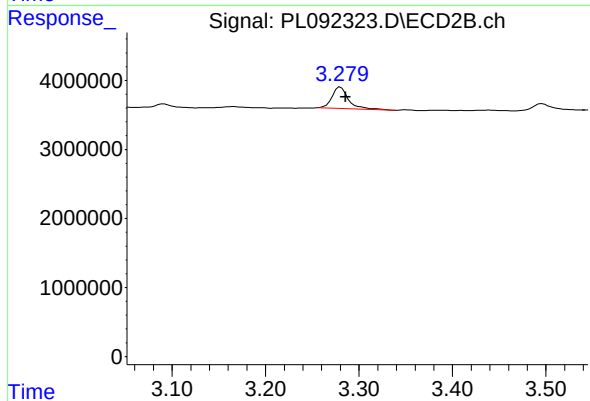
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.005 min
Response: 47442613
Conc: 18.92 ng/ml



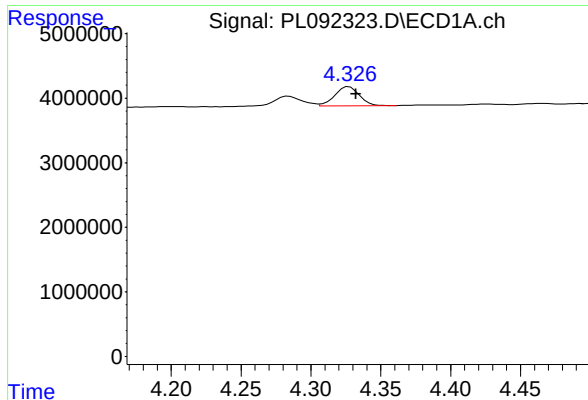
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 3722061
Conc: 1.20 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: -0.005 min
Response: 3788539
Conc: 1.04 ng/ml



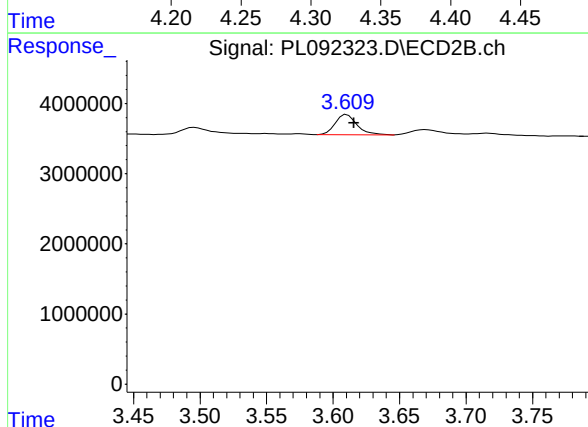
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 3598905
Conc: 1.16 ng/ml

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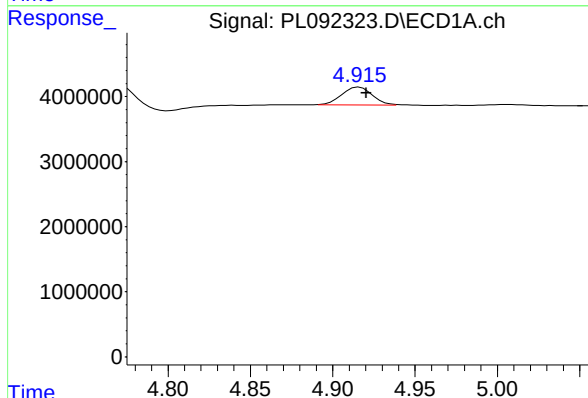
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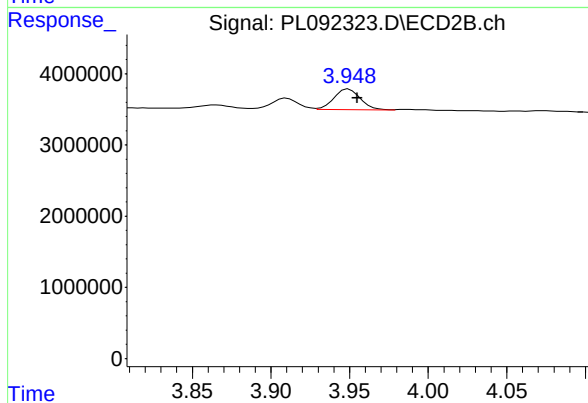
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.005 min
Response: 3233211
Conc: 0.92 ng/ml



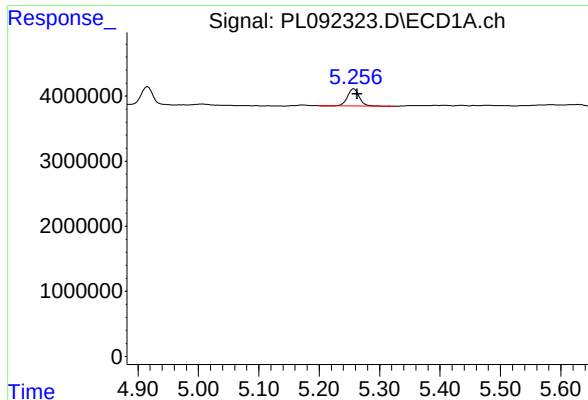
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.006 min
Response: 3528083
Conc: 1.28 ng/ml m



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.006 min
Response: 3420602
Conc: 0.99 ng/ml



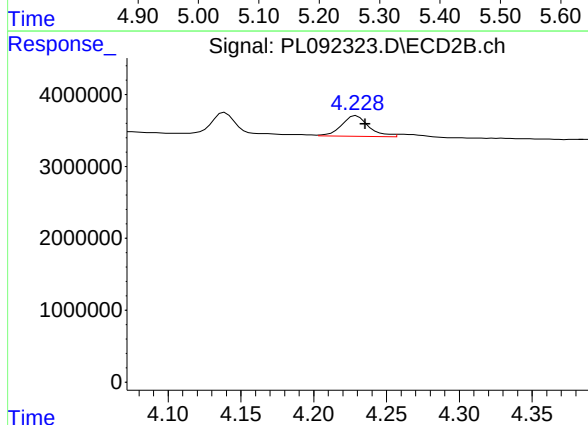
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 3587091
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

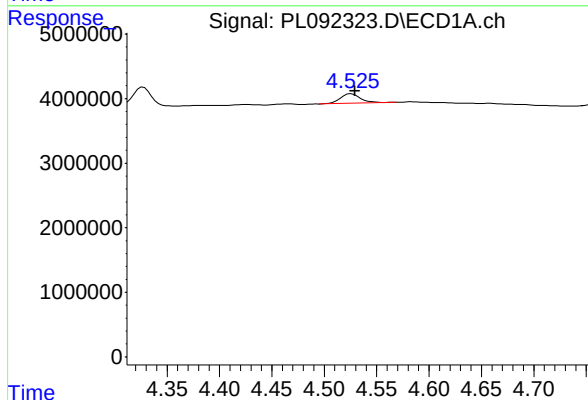
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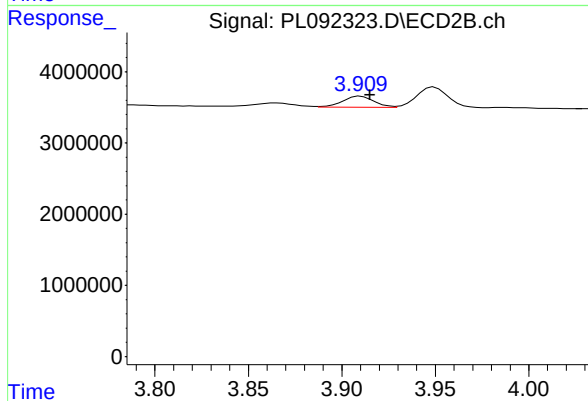
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: -0.006 min
Response: 3734725
Conc: 1.10 ng/ml



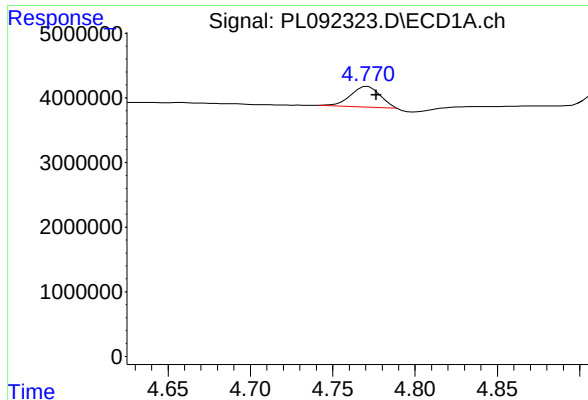
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 2002916
Conc: 1.51 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: -0.005 min
Response: 1795800
Conc: 1.19 ng/ml



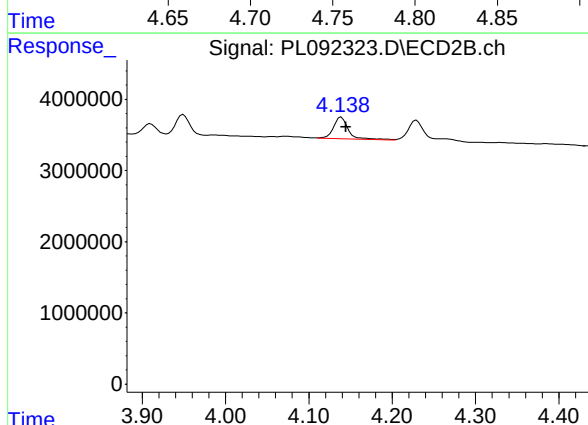
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.007 min
Response: 4021965
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

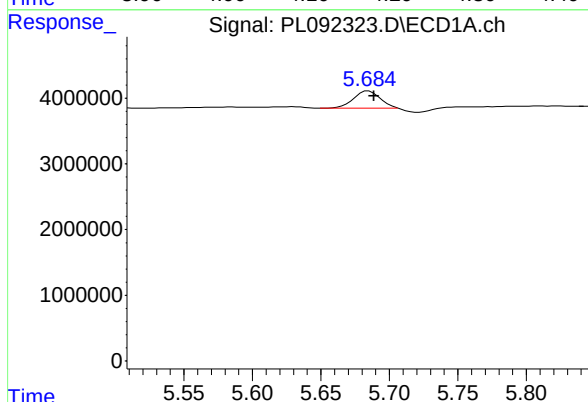
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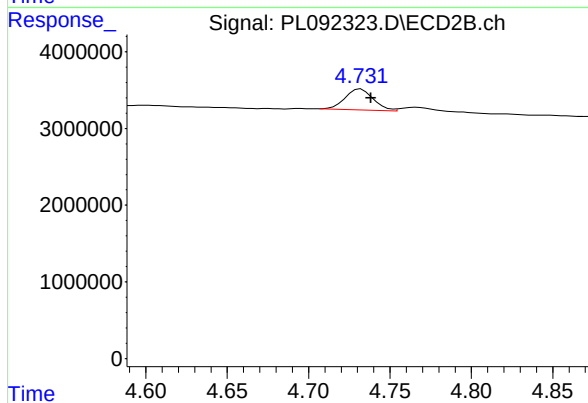
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 3767520
Conc: 1.09 ng/ml



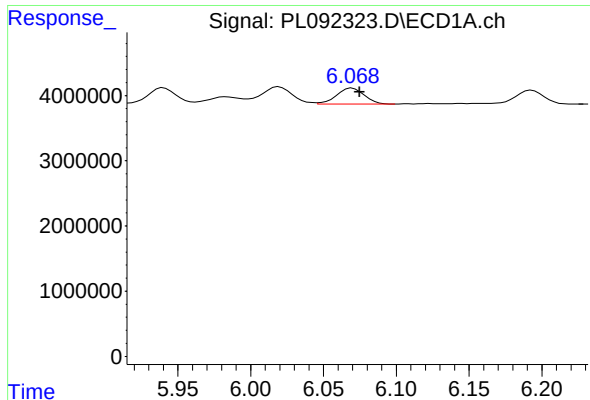
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 3508854
Conc: 1.38 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 3299013
Conc: 1.09 ng/ml



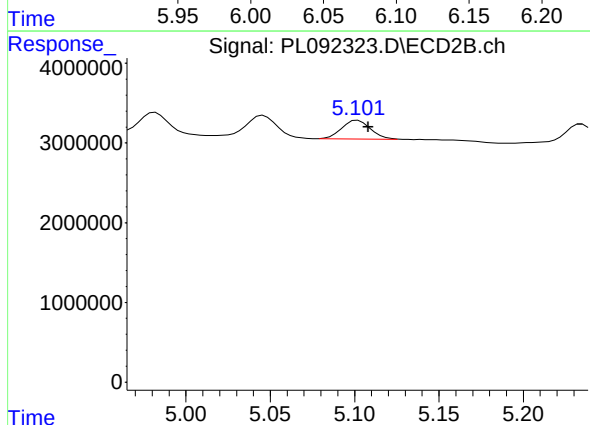
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 3219280
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

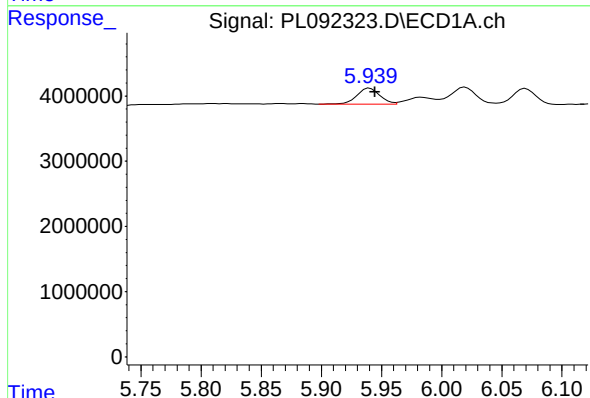
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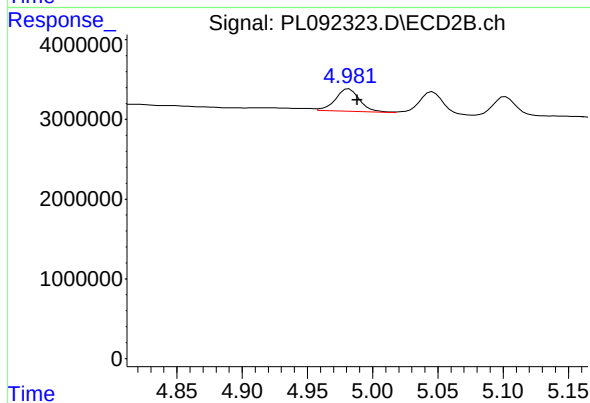
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.008 min
Response: 2822005
Conc: 1.03 ng/ml m



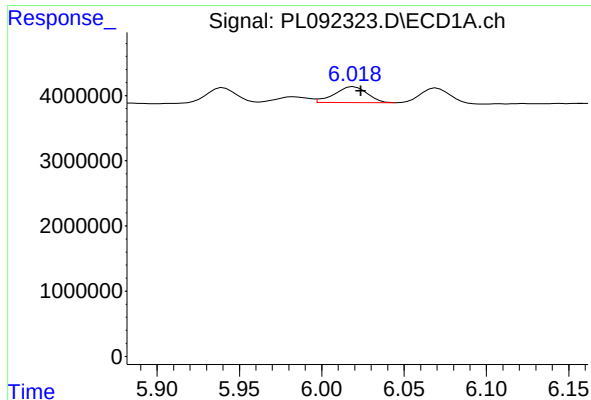
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 3276152
Conc: 1.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 3627362
Conc: 1.21 ng/ml



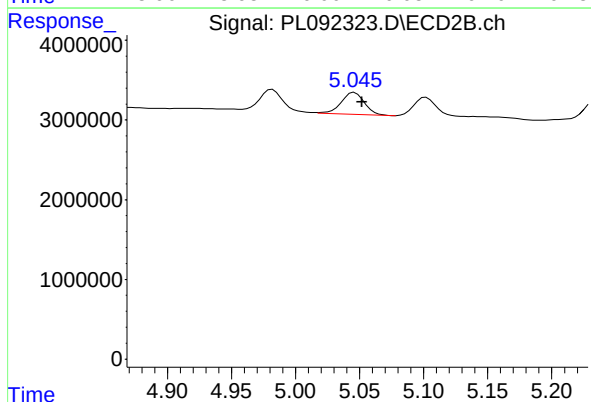
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.005 min
Response: 3295737
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

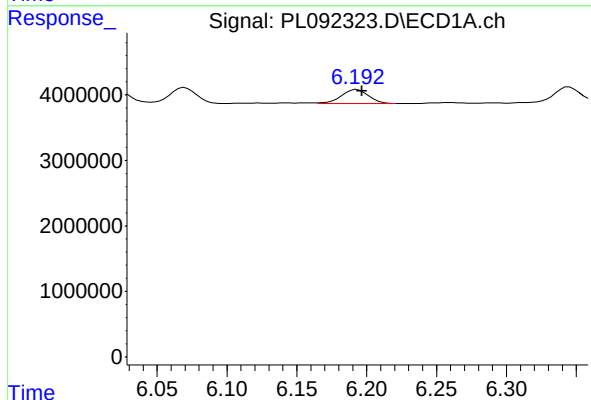
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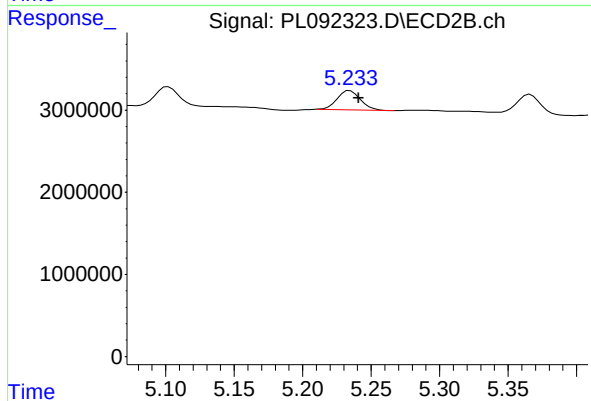
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 3456360
Conc: 1.15 ng/ml



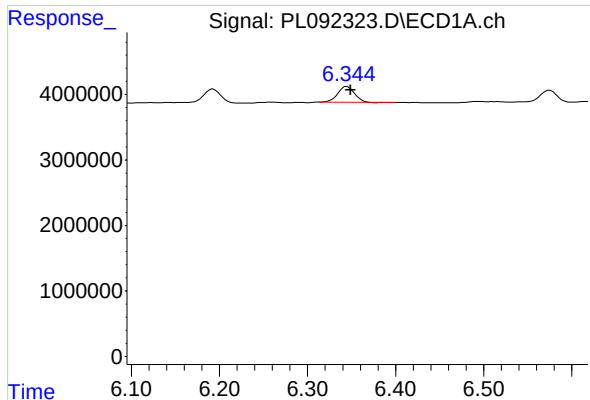
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.005 min
Response: 2865060
Conc: 1.32 ng/ml m



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 2803778
Conc: 1.01 ng/ml



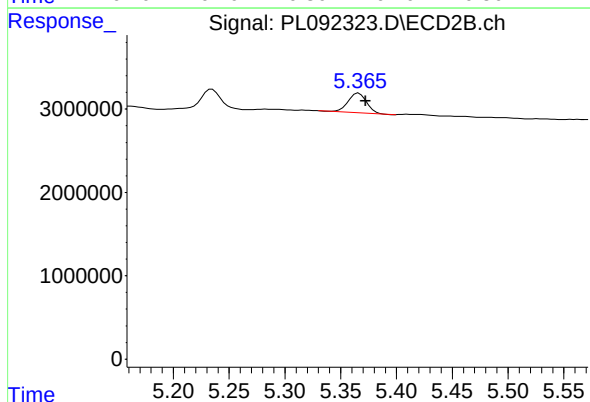
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 3234672
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

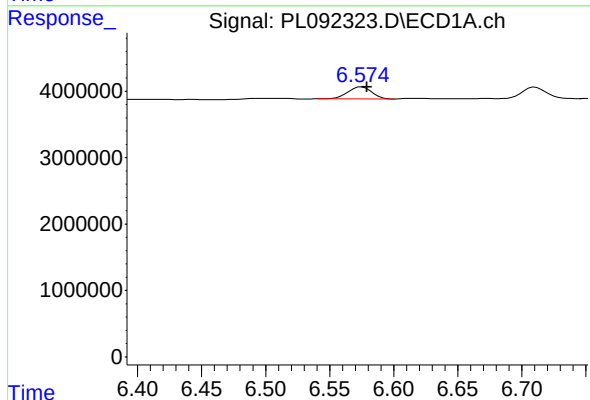
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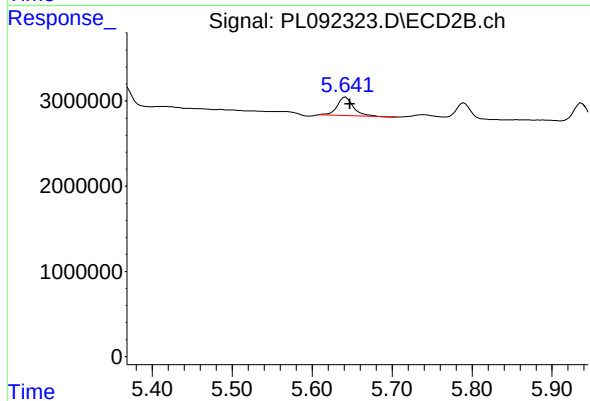
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 2736564
Conc: 0.93 ng/ml



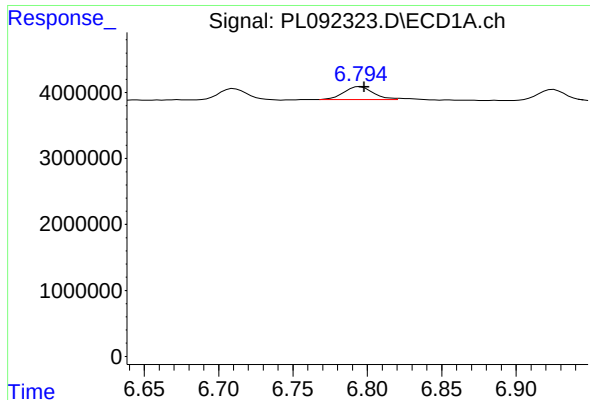
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 2305501
Conc: 1.12 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 3130979
Conc: 1.19 ng/ml



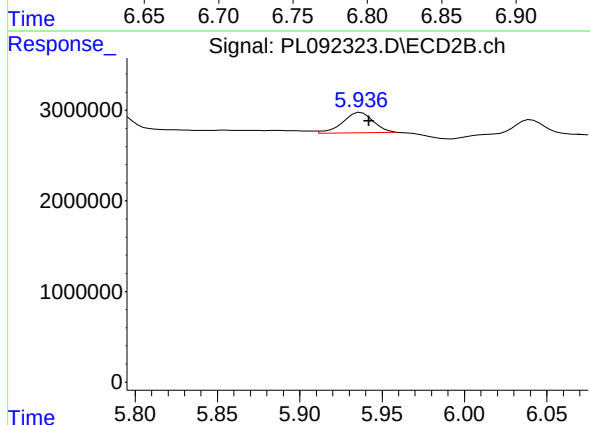
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 2673663
Conc: 1.22 ng/ml

Instrument :
ECD_L
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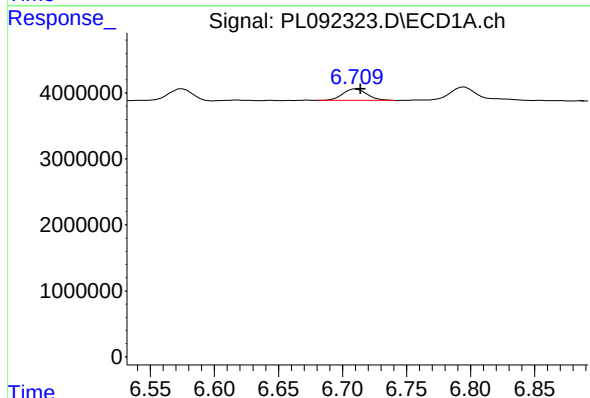
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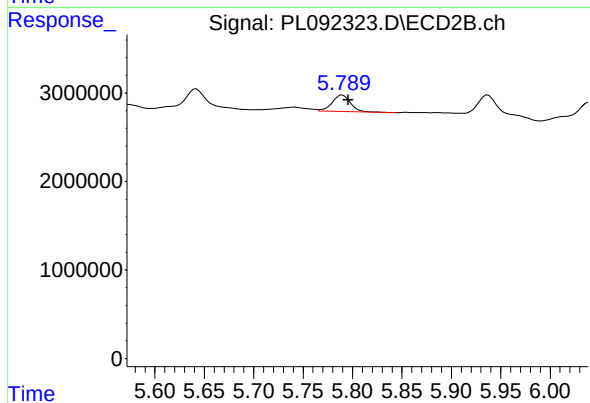
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: -0.006 min
Response: 2908936
Conc: 1.16 ng/ml m



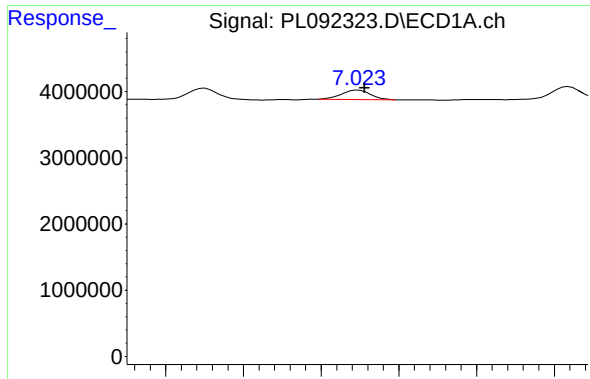
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 2301047
Conc: 1.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 2382360
Conc: 1.12 ng/ml



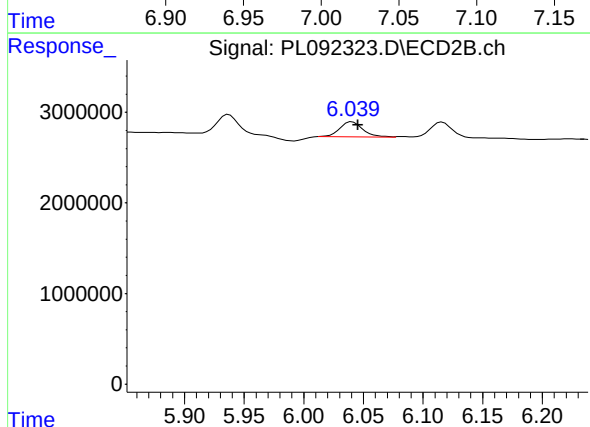
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 1889645
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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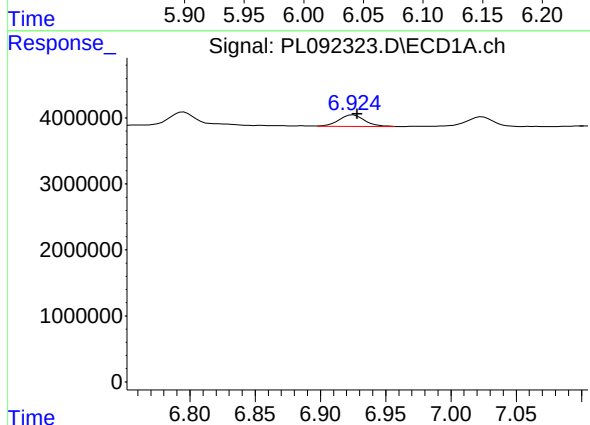
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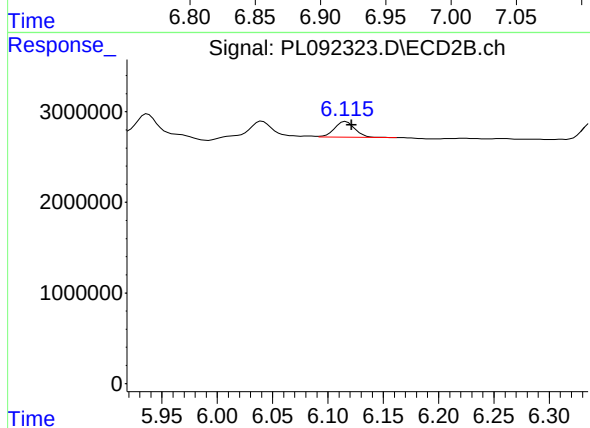
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 2264589
Conc: 0.98 ng/ml



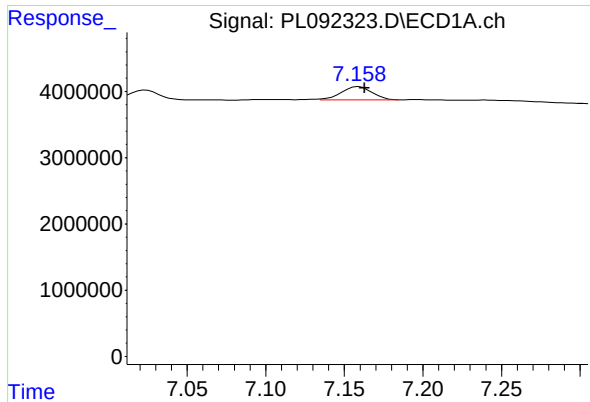
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 2425967
Conc: 1.39 ng/ml m



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 2181364
Conc: 1.07 ng/ml



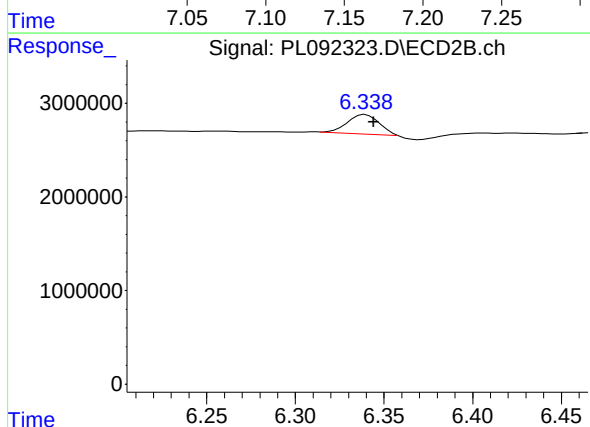
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 2661875
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

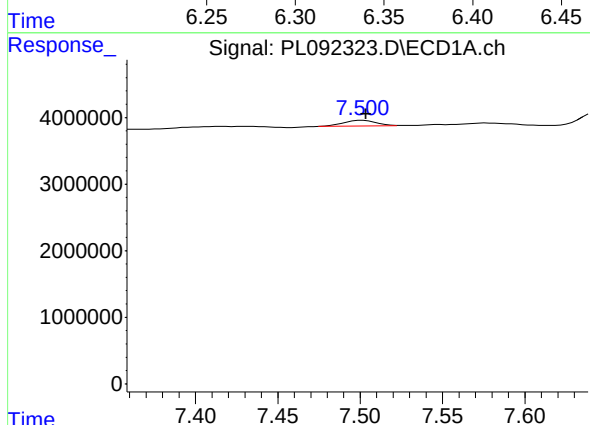
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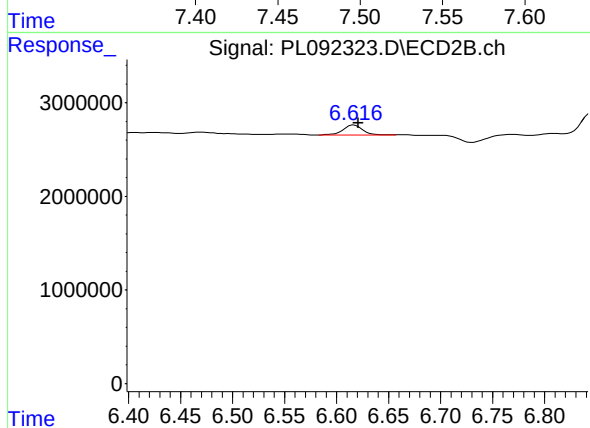
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 2604541
Conc: 1.08 ng/ml m



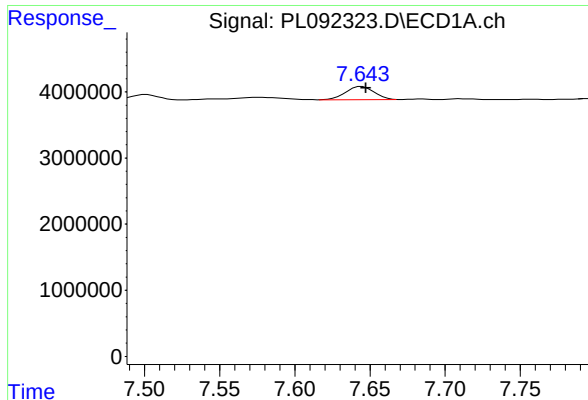
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 1176757
Conc: 1.20 ng/ml m



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 1412904
Conc: 1.13 ng/ml



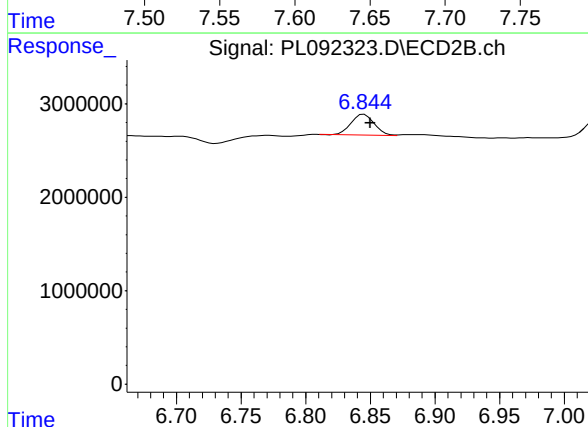
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 2631000
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

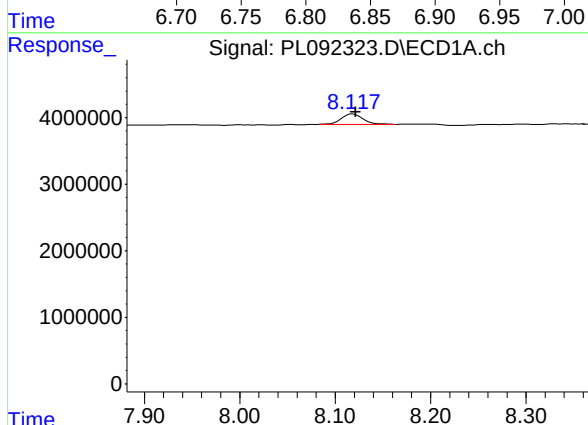
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



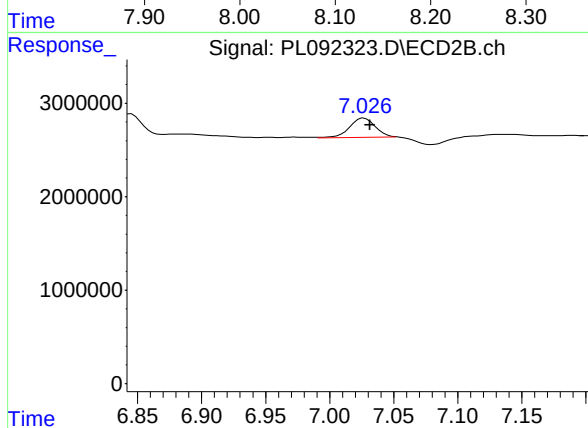
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 2769224
Conc: 1.00 ng/ml



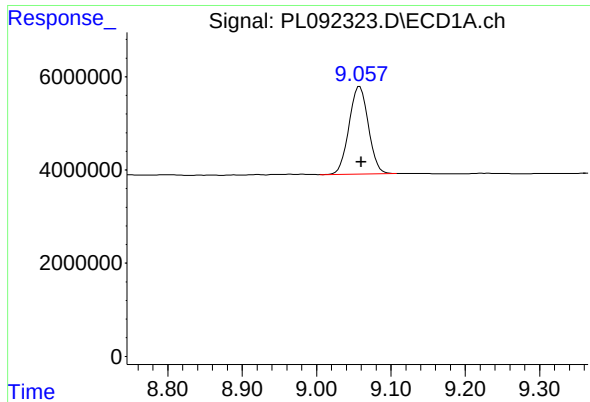
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.003 min
Response: 2515590
Conc: 1.40 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: -0.006 min
Response: 2847813
Conc: 1.17 ng/ml m



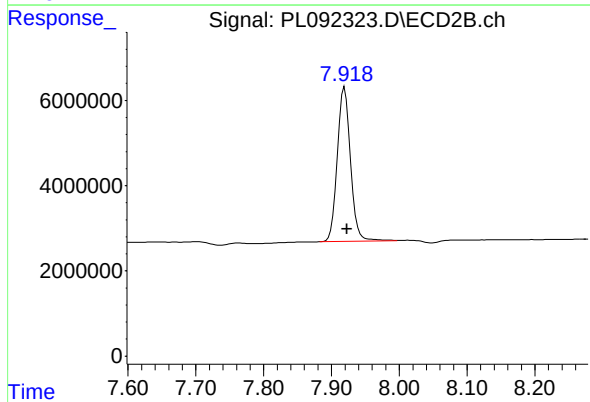
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 33927960
Conc: 20.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 49327330
Conc: 19.72 ng/ml