

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
 Data File : PL080454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2023 03:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 06:25:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 20 17:01:11 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...	3.351	2.689	107.7E6	109.3E6	50.204	49.768
28)	SA Decachlor...	8.789	7.838	84385503	114.9E6	48.199	48.247
Target Compounds							
2)	A alpha-BHC	3.799	3.190	163.3E6	162.4E6	51.556	51.071
3)	MA gamma-BHC...	4.128	3.519	152.4E6	152.2E6	51.826	50.958
4)	MA Heptachlor	4.712	3.860	150.4E6	158.6E6	50.893	49.836
5)	MB Aldrin	5.050	4.139	137.9E6	155.3E6	50.394	52.637
6)	B beta-BHC	4.324	3.815	67273072	66409435	49.283	49.759
7)	B delta-BHC	4.567	4.045	150.0E6	149.9E6	51.821	51.965
8)	B Heptachlo...	5.475	4.642	134.3E6	138.1E6	51.914	49.636
9)	A Endosulfan I	5.857	5.011	118.4E6	123.9E6	50.127	47.618
10)	B gamma-Chl...	5.728	4.893	127.7E6	139.0E6	50.571m	49.060
11)	B alpha-Chl...	5.809	4.957	126.3E6	140.2E6	50.041	48.933
12)	B 4,4'-DDE	5.987	5.150	111.9E6	119.0E6	50.246	50.437
13)	MA Dieldrin	6.131	5.276	119.8E6	136.9E6	50.066	50.620
14)	MA Endrin	6.358	5.551	116.5E6	117.7E6	53.860	50.687
15)	B Endosulfa...	6.577	5.844	98666088	110.3E6	43.042	52.937m
16)	A 4,4'-DDD	6.501	5.703	92427191	97240017	50.452	51.745
17)	MA 4,4'-DDT	6.814	5.955	100.3E6	105.3E6	48.264	50.085
18)	B Endrin al...	6.706	6.026	80728403	87565036	48.532	47.952
19)	B Endosulfa...	6.940	6.248	103.5E6	114.9E6	50.004	49.385
20)	A Methoxychlor	7.292	6.534	53756626	59205784	48.724	48.791
21)	B Endrin ke...	7.421	6.753	110.1E6	126.9E6	49.889	49.689
22)	Mirex	7.893	6.937	84909365	110.4E6	49.372	48.511

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2023 03:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

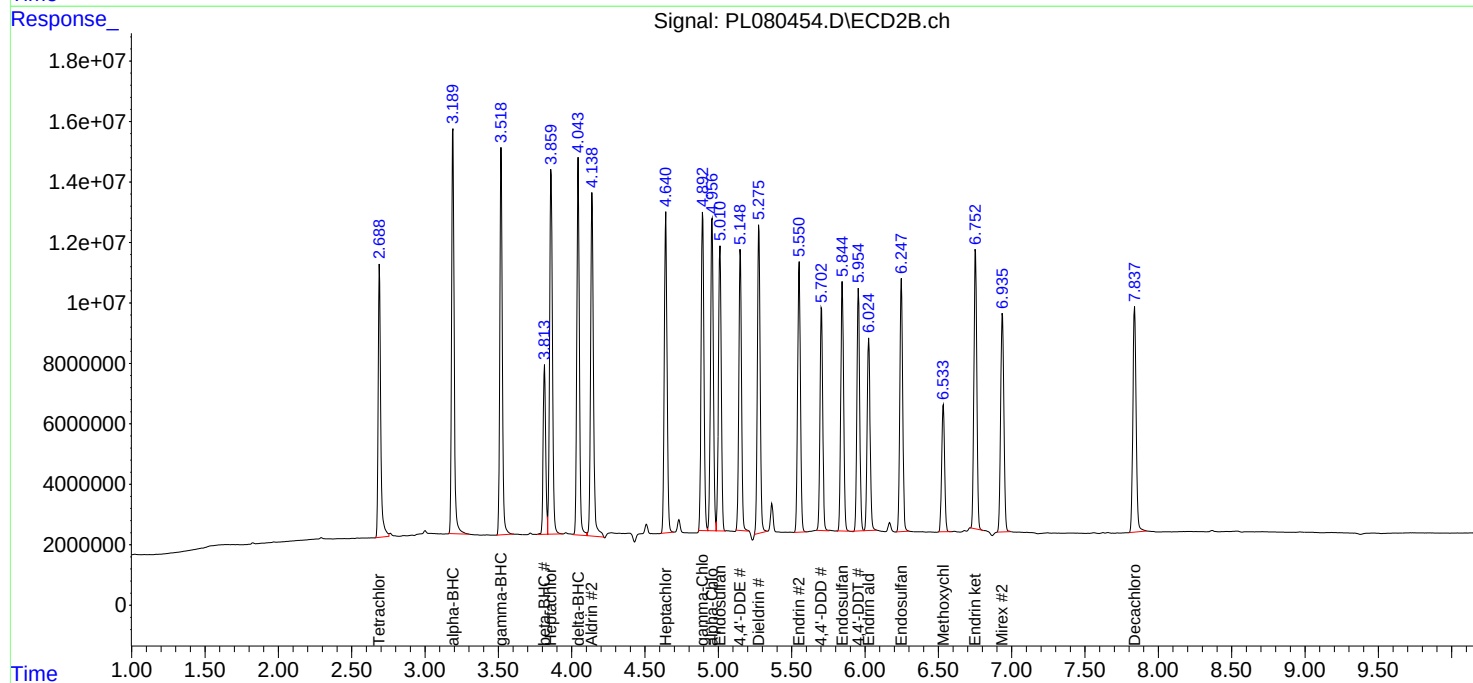
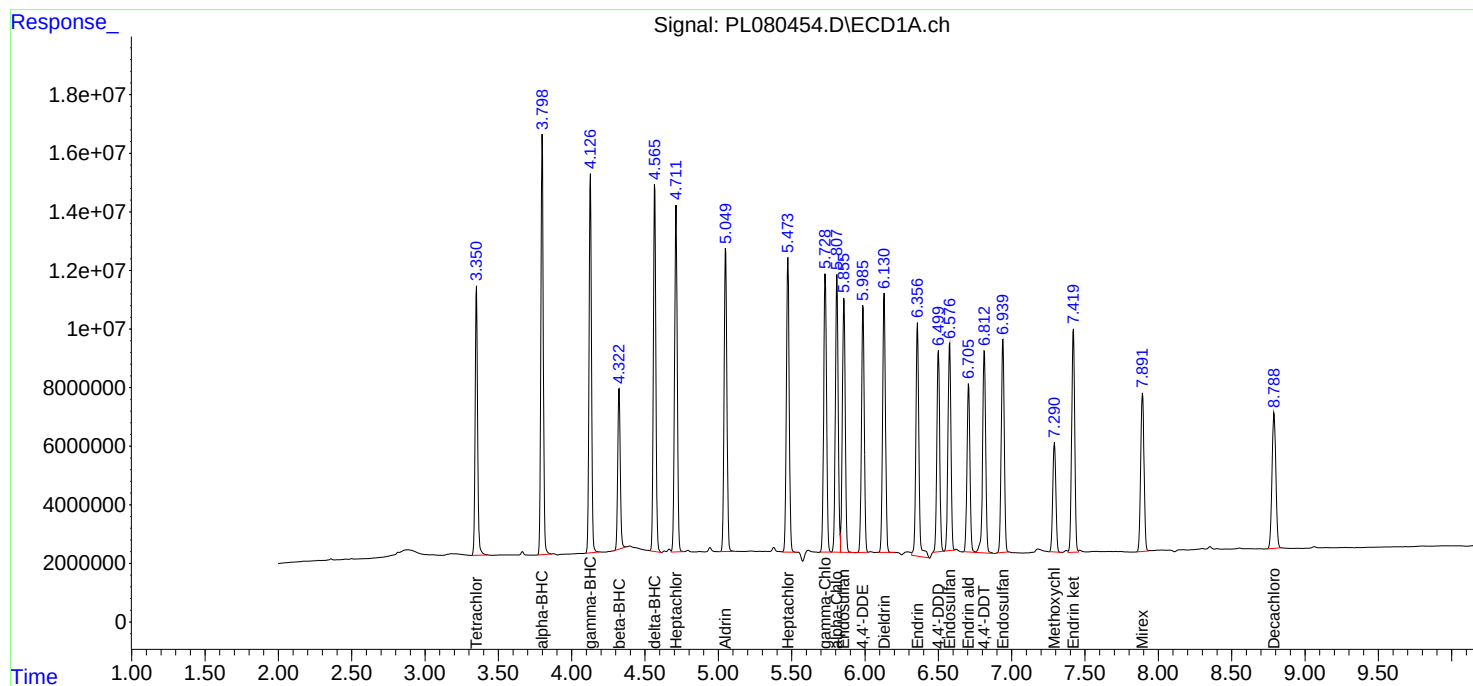
Manual Integrations

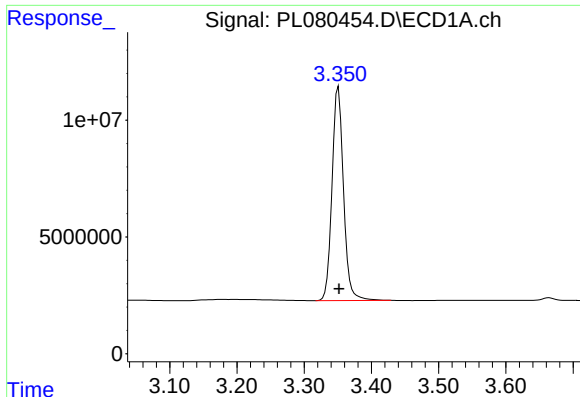
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 06:25:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 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





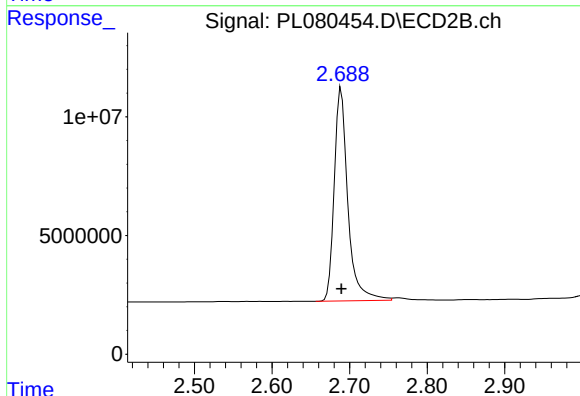
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 107679894
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

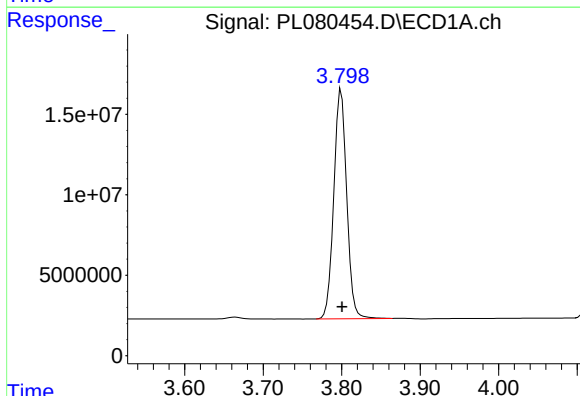
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



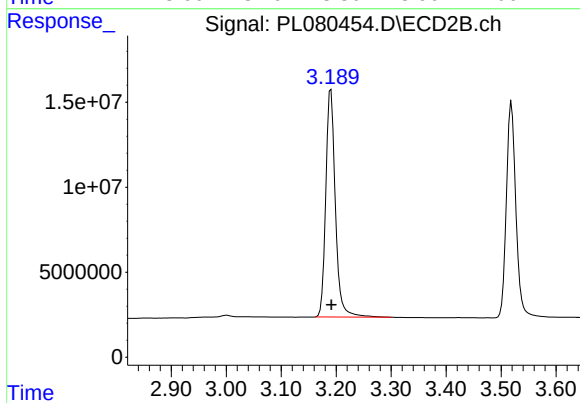
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 109313760
Conc: 49.77 ng/ml



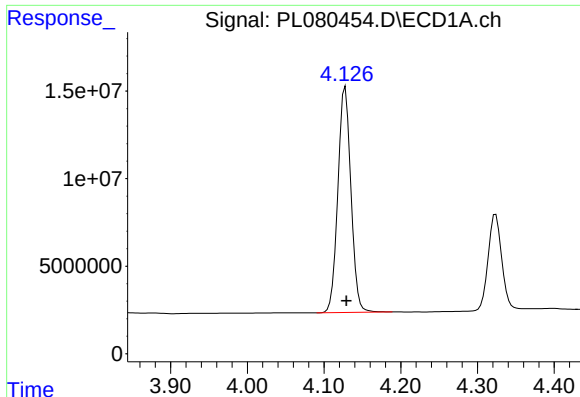
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 163332362
Conc: 51.56 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 162426176
Conc: 51.07 ng/ml



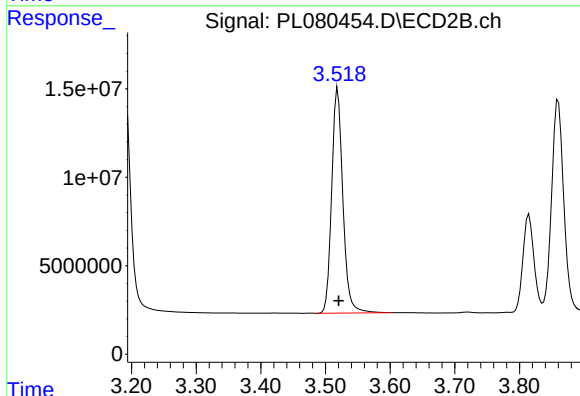
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 152355807
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

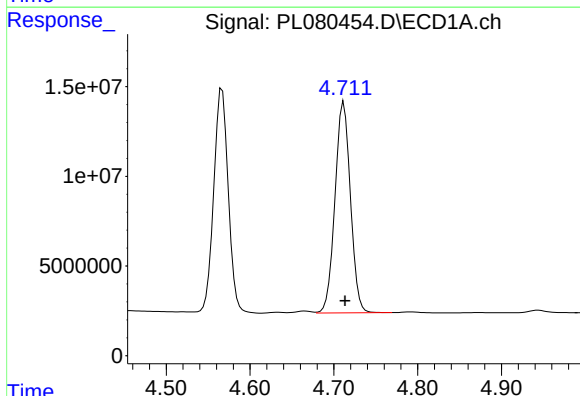
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



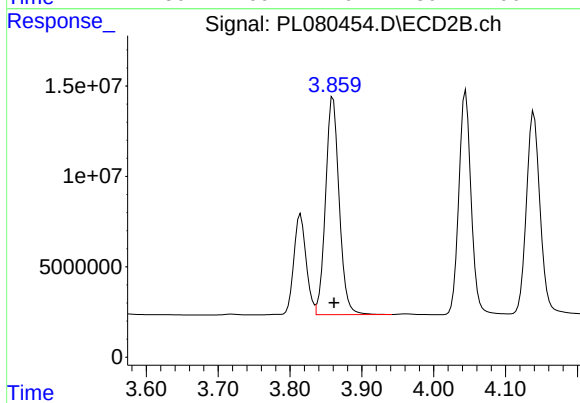
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.001 min
Response: 152228234
Conc: 50.96 ng/ml



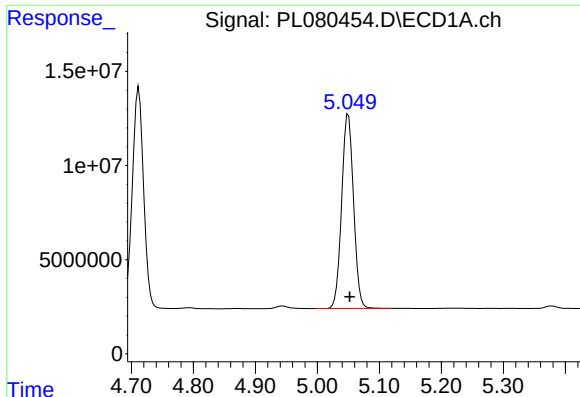
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 150399707
Conc: 50.89 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 158596918
Conc: 49.84 ng/ml



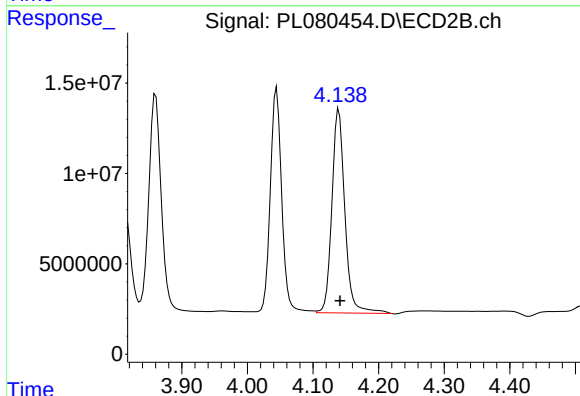
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 137867623
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

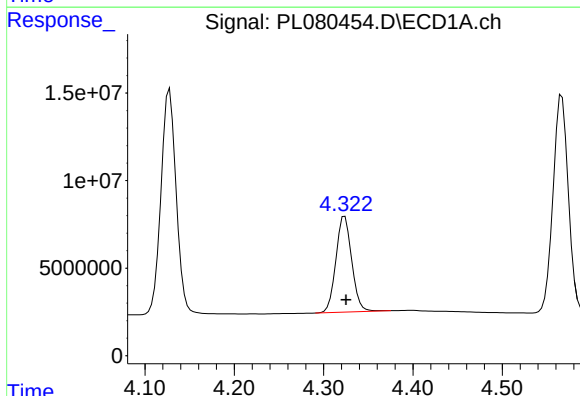
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



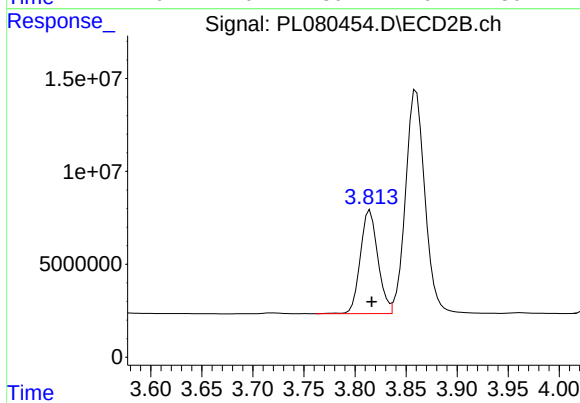
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 155257860
Conc: 52.64 ng/ml



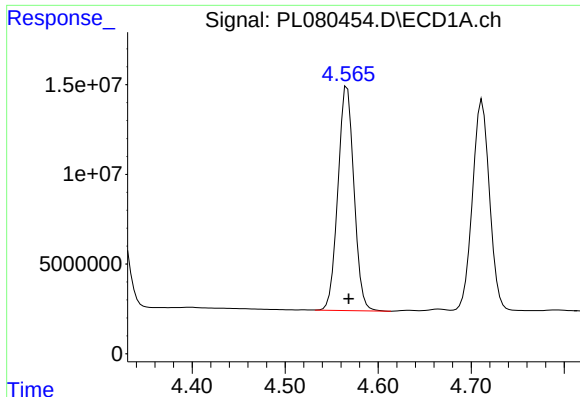
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 67273072
Conc: 49.28 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 66409435
Conc: 49.76 ng/ml



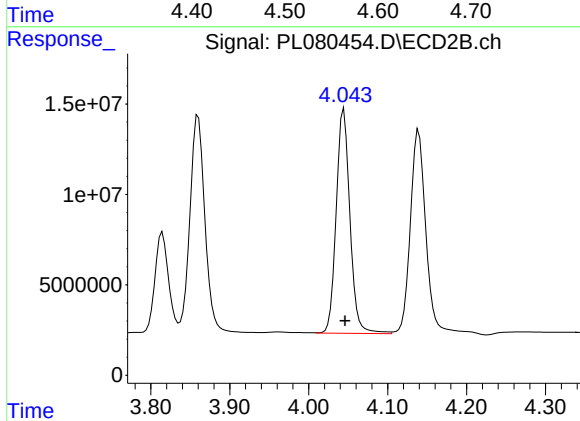
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 150022567
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

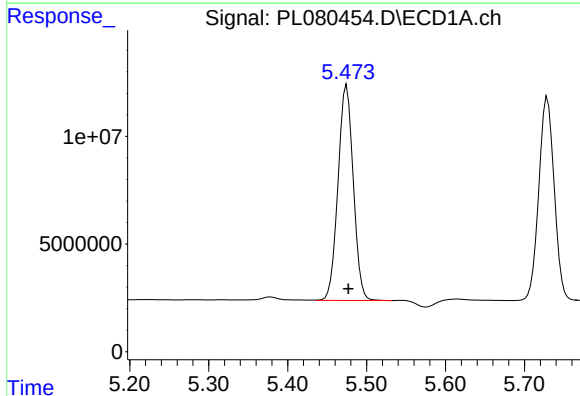
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



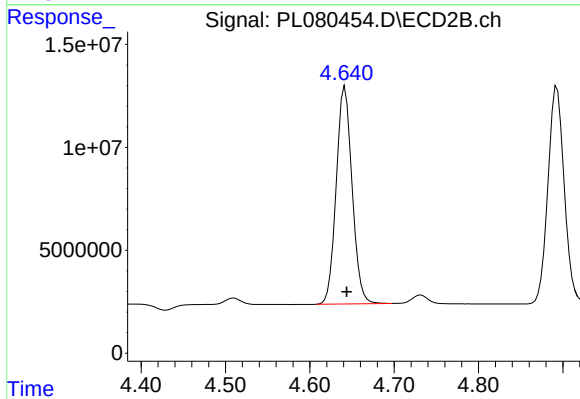
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 149891052
Conc: 51.97 ng/ml



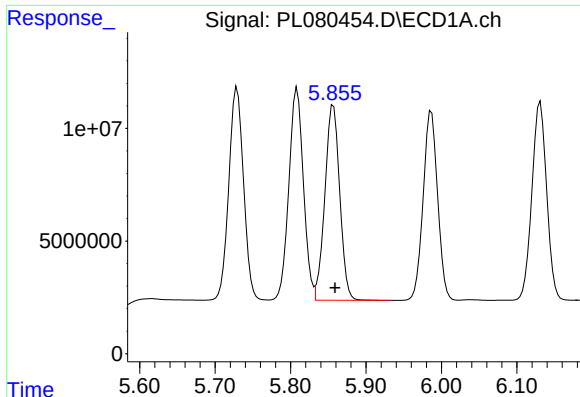
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 134303707
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 138103759
Conc: 49.64 ng/ml



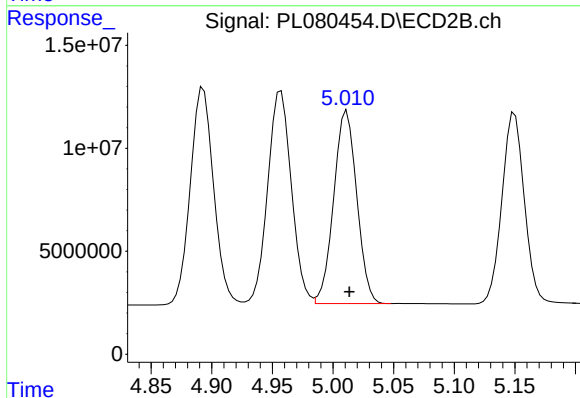
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 118373352
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

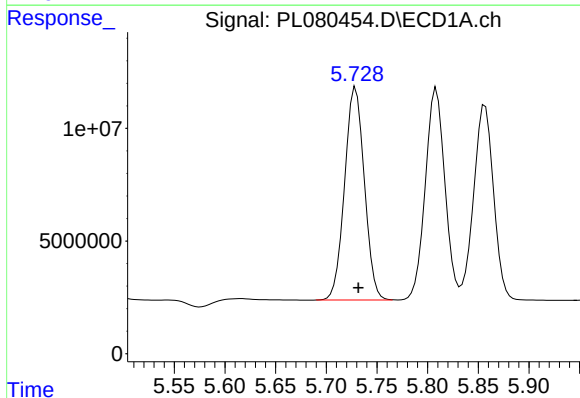
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



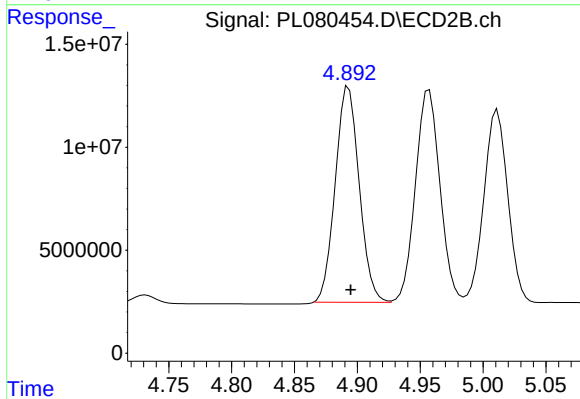
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 123871225
Conc: 47.62 ng/ml



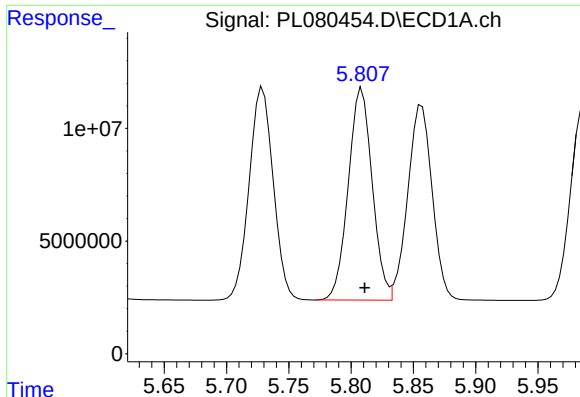
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 127727290
Conc: 50.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 139046689
Conc: 49.06 ng/ml



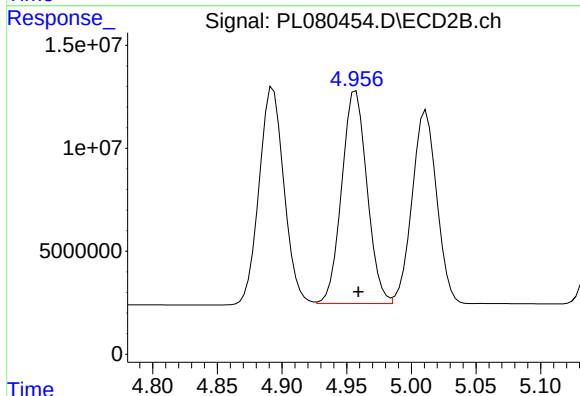
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 126317410
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

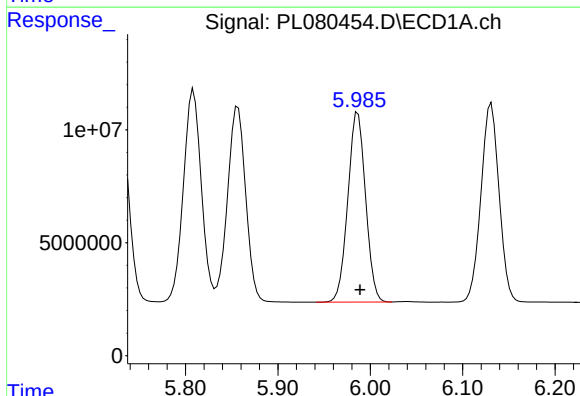
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



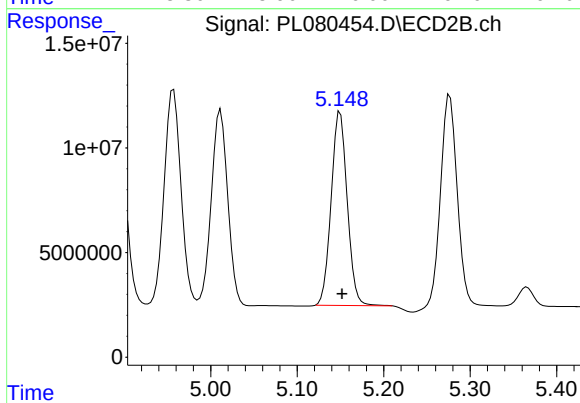
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 140176322
Conc: 48.93 ng/ml



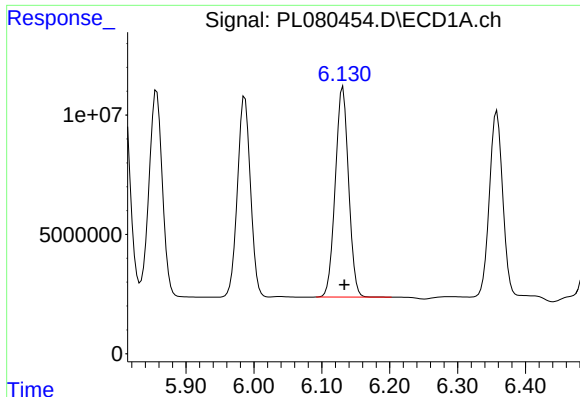
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 111914330
Conc: 50.25 ng/ml



#12 4,4'-DDE

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 118971562
Conc: 50.44 ng/ml



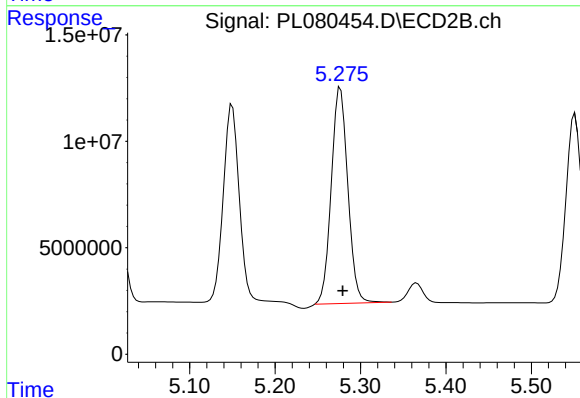
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 119825504
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

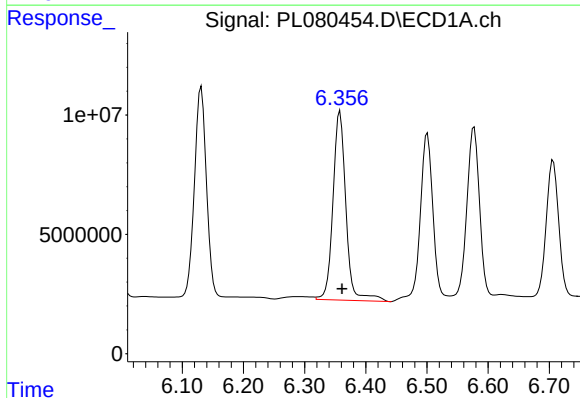
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



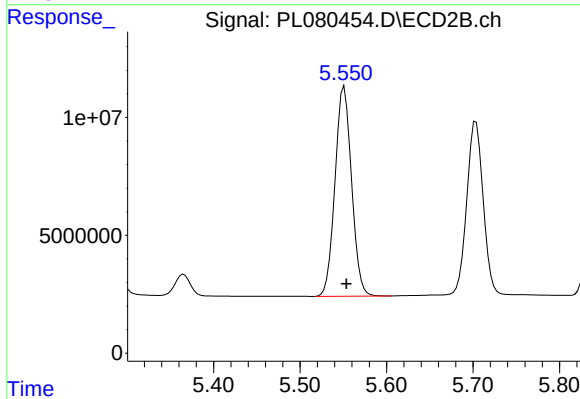
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.003 min
Response: 136926158
Conc: 50.62 ng/ml



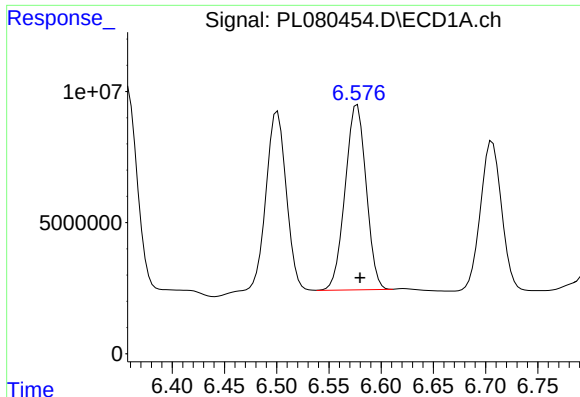
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 116482183
Conc: 53.86 ng/ml



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 117652278
Conc: 50.69 ng/ml



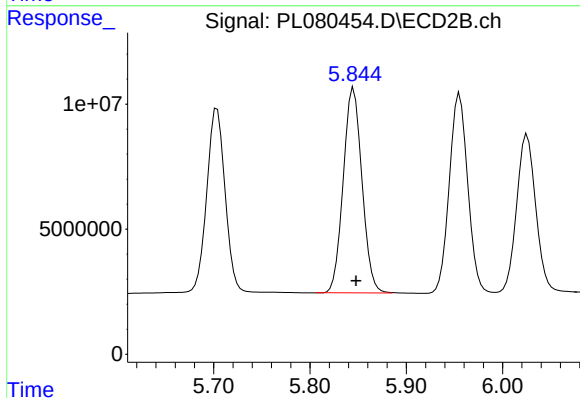
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 98666088
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

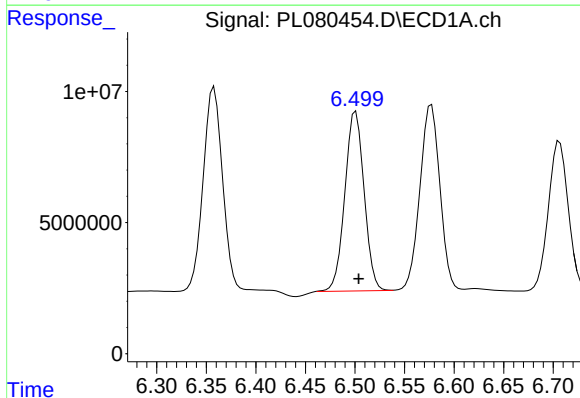
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



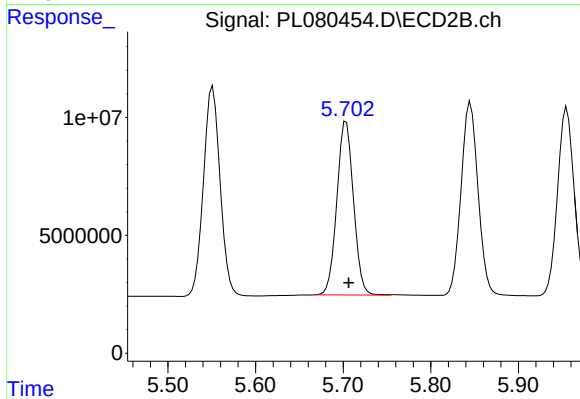
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 110305614
Conc: 52.94 ng/ml m



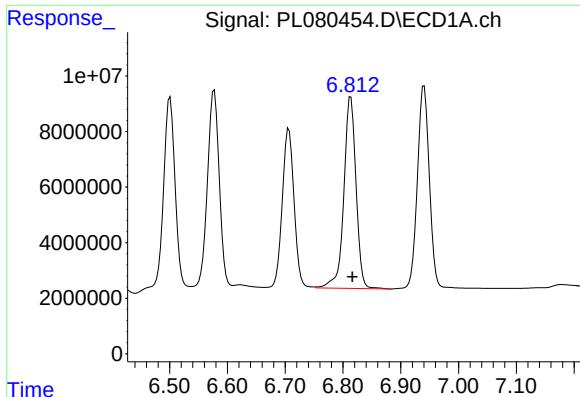
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 92427191
Conc: 50.45 ng/ml



#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 97240017
Conc: 51.75 ng/ml



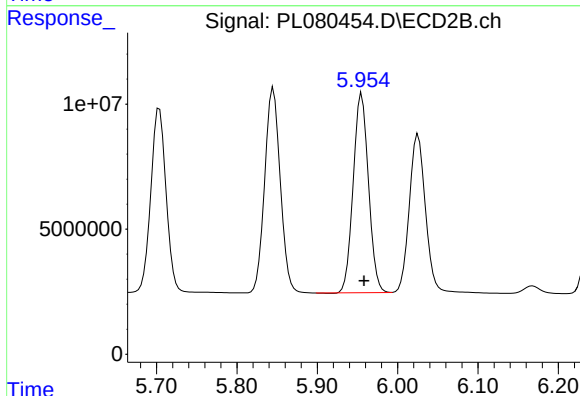
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 100275851
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

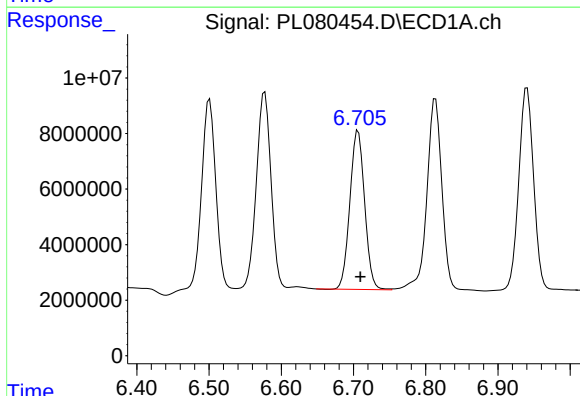
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



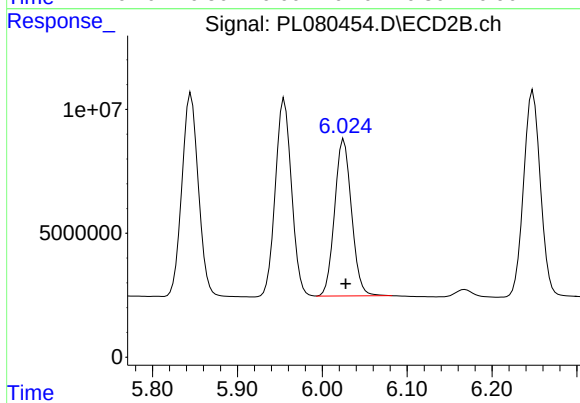
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 105253117
Conc: 50.09 ng/ml



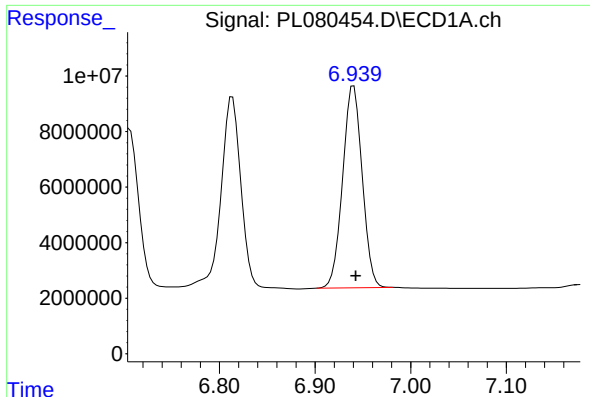
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 80728403
Conc: 48.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 87565036
Conc: 47.95 ng/ml



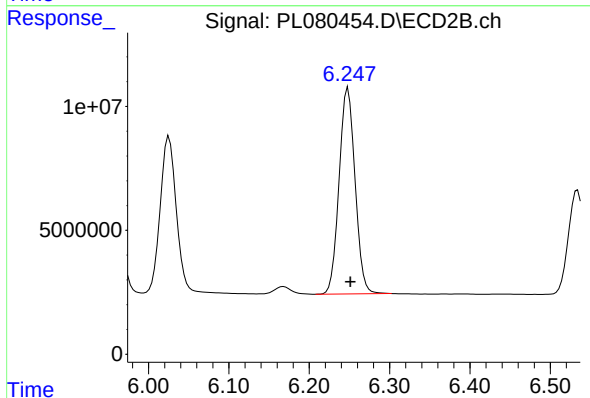
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 103503934
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

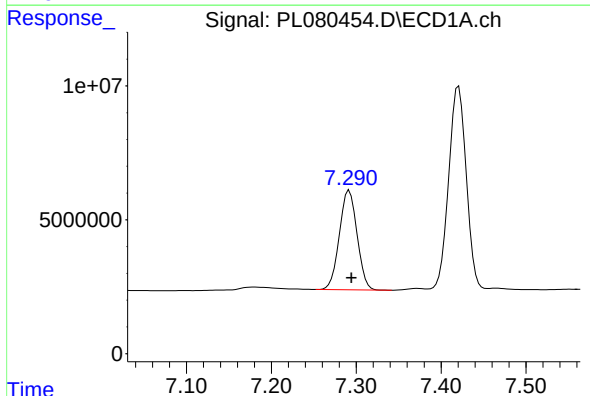
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



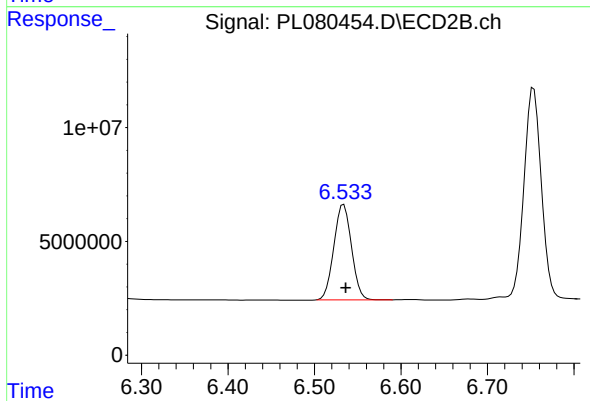
#19 Endosulfan Sulfate

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 114853770
Conc: 49.39 ng/ml



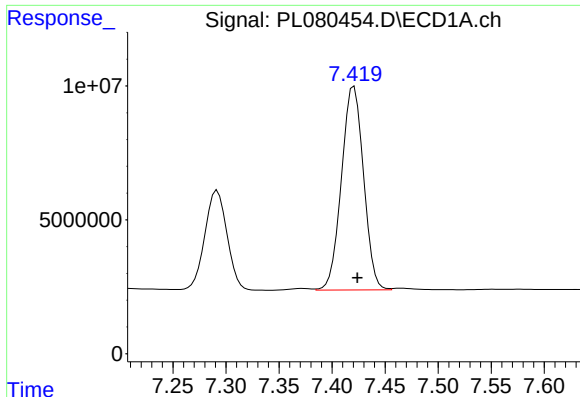
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 53756626
Conc: 48.72 ng/ml



#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 59205784
Conc: 48.79 ng/ml



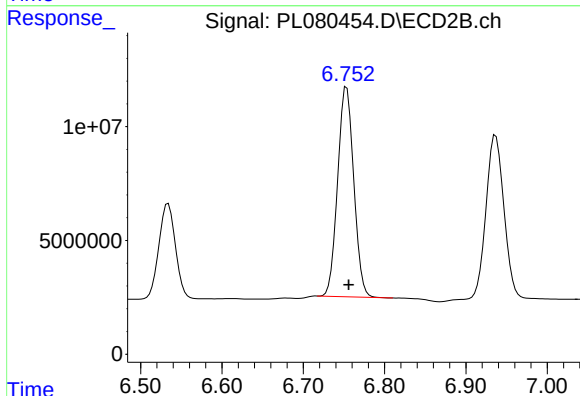
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 110071249
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

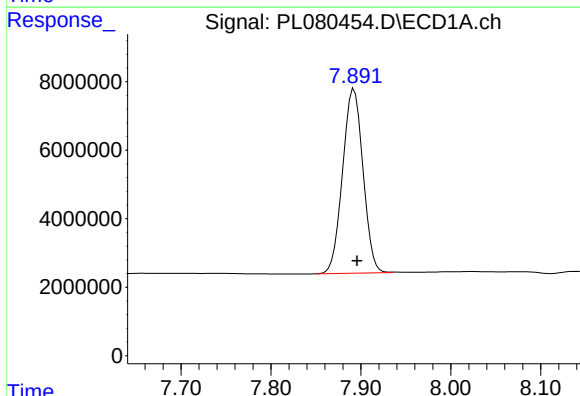
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



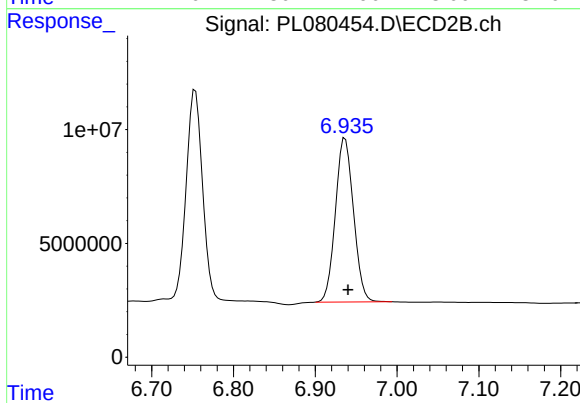
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 126867572
Conc: 49.69 ng/ml



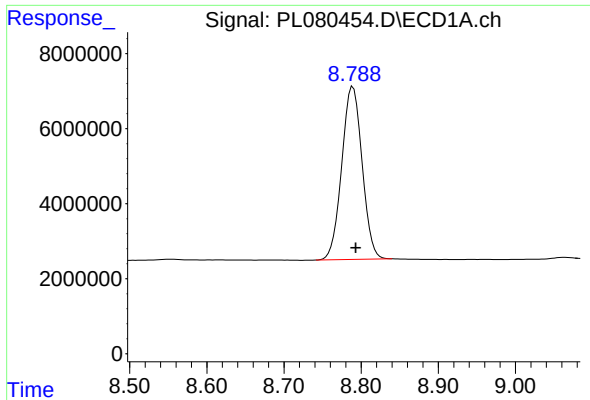
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 84909365
Conc: 49.37 ng/ml



#22 Mirex

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 110447195
Conc: 48.51 ng/ml



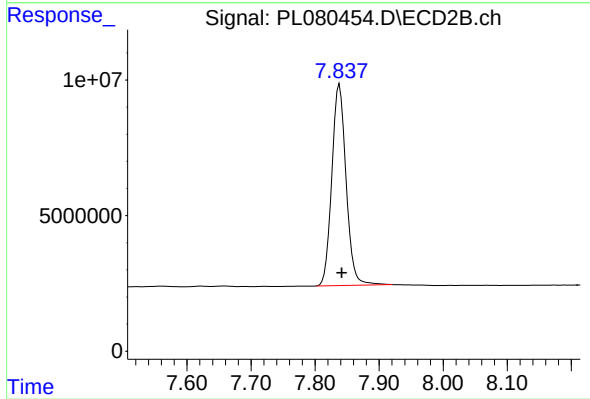
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 84385503
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: -0.004 min
Response: 114949850
Conc: 48.25 ng/ml