

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
 Data File : PL086661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 11:01
 Operator : AR\AJ
 Sample : PB157176BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157176BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/15/2023
 Supervised By : Ankita Jodhani 11/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 12:27:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.352	2.616	58252276	16984448	17.940	17.249
28)	SA Decachlor...	8.853	7.766	62457594	24530466	21.337	20.313
Target Compounds							
2)	A alpha-BHC	3.806	3.113	238.4E6	64368106	49.561	48.290m
3)	MA gamma-BHC...	4.138	3.441	231.9E6	64007290	49.289	48.230
4)	MA Heptachlor	4.725	3.777	230.0E6	63959595	50.415	47.780
5)	MB Aldrin	5.065	4.054	229.2E6	63161349	50.621	48.537
6)	B beta-BHC	4.342	3.744	95687170	27757961	47.310	46.570
7)	B delta-BHC	4.585	3.969	225.4E6	62709626	49.096	47.933
8)	B Heptachlo...	5.494	4.558	204.0E6	59260955	52.472	49.342
9)	A Endosulfan I	5.878	4.926	192.5E6	55799976	51.309	48.529
10)	B gamma-Chl...	5.752	4.809	208.7E6	61338206	50.930	49.716
11)	B alpha-Chl...	5.831	4.873	207.6E6	61176694	51.133	48.923
12)	B 4,4'-DDE	6.015	5.073	181.0E6	52928949	52.185	51.561
13)	MA Dieldrin	6.155	5.192	202.9E6	59665782	51.597	50.006
14)	MA Endrin	6.384	5.465	166.6E6	52350636	48.383	47.794
15)	B Endosulfa...	6.607	5.763	172.7E6	54163480	48.575	49.349
16)	A 4,4'-DDD	6.534	5.629	146.3E6	46440893	54.954	54.510
17)	MA 4,4'-DDT	6.849	5.879	152.5E6	48599308	51.446	49.714
18)	B Endrin al...	6.738	5.945	139.3E6	46291970	52.555	49.418
19)	B Endosulfa...	6.974	6.169	168.1E6	54413448	50.077	50.096
20)	A Methoxychlor	7.335	6.464	80957016	29095431	50.729	48.641
21)	B Endrin ke...	7.456	6.671	180.0E6	67035379	52.816	52.318
22)	Mirex	7.929	6.847	164.3E6	63937391	58.182	56.247

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
Data File : PL086661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2023 11:01
Operator : AR\AJ
Sample : PB157176BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157176BS

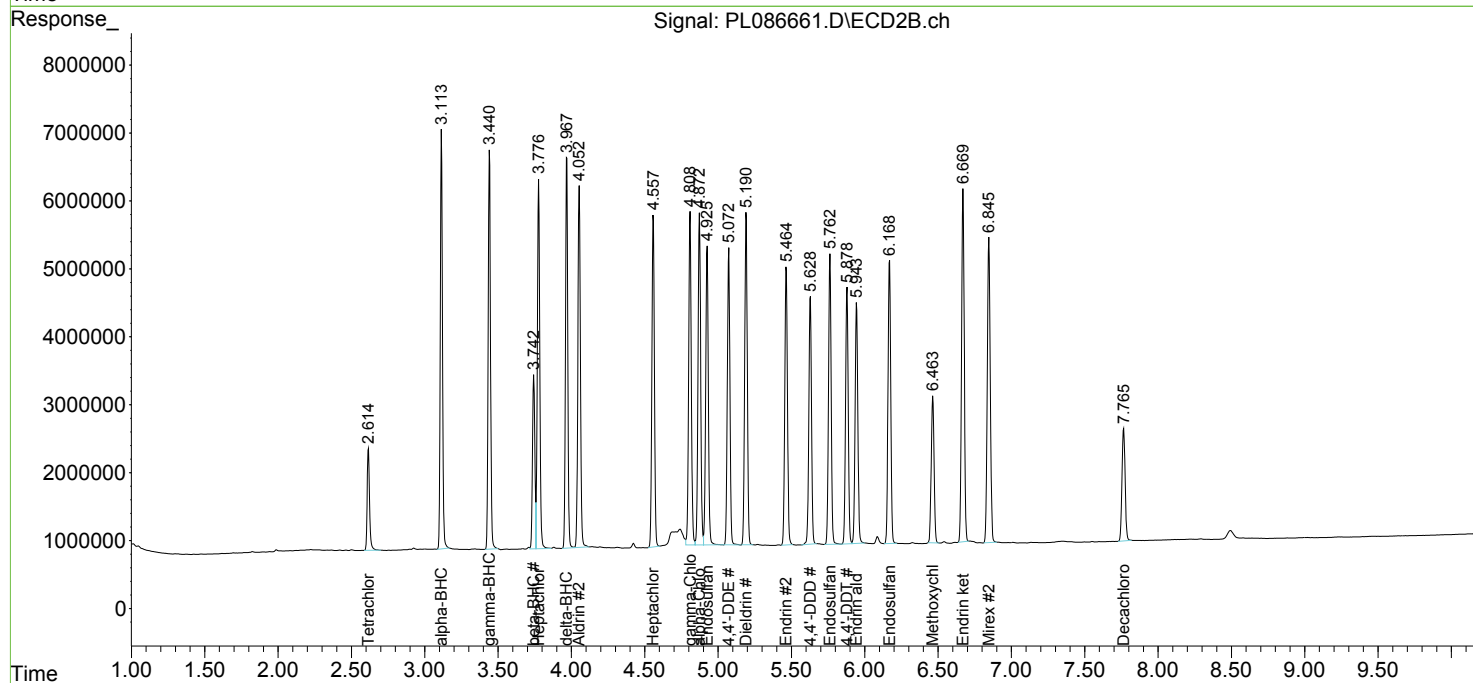
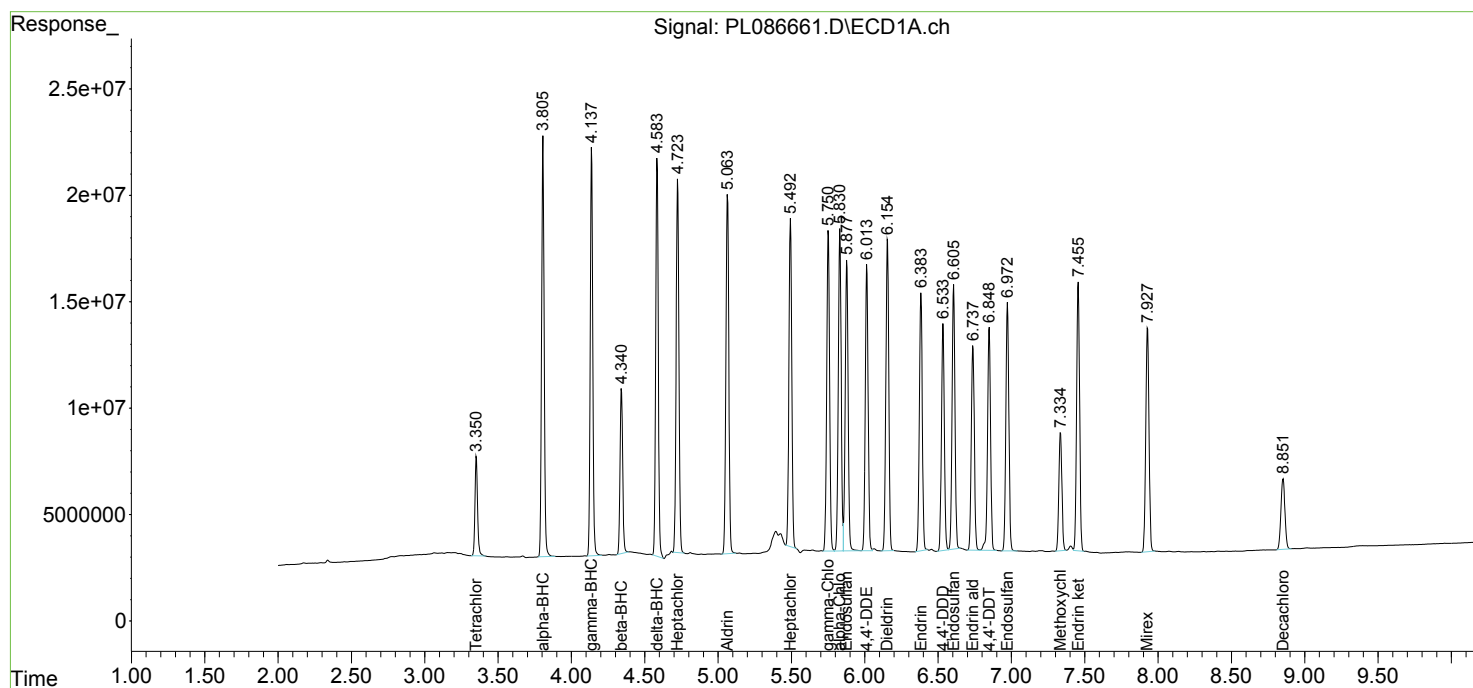
Manual Integrations

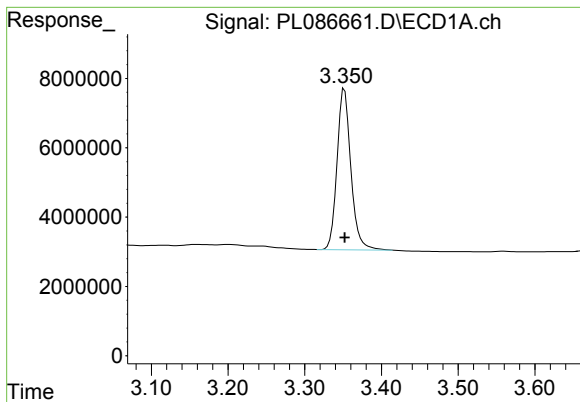
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 12:27:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 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





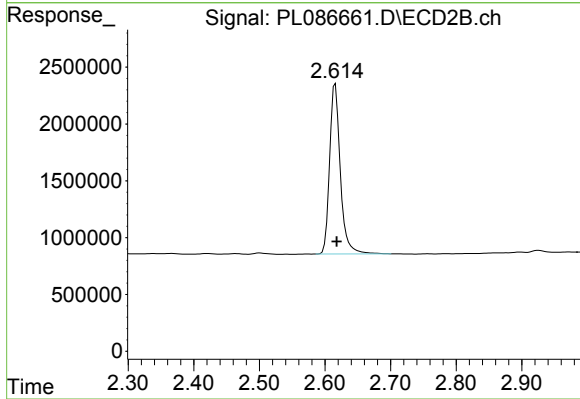
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 58252276
Conc: 17.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

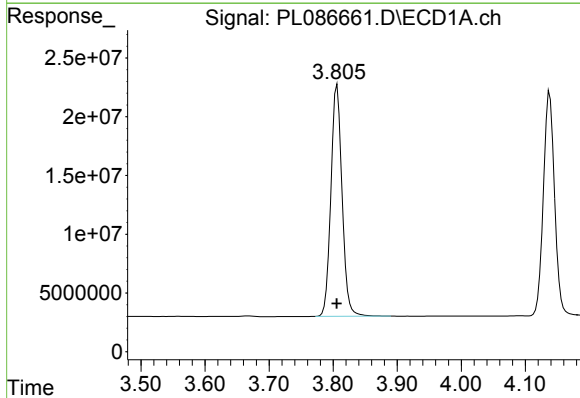
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



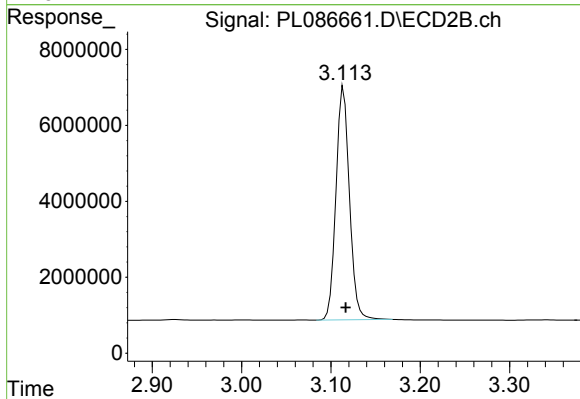
#1 Tetrachloro-m-xylene

R.T.: 2.616 min
Delta R.T.: -0.002 min
Response: 16984448
Conc: 17.25 ng/ml



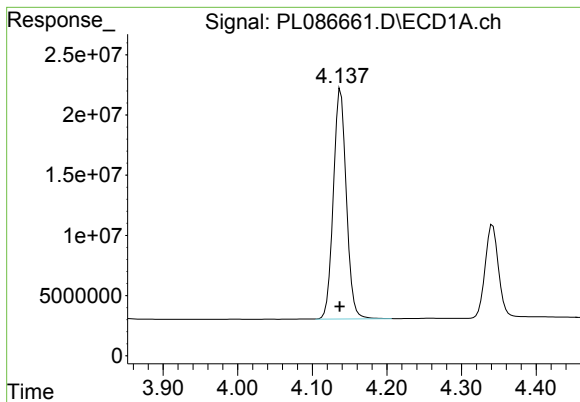
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 238408894
Conc: 49.56 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: -0.004 min
Response: 64368106
Conc: 48.29 ng/ml m



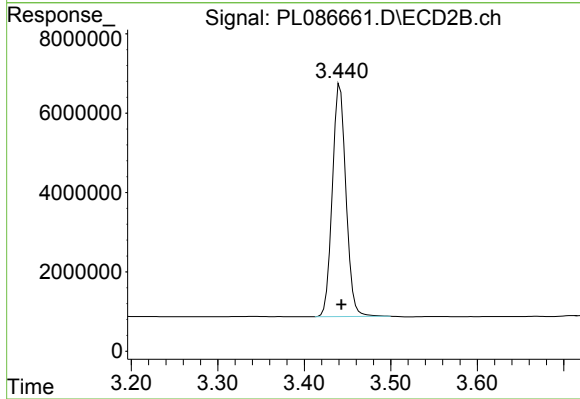
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.001 min
Response: 231885931
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

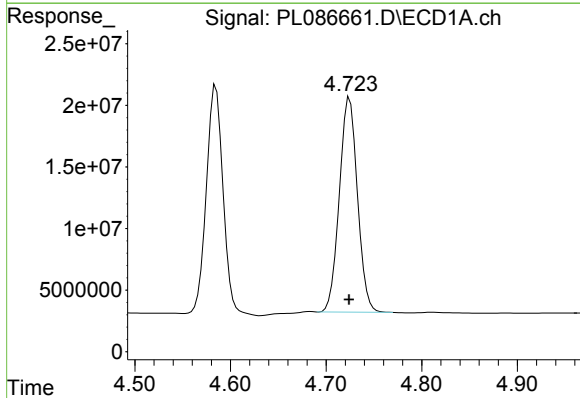
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



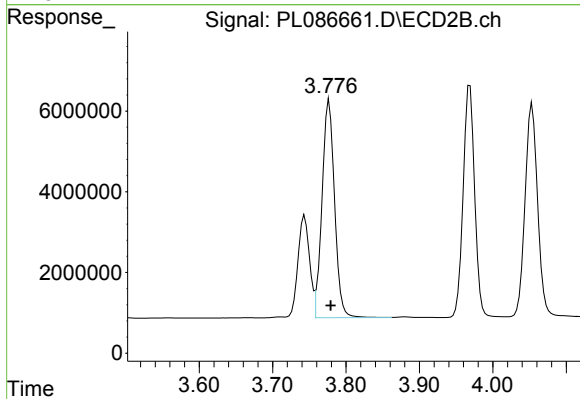
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 64007290
Conc: 48.23 ng/ml



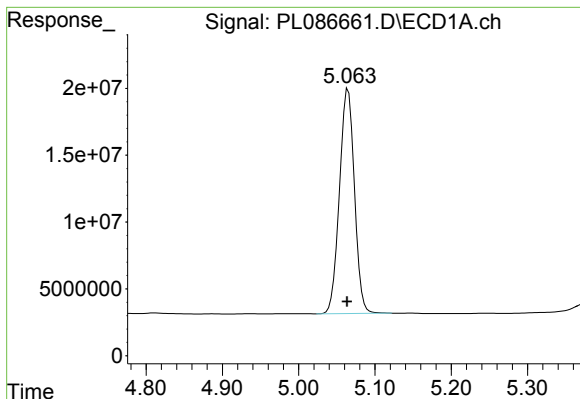
#4 Heptachlor

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 229992573
Conc: 50.42 ng/ml



#4 Heptachlor

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 63959595
Conc: 47.78 ng/ml



#5 Aldrin

R.T.: 5.065 min
Delta R.T.: 0.001 min
Response: 229180220
Conc: 50.62 ng/ml

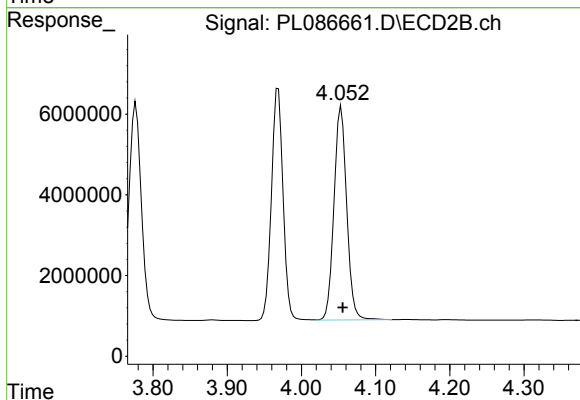
Instrument :

ECD_L

ClientSampleId :
PB157176BS

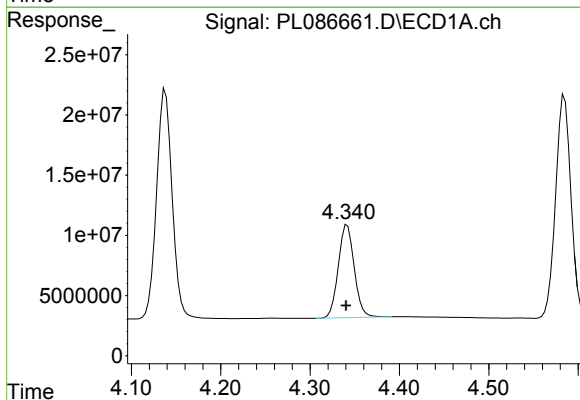
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



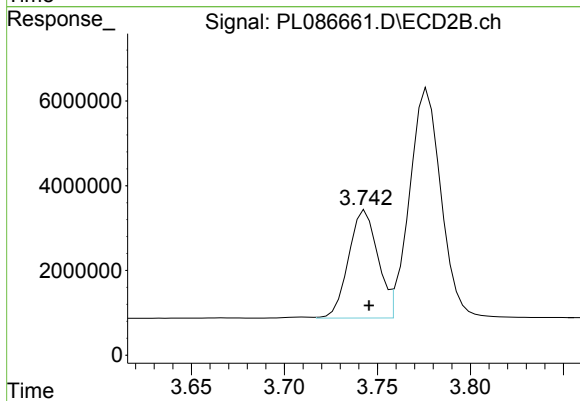
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 63161349
Conc: 48.54 ng/ml



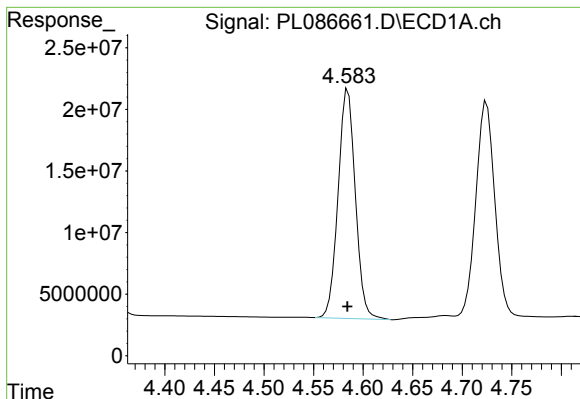
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.001 min
Response: 95687170
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 27757961
Conc: 46.57 ng/ml



#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 225415799
Conc: 49.10 ng/ml

Instrument :

ECD_L

ClientSampleId :

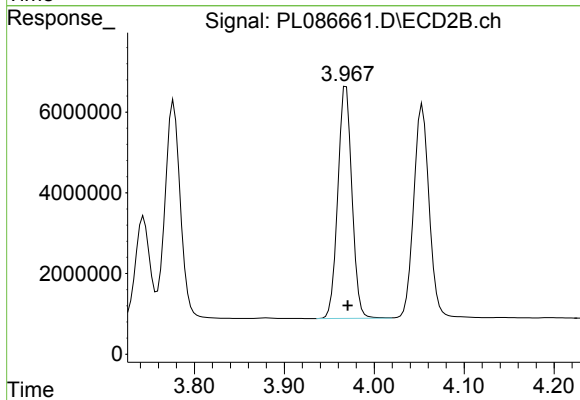
PB157176BS

Manual Integrations

APPROVED

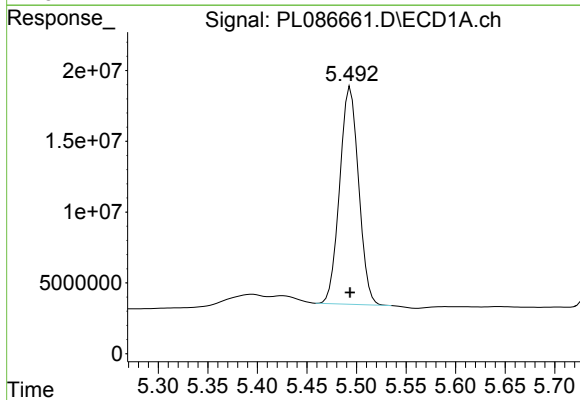
Reviewed By :Abdul Mirza 11/15/2023

Supervised By :Ankita Jodhani 11/16/2023



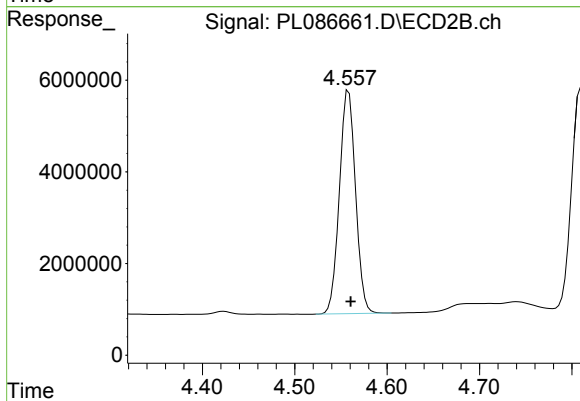
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 62709626
Conc: 47.93 ng/ml



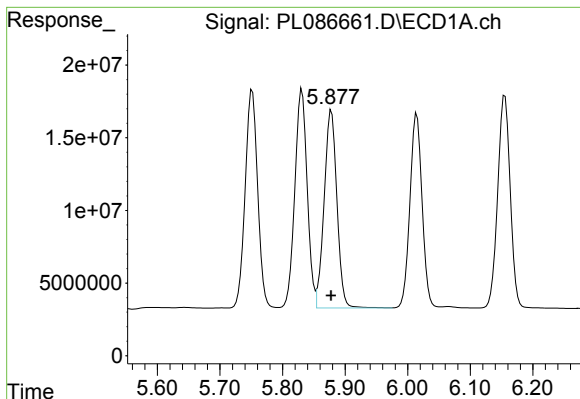
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 203976189
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 59260955
Conc: 49.34 ng/ml



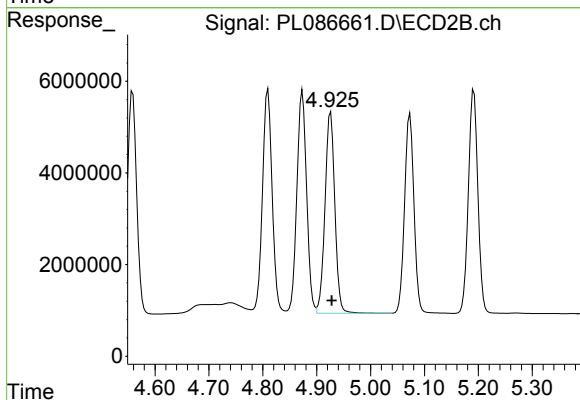
#9 Endosulfan I

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 192491239
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

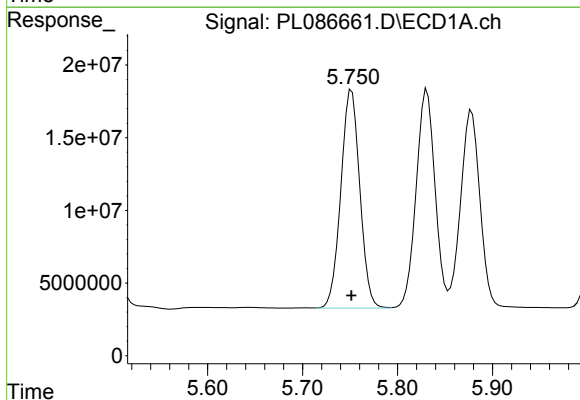
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



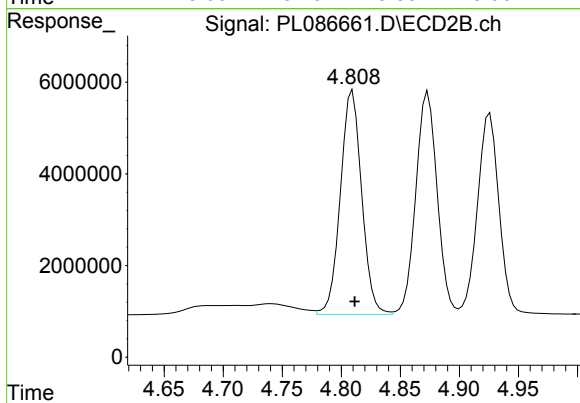
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 55799976
Conc: 48.53 ng/ml



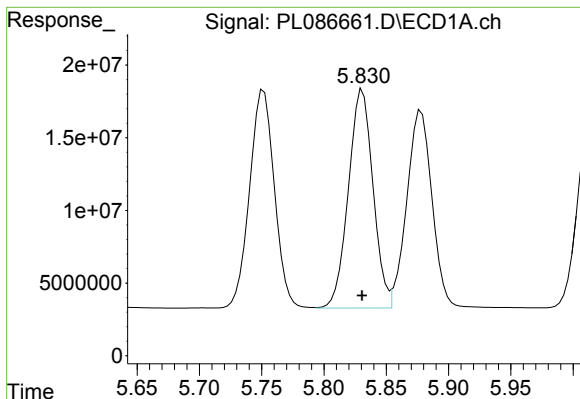
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 208671505
Conc: 50.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 61338206
Conc: 49.72 ng/ml



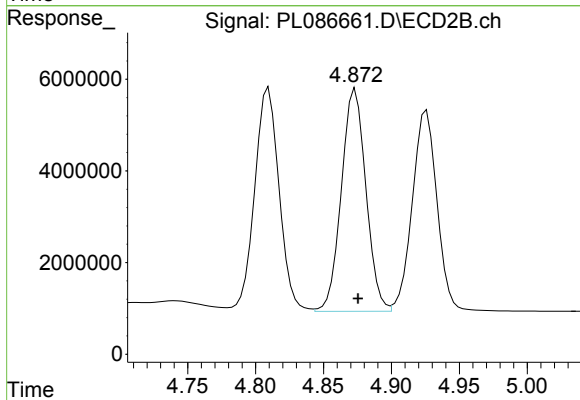
#11 alpha-Chlordane

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 207594830
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

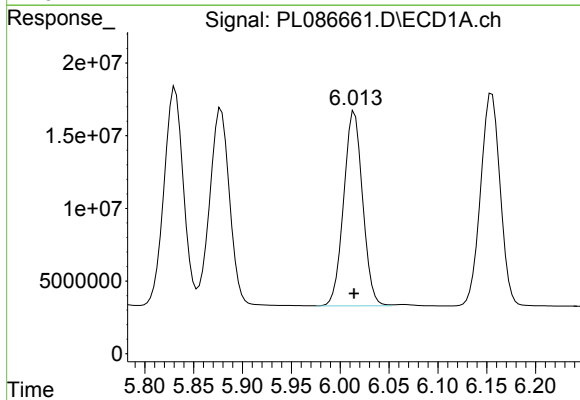
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



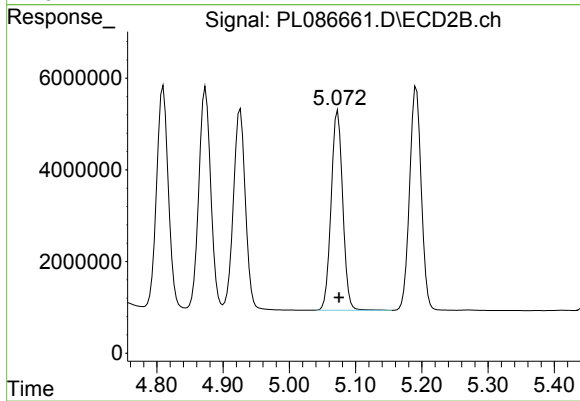
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.002 min
Response: 61176694
Conc: 48.92 ng/ml



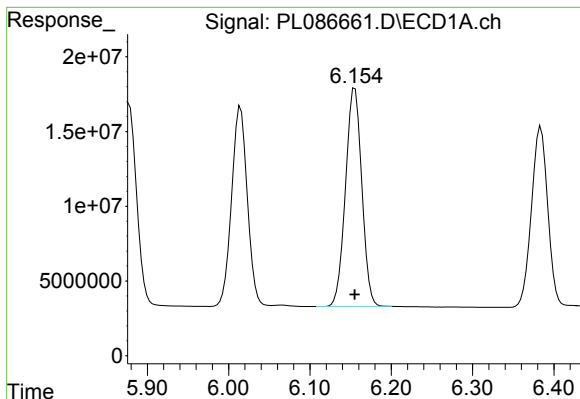
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 180990901
Conc: 52.18 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 52928949
Conc: 51.56 ng/ml



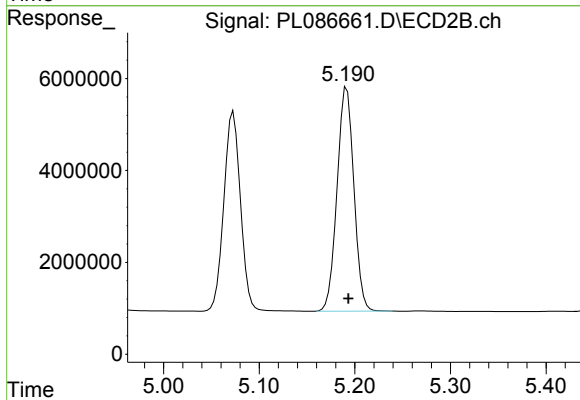
#13 Dieldrin

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 202878515
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

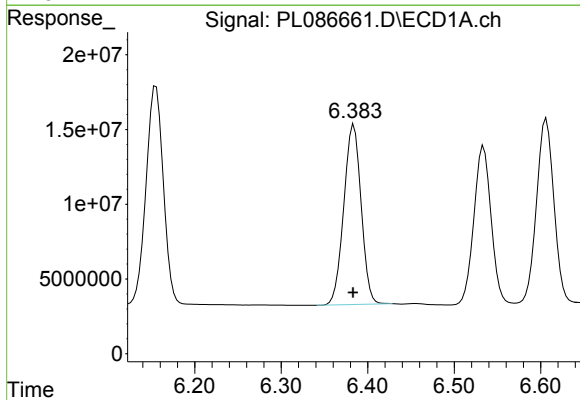
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



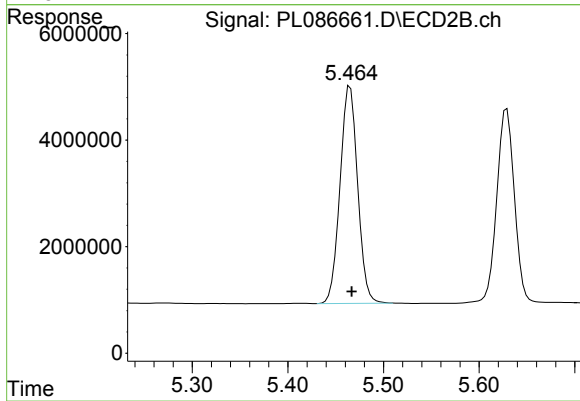
#13 Dieldrin

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 59665782
Conc: 50.01 ng/ml



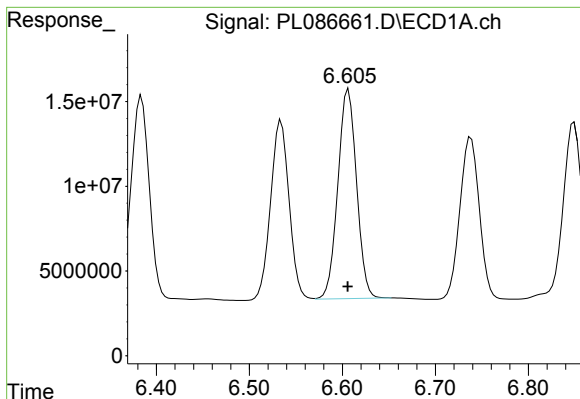
#14 Endrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 166649260
Conc: 48.38 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 52350636
Conc: 47.79 ng/ml



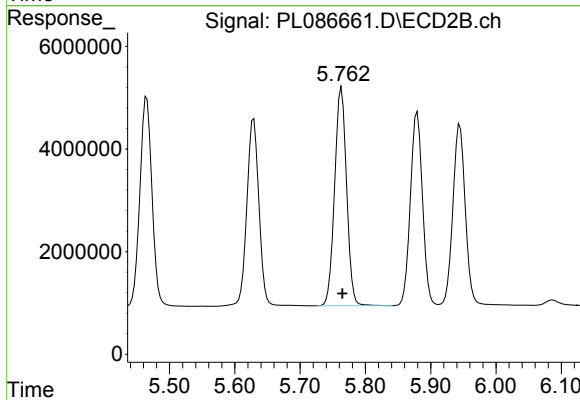
#15 Endosulfan II

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 172654368
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

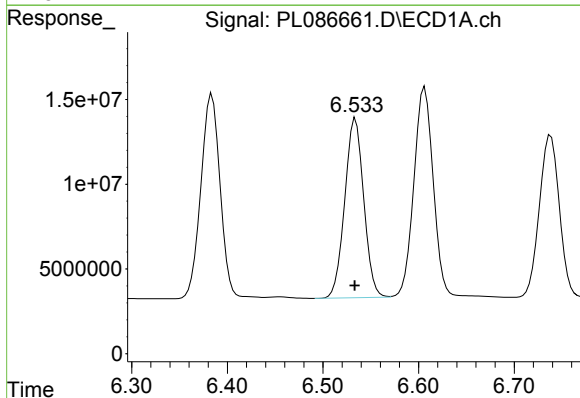
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



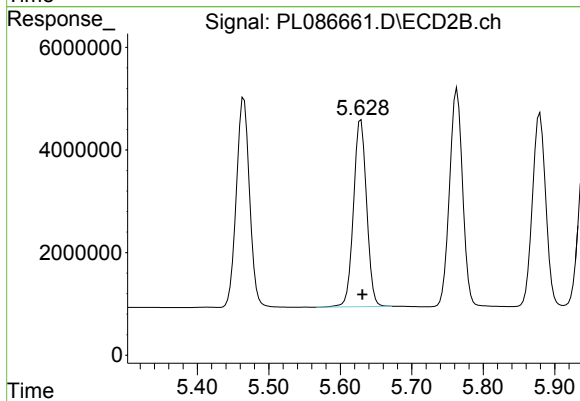
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 54163480
Conc: 49.35 ng/ml



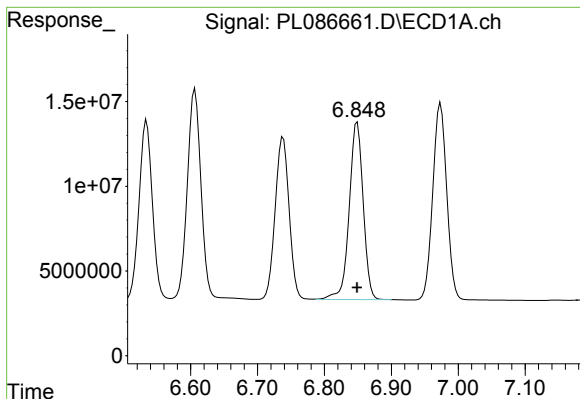
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 146329243
Conc: 54.95 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 46440893
Conc: 54.51 ng/ml



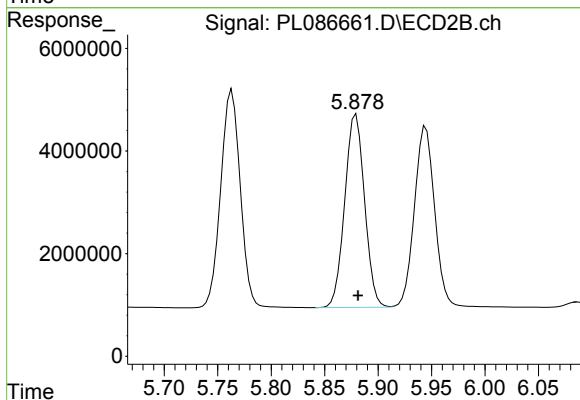
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 152503115
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

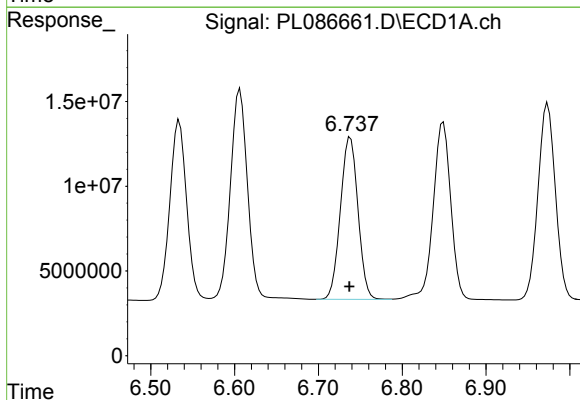
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



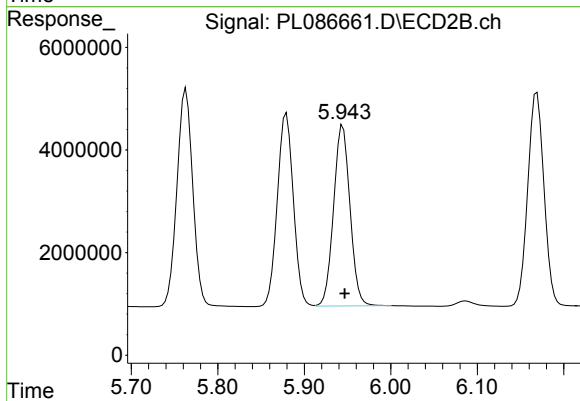
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 48599308
Conc: 49.71 ng/ml



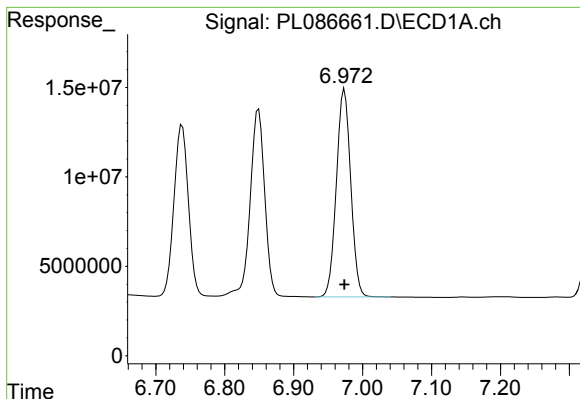
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 139330223
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 46291970
Conc: 49.42 ng/ml



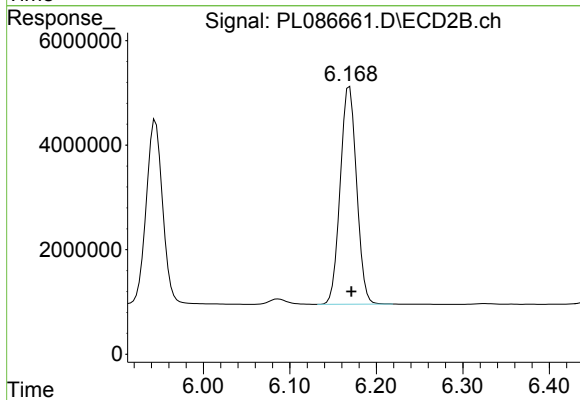
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 168074229
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

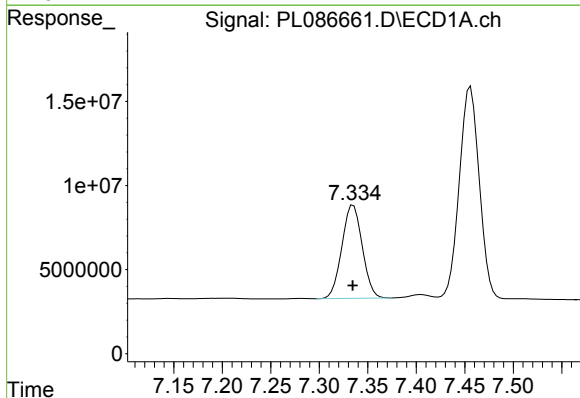
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



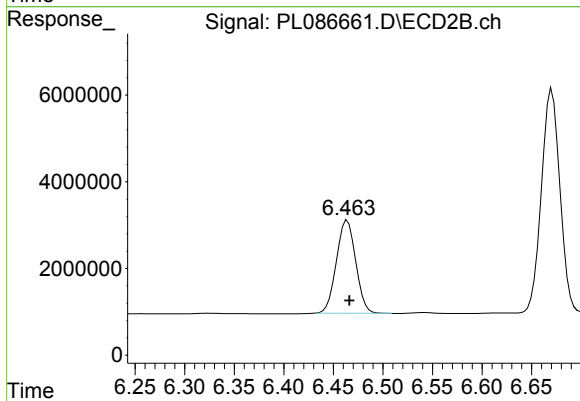
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 54413448
Conc: 50.10 ng/ml



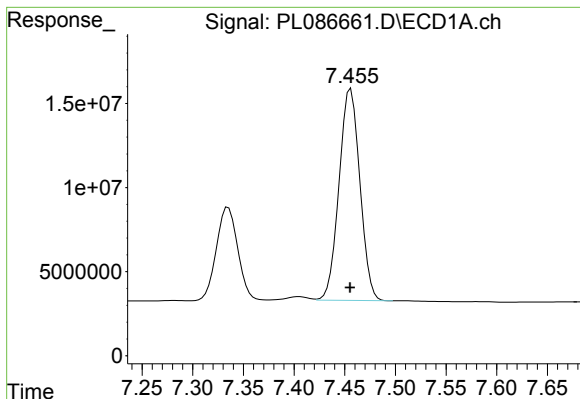
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 80957016
Conc: 50.73 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 29095431
Conc: 48.64 ng/ml



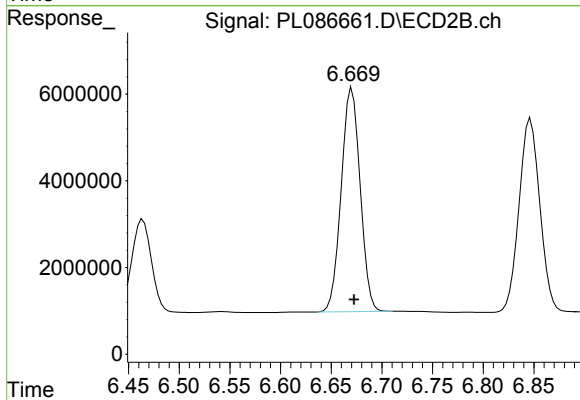
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 180000691
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157176BS

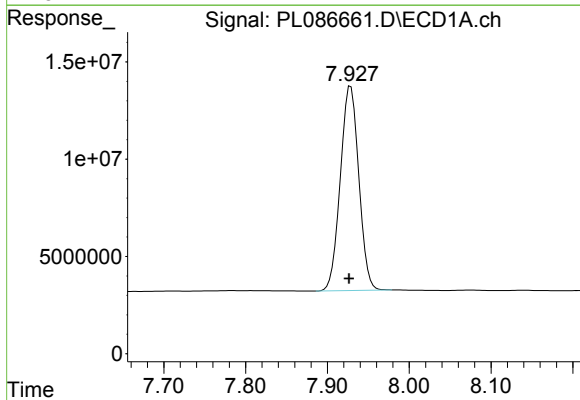
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2023
Supervised By :Ankita Jodhani 11/16/2023



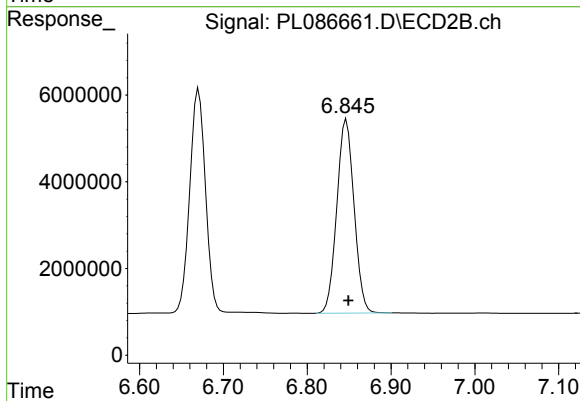
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 67035379
Conc: 52.32 ng/ml



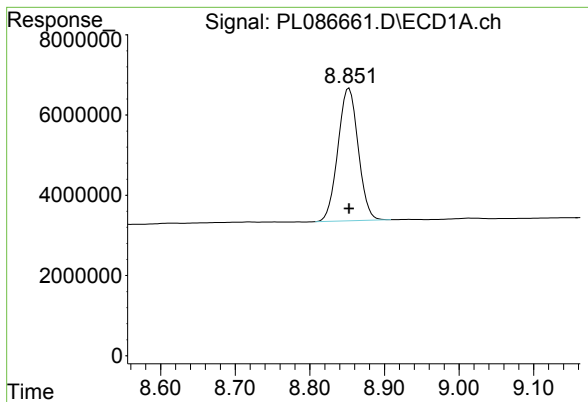
#22 Mirex

R.T.: 7.929 min
Delta R.T.: 0.002 min
Response: 164315220
Conc: 58.18 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 63937391
Conc: 56.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: 0.000 min
Response: 62457594
Conc: 21.34 ng/ml

Instrument :

ECD_L

ClientSampleId :

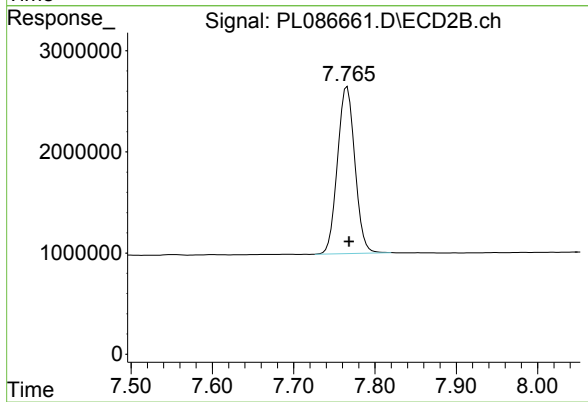
PB157176BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/15/2023

Supervised By :Ankita Jodhani 11/16/2023



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 24530466
Conc: 20.31 ng/ml