

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 10:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:09:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.332	2.570	98232173	128.3E6	51.511	50.256
28) SA Decachlor...	8.784	7.642	70027173	89023096	46.550	47.000
Target Compounds						
2) A alpha-BHC	3.793	3.056	153.4E6	199.1E6	53.425	50.412
3) MA gamma-BHC...	4.127	3.377	140.9E6	182.4E6	52.755	50.737
4) MA Heptachlor	4.698	3.705	141.8E6	176.7E6	54.636	50.967
5) MB Aldrin	5.036	3.977	133.0E6	176.7E6	53.703	50.463
6) B beta-BHC	4.342	3.678	56371292	71085071	48.935	49.542
7) B delta-BHC	4.583	3.898	130.6E6	180.8E6	57.371	49.649
8) B Heptachlo...	5.469	4.474	123.4E6	153.9E6	58.135	51.067
9) A Endosulfan I	5.853	4.837	110.6E6	146.0E6	51.819	51.017
10) B gamma-Chl...	5.724	4.722	122.1E6	155.7E6	54.115	50.793
11) B alpha-Chl...	5.800	4.784	120.6E6	151.7E6	52.126	50.909
12) B 4,4'-DDE	5.984	4.979	102.5E6	142.7E6	51.199	52.432
13) MA Dieldrin	6.131	5.099	108.0E6	151.4E6	50.088	51.110
14) MA Endrin	6.361	5.370	87875958	128.7E6	46.304	49.388
15) B Endosulfa...	6.589	5.667	86730367	123.2E6	46.228m	54.113
16) A 4,4'-DDD	6.509	5.531	84120724	124.0E6	50.462	56.479
17) MA 4,4'-DDT	6.819	5.776	79690028	109.8E6	44.462	50.603m
18) B Endrin al...	6.722	5.846	68860951	95773600	47.325	51.031
19) B Endosulfa...	6.954	6.068	89184913	123.6E6	48.472m	51.904
20) A Methoxychlor	7.303	6.355	41511675	54166549	45.078	47.732
21) B Endrin ke...	7.441	6.564	90321084	135.4E6	48.008	52.392
22) Mirex	7.898	6.737	67116598	94786184	45.976	48.165

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 10:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

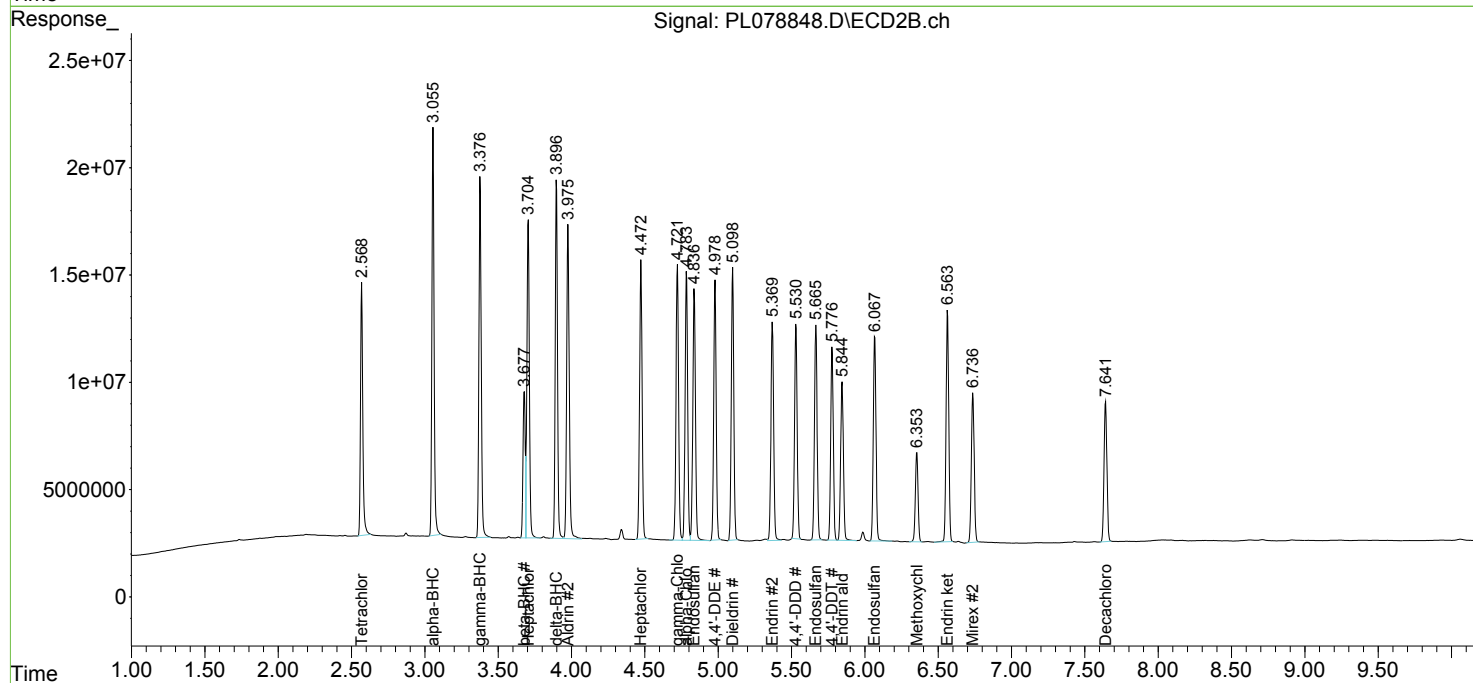
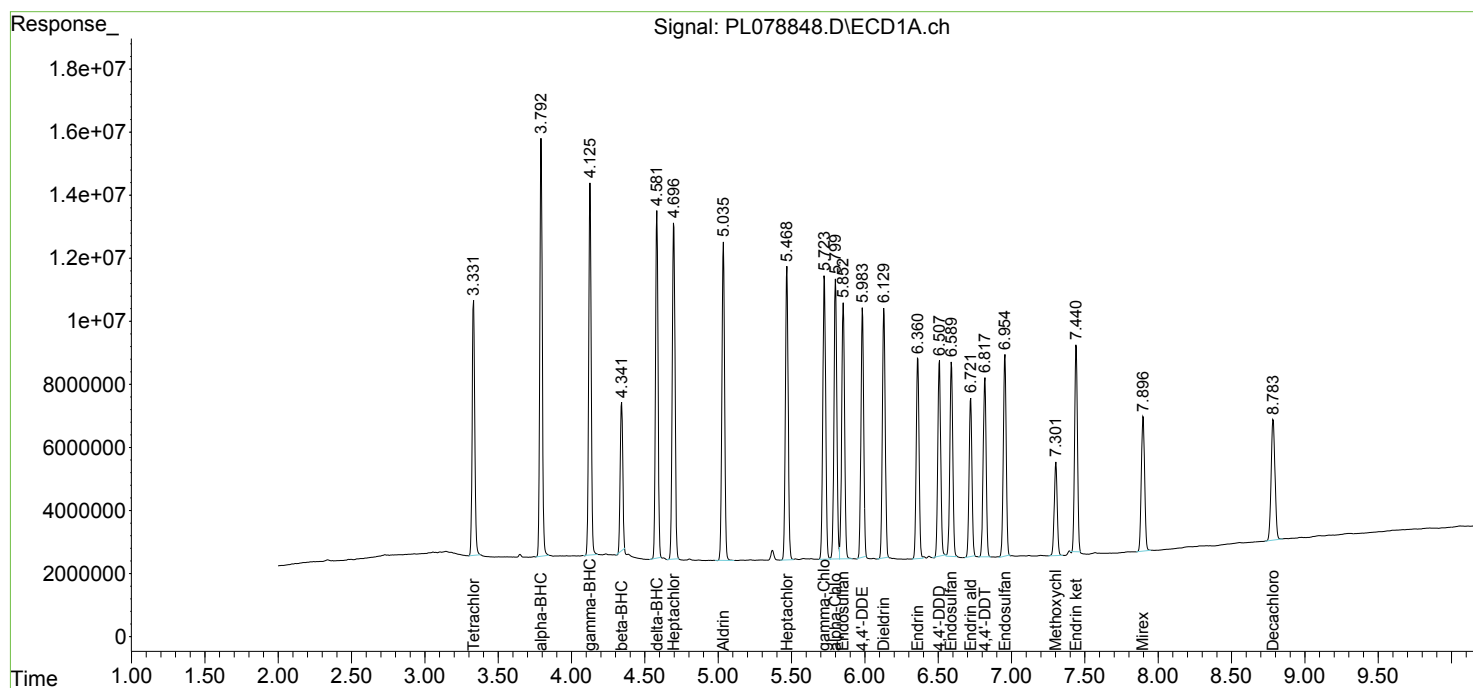
APPROVED

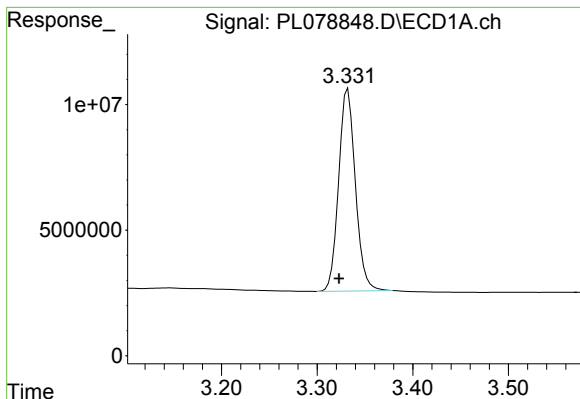
Reviewed By :Abdul Mirza 11/08/2022

Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:09:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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





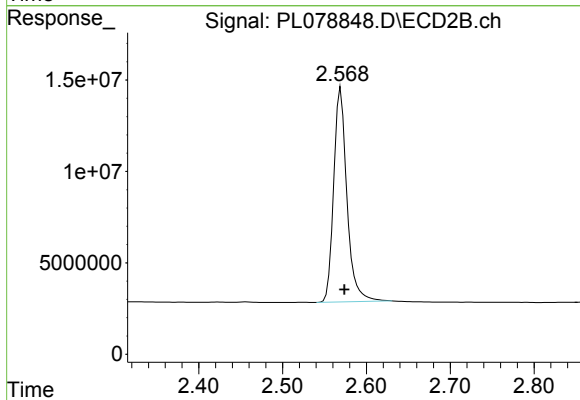
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: 0.009 min
Response: 98232173
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

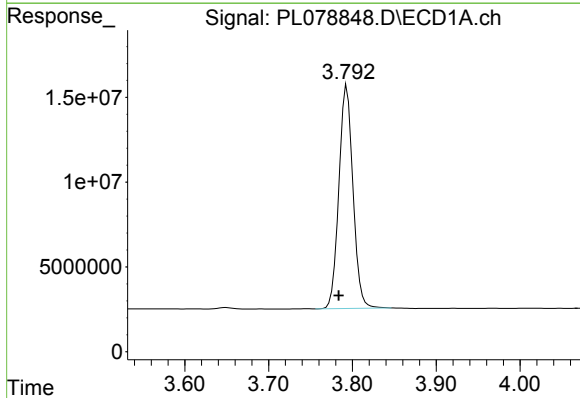
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



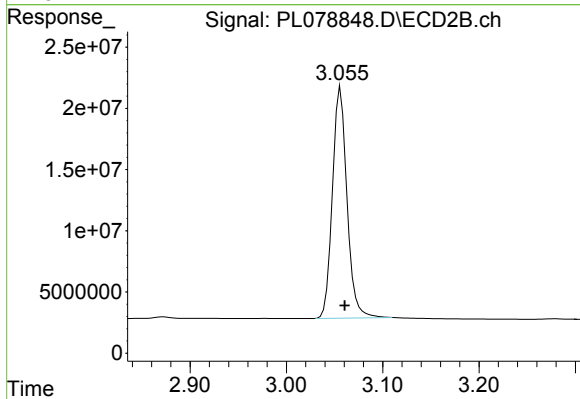
#1 Tetrachloro-m-xylene

R.T.: 2.570 min
Delta R.T.: -0.004 min
Response: 128313328
Conc: 50.26 ng/ml



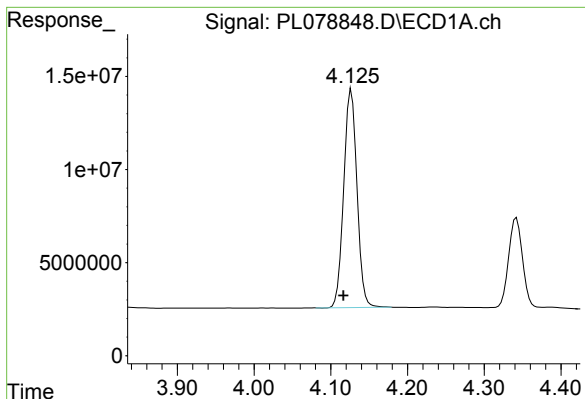
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.010 min
Response: 153402212
Conc: 53.42 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.004 min
Response: 199078634
Conc: 50.41 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: 0.010 min
Response: 140947400
Conc: 52.76 ng/ml

Instrument :

ECD_L

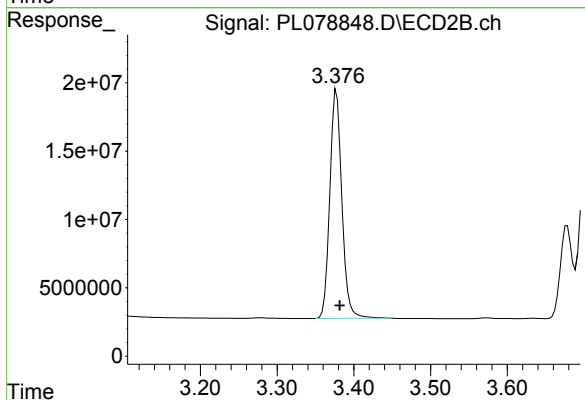
ClientSampleId :

PSTDCCC050

Manual Integrations

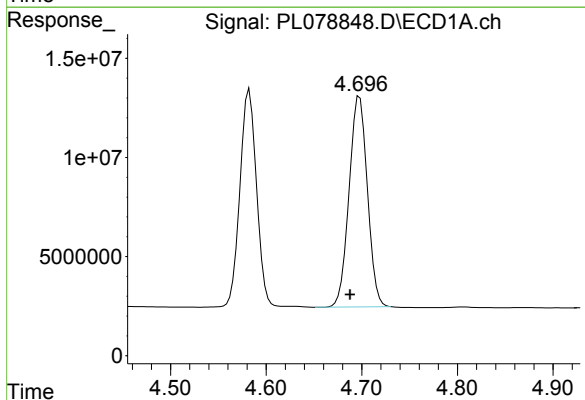
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



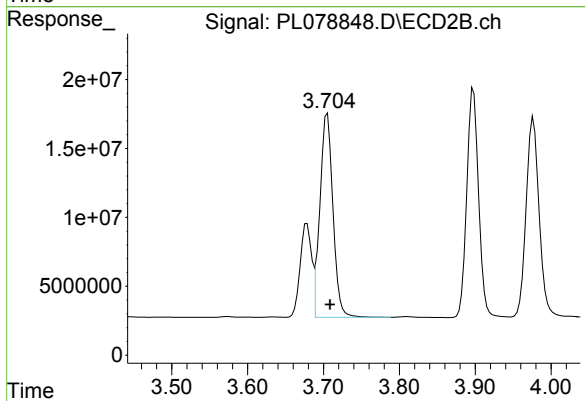
#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.004 min
Response: 182359110
Conc: 50.74 ng/ml



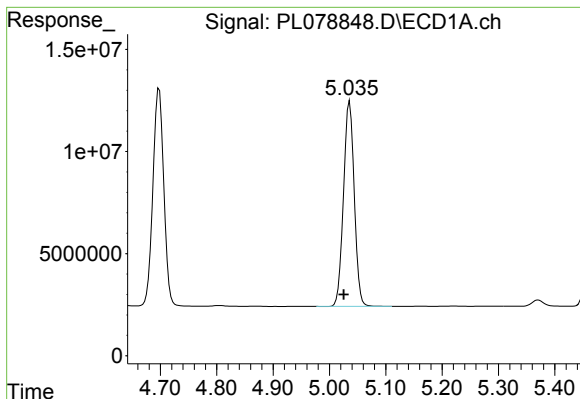
#4 Heptachlor

R.T.: 4.698 min
Delta R.T.: 0.010 min
Response: 141836974
Conc: 54.64 ng/ml



#4 Heptachlor

R.T.: 3.705 min
Delta R.T.: -0.004 min
Response: 176743356
Conc: 50.97 ng/ml



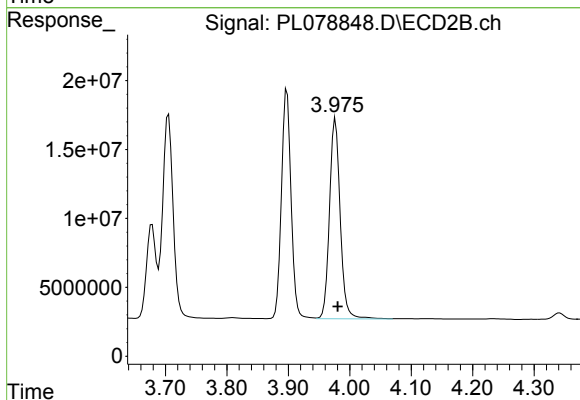
#5 Aldrin

R.T.: 5.036 min
Delta R.T.: 0.011 min
Response: 133007329
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

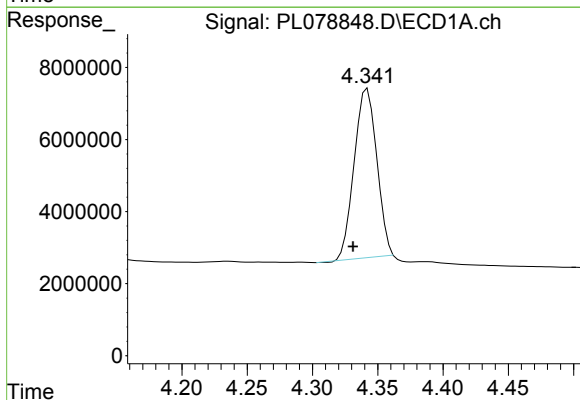
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



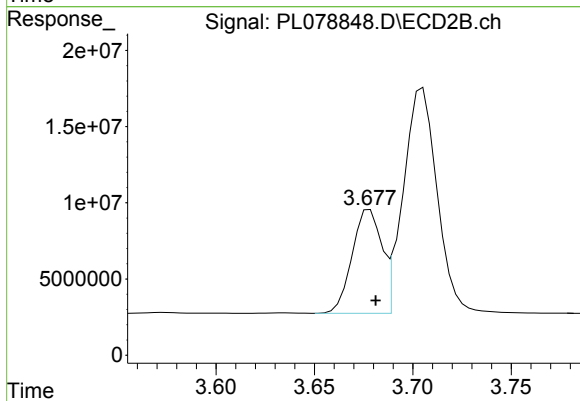
#5 Aldrin

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 176706587
Conc: 50.46 ng/ml



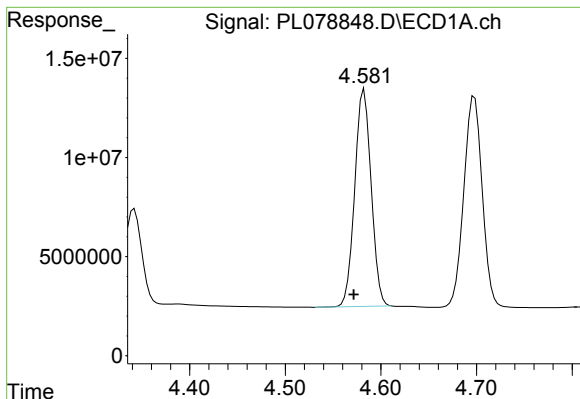
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.011 min
Response: 56371292
Conc: 48.93 ng/ml



#6 beta-BHC

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: 71085071
Conc: 49.54 ng/ml



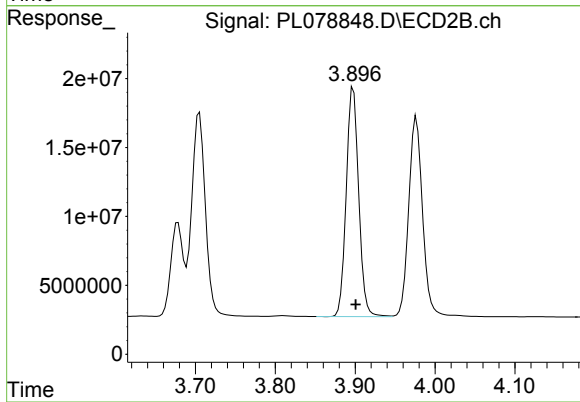
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: 0.011 min
Response: 130625173
Conc: 57.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

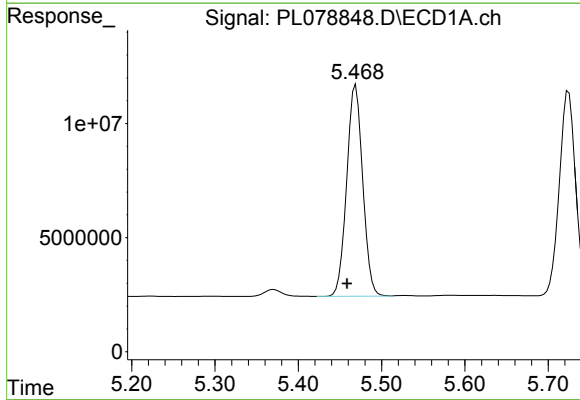
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



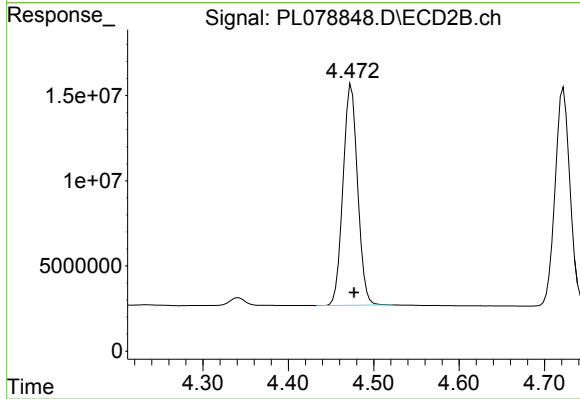
#7 delta-BHC

R.T.: 3.898 min
Delta R.T.: -0.003 min
Response: 180787263
Conc: 49.65 ng/ml



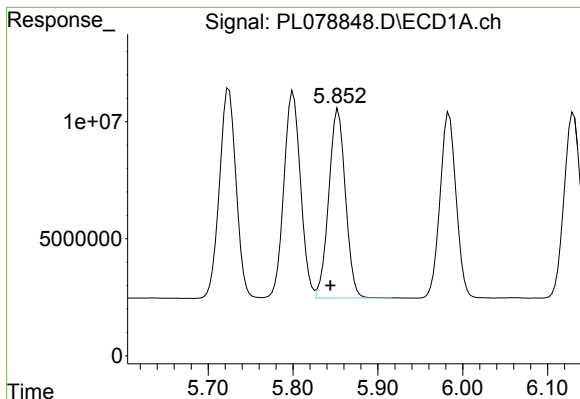
#8 Heptachlor epoxide

R.T.: 5.469 min
Delta R.T.: 0.010 min
Response: 123422287
Conc: 58.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 153875285
Conc: 51.07 ng/ml



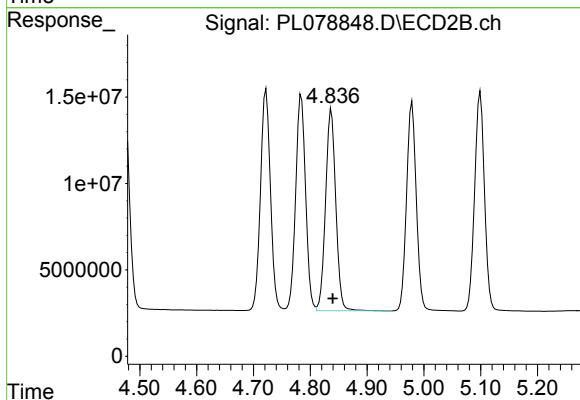
#9 Endosulfan I

R.T.: 5.853 min
Delta R.T.: 0.009 min
Response: 110559737
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

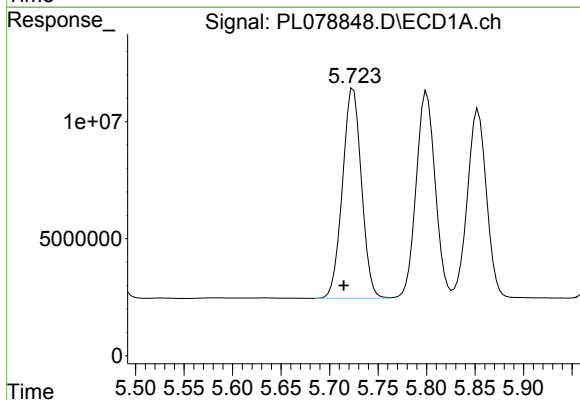
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



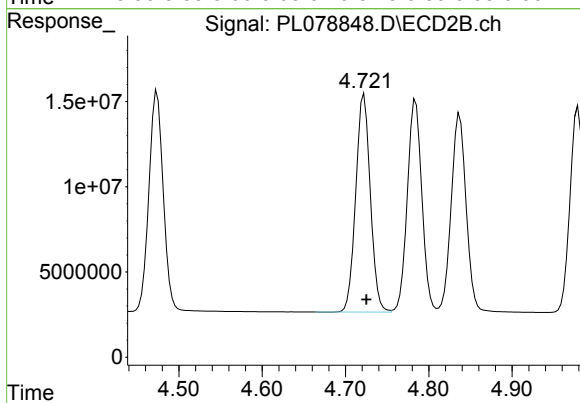
#9 Endosulfan I

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 146043096
Conc: 51.02 ng/ml



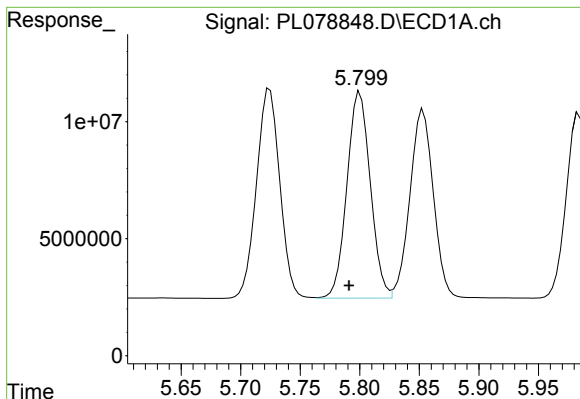
#10 gamma-Chlordane

R.T.: 5.724 min
Delta R.T.: 0.010 min
Response: 122146539
Conc: 54.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 155652321
Conc: 50.79 ng/ml



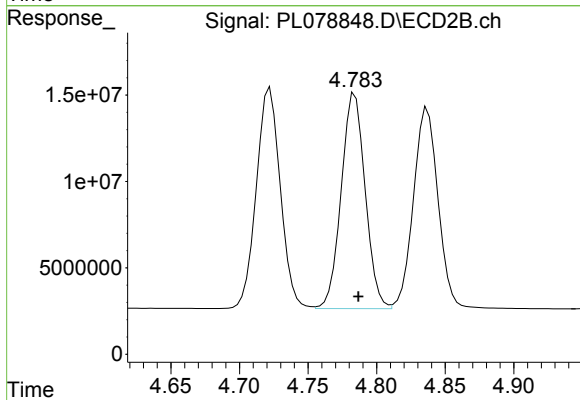
#11 alpha-Chlordane

R.T.: 5.800 min
Delta R.T.: 0.009 min
Response: 120609176
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

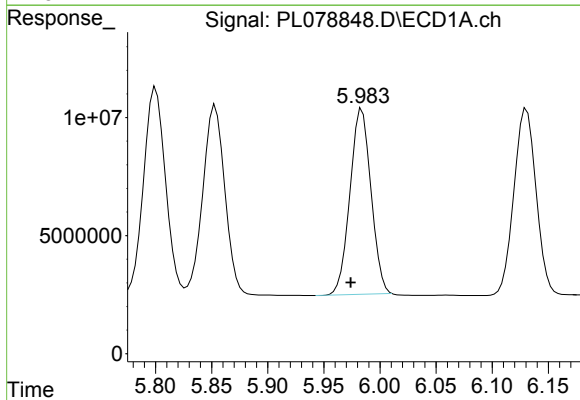
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



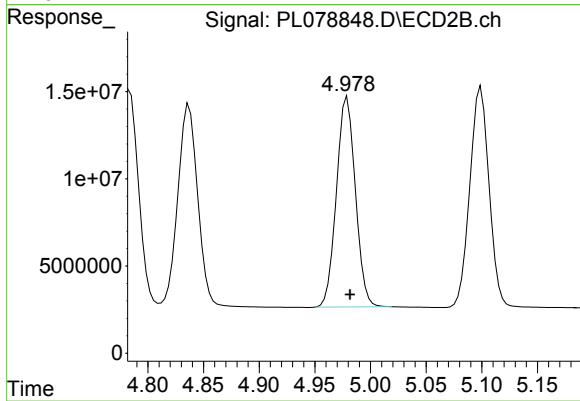
#11 alpha-Chlordane

R.T.: 4.784 min
Delta R.T.: -0.003 min
Response: 151727644
Conc: 50.91 ng/ml



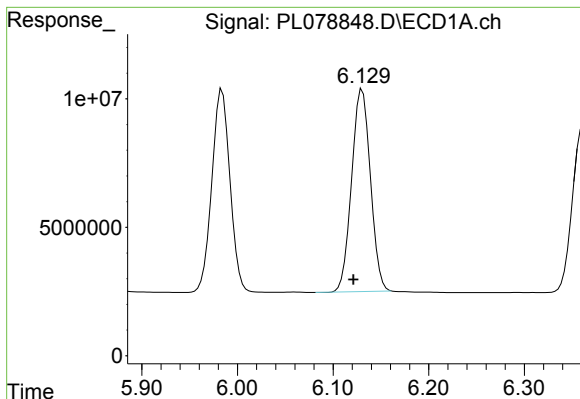
#12 4,4'-DDE

R.T.: 5.984 min
Delta R.T.: 0.010 min
Response: 102466946
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 142747764
Conc: 52.43 ng/ml



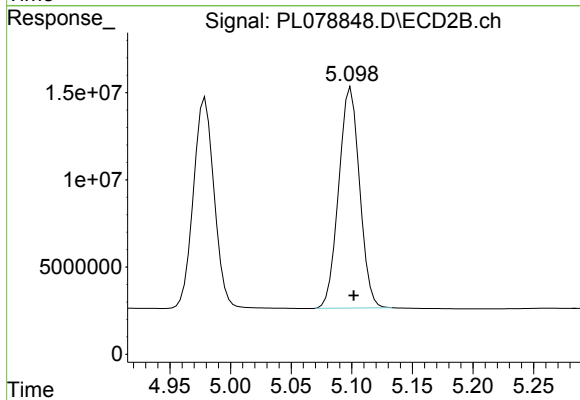
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: 0.009 min
Response: 108014351
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

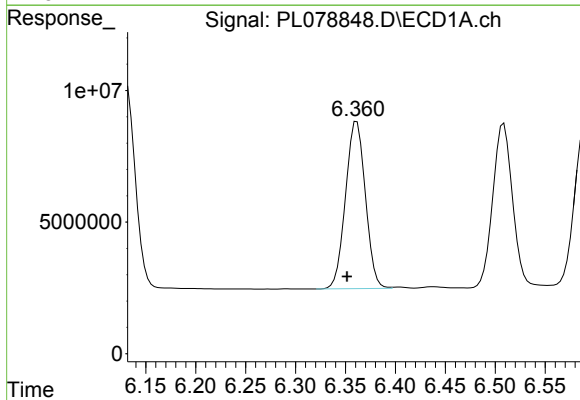
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



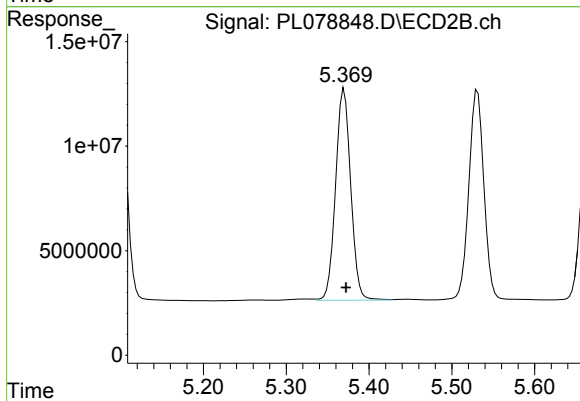
#13 Dieldrin

R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 151443331
Conc: 51.11 ng/ml



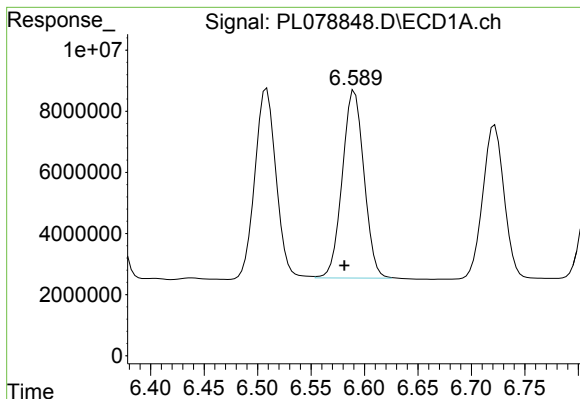
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.010 min
Response: 87875958
Conc: 46.30 ng/ml



#14 Endrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 128667243
Conc: 49.39 ng/ml



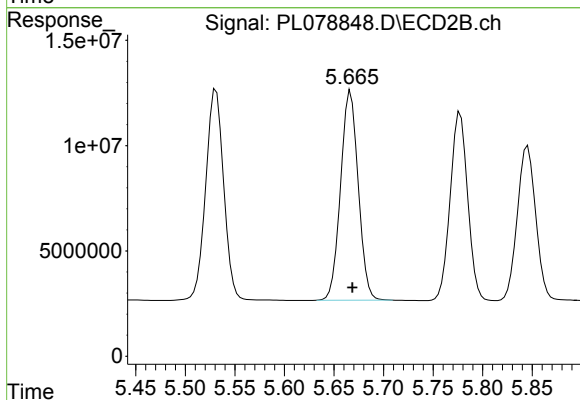
#15 Endosulfan II

R.T.: 6.589 min
Delta R.T.: 0.008 min
Response: 86730367
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

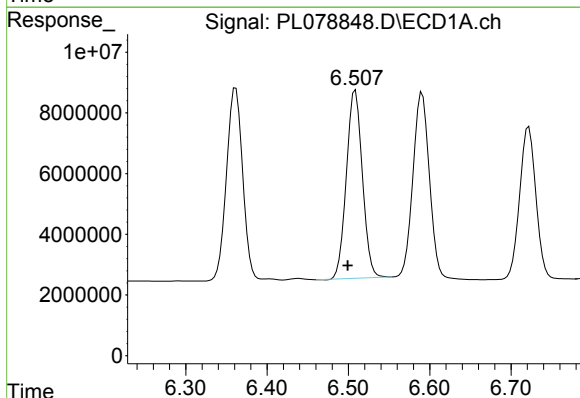
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



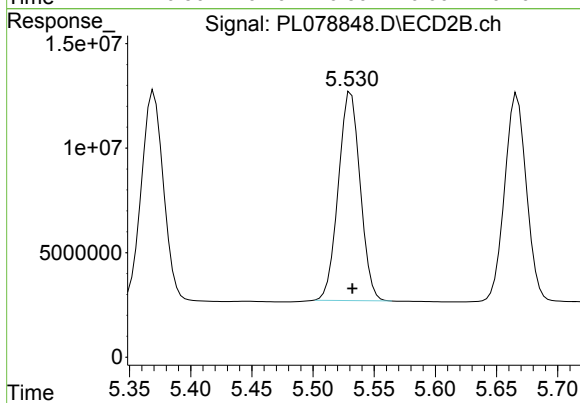
#15 Endosulfan II

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 123176857
Conc: 54.11 ng/ml



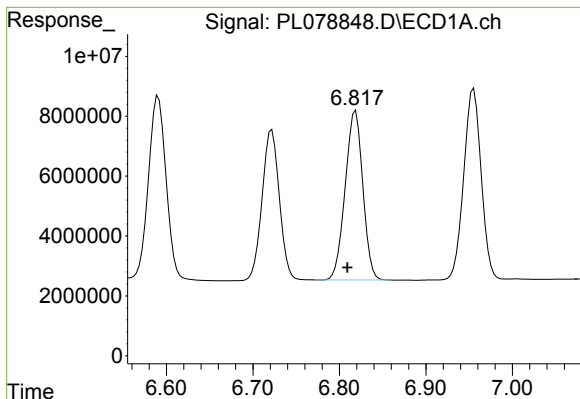
#16 4,4'-DDD

R.T.: 6.509 min
Delta R.T.: 0.010 min
Response: 84120724
Conc: 50.46 ng/ml



#16 4,4'-DDD

R.T.: 5.531 min
Delta R.T.: -0.001 min
Response: 124048881
Conc: 56.48 ng/ml



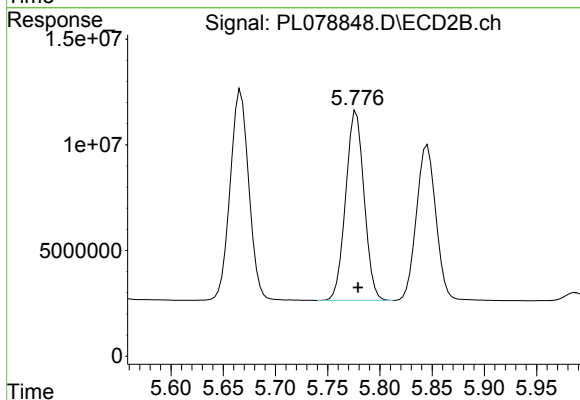
#17 4,4'-DDT

R.T.: 6.819 min
Delta R.T.: 0.009 min
Response: 79690028
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

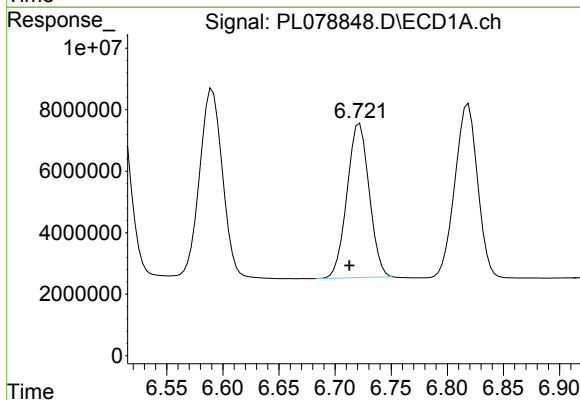
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



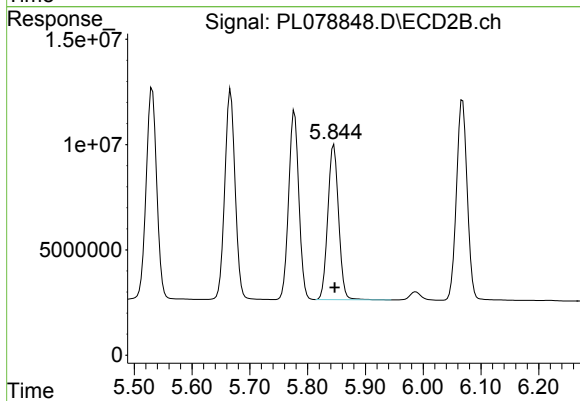
#17 4,4'-DDT

R.T.: 5.776 min
Delta R.T.: -0.003 min
Response: 109763736
Conc: 50.60 ng/ml m



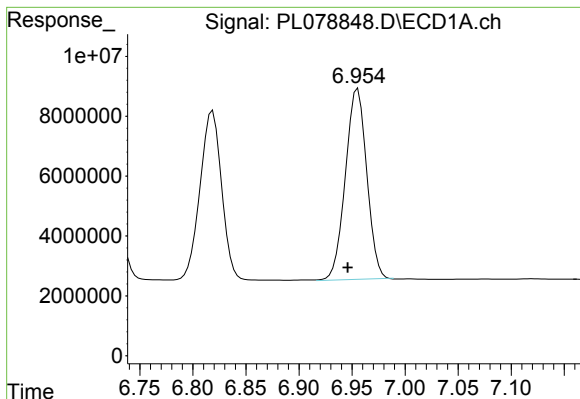
#18 Endrin aldehyde

R.T.: 6.722 min
Delta R.T.: 0.009 min
Response: 68860951
Conc: 47.33 ng/ml



#18 Endrin aldehyde

R.T.: 5.846 min
Delta R.T.: -0.002 min
Response: 95773600
Conc: 51.03 ng/ml



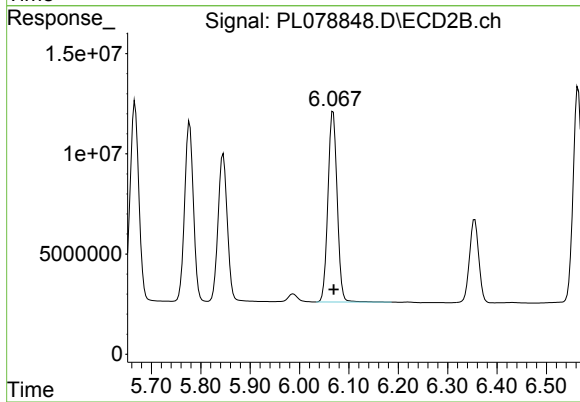
#19 Endosulfan Sulfate

R.T.: 6.954 min
Delta R.T.: 0.008 min
Response: 89184913
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

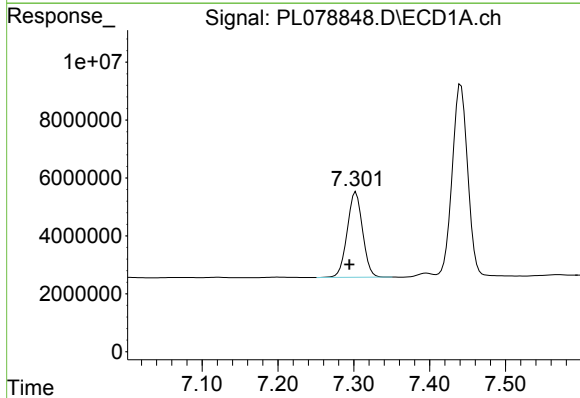
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



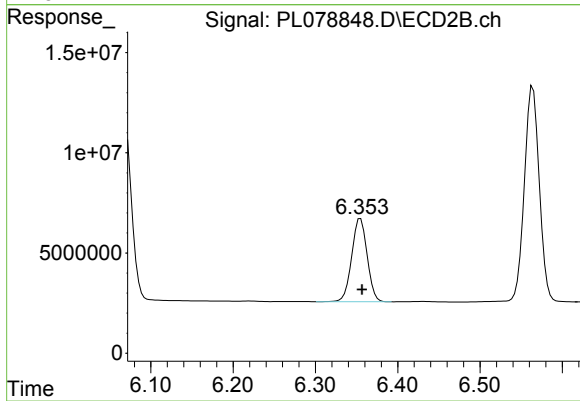
#19 Endosulfan Sulfate

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 123557657
Conc: 51.90 ng/ml



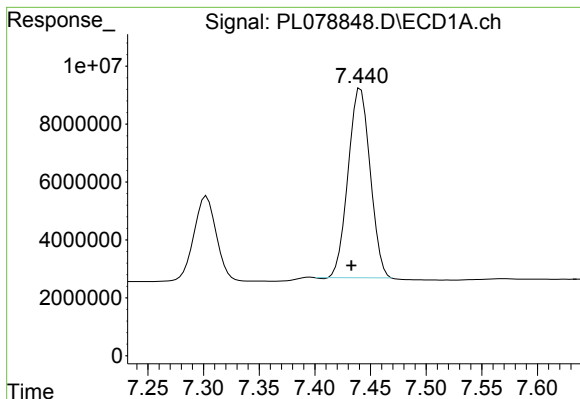
#20 Methoxychlor

R.T.: 7.303 min
Delta R.T.: 0.009 min
Response: 41511675
Conc: 45.08 ng/ml



#20 Methoxychlor

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 54166549
Conc: 47.73 ng/ml



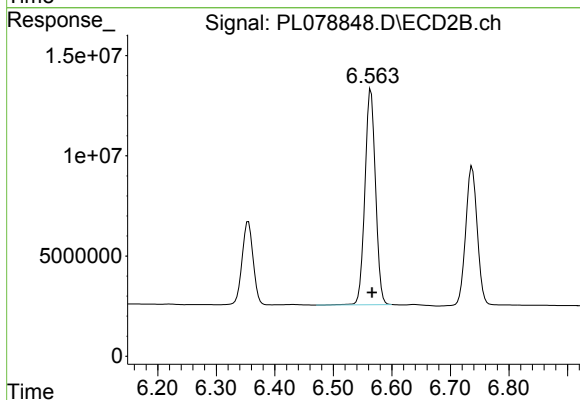
#21 Endrin ketone

R.T.: 7.441 min
Delta R.T.: 0.008 min
Response: 90321084
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

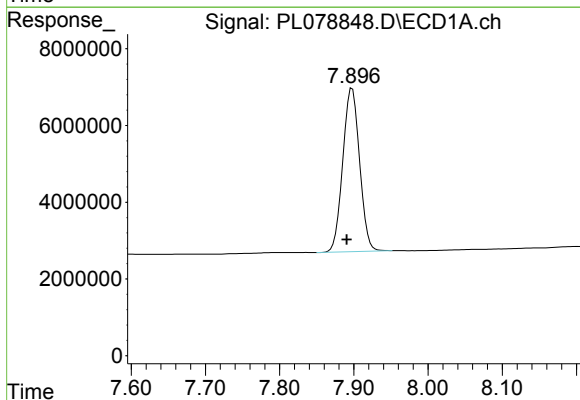
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



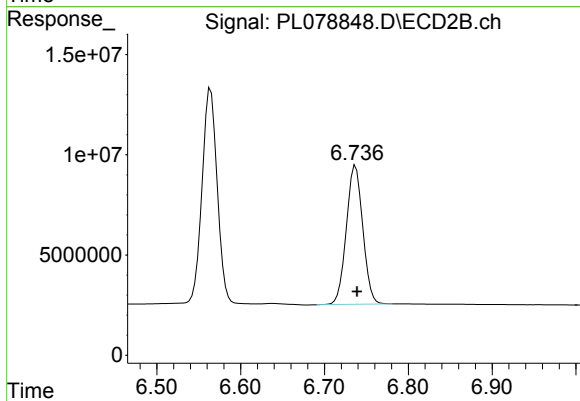
#21 Endrin ketone

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 135420631
Conc: 52.39 ng/ml



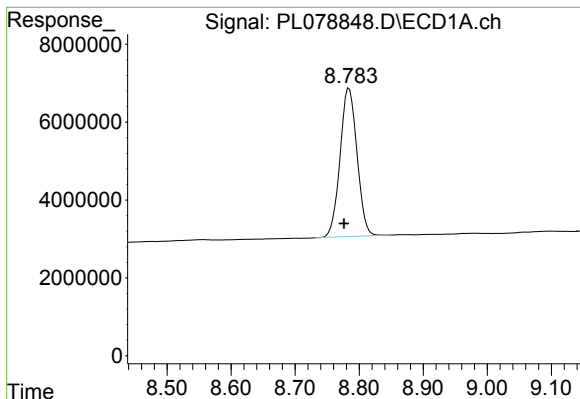
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.007 min
Response: 67116598
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 94786184
Conc: 48.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.008 min
Response: 70027173
Conc: 46.55 ng/ml

Instrument :

ECD_L

ClientSampleId :

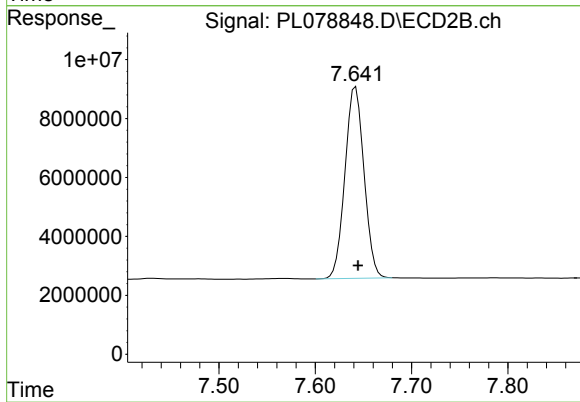
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/08/2022

Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 89023096
Conc: 47.00 ng/ml