

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 15:42
 Operator : AR\AJ
 Sample : 01371-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 4-RAMP-EMSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 21:00:27 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...	3.349	2.688	28076093	31491992	13.090m	14.338
28)	SA Decachlor...	8.786	7.834	16885131	20340683	9.644	8.537
Target Compounds							
2)	A alpha-BHC	3.799	3.189	150.3E6	153.2E6	47.448	48.172
3)	MA gamma-BHC...	4.127	3.518	141.9E6	141.4E6	48.259	47.339
4)	MA Heptachlor	4.711	3.858	130.6E6	148.5E6	44.199	46.672
5)	MB Aldrin	5.049	4.138	130.0E6	146.4E6	47.509	49.638
6)	B beta-BHC	4.323	3.814	60459824	58717539	44.292	43.995
7)	B delta-BHC	4.566	4.043	145.7E6	140.3E6	50.330	48.632
8)	B Heptachlo...	5.474	4.640	114.6E6	126.8E6	44.279	45.566
9)	A Endosulfan I	5.855	5.009	109.1E6	109.9E6	46.221	42.234
10)	B gamma-Chl...	5.728	4.889	113.8E6	125.6E6	45.060	44.313m
11)	B alpha-Chl...	5.807	4.955	119.9E6	123.1E6	47.486	42.964
12)	B 4,4'-DDE	5.985	5.146	109.3E6	118.1E6	49.088	50.053m
13)	MA Dieldrin	6.129	5.274	111.4E6	123.7E6	46.533	45.721
14)	MA Endrin	6.357	5.549	99213134	111.0E6	45.875	47.800
15)	B Endosulfa...	6.576	5.842	95453262	104.3E6	41.640	50.034
16)	A 4,4'-DDD	6.500	5.701	85632018	87512492	46.743	46.569
17)	MA 4,4'-DDT	6.813	5.951	89343875	92982877	43.002	44.246
18)	B Endrin al...	6.705	6.022	79164289	86604248	47.592	47.426
19)	B Endosulfa...	6.939	6.245	94859238	104.9E6	45.828	45.090
20)	A Methoxychlor	7.290	6.530	47209121	51520582	42.789	42.457
21)	B Endrin ke...	7.419	6.749	102.0E6	117.3E6	46.231	45.936
22)	Mirex	7.890	6.934	80536764	102.1E6	46.829	44.832

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
Data File : PL080678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2023 15:42
Operator : AR\AJ
Sample : 01371-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

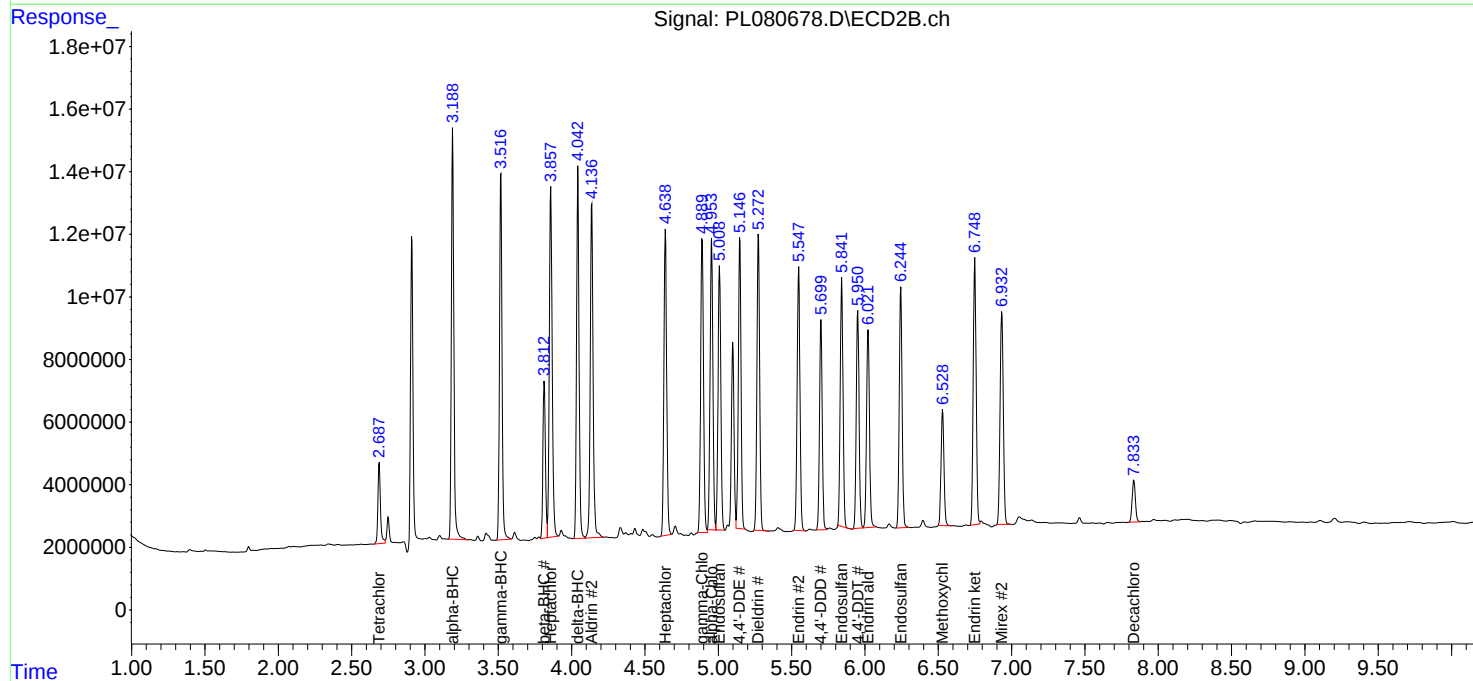
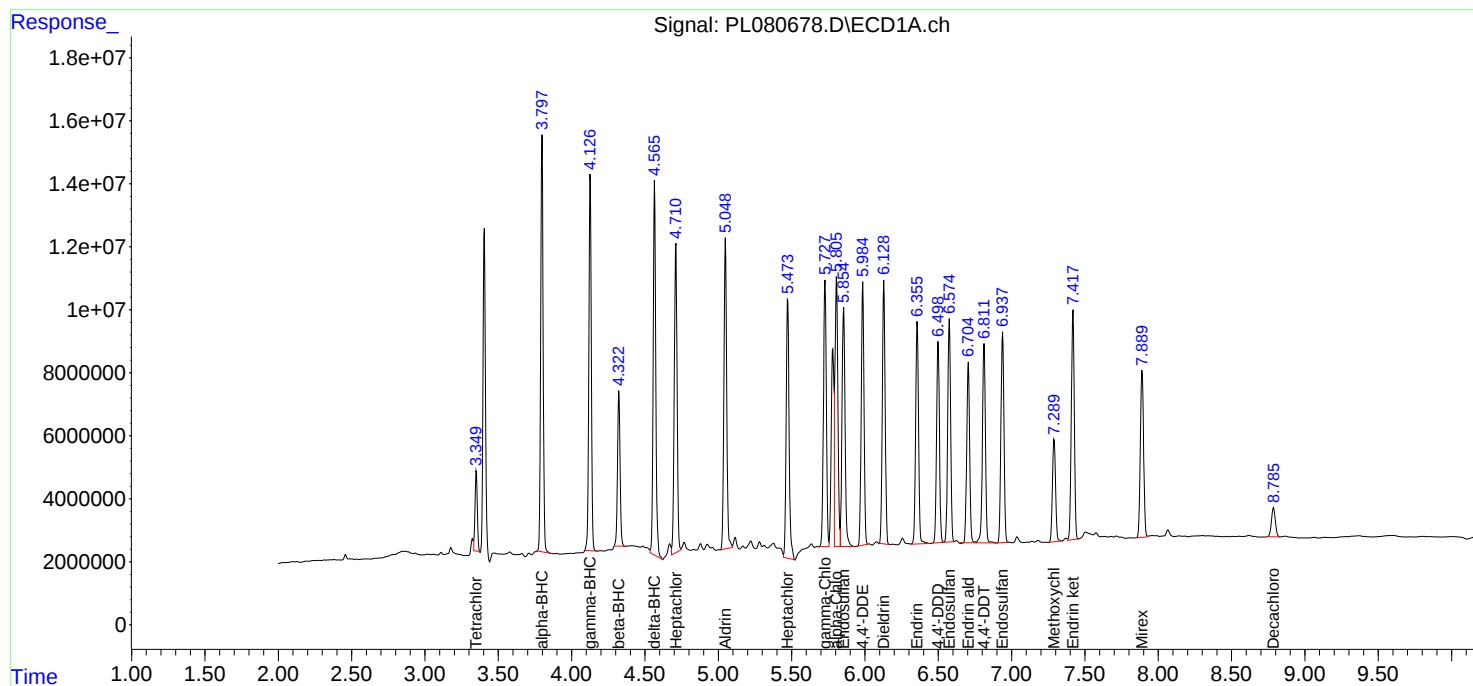
Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

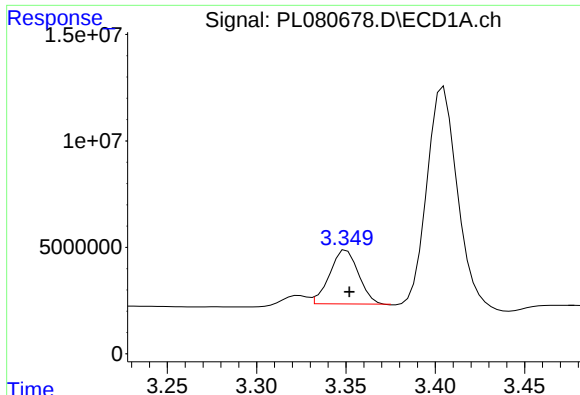
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 21:00:27 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





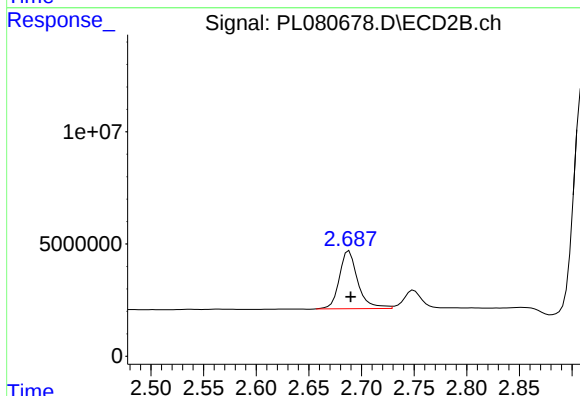
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 28076093
Conc: 13.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

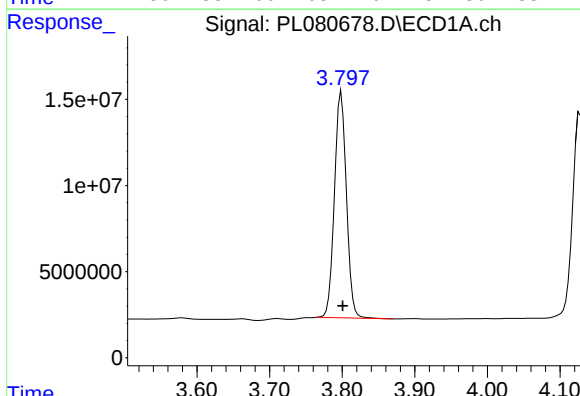
Manual Integrations
APPROVED

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



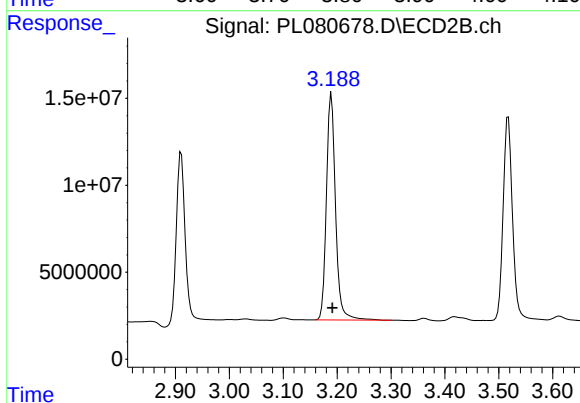
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 31491992
Conc: 14.34 ng/ml



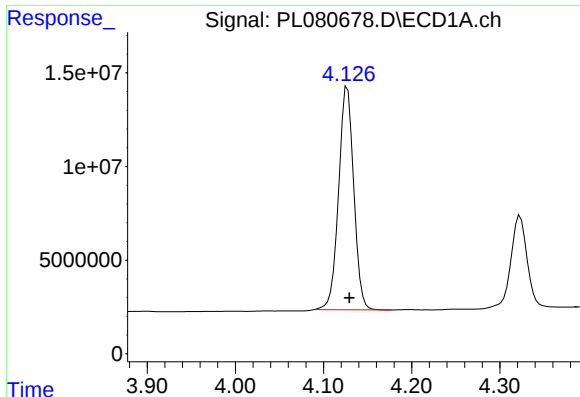
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 150316388
Conc: 47.45 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 153206255
Conc: 48.17 ng/ml



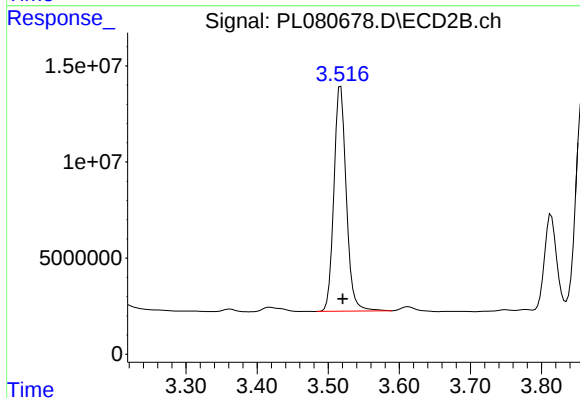
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 141869298
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

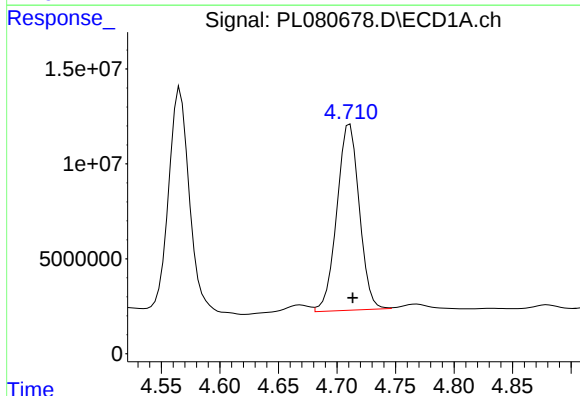
Manual Integrations
APPROVED

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



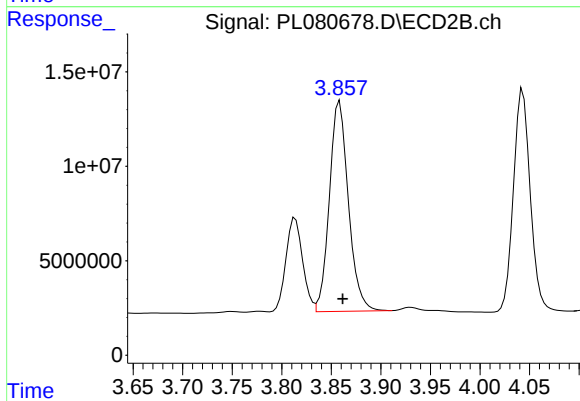
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 141417293
Conc: 47.34 ng/ml



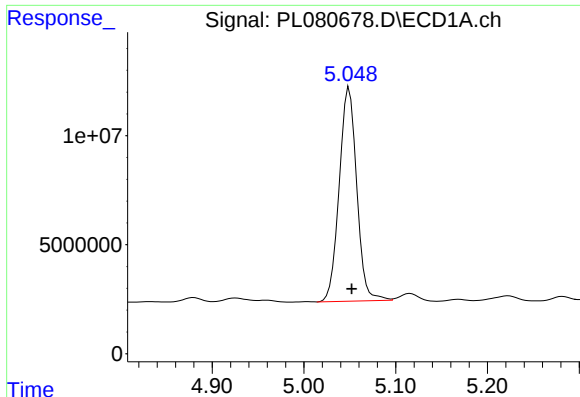
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 130617805
Conc: 44.20 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 148528100
Conc: 46.67 ng/ml



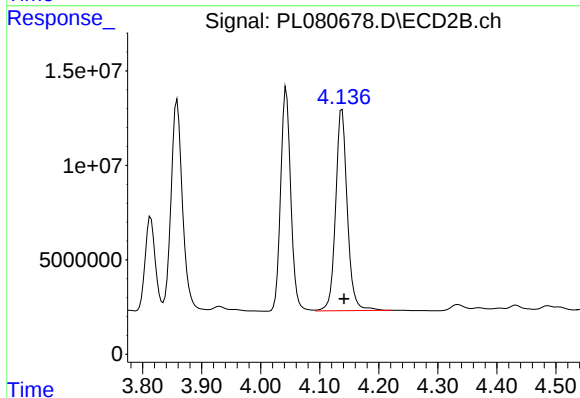
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 129973881
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

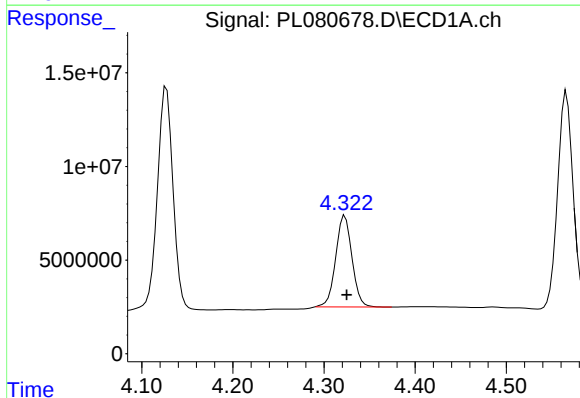
Manual Integrations
APPROVED

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



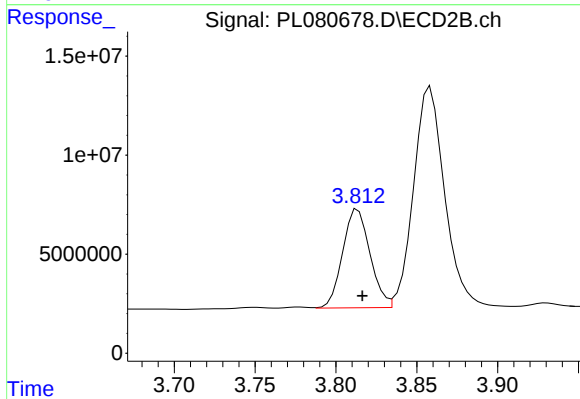
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 146411929
Conc: 49.64 ng/ml



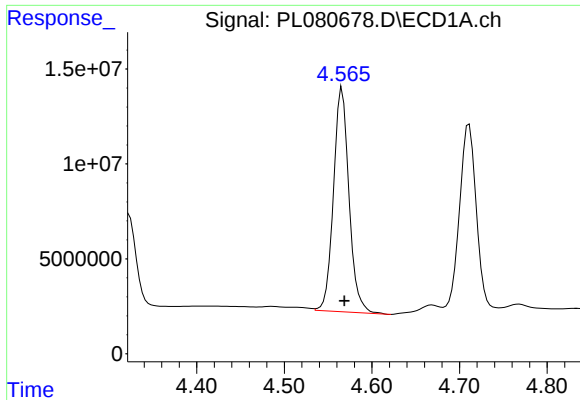
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 60459824
Conc: 44.29 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 58717539
Conc: 44.00 ng/ml



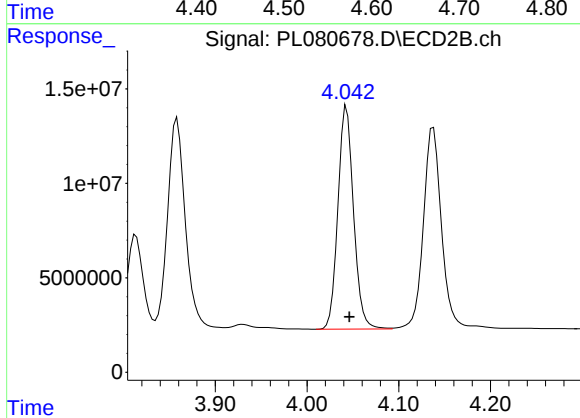
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 145703977
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

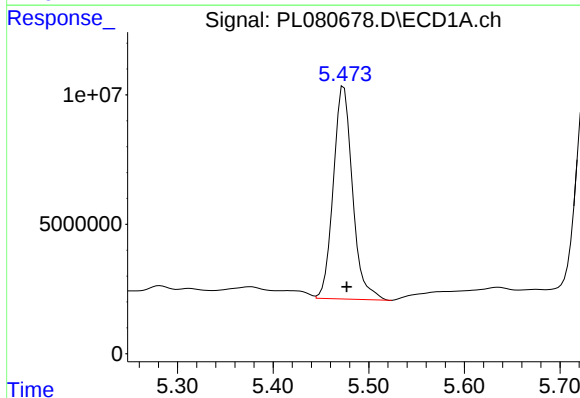
Manual Integrations
APPROVED

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



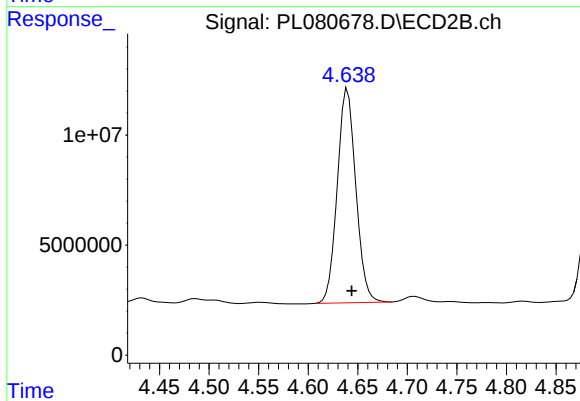
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 140277469
Conc: 48.63 ng/ml



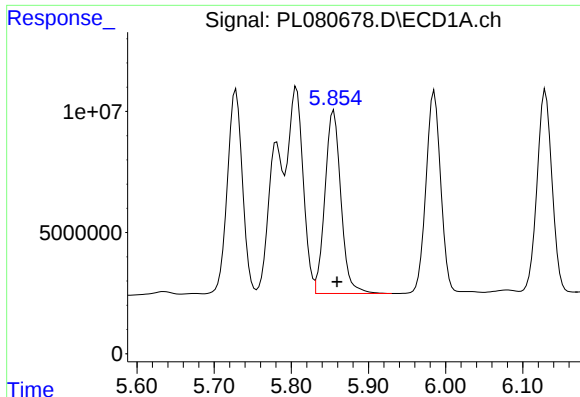
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 114553435
Conc: 44.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 126778973
Conc: 45.57 ng/ml



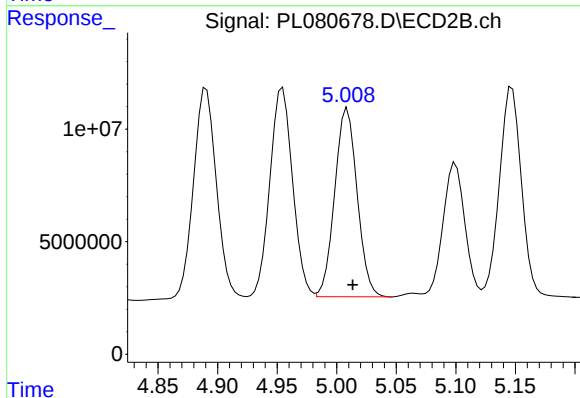
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 109148861
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

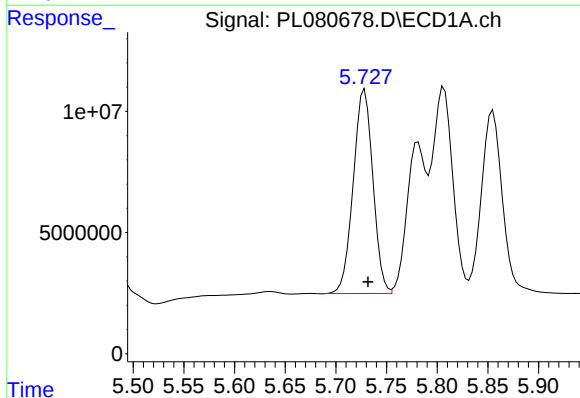
Manual Integrations
APPROVED

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



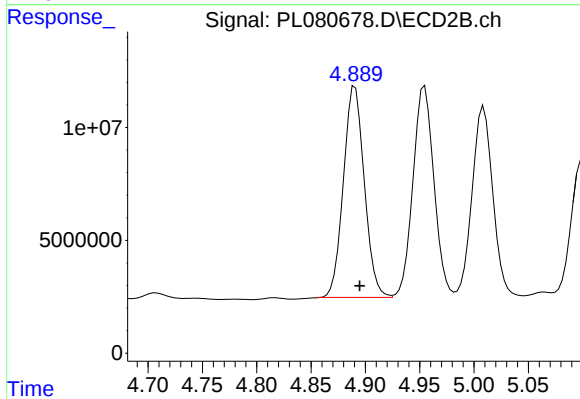
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 109866016
Conc: 42.23 ng/ml



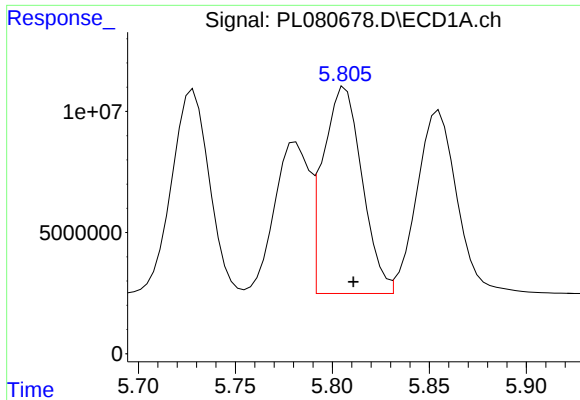
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 113809833
Conc: 45.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 125592681
Conc: 44.31 ng/ml m



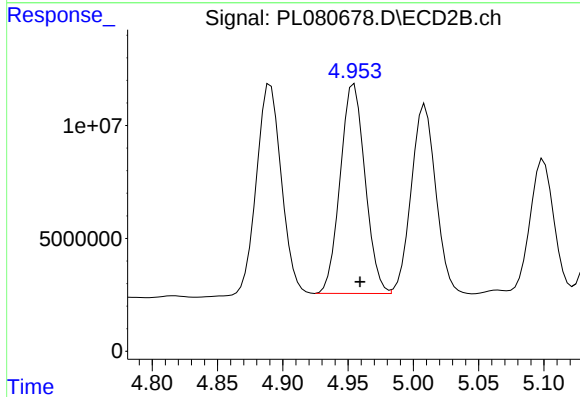
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 119866739
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

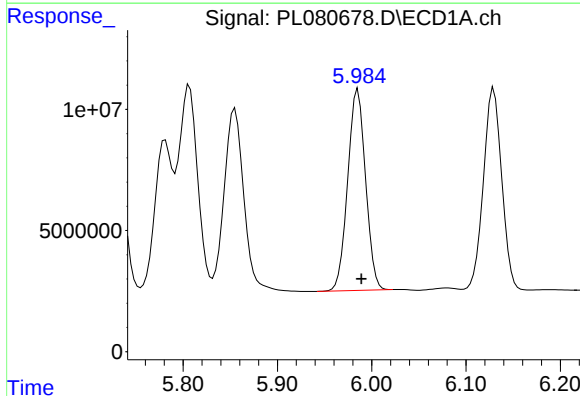
Manual Integrations
APPROVED

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



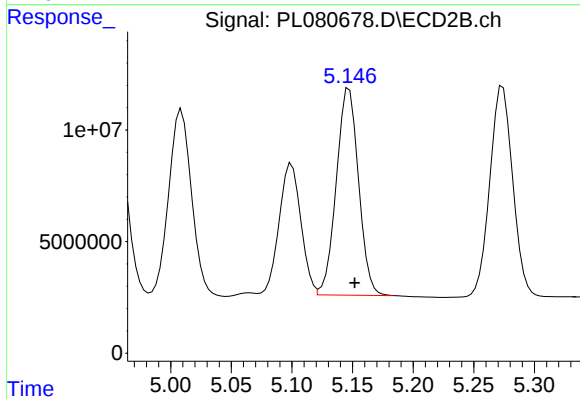
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 123078775
Conc: 42.96 ng/ml



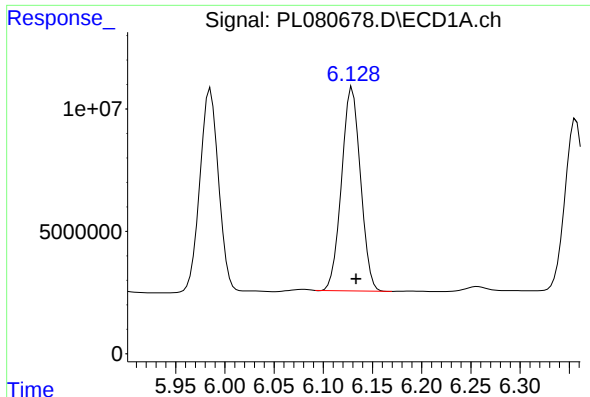
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 109334960
Conc: 49.09 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 118066304
Conc: 50.05 ng/ml m



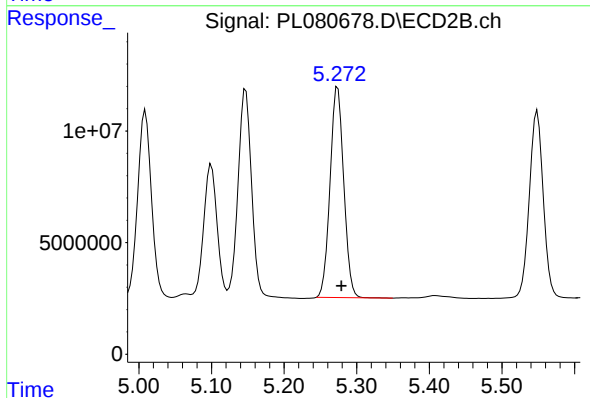
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 111369460
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

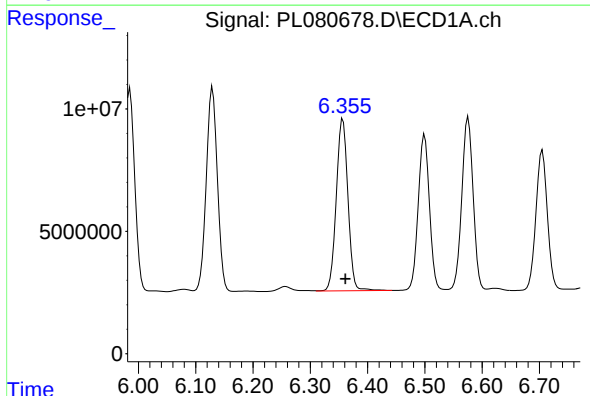
Manual Integrations
APPROVED

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



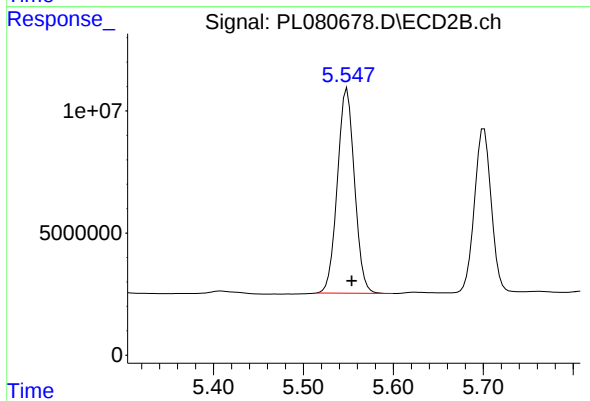
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 123675063
Conc: 45.72 ng/ml



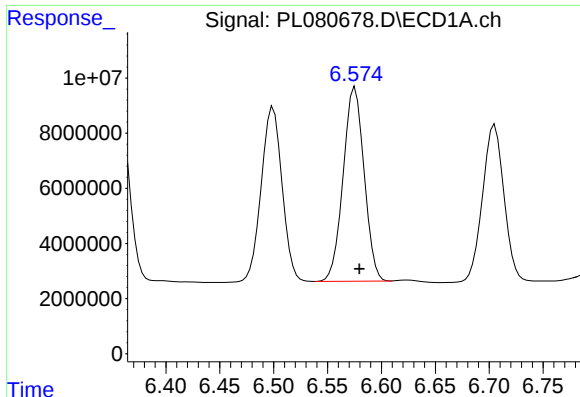
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 99213134
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 110951657
Conc: 47.80 ng/ml



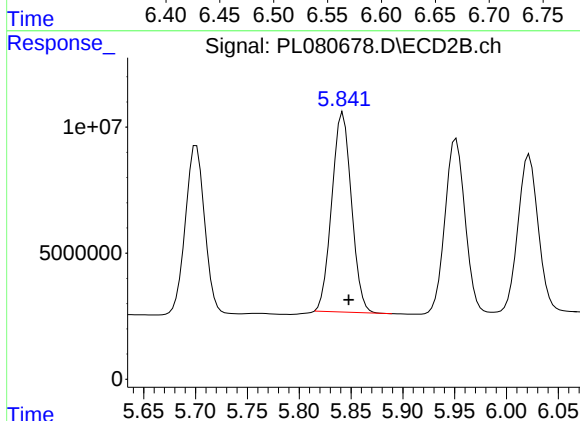
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 95453262
Conc: 41.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

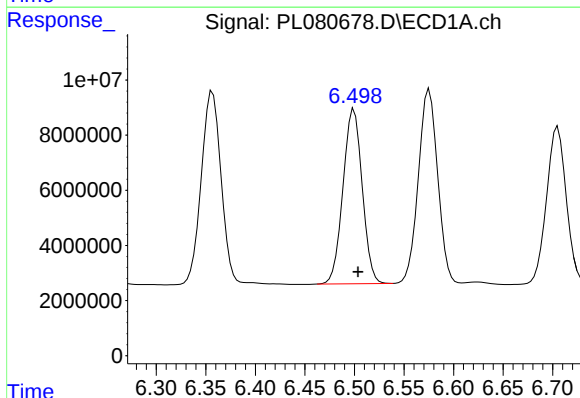
Manual Integrations
APPROVED

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



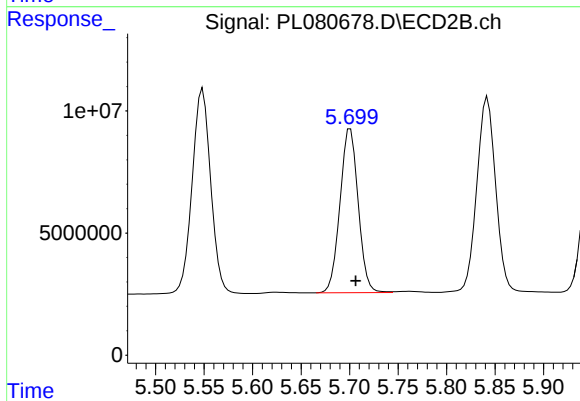
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 104257219
Conc: 50.03 ng/ml



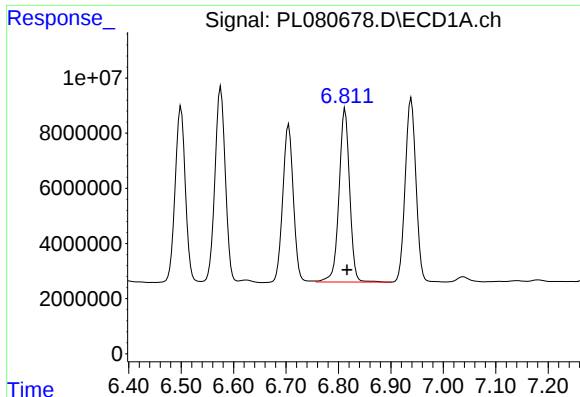
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 85632018
Conc: 46.74 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 87512492
Conc: 46.57 ng/ml



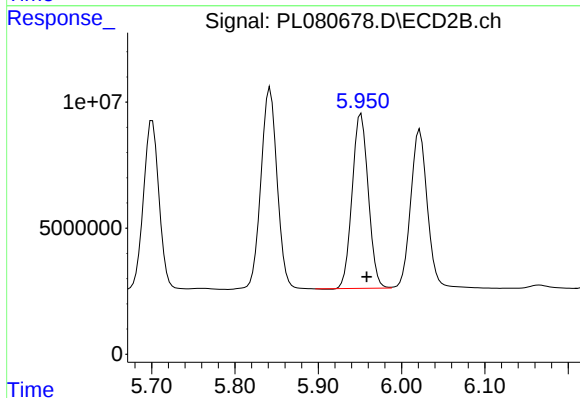
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 89343875
Conc: 43.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

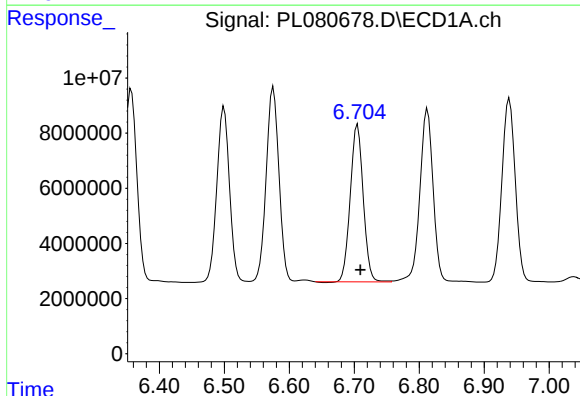
Manual Integrations
APPROVED

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



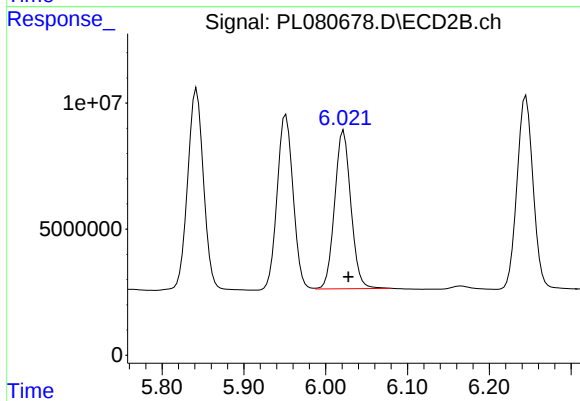
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 92982877
Conc: 44.25 ng/ml



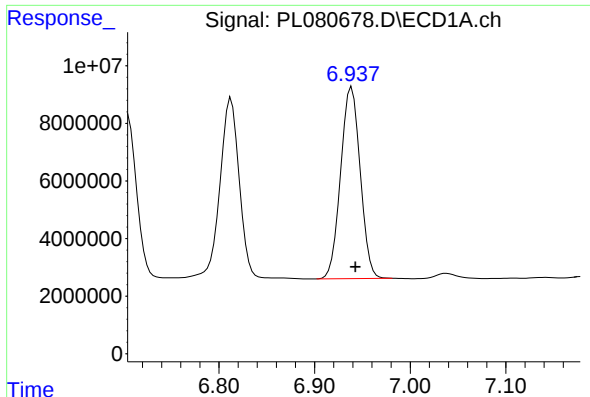
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 79164289
Conc: 47.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 86604248
Conc: 47.43 ng/ml



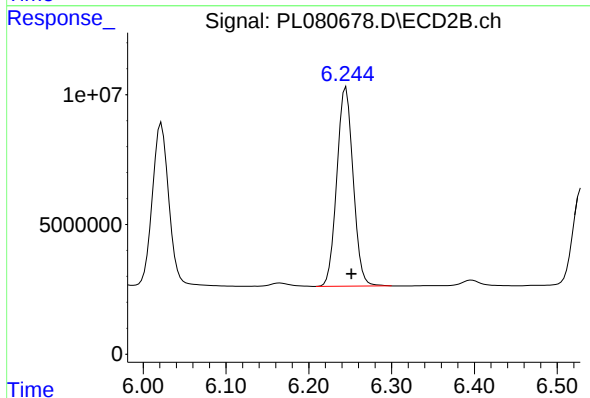
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 94859238
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

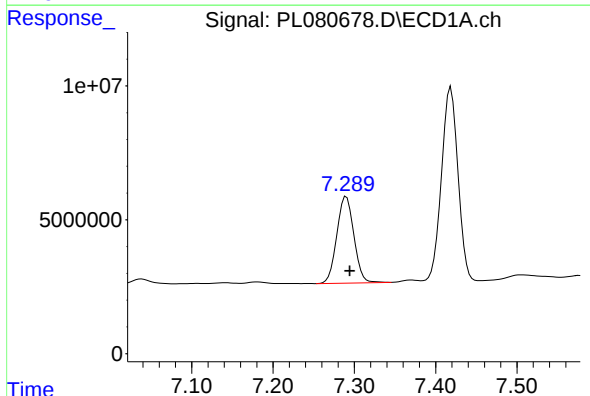
Manual Integrations
APPROVED

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



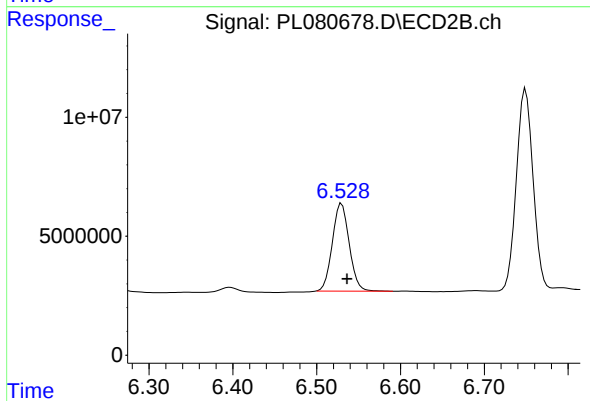
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 104864676
Conc: 45.09 ng/ml



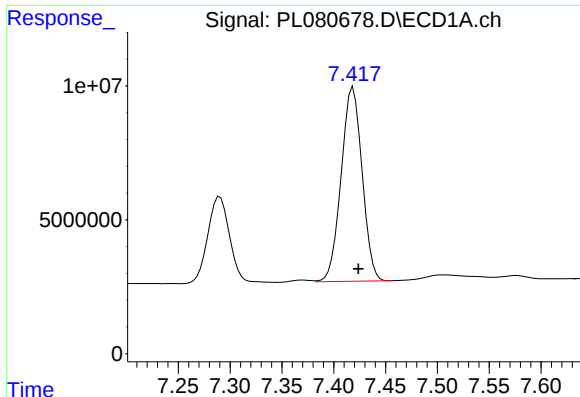
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 47209121
Conc: 42.79 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 51520582
Conc: 42.46 ng/ml



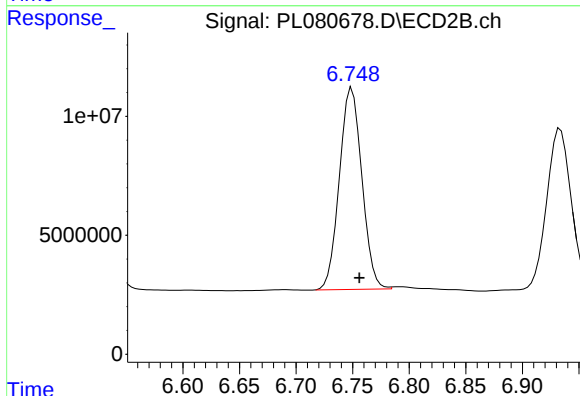
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 102002363
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

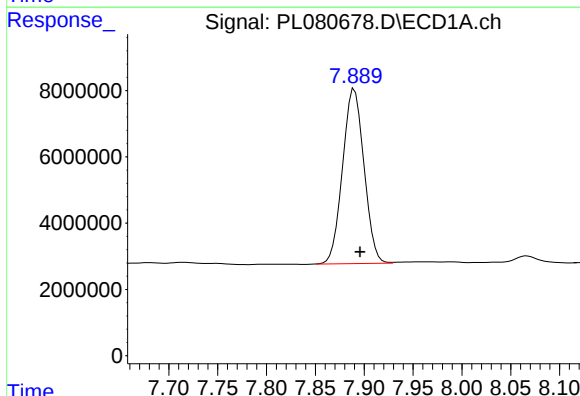
Manual Integrations
APPROVED

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



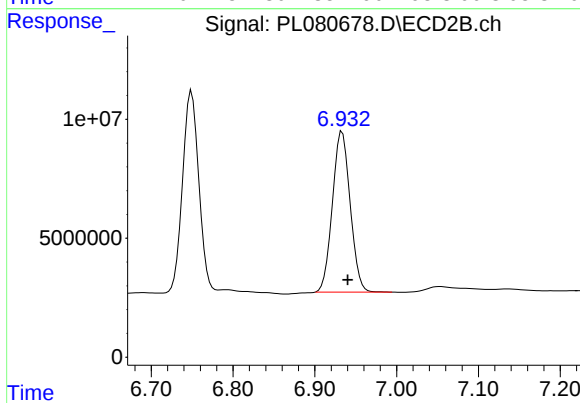
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 117284028
Conc: 45.94 ng/ml



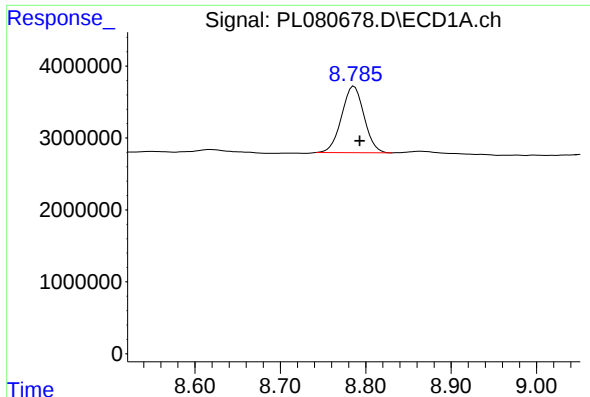
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 80536764
Conc: 46.83 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.007 min
Response: 102070613
Conc: 44.83 ng/ml



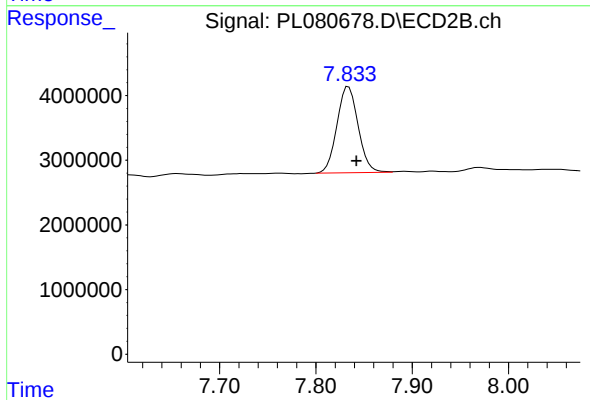
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 16885131
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-RAMP-EMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 20340683
Conc: 8.54 ng/ml