

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 19:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 10:21:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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	122.0E6	127.3E6	56.877	57.945
28)	SA Decachlor...	8.791	7.836	87396327	108.5E6	49.919	45.544
Target Compounds							
2)	A alpha-BHC	3.799	3.189	187.3E6	187.0E6	59.125	58.788
3)	MA gamma-BHC...	4.128	3.518	171.8E6	174.4E6	58.423	58.385
4)	MA Heptachlor	4.712	3.858	163.3E6	172.9E6	55.251	54.343
5)	MB Aldrin	5.050	4.138	151.5E6	164.1E6	55.383	55.622
6)	B beta-BHC	4.324	3.814	74697903	75858029	54.723	56.838
7)	B delta-BHC	4.567	4.043	168.1E6	170.0E6	58.071	58.923
8)	B Heptachlo...	5.475	4.640	134.2E6	152.1E6	51.859	54.665
9)	A Endosulfan I	5.856	5.009	125.4E6	138.5E6	53.087	53.235
10)	B gamma-Chl...	5.729	4.891	136.3E6	148.7E6	53.952	52.463
11)	B alpha-Chl...	5.809	4.955	134.4E6	149.4E6	53.251	52.154
12)	B 4,4'-DDE	5.987	5.148	119.5E6	130.4E6	53.663	55.288
13)	MA Dieldrin	6.132	5.275	126.3E6	142.9E6	52.760	52.820
14)	MA Endrin	6.358	5.549	109.5E6	122.5E6	50.621	52.755
15)	B Endosulfa...	6.577	5.844	101.7E6	115.3E6	44.363	55.343
16)	A 4,4'-DDD	6.501	5.702	104.9E6	119.1E6	57.278	63.380
17)	MA 4,4'-DDT	6.814	5.953	83989127	90226958	40.425	42.935
18)	B Endrin al...	6.707	6.023	79543087	88741473	47.819	48.596
19)	B Endosulfa...	6.941	6.246	107.7E6	118.5E6	52.030	50.938
20)	A Methoxychlor	7.292	6.531	47301771	53105675	42.873	43.764
21)	B Endrin ke...	7.421	6.751	113.8E6	128.9E6	51.579	50.472
22)	Mirex	7.893	6.935	83319617	106.1E6	48.448	46.595

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
Data File : PL080716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 19:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

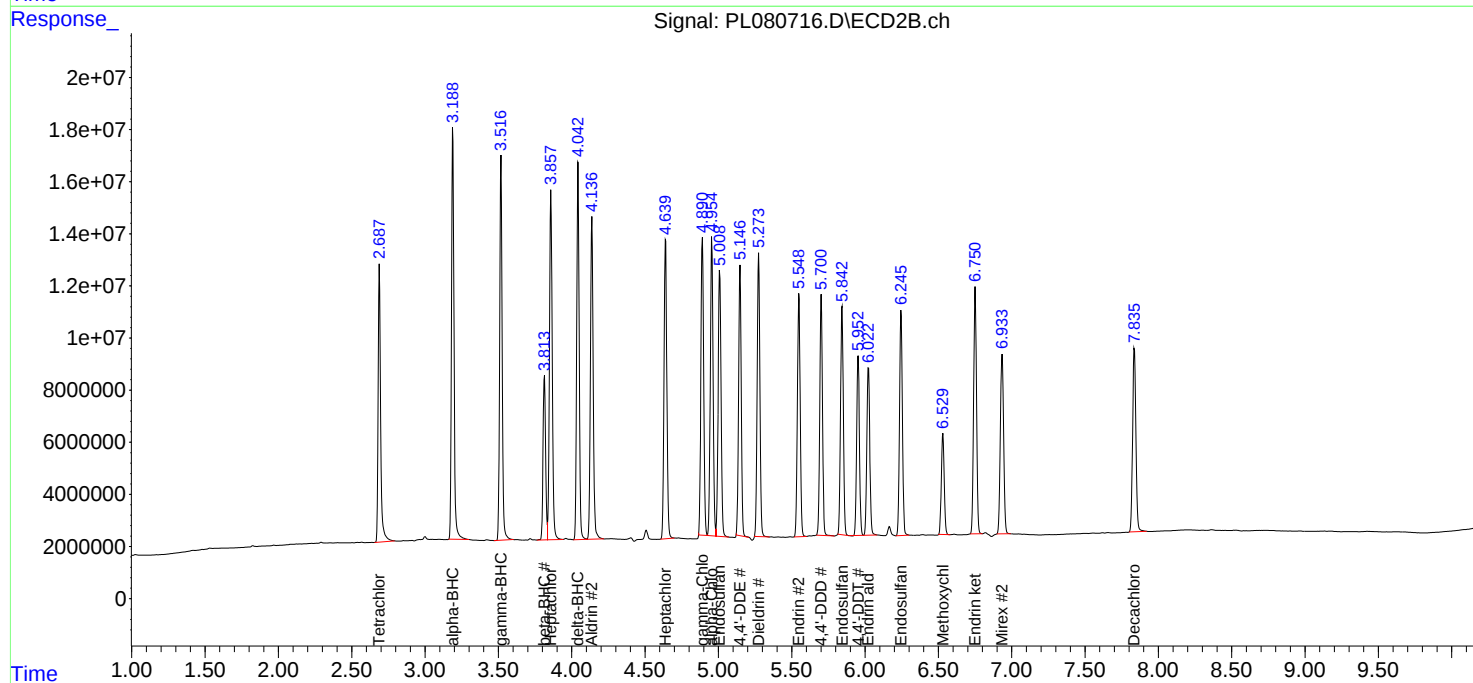
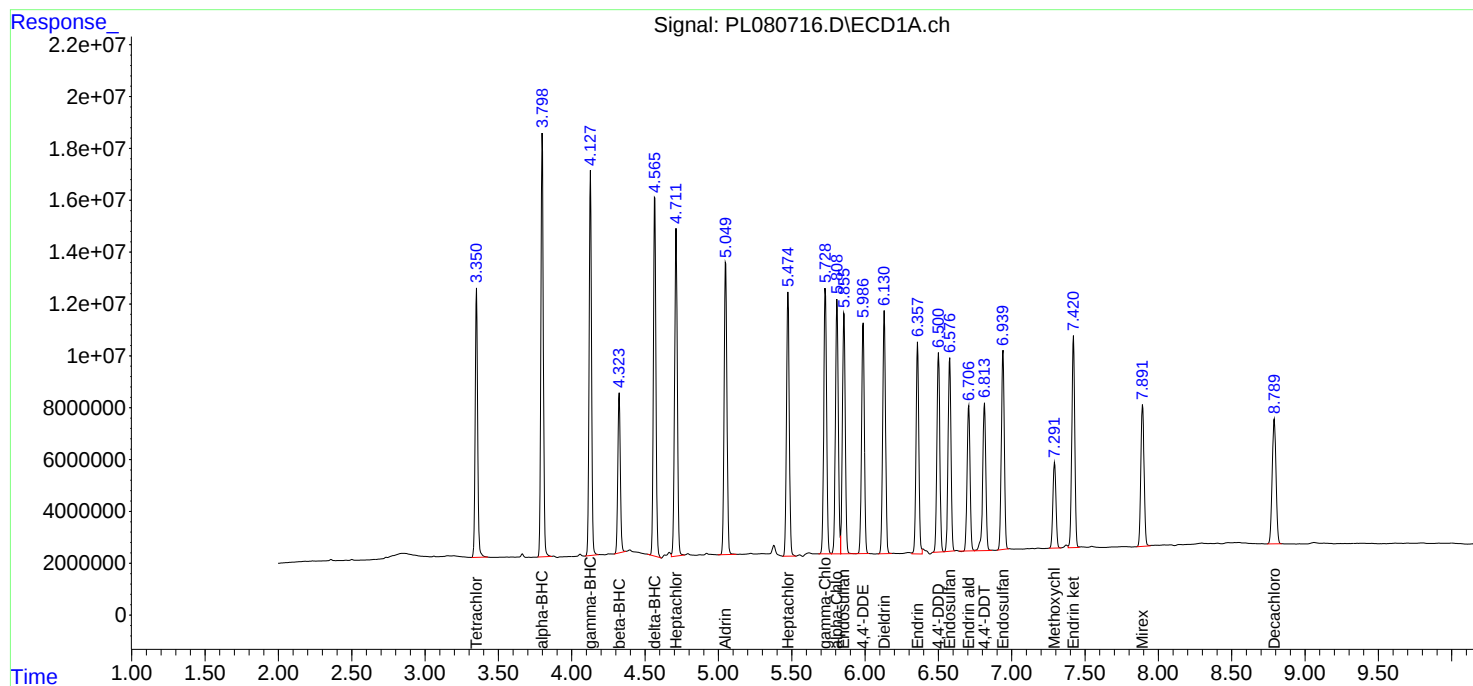
Manual Integrations

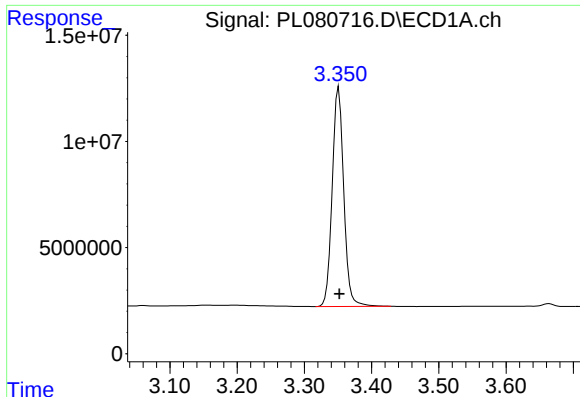
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 10:21:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





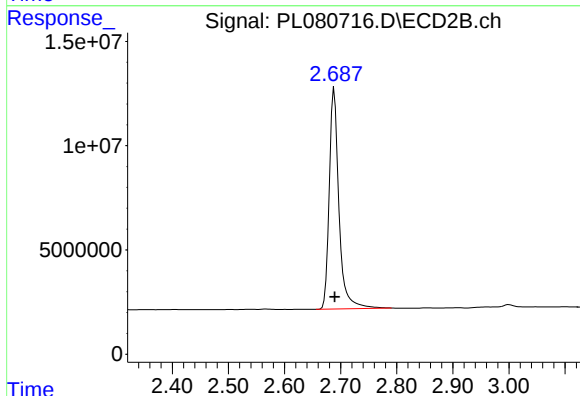
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 121992669
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

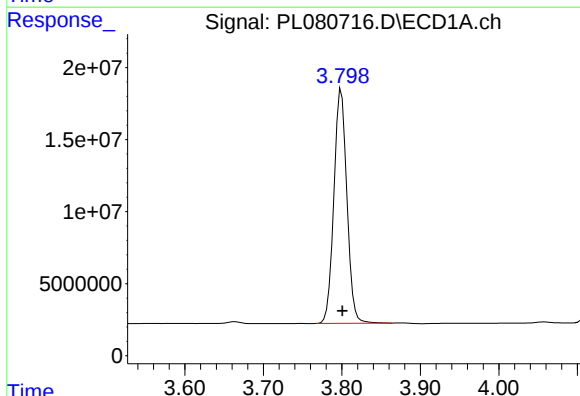
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



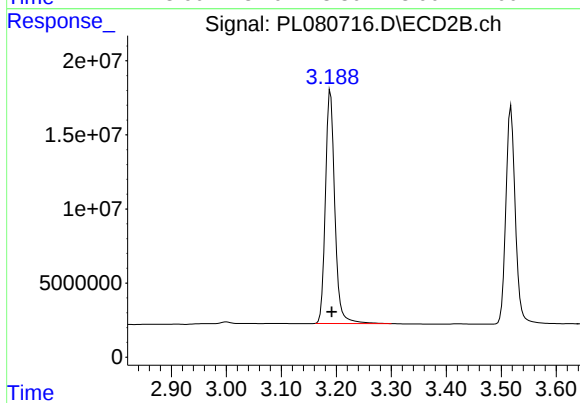
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 127273588
Conc: 57.95 ng/ml



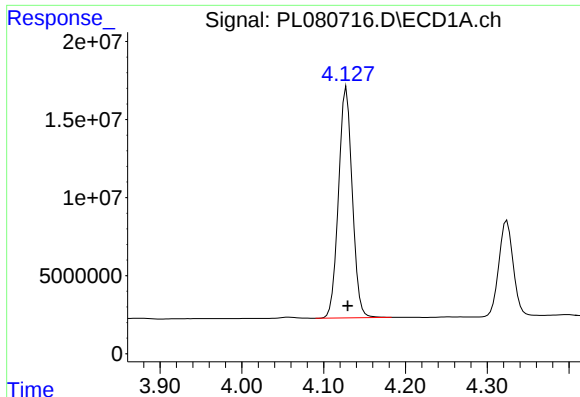
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 187308645
Conc: 59.12 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 186970266
Conc: 58.79 ng/ml



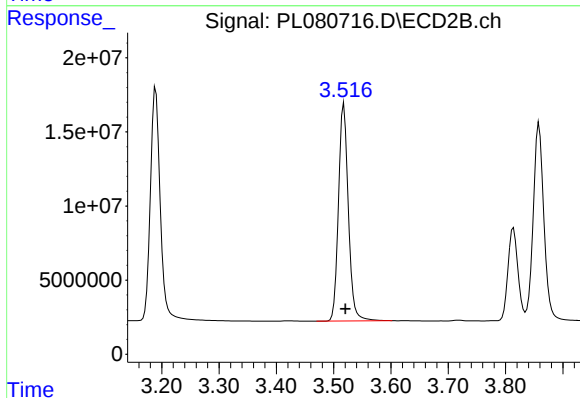
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 171750734
Conc: 58.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

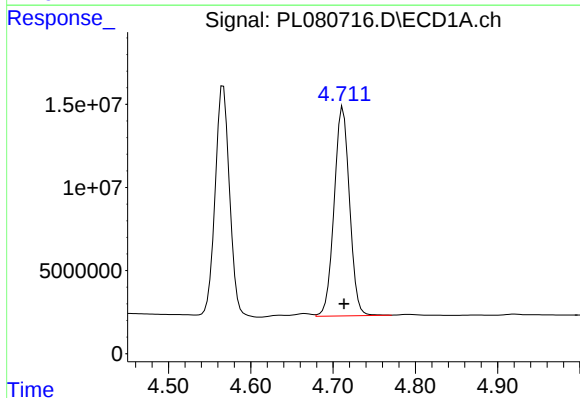
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



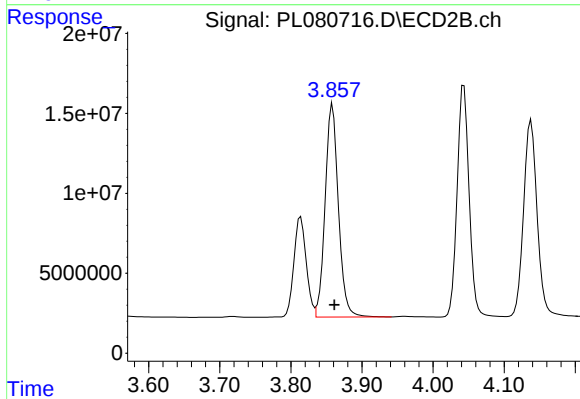
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 174414124
Conc: 58.39 ng/ml



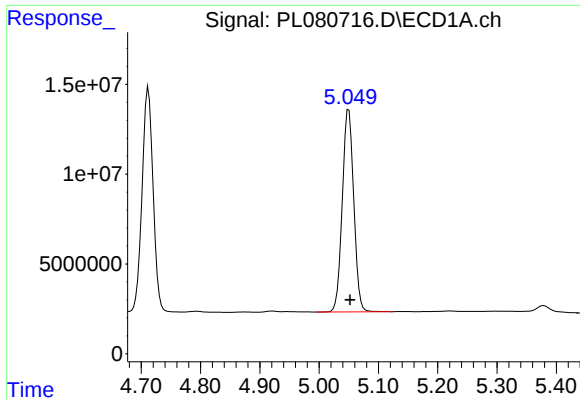
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 163279701
Conc: 55.25 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 172938296
Conc: 54.34 ng/ml



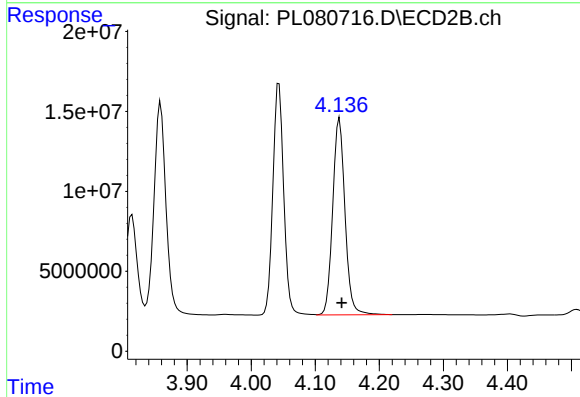
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 151515284
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

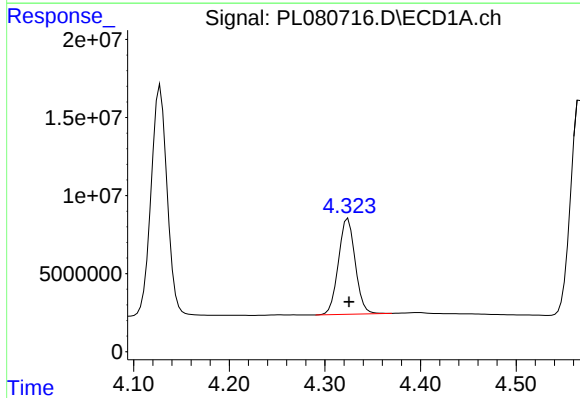
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



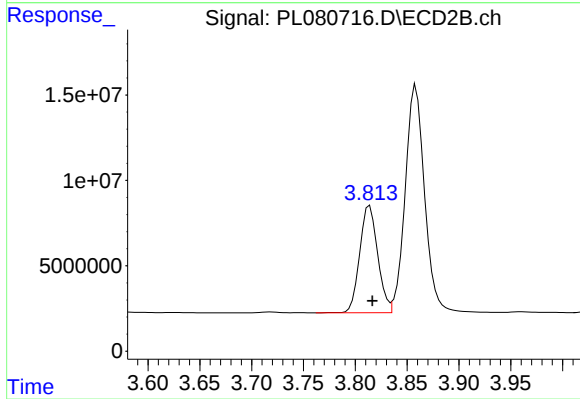
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 164062338
Conc: 55.62 ng/ml



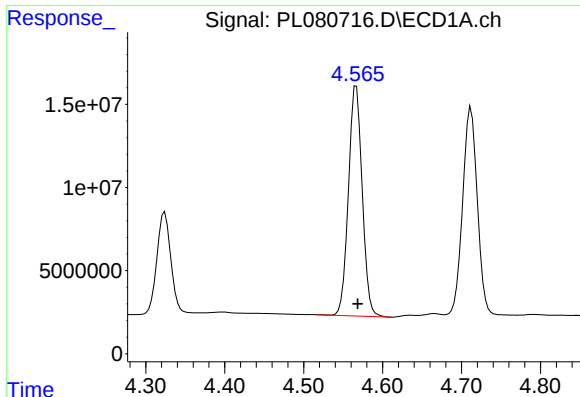
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 74697903
Conc: 54.72 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 75858029
Conc: 56.84 ng/ml



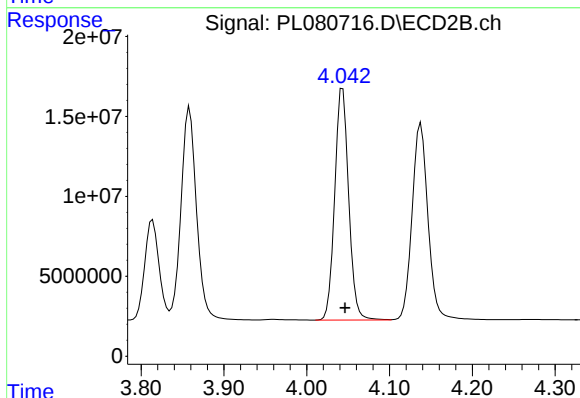
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 168116216
Conc: 58.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

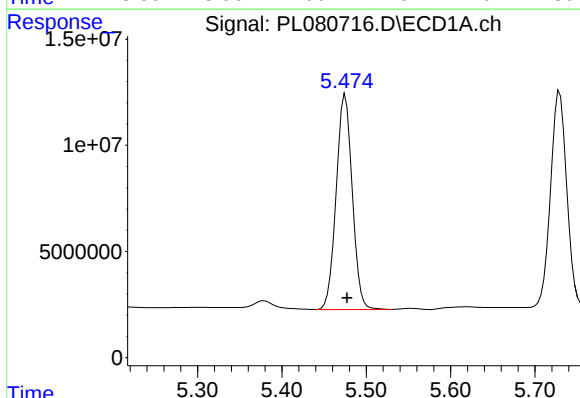
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



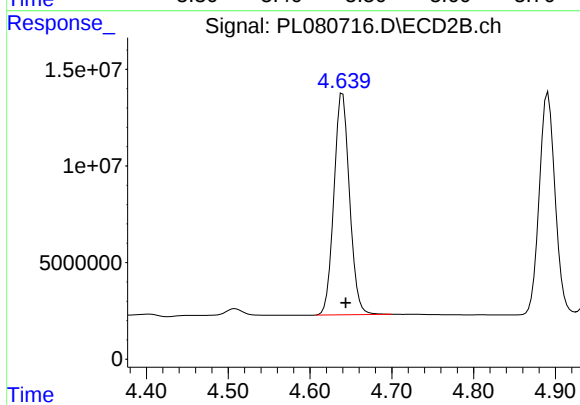
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 169960071
Conc: 58.92 ng/ml



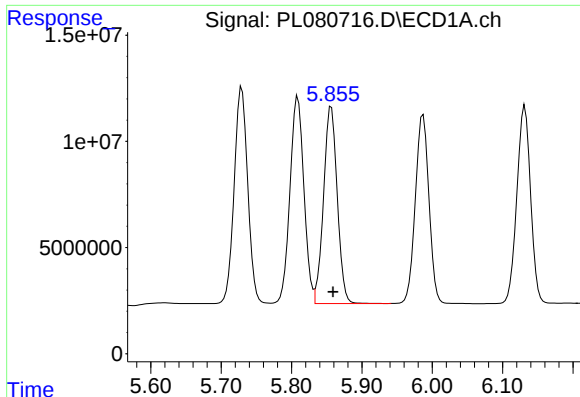
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 134163387
Conc: 51.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 152097299
Conc: 54.67 ng/ml



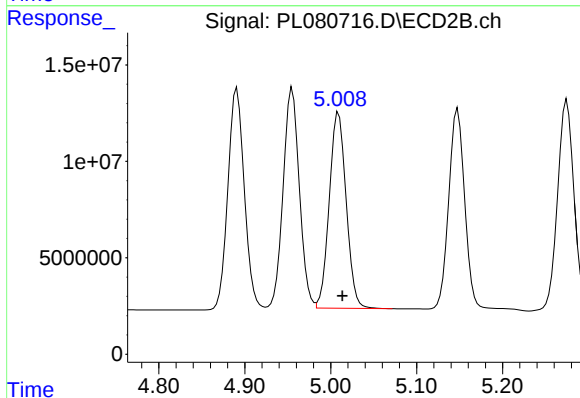
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 125363661
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

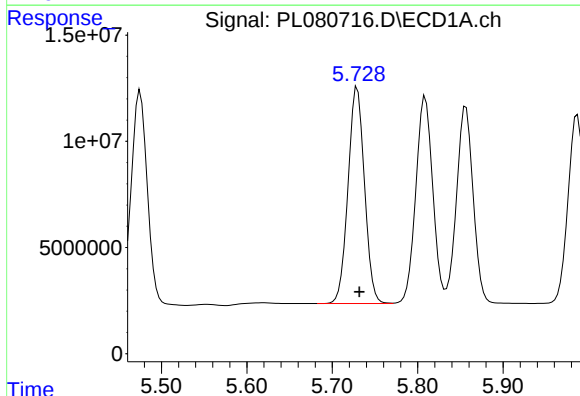
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



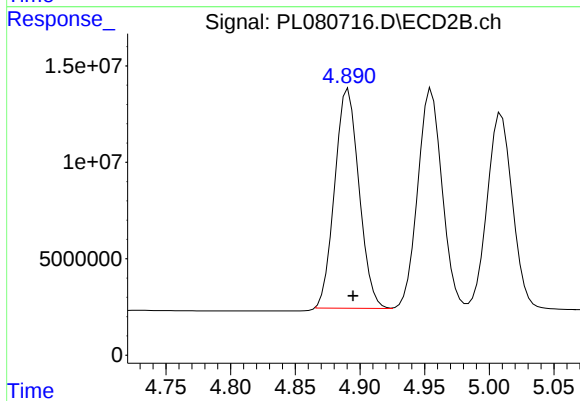
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 138481931
Conc: 53.23 ng/ml



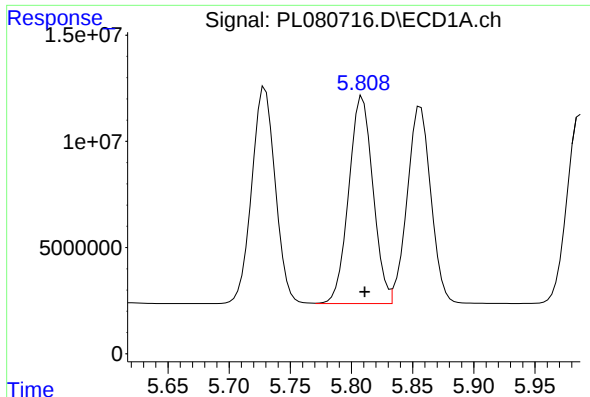
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 136268778
Conc: 53.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 148692988
Conc: 52.46 ng/ml



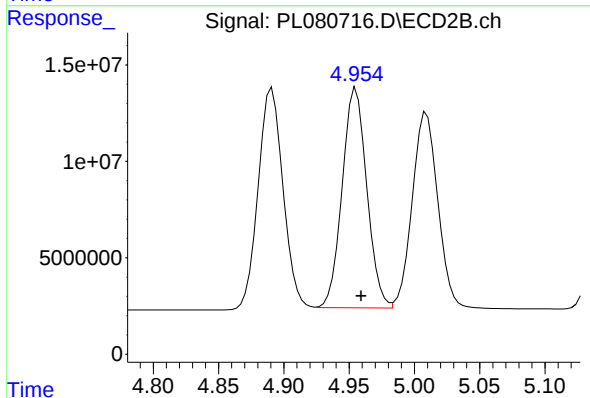
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 134419065
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

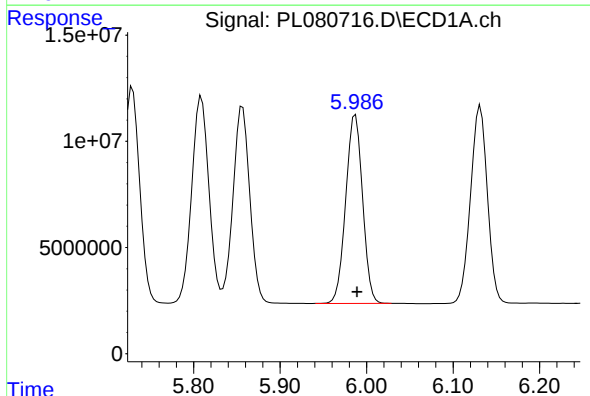
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



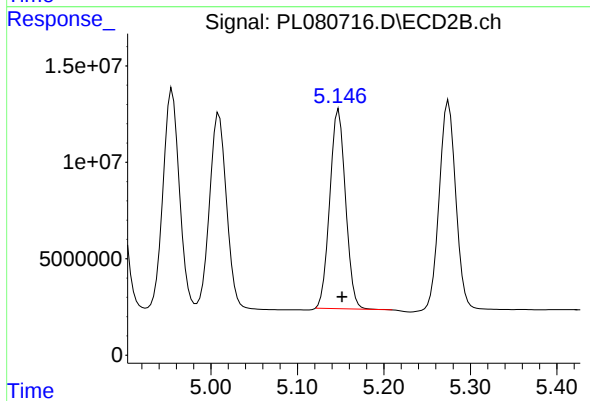
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 149404110
Conc: 52.15 ng/ml



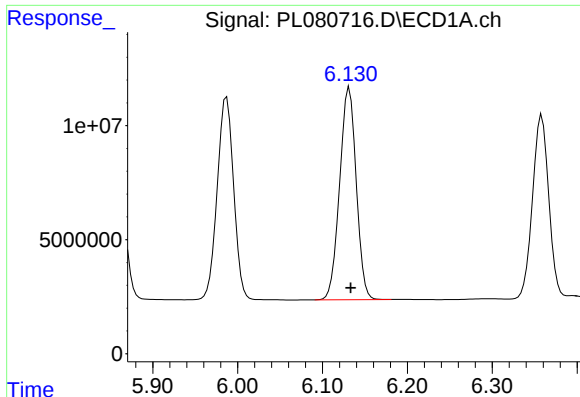
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 119525576
Conc: 53.66 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 130415944
Conc: 55.29 ng/ml



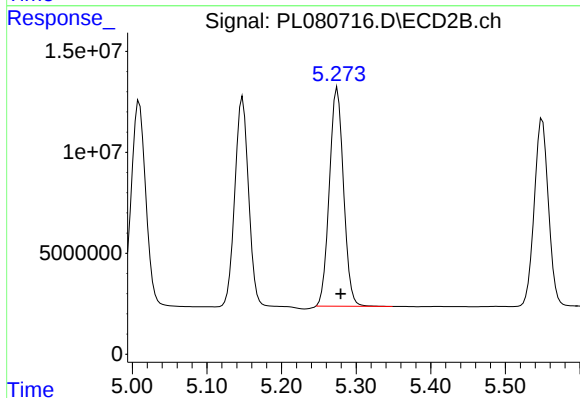
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 126272897
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

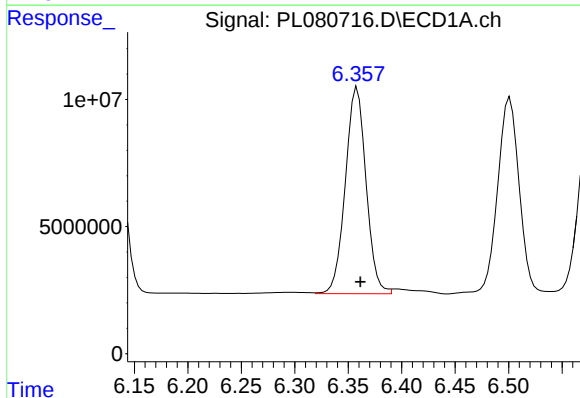
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



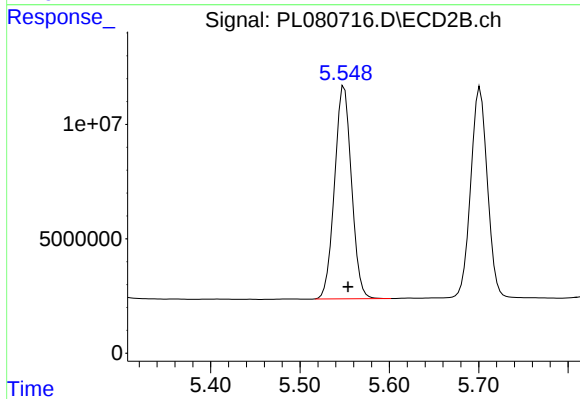
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 142875944
Conc: 52.82 ng/ml



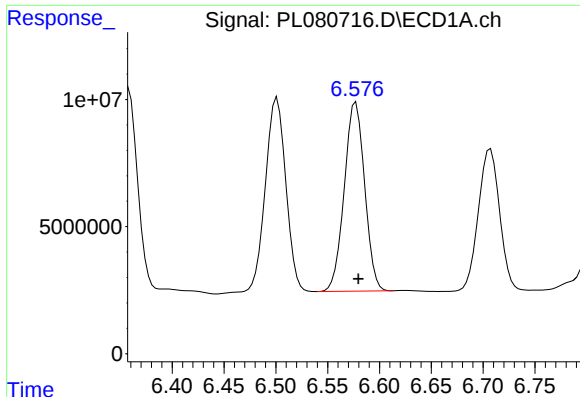
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 109478129
Conc: 50.62 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 122452617
Conc: 52.75 ng/ml



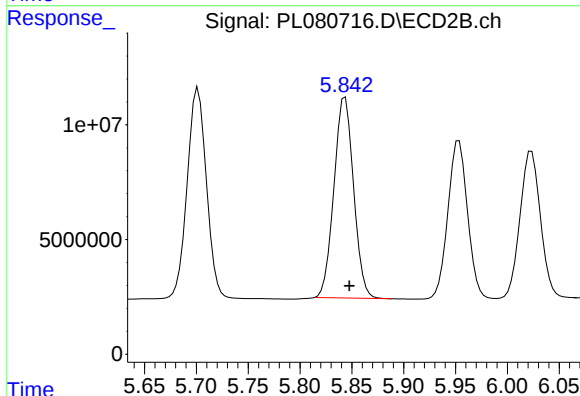
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 101695401
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

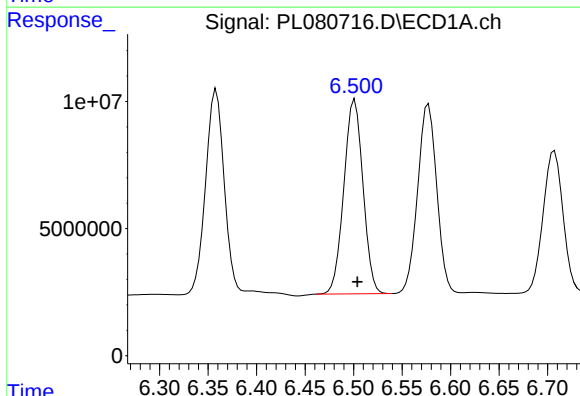
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



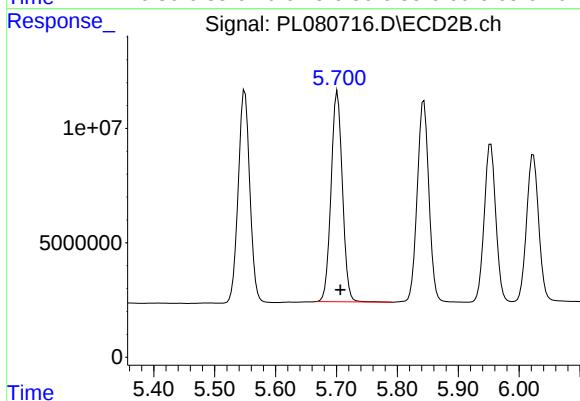
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 115319526
Conc: 55.34 ng/ml



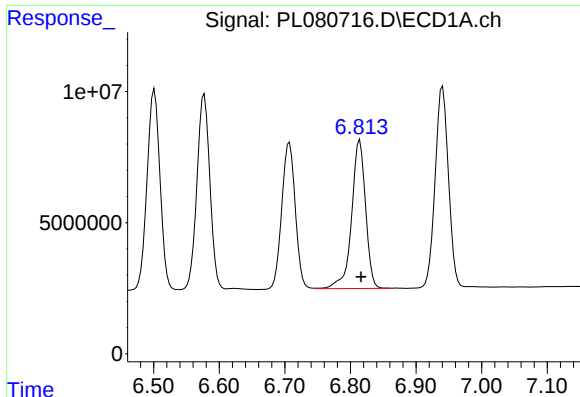
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 104932833
Conc: 57.28 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 119103209
Conc: 63.38 ng/ml



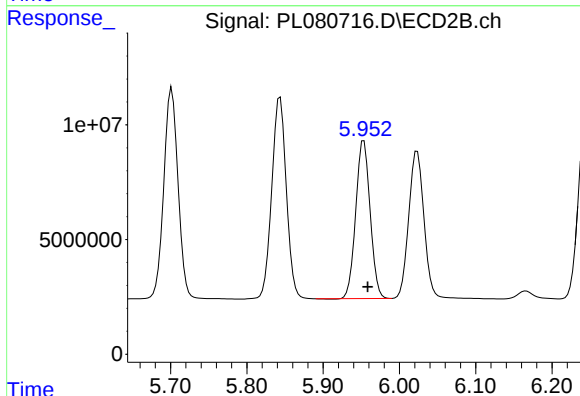
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 83989127
Conc: 40.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

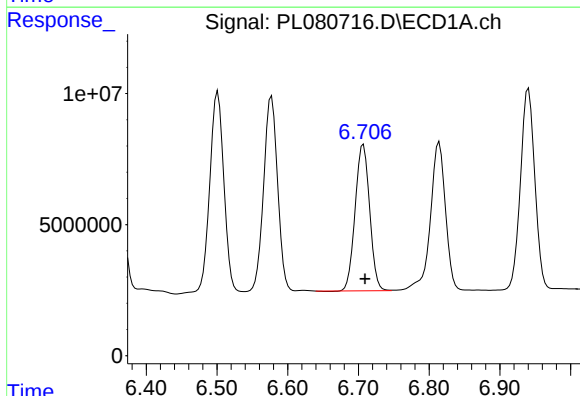
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



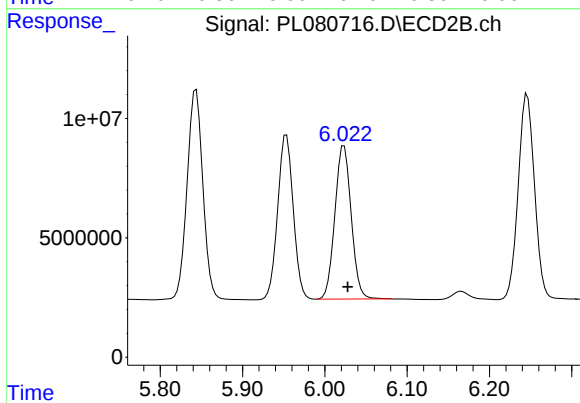
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 90226958
Conc: 42.93 ng/ml



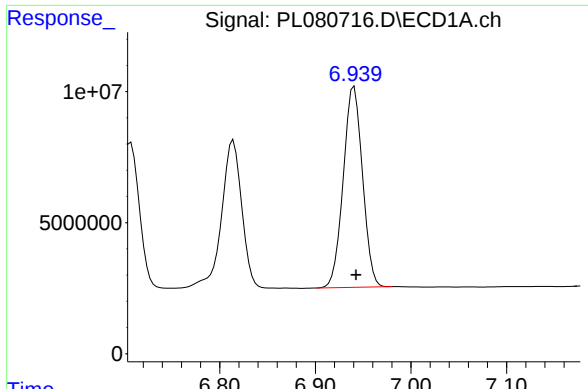
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 79543087
Conc: 47.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 88741473
Conc: 48.60 ng/ml



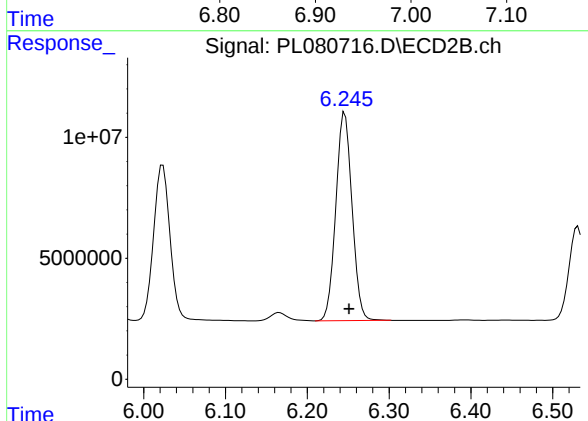
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 107698321
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

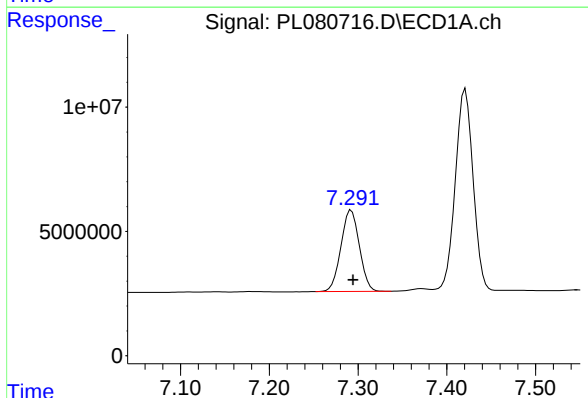
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



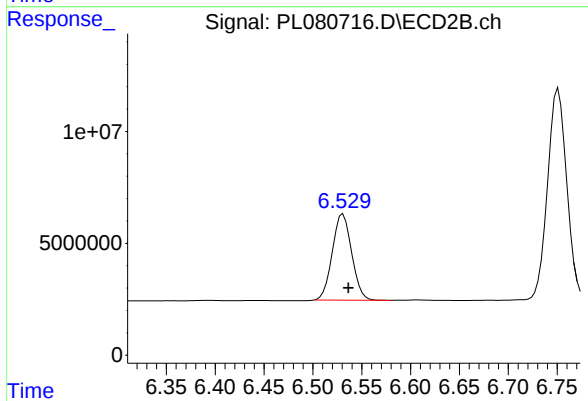
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 118464721
Conc: 50.94 ng/ml



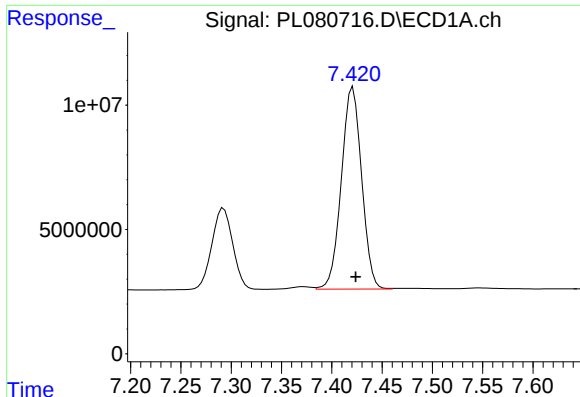
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 47301771
Conc: 42.87 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 53105675
Conc: 43.76 ng/ml



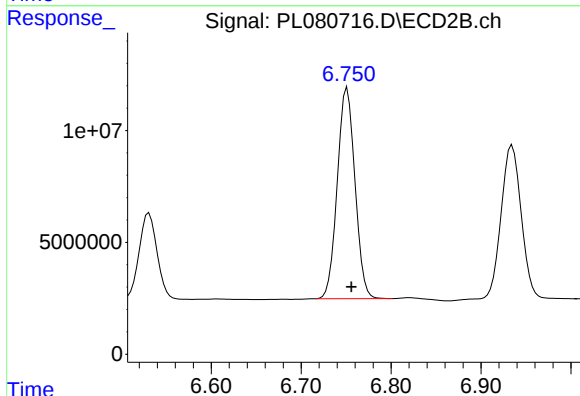
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 113801968
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

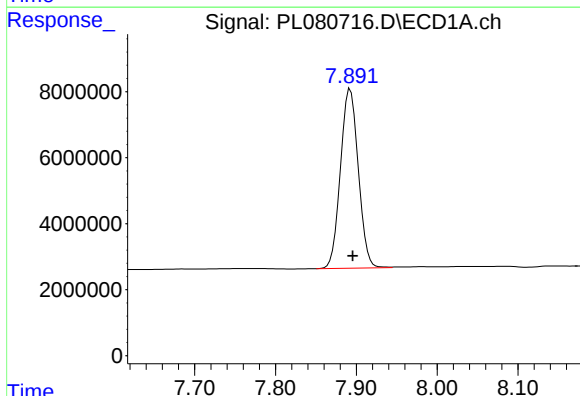
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



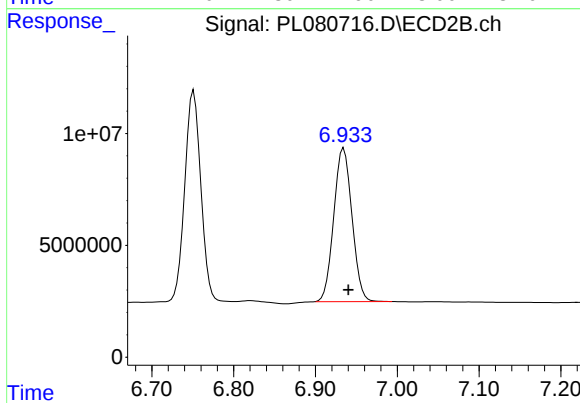
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 128867600
Conc: 50.47 ng/ml



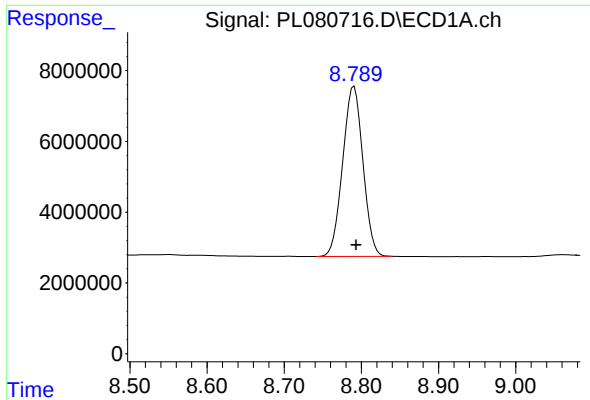
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 83319617
Conc: 48.45 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 106084063
Conc: 46.60 ng/ml



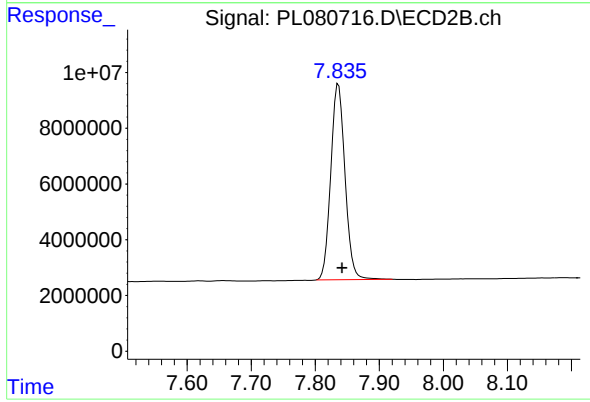
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 87396327
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 108510944
Conc: 45.54 ng/ml