

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 13:59
 Operator : AR\AJ
 Sample : PB157998BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157998BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:29:56 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...	3.426	2.677	50102134	21745359	13.313	12.918
28)	SA Decachlor...	8.983	7.866	50310962	23946824	14.754	14.178
Target Compounds							
2)	A alpha-BHC	3.882	3.180	324.5E6	138.8E6	59.931	56.493m
3)	MA gamma-BHC...	4.216	3.512	297.8E6	131.2E6	56.657	54.166
4)	MA Heptachlor	4.808	3.854	297.3E6	128.7E6	55.808	53.858
5)	MB Aldrin	5.151	4.134	284.7E6	127.7E6	54.685	53.251
6)	B beta-BHC	4.416	3.813	125.0E6	54118986	54.408	51.988
7)	B delta-BHC	4.660	4.043	289.9E6	132.5E6	55.441m	54.183
8)	B Heptachlo...	5.582	4.642	259.6E6	113.6E6	55.089	51.064
9)	A Endosulfan I	5.968	5.013	241.7E6	110.2E6	54.114	50.981
10)	B gamma-Chl...	5.839	4.896	266.1E6	121.3E6	54.887	53.027
11)	B alpha-Chl...	5.920	4.960	260.2E6	120.4E6	54.137	52.167
12)	B 4,4'-DDE	6.101	5.158	227.9E6	103.9E6	54.985	52.343
13)	MA Dieldrin	6.246	5.280	249.8E6	112.8E6	53.832	50.649
14)	MA Endrin	6.475	5.556	207.8E6	101.9E6	54.017	51.048
15)	B Endosulfa...	6.696	5.854	202.8E6	94323388	50.556	48.445
16)	A 4,4'-DDD	6.621	5.716	185.0E6	87561334	55.963	52.883
17)	MA 4,4'-DDT	6.938	5.969	198.3E6	89684440	52.744	48.627
18)	B Endrin al...	6.828	6.036	150.1E6	71589641	51.798	48.779
19)	B Endosulfa...	7.064	6.261	210.2E6	96127314	53.518	51.028
20)	A Methoxychlor	7.422	6.555	97334534	47224752	49.917	46.236
21)	B Endrin ke...	7.549	6.765	217.2E6	110.7E6	53.378m	52.022m
22)	Mirex	8.028	6.948	158.4E6	79962999	47.018	44.945

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 13:59
 Operator : AR\AJ
 Sample : PB157998BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157998BS

Manual Integrations

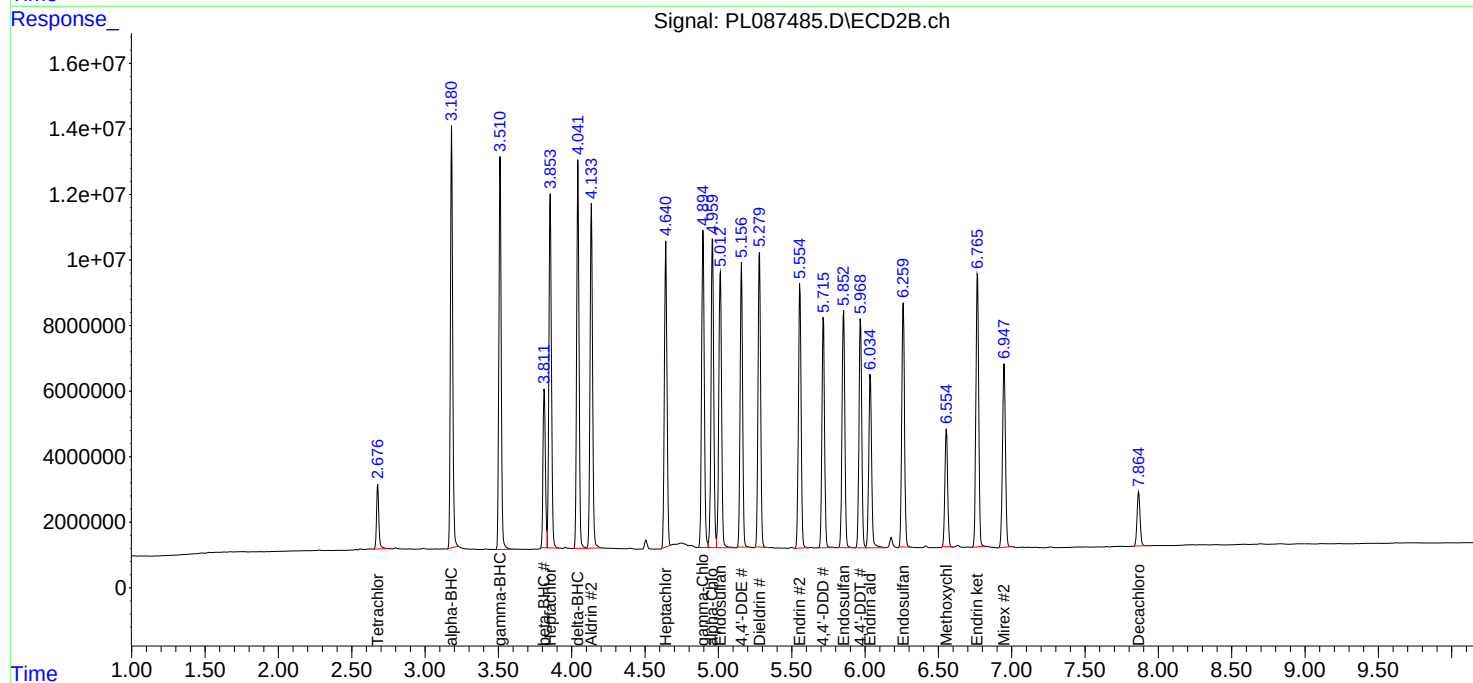
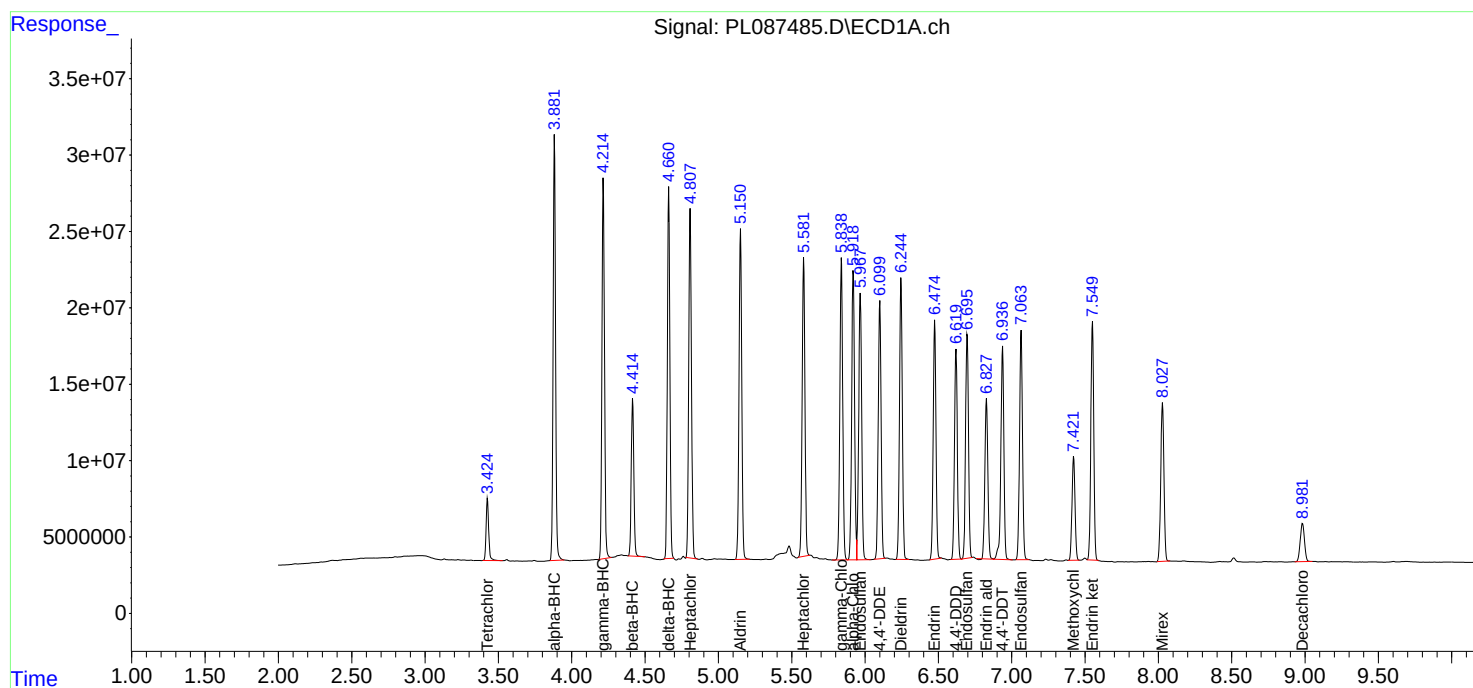
APPROVED

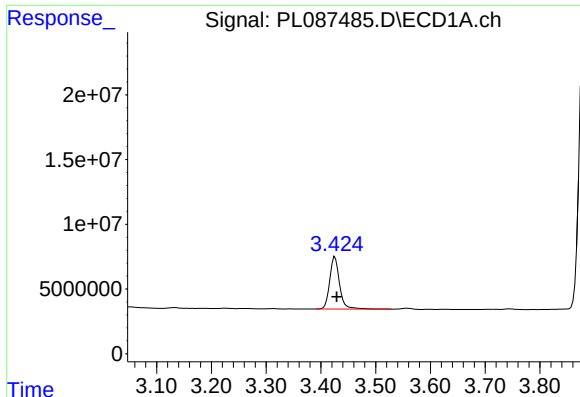
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:29:56 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





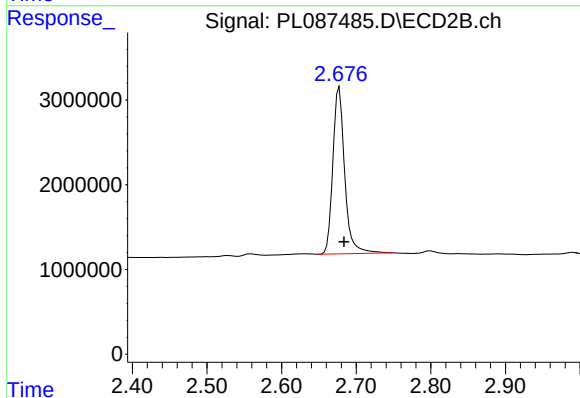
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 50102134
Conc: 13.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

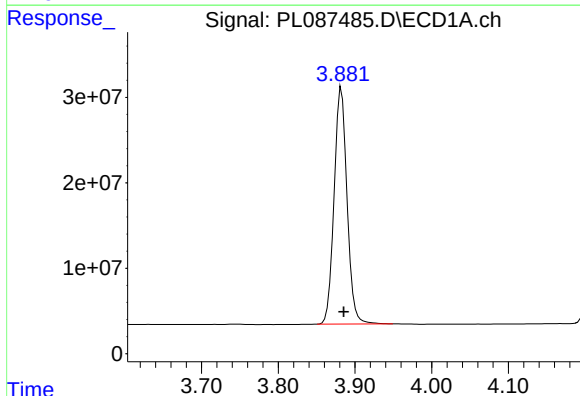
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



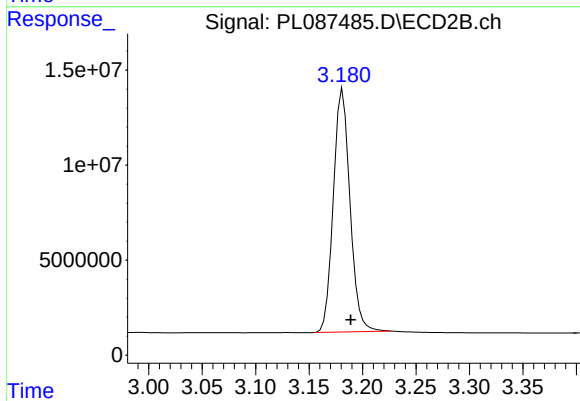
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 21745359
Conc: 12.92 ng/ml



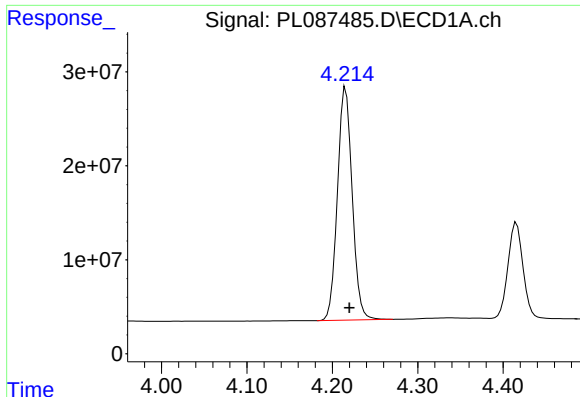
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.003 min
Response: 324473323
Conc: 59.93 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 138836427
Conc: 56.49 ng/ml m



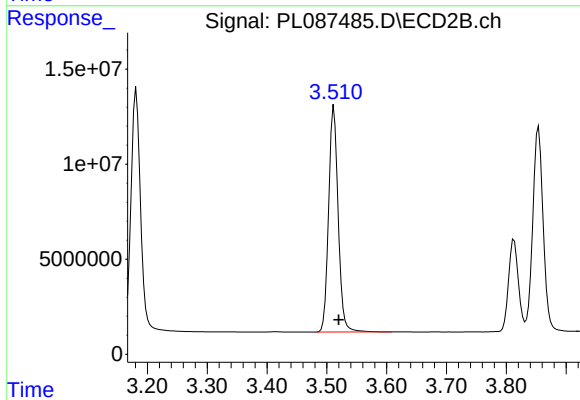
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.004 min
Response: 297770348
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

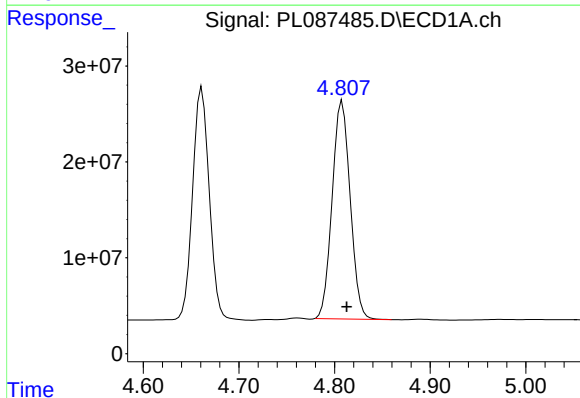
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



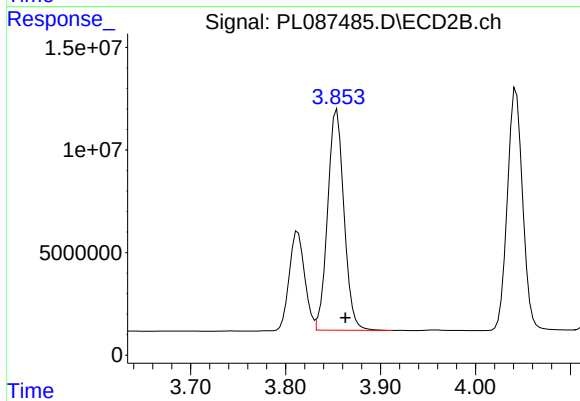
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 131210985
Conc: 54.17 ng/ml



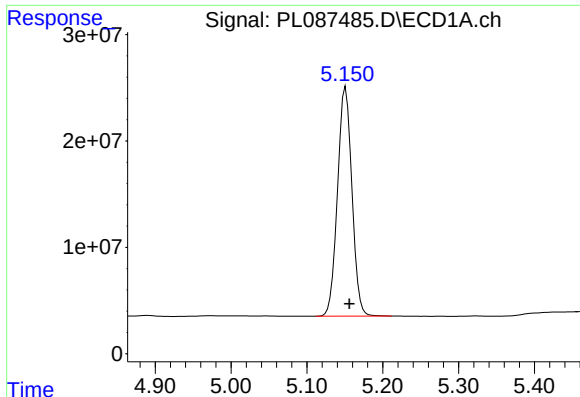
#4 Heptachlor

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 297268057
Conc: 55.81 ng/ml



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 128736391
Conc: 53.86 ng/ml



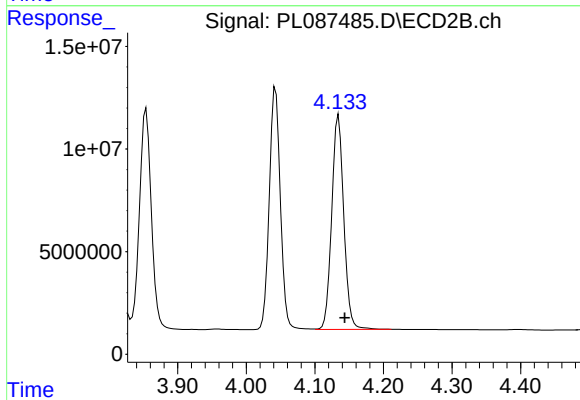
#5 Aldrin

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 284709900
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

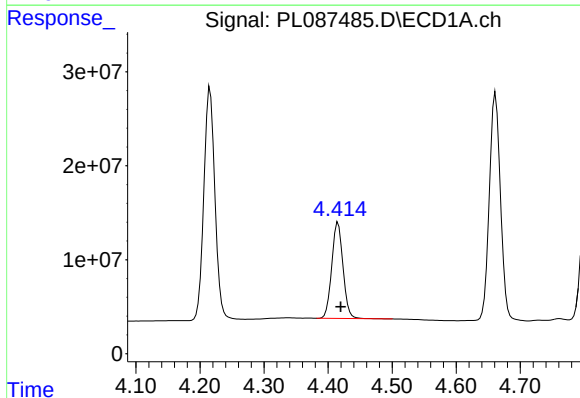
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



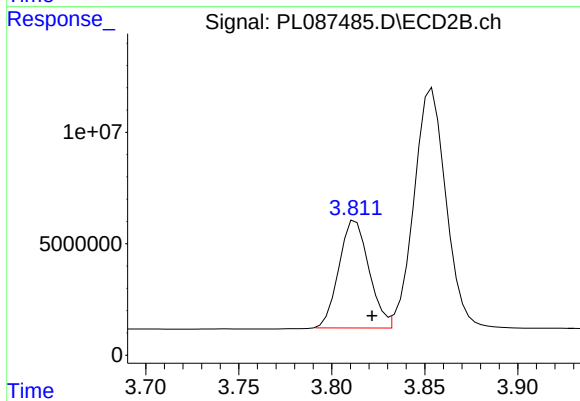
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.009 min
Response: 127681774
Conc: 53.25 ng/ml



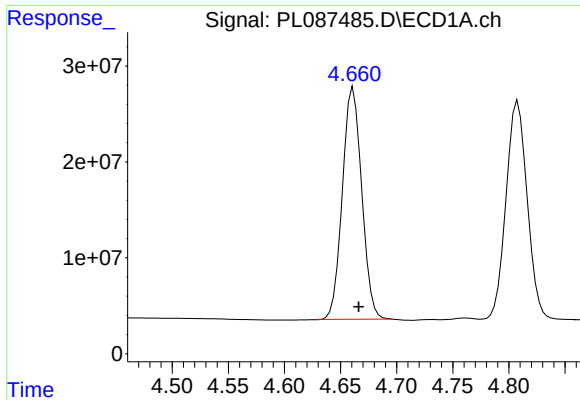
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.004 min
Response: 124963748
Conc: 54.41 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 54118986
Conc: 51.99 ng/ml



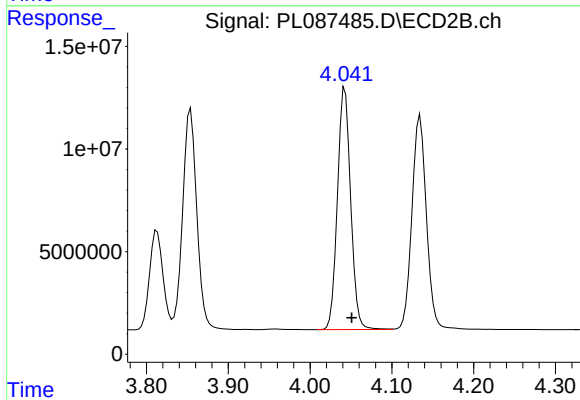
#7 delta-BHC

R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 289921498
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

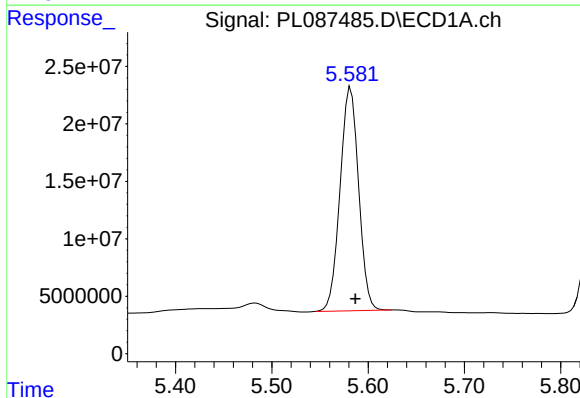
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



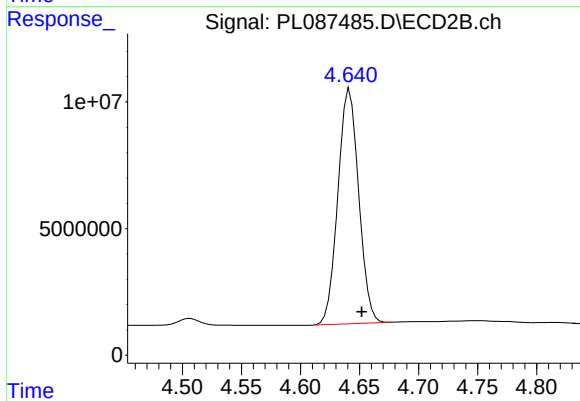
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 132542078
Conc: 54.18 ng/ml



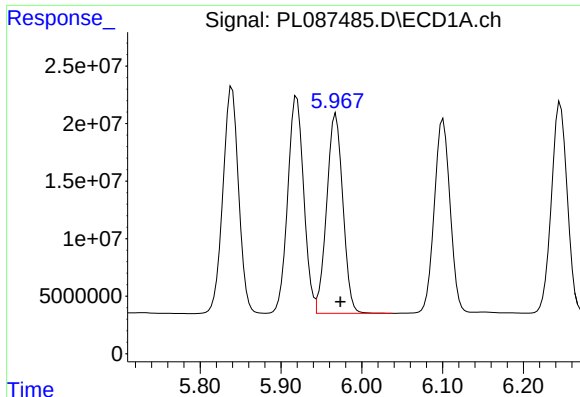
#8 Heptachlor epoxide

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 259622552
Conc: 55.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.010 min
Response: 113633387
Conc: 51.06 ng/ml



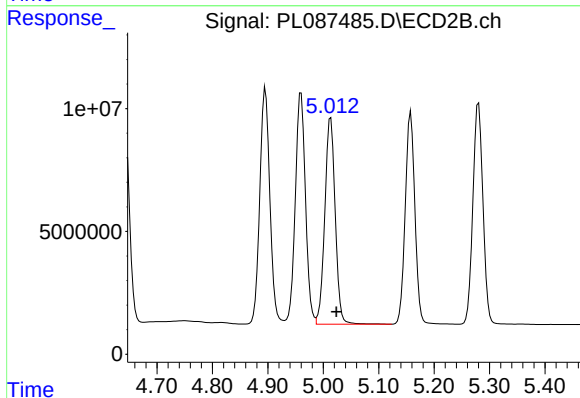
#9 Endosulfan I

R.T.: 5.968 min
Delta R.T.: -0.005 min
Response: 241689855
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

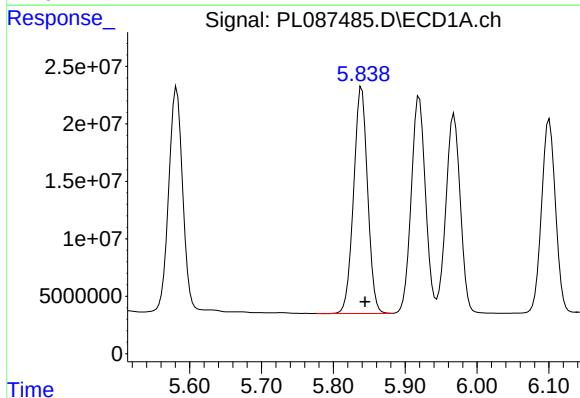
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



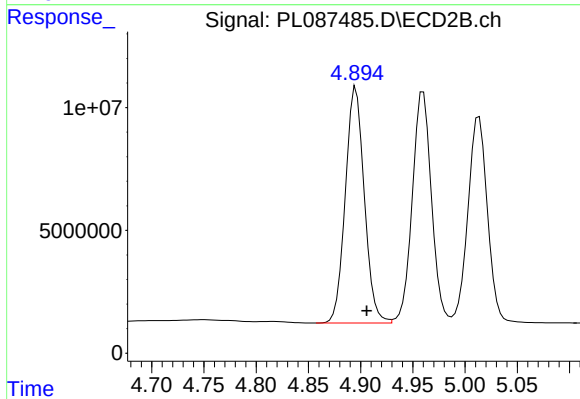
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.010 min
Response: 110177809
Conc: 50.98 ng/ml



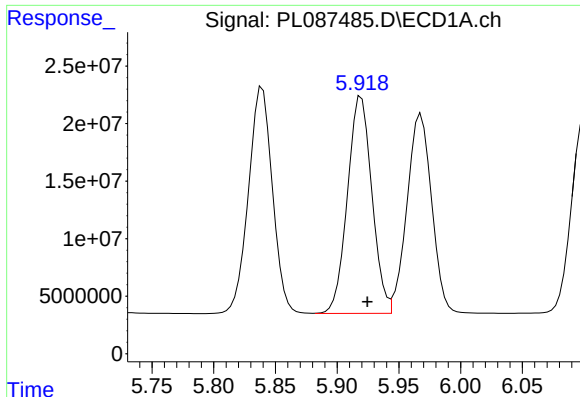
#10 gamma-Chlordane

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 266093174
Conc: 54.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 121289779
Conc: 53.03 ng/ml



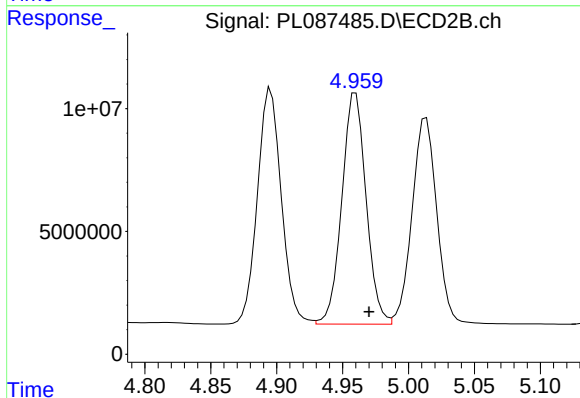
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 260190294
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

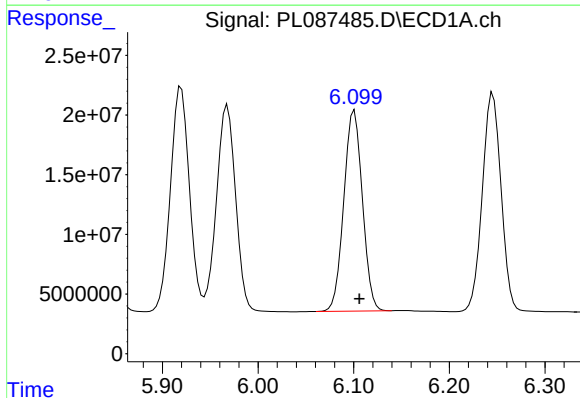
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



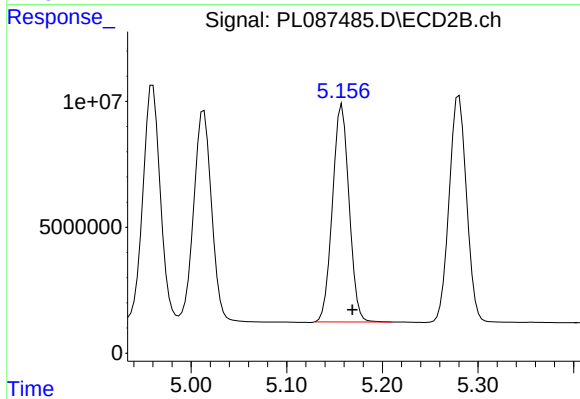
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 120403542
Conc: 52.17 ng/ml



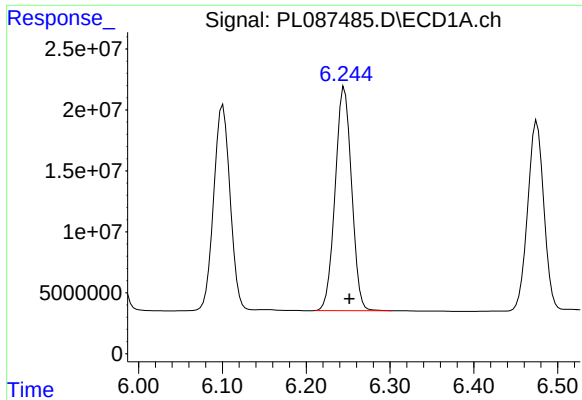
#12 4,4'-DDE

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 227858621
Conc: 54.98 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: 103928506
Conc: 52.34 ng/ml



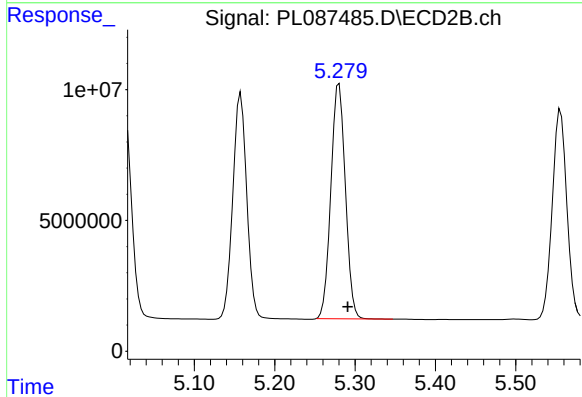
#13 Dieldrin

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 249830662
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

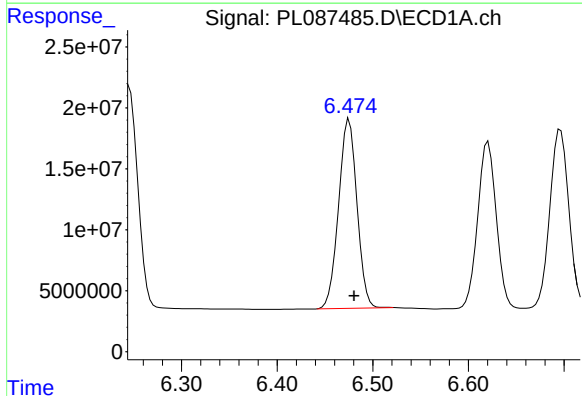
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



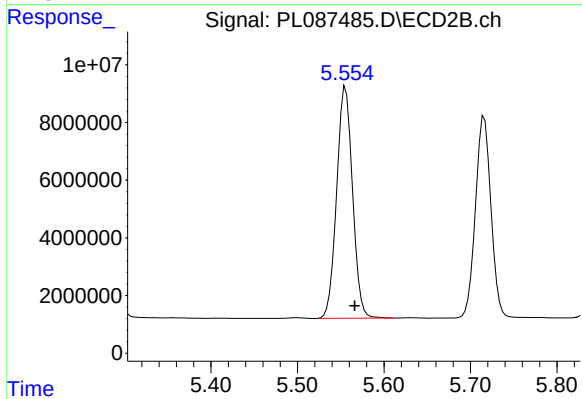
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 112834734
Conc: 50.65 ng/ml



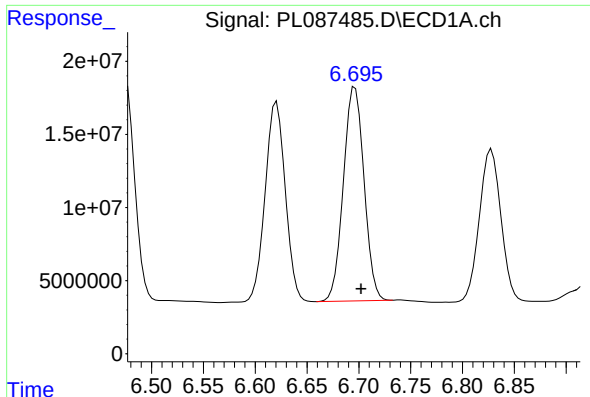
#14 Endrin

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 207823608
Conc: 54.02 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 101873446
Conc: 51.05 ng/ml



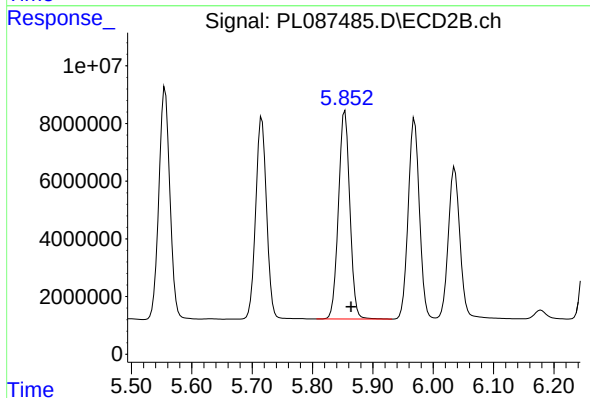
#15 Endosulfan II

R.T.: 6.696 min
Delta R.T.: -0.006 min
Response: 202751088
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

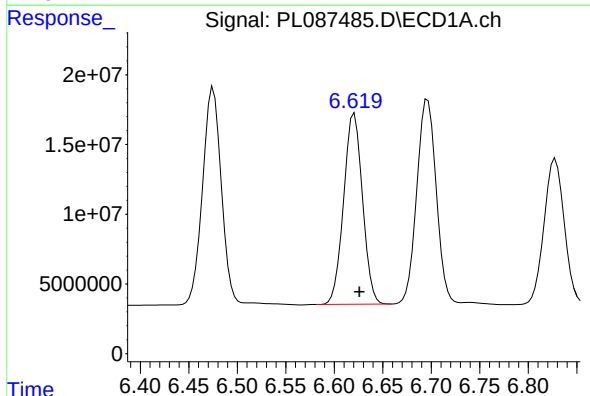
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



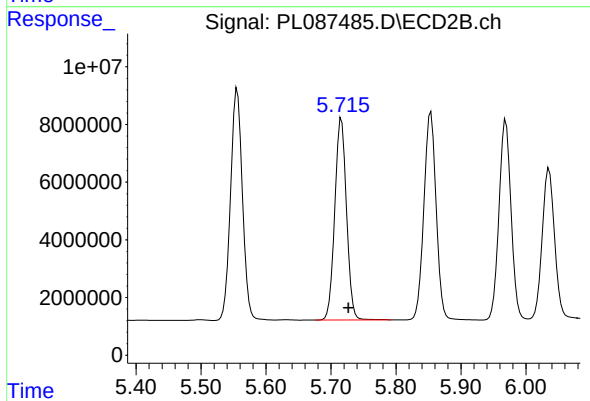
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 94323388
Conc: 48.45 ng/ml



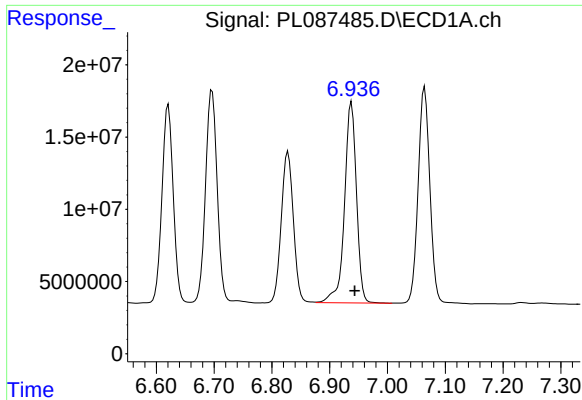
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: -0.005 min
Response: 184965249
Conc: 55.96 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 87561334
Conc: 52.88 ng/ml



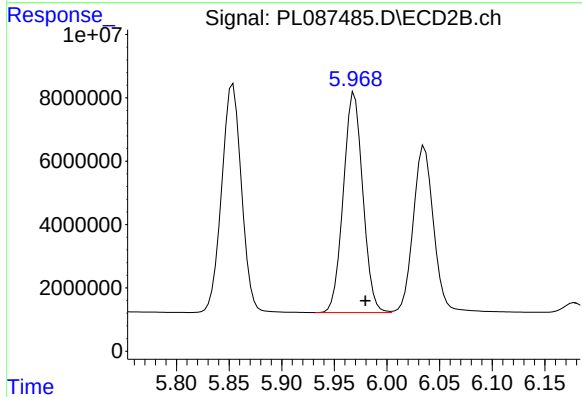
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: -0.006 min
Response: 198330160
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

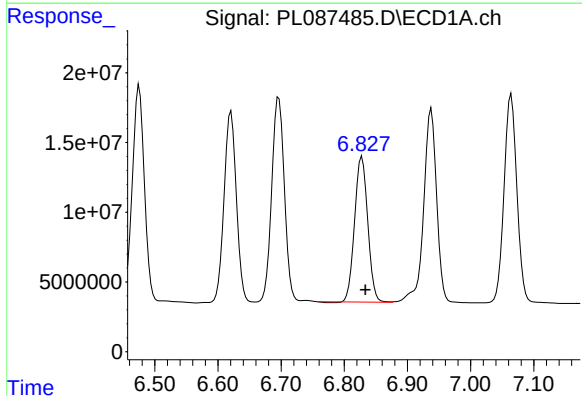
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



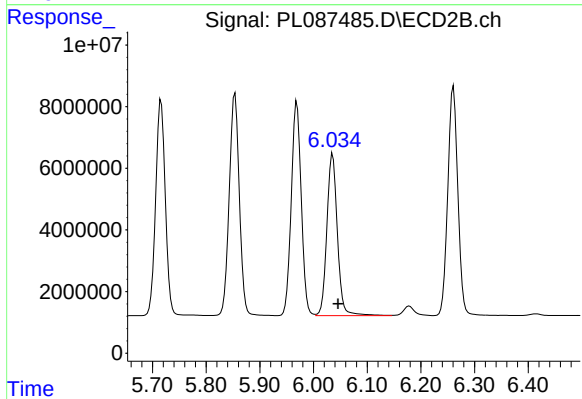
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.011 min
Response: 89684440
Conc: 48.63 ng/ml



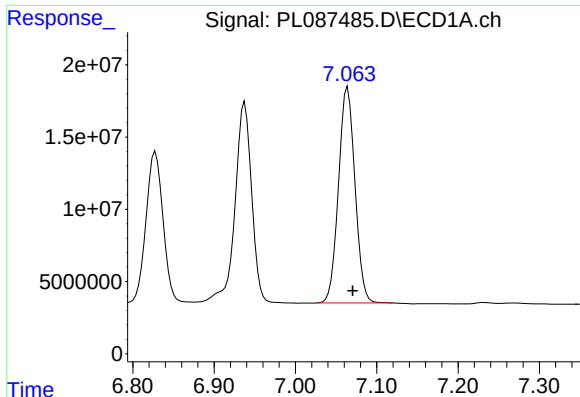
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.005 min
Response: 150130448
Conc: 51.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 71589641
Conc: 48.78 ng/ml



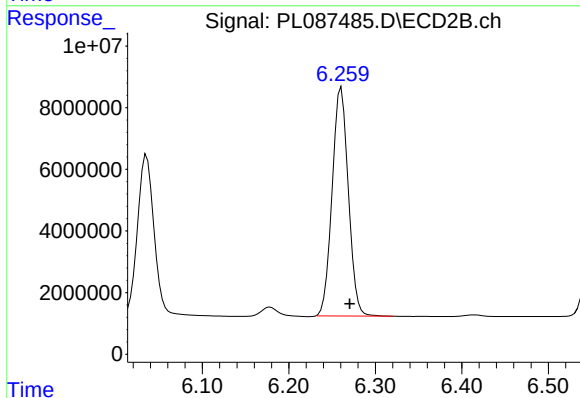
#19 Endosulfan Sulfate

R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 210158230
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

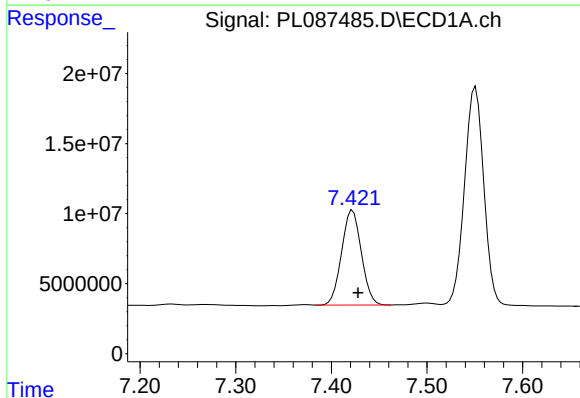
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



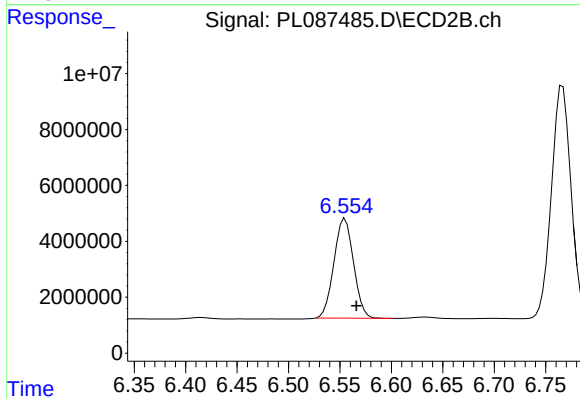
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 96127314
Conc: 51.03 ng/ml



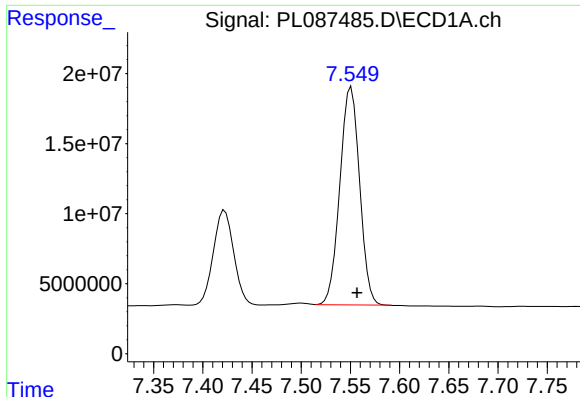
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 97334534
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 47224752
Conc: 46.24 ng/ml



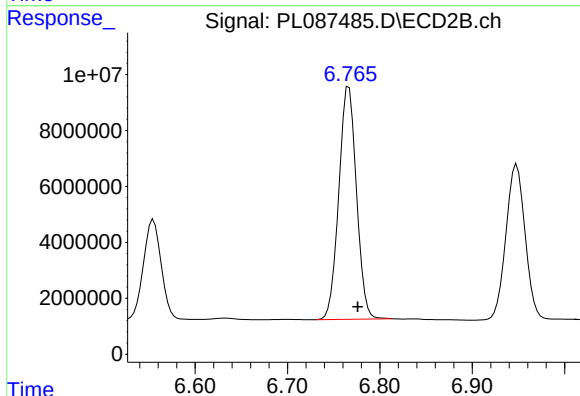
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.007 min
Response: 217156780
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

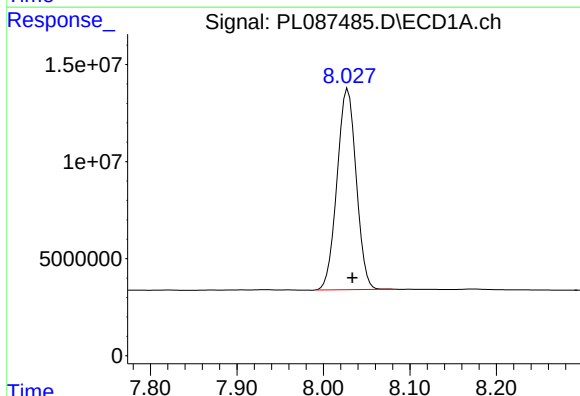
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



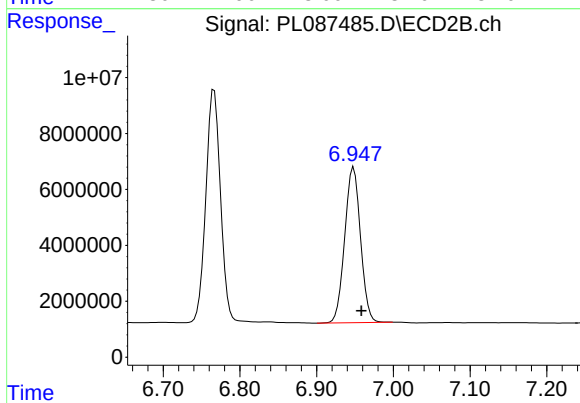
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 110738424
Conc: 52.02 ng/ml m



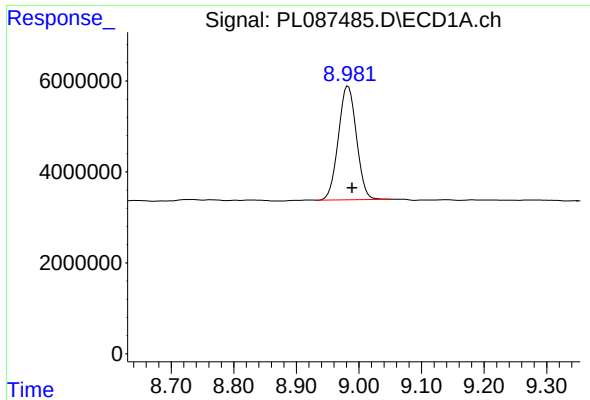
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 158356685
Conc: 47.02 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.010 min
Response: 79962999
Conc: 44.95 ng/ml



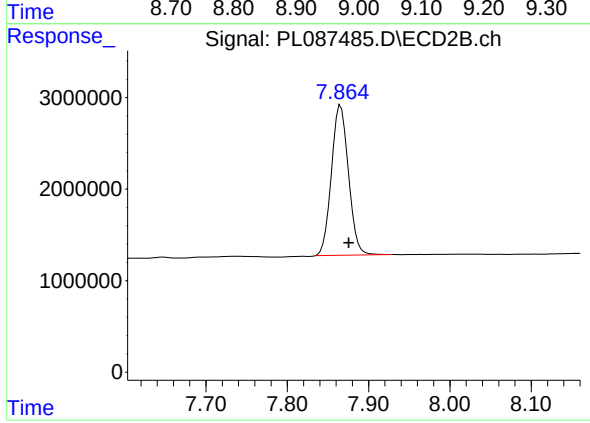
#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: -0.007 min
Response: 50310962
Conc: 14.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157998BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 23946824
Conc: 14.18 ng/ml