

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 17:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 17:27:58 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...	3.333	2.654	120.3E6	103.5E6	51.732	51.827
28) SA Decachlor...	8.754	7.773	85969985	99437461	48.038	50.139
Target Compounds						
2) A alpha-BHC	3.782	3.153	184.4E6	153.9E6	53.772	52.793
3) MA gamma-BHC...	4.110	3.481	167.4E6	142.7E6	52.707	51.261
4) MA Heptachlor	4.689	3.815	149.1E6	140.0E6	47.292	48.816
5) MB Aldrin	5.026	4.092	147.8E6	139.7E6	51.666	52.416
6) B beta-BHC	4.313	3.781	73555913	61840333	48.872	51.924
7) B delta-BHC	4.554	4.008	163.4E6	138.2E6	53.764	53.450
8) B Heptachlo...	5.453	4.594	133.3E6	131.5E6	49.008	54.138
9) A Endosulfan I	5.833	4.962	120.9E6	123.4E6	48.924	55.890
10) B gamma-Chl...	5.707	4.843	131.9E6	134.7E6	50.231	55.417
11) B alpha-Chl...	5.785	4.907	129.4E6	133.4E6	50.004	54.937
12) B 4,4'-DDE	5.963	5.097	113.8E6	109.5E6	50.494	55.608
13) MA Dieldrin	6.108	5.227	124.7E6	124.9E6	51.511	55.518
14) MA Endrin	6.333	5.501	116.4E6	108.2E6	55.042m	53.450
15) B Endosulfa...	6.556	5.798	100.5E6	96852491	47.340	53.390
16) A 4,4'-DDD	6.476	5.651	94719480	86974458	52.520m	57.313m
17) MA 4,4'-DDT	6.789	5.901	83365270	77530986	41.074	44.991
18) B Endrin al...	6.686	5.978	82636099	80637746	50.508	51.924
19) B Endosulfa...	6.920	6.200	103.8E6	103.9E6	49.791	53.392
20) A Methoxychlor	7.269	6.480	44229816	44957767	41.072	45.137
21) B Endrin ke...	7.399	6.706	102.0E6	108.6E6	48.719	50.841
22) Mirex	7.864	6.878	81986466	97635571	47.854	50.859

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
Data File : PL081797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2023 17:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

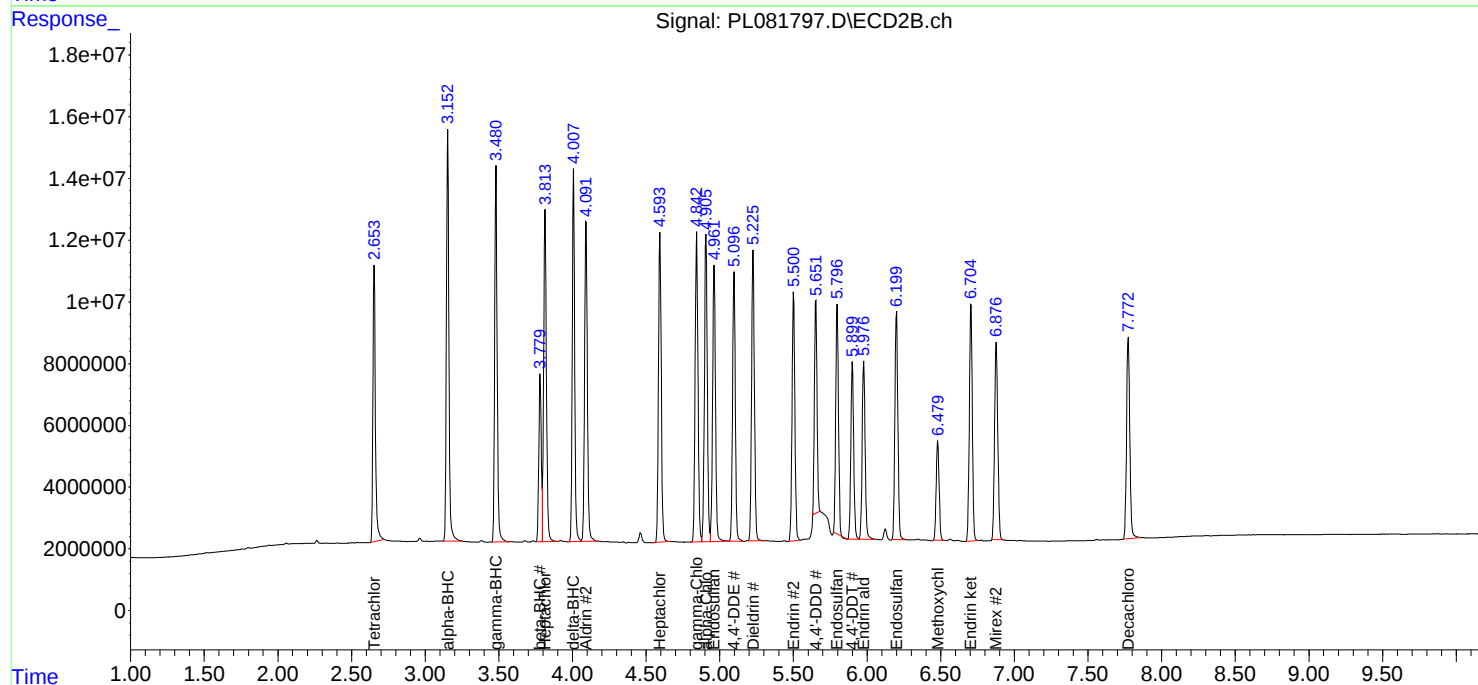
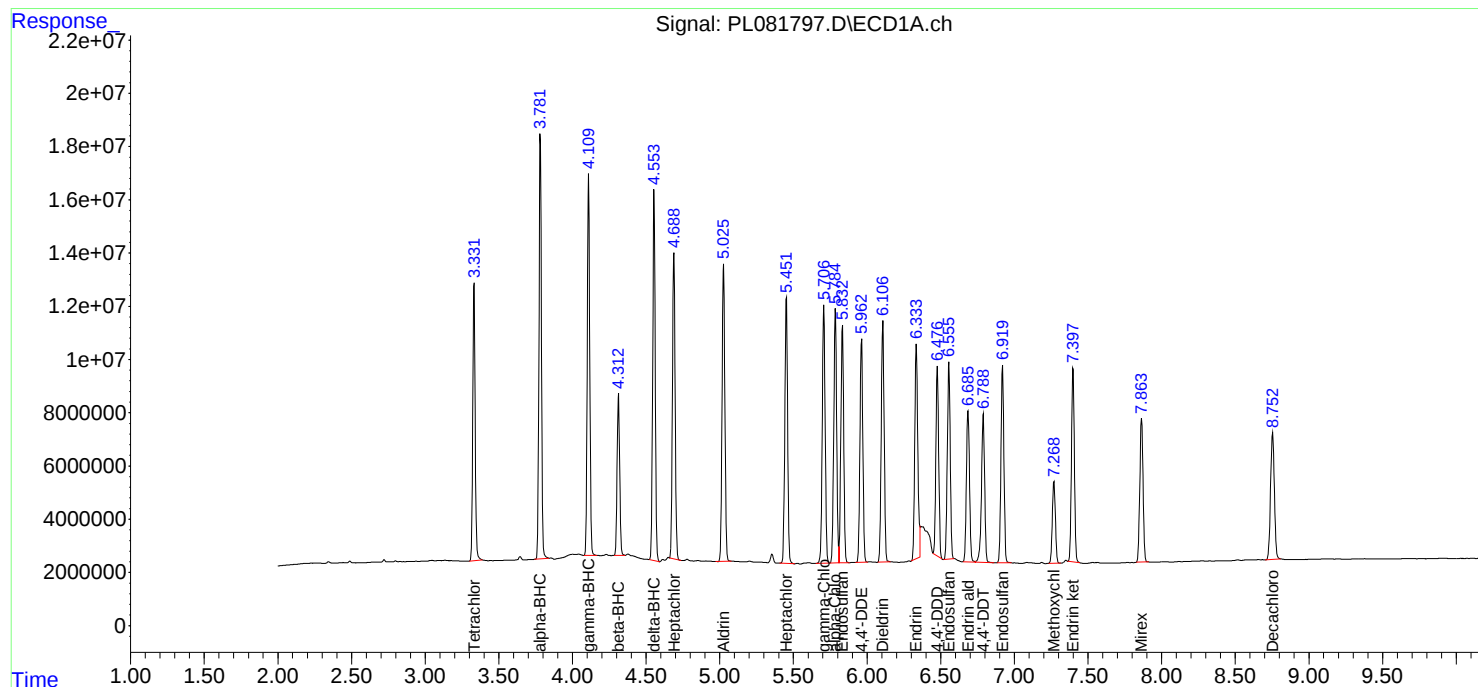
APPROVED

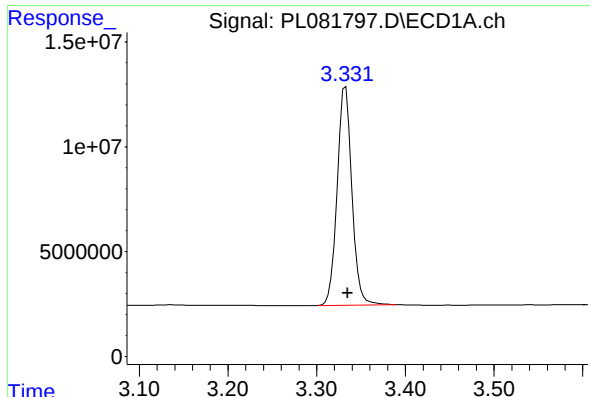
Reviewed By :Abdul Mirza 03/31/2023

Supervised By :mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 17:27:58 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





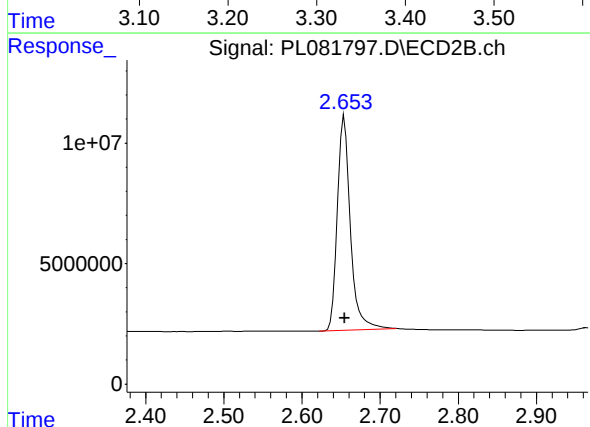
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 120323393
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

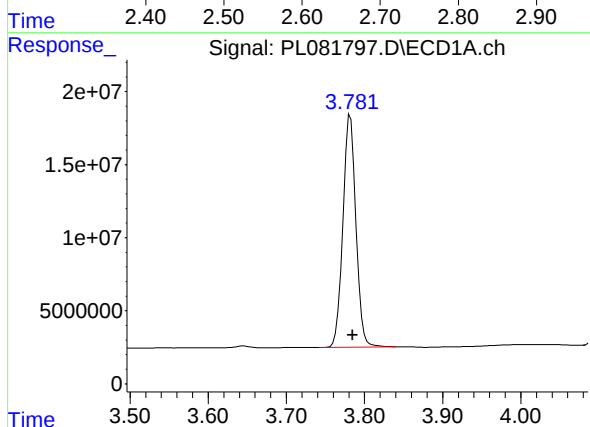
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



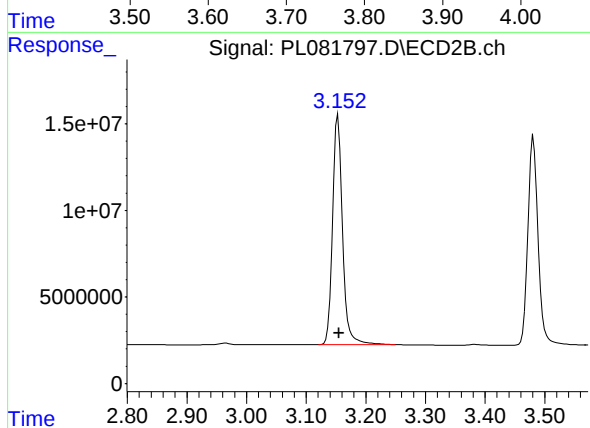
#1 Tetrachloro-m-xylene

R.T.: 2.654 min
Delta R.T.: 0.000 min
Response: 103455093
Conc: 51.83 ng/ml



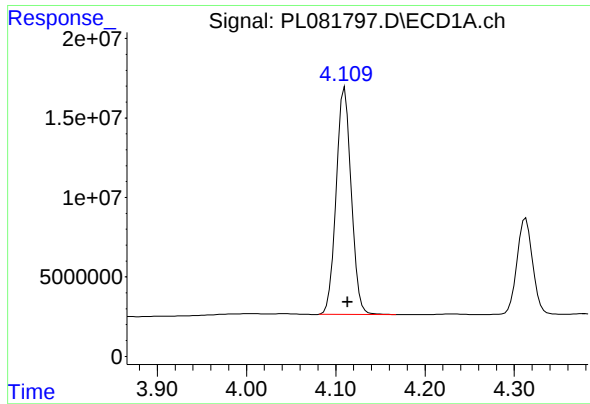
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 184350120
Conc: 53.77 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.001 min
Response: 153892607
Conc: 52.79 ng/ml



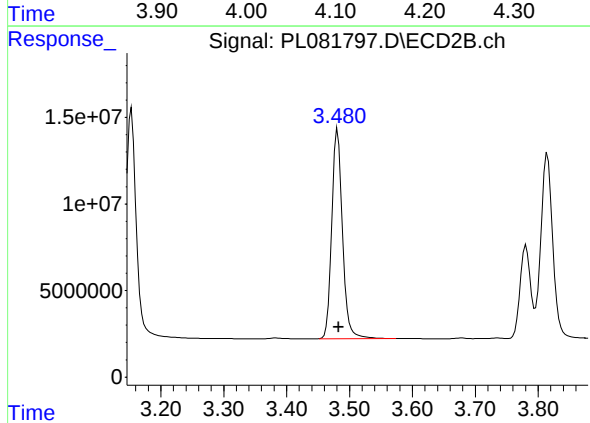
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.003 min
Response: 167441037
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

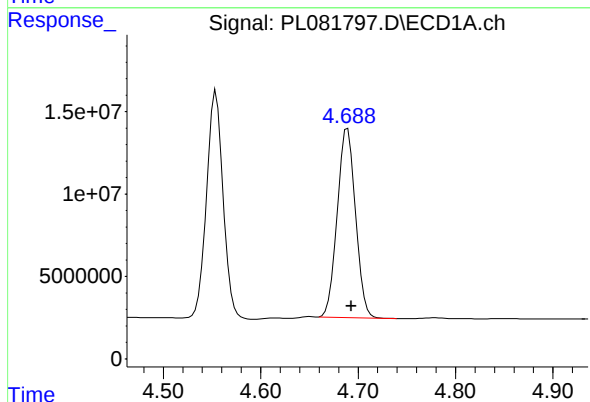
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



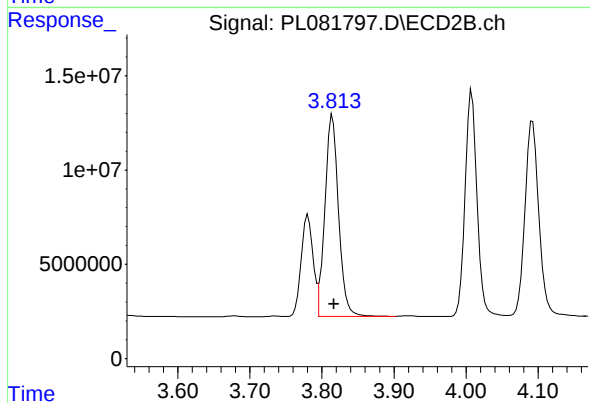
#3 gamma-BHC (Lindane)

R.T.: 3.481 min
Delta R.T.: -0.002 min
Response: 142722512
Conc: 51.26 ng/ml



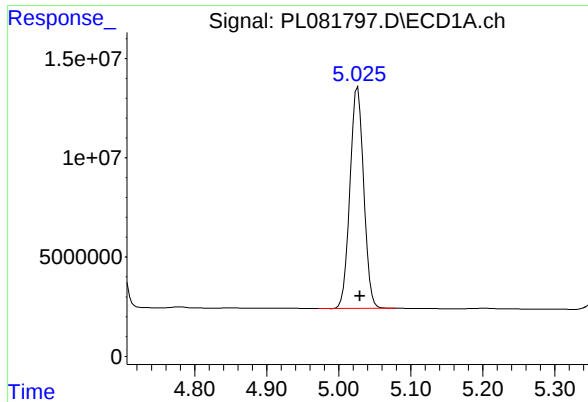
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 149071046
Conc: 47.29 ng/ml



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 139953216
Conc: 48.82 ng/ml



#5 Aldrin

R.T.: 5.026 min
Delta R.T.: -0.003 min
Response: 147778648
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023

#5 Aldrin

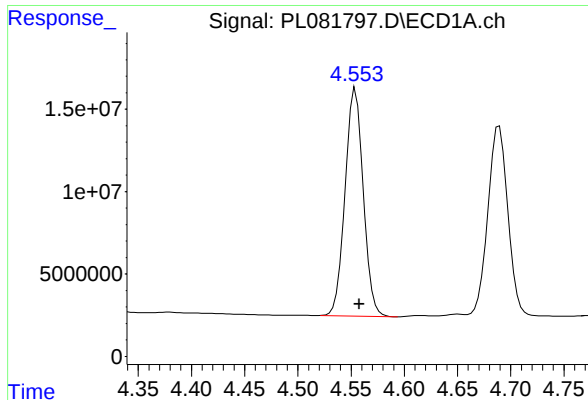
R.T.: 4.092 min
Delta R.T.: -0.002 min
Response: 139659758
Conc: 52.42 ng/ml

#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 73555913
Conc: 48.87 ng/ml

#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 61840333
Conc: 51.92 ng/ml



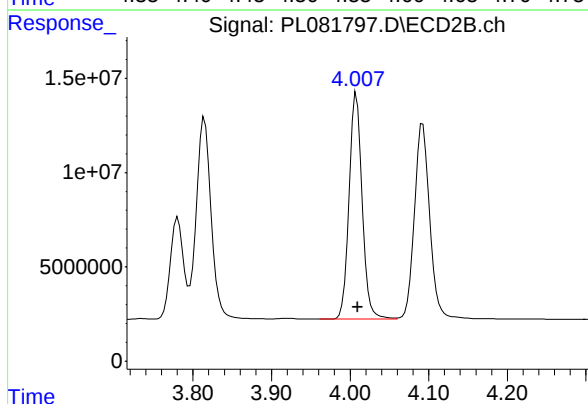
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 163399693
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

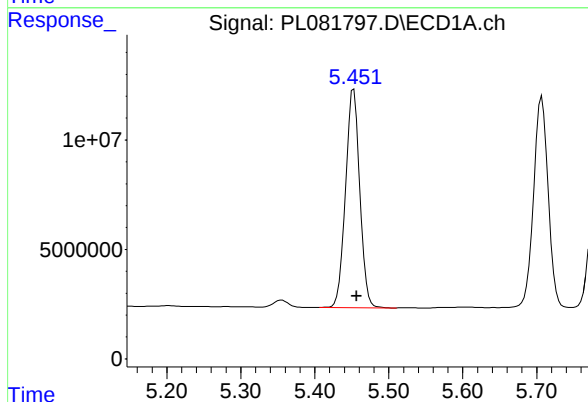
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



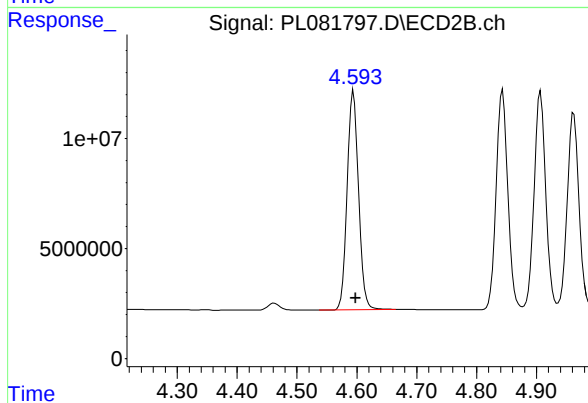
#7 delta-BHC

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 138226966
Conc: 53.45 ng/ml



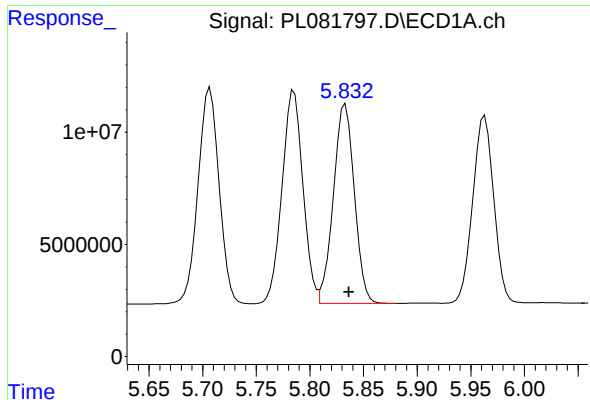
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.004 min
Response: 133304118
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 131487351
Conc: 54.14 ng/ml



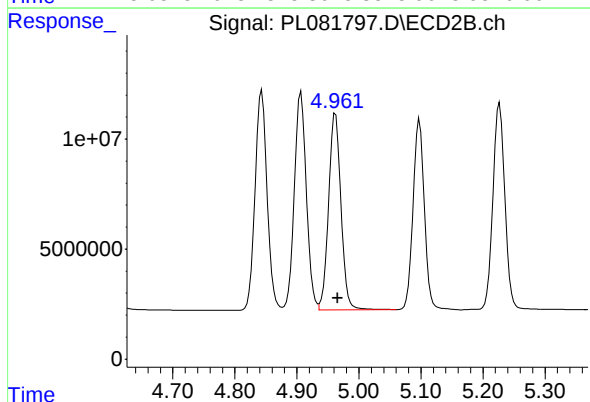
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 120881709
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

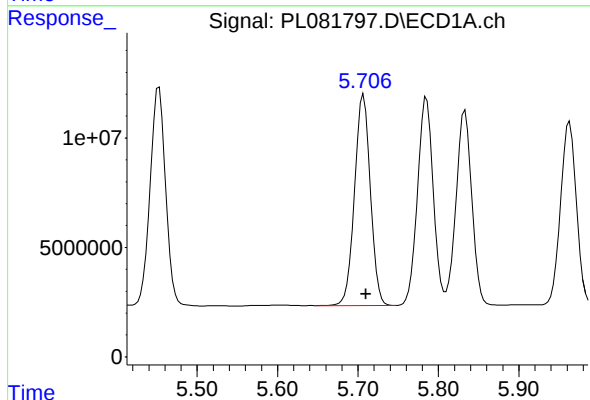
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



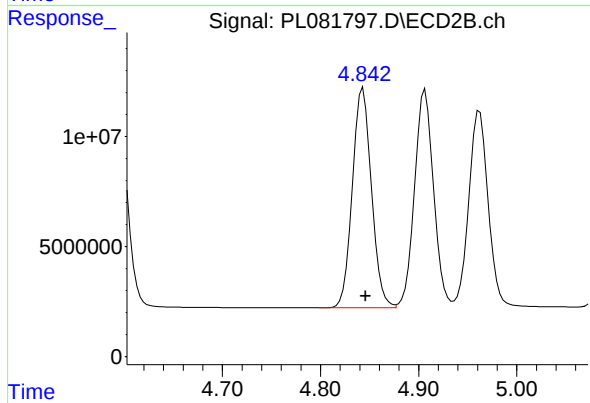
#9 Endosulfan I

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 123389572
Conc: 55.89 ng/ml



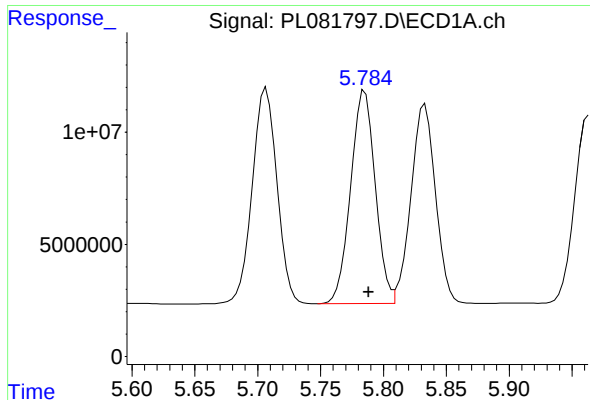
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 131867406
Conc: 50.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 134685066
Conc: 55.42 ng/ml



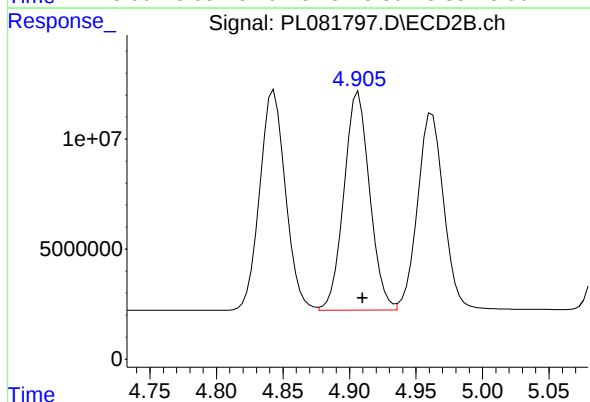
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 129430984
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

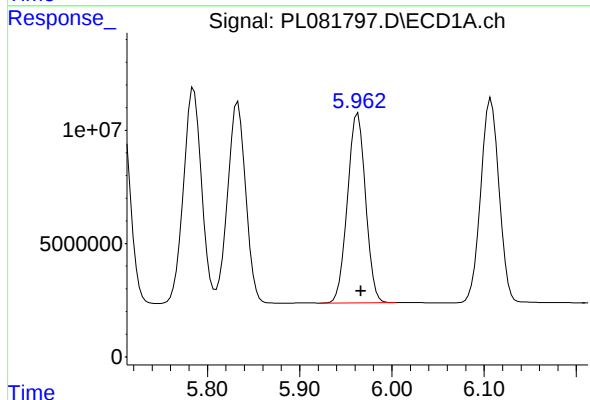
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



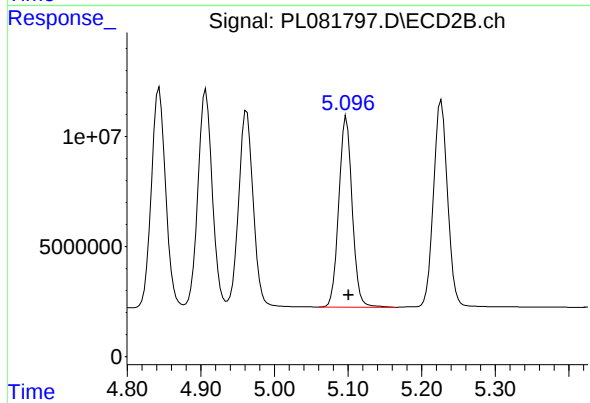
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 133437521
Conc: 54.94 ng/ml



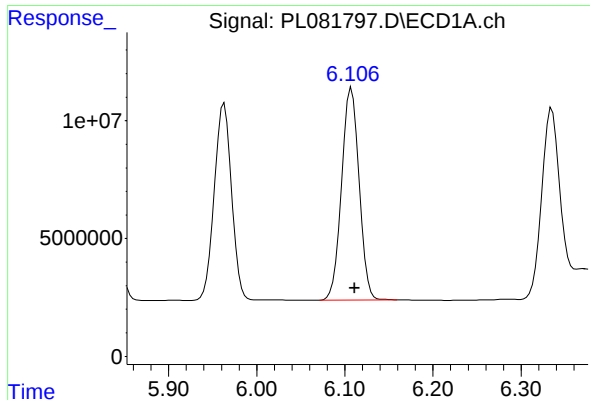
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 113795436
Conc: 50.49 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 109537424
Conc: 55.61 ng/ml



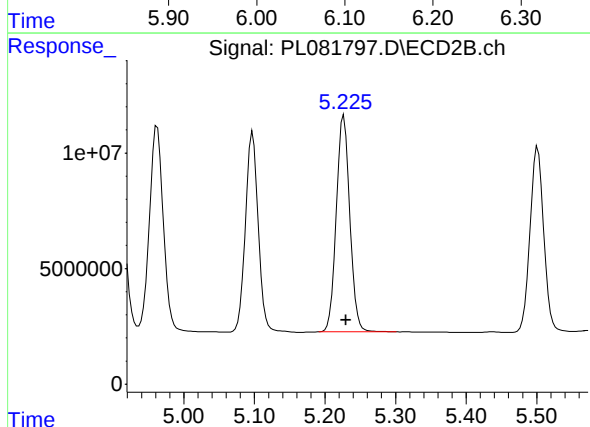
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 124704620
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

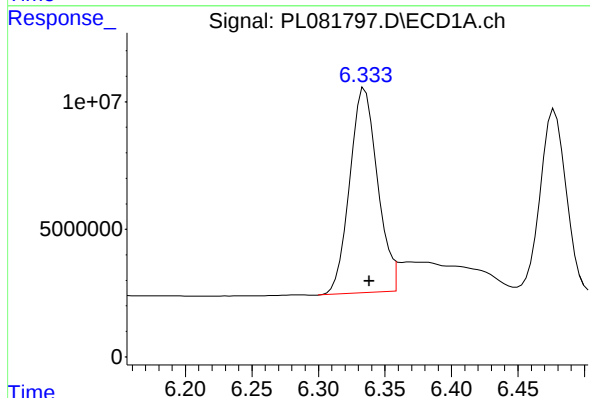
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



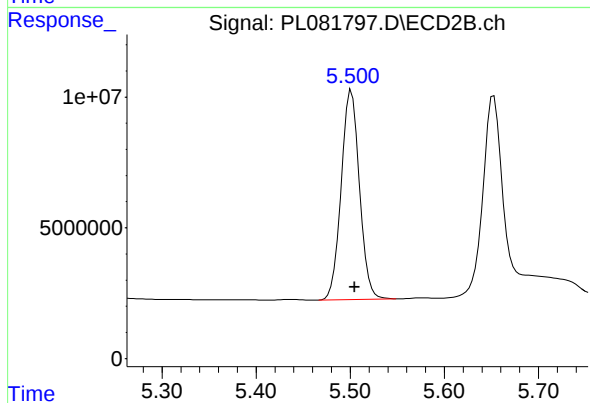
#13 Dieldrin

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 124883835
Conc: 55.52 ng/ml



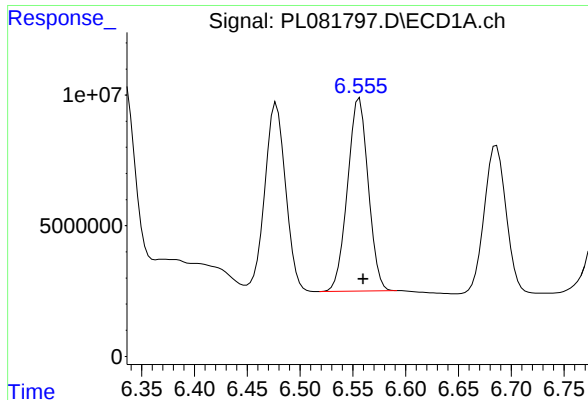
#14 Endrin

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 116426464
Conc: 55.04 ng/ml m



#14 Endrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 108166980
Conc: 53.45 ng/ml



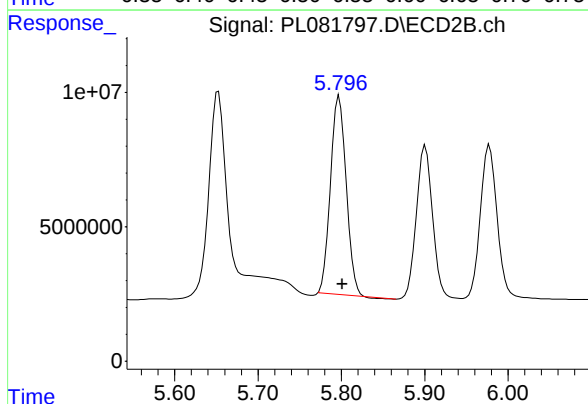
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 100460837
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

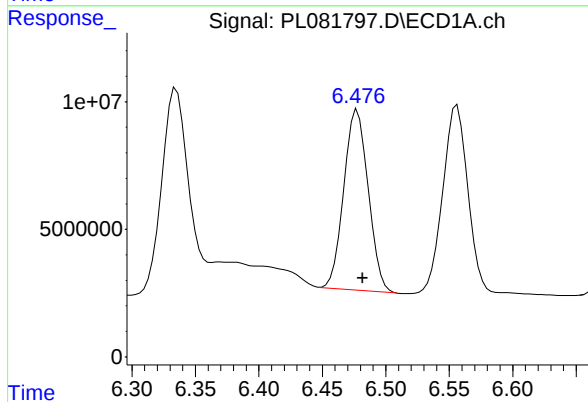
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



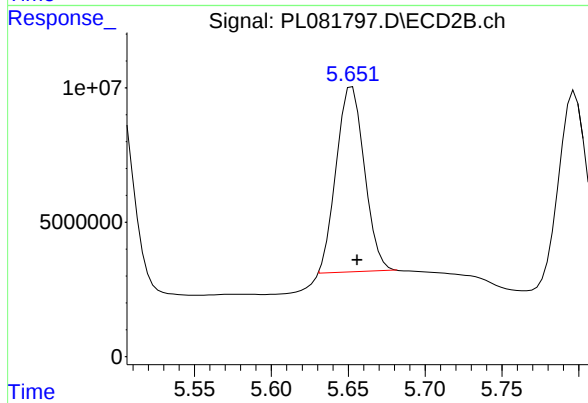
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 96852491
Conc: 53.39 ng/ml



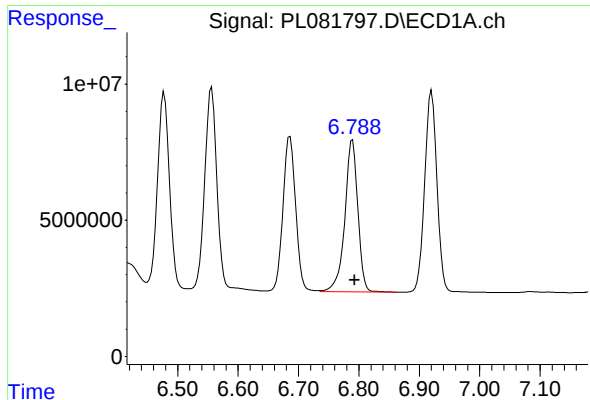
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 94719480
Conc: 52.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 86974458
Conc: 57.31 ng/ml m



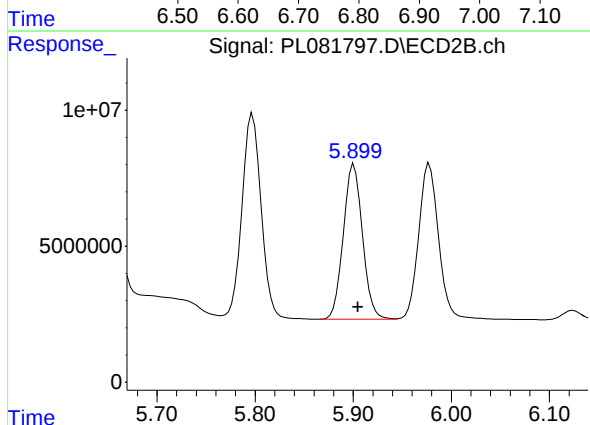
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 83365270
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

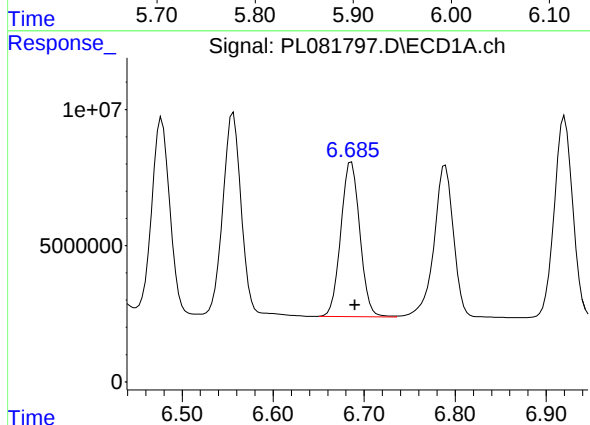
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



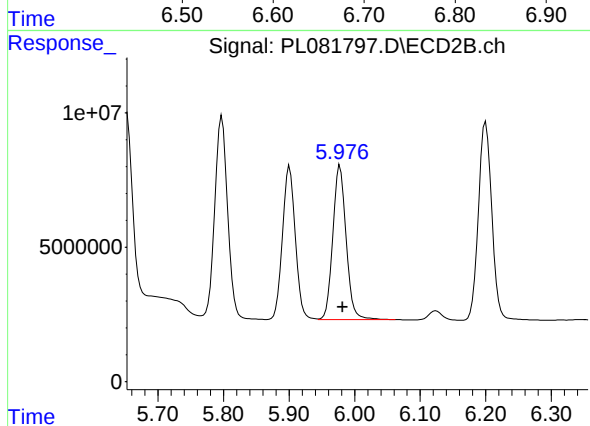
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 77530986
Conc: 44.99 ng/ml



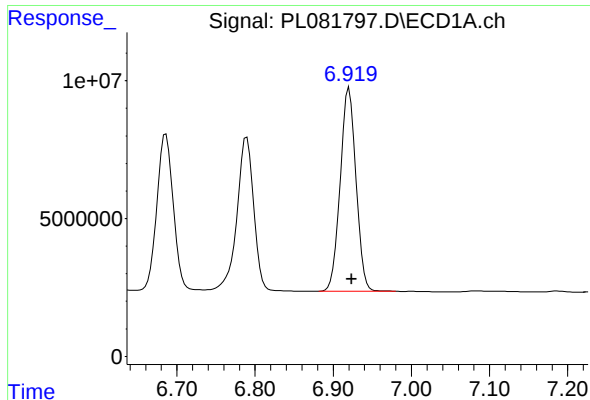
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 82636099
Conc: 50.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 80637746
Conc: 51.92 ng/ml



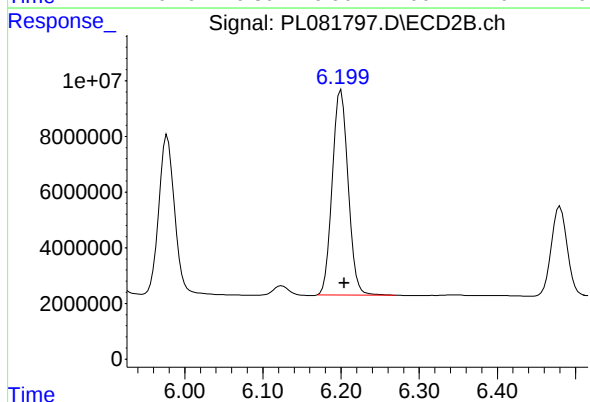
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 103766514
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

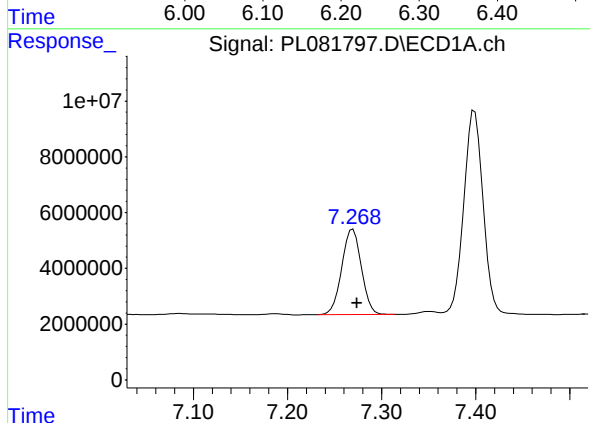
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



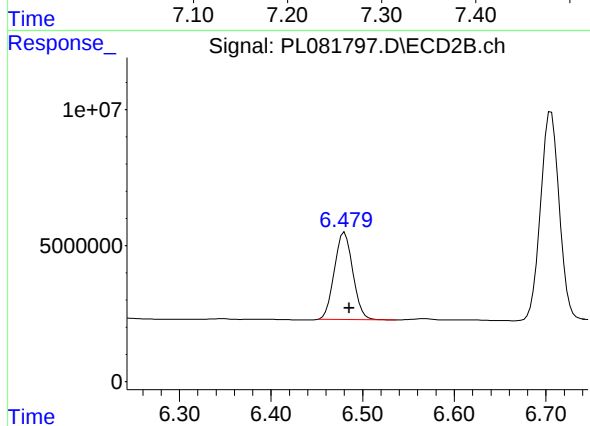
#19 Endosulfan Sulfate

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 103883983
Conc: 53.39 ng/ml



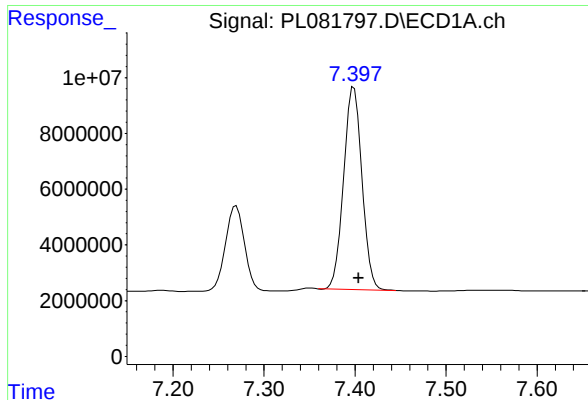
#20 Methoxychlor

R.T.: 7.269 min
Delta R.T.: -0.004 min
Response: 44229816
Conc: 41.07 ng/ml



#20 Methoxychlor

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 44957767
Conc: 45.14 ng/ml



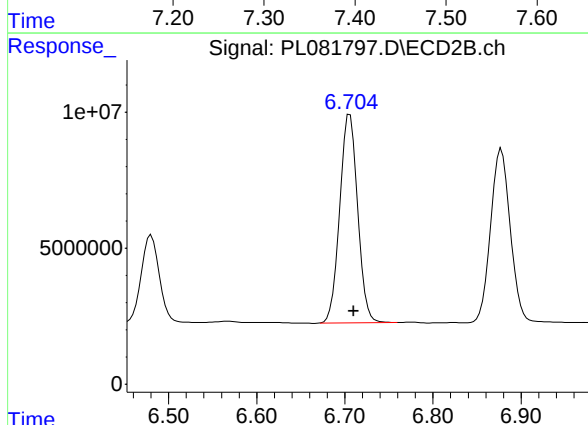
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 102049664
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

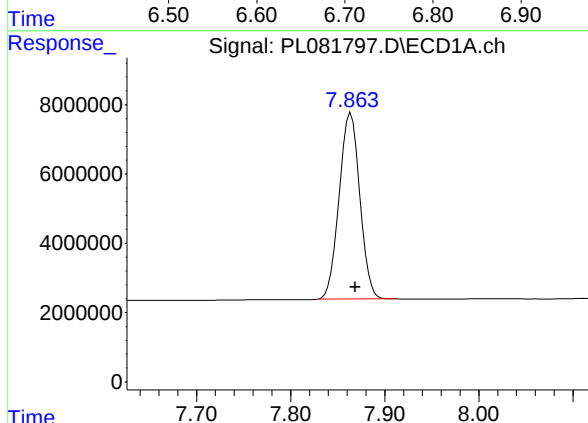
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



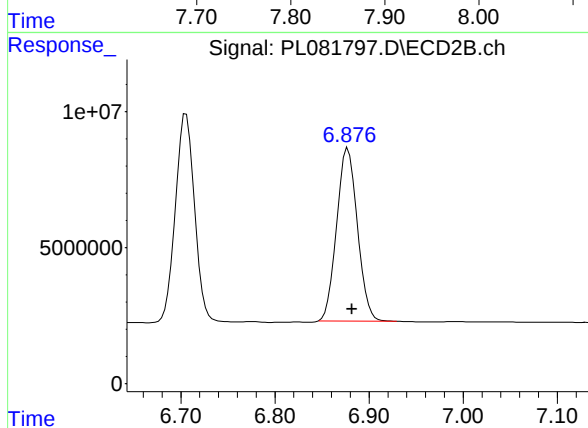
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 108647278
Conc: 50.84 ng/ml



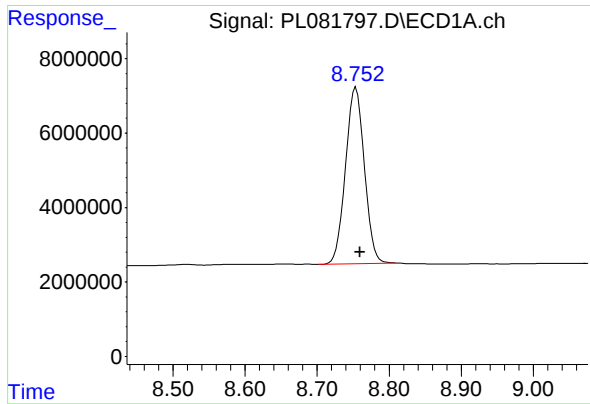
#22 Mirex

R.T.: 7.864 min
Delta R.T.: -0.005 min
Response: 81986466
Conc: 47.85 ng/ml



#22 Mirex

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 97635571
Conc: 50.86 ng/ml



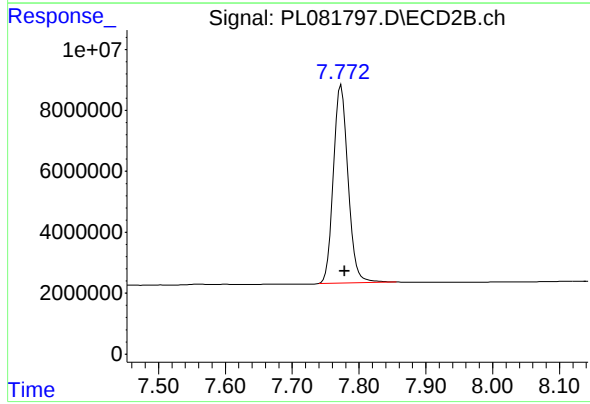
#28 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.006 min
Response: 85969985
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.005 min
Response: 99437461
Conc: 50.14 ng/ml