

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
 Data File : PL090655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2024 16:00
 Operator : AR\AJ
 Sample : P3352-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:24:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.546	2.789	39421801	32319925	18.933m	19.204
2)	SA Decachlor...	9.062	7.932	22725982	25273064	17.102m	17.333m
Target Compounds							
2)	A alpha-BHC	4.001	3.293	137.3E6	121.3E6	46.274m	50.185
3)	MA gamma-BHC...	4.334	3.622	132.5E6	116.6E6	47.330m	50.554m
4)	MA Heptachlor	4.923	3.964	118.3E6	112.0E6	46.480m	50.778
5)	MB Aldrin	5.265	4.243	115.5E6	109.5E6	46.240m	51.489m
6)	B beta-BHC	4.530	3.920	56910298	49828645	44.863m	48.274m
7)	B delta-BHC	4.777	4.150	120.2E6	112.2E6	44.849m	51.017m
8)	B Heptachlo...	5.691	4.747	109.7E6	97456181	46.670m	49.968
9)	A Endosulfan I	6.076	5.116	96759237	83784080	45.242m	45.815m
10)	B gamma-Chl...	5.946	4.996	103.5E6	96075040	44.503m	47.388m
11)	B alpha-Chl...	6.026	5.061	102.3E6	96730730	44.554m	47.872
12)	B 4,4'-DDE	6.198	5.250	104.1E6	106.7E6	51.479m	59.678
13)	MA Dieldrin	6.351	5.382	113.6E6	108.5E6	51.137m	55.316
14)	MA Endrin	6.581	5.657	87278613	84274537	47.474m	48.965
15)	B Endosulfa...	6.799	5.951	88231070	80207703	44.859m	46.949
16)	A 4,4'-DDD	6.715	5.803	78244444	72386984	46.348m	48.314m
17)	MA 4,4'-DDT	7.029	6.056	83560541	78064910	49.641m	53.281
18)	B Endrin al...	6.929	6.131	66099949	60737172	44.554m	46.487
19)	B Endosulfa...	7.163	6.352	82043844	75685822	46.716m	46.937m
20)	A Methoxychlor	7.504	6.629	43811530	41574243	49.622m	51.418m
21)	B Endrin ke...	7.649	6.858	113.3E6	82321125	59.347m	45.046m
22)	Mirex	8.123	7.041	64255573	63668406	45.371m	42.829

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
Data File : PL090655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2024 16:00
Operator : AR\AJ
Sample : P3352-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

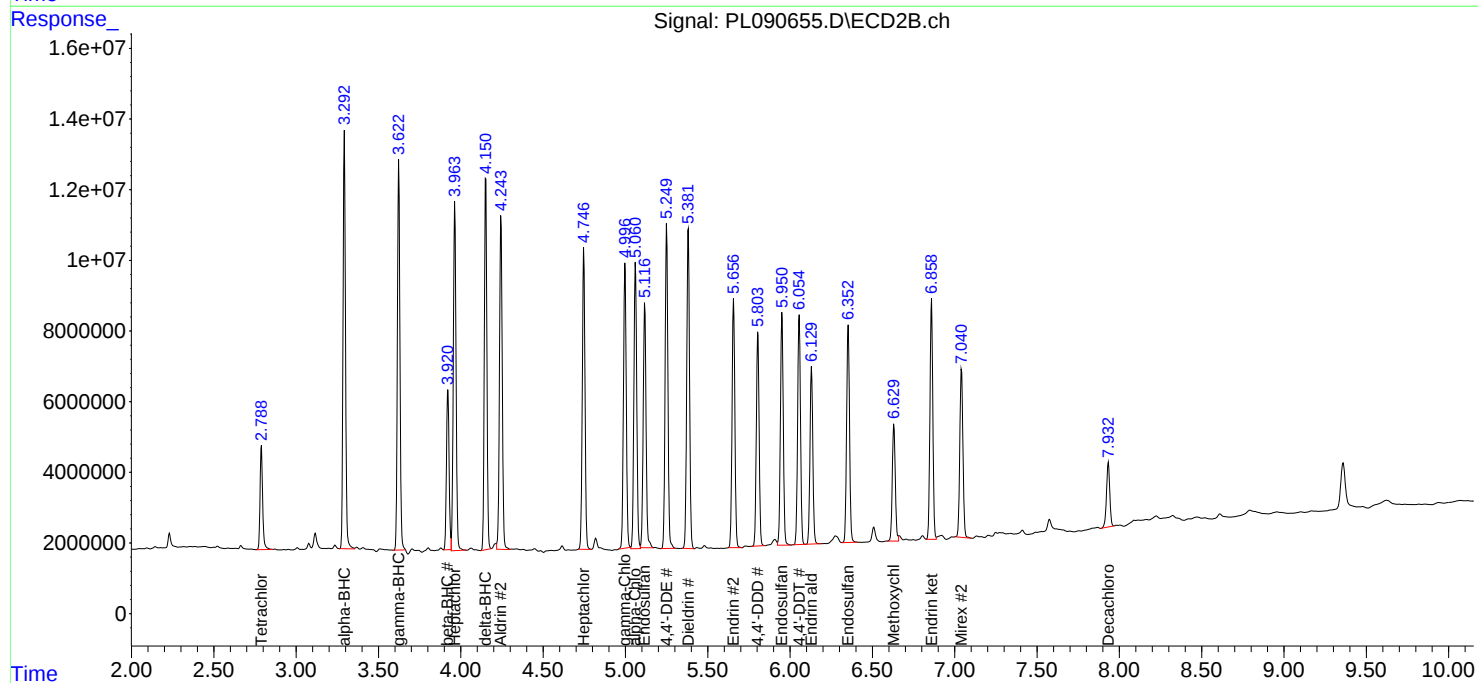
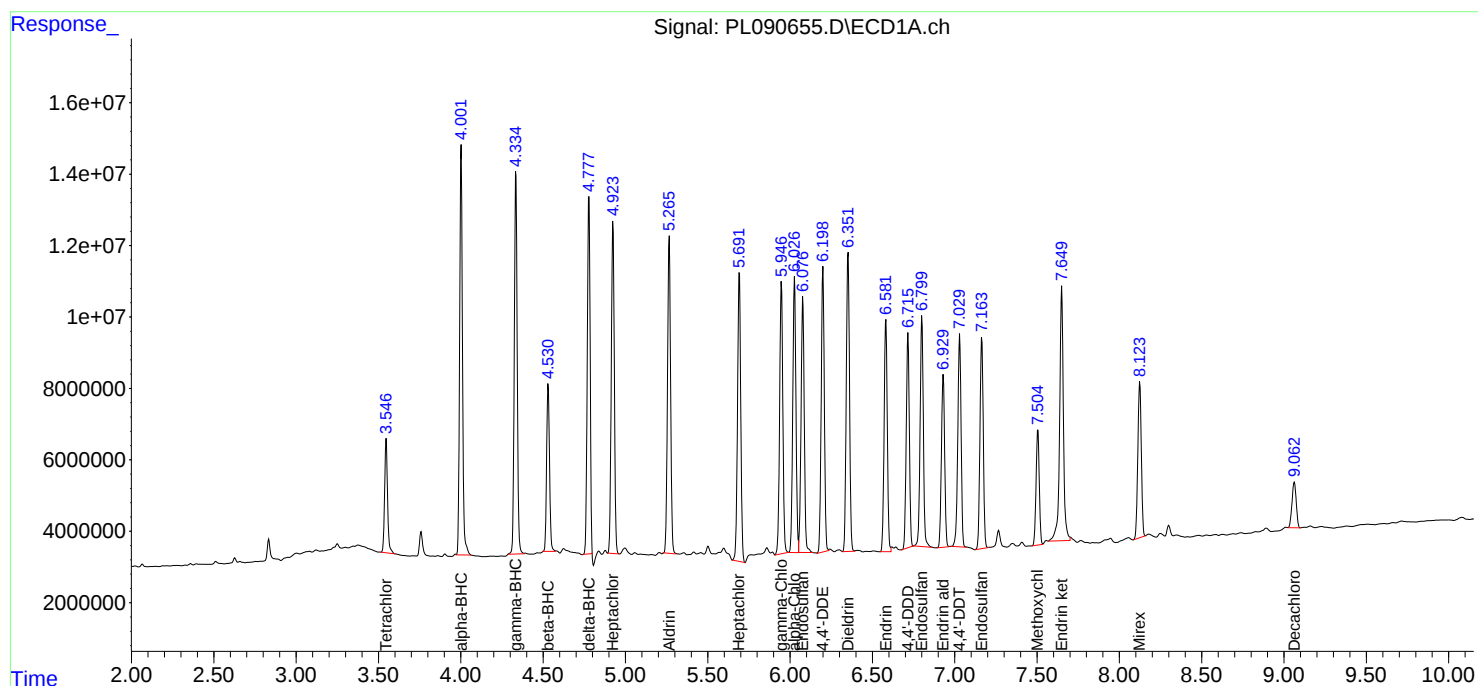
Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

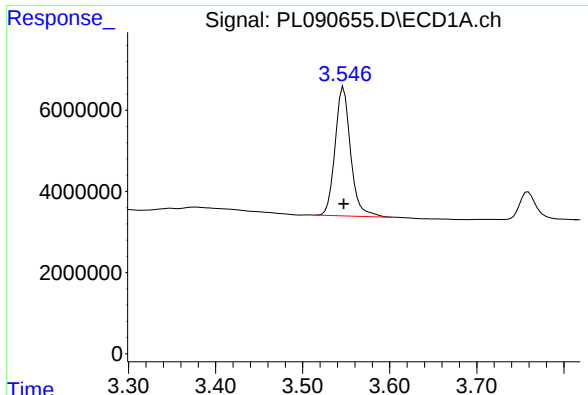
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 01:24:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





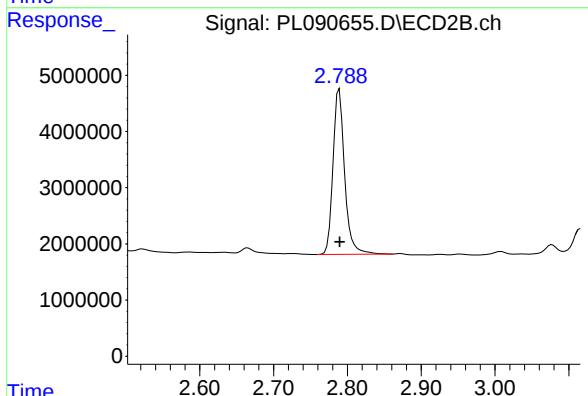
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 39421801
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

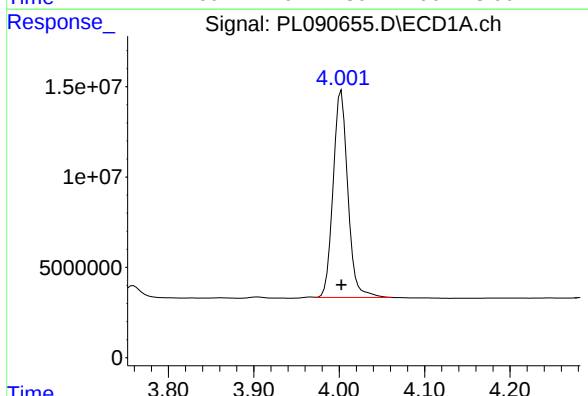
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



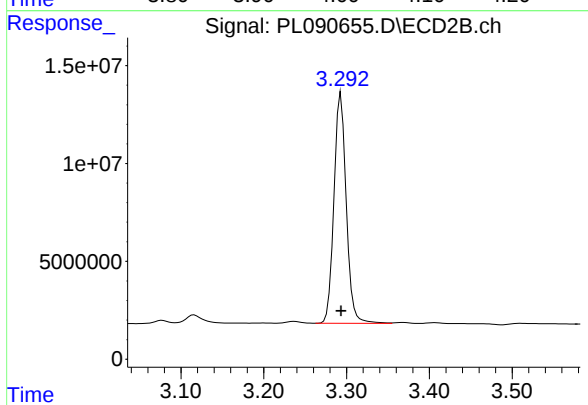
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 32319925
Conc: 19.20 ng/ml



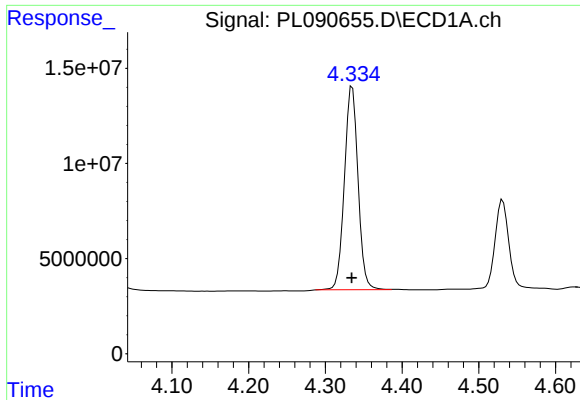
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 137311341
Conc: 46.27 ng/ml m



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 121251363
Conc: 50.18 ng/ml



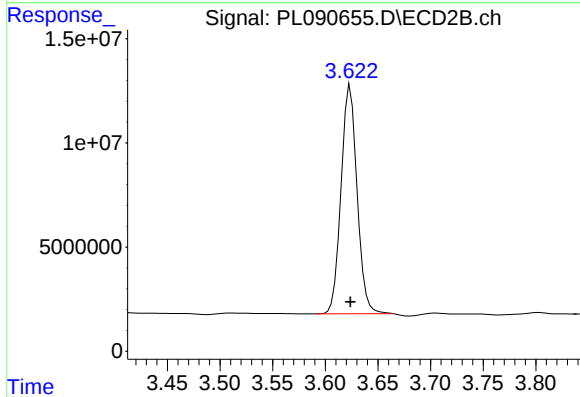
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 132546487
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

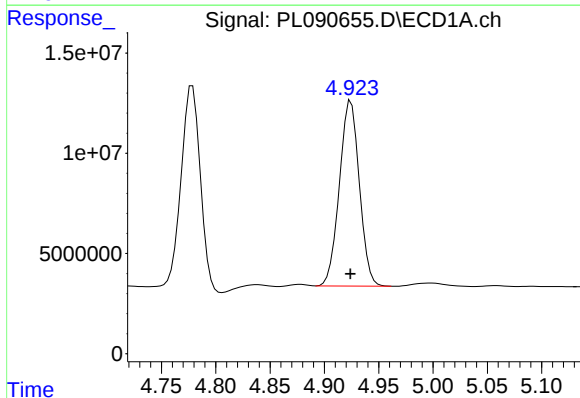
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



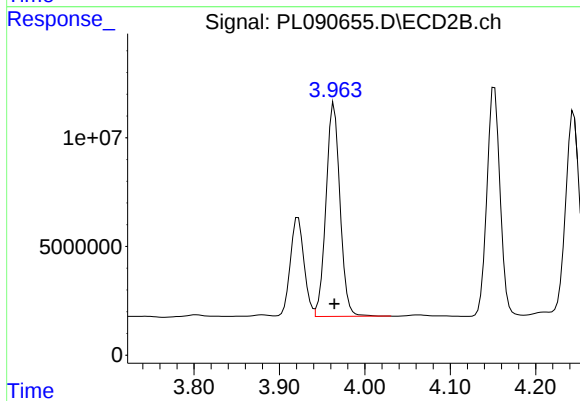
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.001 min
Response: 116575631
Conc: 50.55 ng/ml m



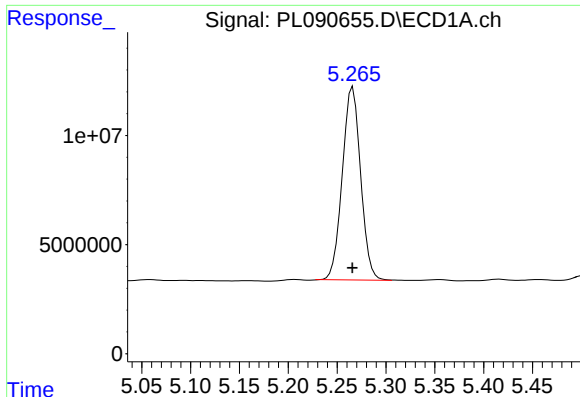
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 118293273
Conc: 46.48 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 112019846
Conc: 50.78 ng/ml



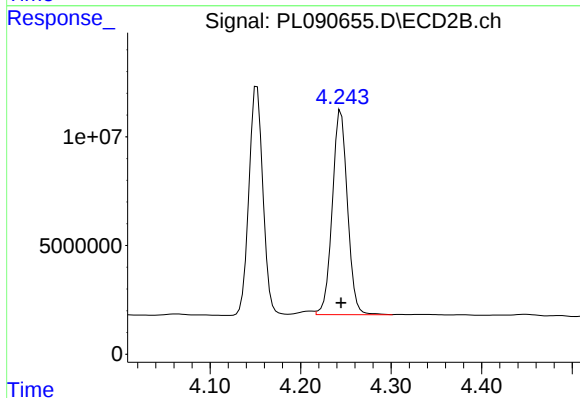
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 115525733
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

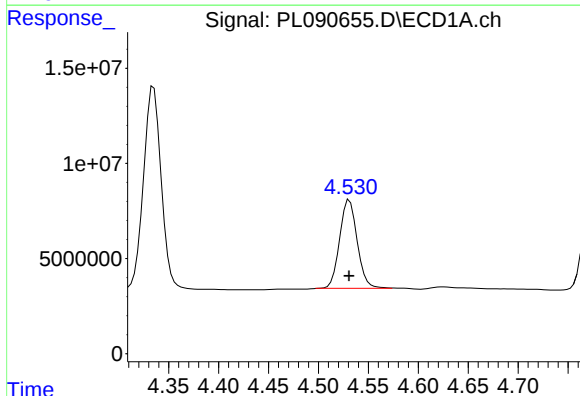
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



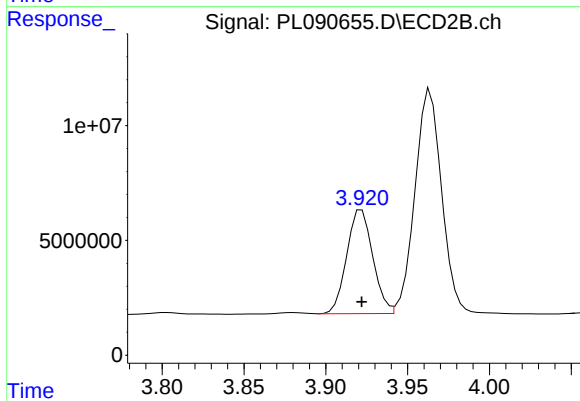
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 109541141
Conc: 51.49 ng/ml m



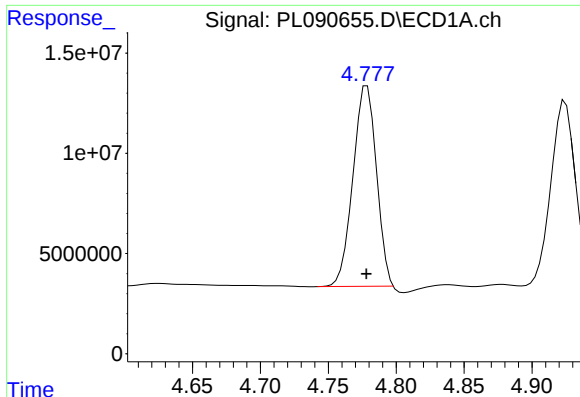
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 56910298
Conc: 44.86 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.001 min
Response: 49828645
Conc: 48.27 ng/ml m



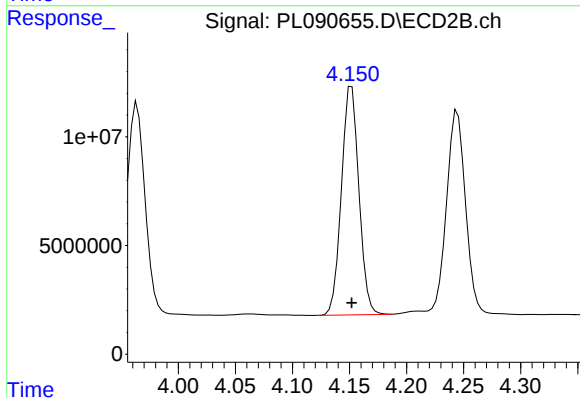
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 120244303
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

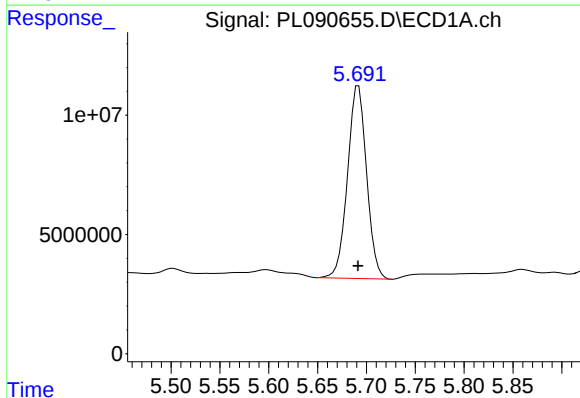
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



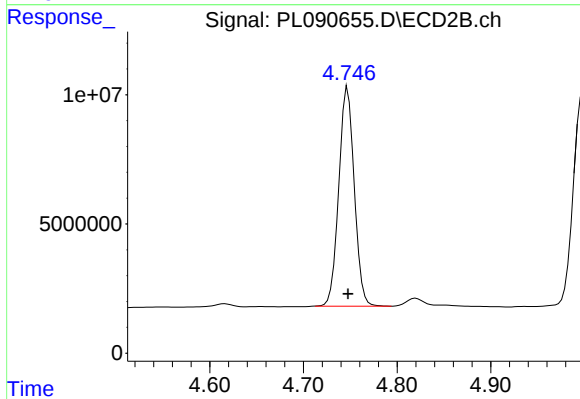
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 112224907
Conc: 51.02 ng/ml m



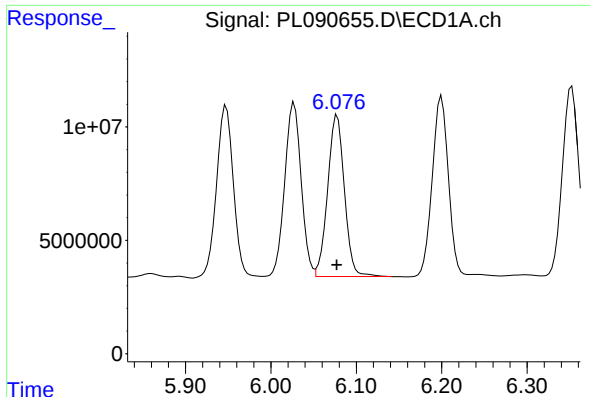
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 109691359
Conc: 46.67 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 97456181
Conc: 49.97 ng/ml



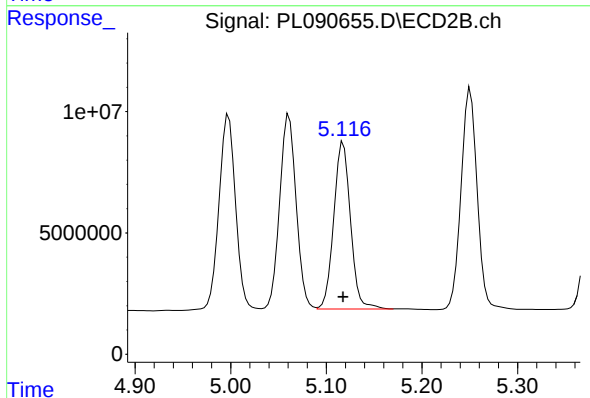
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 96759237
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

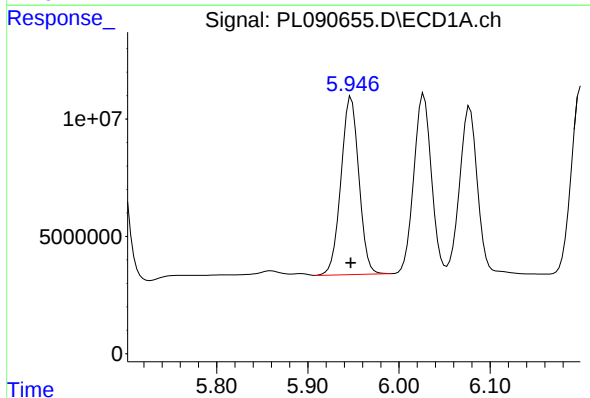
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



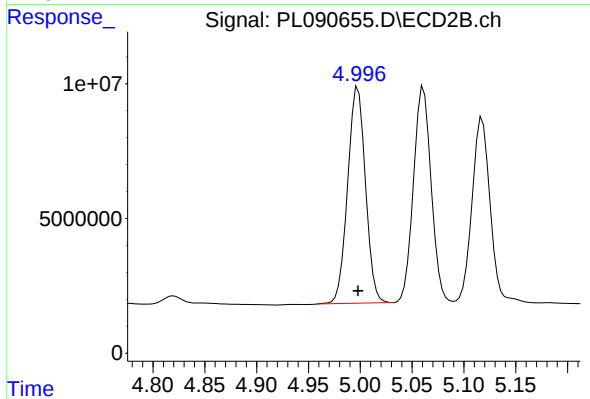
#9 Endosulfan I

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 83784080
Conc: 45.81 ng/ml m



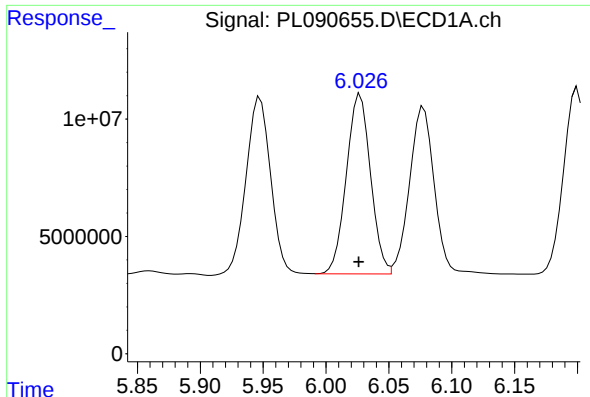
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 103470612
Conc: 44.50 ng/ml m



#10 gamma-Chlordane

R.T.: 4.996 min
Delta R.T.: -0.002 min
Response: 96075040
Conc: 47.39 ng/ml m



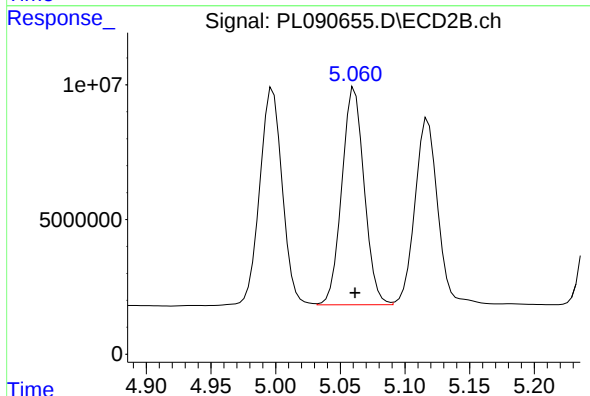
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 102284273
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

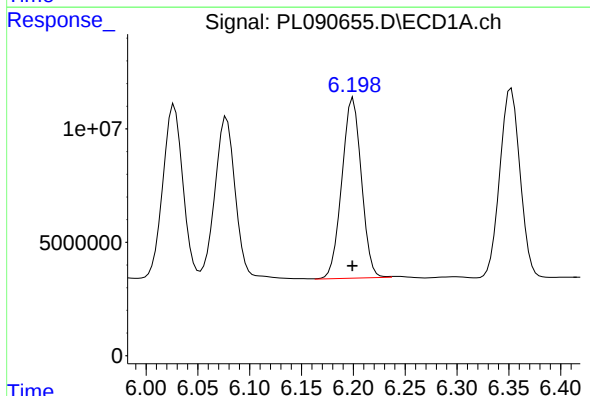
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



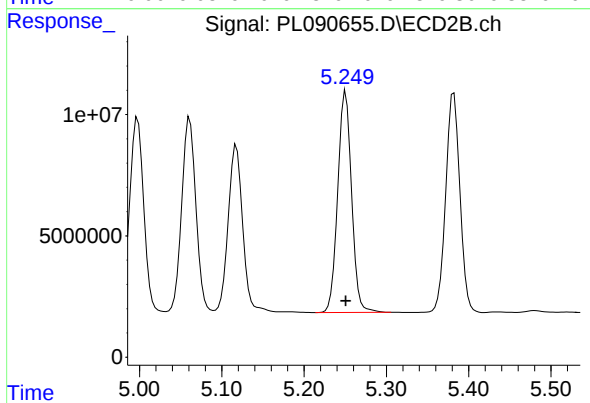
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 96730730
Conc: 47.87 ng/ml



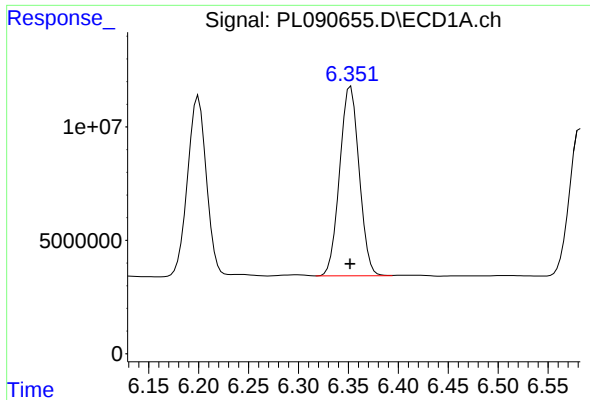
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 104092355
Conc: 51.48 ng/ml m



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 106651949
Conc: 59.68 ng/ml



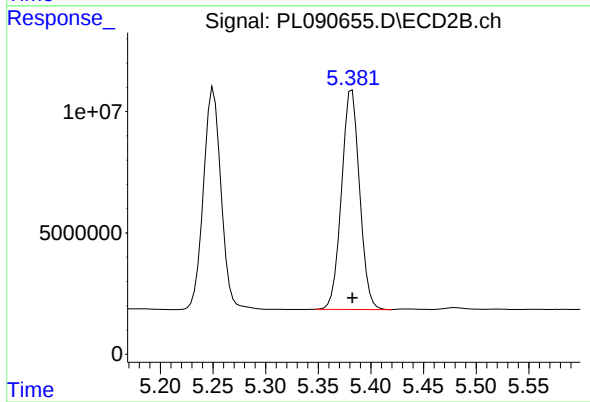
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 113617985
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

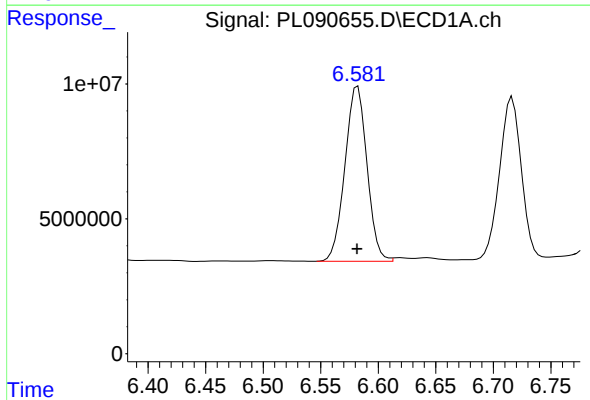
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



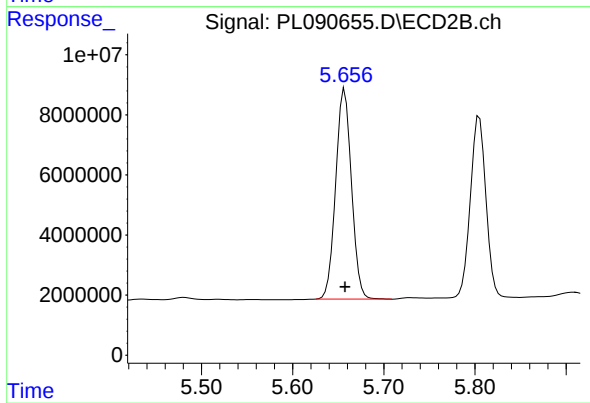
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 108470427
Conc: 55.32 ng/ml



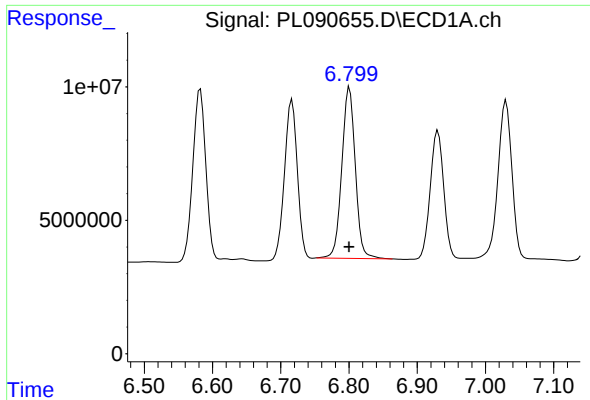
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 87278613
Conc: 47.47 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 84274537
Conc: 48.97 ng/ml



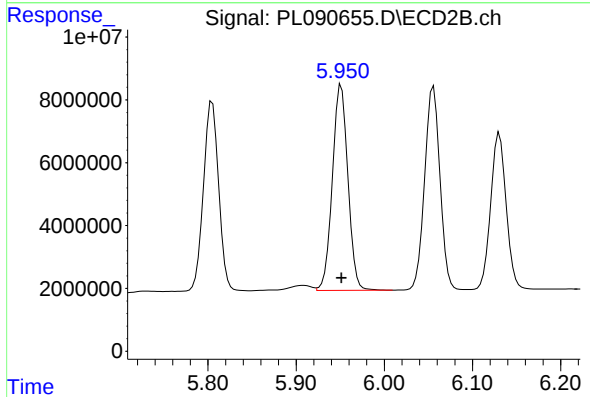
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 88231070
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

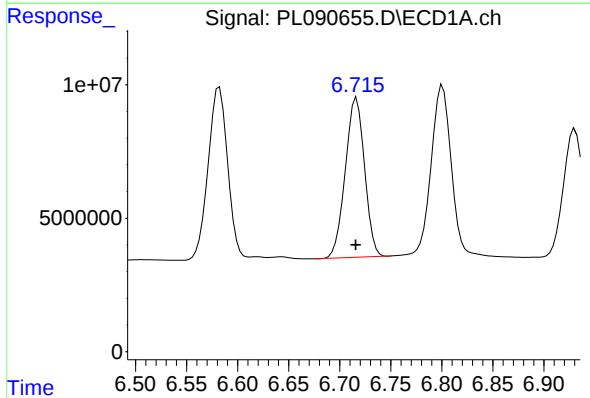
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



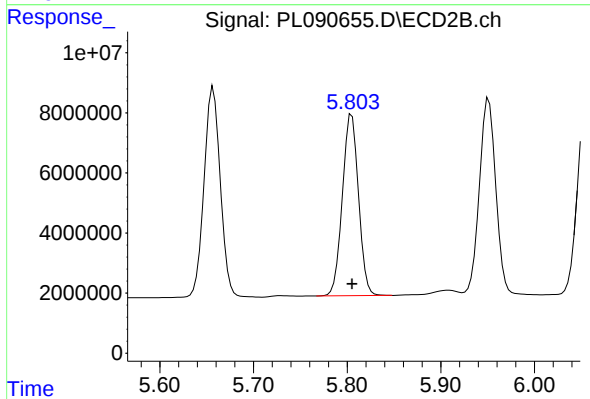
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 80207703
Conc: 46.95 ng/ml



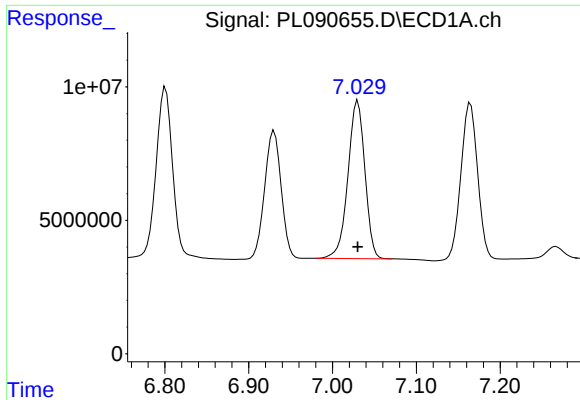
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 78244444
Conc: 46.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 72386984
Conc: 48.31 ng/ml m



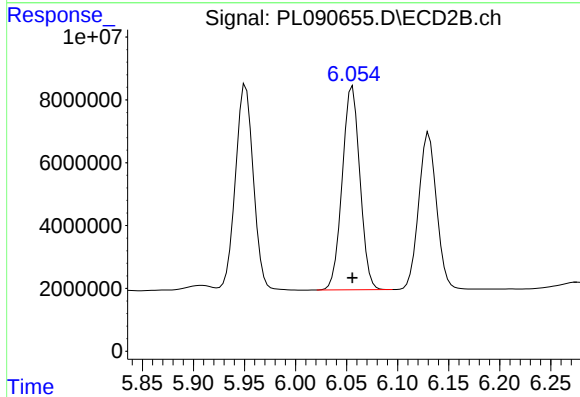
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 83560541
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

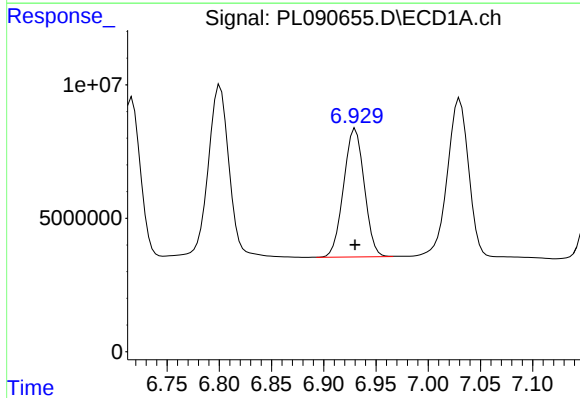
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



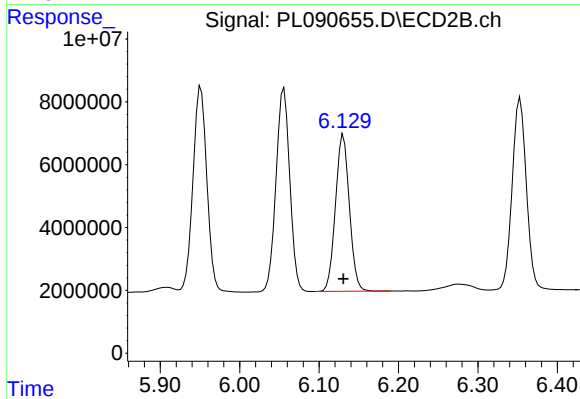
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 78064910
Conc: 53.28 ng/ml



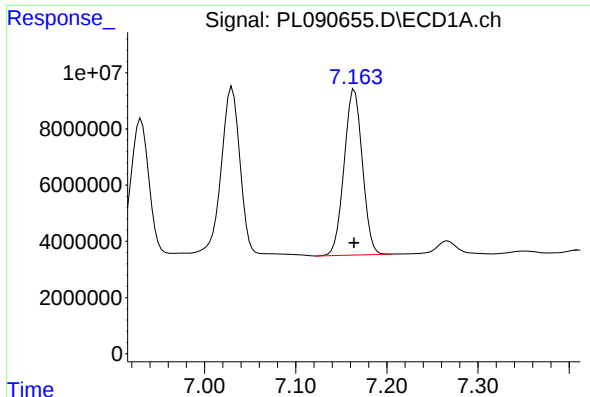
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 66099949
Conc: 44.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 60737172
Conc: 46.49 ng/ml



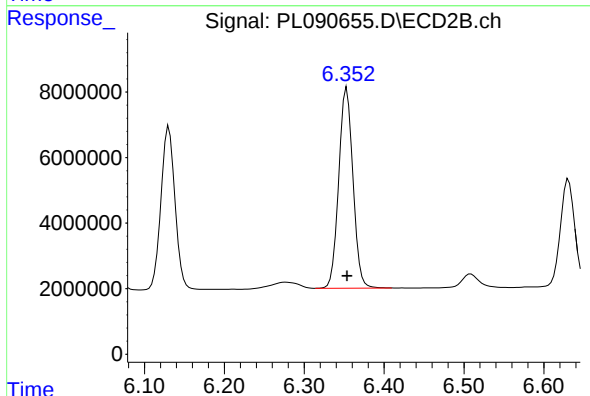
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: -0.001 min
Response: 82043844
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

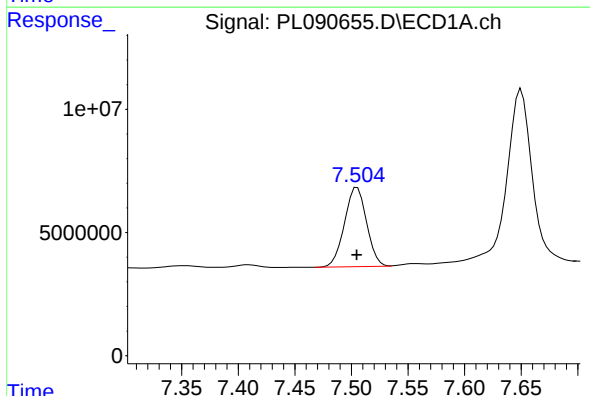
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



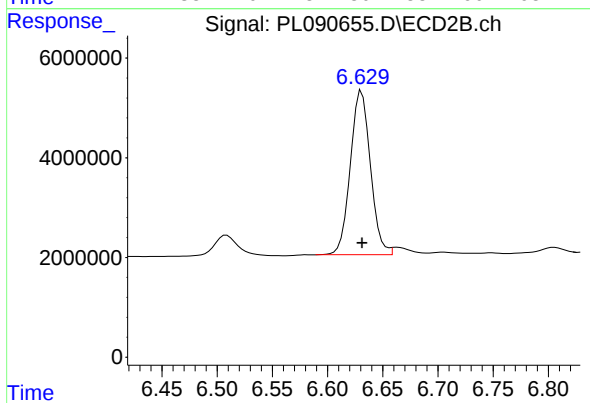
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 75685822
Conc: 46.94 ng/ml m



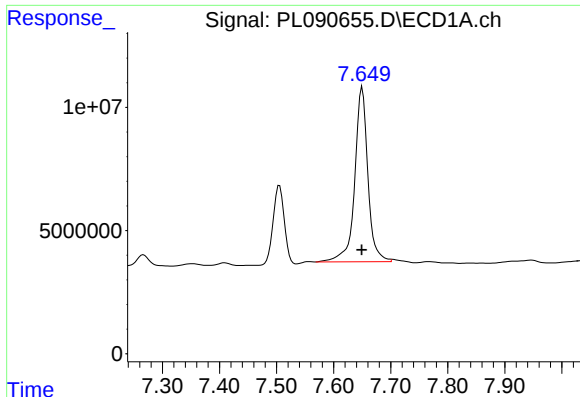
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 43811530
Conc: 49.62 ng/ml m



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 41574243
Conc: 51.42 ng/ml m



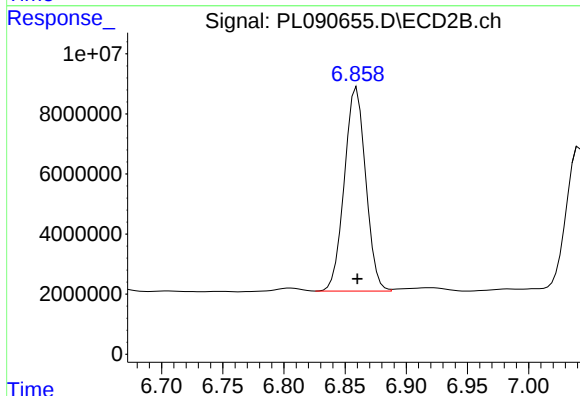
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 113293145
Conc: 59.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

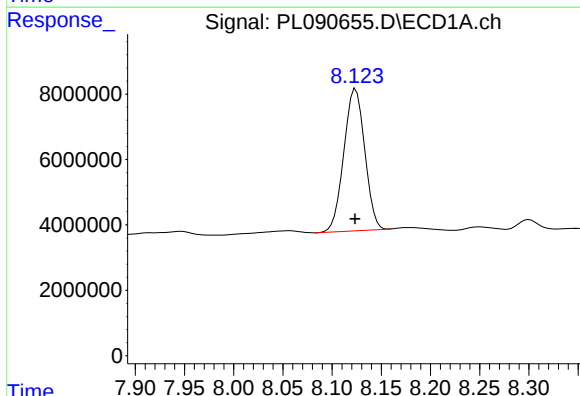
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



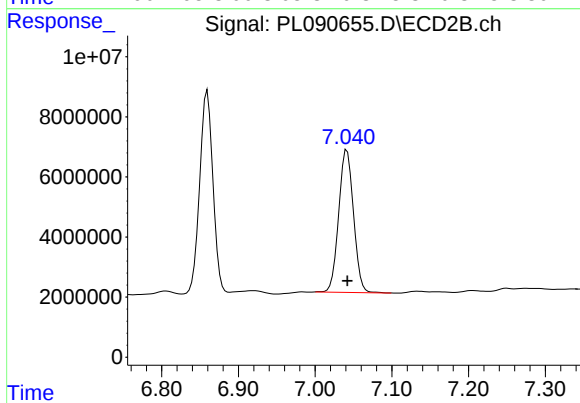
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 82321125
Conc: 45.05 ng/ml m



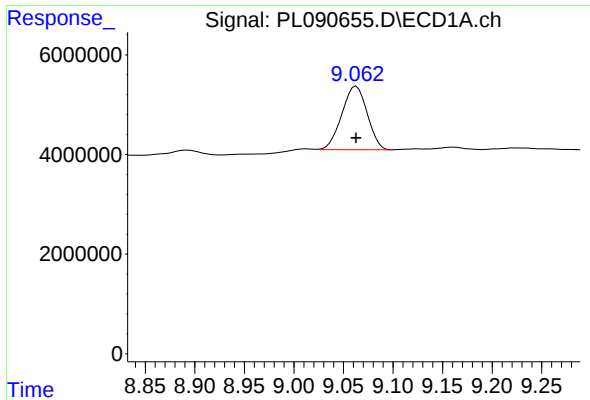
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 64255573
Conc: 45.37 ng/ml m



#22 Mirex

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 63668406
Conc: 42.83 ng/ml



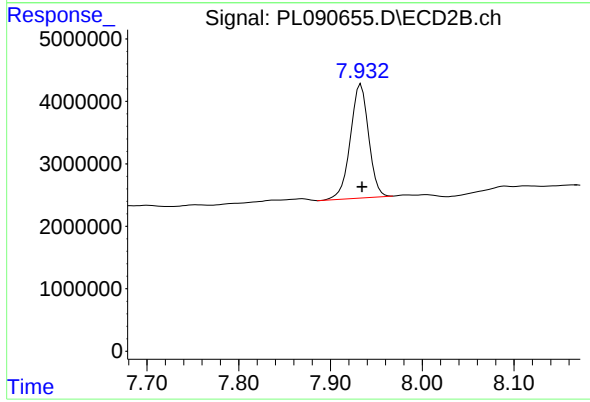
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 22725982
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 25273064
Conc: 17.33 ng/ml m