

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:04
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:52:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.553	2.796	41396523	26885662	20.558	20.955
28)	SA Decachlor...	9.069	7.949	27967868	26995740	19.991	20.068
Target Compounds							
2)	A alpha-BHC	4.007	3.299	3557050	1599835	1.247	0.848m#
3)	MA gamma-BHC...	4.338	3.632	3858050	1553046	1.386m	0.842 #
4)	MA Heptachlor	4.928	3.974	2929518	1606898	1.181m	0.917
5)	MB Aldrin	5.271	4.255	3111479	1613617	1.212m	0.913
6)	B beta-BHC	4.533	3.930	1772875	841838	1.405m	1.031 #
7)	B delta-BHC	4.781	4.160	3260056	1545831	1.229m	0.859 #
8)	B Heptachlo...	5.696	4.757	3277906	1579403	1.398m	0.977m#
9)	A Endosulfan I	6.081	5.129	2880623	1512806	1.340m	1.010
10)	B gamma-Chl...	5.952	5.008	3168603	1695123	1.386m	1.033m#
11)	B alpha-Chl...	6.031	5.073	3128376	1719568	1.375m	1.043
12)	B 4,4'-DDE	6.202	5.262	2555609	1351406	1.263m	0.929 #
13)	MA Dieldrin	6.356	5.394	2920625	1551436	1.305m	0.964 #
14)	MA Endrin	6.586	5.669	2315142	1406160	1.222m	0.978
15)	B Endosulfa...	6.804	5.961	2718871	1787850	1.362m	1.243m
16)	A 4,4'-DDD	6.720	5.817	2235426	1465867	1.325	1.189
17)	MA 4,4'-DDT	7.033	6.068	2506894	1065477	1.363m	0.788 #
18)	B Endrin al...	6.934	6.142	1991995	1198929	1.317m	1.078
19)	B Endosulfa...	7.167	6.364	2390704	1534384	1.322m	1.106m
20)	A Methoxychlor	7.508	6.644	1398378	670882	1.422m	0.839 #
21)	B Endrin ke...	7.654	6.872	2585998	1461895	1.292	0.914 #
22)	Mirex	8.130	7.056	1825936	1547437	1.175	1.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:04
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

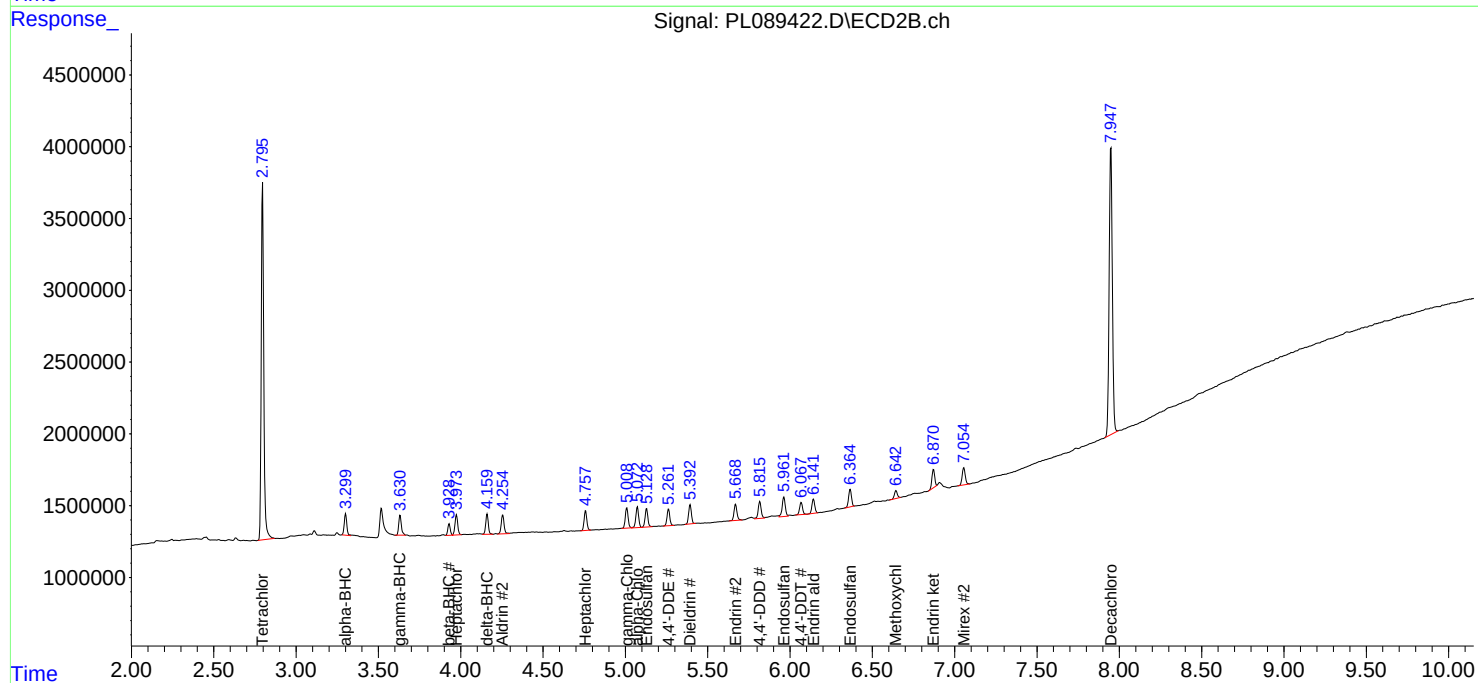
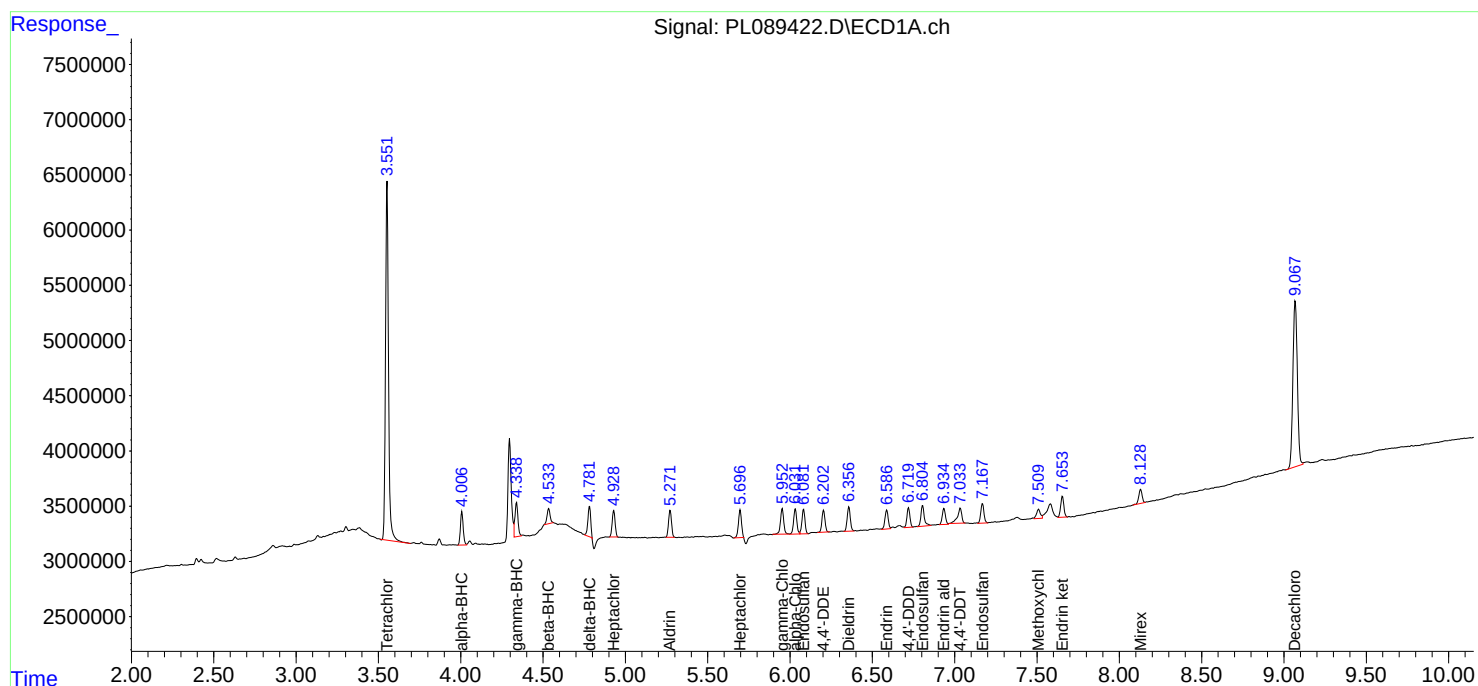
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

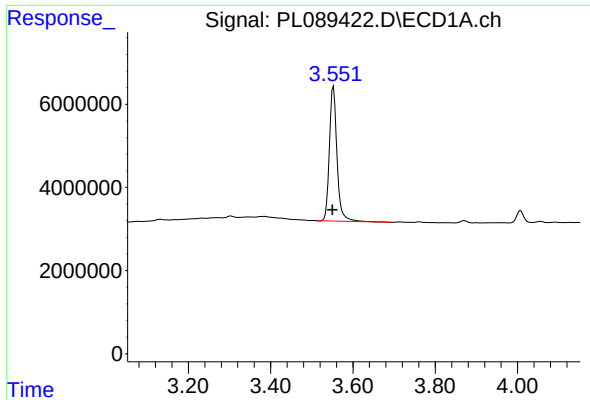
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:52:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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





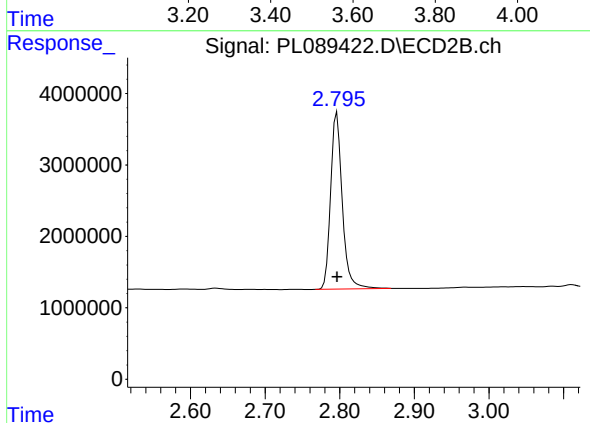
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.003 min
Response: 41396523
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

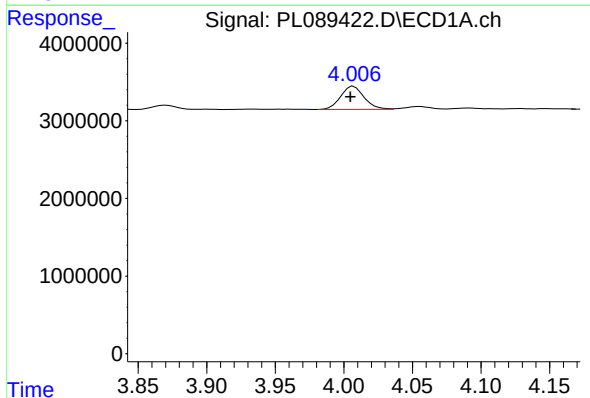
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



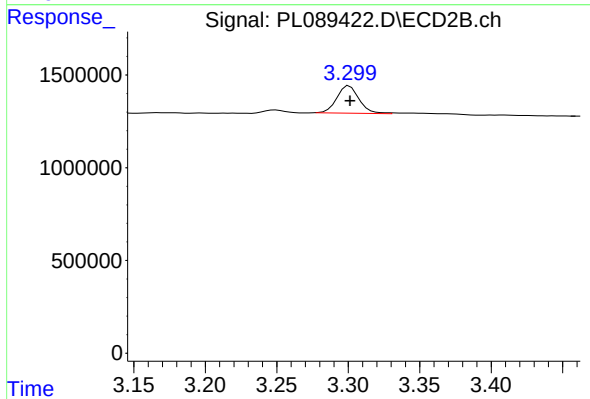
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26885662
Conc: 20.95 ng/ml



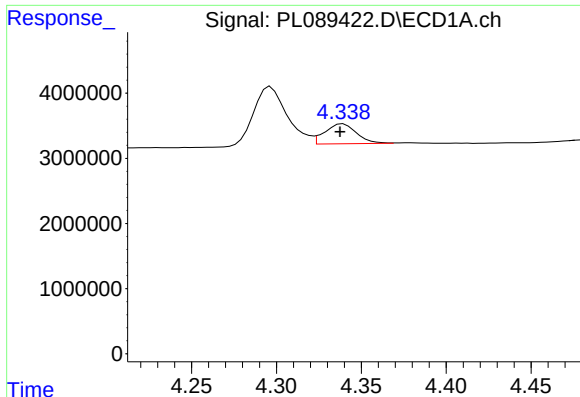
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 3557050
Conc: 1.25 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 1599835
Conc: 0.85 ng/ml m



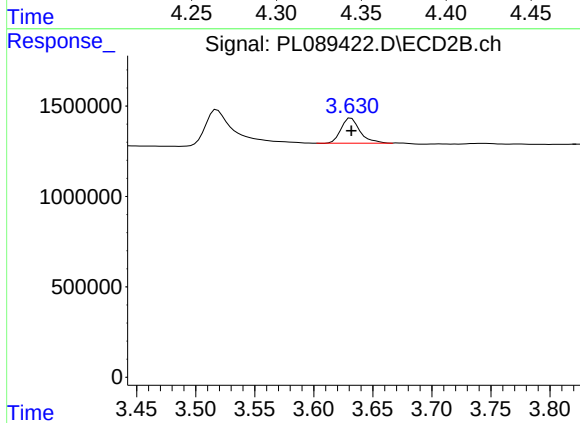
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 3858050
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

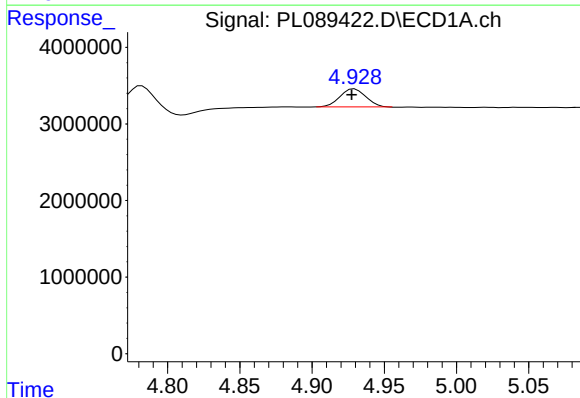
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



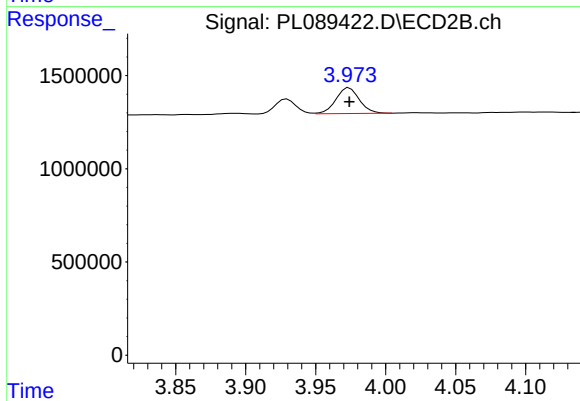
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1553046
Conc: 0.84 ng/ml



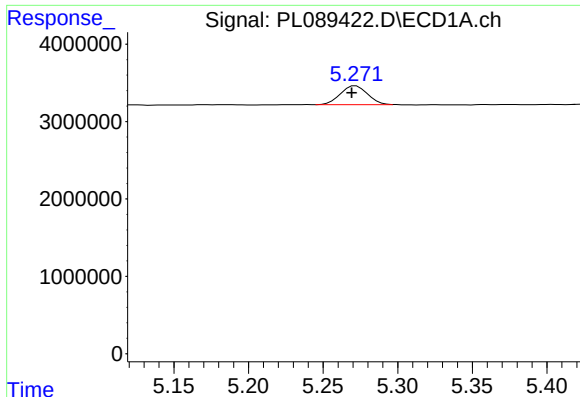
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 2929518
Conc: 1.18 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1606898
Conc: 0.92 ng/ml



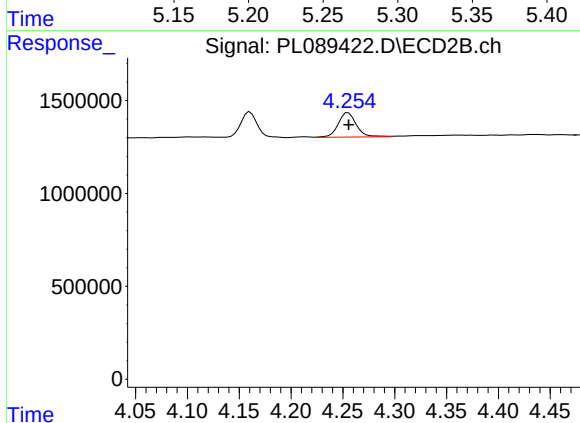
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 3111479
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

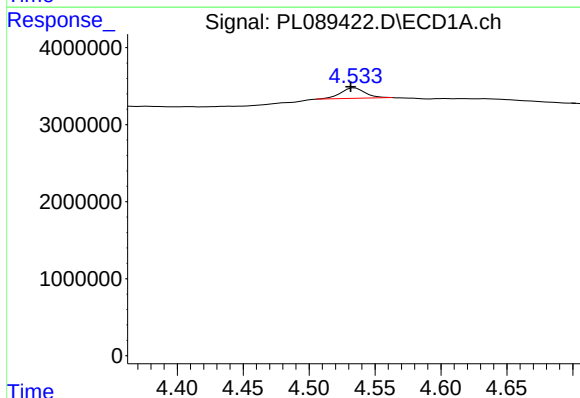
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



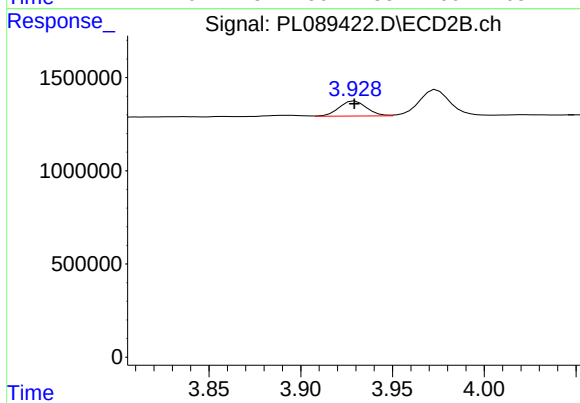
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1613617
Conc: 0.91 ng/ml



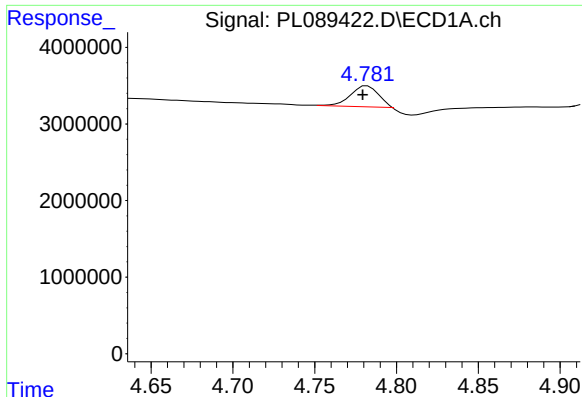
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 1772875
Conc: 1.41 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 841838
Conc: 1.03 ng/ml



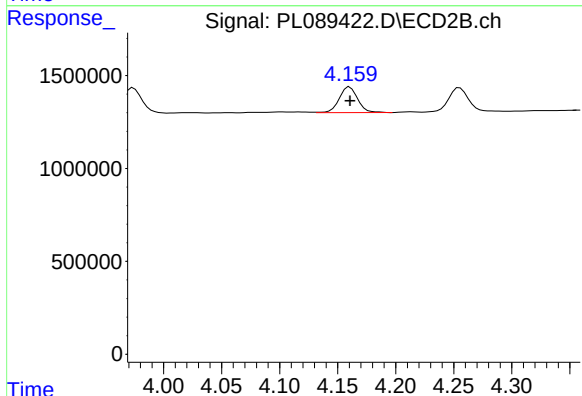
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 3260056
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

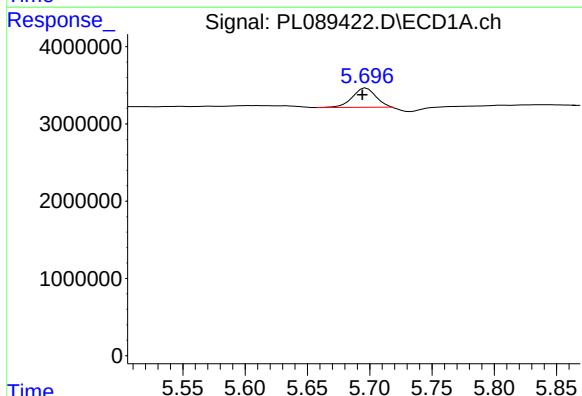
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



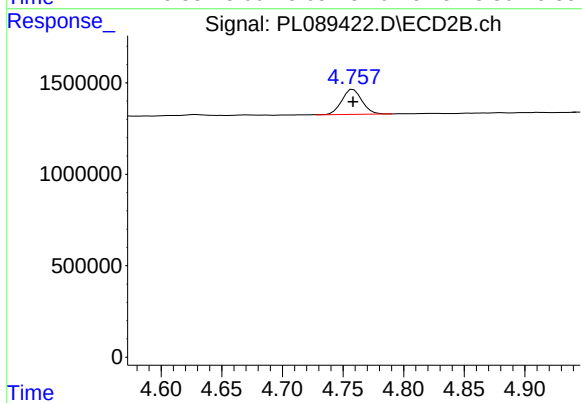
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 1545831
Conc: 0.86 ng/ml



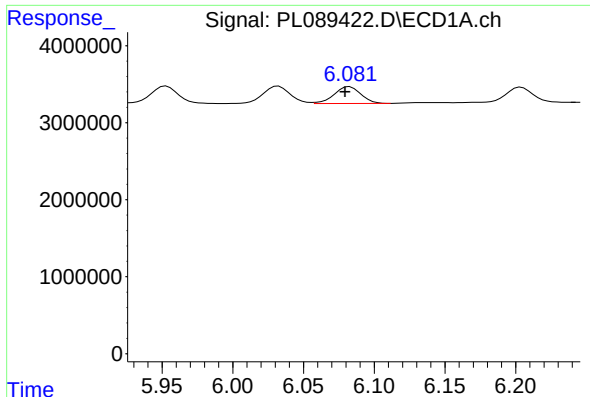
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 3277906
Conc: 1.40 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 1579403
Conc: 0.98 ng/ml m



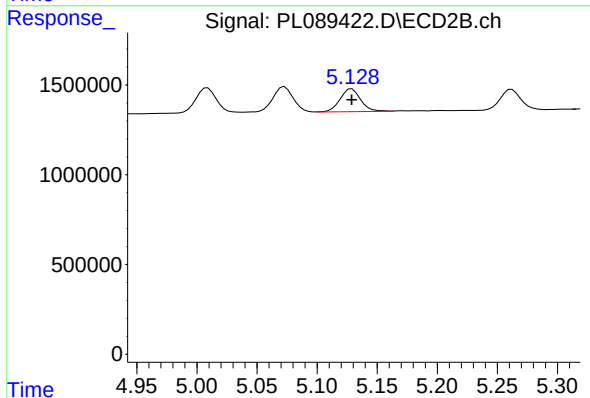
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 2880623
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

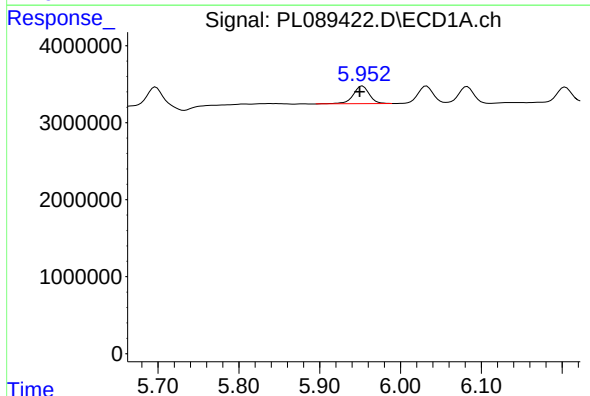
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



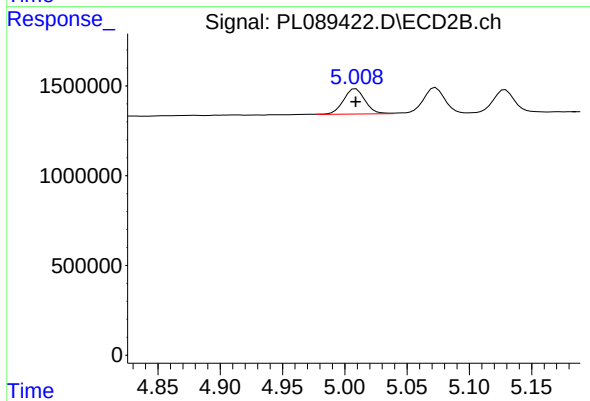
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1512806
Conc: 1.01 ng/ml



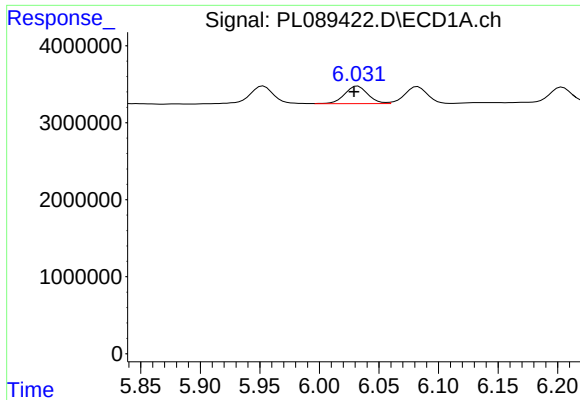
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 3168603
Conc: 1.39 ng/ml m



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 1695123
Conc: 1.03 ng/ml m



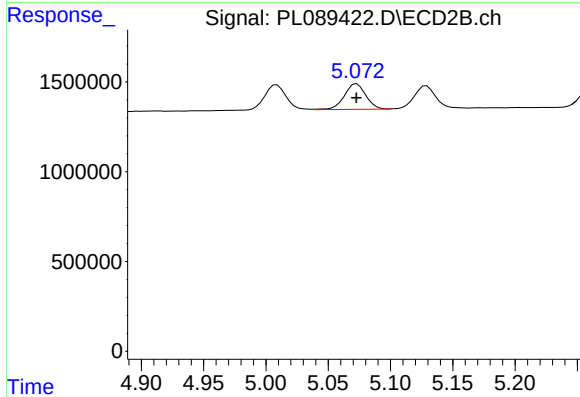
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 3128376
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

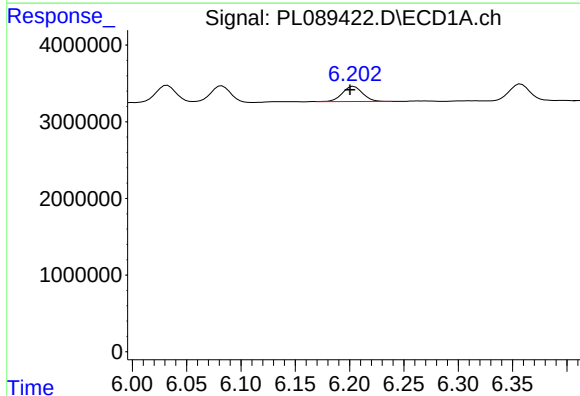
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



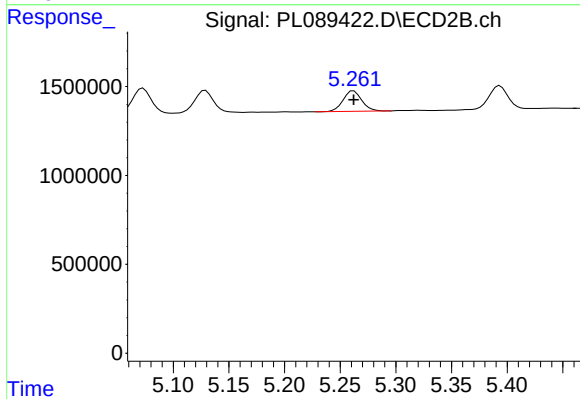
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1719568
Conc: 1.04 ng/ml



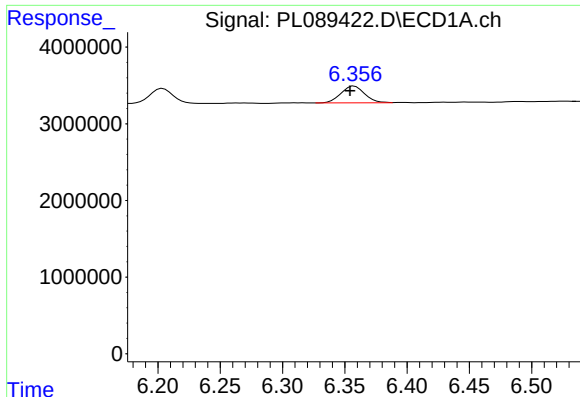
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.002 min
Response: 2555609
Conc: 1.26 ng/ml m



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1351406
Conc: 0.93 ng/ml



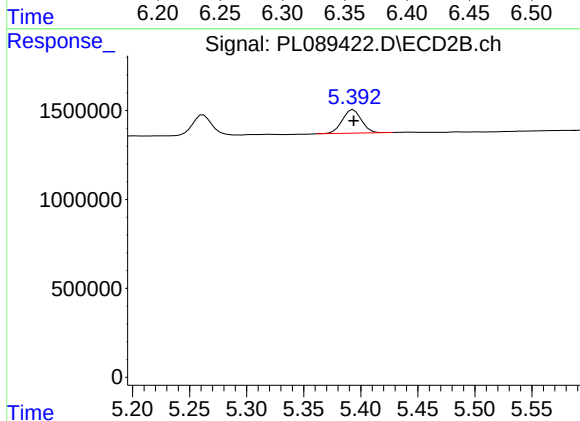
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 2920625
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

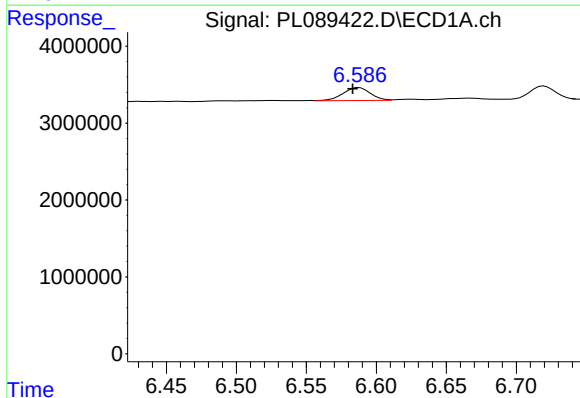
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



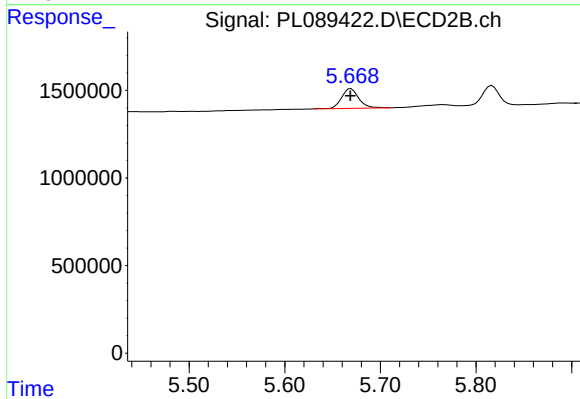
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 1551436
Conc: 0.96 ng/ml



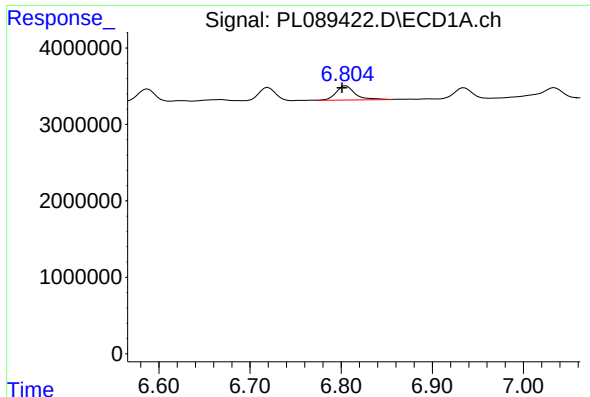
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 2315142
Conc: 1.22 ng/ml m



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 1406160
Conc: 0.98 ng/ml



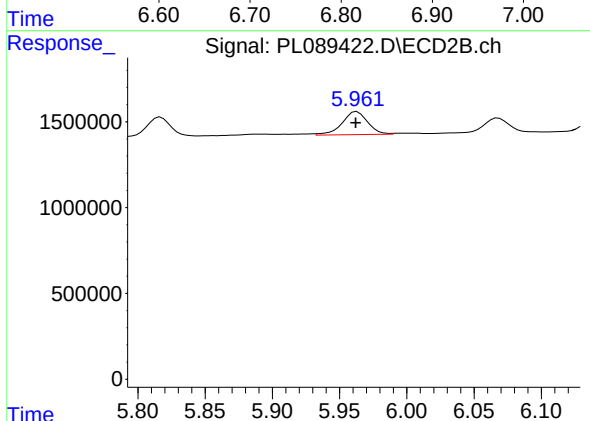
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2718871
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



#15 Endosulfan II

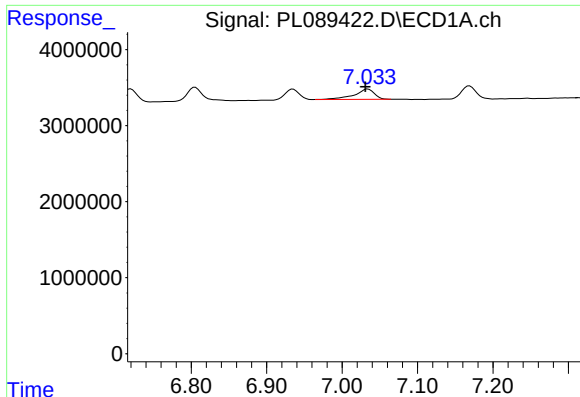
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 1787850
Conc: 1.24 ng/ml m

#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 2235426
Conc: 1.33 ng/ml

#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 1465867
Conc: 1.19 ng/ml



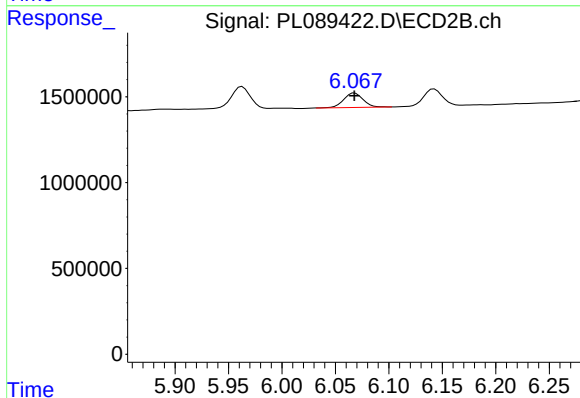
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 2506894
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

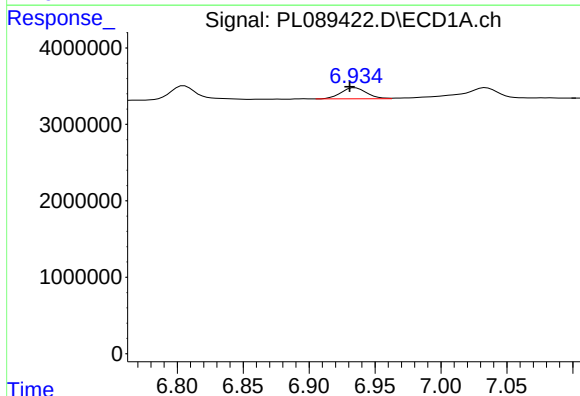
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



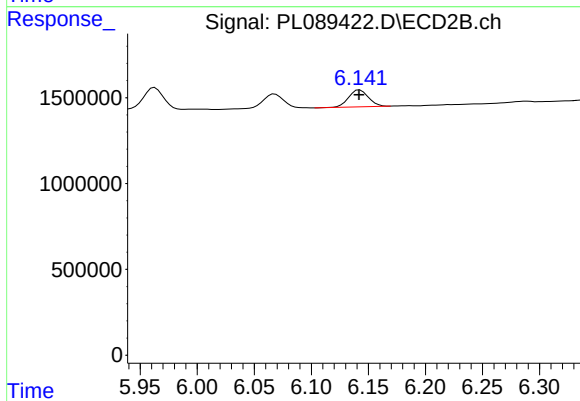
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1065477
Conc: 0.79 ng/ml



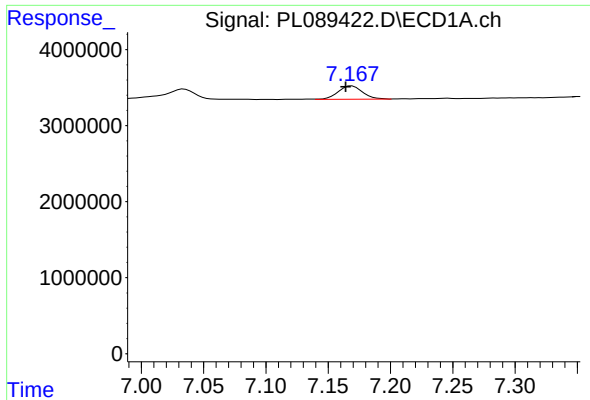
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 1991995
Conc: 1.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1198929
Conc: 1.08 ng/ml



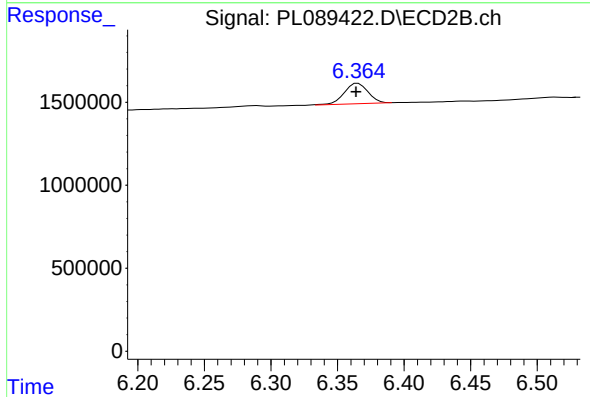
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 2390704
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

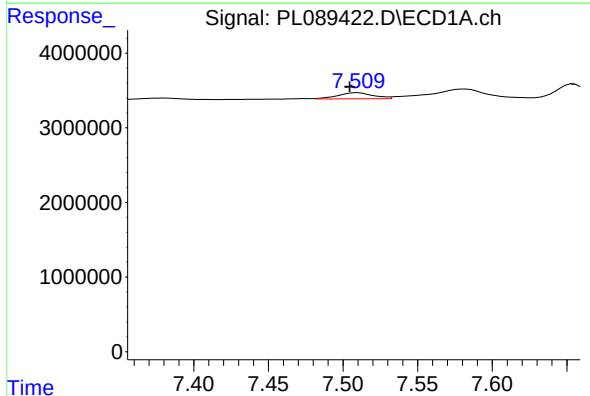
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



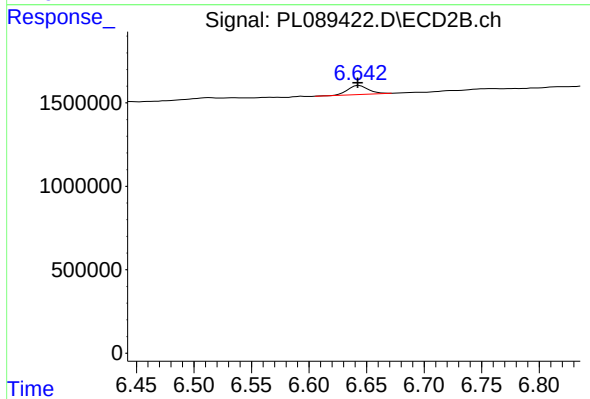
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 1534384
Conc: 1.11 ng/ml m



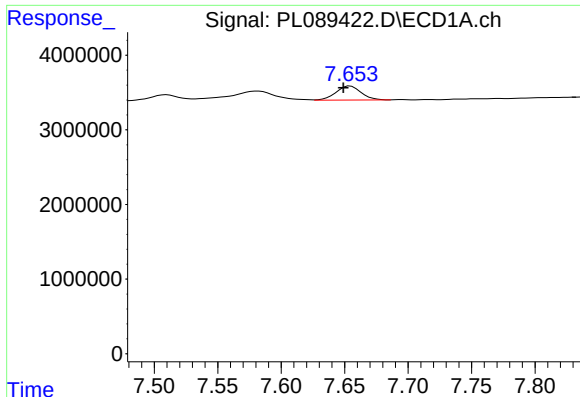
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 1398378
Conc: 1.42 ng/ml m



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 670882
Conc: 0.84 ng/ml



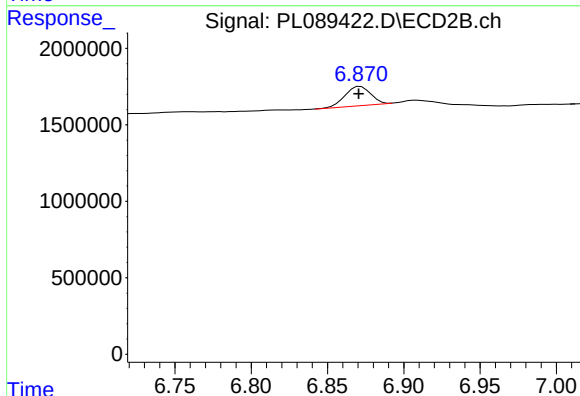
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.006 min
Response: 2585998
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

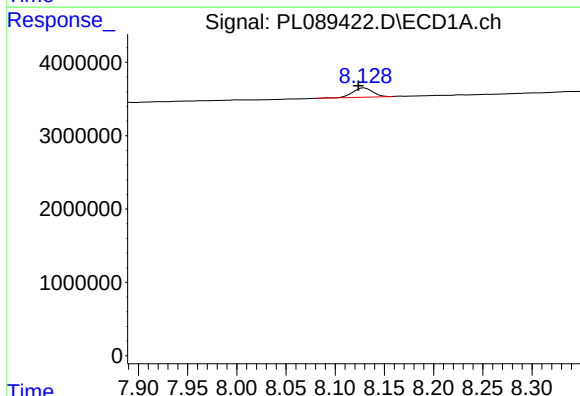
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



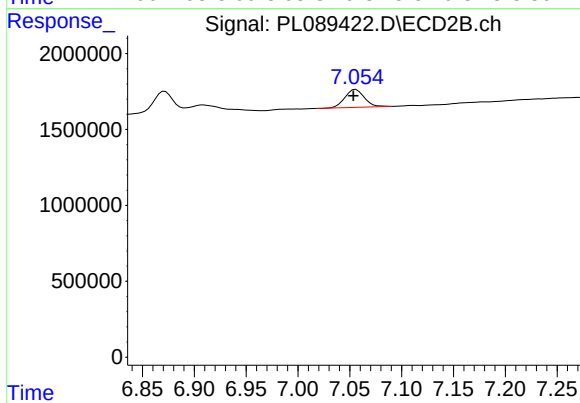
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 1461895
Conc: 0.91 ng/ml



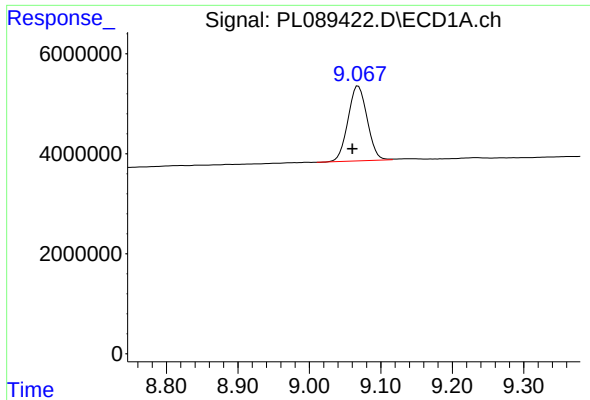
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.006 min
Response: 1825936
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 1547437
Conc: 1.13 ng/ml



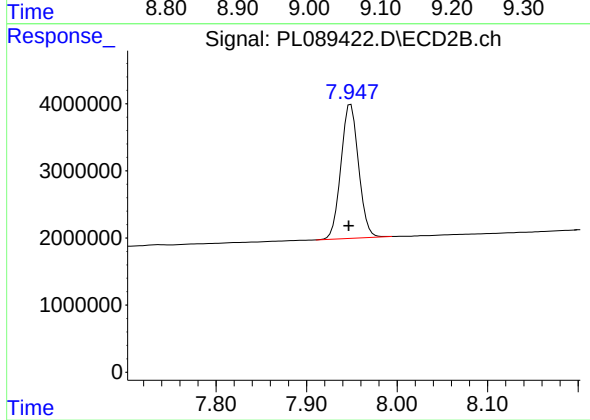
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.008 min
Response: 27967868
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26995740
Conc: 20.07 ng/ml