

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
 Data File : PL092818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2024 11:12
 Operator : AR\AJ
 Sample : P4495-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/05/2024
 Supervised By :Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:09:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.548	2.778	54514127	52900970	22.249	19.441m
28)	SA Decachlor...	9.064	7.919	35540208	52458321	18.467	19.221
Target Compounds							
2)	A alpha-BHC	4.005	3.283	2127.0E6	2630.7E6	627.148	659.304
3)	MA gamma-BHC...	4.338	3.612	1209.1E6	1577.3E6	370.929	408.676
4)	MA Heptachlor	4.925	3.951	2275.1E6	2966.2E6	757.567m	785.965
5)	MB Aldrin	5.268	4.231	733.5E6	1025.8E6	244.378	280.252
6)	B beta-BHC	4.535	3.912	1033.4E6	1352.0E6	714.923	821.254
7)	B delta-BHC	4.782	4.141	2483.2E6	3164.5E6	793.399	823.422
8)	B Heptachlo...	5.694	4.733	624.5E6	874.7E6	226.162	261.768
9)	A Endosulfan I	6.079	5.104	257.7E6	356.6E6	103.016	116.800
10)	B gamma-Chl...	5.950	4.984	1657.8E6	2407.9E6	623.073	716.275
11)	B alpha-Chl...	6.029	5.047	542.8E6	799.9E6	204.960	240.512
12)	B 4,4'-DDE	6.202	5.236	2085.0E6	3168.0E6	880.062	983.370
13)	MA Dieldrin	6.354	5.368	2288.4E6	3171.7E6	868.290	949.531
14)	MA Endrin	6.584	5.644	237.4E6	380.4E6	104.292	131.481 #
15)	B Endosulfa...	6.803	5.938	928.8E6	1335.9E6	389.635	471.521
16)	A 4,4'-DDD	6.719	5.791	1042.4E6	1586.2E6	543.069	637.015
17)	MA 4,4'-DDT	7.033	6.042	530.1E6	854.0E6	256.134	318.371
18)	B Endrin al...	6.932	6.118	129.9E6	186.9E6	69.145	81.020
19)	B Endosulfa...	7.167	6.341	305.6E6	447.8E6	140.806	166.058
20)	A Methoxychlor	7.508	6.617	127.1E6	168.6E6	111.501	118.039
21)	B Endrin ke...	7.652	6.846	1132.4E6	1579.7E6	467.404	514.750

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
Data File : PL092818.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2024 11:12
Operator : AR\AJ
Sample : P4495-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

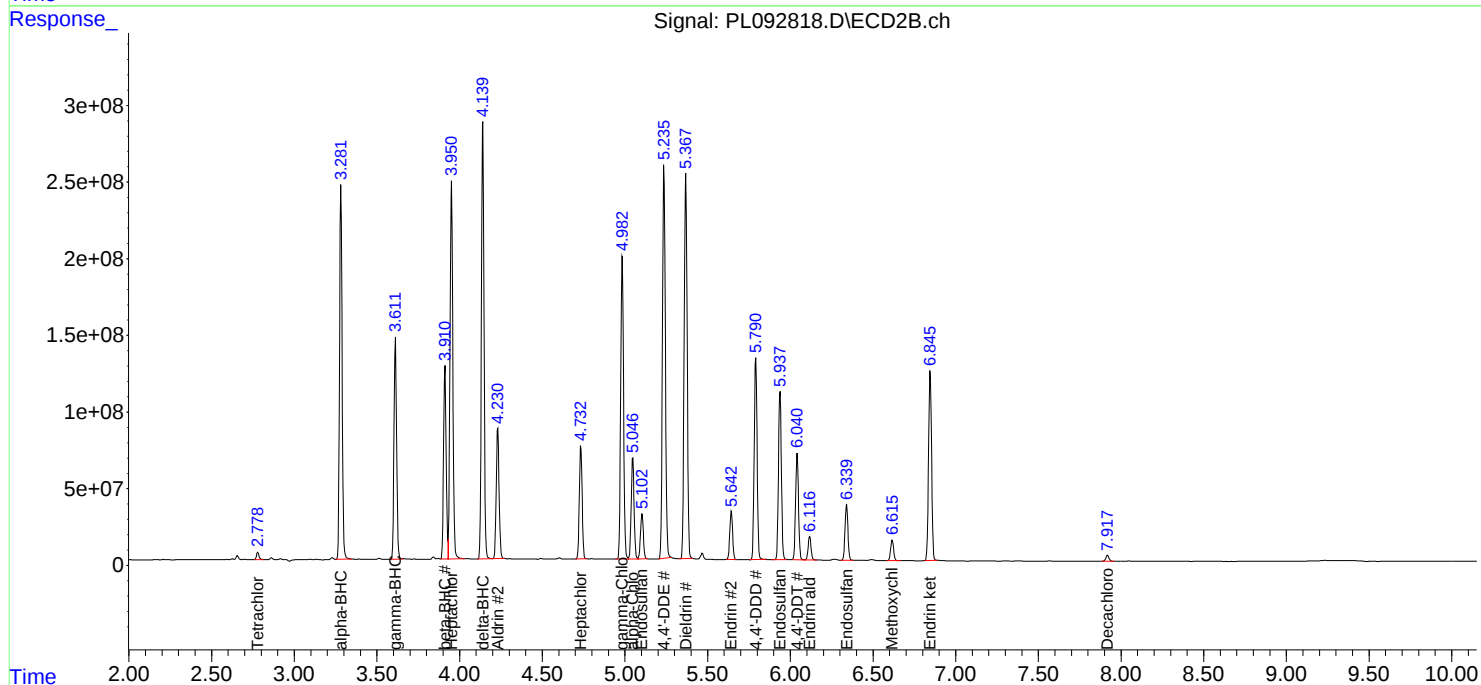
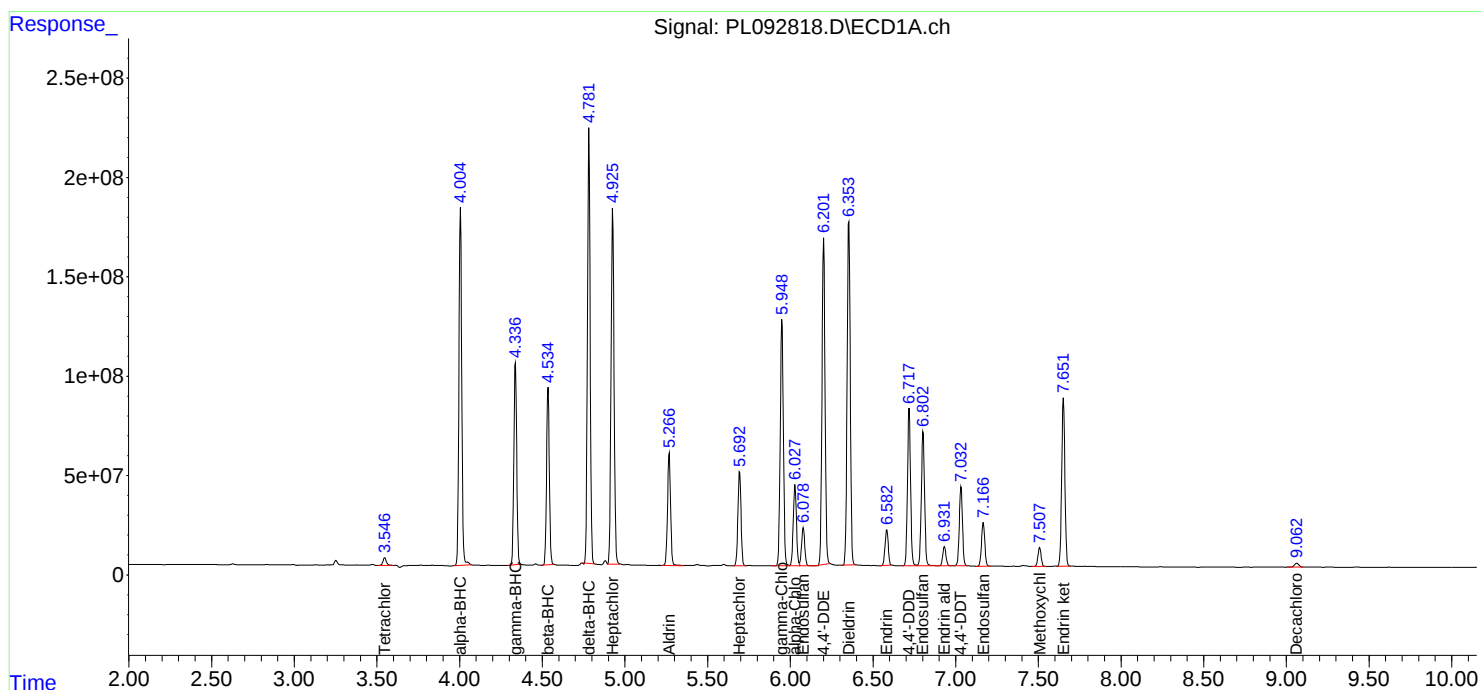
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

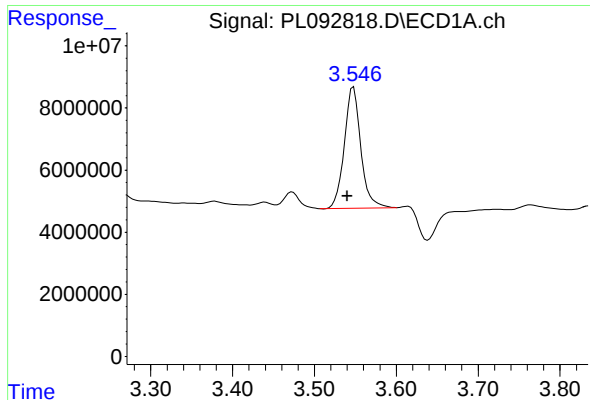
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:09:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





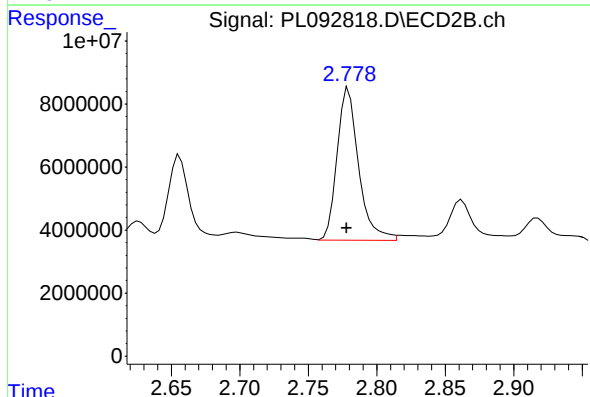
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 54514127
Conc: 22.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

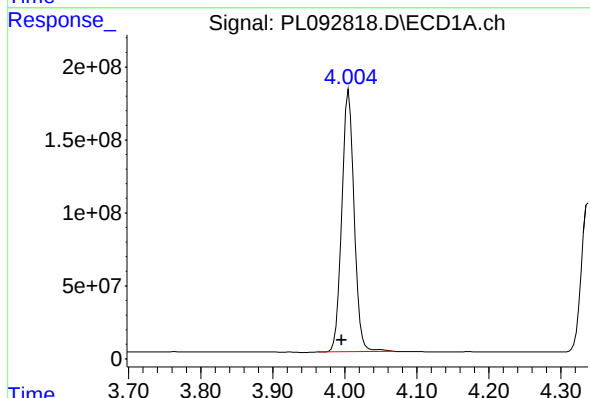
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



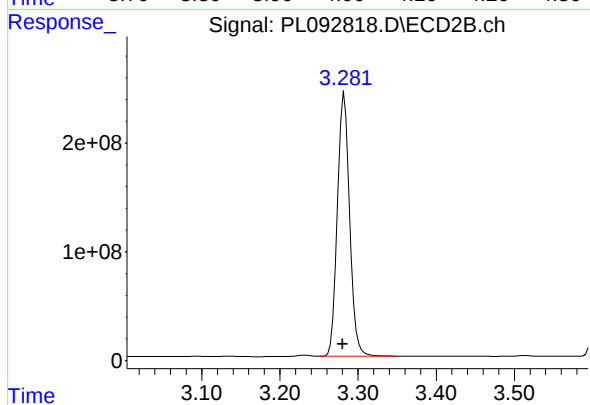
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 52900970
Conc: 19.44 ng/ml m



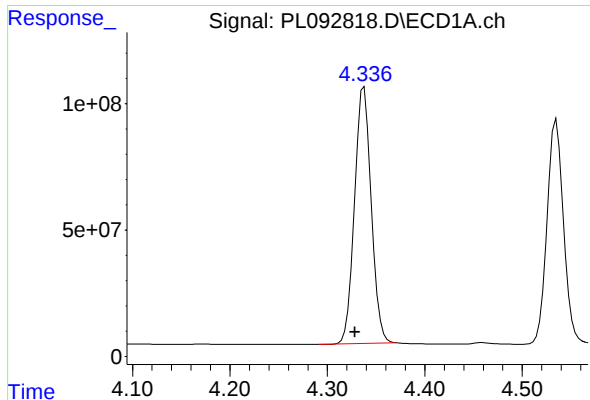
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.010 min
Response: 2127016933
Conc: 627.15 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: 0.002 min
Response: 2630735865
Conc: 659.30 ng/ml



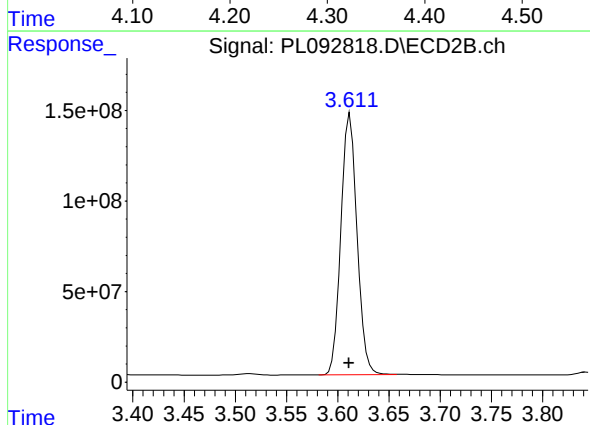
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.009 min
Response: 1209065980
Conc: 370.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

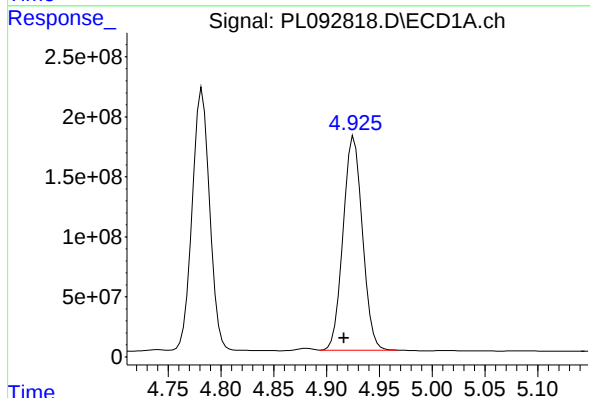
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



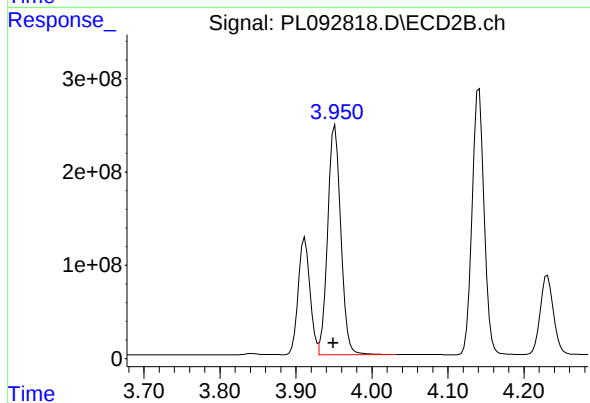
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.001 min
Response: 1577264976
Conc: 408.68 ng/ml



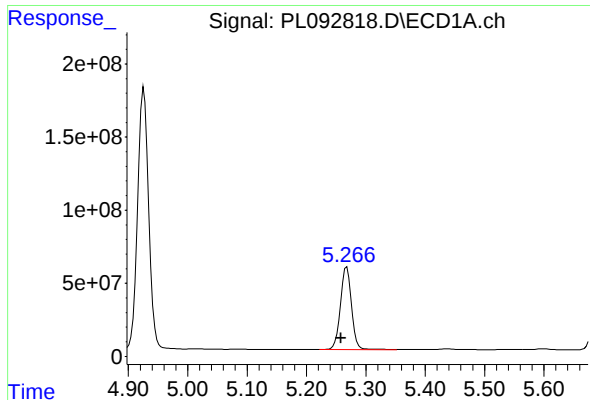
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.008 min
Response: 2275061664
Conc: 757.57 ng/ml m



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.002 min
Response: 2966173617
Conc: 785.96 ng/ml



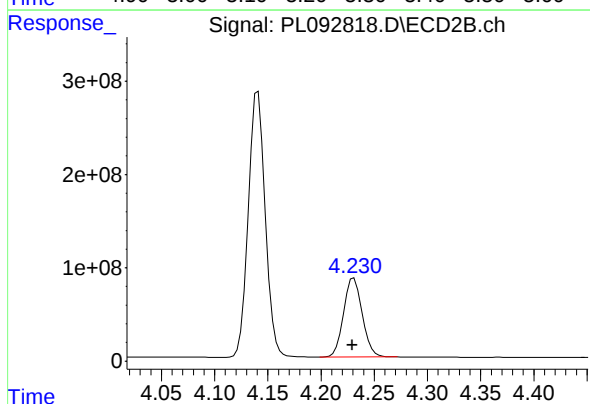
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.010 min
Response: 733495701
Conc: 244.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

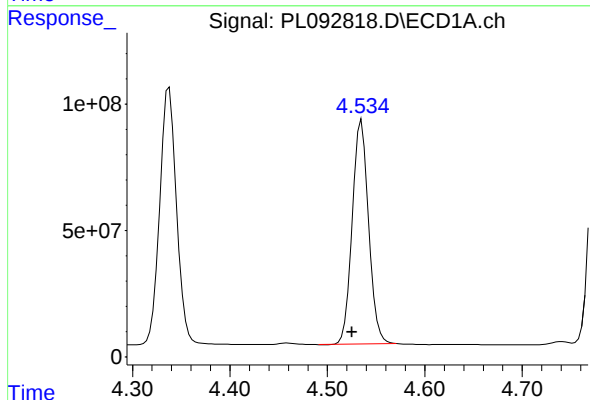
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



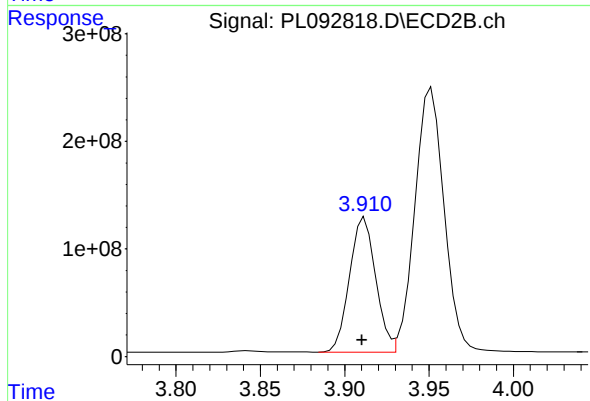
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.002 min
Response: 1025781570
Conc: 280.25 ng/ml



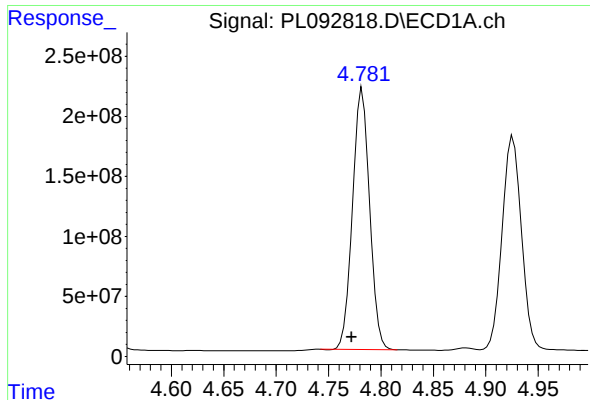
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.010 min
Response: 1033393012
Conc: 714.92 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 1351989039
Conc: 821.25 ng/ml



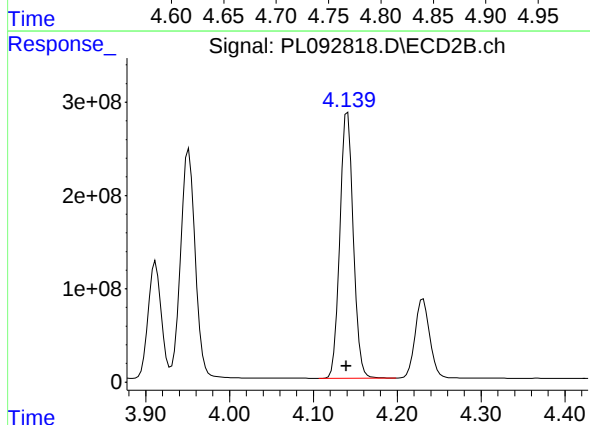
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.010 min
Response: 2483240720
Conc: 793.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

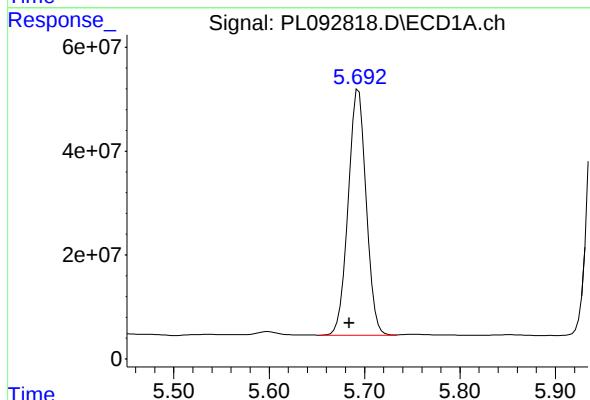
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



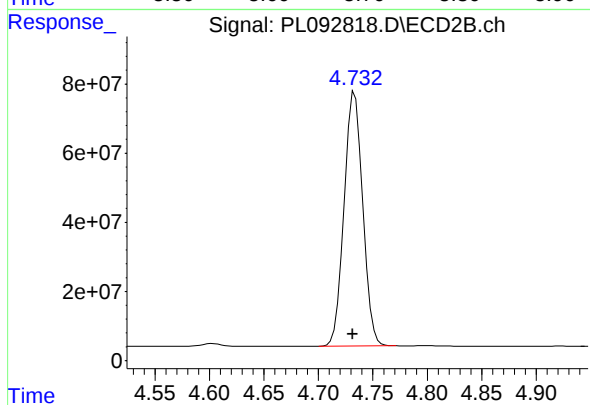
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.002 min
Response: 3164538296
Conc: 823.42 ng/ml



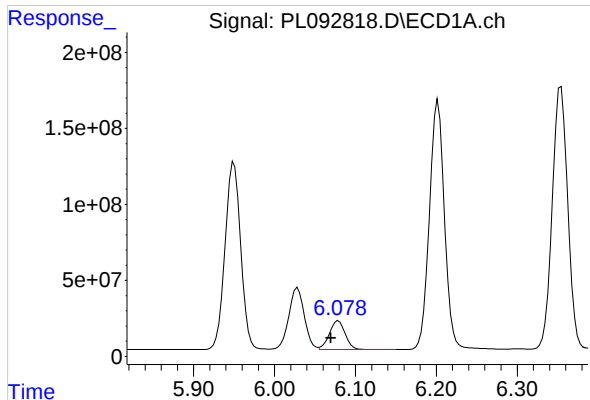
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.009 min
Response: 624526924
Conc: 226.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 874673560
Conc: 261.77 ng/ml



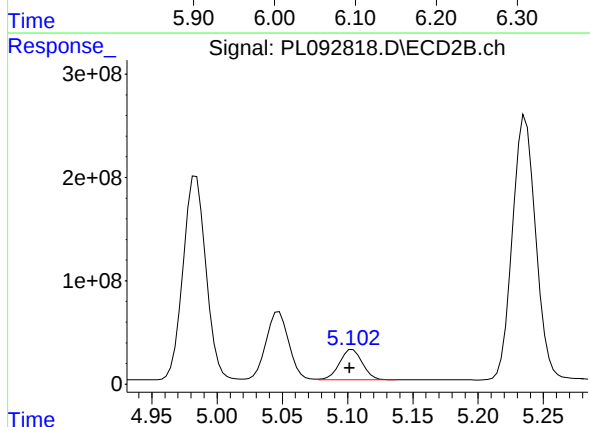
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.009 min
Response: 257679898
Conc: 103.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

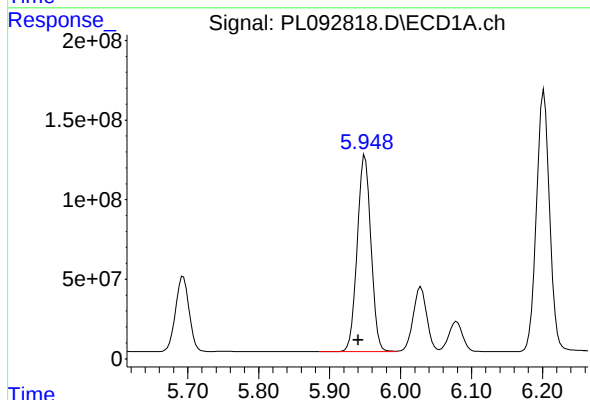
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



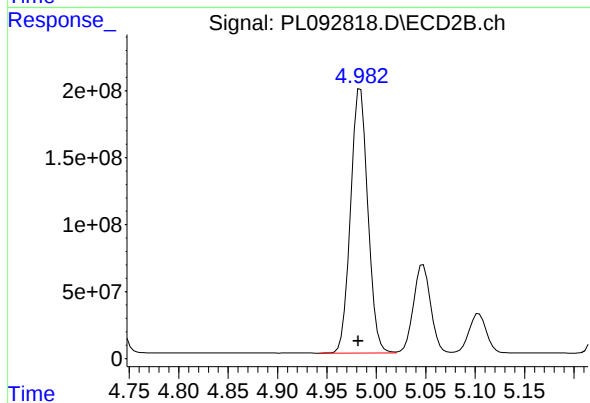
#9 Endosulfan I

R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 356605555
Conc: 116.80 ng/ml



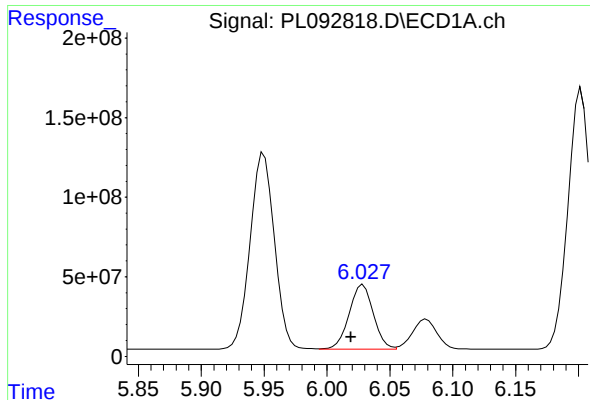
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.009 min
Response: 1657771626
Conc: 623.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 2407896362
Conc: 716.28 ng/ml



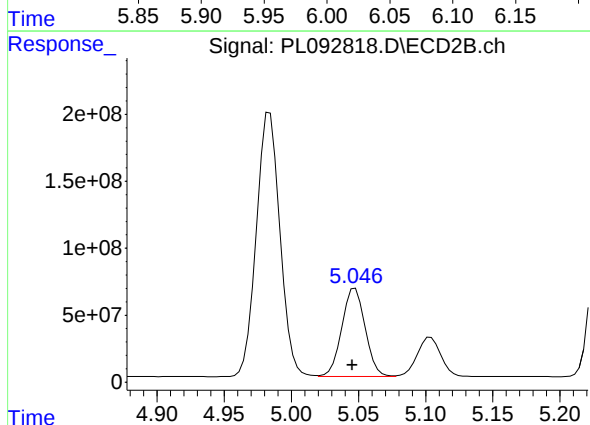
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.009 min
Response: 542763162
Conc: 204.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

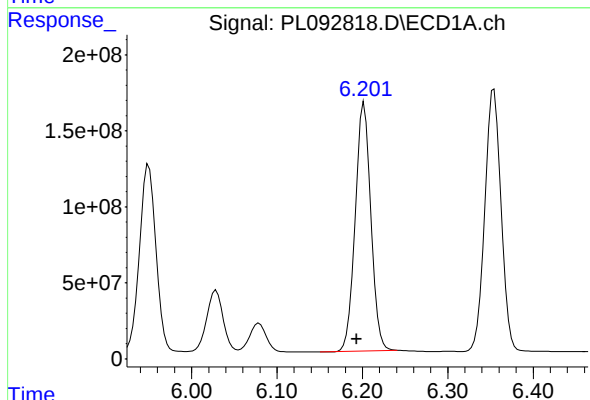
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



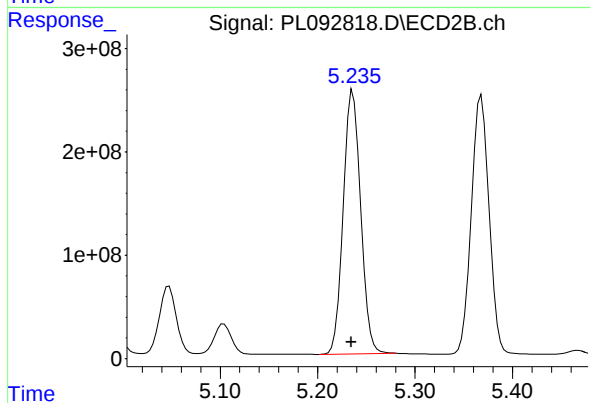
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 799948199
Conc: 240.51 ng/ml



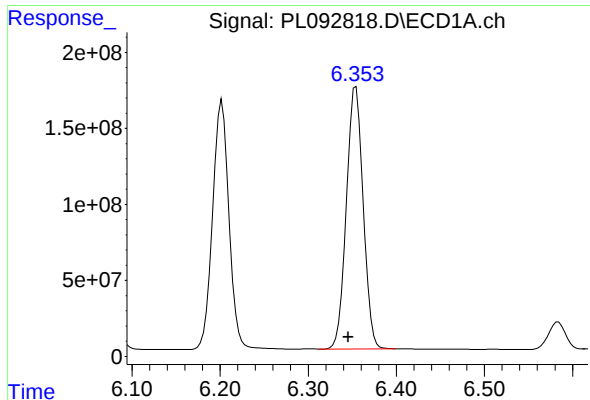
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.009 min
Response: 2085033573
Conc: 880.06 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 3168033116
Conc: 983.37 ng/ml



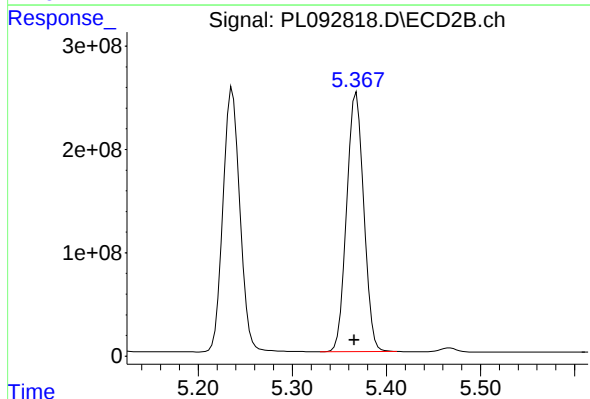
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.009 min
Response: 2288356842
Conc: 868.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

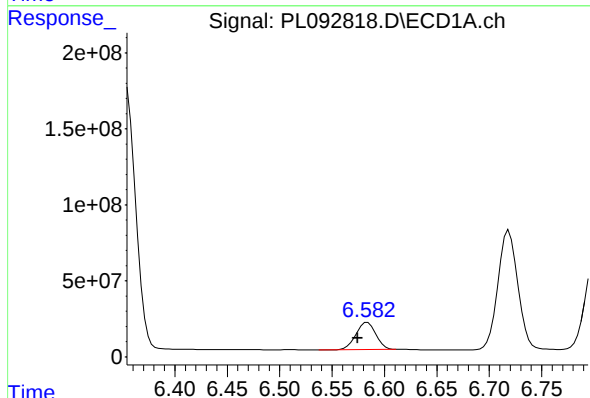
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



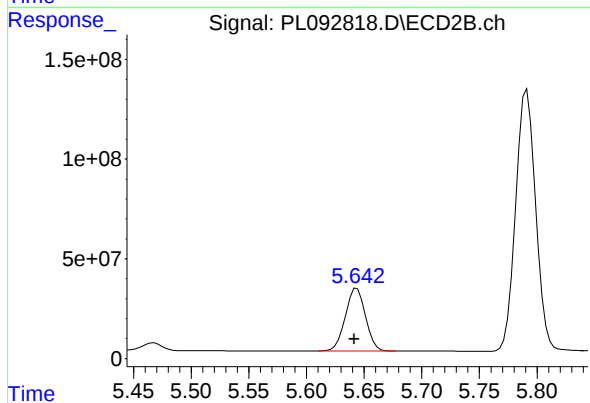
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 3171720554
Conc: 949.53 ng/ml



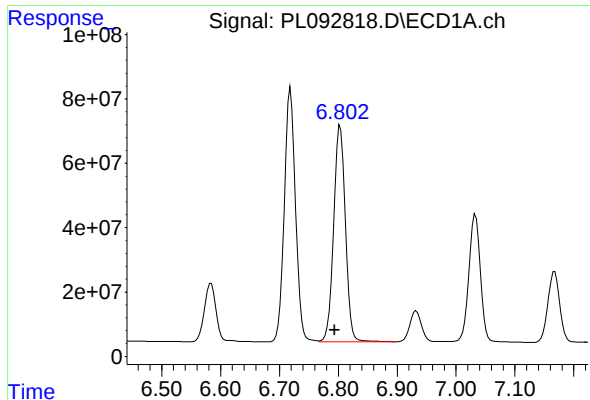
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.010 min
Response: 237436646
Conc: 104.29 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 380374835
Conc: 131.48 ng/ml



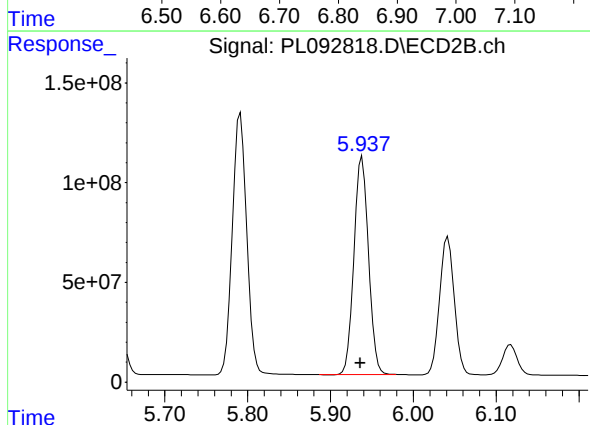
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.009 min
Response: 928824738
Conc: 389.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

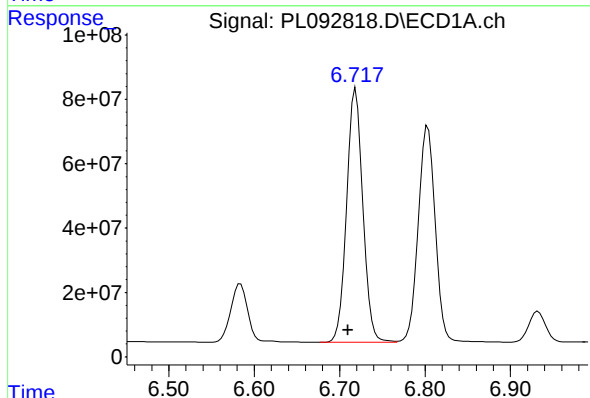
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



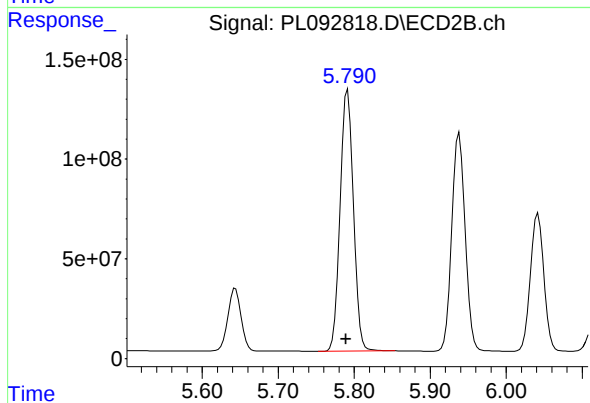
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 1335949625
Conc: 471.52 ng/ml



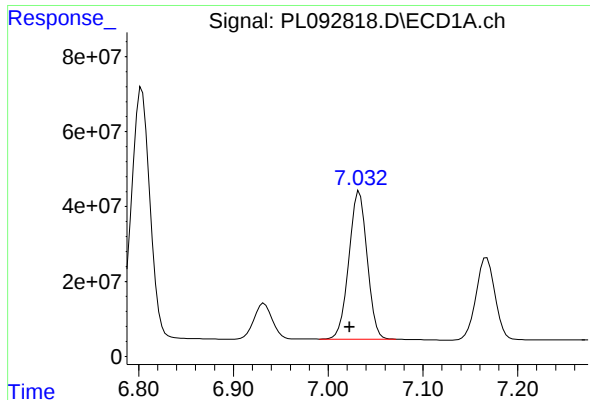
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.009 min
Response: 1042433558
Conc: 543.07 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 1586207897
Conc: 637.01 ng/ml



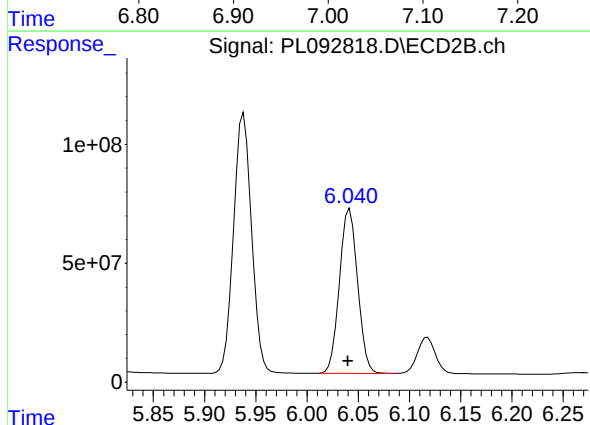
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.010 min
Response: 530134092
Conc: 256.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

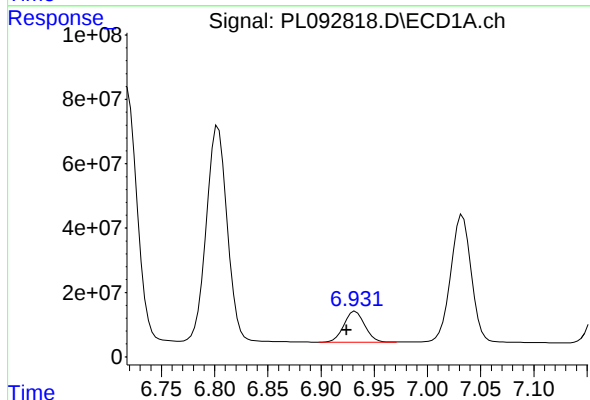
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



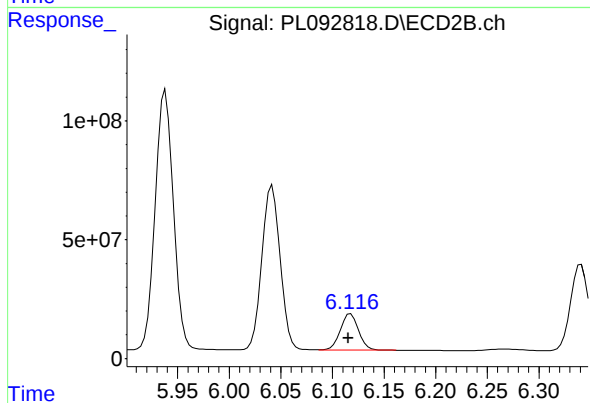
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 853954980
Conc: 318.37 ng/ml



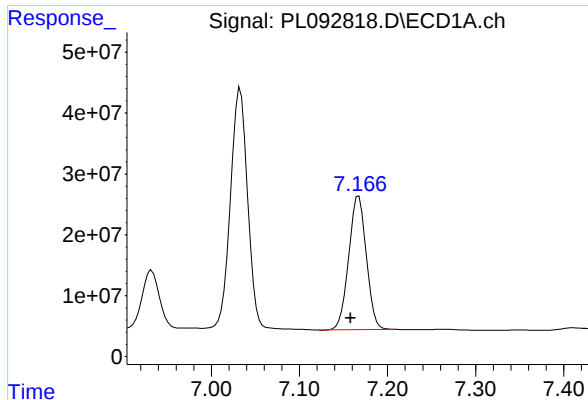
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 129852662
Conc: 69.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 186936183
Conc: 81.02 ng/ml



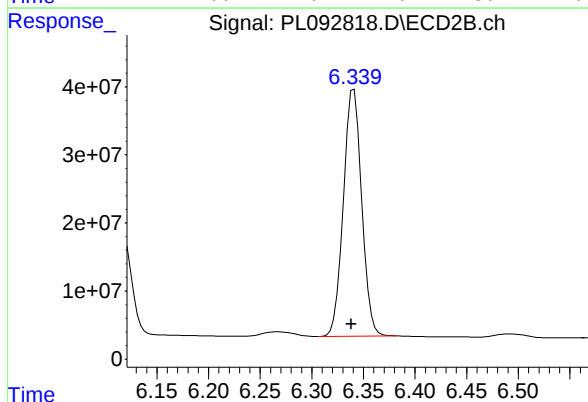
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.009 min
Response: 305597077
Conc: 140.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

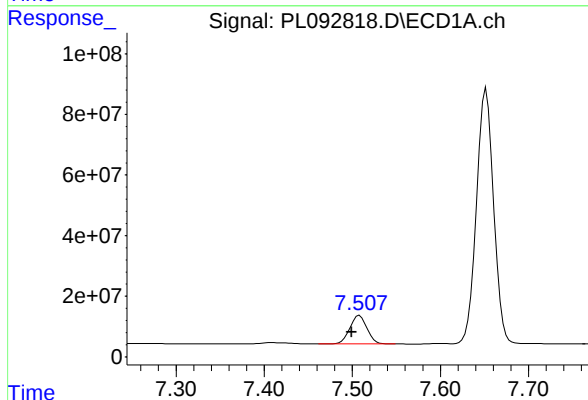
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



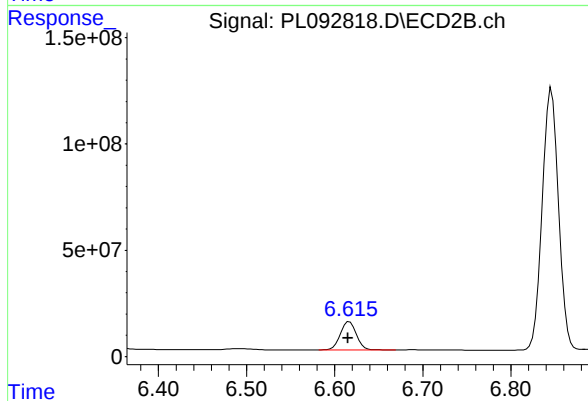
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: 0.002 min
Response: 447839165
Conc: 166.06 ng/ml



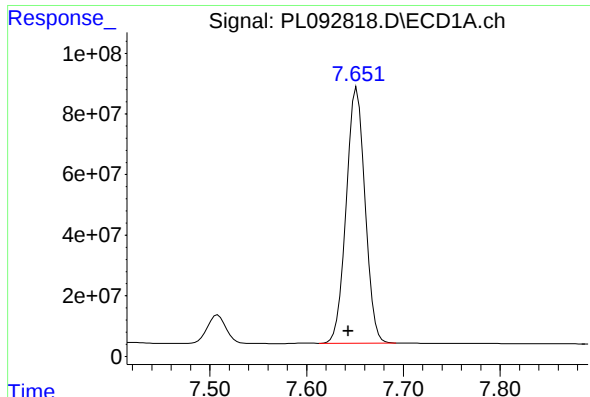
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.009 min
Response: 127111511
Conc: 111.50 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 168563156
Conc: 118.04 ng/ml



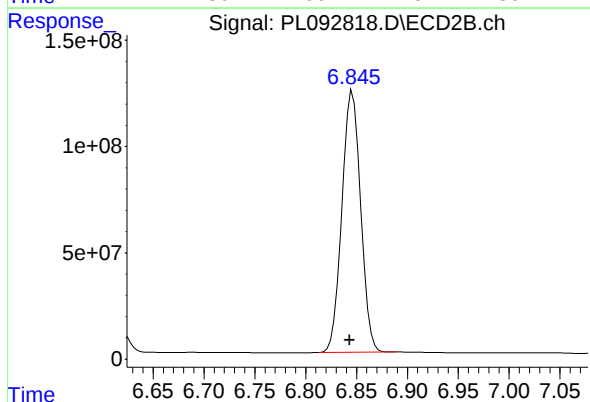
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.009 min
Response: 1132434104
Conc: 467.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

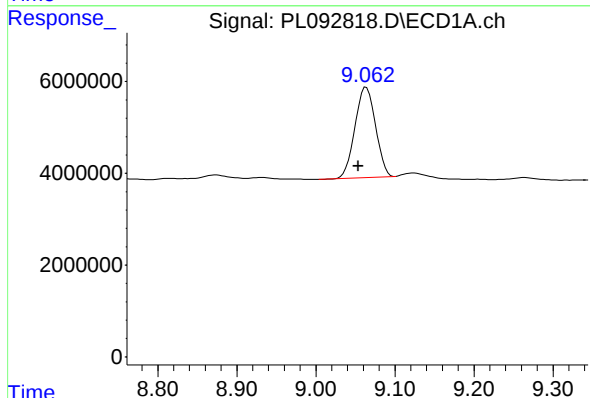
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



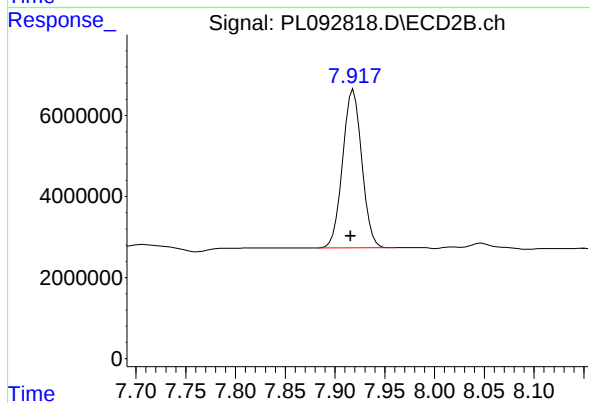
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 1579662571
Conc: 514.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.010 min
Response: 35540208
Conc: 18.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.003 min
Response: 52458321
Conc: 19.22 ng/ml