

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2023 01:56
 Operator : AR\AJ
 Sample : PB158025BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158025BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:13:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.423	2.679	81971032	32729669	21.781	19.444
28)	SA Decachlor...	8.979	7.866	78358495	35830272	22.979	21.214
Target Compounds							
2)	A alpha-BHC	3.879	3.183	323.8E6	131.9E6	59.815	53.671
3)	MA gamma-BHC...	4.212	3.513	310.8E6	131.3E6	59.132	54.216
4)	MA Heptachlor	4.804	3.855	276.1E6	116.1E6	51.837m	48.578
5)	MB Aldrin	5.148	4.136	282.0E6	125.3E6	54.164	52.265
6)	B beta-BHC	4.412	3.814	125.5E6	52752760	54.653	50.675
7)	B delta-BHC	4.657	4.044	300.9E6	130.9E6	57.533m	53.526
8)	B Heptachlo...	5.579	4.643	269.5E6	111.0E6	57.177	49.876
9)	A Endosulfan I	5.963	5.014	244.2E6	105.5E6	54.681m	48.838
10)	B gamma-Chl...	5.835	4.896	273.6E6	115.6E6	56.427m	50.524
11)	B alpha-Chl...	5.915	4.961	271.2E6	116.7E6	56.426m	50.577
12)	B 4,4'-DDE	6.097	5.159	231.3E6	99286464	55.804	50.005
13)	MA Dieldrin	6.242	5.282	258.6E6	106.5E6	55.714	47.822
14)	MA Endrin	6.472	5.557	197.3E6	103.9E6	51.274	52.049
15)	B Endosulfa...	6.694	5.854	219.7E6	89678305	54.775	46.059
16)	A 4,4'-DDD	6.616	5.717	200.0E6	89732845	60.516m	54.195
17)	MA 4,4'-DDT	6.935	5.969	180.6E6	79112495	48.040	42.895
18)	B Endrin al...	6.825	6.036	169.2E6	73582651	58.391	50.137
19)	B Endosulfa...	7.062	6.262	211.3E6	92666822	53.821	49.191
20)	A Methoxychlor	7.420	6.555	92078753	43514954	47.222	42.604
21)	B Endrin ke...	7.546	6.765	225.5E6	108.7E6	55.418m	51.079m
22)	Mirex	8.024	6.949	179.8E6	90262162	53.382	50.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2023 01:56
 Operator : AR\AJ
 Sample : PB158025BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

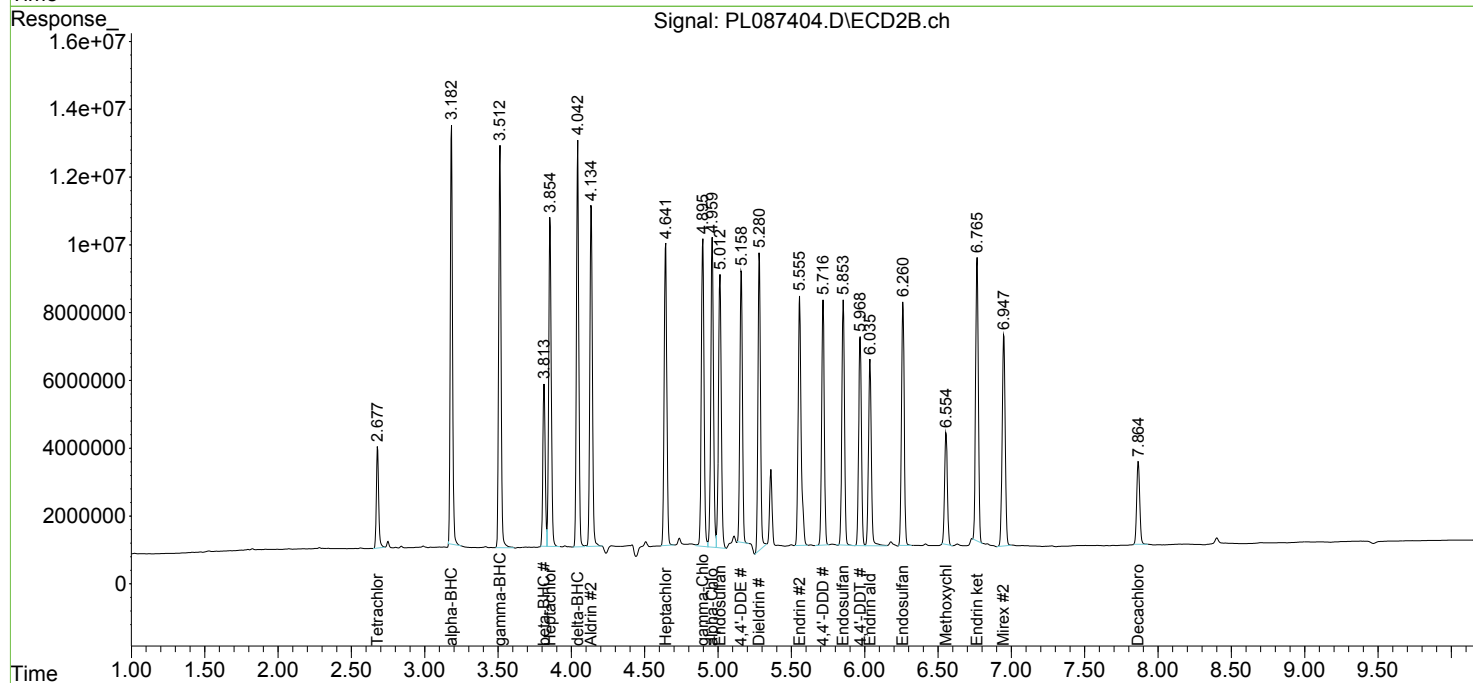
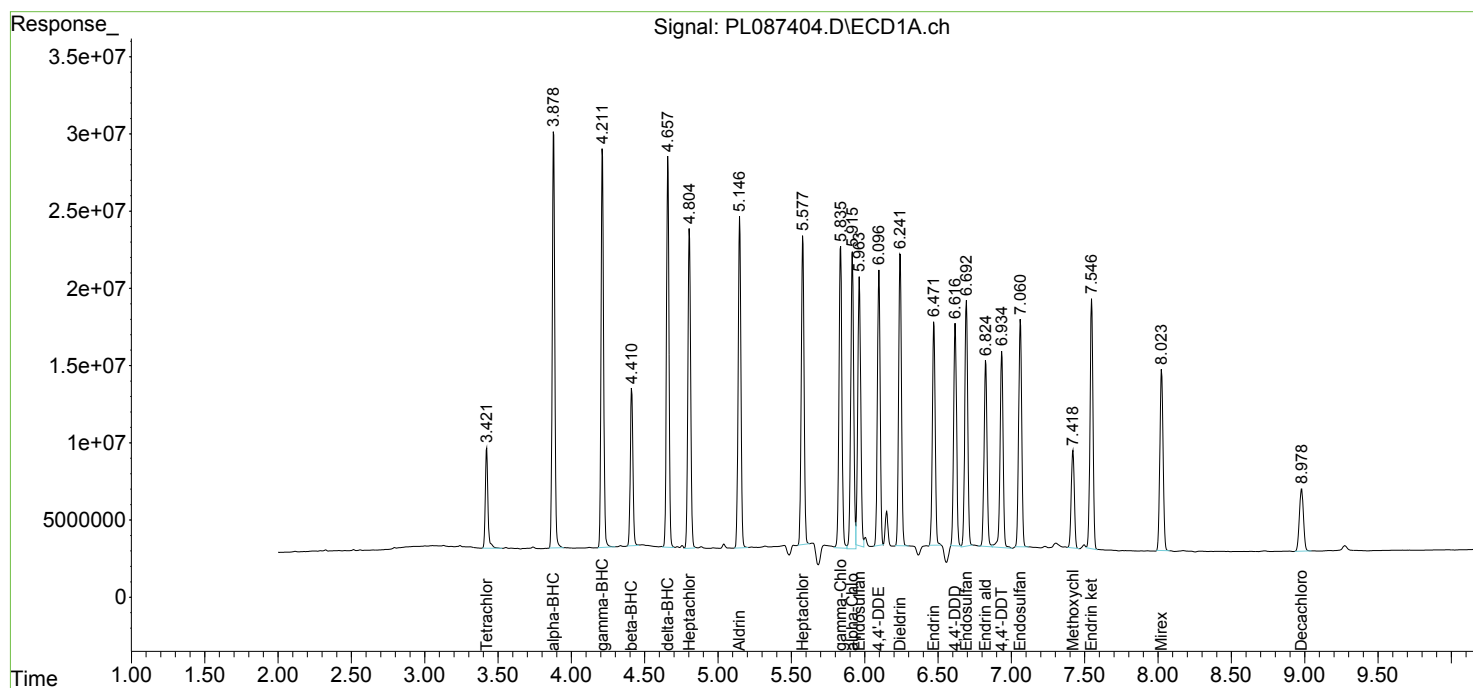
Instrument :
 ECD_L
 ClientSampleId :
 PB158025BS

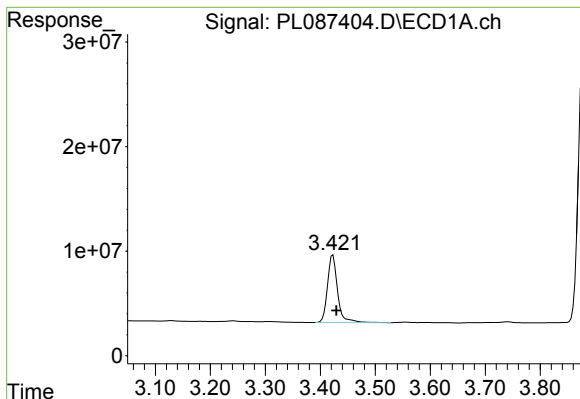
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:13:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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.: 3.423 min
Delta R.T.: -0.006 min
Response: 81971032
Conc: 21.78 ng/ml

Instrument :

ECD_L

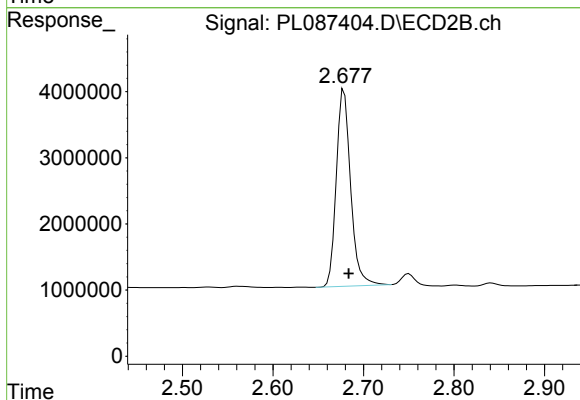
ClientSampleId :

PB158025BS

Manual Integrations

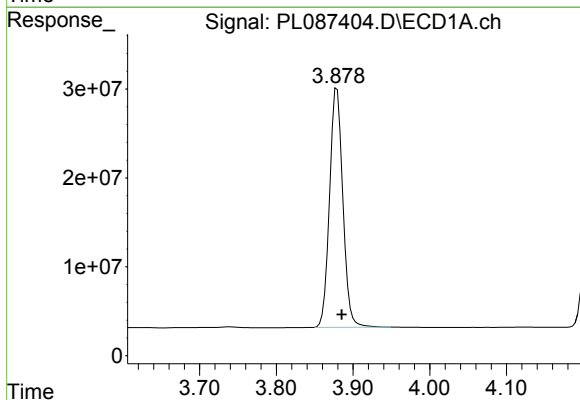
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



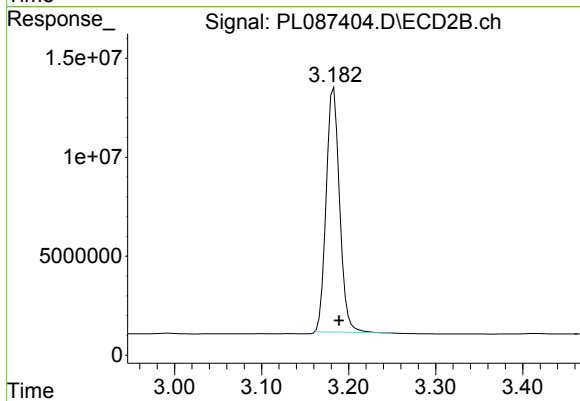
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.005 min
Response: 32729669
Conc: 19.44 ng/ml



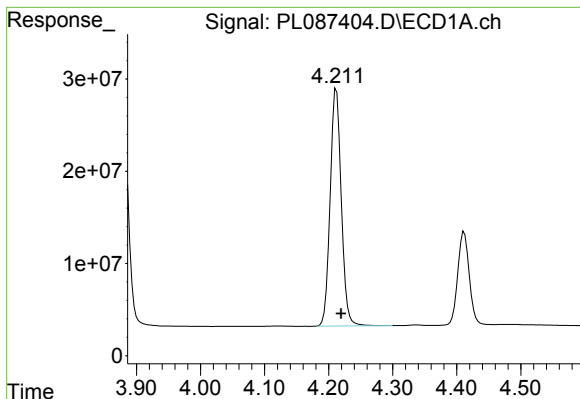
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 323849347
Conc: 59.82 ng/ml



#2 alpha-BHC

R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 131901701
Conc: 53.67 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 310778127
Conc: 59.13 ng/ml

Instrument :

ECD_L

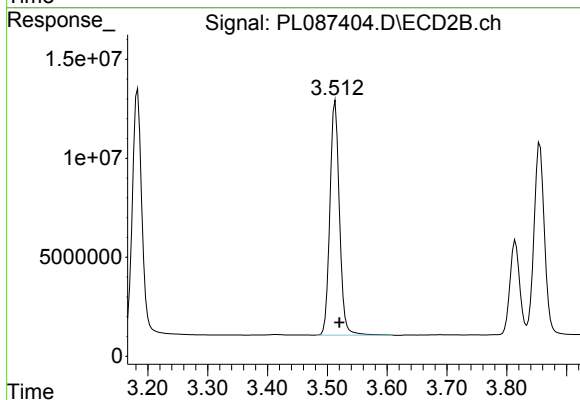
ClientSampleId :

PB158025BS

Manual Integrations

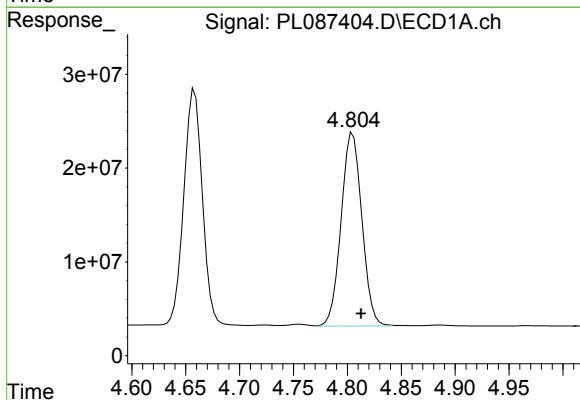
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



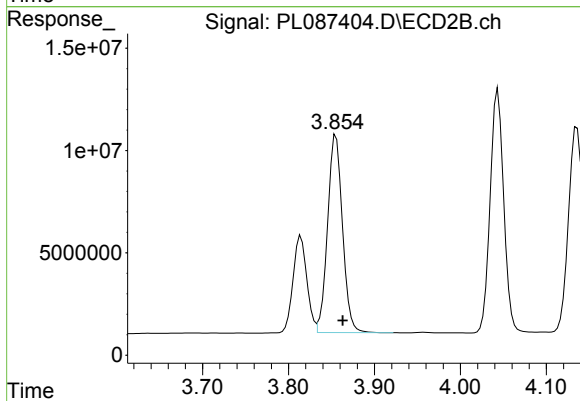
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 131333482
Conc: 54.22 ng/ml



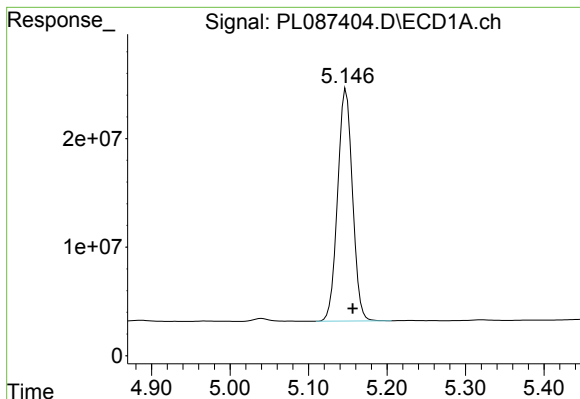
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 276112214
Conc: 51.84 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 116115371
Conc: 48.58 ng/ml



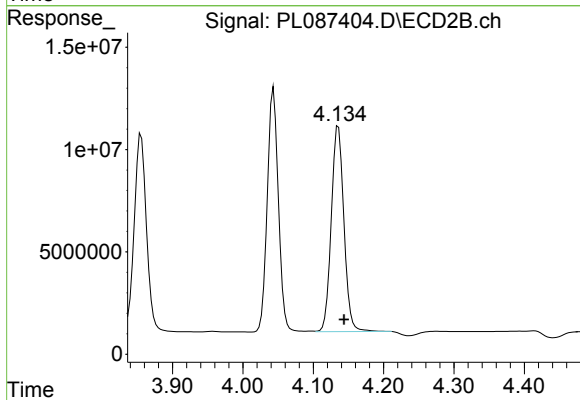
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 281999236
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

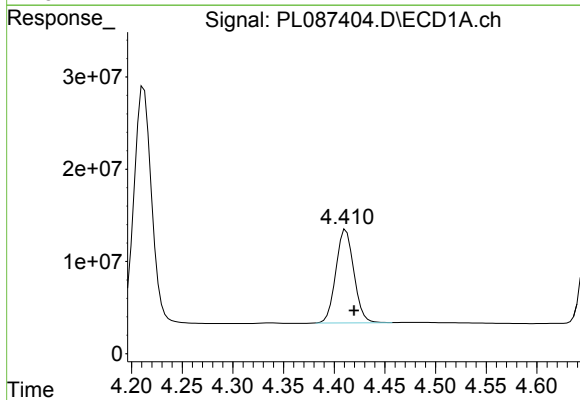
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



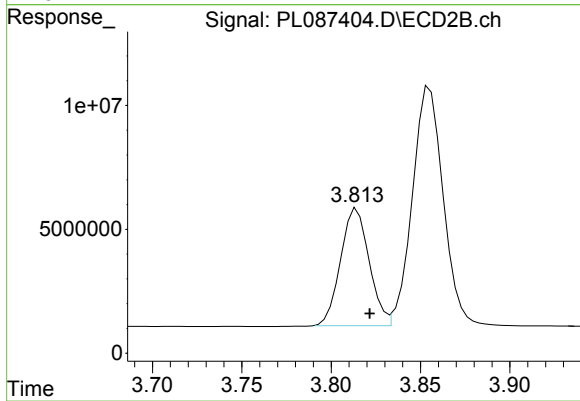
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 125317945
Conc: 52.26 ng/ml



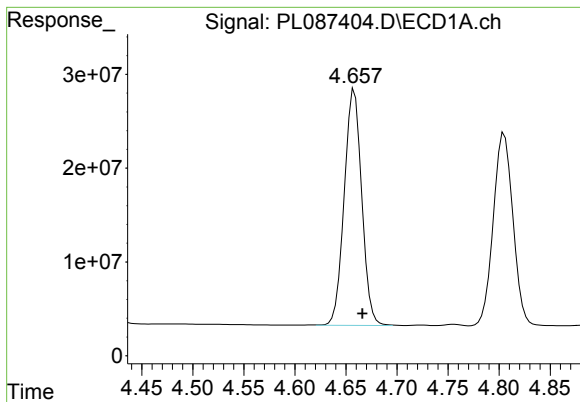
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 125525381
Conc: 54.65 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 52752760
Conc: 50.68 ng/ml



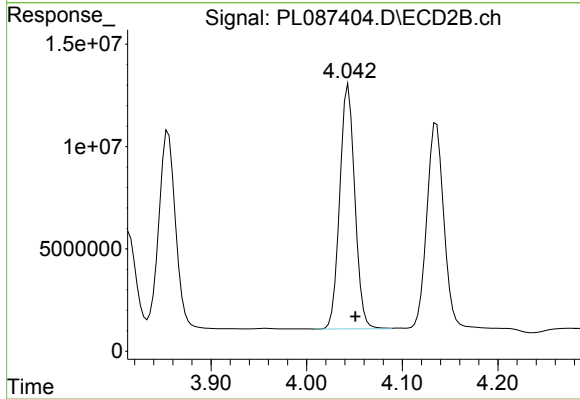
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 300860398
Conc: 57.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

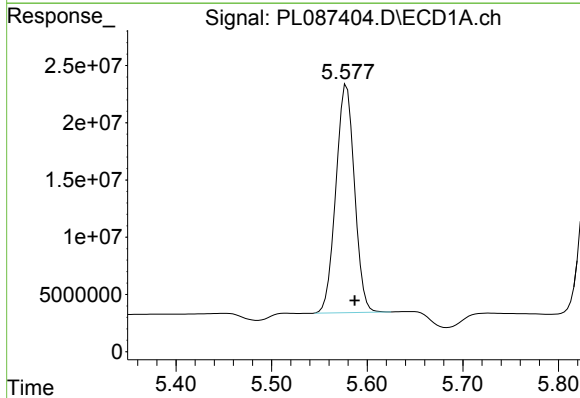
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



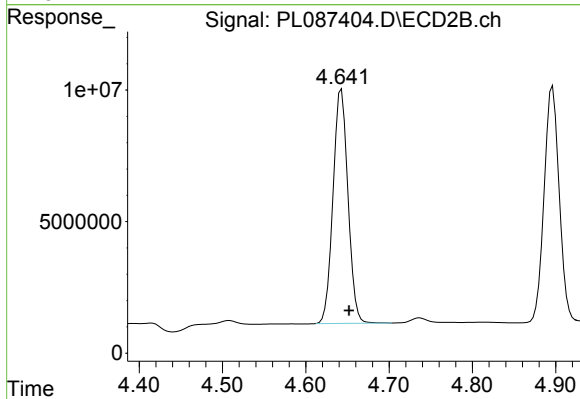
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 130936653
Conc: 53.53 ng/ml



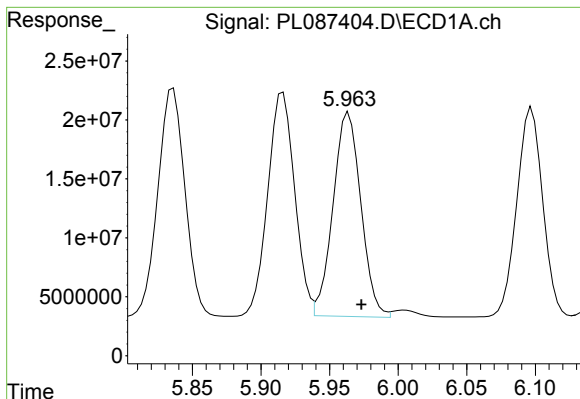
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 269466377
Conc: 57.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 110988817
Conc: 49.88 ng/ml



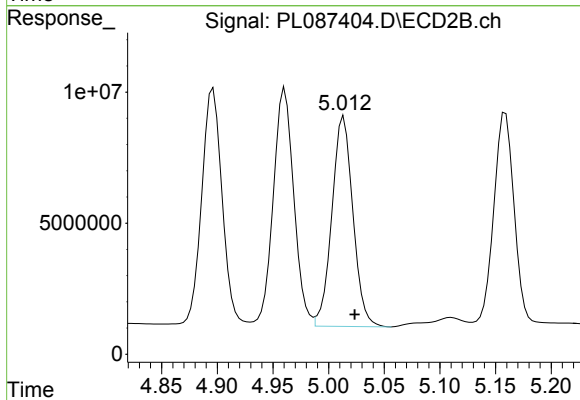
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.011 min
Response: 244221914
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

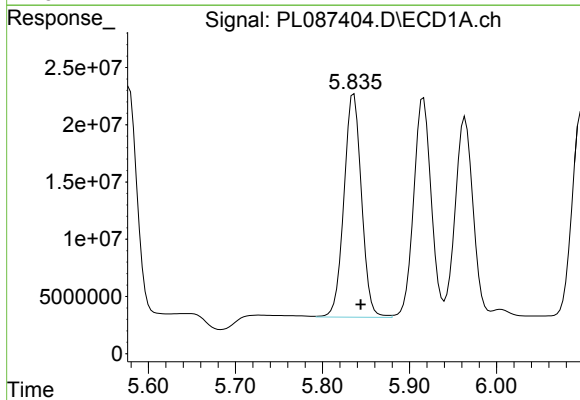
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



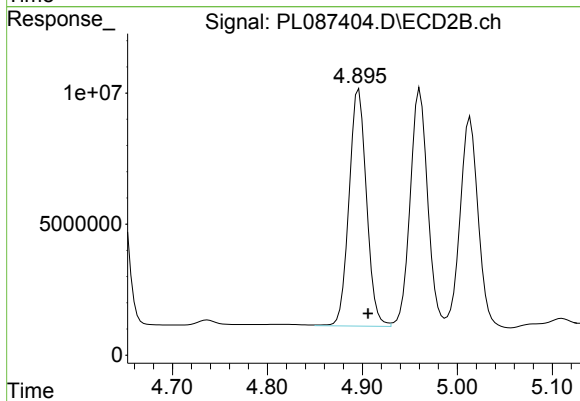
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.010 min
Response: 105547185
Conc: 48.84 ng/ml



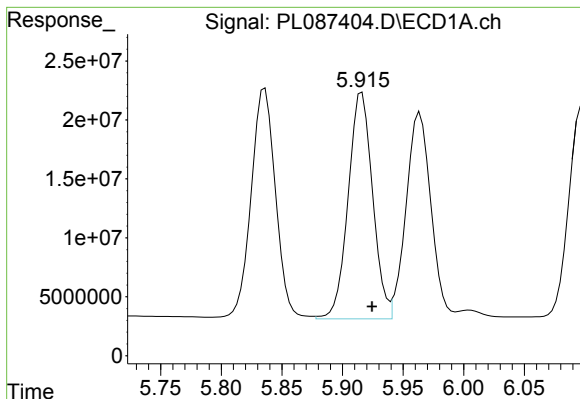
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 273561493
Conc: 56.43 ng/ml m



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.009 min
Response: 115566623
Conc: 50.52 ng/ml



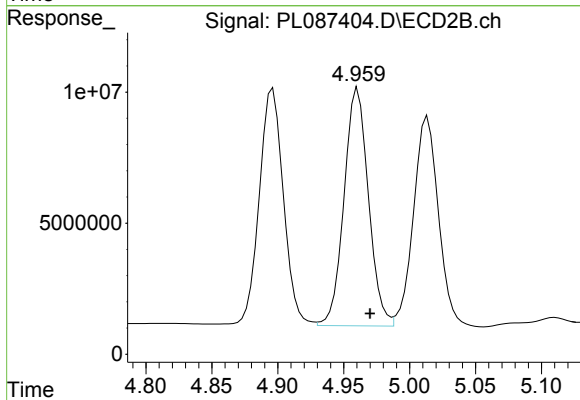
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 271193408
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

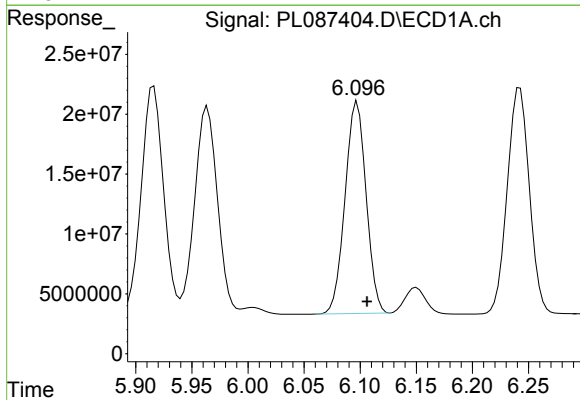
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



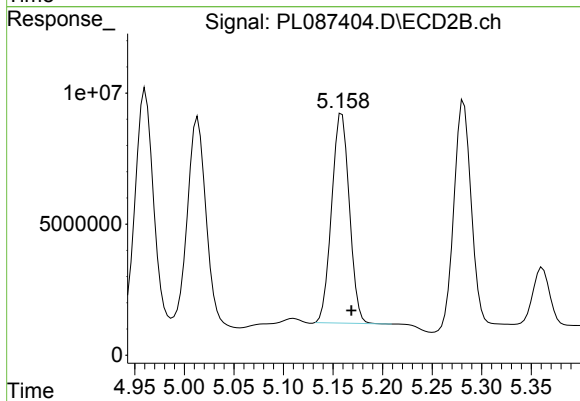
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 116732802
Conc: 50.58 ng/ml



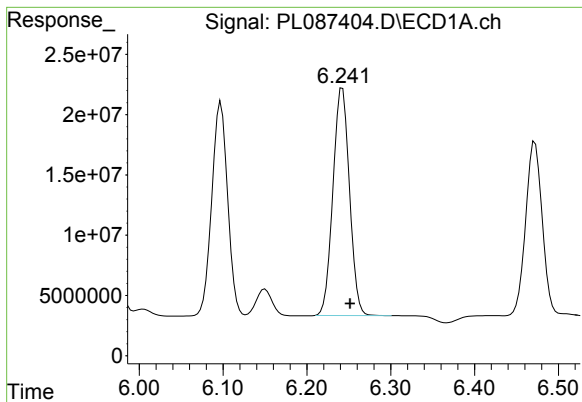
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 231254487
Conc: 55.80 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 99286464
Conc: 50.01 ng/ml



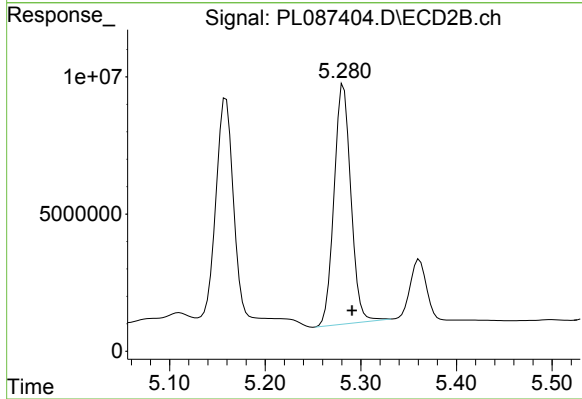
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 258563222
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

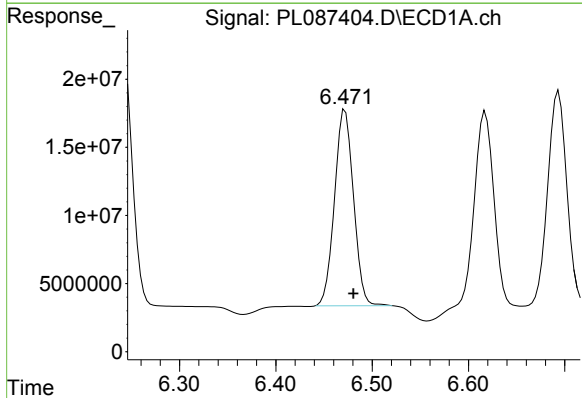
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



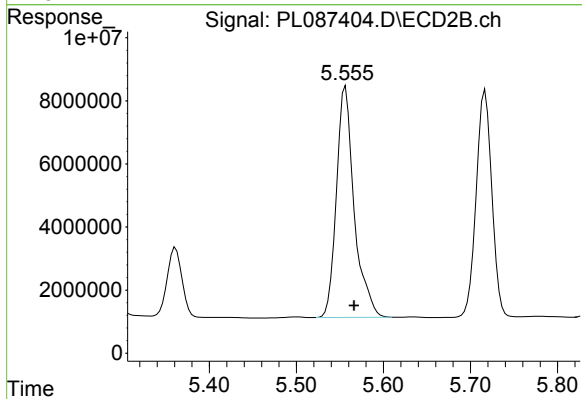
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 106535139
Conc: 47.82 ng/ml



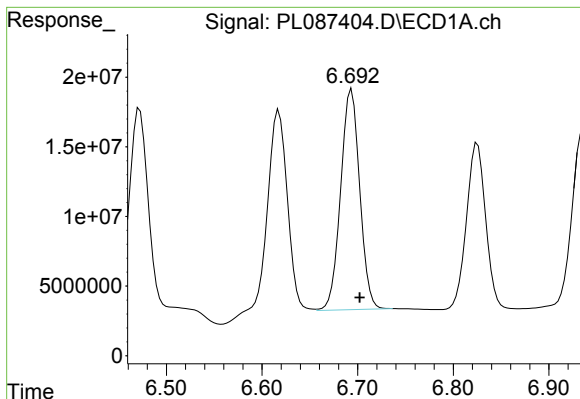
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 197268931
Conc: 51.27 ng/ml



#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.010 min
Response: 103871280
Conc: 52.05 ng/ml



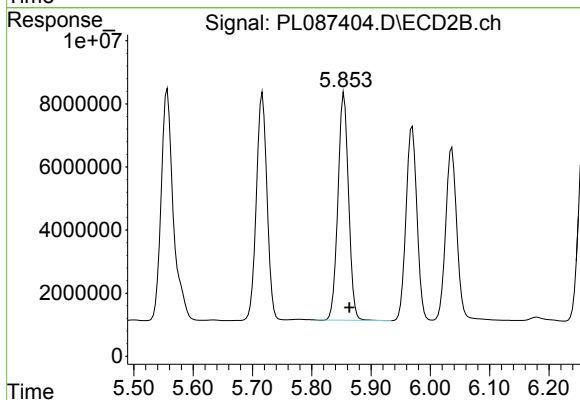
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 219671371
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

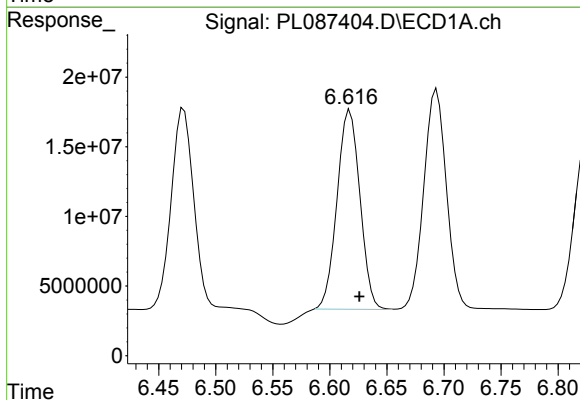
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



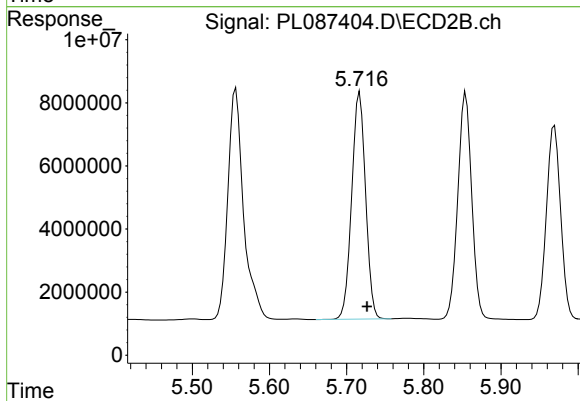
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 89678305
Conc: 46.06 ng/ml



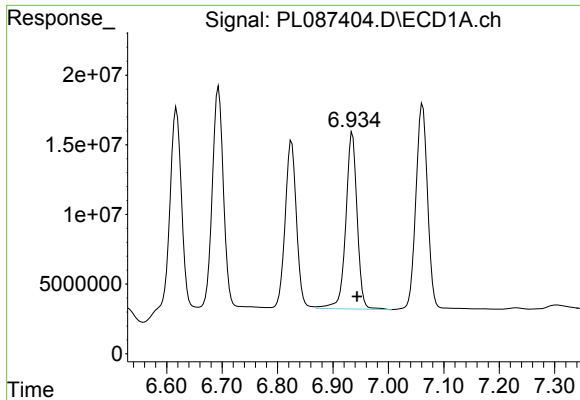
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 200010996
Conc: 60.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 89732845
Conc: 54.19 ng/ml



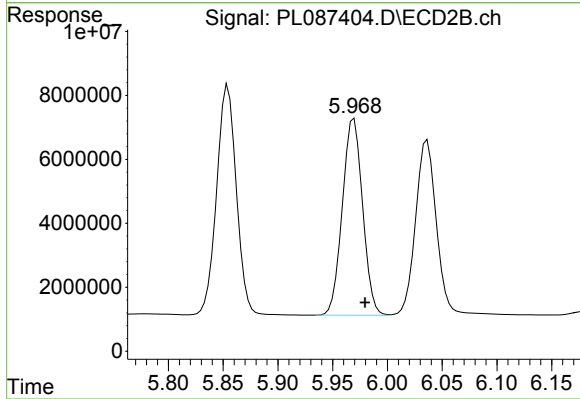
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 180639644
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

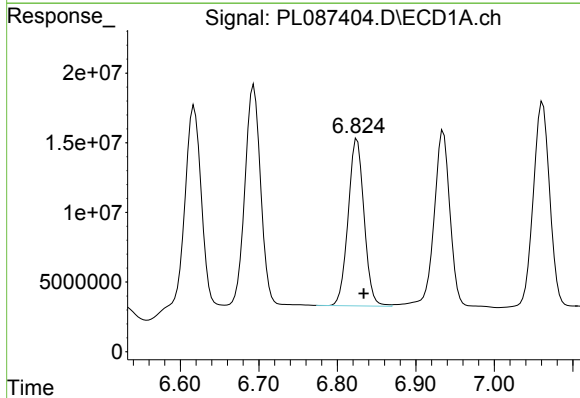
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



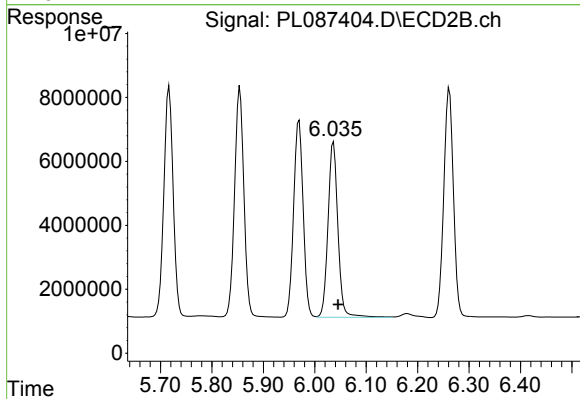
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 79112495
Conc: 42.90 ng/ml



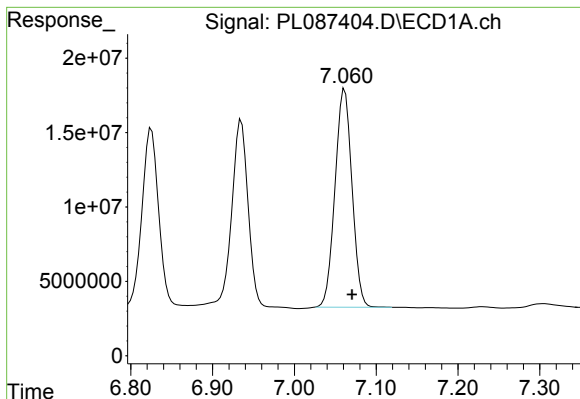
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 169239858
Conc: 58.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 73582651
Conc: 50.14 ng/ml



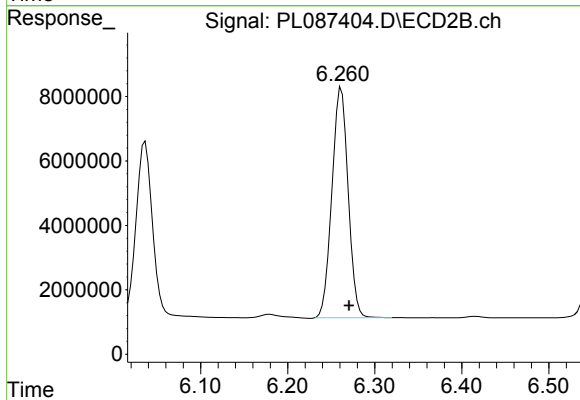
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 211347793
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

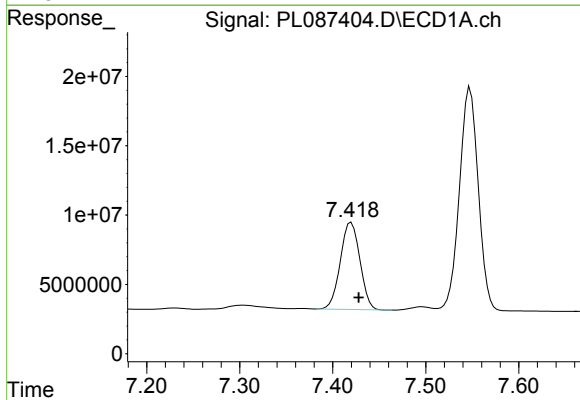
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



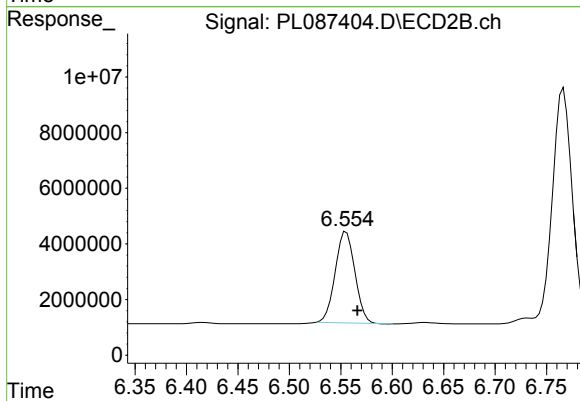
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 92666822
Conc: 49.19 ng/ml



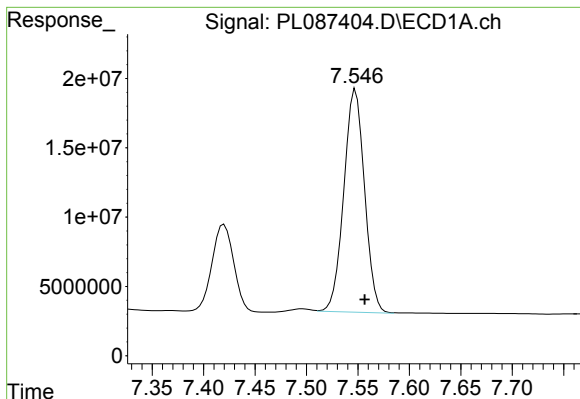
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 92078753
Conc: 47.22 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 43514954
Conc: 42.60 ng/ml



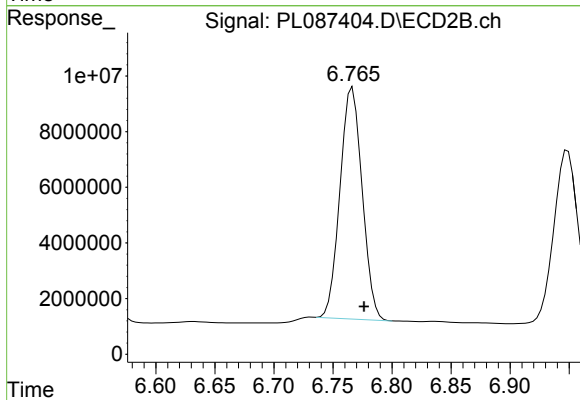
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.010 min
Response: 225453877
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

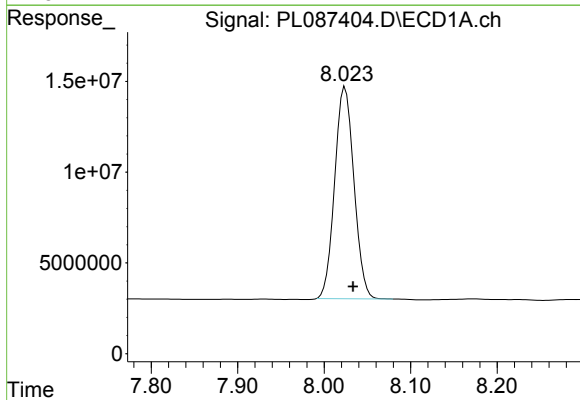
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



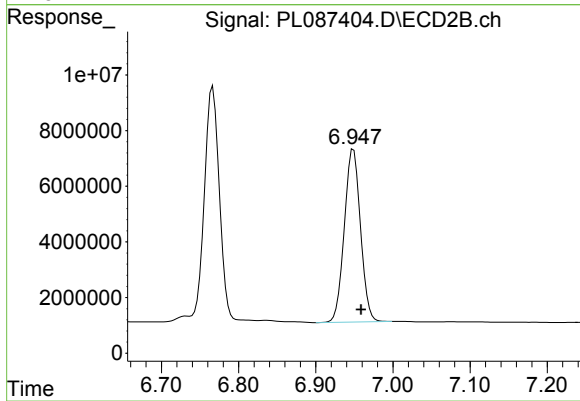
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 108730954
Conc: 51.08 ng/ml m



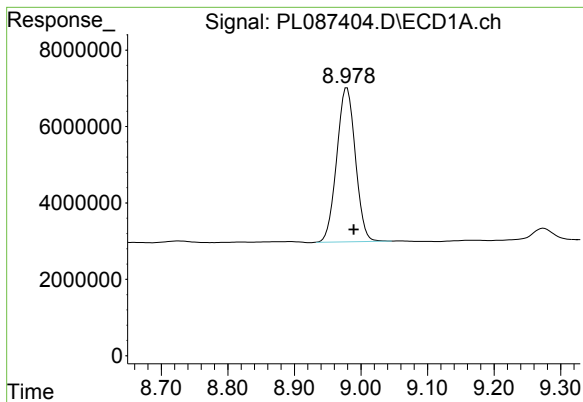
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 179791274
Conc: 53.38 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.010 min
Response: 90262162
Conc: 50.73 ng/ml



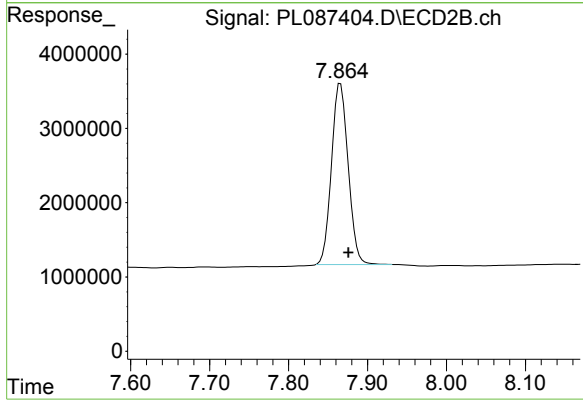
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 78358495
Conc: 22.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158025BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 35830272
Conc: 21.21 ng/ml