

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 10:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:18:20 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...	3.360	2.687	112.4E6	107.3E6	52.385	48.864
28)	SA Decachlor...	8.798	7.836	86578490	103.1E6	49.452	43.252
Target Compounds							
2)	A alpha-BHC	3.808	3.188	172.2E6	155.3E6	54.365	48.832
3)	MA gamma-BHC...	4.137	3.517	157.2E6	145.4E6	53.470	48.660
4)	MA Heptachlor	4.721	3.858	155.0E6	145.7E6	52.444	45.788
5)	MB Aldrin	5.059	4.138	140.4E6	135.5E6	51.324	45.941
6)	B beta-BHC	4.334	3.814	67797744	62814228	49.668	47.065
7)	B delta-BHC	4.576	4.044	156.9E6	139.7E6	54.181	48.438
8)	B Heptachlo...	5.484	4.641	128.1E6	125.4E6	49.515	45.068
9)	A Endosulfan I	5.866	5.010	119.1E6	115.9E6	50.437	44.536
10)	B gamma-Chl...	5.739	4.890	129.6E6	127.5E6	51.319	44.977m
11)	B alpha-Chl...	5.818	4.956	128.1E6	124.6E6	50.765	43.497
12)	B 4,4'-DDE	5.996	5.149	113.8E6	107.0E6	51.110	45.360
13)	MA Dieldrin	6.140	5.276	121.5E6	119.9E6	50.746	44.337
14)	MA Endrin	6.367	5.550	104.3E6	107.2E6	48.248	46.165
15)	B Endosulfa...	6.585	5.845	103.2E6	99525142	45.018	47.763
16)	A 4,4'-DDD	6.509	5.703	94986302	90254307	51.849	48.028
17)	MA 4,4'-DDT	6.822	5.955	98072760	92868253	47.203	44.192
18)	B Endrin al...	6.715	6.024	80284822	79521567	48.265	43.547
19)	B Endosulfa...	6.949	6.247	103.1E6	104.8E6	49.822	45.069
20)	A Methoxychlor	7.301	6.533	52527117	52396931	47.610	43.180
21)	B Endrin ke...	7.428	6.753	116.8E6	118.7E6	52.929	46.474
22)	Mirex	7.900	6.936	82259540	98272796	47.831	43.164

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 10:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

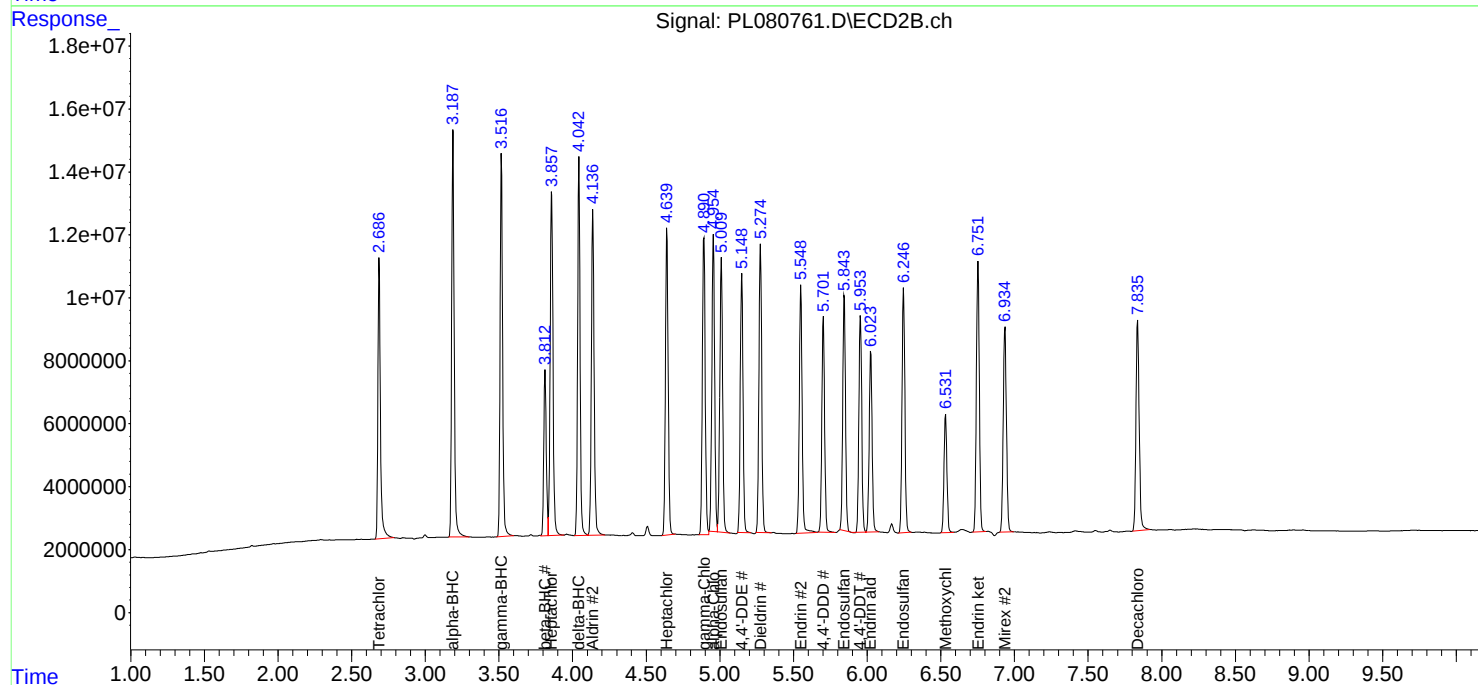
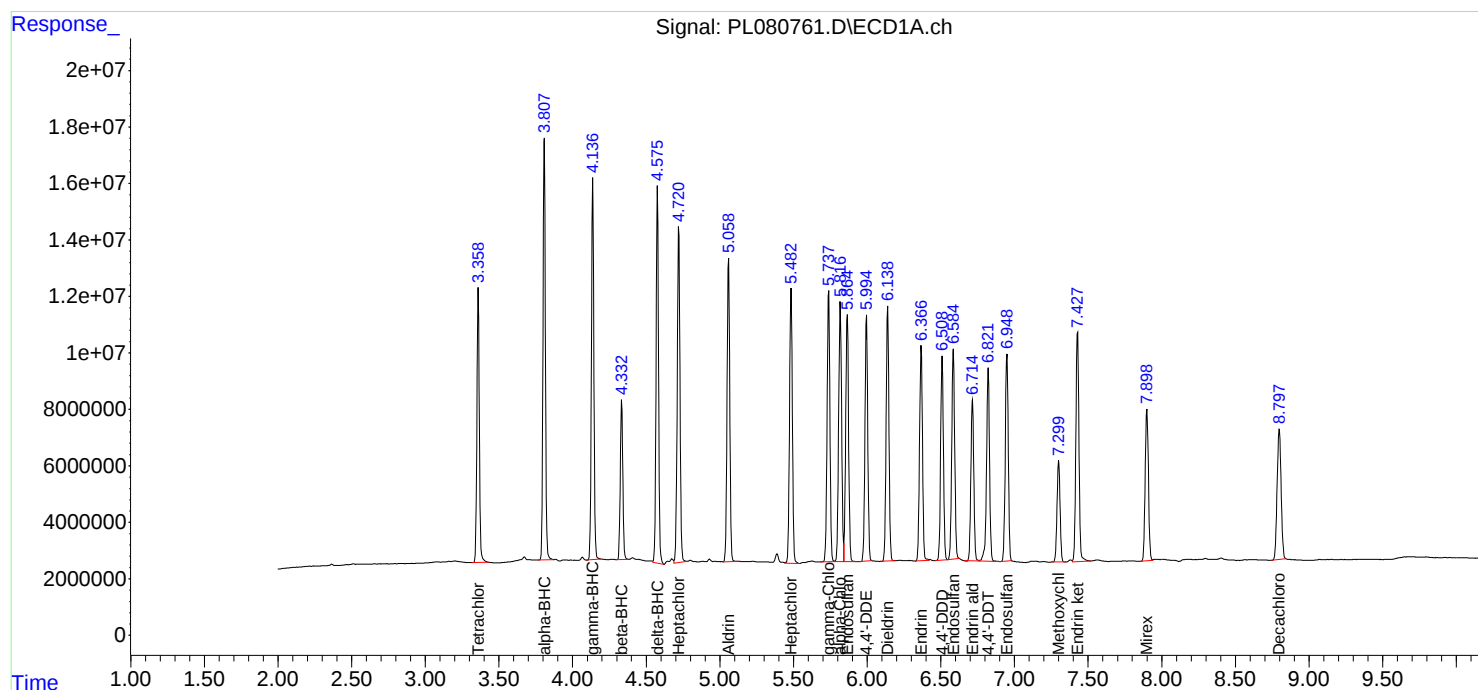
APPROVED

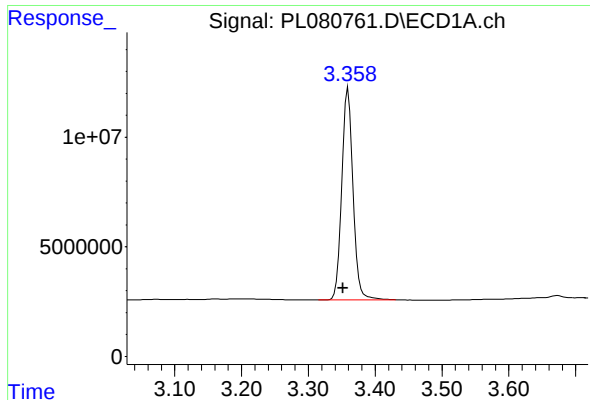
Reviewed By :Abdul Mirza 02/07/2023

Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:18:20 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





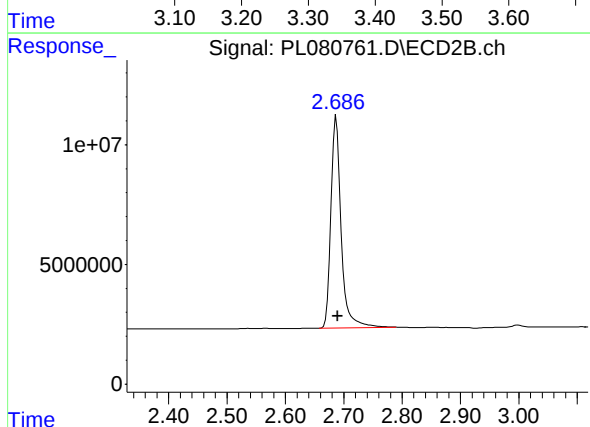
#1 Tetrachloro-m-xylene

R.T.: 3.360 min
Delta R.T.: 0.008 min
Response: 112357378
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

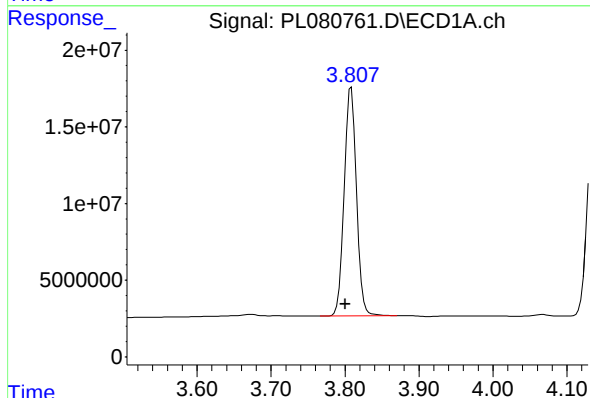
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



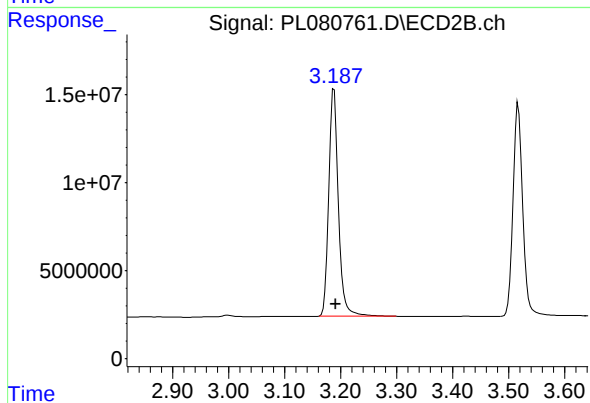
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 107328232
Conc: 48.86 ng/ml



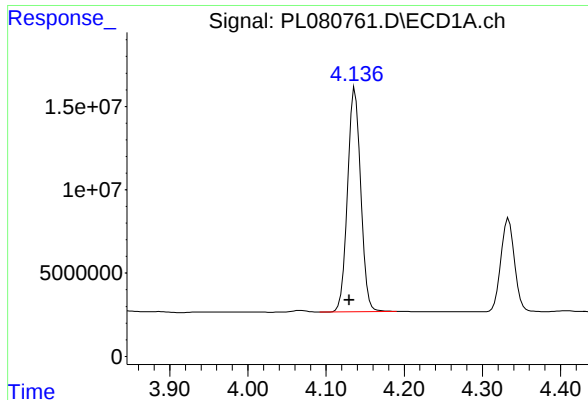
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.008 min
Response: 172229796
Conc: 54.36 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 155305062
Conc: 48.83 ng/ml



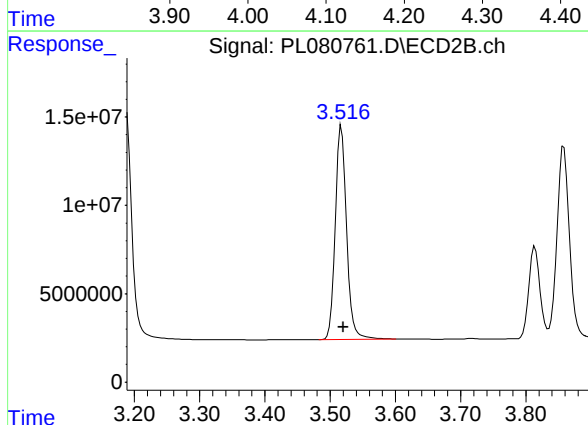
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.008 min
Response: 157188052
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

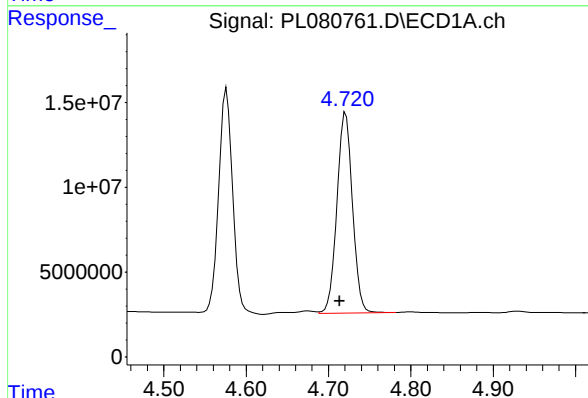
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



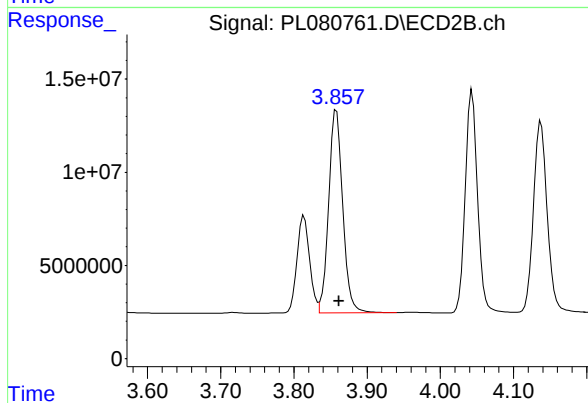
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 145363741
Conc: 48.66 ng/ml



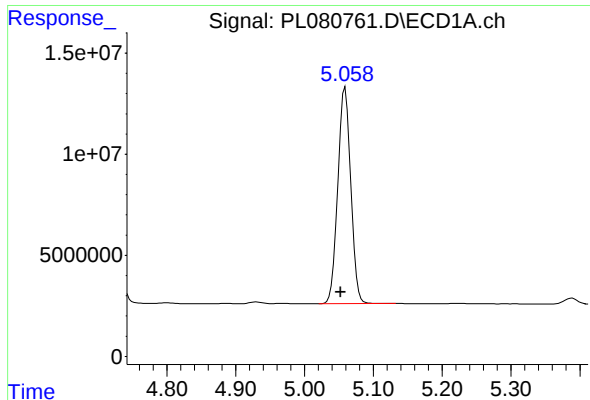
#4 Heptachlor

R.T.: 4.721 min
Delta R.T.: 0.008 min
Response: 154983090
Conc: 52.44 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 145714629
Conc: 45.79 ng/ml



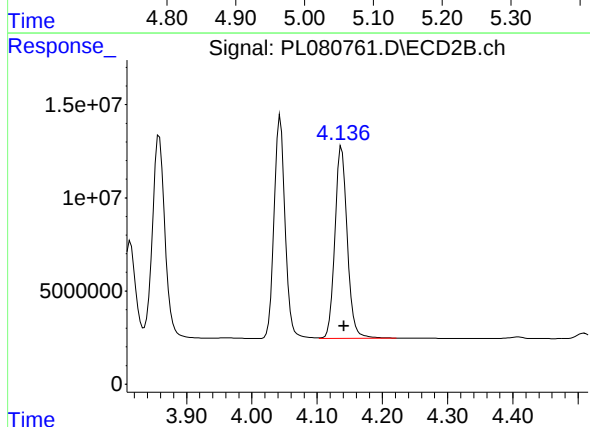
#5 Aldrin

R.T.: 5.059 min
Delta R.T.: 0.007 min
Response: 140410663
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

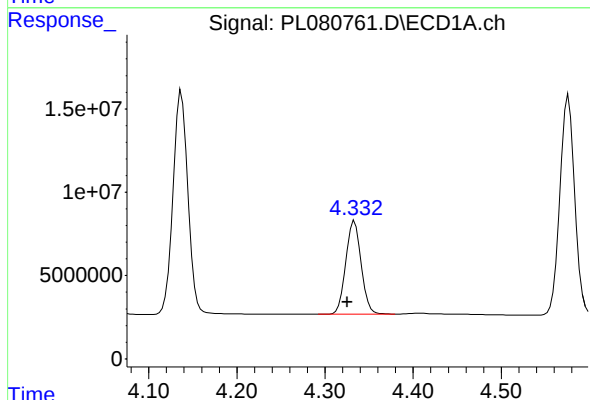
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



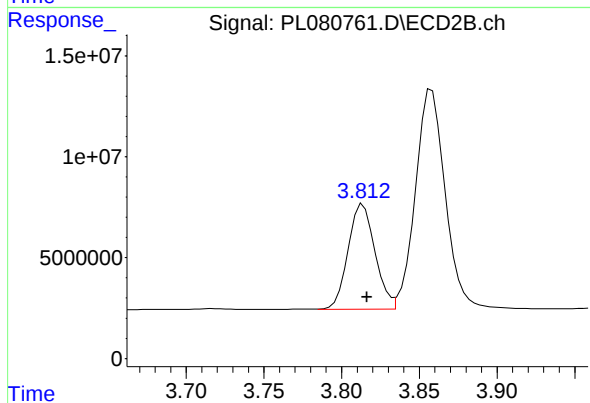
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 135506878
Conc: 45.94 ng/ml



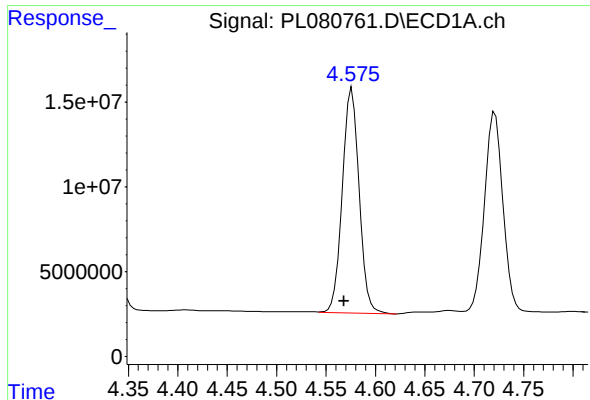
#6 beta-BHC

R.T.: 4.334 min
Delta R.T.: 0.008 min
Response: 67797744
Conc: 49.67 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 62814228
Conc: 47.06 ng/ml



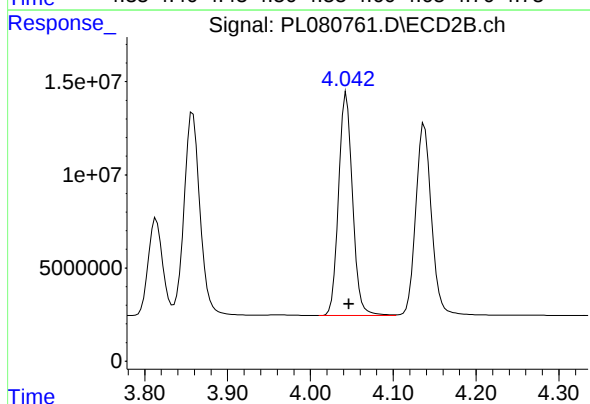
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 156852896
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

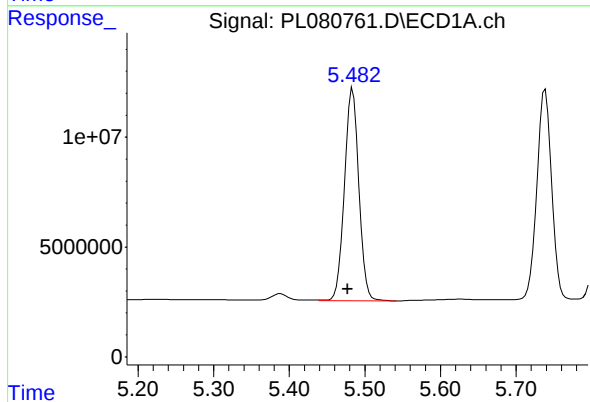
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



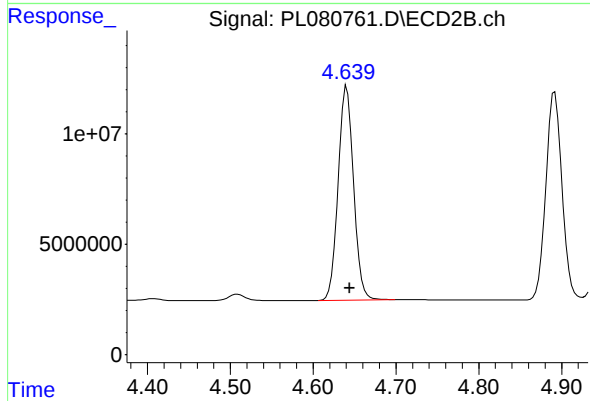
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 139716360
Conc: 48.44 ng/ml



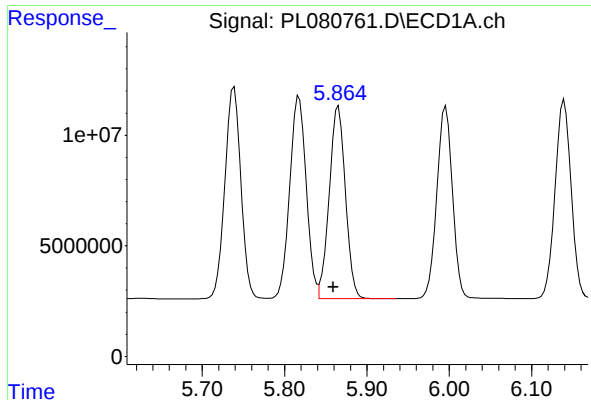
#8 Heptachlor epoxide

R.T.: 5.484 min
Delta R.T.: 0.007 min
Response: 128097430
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 125393418
Conc: 45.07 ng/ml



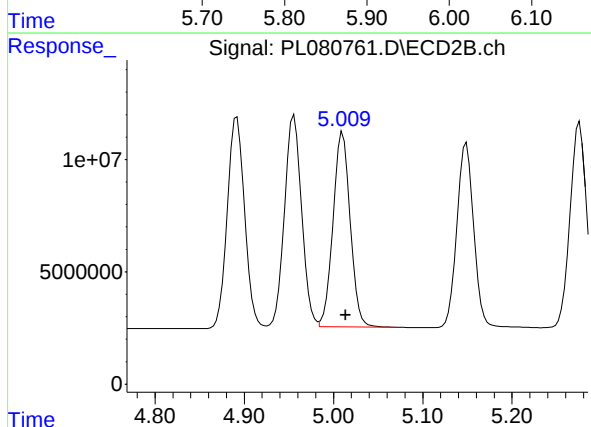
#9 Endosulfan I

R.T.: 5.866 min
Delta R.T.: 0.006 min
Response: 119106009
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

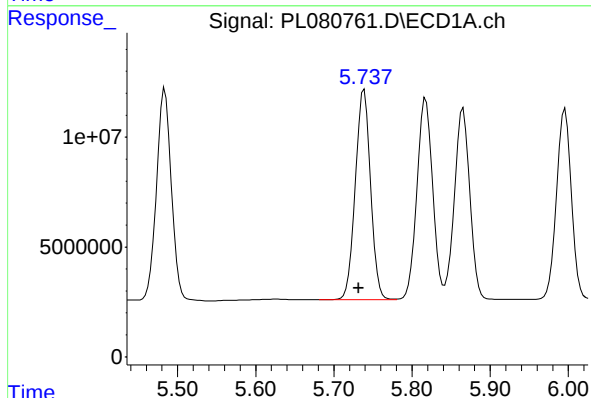
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



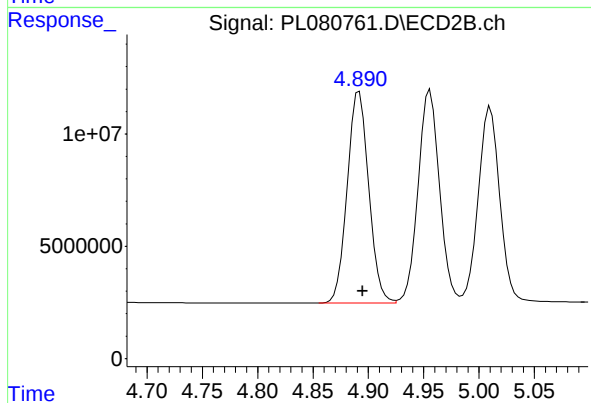
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 115852314
Conc: 44.54 ng/ml



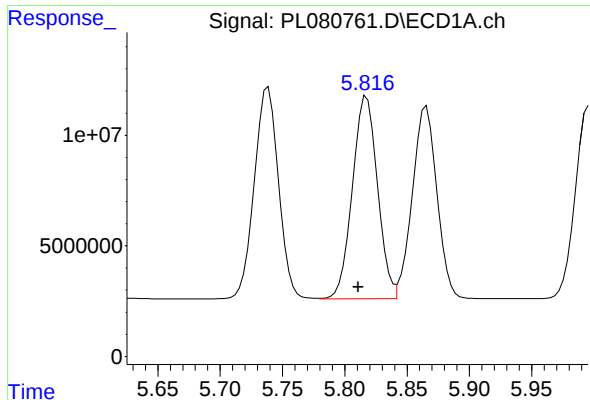
#10 gamma-Chlordane

R.T.: 5.739 min
Delta R.T.: 0.007 min
Response: 129616674
Conc: 51.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 127475474
Conc: 44.98 ng/ml m



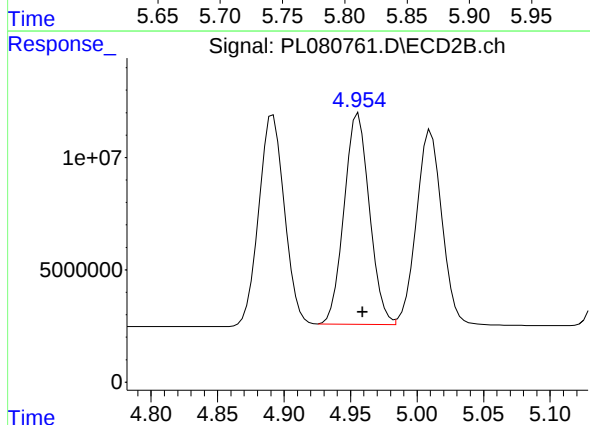
#11 alpha-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.007 min
Response: 128143610
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

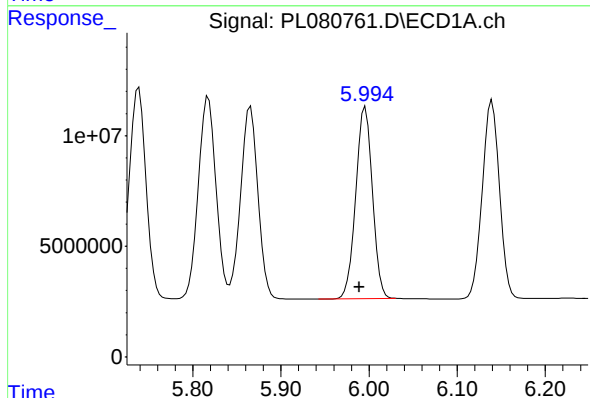
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



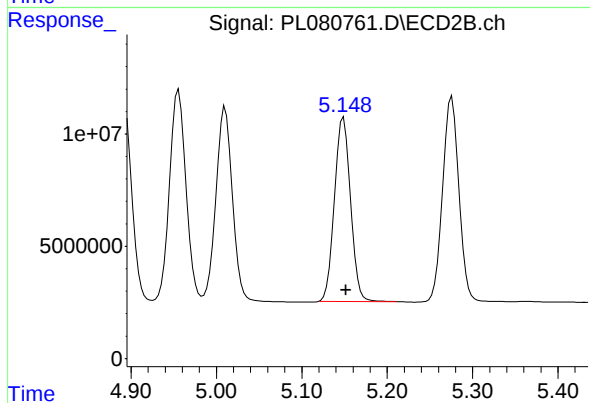
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 124604176
Conc: 43.50 ng/ml



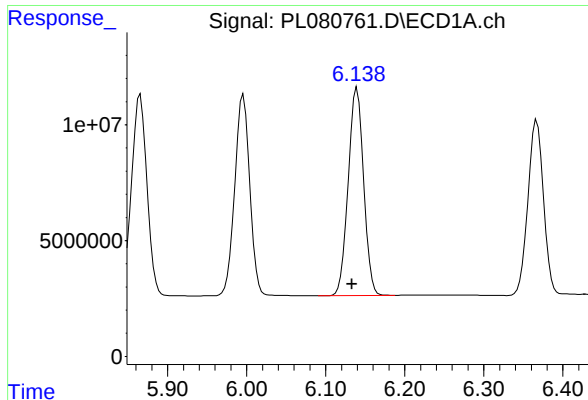
#12 4,4'-DDE

R.T.: 5.996 min
Delta R.T.: 0.007 min
Response: 113840292
Conc: 51.11 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 106996925
Conc: 45.36 ng/ml



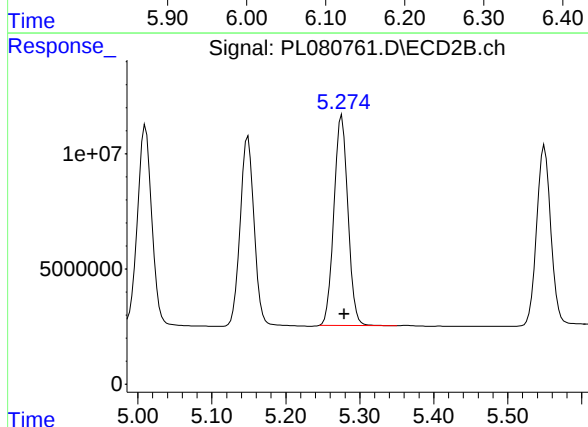
#13 Dieldrin

R.T.: 6.140 min
Delta R.T.: 0.006 min
Response: 121452653
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

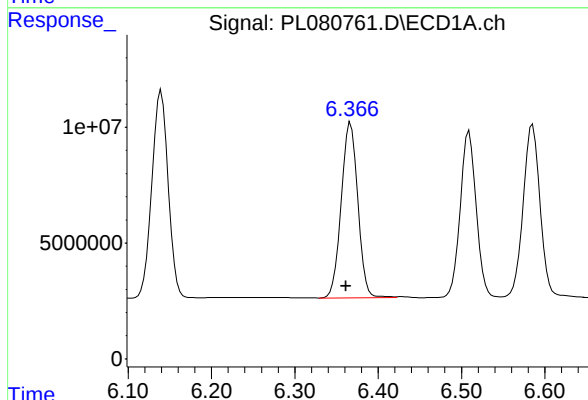
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



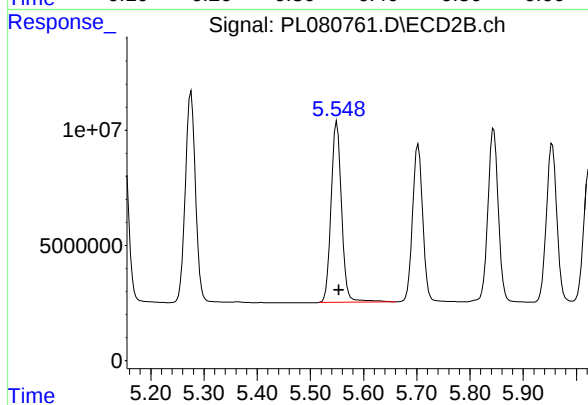
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.003 min
Response: 119930814
Conc: 44.34 ng/ml



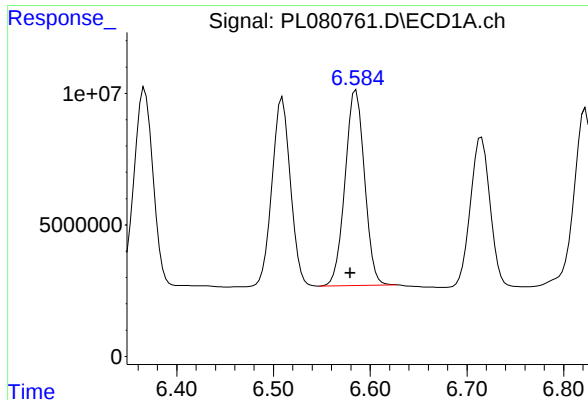
#14 Endrin

R.T.: 6.367 min
Delta R.T.: 0.006 min
Response: 104345652
Conc: 48.25 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 107157136
Conc: 46.17 ng/ml



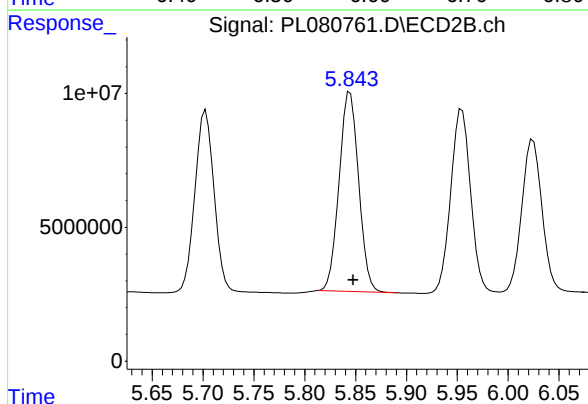
#15 Endosulfan II

R.T.: 6.585 min
Delta R.T.: 0.006 min
Response: 103195677
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

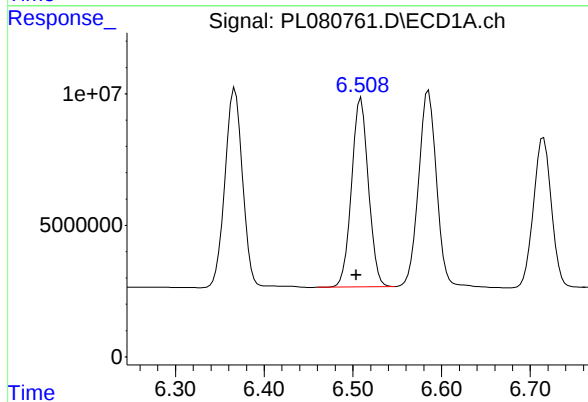
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



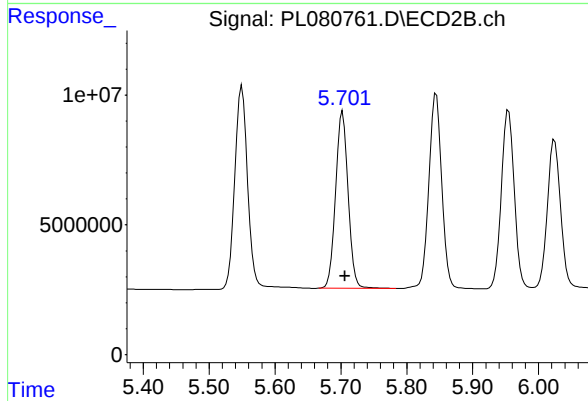
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.003 min
Response: 99525142
Conc: 47.76 ng/ml



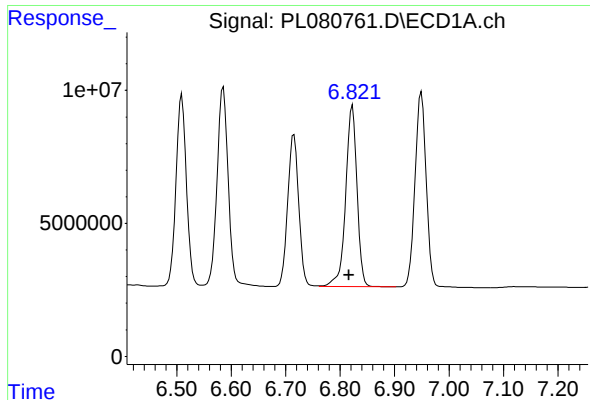
#16 4,4'-DDD

R.T.: 6.509 min
Delta R.T.: 0.005 min
Response: 94986302
Conc: 51.85 ng/ml



#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 90254307
Conc: 48.03 ng/ml



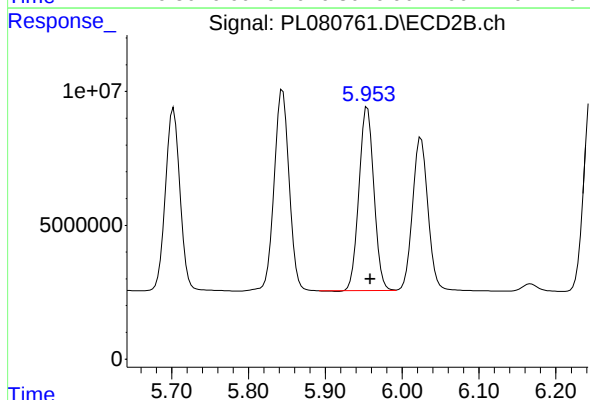
#17 4,4'-DDT

R.T.: 6.822 min
Delta R.T.: 0.006 min
Response: 98072760
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

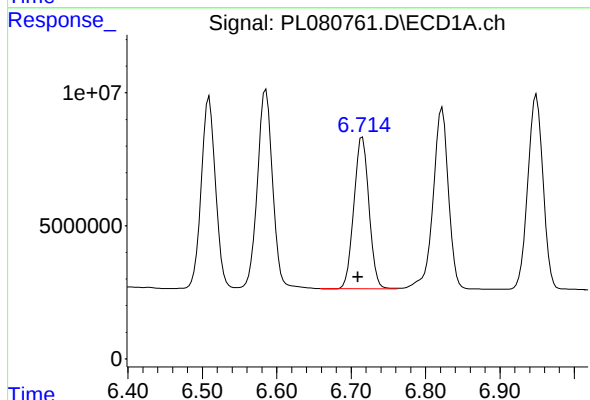
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



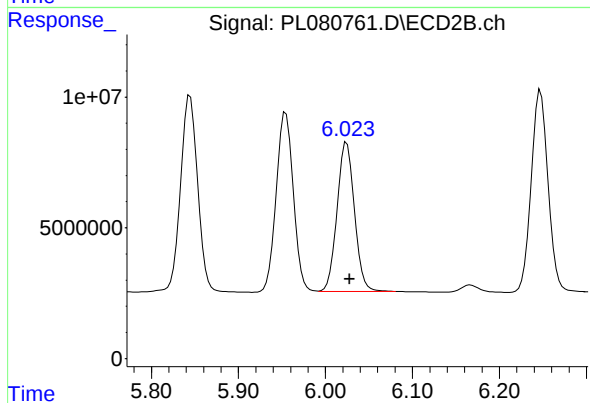
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 92868253
Conc: 44.19 ng/ml



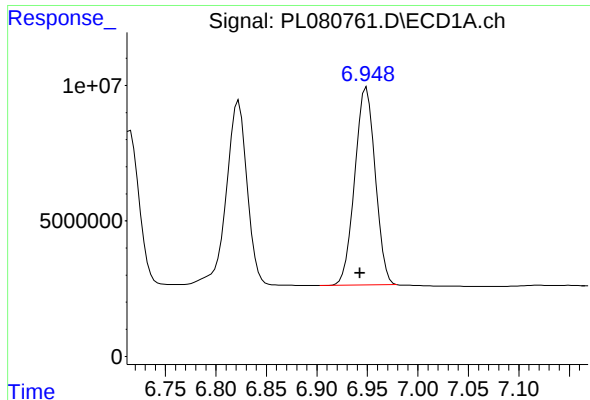
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.006 min
Response: 80284822
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 79521567
Conc: 43.55 ng/ml



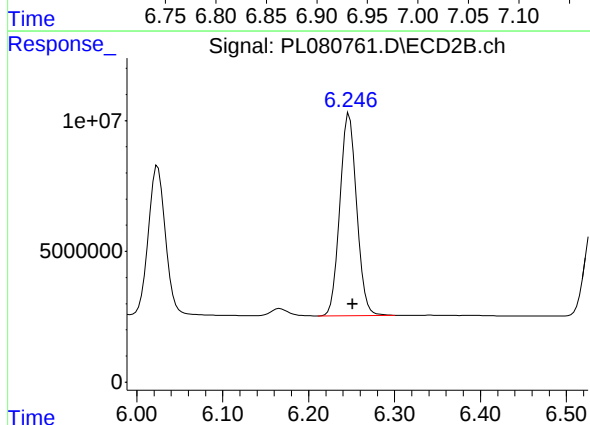
#19 Endosulfan Sulfate

R.T.: 6.949 min
Delta R.T.: 0.007 min
Response: 103127584
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

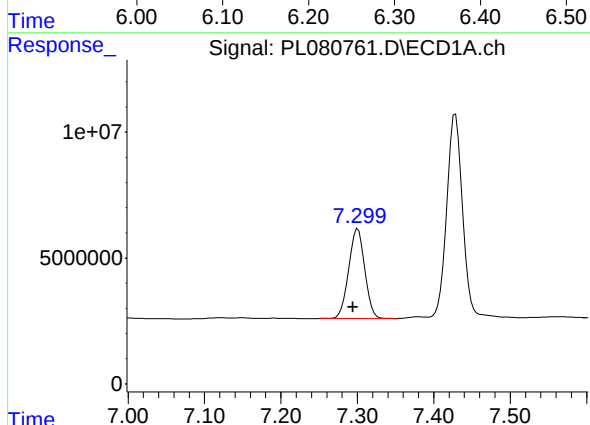
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



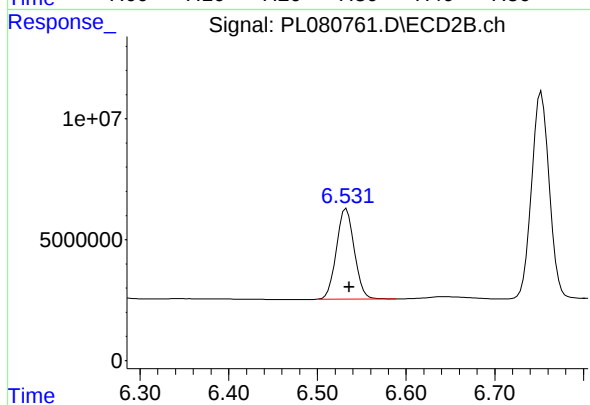
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 104815226
Conc: 45.07 ng/ml



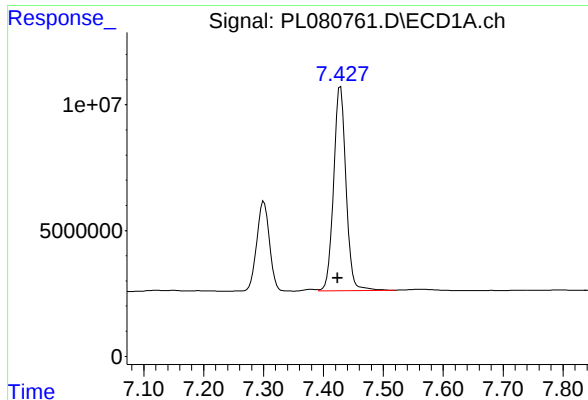
#20 Methoxychlor

R.T.: 7.301 min
Delta R.T.: 0.006 min
Response: 52527117
Conc: 47.61 ng/ml



#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 52396931
Conc: 43.18 ng/ml



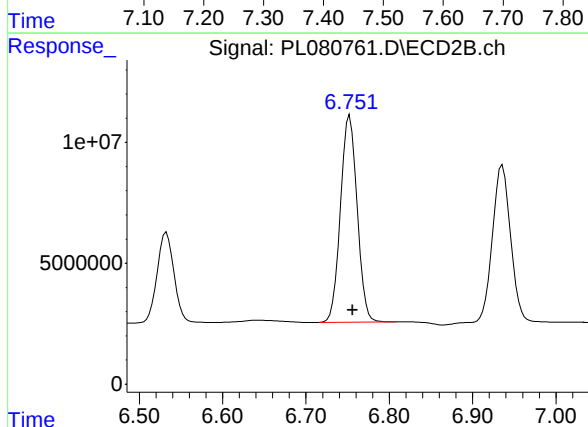
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.005 min
Response: 116778526
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

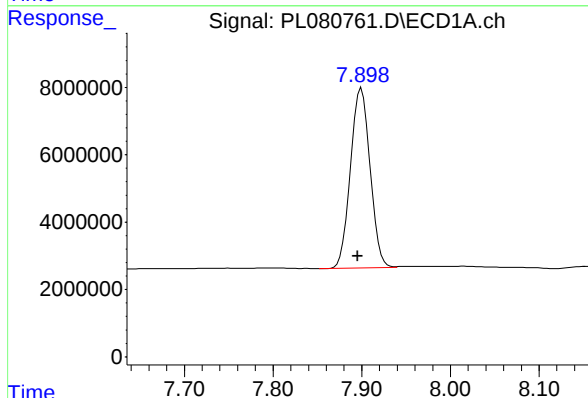
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



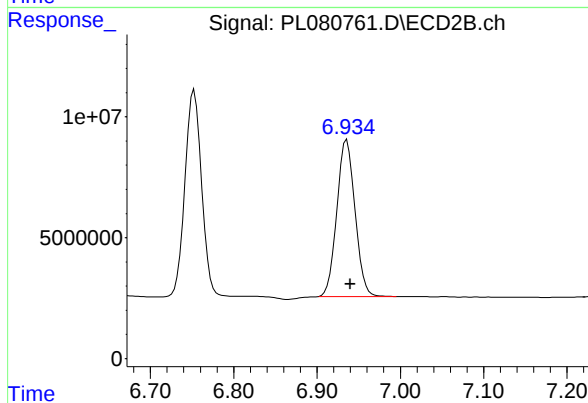
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 118657444
Conc: 46.47 ng/ml



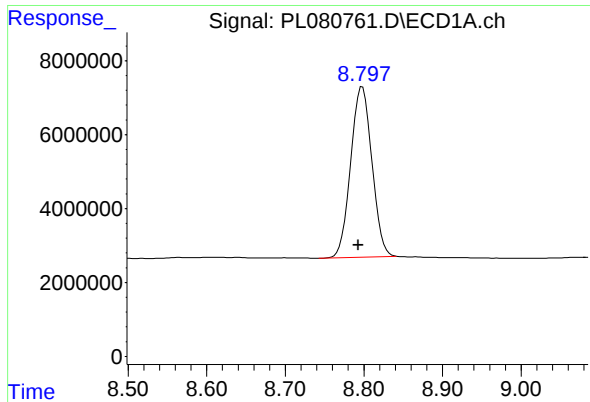
#22 Mirex

R.T.: 7.900 min
Delta R.T.: 0.004 min
Response: 82259540
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 98272796
Conc: 43.16 ng/ml



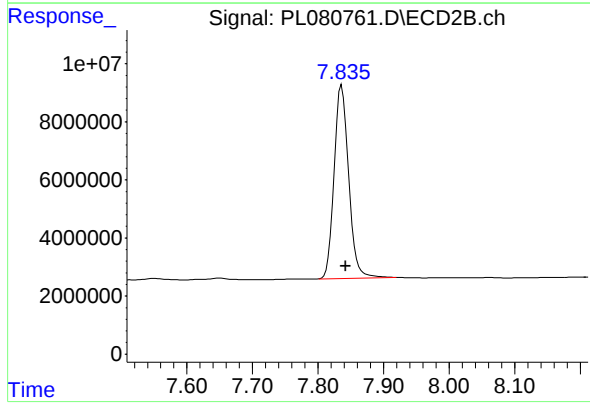
#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 86578490
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 103050053
Conc: 43.25 ng/ml