

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
 Data File : PL087973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 13:32
 Operator : AR\AJ
 Sample : P1187-03
 Misc : (Sig #1); PEST MDL 1PPB (Sig #2)
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2024
 Supervised By :Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:57:47 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	2.672	72045650	30320282	24.065	25.030
28)	SA Decachlor...	8.980	7.860	73791022	33121727	25.910	26.146
Target Compounds							
2)	A alpha-BHC	3.876	3.176	4217479	1654608	0.940	0.898
3)	MA gamma-BHC...	4.209	3.506	4411081	1674020	1.011	0.921
4)	MA Heptachlor	4.802	3.848	5285784	1672895	1.203	0.939
5)	MB Aldrin	5.145	4.128	4591021	1663261	1.071	0.942
6)	B beta-BHC	4.409	3.807	2314259	892438	1.244m	1.167m
7)	B delta-BHC	4.655	4.038	5027913	1535781	1.195m	0.885 #
8)	B Heptachlo...	5.575	4.636	4669383	1779029	1.219m	1.116
9)	A Endosulfan I	5.963	5.007	4792694	1638737	1.329	1.059
10)	B gamma-Chl...	5.833	4.890	4890698	1890832	1.265m	1.171
11)	B alpha-Chl...	5.914	4.952	4772073	1823233	1.242m	1.099m
12)	B 4,4'-DDE	6.096	5.152	3809993	1323298	1.192	0.984
13)	MA Dieldrin	6.241	5.275	4378967	1680203	1.176	1.057
14)	MA Endrin	6.471	5.550	3886851	1573523	1.237	1.110
15)	B Endosulfa...	6.692	5.848	4397000	1470611	1.371	1.074
16)	A 4,4'-DDD	6.615	5.710	2687077	1146132	1.042m	1.016
17)	MA 4,4'-DDT	6.933	5.963	3510913	1302693	1.228	1.047
18)	B Endrin al...	6.825	6.030	3099265	1391515	1.232	1.197
19)	B Endosulfa...	7.062	6.256	3801719	1532981	1.243	1.168
20)	A Methoxychlor	7.419	6.549	2256179	893085	1.390	1.213
21)	B Endrin ke...	7.547	6.761	4031812	1653668	1.240	1.079
22)	Mirex	8.026	6.943	4057138	1879290	1.447	1.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
Data File : PL087973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jan 2024 13:32
Operator : AR\AJ
Sample : P1187-03
Misc : (Sig #1); PEST MDL 1PPB (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

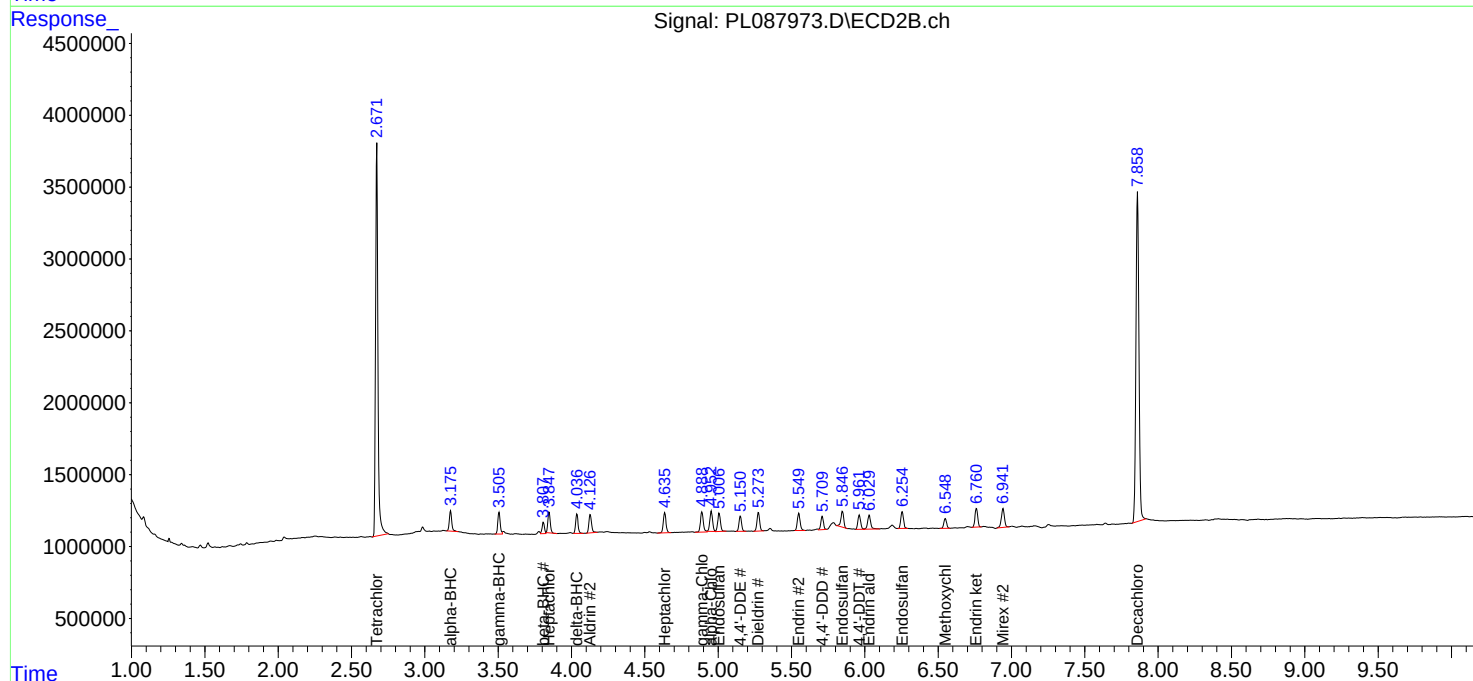
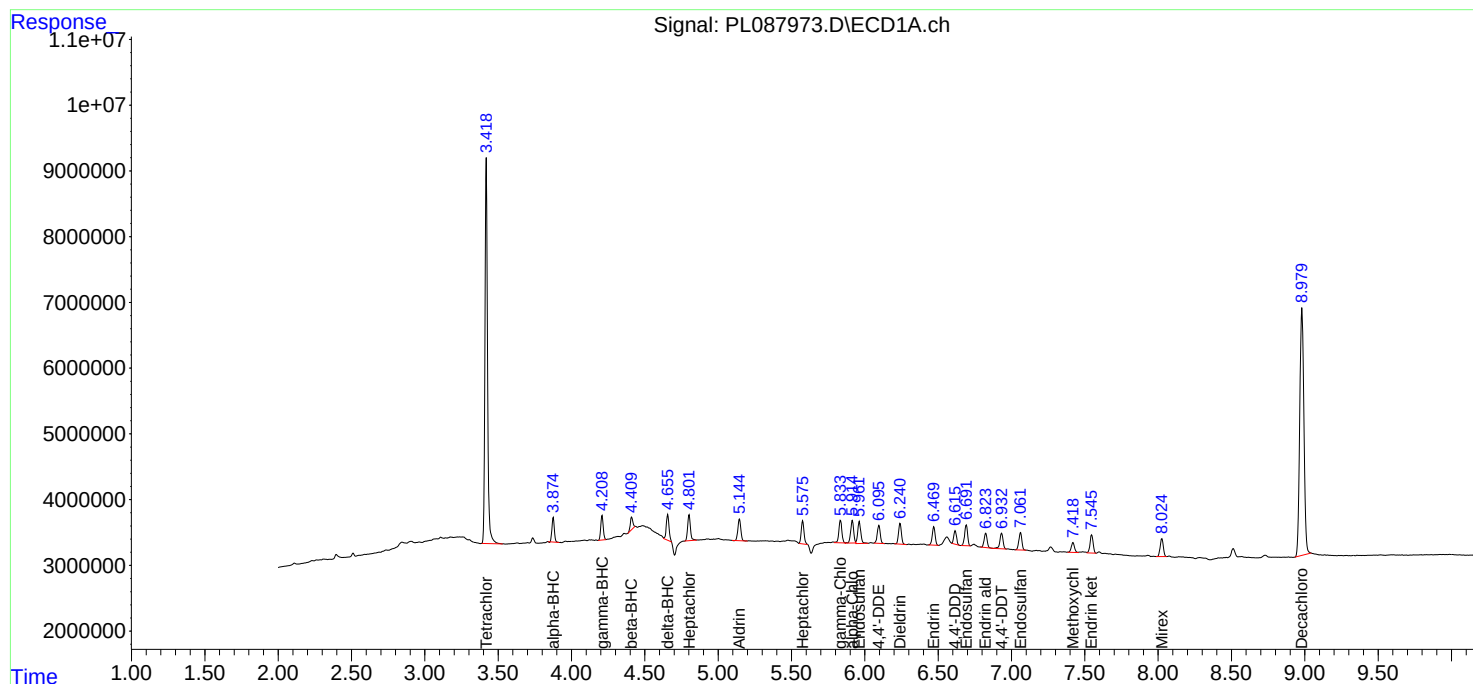
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

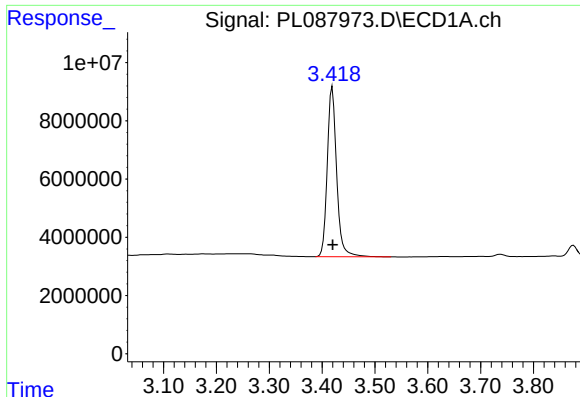
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/29/2024
Supervised By : Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 20:57:47 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





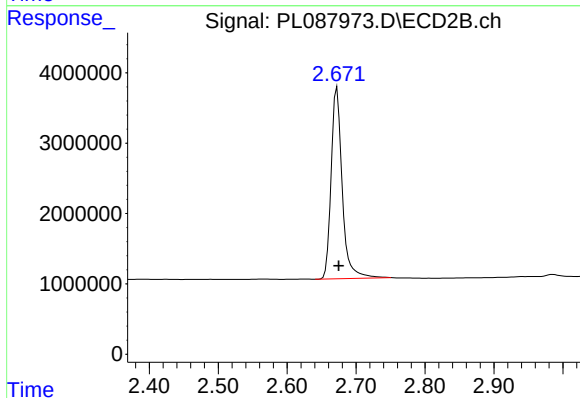
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 72045650
Conc: 24.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

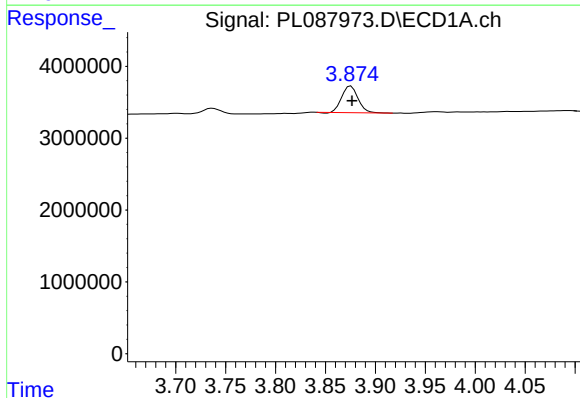
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



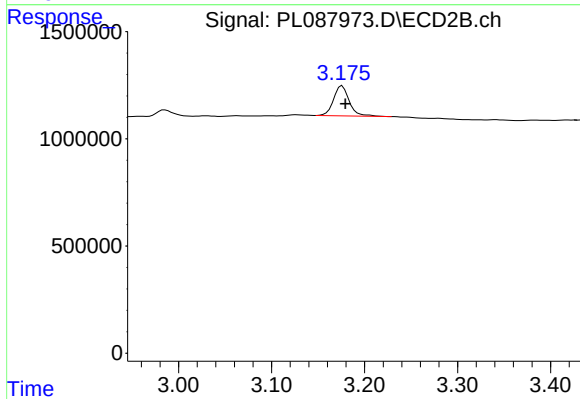
#1 Tetrachloro-m-xylene

R.T.: 2.672 min
Delta R.T.: -0.003 min
Response: 30320282
Conc: 25.03 ng/ml



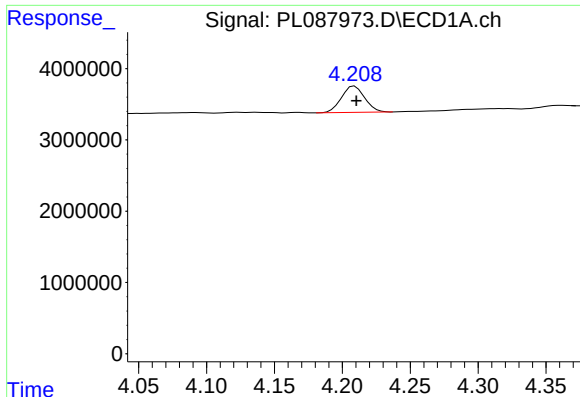
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 4217479
Conc: 0.94 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 1654608
Conc: 0.90 ng/ml



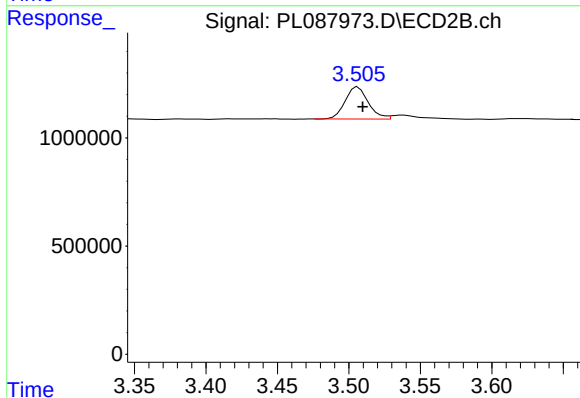
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 4411081
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

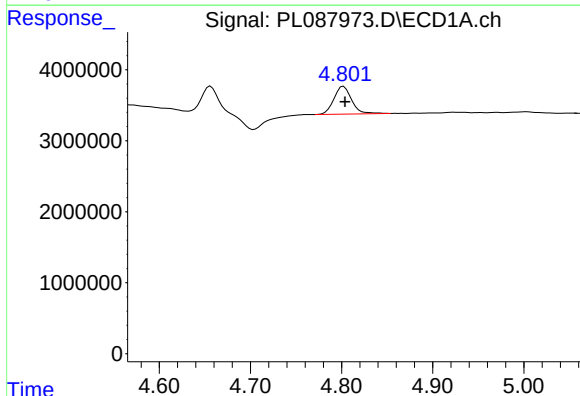
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



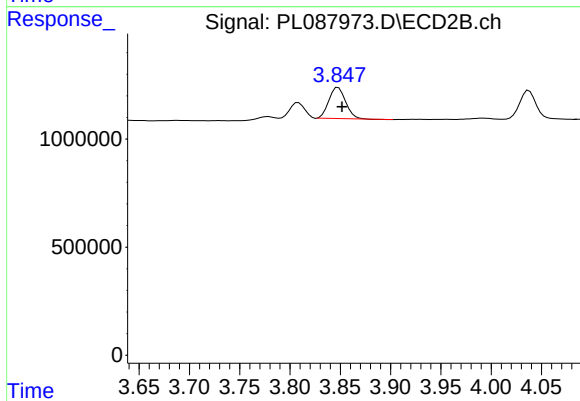
#3 gamma-BHC (Lindane)

R.T.: 3.506 min
Delta R.T.: -0.003 min
Response: 1674020
Conc: 0.92 ng/ml



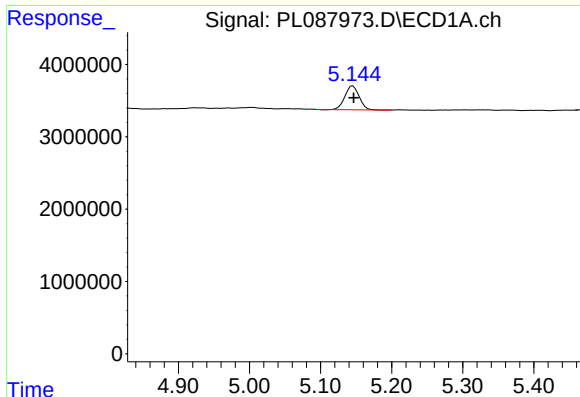
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 5285784
Conc: 1.20 ng/ml



#4 Heptachlor

R.T.: 3.848 min
Delta R.T.: -0.004 min
Response: 1672895
Conc: 0.94 ng/ml



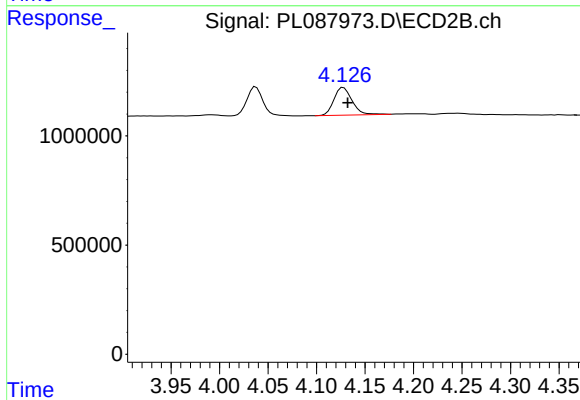
#5 Aldrin

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 4591021
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

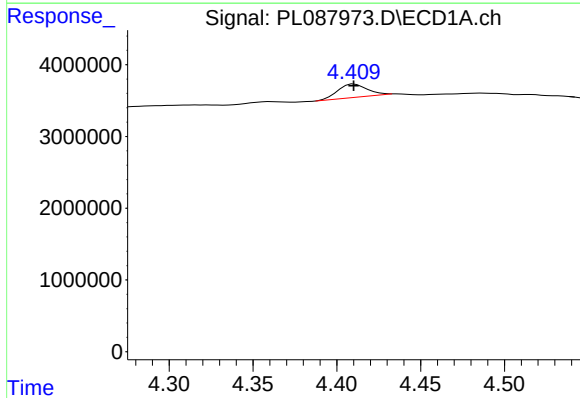
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



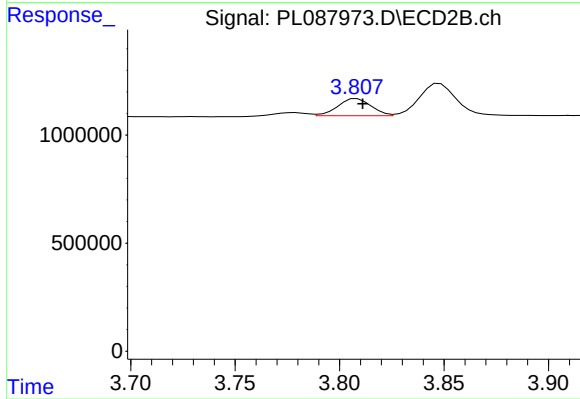
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 1663261
Conc: 0.94 ng/ml



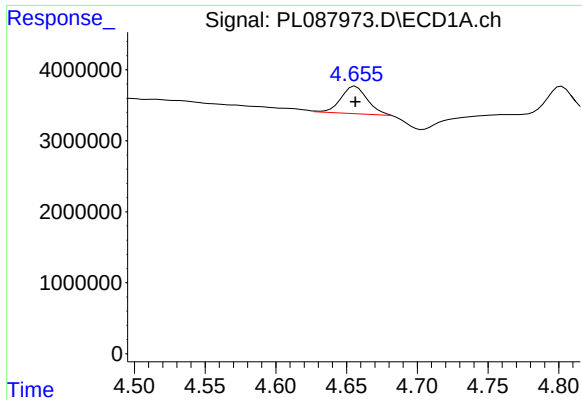
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 2314259
Conc: 1.24 ng/ml m



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: -0.004 min
Response: 892438
Conc: 1.17 ng/ml m



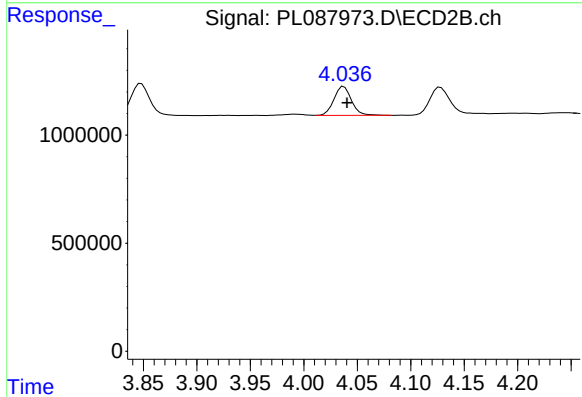
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 5027913
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

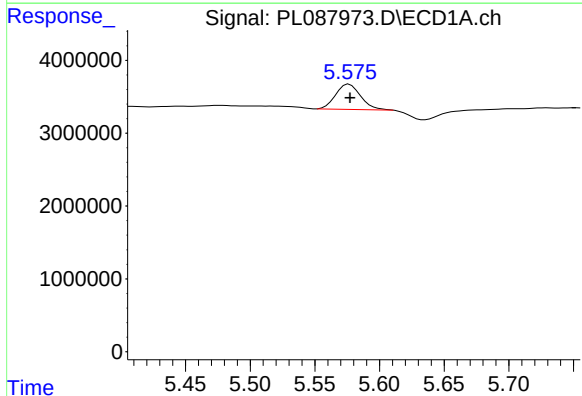
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



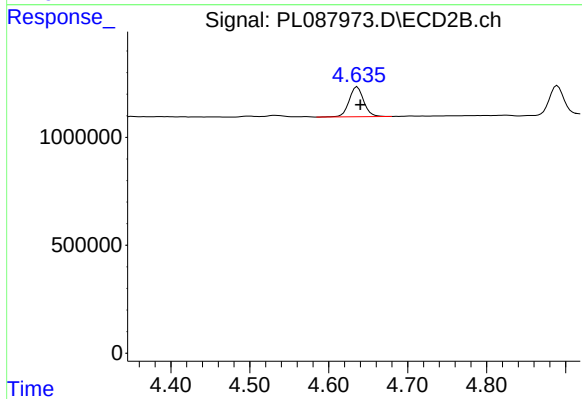
#7 delta-BHC

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 1535781
Conc: 0.88 ng/ml



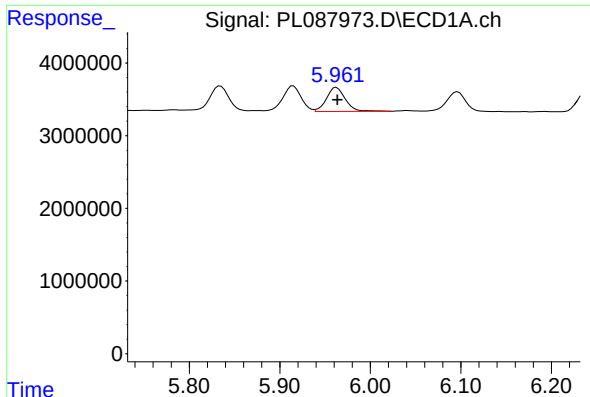
#8 Heptachlor epoxide

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 4669383
Conc: 1.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.636 min
Delta R.T.: -0.004 min
Response: 1779029
Conc: 1.12 ng/ml



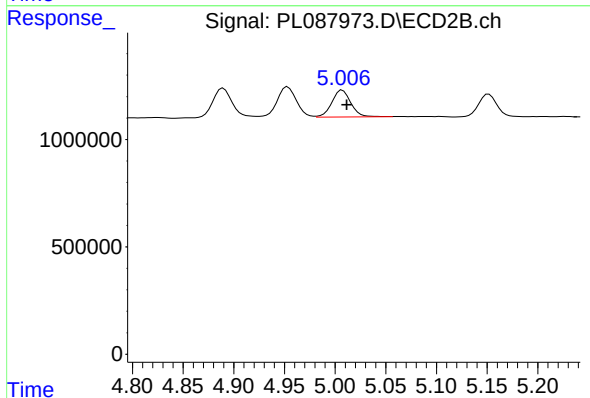
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 4792694
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

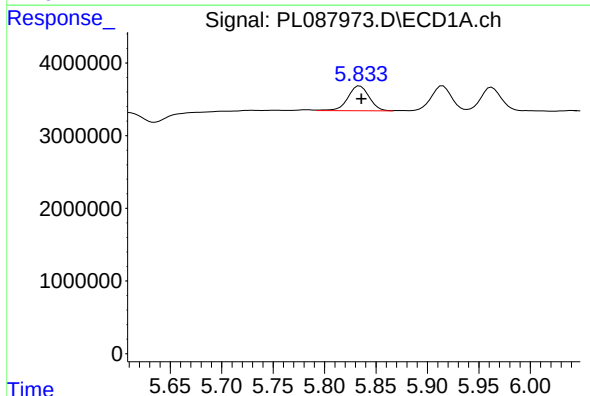
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



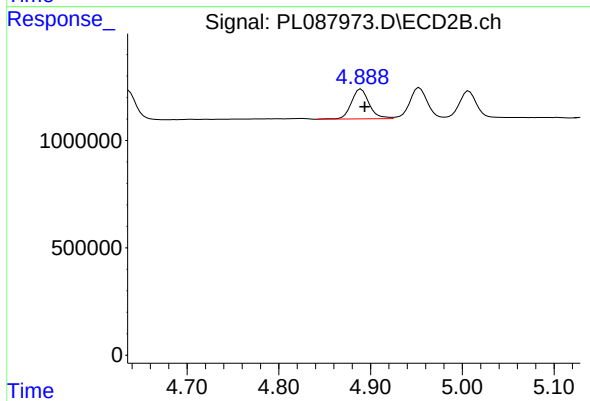
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.004 min
Response: 1638737
Conc: 1.06 ng/ml



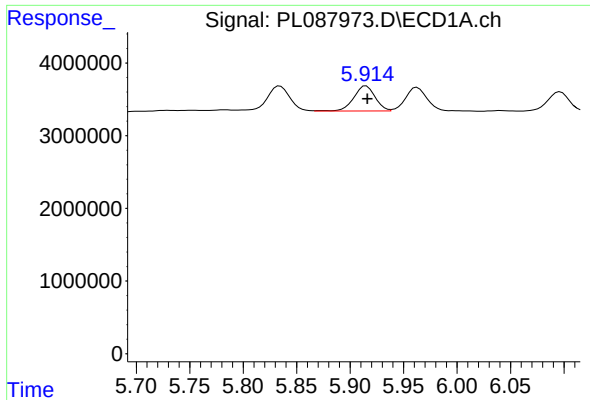
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 4890698
Conc: 1.27 ng/ml m



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 1890832
Conc: 1.17 ng/ml



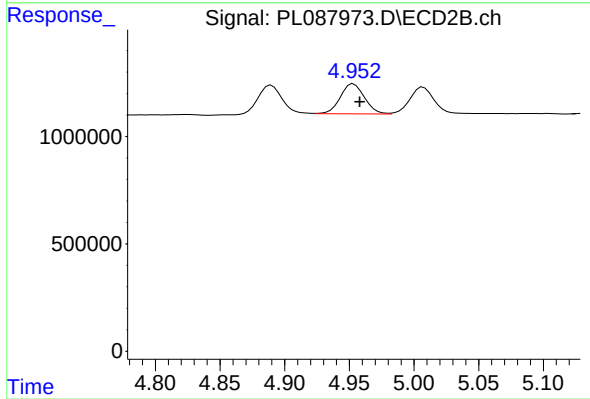
#11 alpha-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 4772073
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

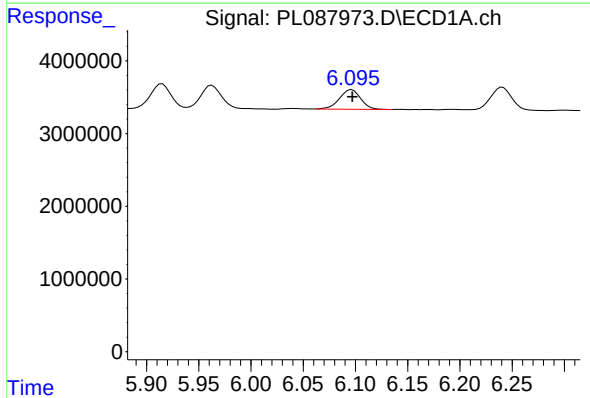
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



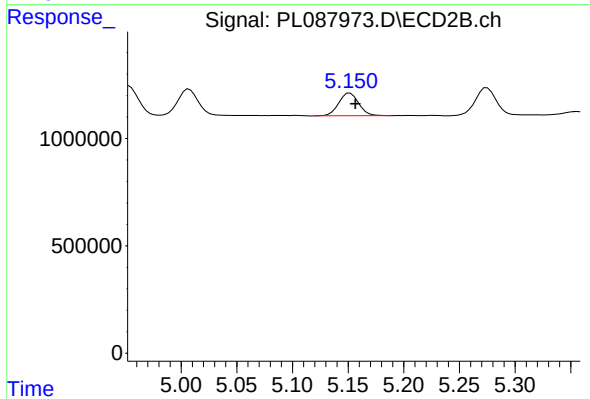
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 1823233
Conc: 1.10 ng/ml m



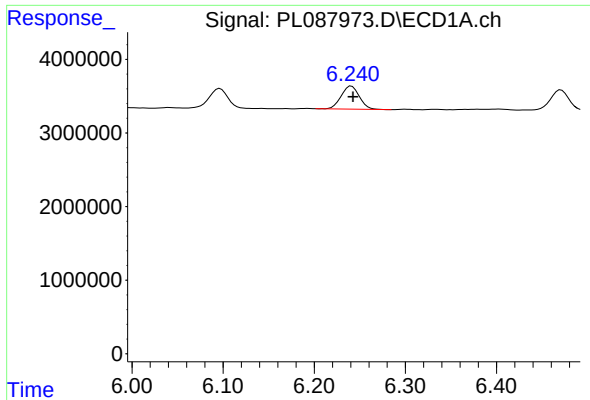
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 3809993
Conc: 1.19 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 1323298
Conc: 0.98 ng/ml



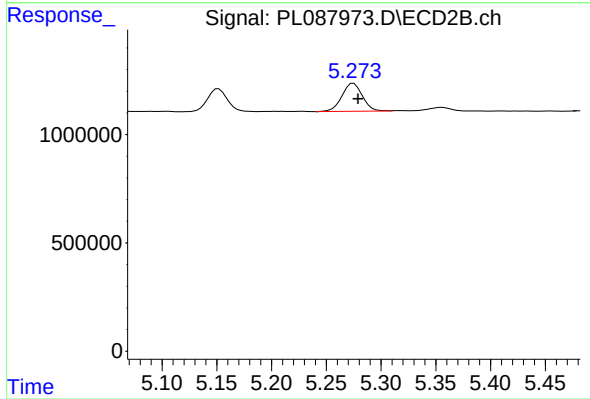
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 4378967
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

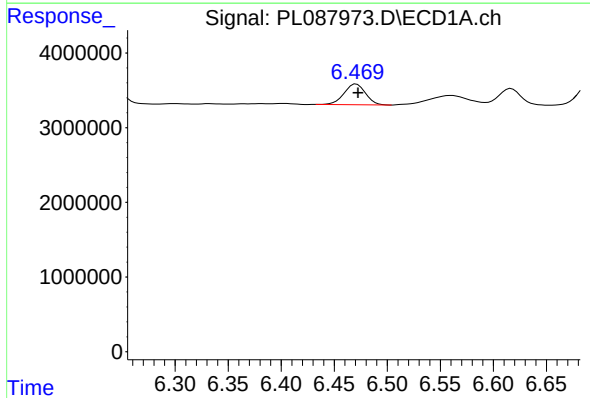
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



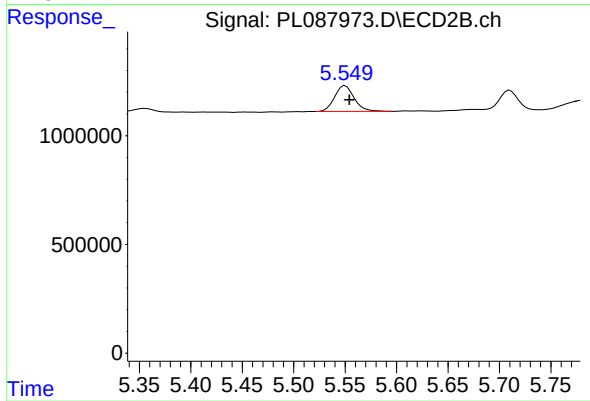
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 1680203
Conc: 1.06 ng/ml



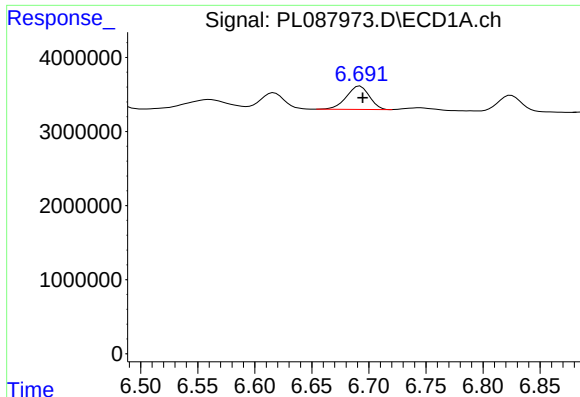
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 3886851
Conc: 1.24 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 1573523
Conc: 1.11 ng/ml



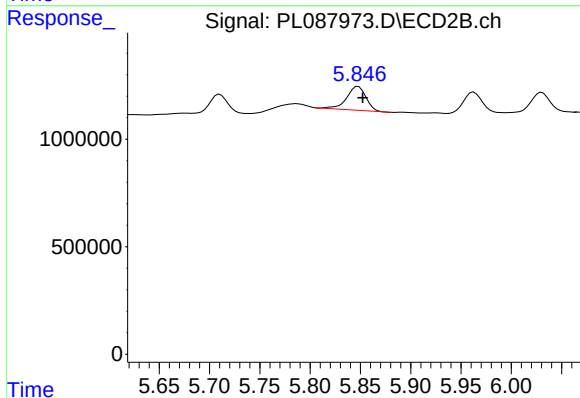
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 4397000
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

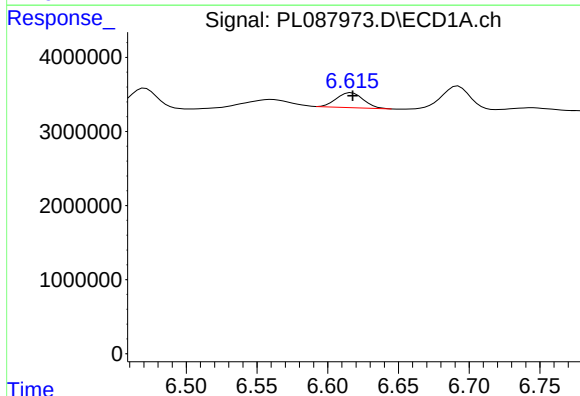
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



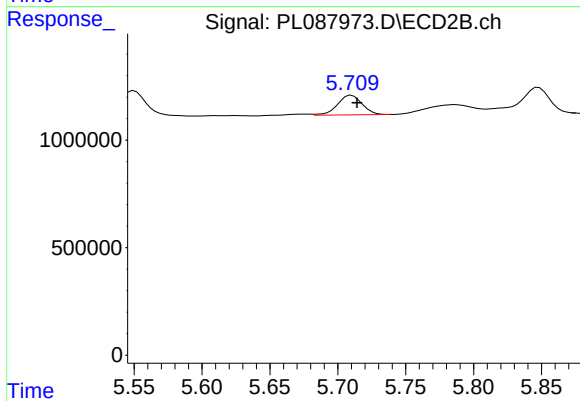
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 1470611
Conc: 1.07 ng/ml



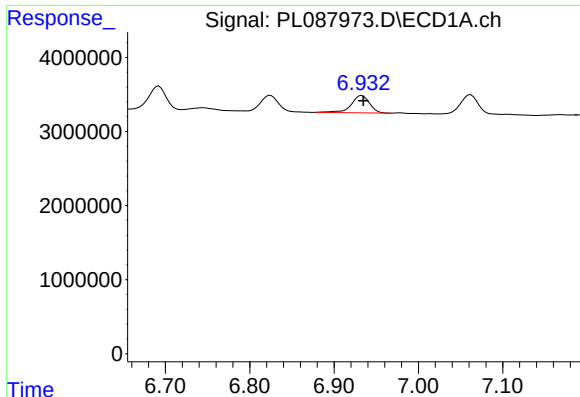
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2687077
Conc: 1.04 ng/ml m



#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 1146132
Conc: 1.02 ng/ml



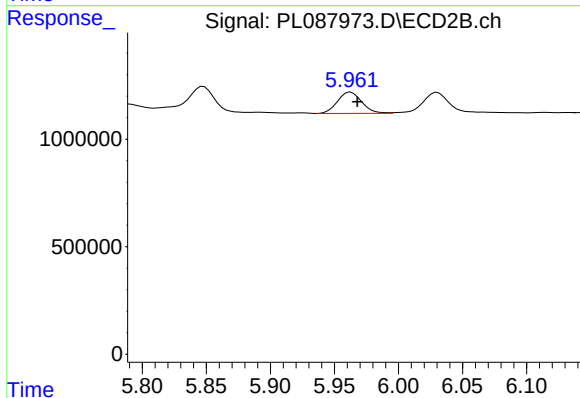
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 3510913
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



#17 4,4'-DDT

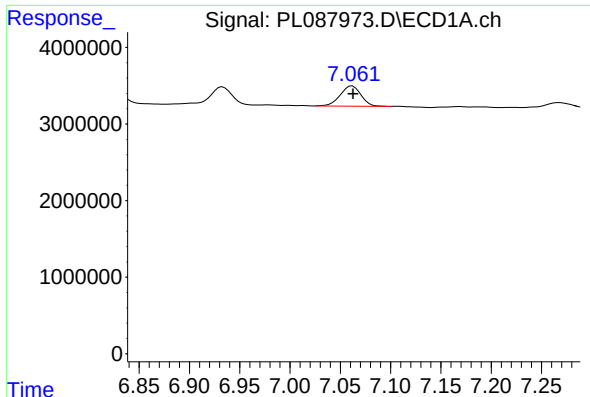
R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 1302693
Conc: 1.05 ng/ml

#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 3099265
Conc: 1.23 ng/ml

#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 1391515
Conc: 1.20 ng/ml



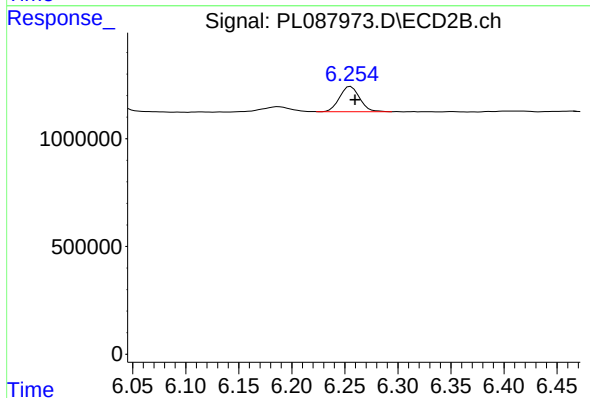
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 3801719
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

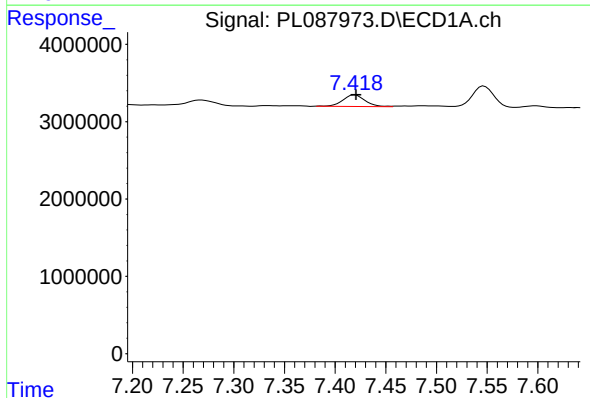
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



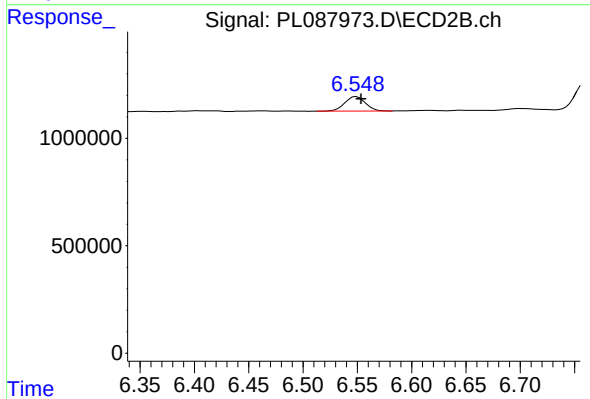
#19 Endosulfan Sulfate

R.T.: 6.256 min
Delta R.T.: -0.004 min
Response: 1532981
Conc: 1.17 ng/ml



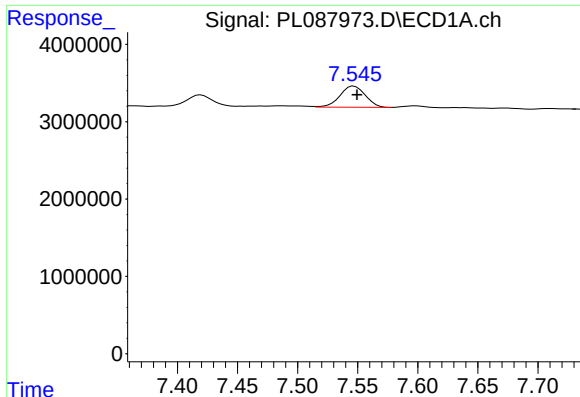
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.001 min
Response: 2256179
Conc: 1.39 ng/ml



#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 893085
Conc: 1.21 ng/ml



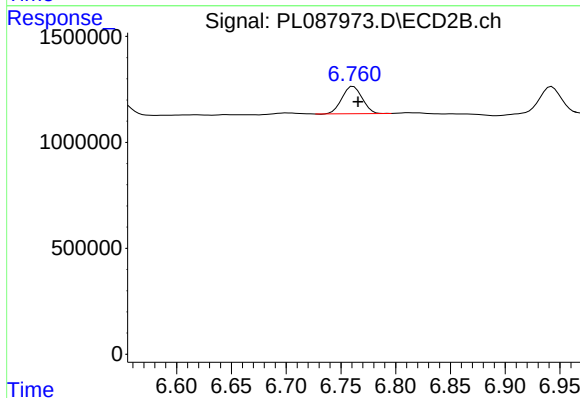
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 4031812
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

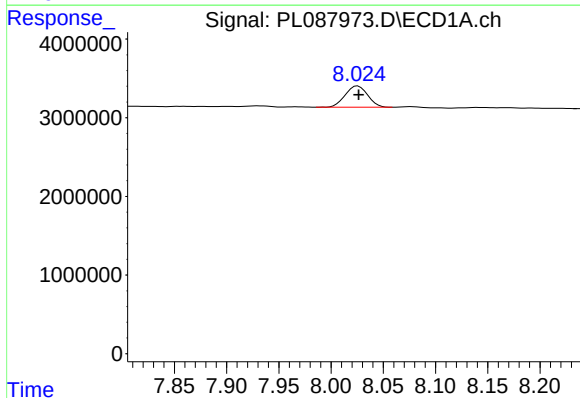
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



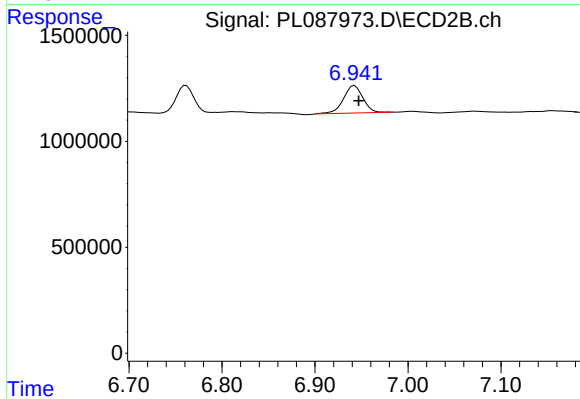
#21 Endrin ketone

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 1653668
Conc: 1.08 ng/ml



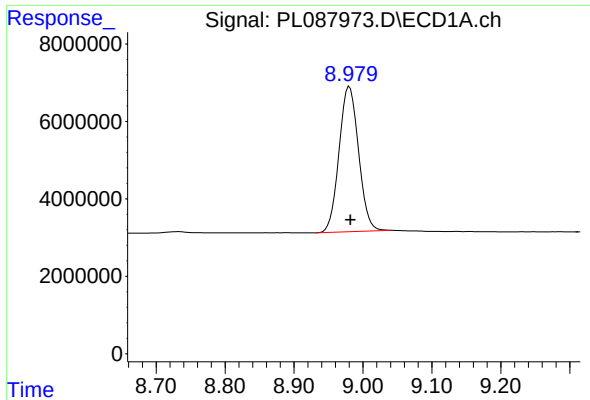
#22 Mirex

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 4057138
Conc: 1.45 ng/ml



#22 Mirex

R.T.: 6.943 min
Delta R.T.: -0.004 min
Response: 1879290
Conc: 1.40 ng/ml



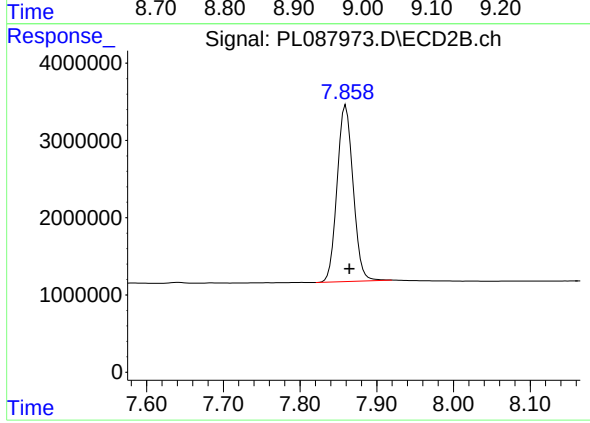
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 73791022
Conc: 25.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2024
Supervised By :Ankita Jodhani 01/29/2024



#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.005 min
Response: 33121727
Conc: 26.15 ng/ml