

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 22:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 08:58:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.455	2.753	102.2E6	116.3E6	46.260	49.920
28)	SA Decachlor...	8.992	7.962	91872712	112.2E6	48.213	45.662
Target Compounds							
2)	A alpha-BHC	3.912	3.263	147.6E6	174.6E6	47.396	51.713
3)	MA gamma-BHC...	4.245	3.597	136.8E6	165.1E6	47.985	51.419
4)	MA Heptachlor	4.837	3.943	126.7E6	154.1E6	45.813	49.783
5)	MB Aldrin	5.179	4.226	125.0E6	157.3E6	48.114	52.247
6)	B beta-BHC	4.442	3.898	62921265	75390445	48.634m	50.517
7)	B delta-BHC	4.690	4.130	134.0E6	169.4E6	48.616	52.543
8)	B Heptachlo...	5.608	4.734	116.5E6	150.0E6	45.905	52.271m
9)	A Endosulfan I	5.992	5.108	108.7E6	140.2E6	48.768	52.038
10)	B gamma-Chl...	5.864	4.990	117.7E6	154.5E6	48.924	52.211
11)	B alpha-Chl...	5.944	5.054	116.0E6	152.9E6	48.973	51.688
12)	B 4,4'-DDE	6.123	5.251	102.2E6	138.9E6	50.621	54.357
13)	MA Dieldrin	6.269	5.376	108.5E6	148.3E6	48.324	52.898
14)	MA Endrin	6.498	5.652	92747576	127.0E6	52.552	55.004
15)	B Endosulfa...	6.718	5.949	91560874	122.3E6	49.055	51.535
16)	A 4,4'-DDD	6.641	5.810	91395121	125.9E6	53.528	57.106
17)	MA 4,4'-DDT	6.956	6.064	73422419	94396257	43.609	45.212
18)	B Endrin al...	6.847	6.131	72078462	94285466	48.623m	49.887
19)	B Endosulfa...	7.084	6.356	95320583	124.0E6	49.635	51.196
20)	A Methoxychlor	7.437	6.649	42299694	55229335	46.634	45.827
21)	B Endrin ke...	7.568	6.863	101.0E6	136.8E6	47.154	48.644
22)	Mirex	8.043	7.049	86611689	113.4E6	46.405	47.118

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 22:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

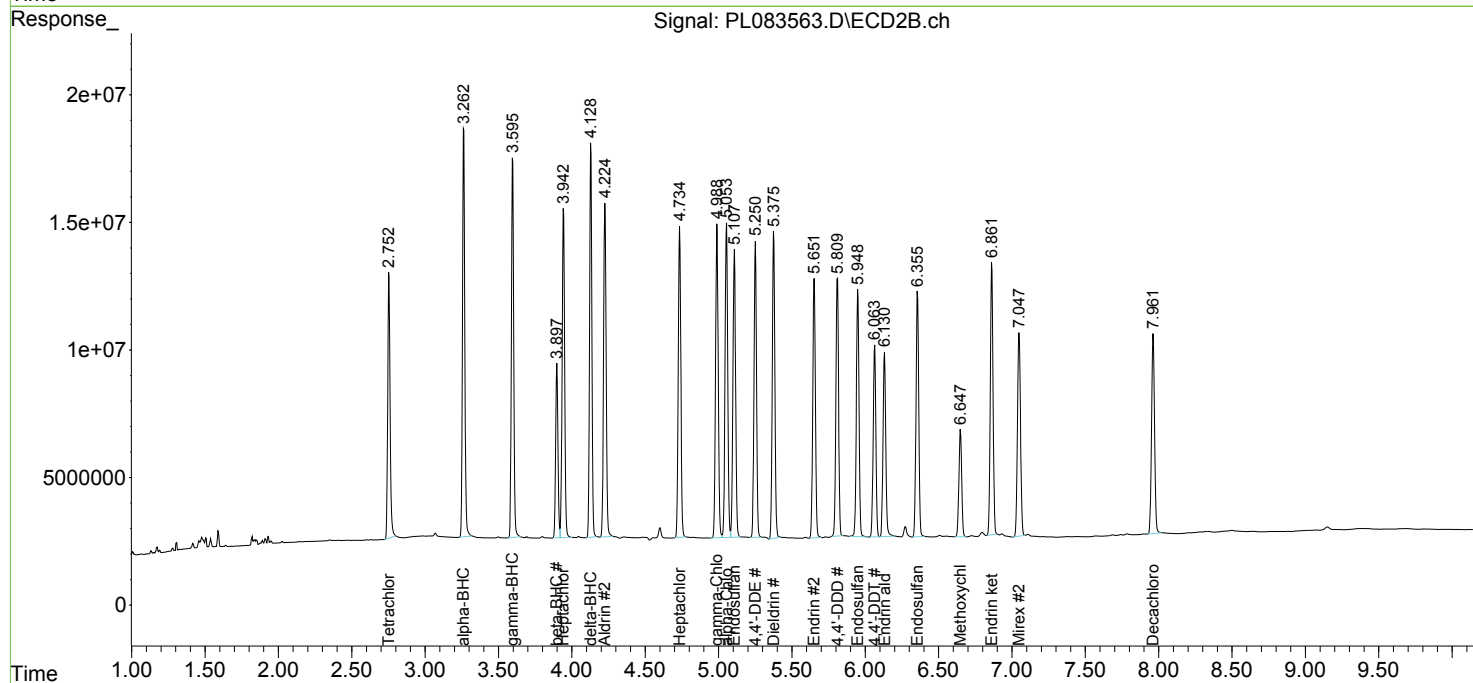
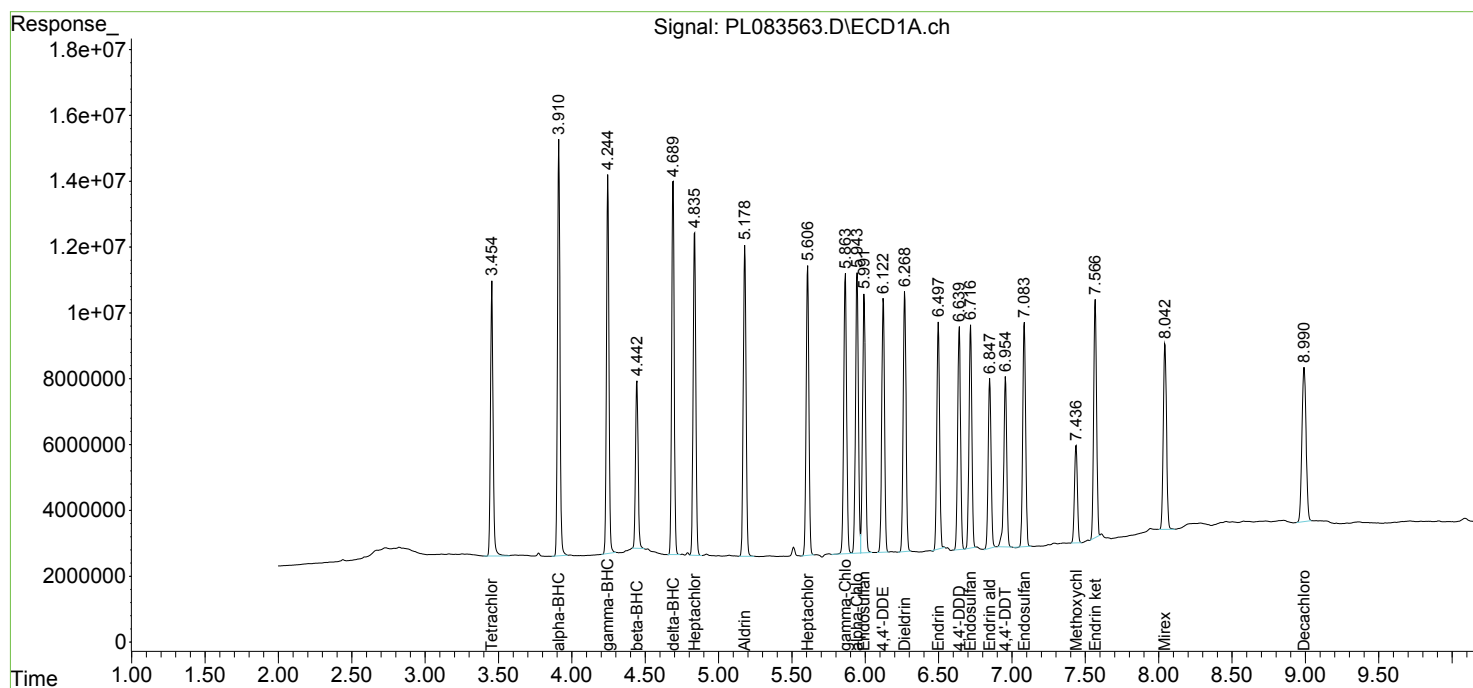
APPROVED

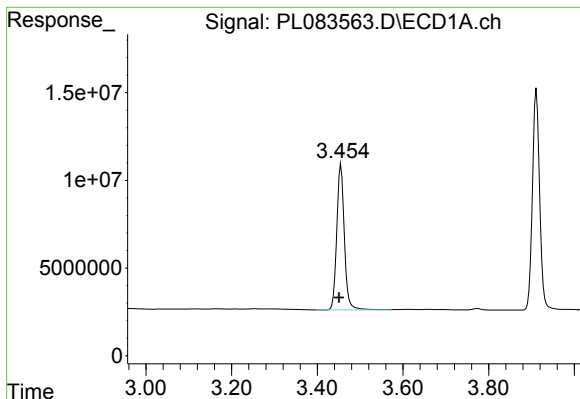
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 08:58:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 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





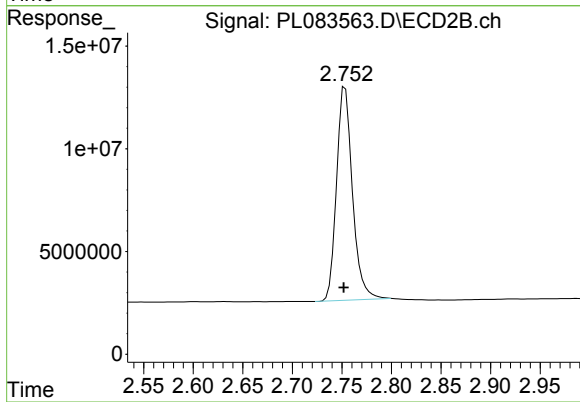
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 102248729
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

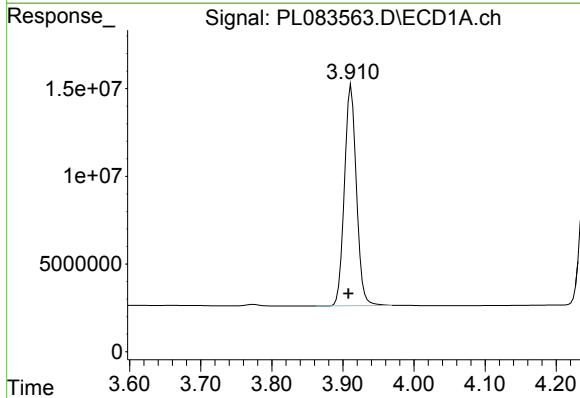
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



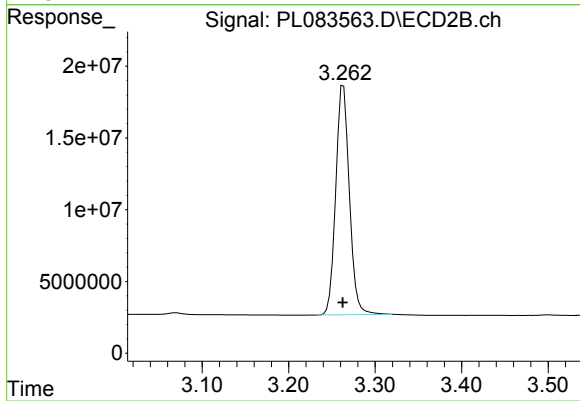
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.002 min
Response: 116282615
Conc: 49.92 ng/ml



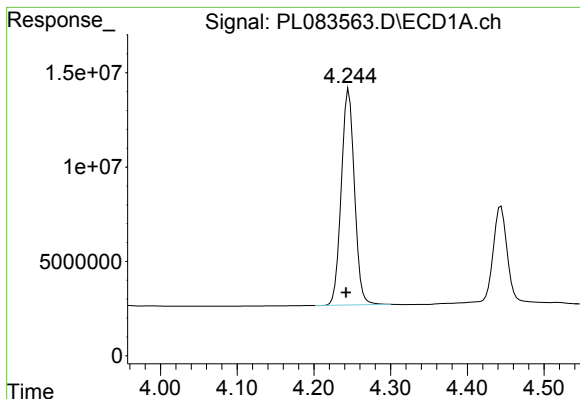
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 147565214
Conc: 47.40 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 174562252
Conc: 51.71 ng/ml



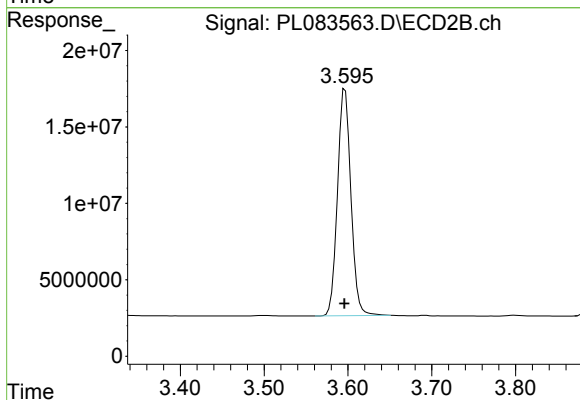
#3 gamma-BHC (Lindane)

R.T.: 4.245 min
Delta R.T.: 0.004 min
Response: 136793279
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

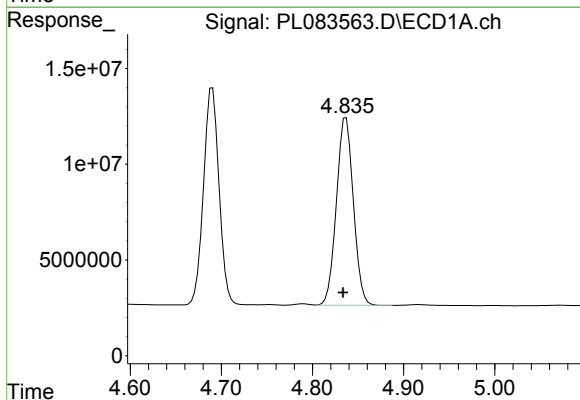
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



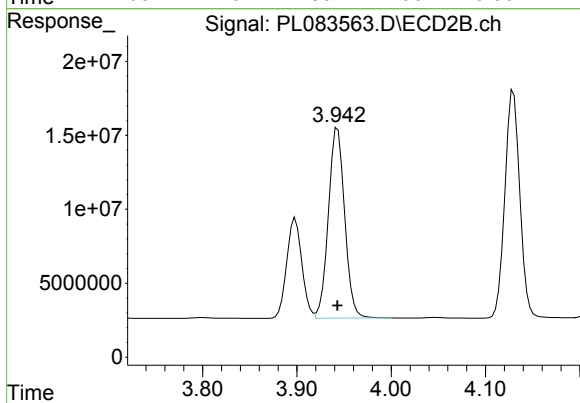
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 165085465
Conc: 51.42 ng/ml



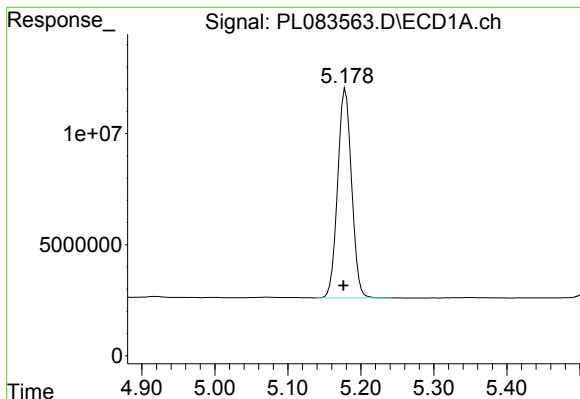
#4 Heptachlor

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 126668905
Conc: 45.81 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 154110232
Conc: 49.78 ng/ml



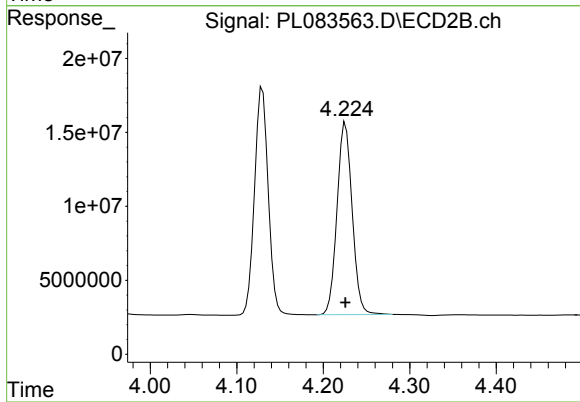
#5 Aldrin

R.T.: 5.179 min
Delta R.T.: 0.003 min
Response: 125040528
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

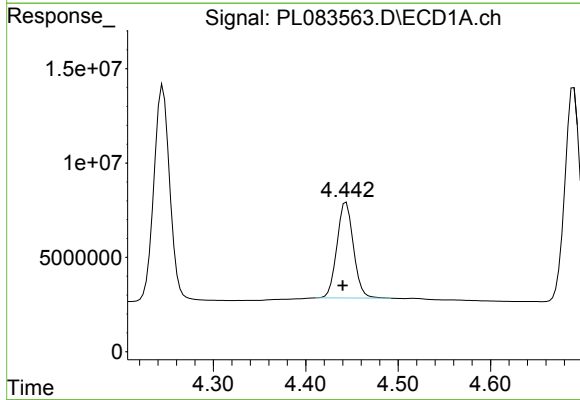
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



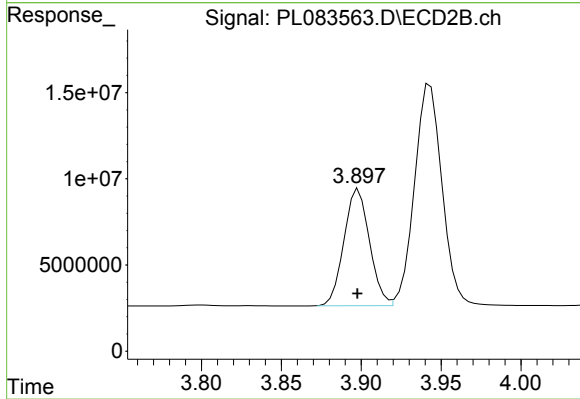
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 157295922
Conc: 52.25 ng/ml



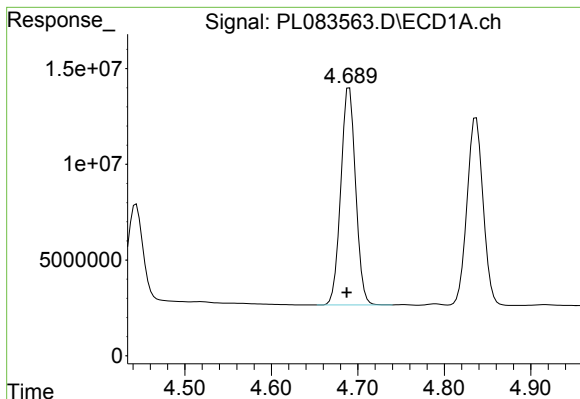
#6 beta-BHC

R.T.: 4.442 min
Delta R.T.: 0.002 min
Response: 62921265
Conc: 48.63 ng/ml m



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 75390445
Conc: 50.52 ng/ml



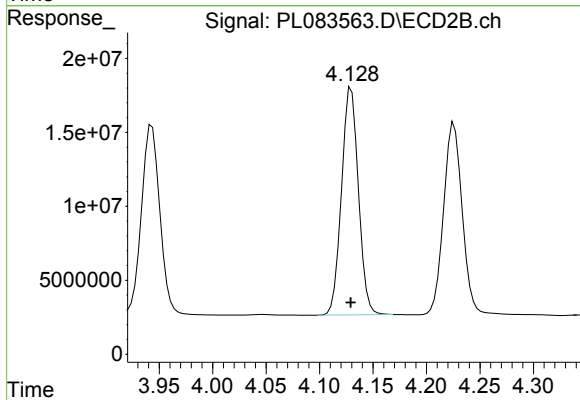
#7 delta-BHC

R.T.: 4.690 min
Delta R.T.: 0.003 min
Response: 133998028
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

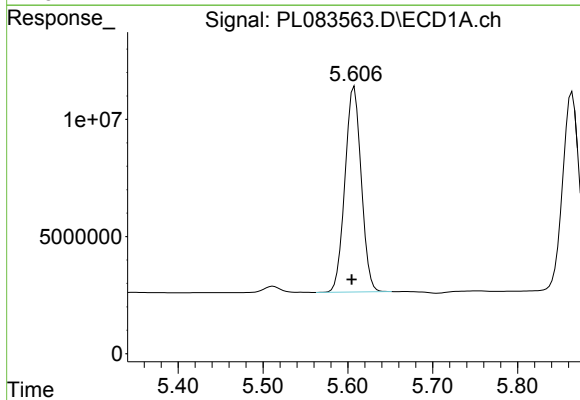
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



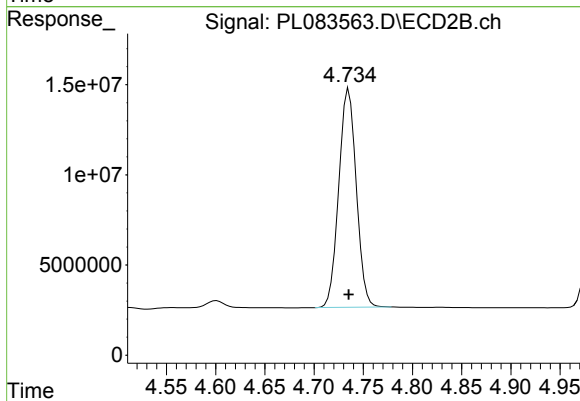
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 169357477
Conc: 52.54 ng/ml



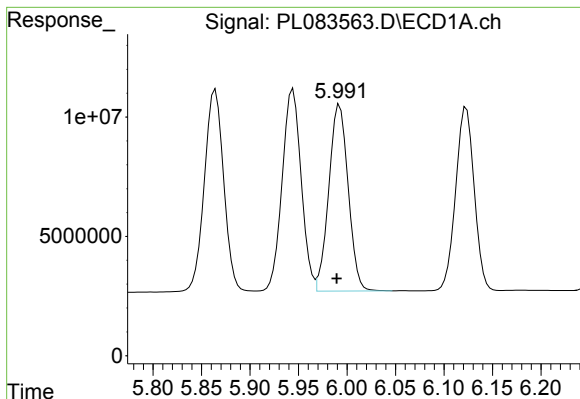
#8 Heptachlor epoxide

R.T.: 5.608 min
Delta R.T.: 0.003 min
Response: 116522442
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 150041694
Conc: 52.27 ng/ml m



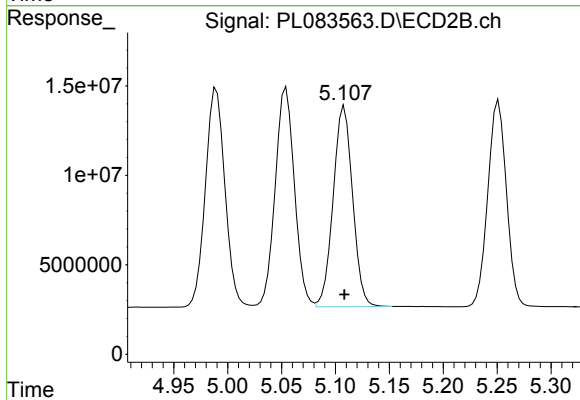
#9 Endosulfan I

R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 108667239
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

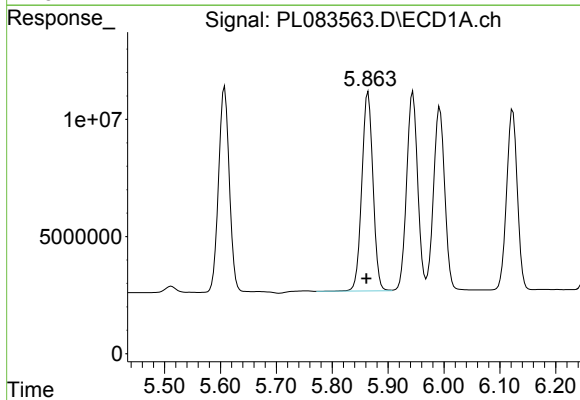
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



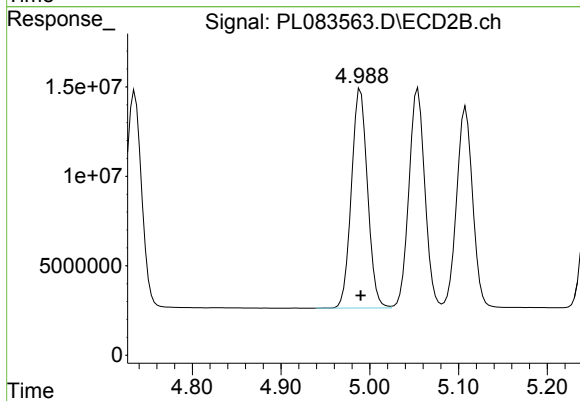
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 140245516
Conc: 52.04 ng/ml



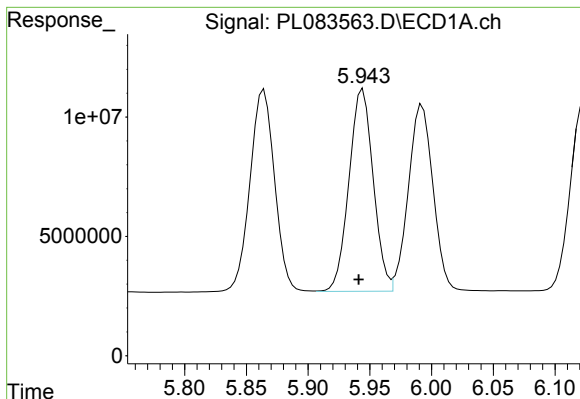
#10 gamma-Chlordane

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 117694665
Conc: 48.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 154479661
Conc: 52.21 ng/ml



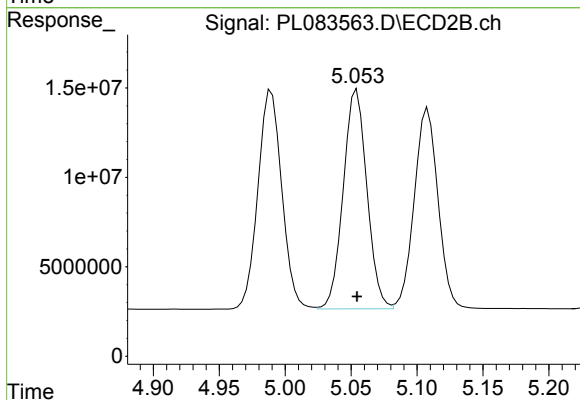
#11 alpha-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 11600526
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

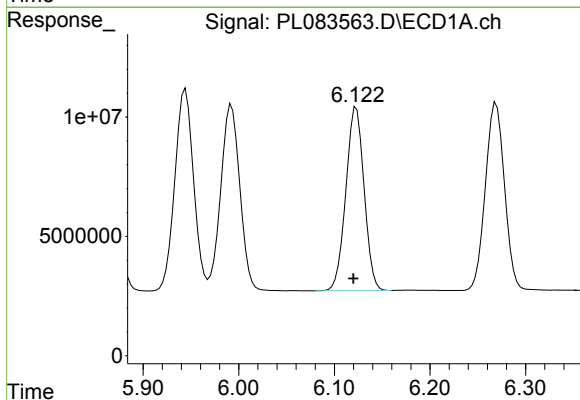
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



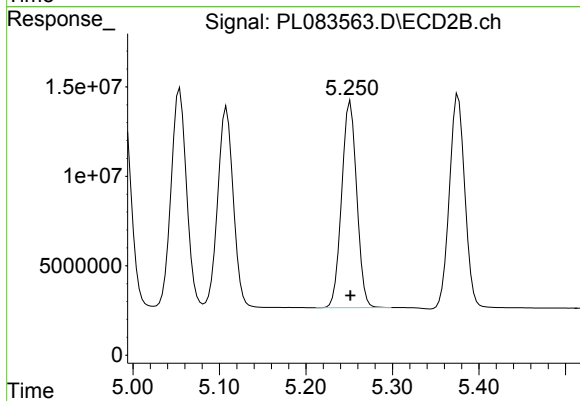
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 152906716
Conc: 51.69 ng/ml



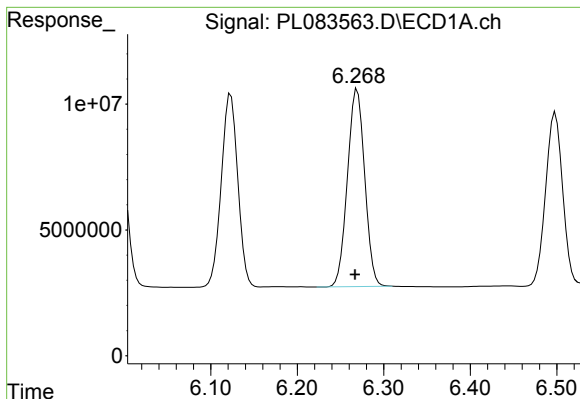
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: 0.003 min
Response: 102189118
Conc: 50.62 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 138860234
Conc: 54.36 ng/ml



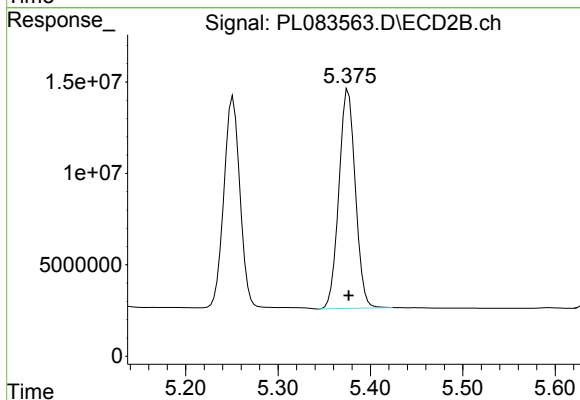
#13 Dieldrin

R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 108509533
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

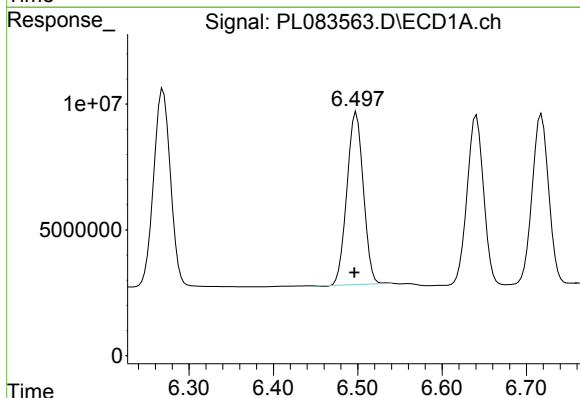
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



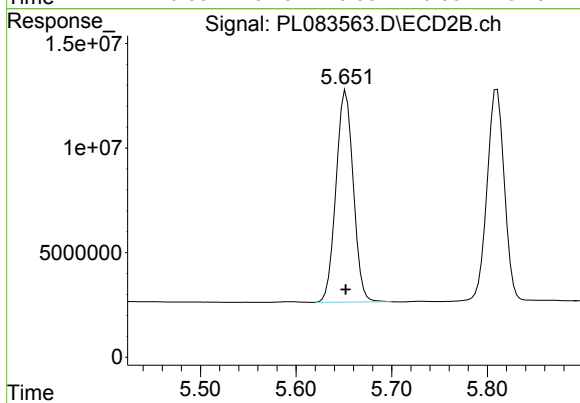
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 148338214
Conc: 52.90 ng/ml



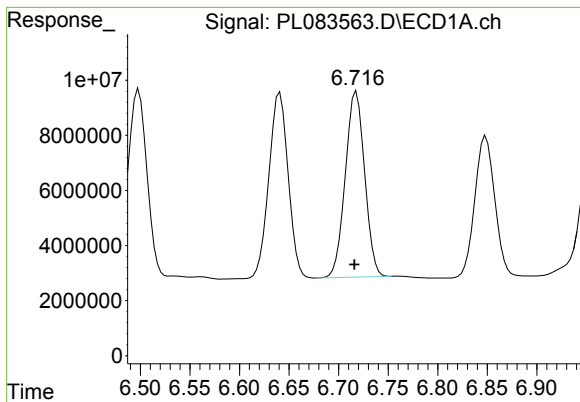
#14 Endrin

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 92747576
Conc: 52.55 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 126954459
Conc: 55.00 ng/ml



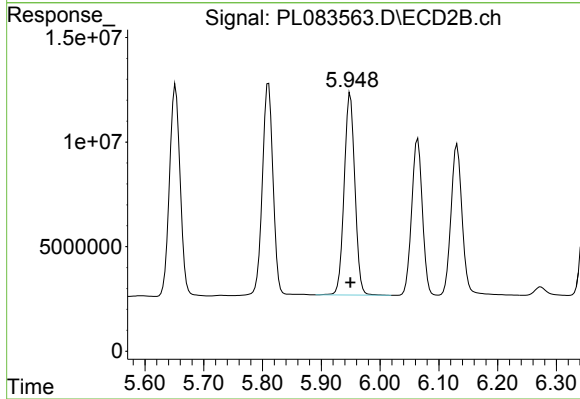
#15 Endosulfan II

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 91560874
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

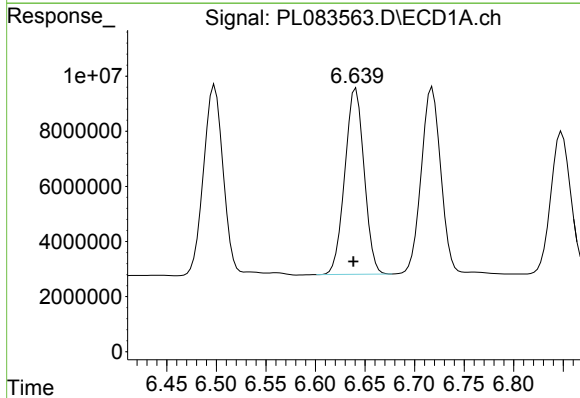
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



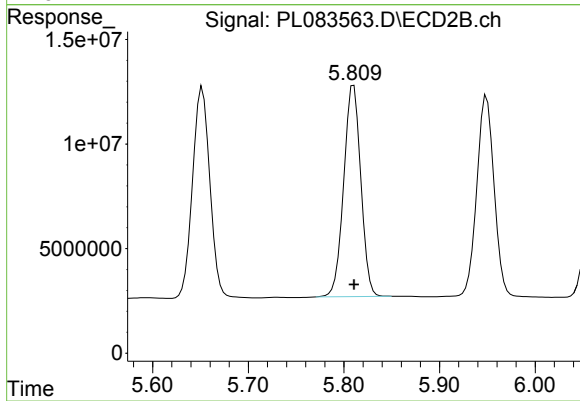
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 122327560
Conc: 51.53 ng/ml



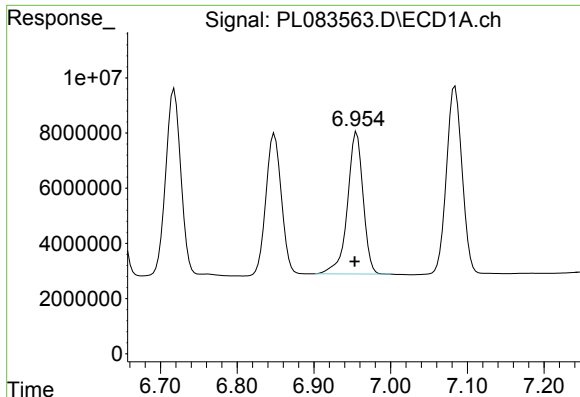
#16 4,4'-DDD

R.T.: 6.641 min
Delta R.T.: 0.003 min
Response: 91395121
Conc: 53.53 ng/ml



#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 125928100
Conc: 57.11 ng/ml



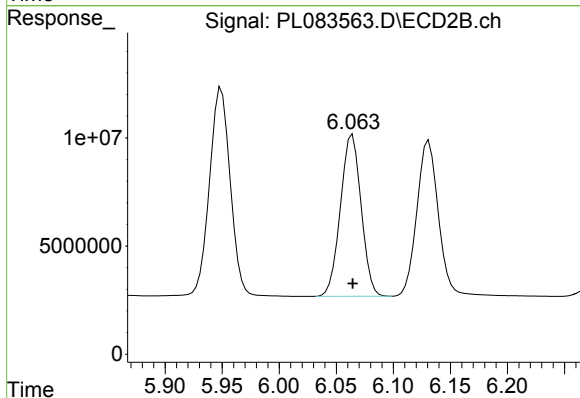
#17 4,4'-DDT

R.T.: 6.956 min
Delta R.T.: 0.002 min
Response: 73422419
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

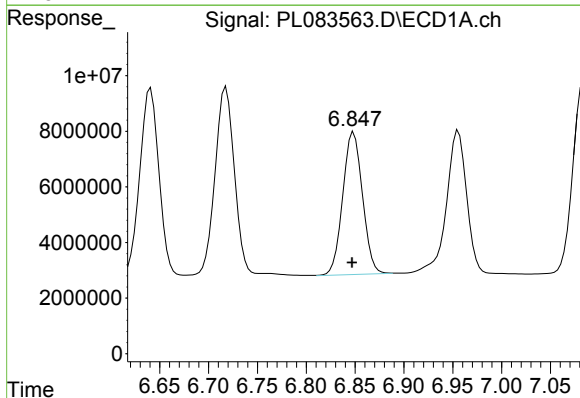
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



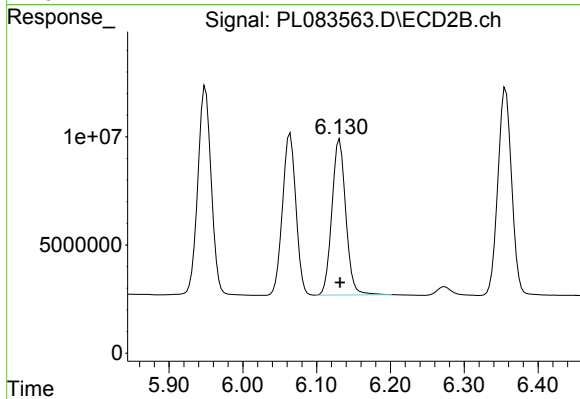
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 94396257
Conc: 45.21 ng/ml



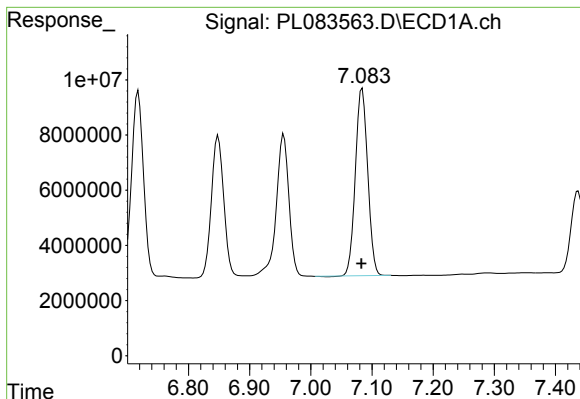
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 72078462
Conc: 48.62 ng/ml m



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 94285466
Conc: 49.89 ng/ml



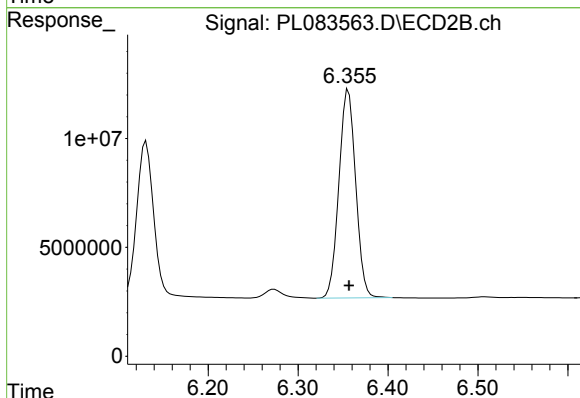
#19 Endosulfan Sulfate

R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 95320583
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

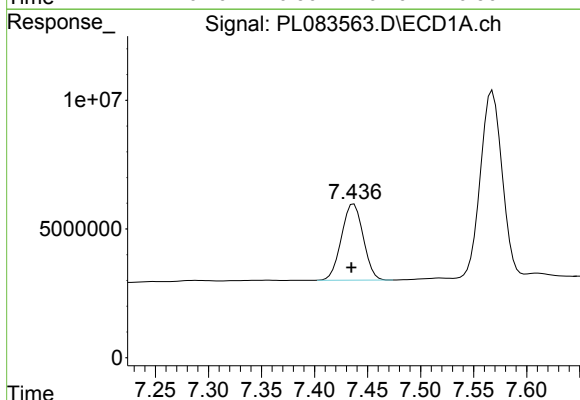
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



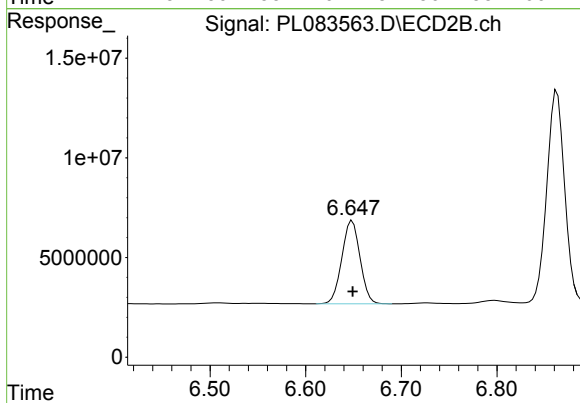
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 123980583
Conc: 51.20 ng/ml



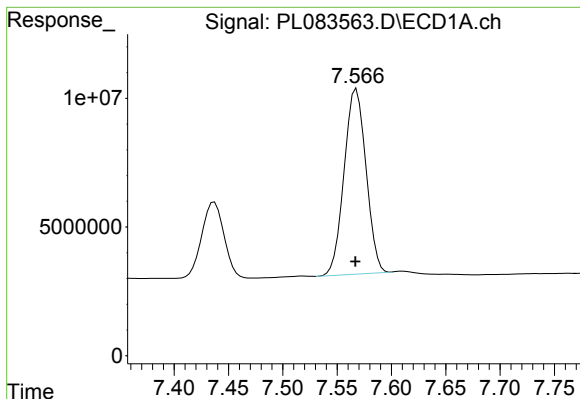
#20 Methoxychlor

R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 42299694
Conc: 46.63 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 55229335
Conc: 45.83 ng/ml



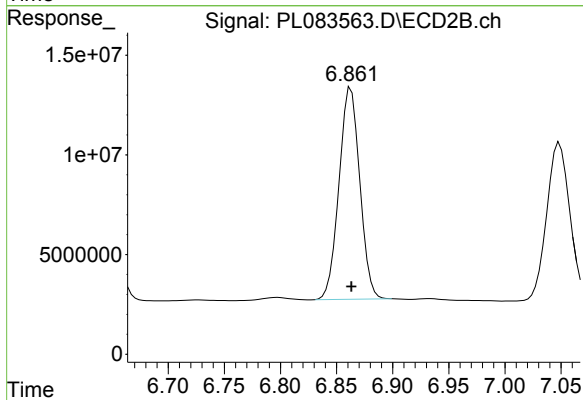
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 101030790
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

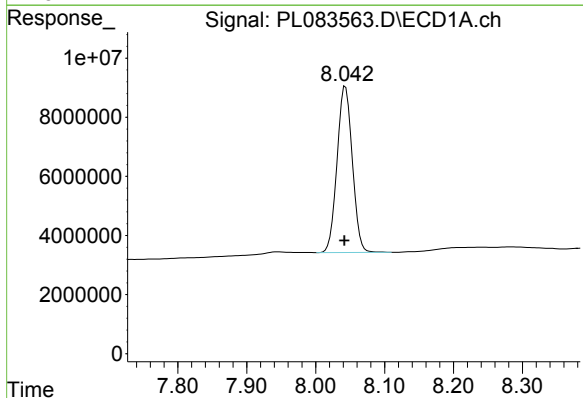
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



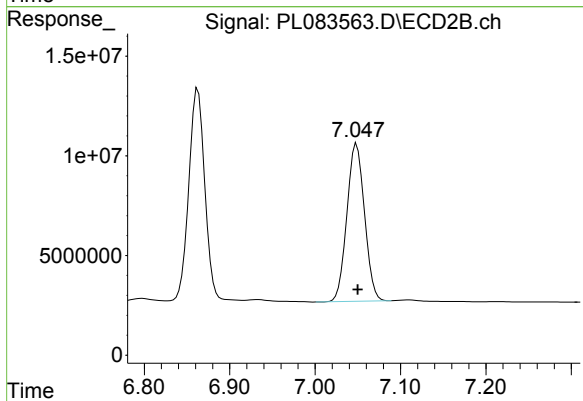
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 136757746
Conc: 48.64 ng/ml



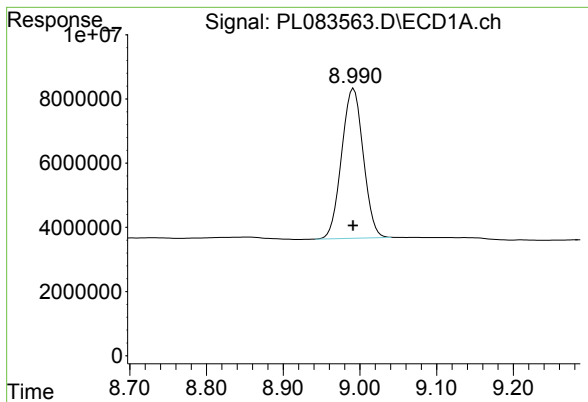
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.002 min
Response: 86611689
Conc: 46.40 ng/ml



#22 Mirex

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 113391156
Conc: 47.12 ng/ml



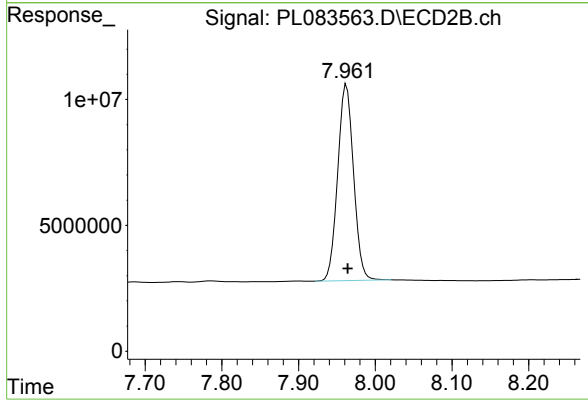
#28 Decachlorobiphenyl

R.T.: 8.992 min
Delta R.T.: 0.000 min
Response: 91872712
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



#28 Decachlorobiphenyl

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 112150404
Conc: 45.66 ng/ml