

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
 Data File : PL081714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2023 16:24
 Operator : AR\AJ
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 R-PITMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 21:26:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.658	42434769	35401892	18.245	17.735
2) SA Decachlor...	8.750	7.776	28198203	32190930	15.756	16.231
Target Compounds						
2) A alpha-BHC	3.778	3.157	146.9E6	117.6E6	42.834	40.329
3) MA gamma-BHC...	4.106	3.485	139.6E6	116.1E6	43.958	41.710
4) MA Heptachlor	4.684	3.818	125.0E6	108.7E6	39.647m	37.914
5) MB Aldrin	5.023	4.096	127.1E6	109.2E6	44.420	40.988
6) B beta-BHC	4.309	3.784	63855011	48954743	42.426	41.104
7) B delta-BHC	4.550	4.011	133.2E6	107.6E6	43.823	41.597
8) B Heptachlo...	5.449	4.598	115.7E6	101.8E6	42.521	41.908
9) A Endosulfan I	5.830	4.965	105.2E6	92094067	42.568	41.714
10) B gamma-Chl...	5.703	4.846	111.0E6	102.6E6	42.272	42.211
11) B alpha-Chl...	5.781	4.910	111.7E6	101.0E6	43.156	41.582
12) B 4,4'-DDE	5.959	5.100	101.5E6	86650229	45.021	43.989
13) MA Dieldrin	6.104	5.230	110.7E6	98220769	45.721	43.665
14) MA Endrin	6.331	5.504	86326417	81805924	40.812	40.424
15) B Endosulfa...	6.553	5.800	86905242	84028352	40.952	46.321
16) A 4,4'-DDD	6.474	5.655	83682029	72052438	46.400	47.480
17) MA 4,4'-DDT	6.786	5.903	78113725	70228165	38.487	40.753
18) B Endrin al...	6.683	5.981	66914882	59111874	40.899	38.063
19) B Endosulfa...	6.916	6.203	96518178	94477713	46.313	48.557
20) A Methoxychlor	7.267	6.483	46243048	38367308	42.941	38.520
21) B Endrin ke...	7.397	6.709	97245860	97582478	46.425	45.664
22) Mirex	7.862	6.881	68959850	81173545	40.250	42.284

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
Data File : PL081714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2023 16:24
Operator : AR\AJ
Sample : 02047-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

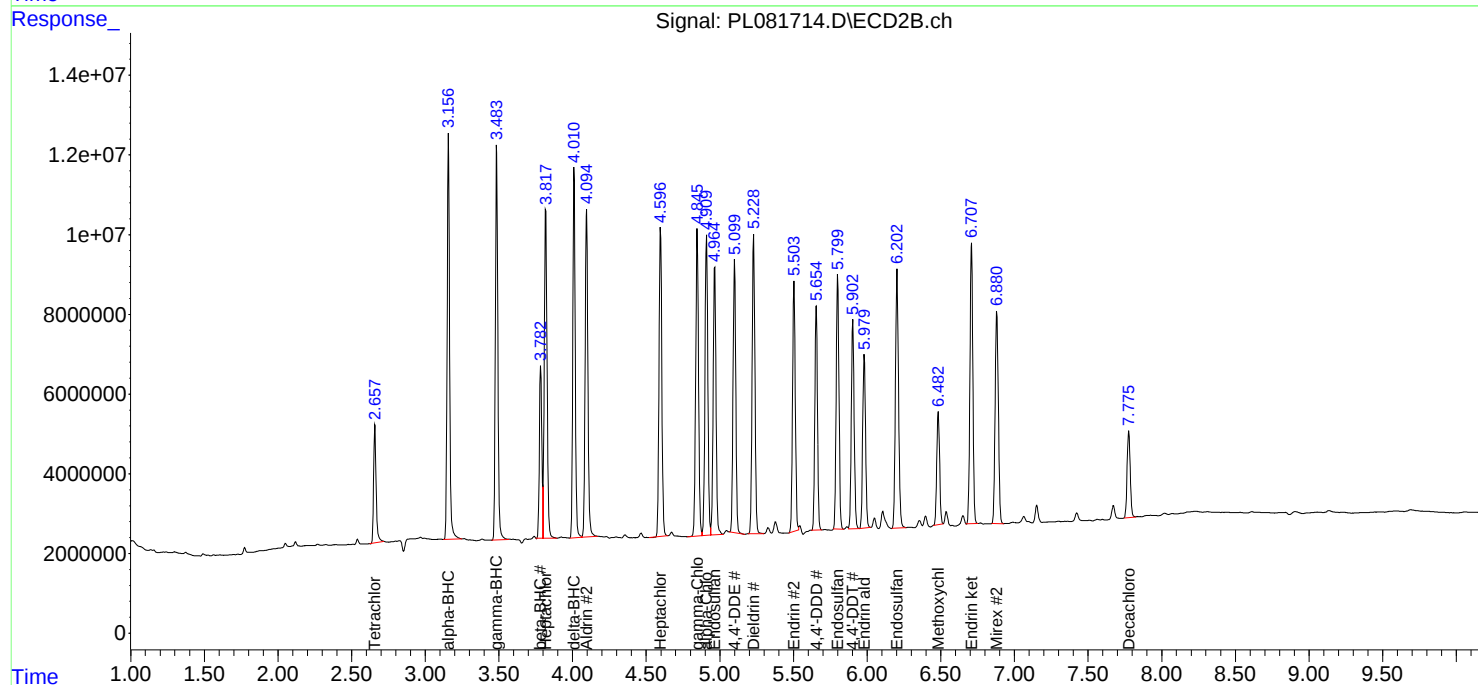
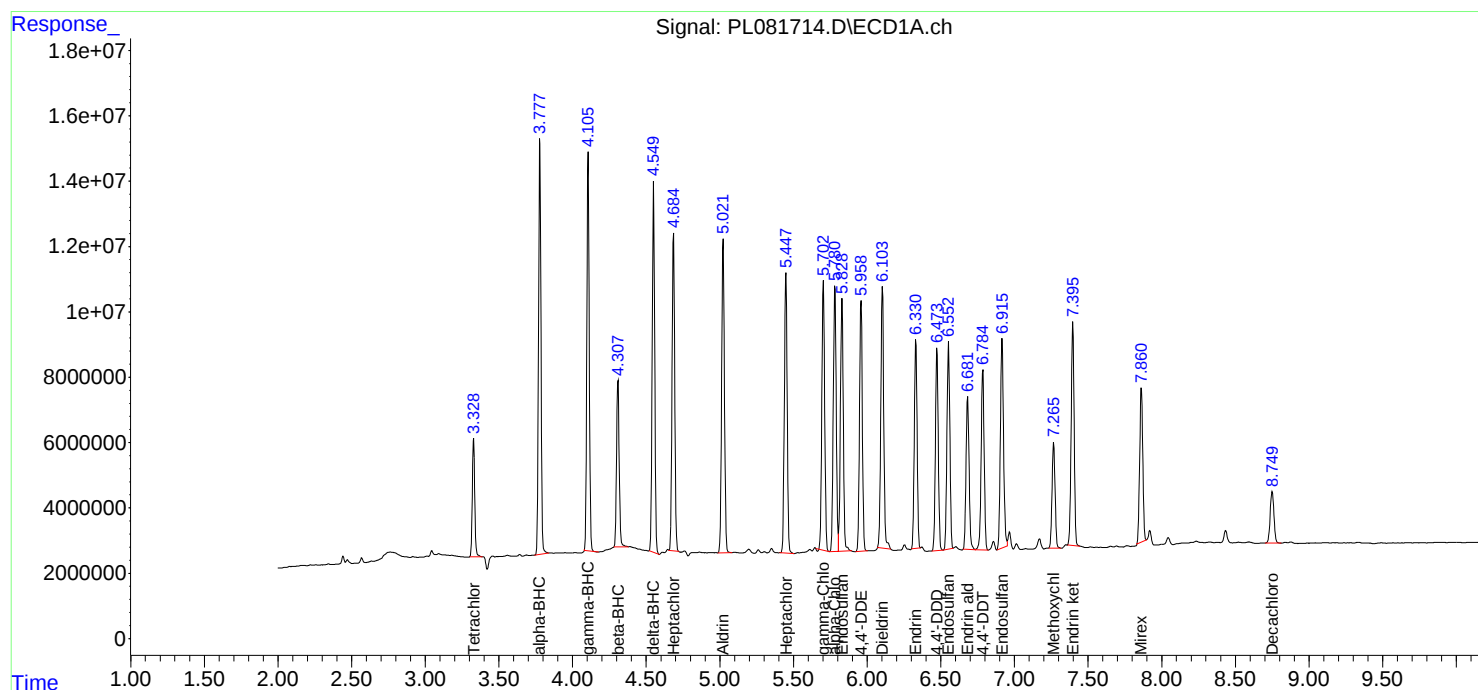
Instrument :
ECD_L
ClientSampleId :
R-PITMSD

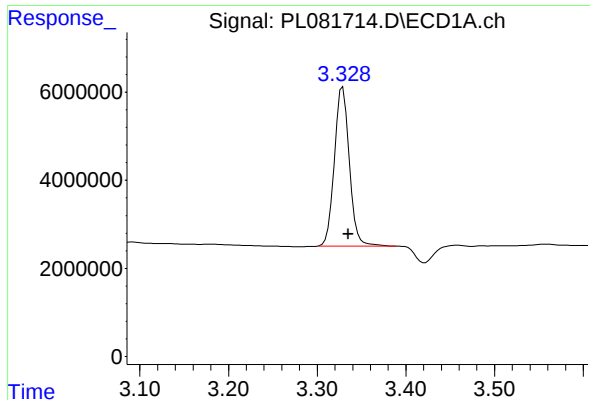
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 21:26:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





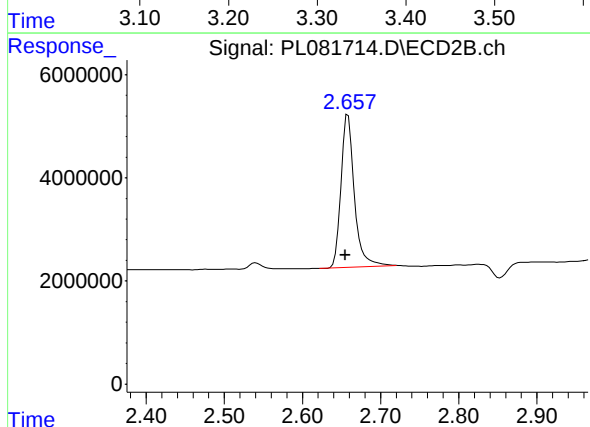
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 42434769
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

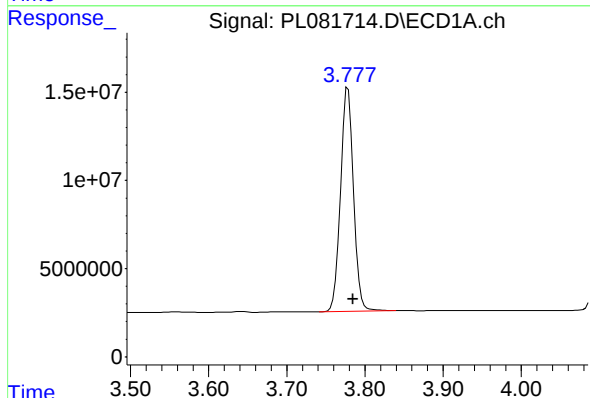
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



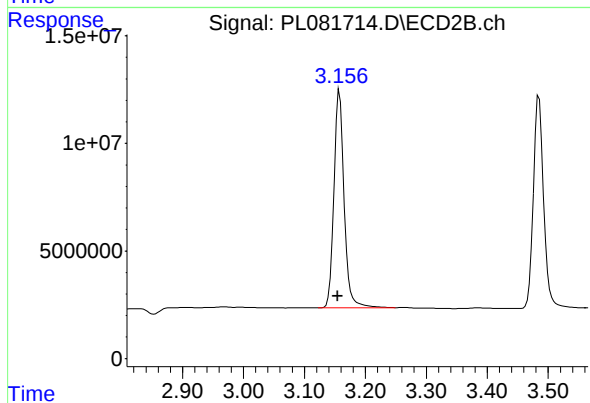
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.004 min
Response: 35401892
Conc: 17.74 ng/ml



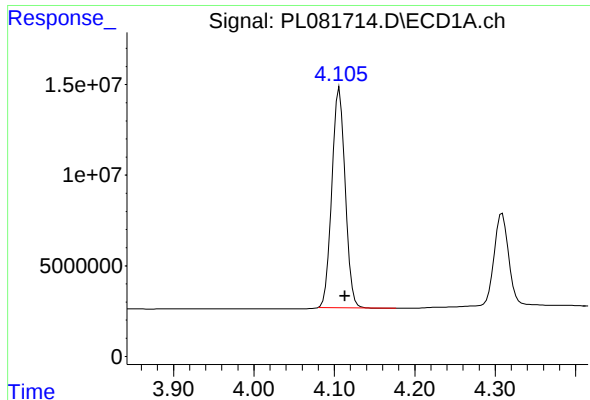
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 146850210
Conc: 42.83 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.003 min
Response: 117559561
Conc: 40.33 ng/ml



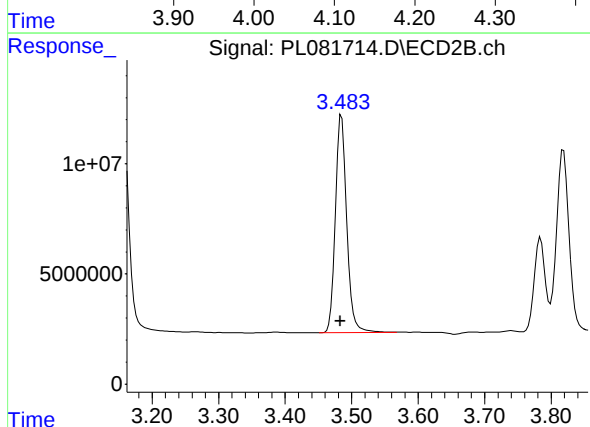
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 139646115
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

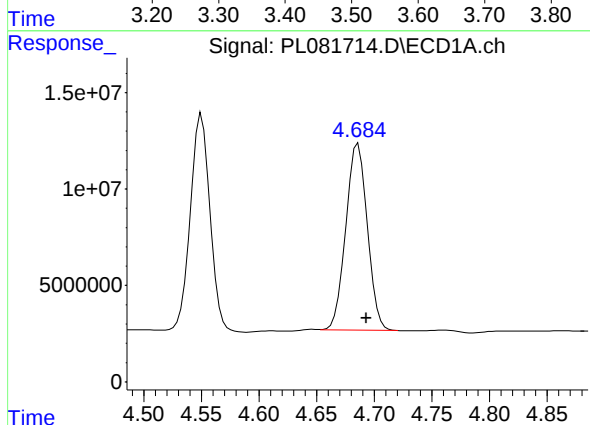
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



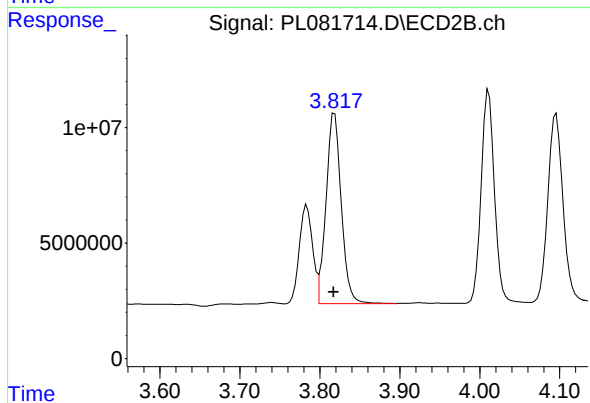
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 116130466
Conc: 41.71 ng/ml



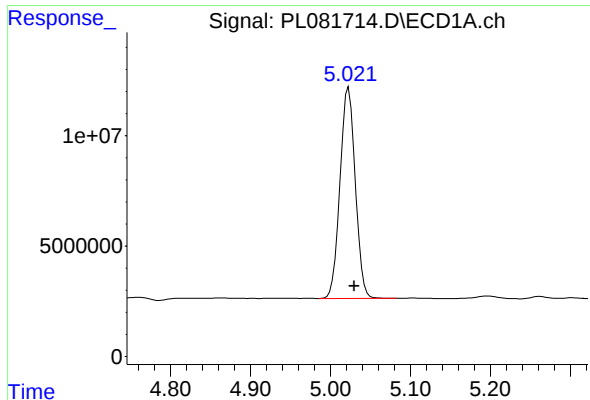
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 124973575
Conc: 39.65 ng/ml m



#4 Heptachlor

R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 108697806
Conc: 37.91 ng/ml



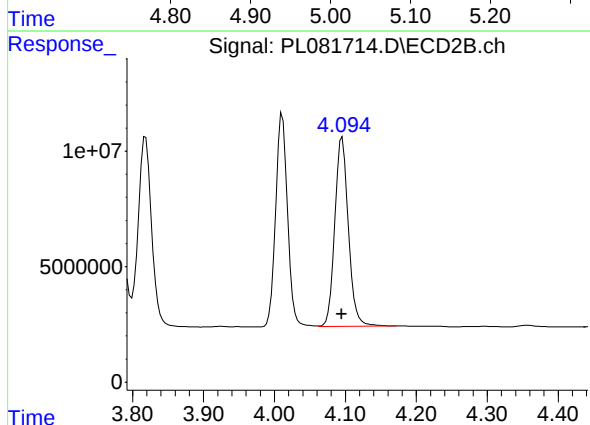
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 127052960
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

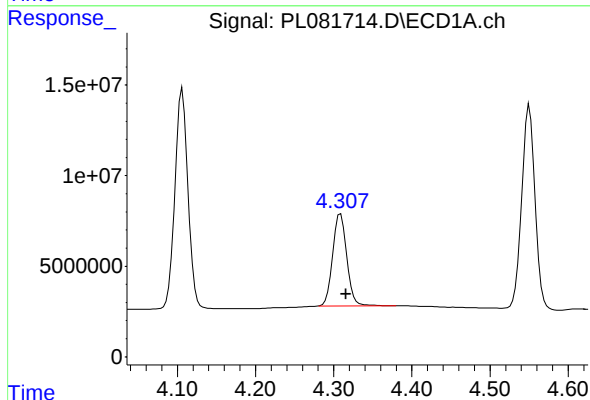
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



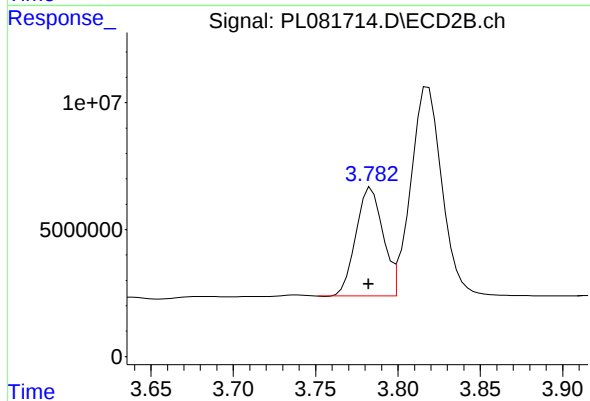
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 109211423
Conc: 40.99 ng/ml



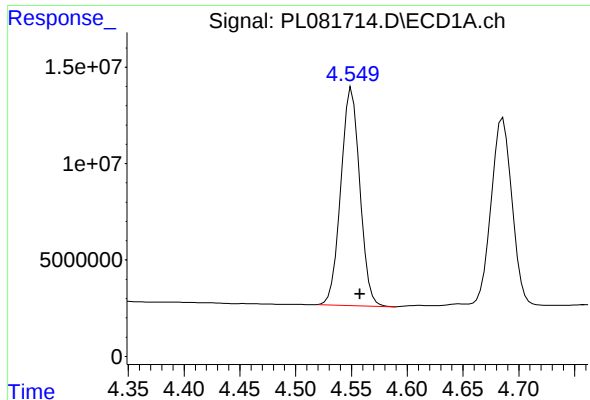
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 63855011
Conc: 42.43 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 48954743
Conc: 41.10 ng/ml



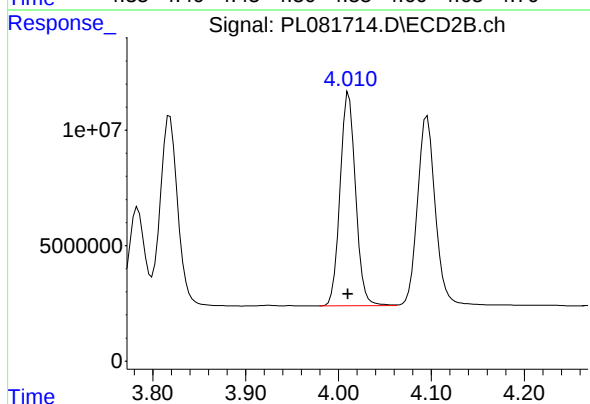
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.007 min
Response: 133186272
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

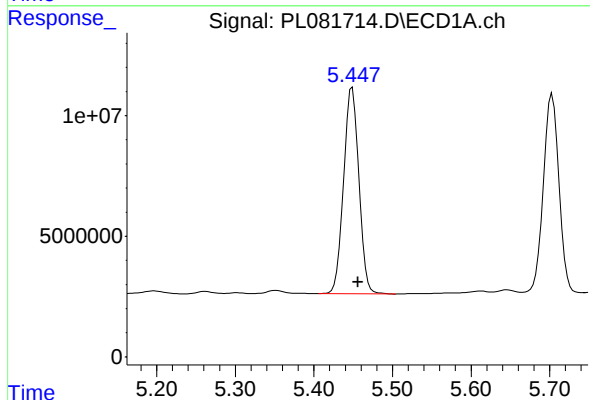
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



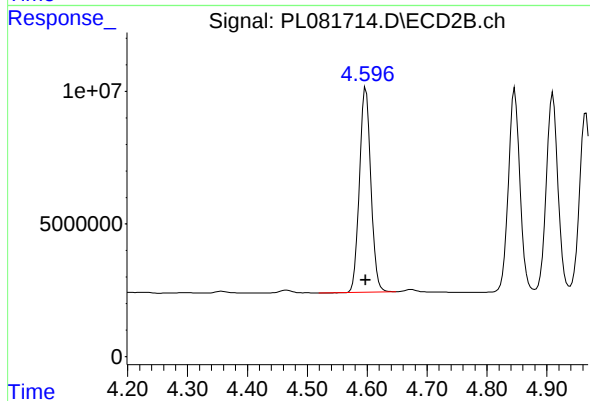
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: 0.001 min
Response: 107574033
Conc: 41.60 ng/ml



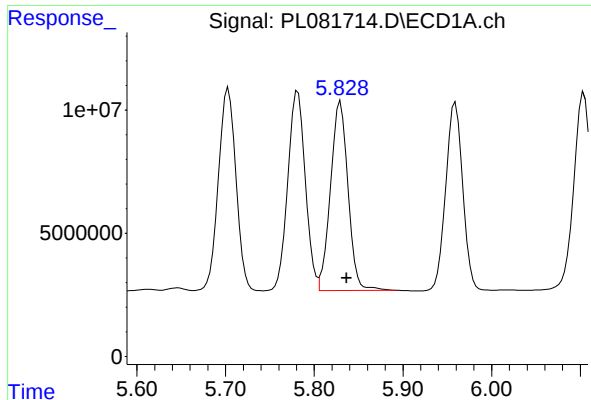
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.008 min
Response: 115658768
Conc: 42.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 101784603
Conc: 41.91 ng/ml



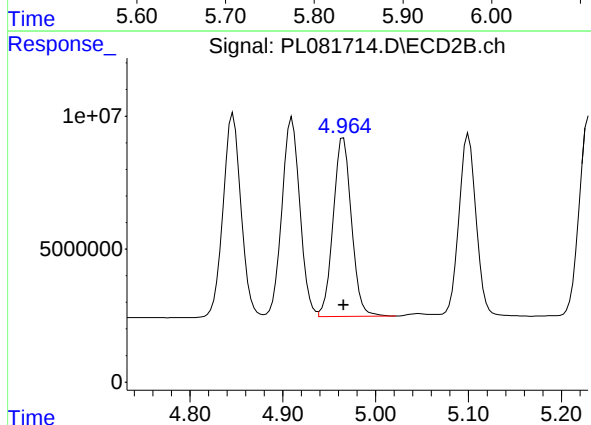
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 105178181
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

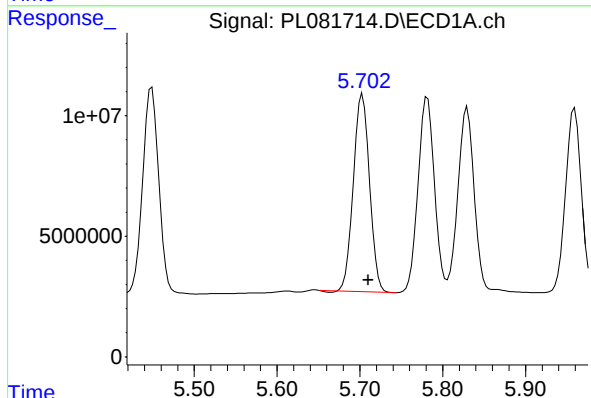
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



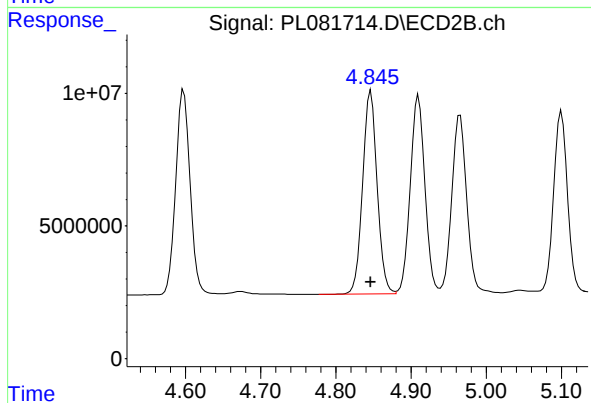
#9 Endosulfan I

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 92094067
Conc: 41.71 ng/ml



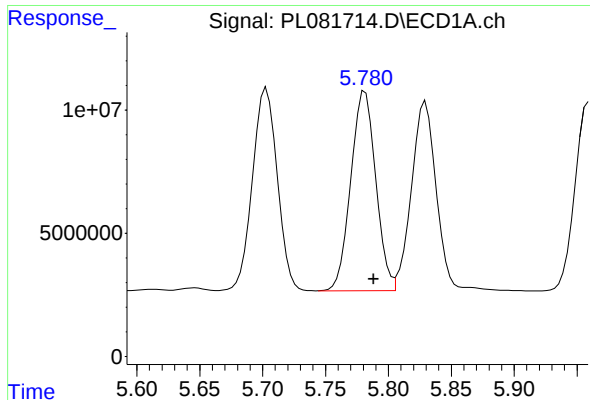
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 110973373
Conc: 42.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 102589917
Conc: 42.21 ng/ml



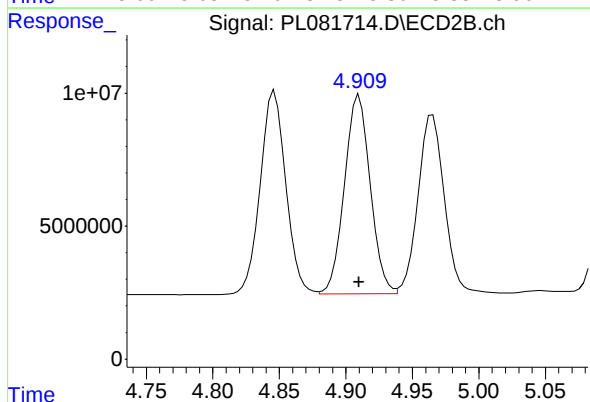
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 111705753
Conc: 43.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

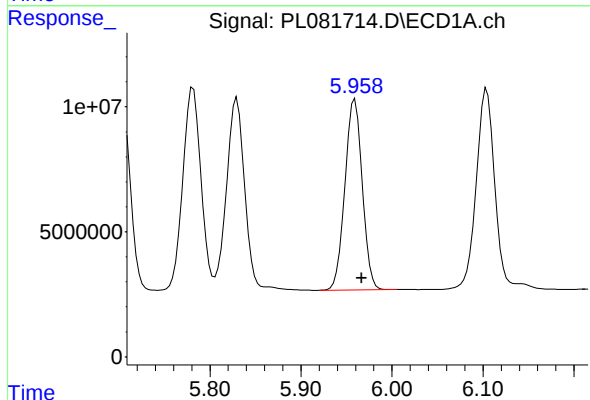
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



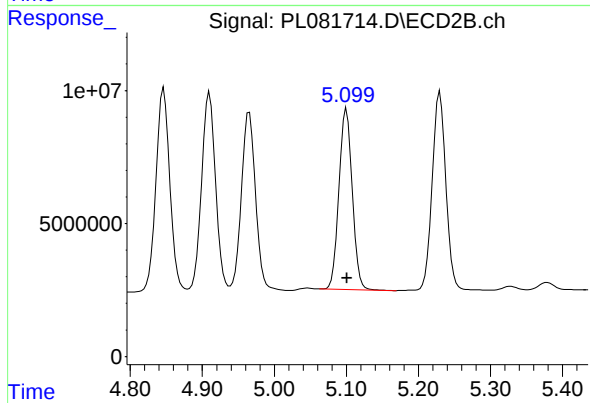
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 101000357
Conc: 41.58 ng/ml



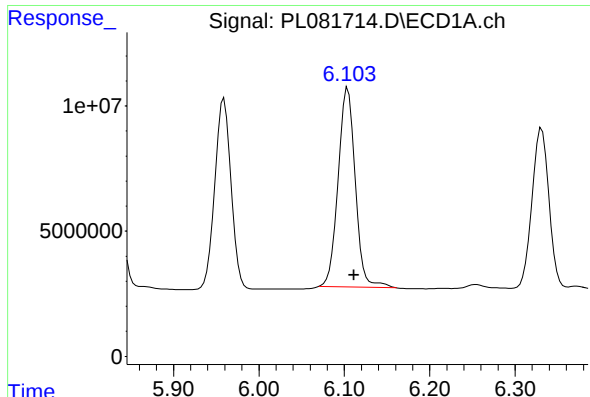
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 101461786
Conc: 45.02 ng/ml



#12 4,4'-DDE

R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 86650229
Conc: 43.99 ng/ml



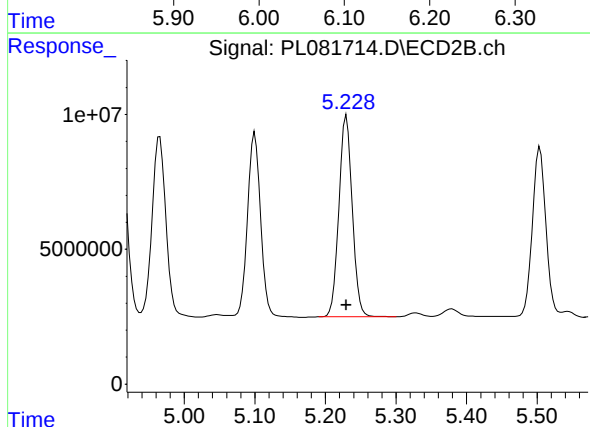
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 110689029
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

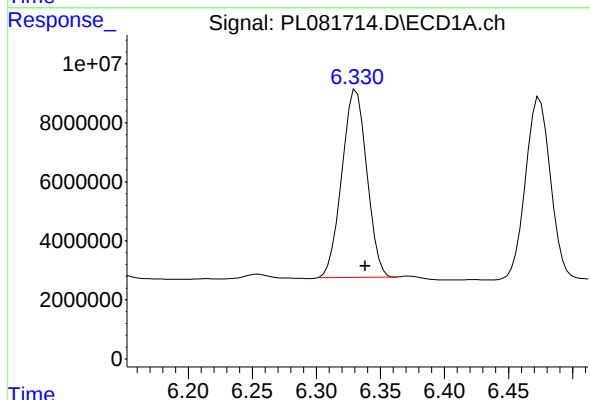
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



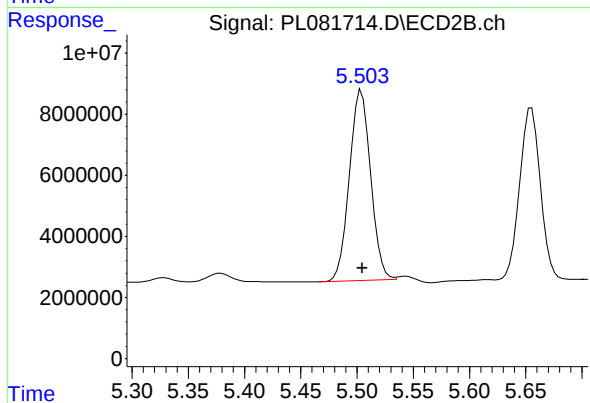
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 98220769
Conc: 43.66 ng/ml



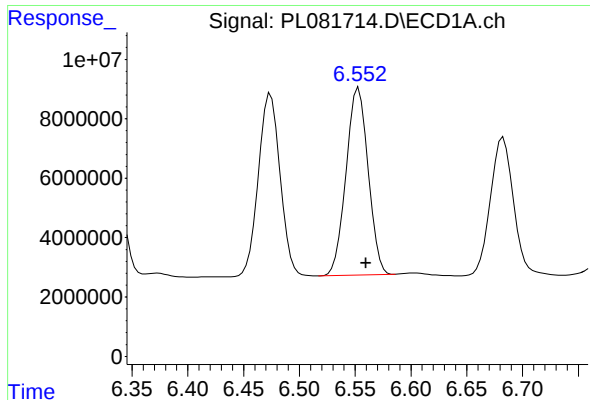
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 86326417
Conc: 40.81 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 81805924
Conc: 40.42 ng/ml



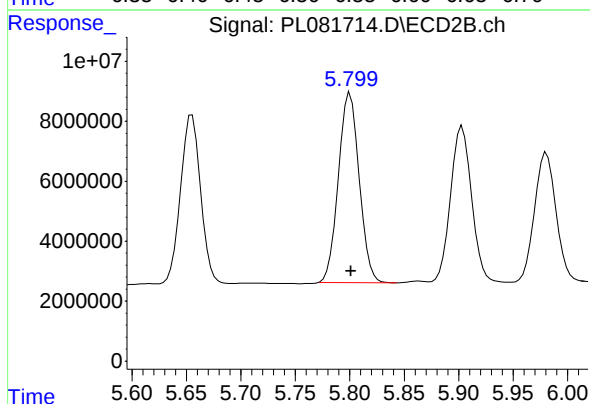
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 86905242
Conc: 40.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

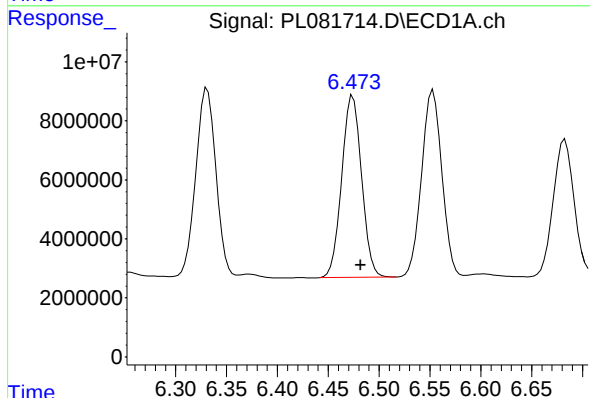
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



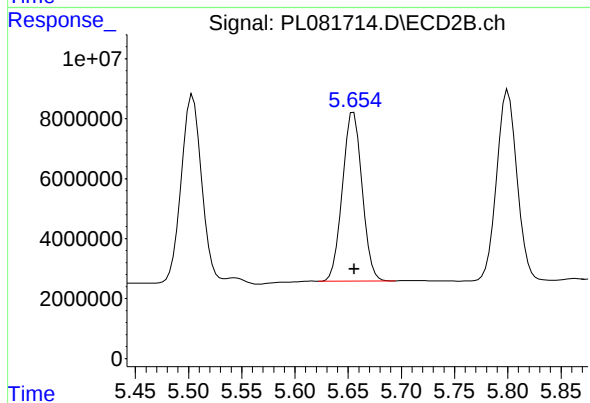
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 84028352
Conc: 46.32 ng/ml



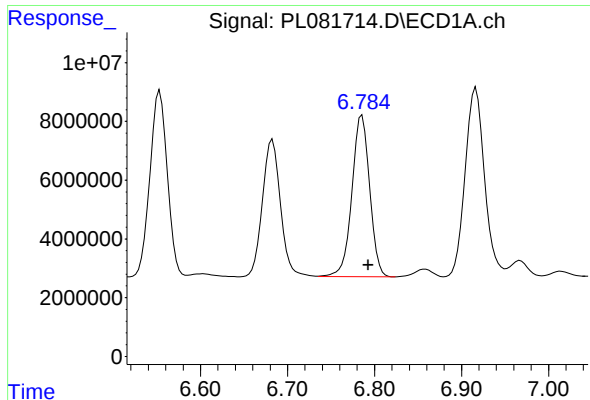
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 83682029
Conc: 46.40 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 72052438
Conc: 47.48 ng/ml



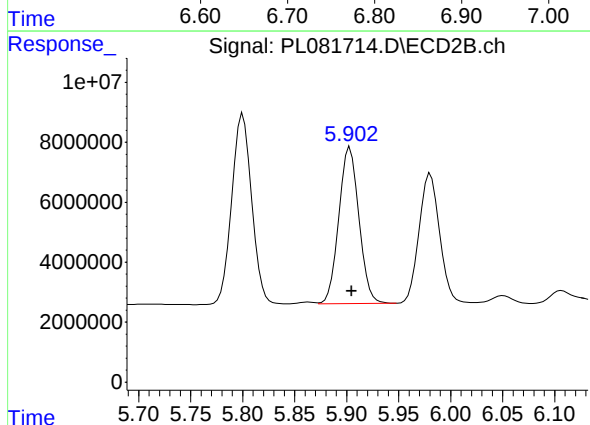
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 78113725
Conc: 38.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

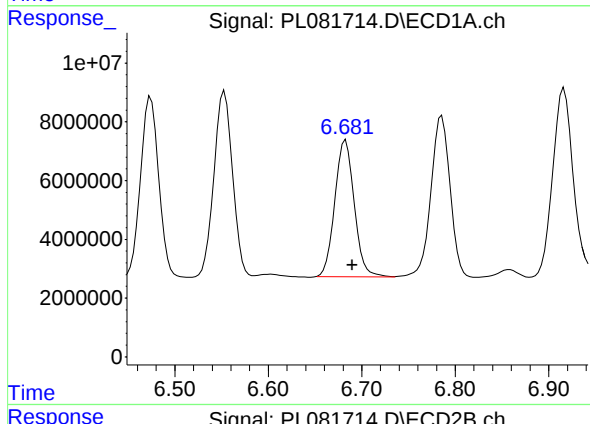
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



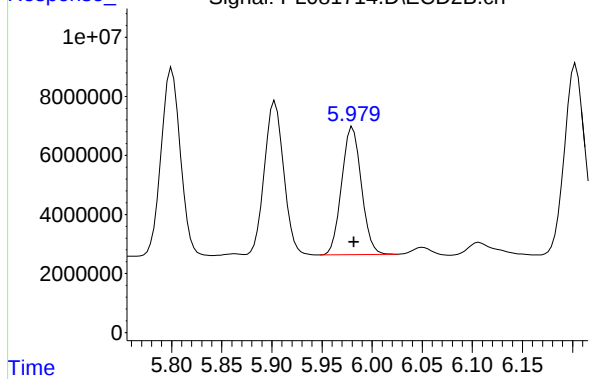
#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 70228165
Conc: 40.75 ng/ml



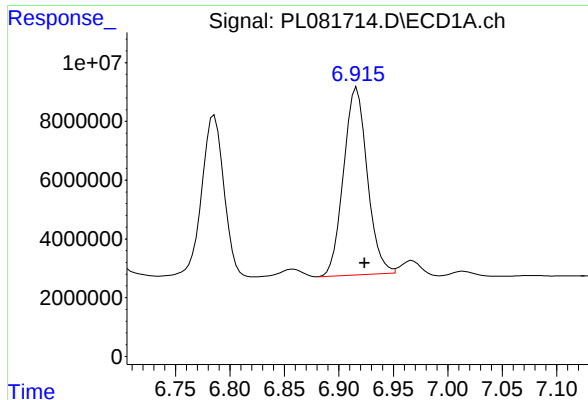
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 66914882
Conc: 40.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 59111874
Conc: 38.06 ng/ml



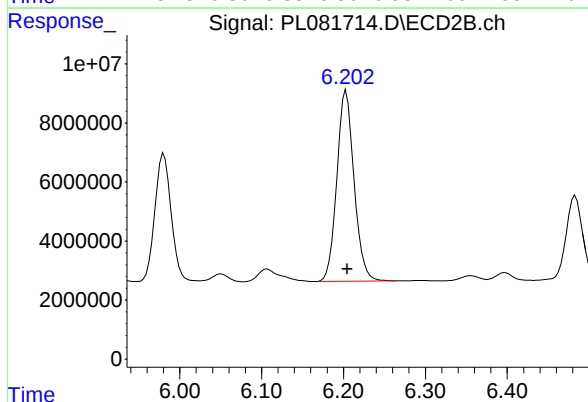
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.007 min
Response: 96518178
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

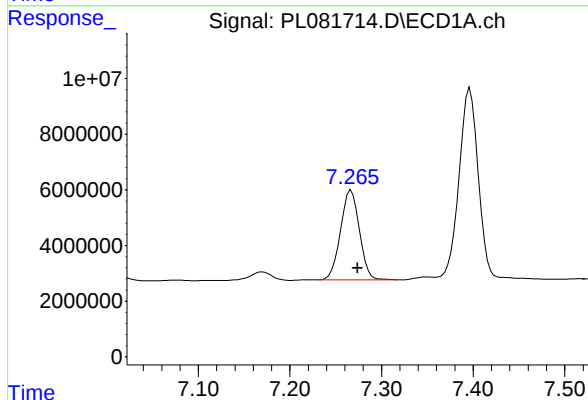
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



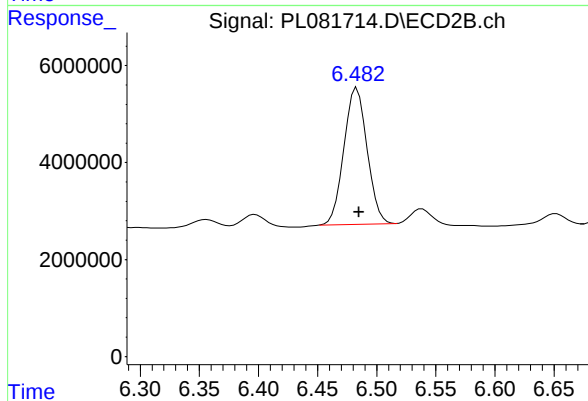
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 94477713
Conc: 48.56 ng/ml



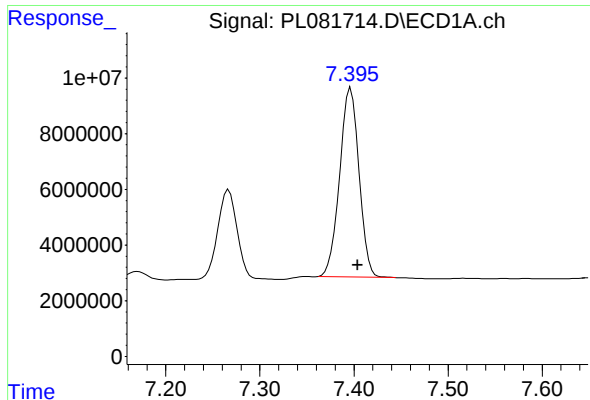
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 46243048
Conc: 42.94 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 38367308
Conc: 38.52 ng/ml



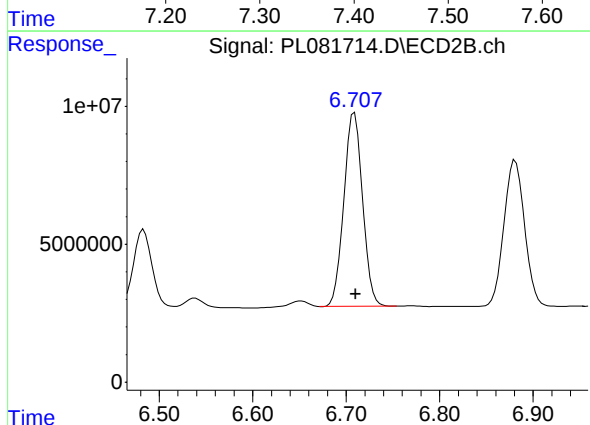
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 97245860
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

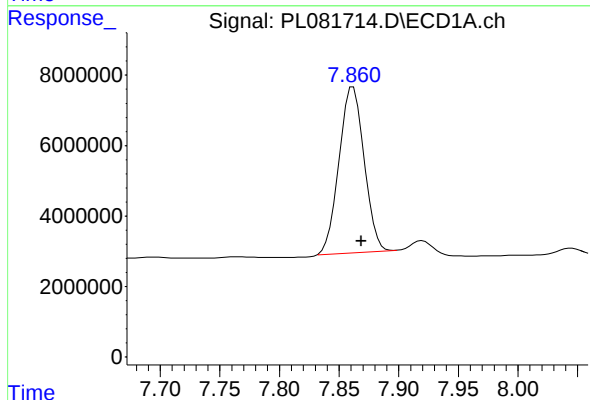
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



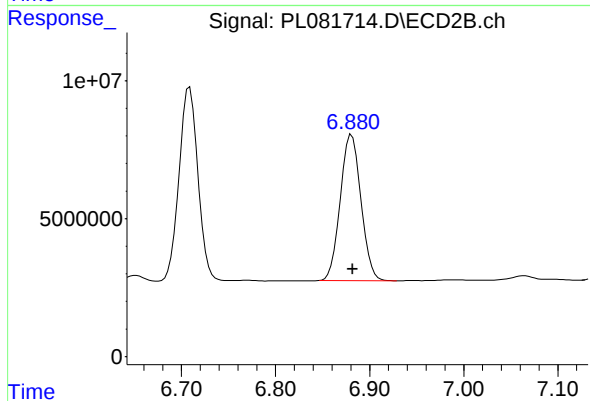
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 97582478
Conc: 45.66 ng/ml



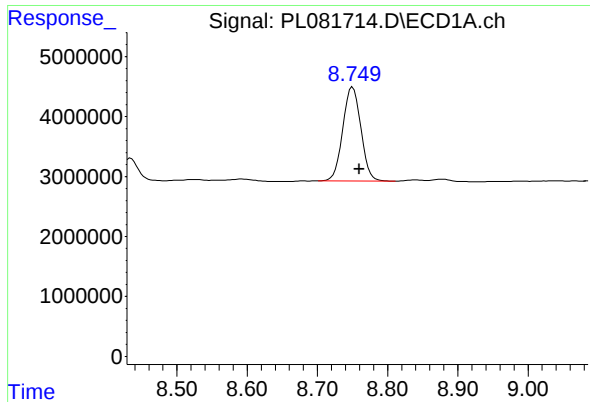
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 68959850
Conc: 40.25 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 81173545
Conc: 42.28 ng/ml



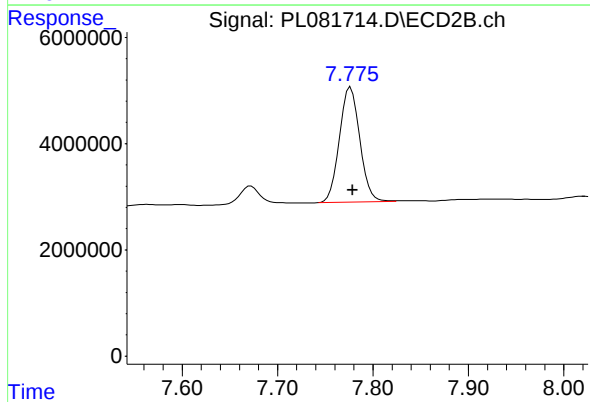
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 28198203
Conc: 15.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
R-PITMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 32190930
Conc: 16.23 ng/ml