

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 12:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2023
 Supervised By : Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 15:14:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.458	2.702	139.6E6	42144970	43.249	43.084
28)	SA Decachlor...	9.061	7.902	107.6E6	41194891	47.089	42.811
Target Compounds							
2)	A alpha-BHC	3.918	3.209	207.5E6	57701353	46.112	45.022
3)	MA gamma-BHC...	4.253	3.541	190.9E6	56580144	45.987	44.671
4)	MA Heptachlor	4.849	3.885	195.0E6	56158731	48.235	45.121
5)	MB Aldrin	5.193	4.166	184.9E6	53024230	46.369	44.083
6)	B beta-BHC	4.454	3.843	76486613	24863403	44.979	43.824
7)	B delta-BHC	4.701	4.073	168.0E6	54431883	46.457	44.783
8)	B Heptachlo...	5.626	4.675	168.9E6	49150576	47.939	44.497
9)	A Endosulfan I	6.014	5.046	156.7E6	51532828	47.816	48.484
10)	B gamma-Chl...	5.886	4.929	162.1E6	54979067	47.131	51.101
11)	B alpha-Chl...	5.967	4.993	162.5E6	55719493	47.320	49.995
12)	B 4,4'-DDE	6.150	5.192	117.7E6	46276066	46.957m	52.071
13)	MA Dieldrin	6.295	5.315	154.5E6	49685463	47.666	49.577
14)	MA Endrin	6.526	5.590	123.2E6	42387615	55.840	51.959
15)	B Endosulfa...	6.749	5.888	120.1E6	40658080	46.476	46.191
16)	A 4,4'-DDD	6.676	5.751	89528501	35951729	44.549	46.374
17)	MA 4,4'-DDT	6.994	6.004	100.8E6	37074721	50.760m	48.830
18)	B Endrin al...	6.882	6.070	86331282	31497244	47.570	45.997
19)	B Endosulfa...	7.119	6.296	117.4E6	39587895	47.607m	44.863
20)	A Methoxychlor	7.488	6.591	54786409	23442274	51.466	49.031
21)	B Endrin ke...	7.606	6.800	117.7E6	45290950	46.145m	44.783m
22)	Mirex	8.087	6.985	108.6E6	37996084	48.215	42.820

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2023 12:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

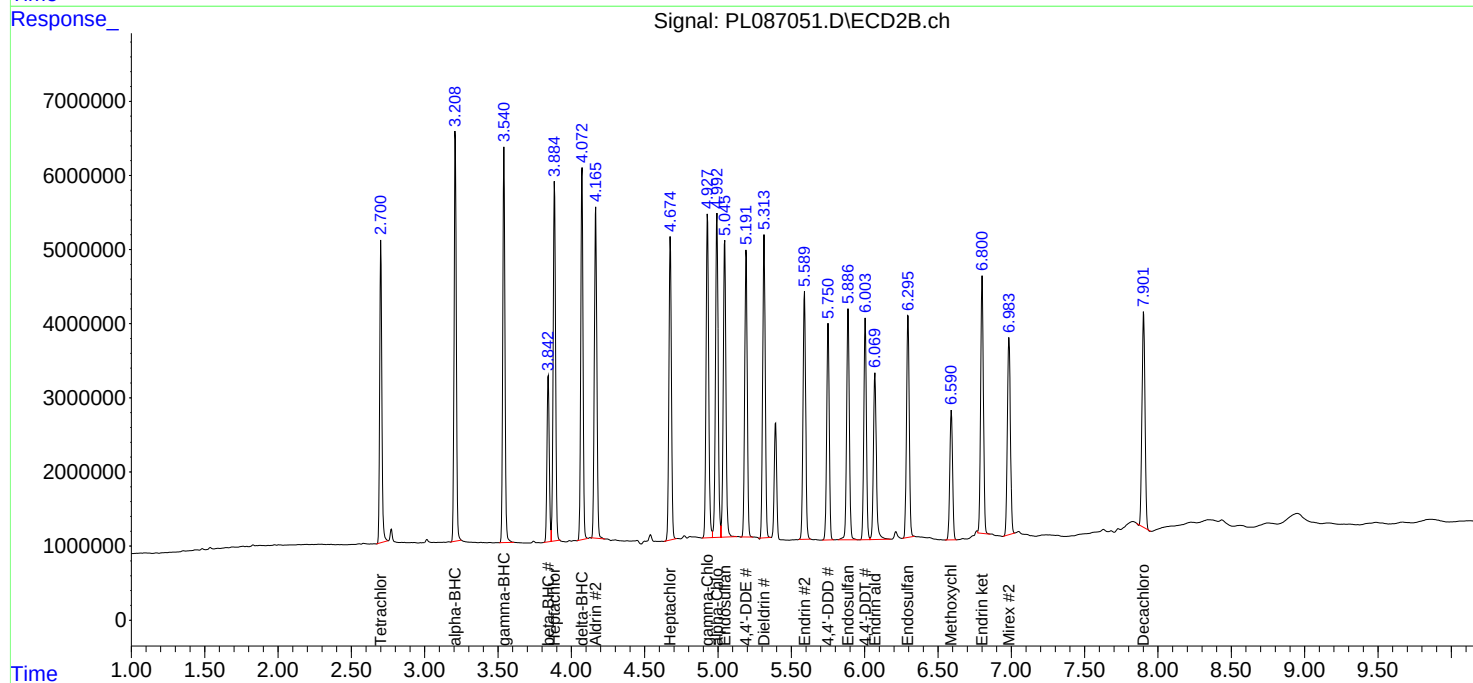
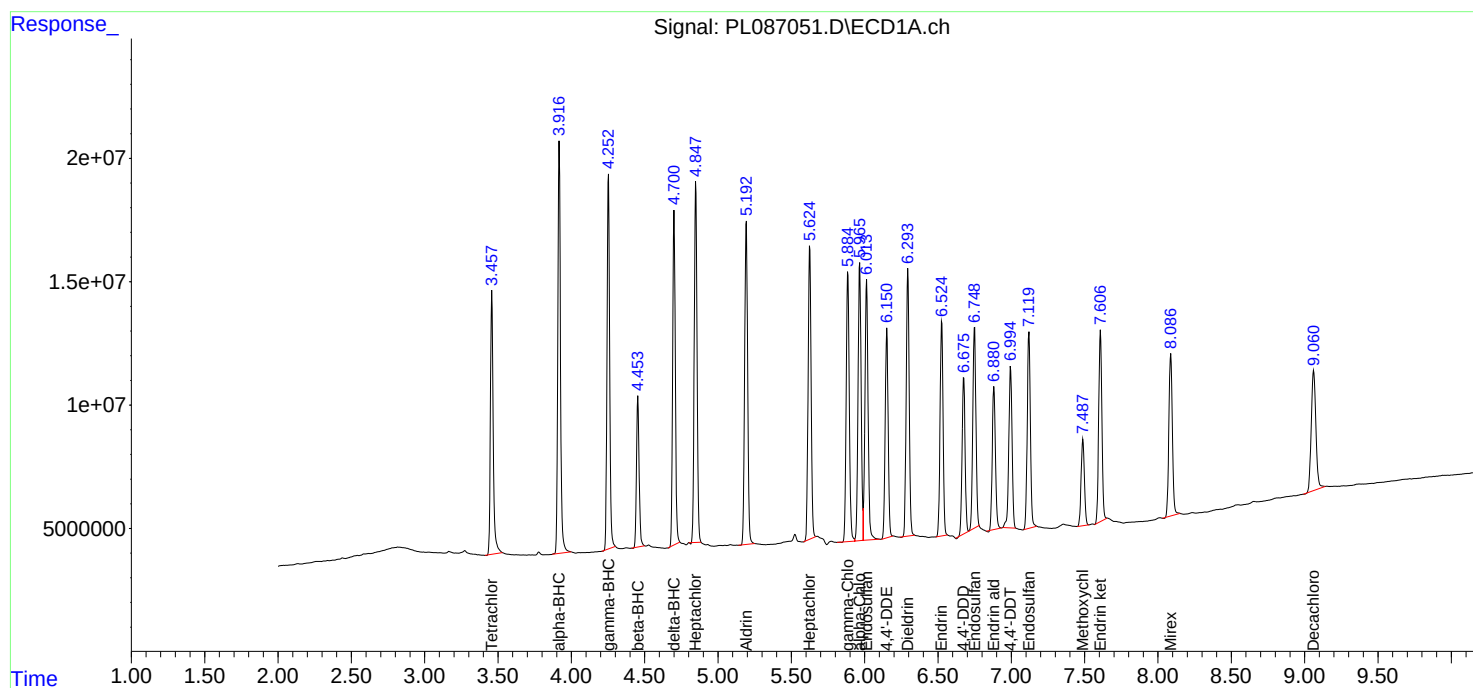
APPROVED

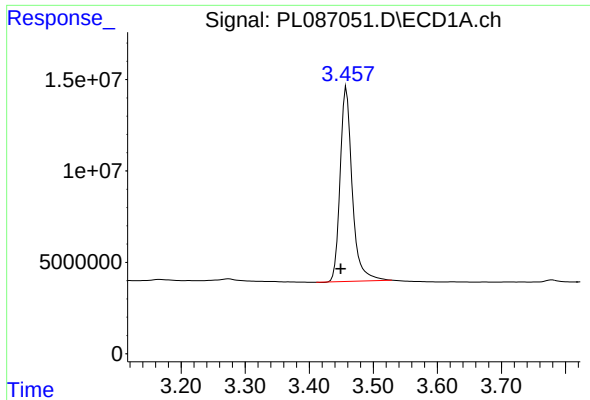
Reviewed By :Abdul Mirza 12/12/2023

Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 15:14:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





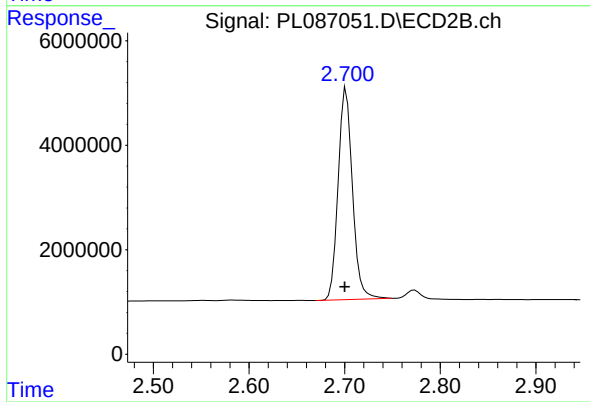
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.009 min
Response: 139574565
Conc: 43.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

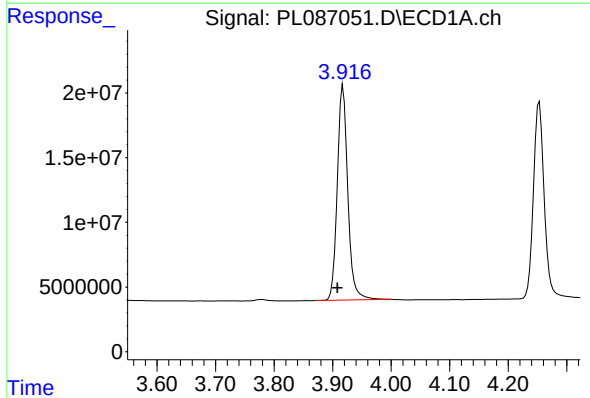
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



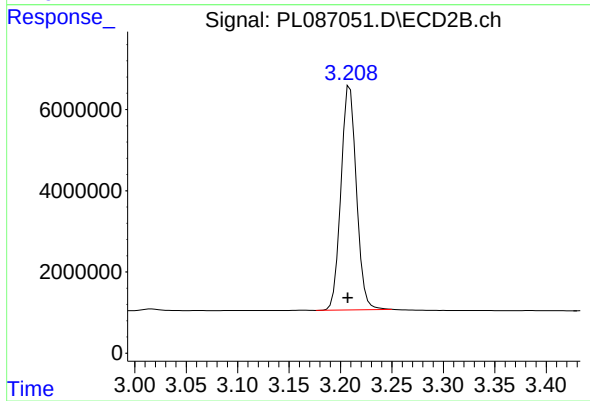
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.002 min
Response: 42144970
Conc: 43.08 ng/ml



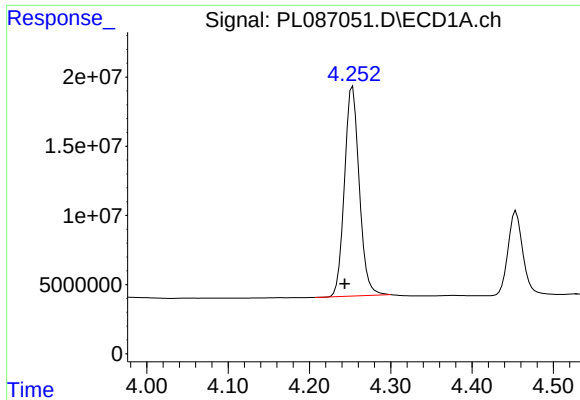
#2 alpha-BHC

R.T.: 3.918 min
Delta R.T.: 0.009 min
Response: 207514313
Conc: 46.11 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 57701353
Conc: 45.02 ng/ml



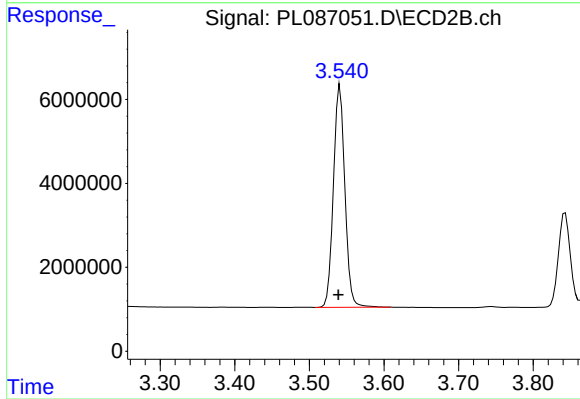
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: 0.010 min
Response: 190942326
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

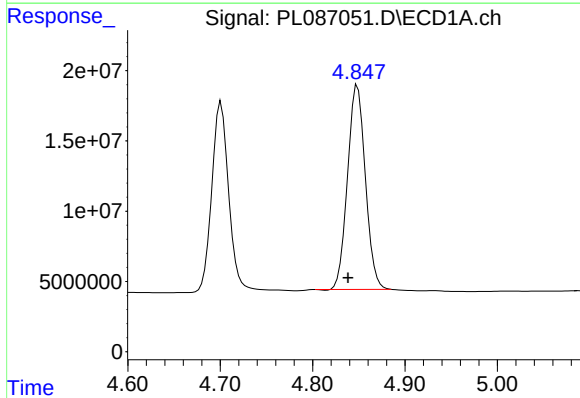
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



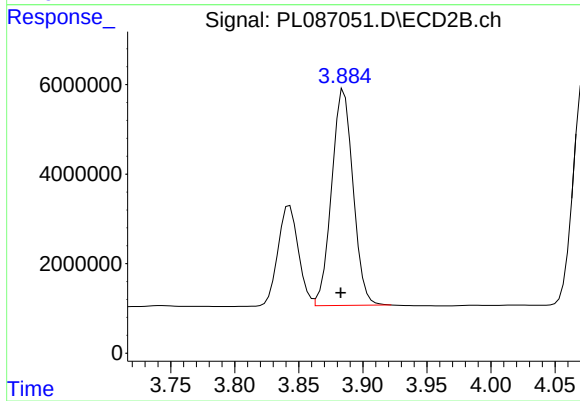
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 56580144
Conc: 44.67 ng/ml



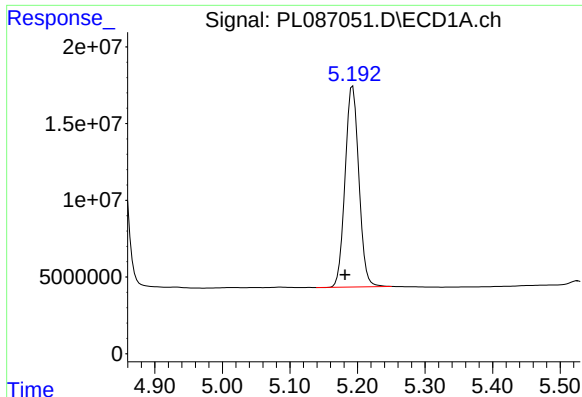
#4 Heptachlor

R.T.: 4.849 min
Delta R.T.: 0.010 min
Response: 195023009
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.003 min
Response: 56158731
Conc: 45.12 ng/ml



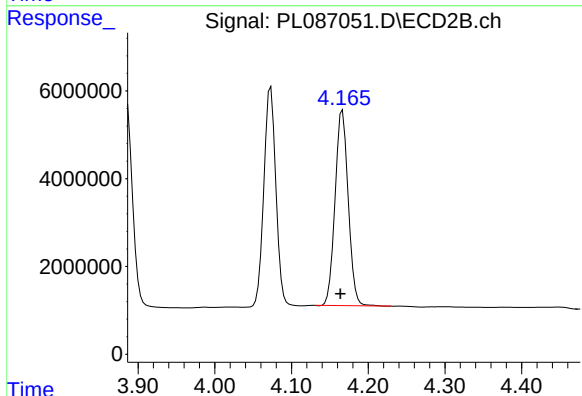
#5 Aldrin

R.T.: 5.193 min
Delta R.T.: 0.011 min
Response: 184928758
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

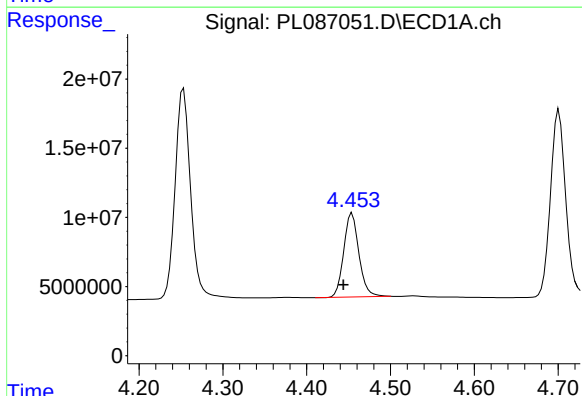
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



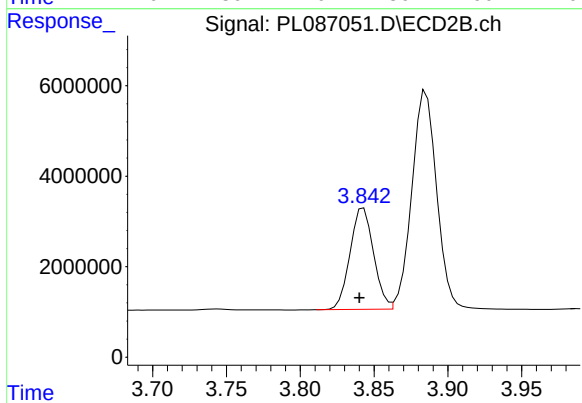
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.003 min
Response: 53024230
Conc: 44.08 ng/ml



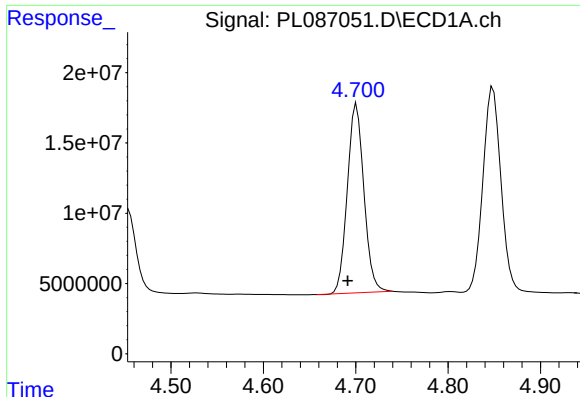
#6 beta-BHC

R.T.: 4.454 min
Delta R.T.: 0.010 min
Response: 76486613
Conc: 44.98 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.003 min
Response: 24863403
Conc: 43.82 ng/ml



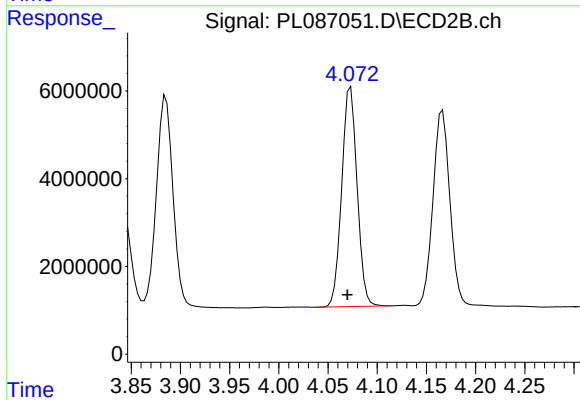
#7 delta-BHC

R.T.: 4.701 min
Delta R.T.: 0.010 min
Response: 168030295
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

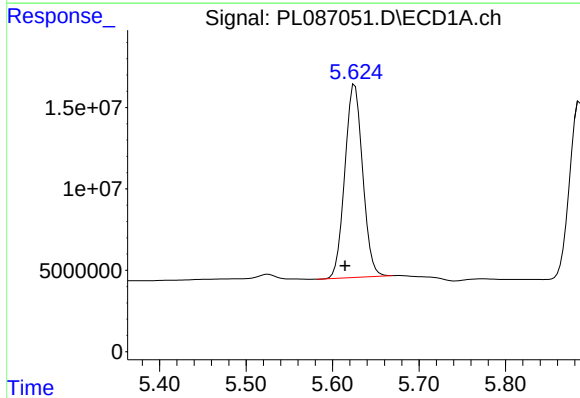
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



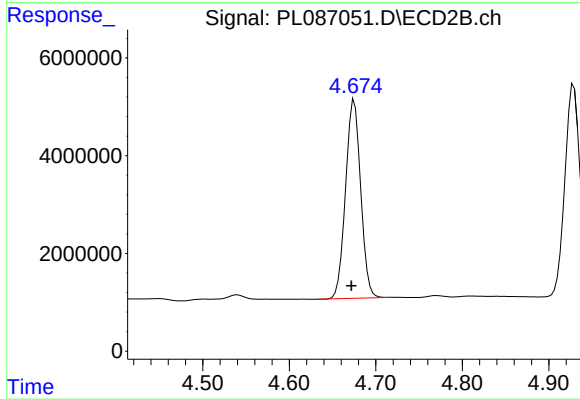
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.003 min
Response: 54431883
Conc: 44.78 ng/ml



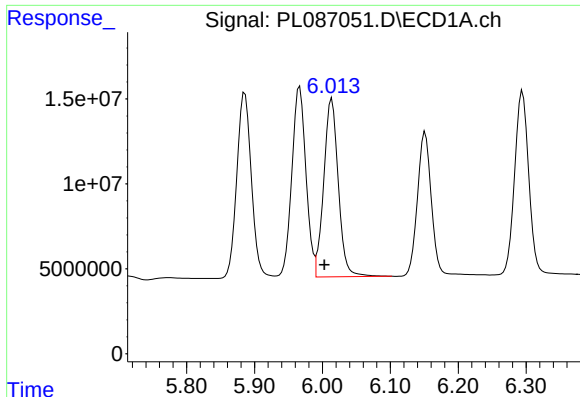
#8 Heptachlor epoxide

R.T.: 5.626 min
Delta R.T.: 0.011 min
Response: 168901210
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 49150576
Conc: 44.50 ng/ml



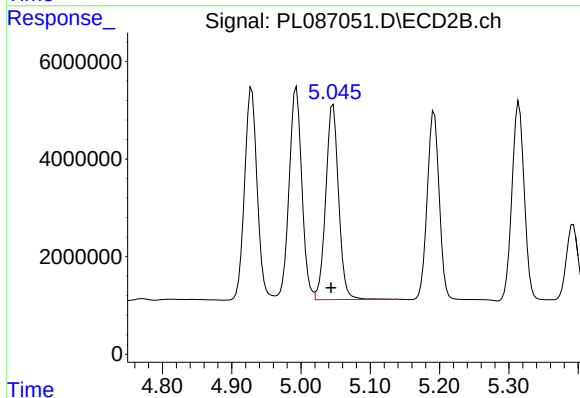
#9 Endosulfan I

R.T.: 6.014 min
Delta R.T.: 0.011 min
Response: 156669778
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

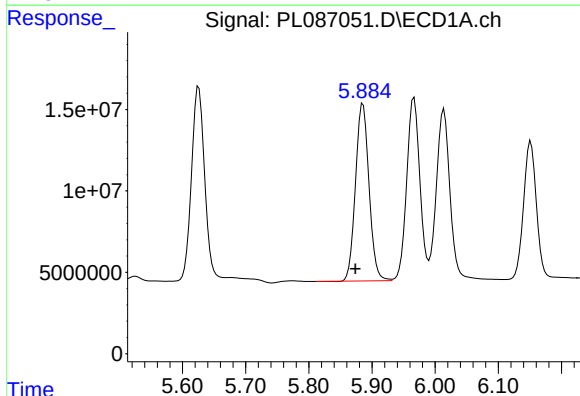
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



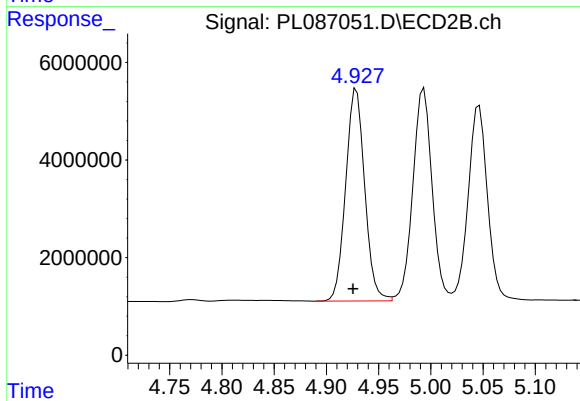
#9 Endosulfan I

R.T.: 5.046 min
Delta R.T.: 0.003 min
Response: 51532828
Conc: 48.48 ng/ml



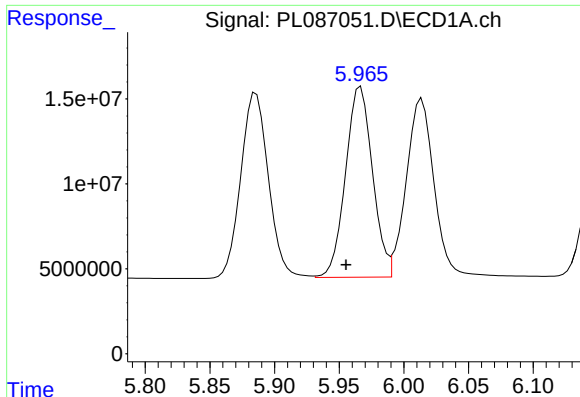
#10 gamma-Chlordane

R.T.: 5.886 min
Delta R.T.: 0.012 min
Response: 162111253
Conc: 47.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.929 min
Delta R.T.: 0.003 min
Response: 54979067
Conc: 51.10 ng/ml



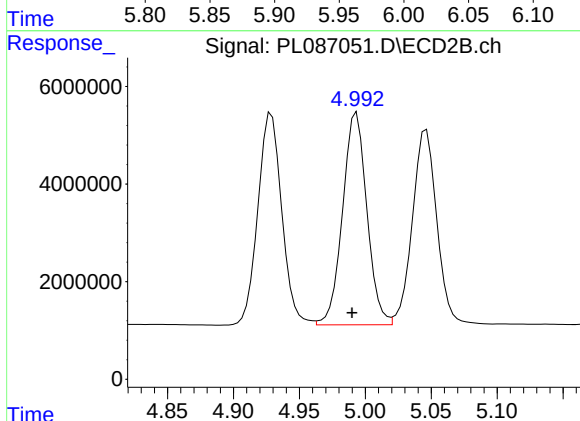
#11 alpha-Chlordane

R.T.: 5.967 min
Delta R.T.: 0.011 min
Response: 162463194
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

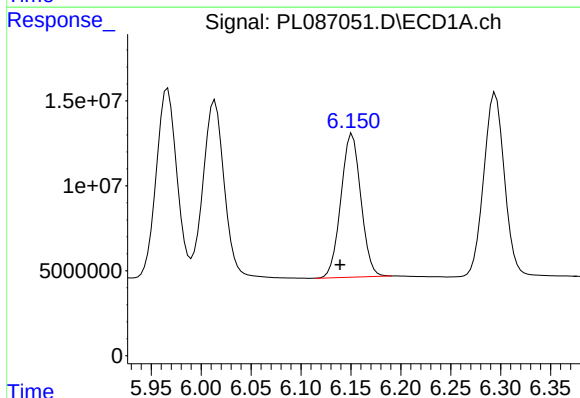
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



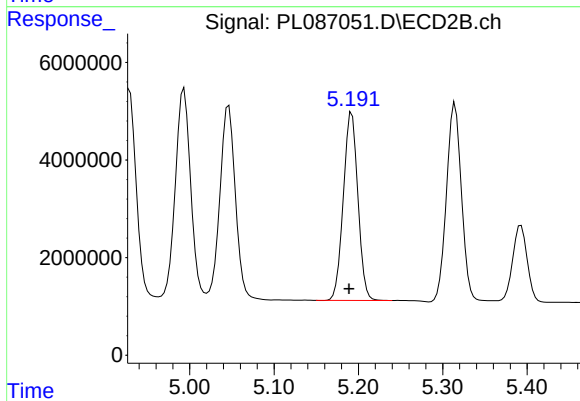
#11 alpha-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.003 min
Response: 55719493
Conc: 50.00 ng/ml



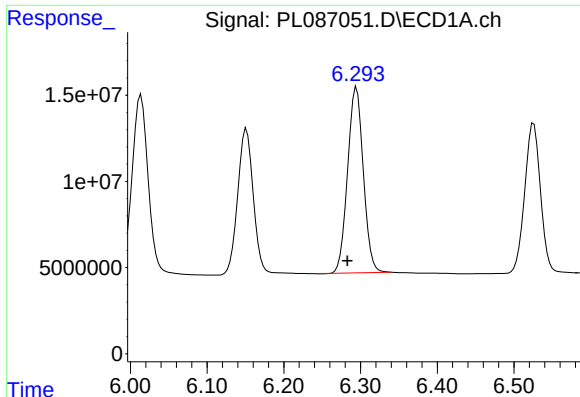
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.011 min
Response: 117735622
Conc: 46.96 ng/ml m



#12 4,4'-DDE

R.T.: 5.192 min
Delta R.T.: 0.003 min
Response: 46276066
Conc: 52.07 ng/ml



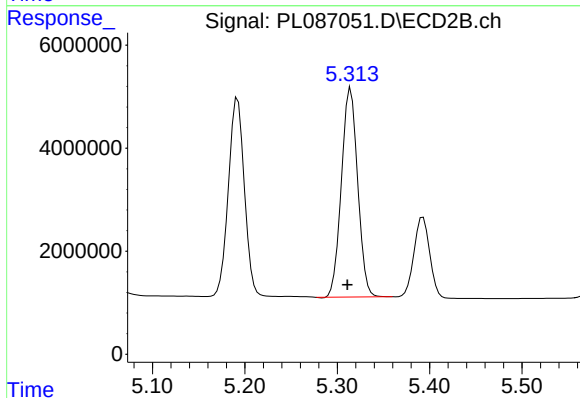
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.012 min
Response: 154457345
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

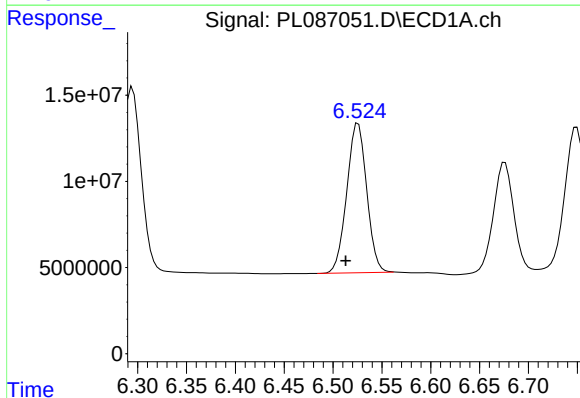
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



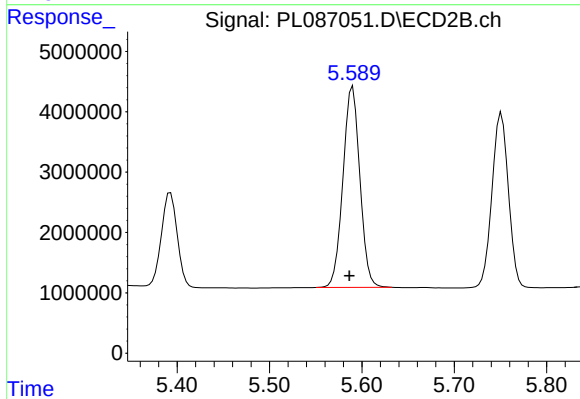
#13 Dieldrin

R.T.: 5.315 min
Delta R.T.: 0.004 min
Response: 49685463
Conc: 49.58 ng/ml



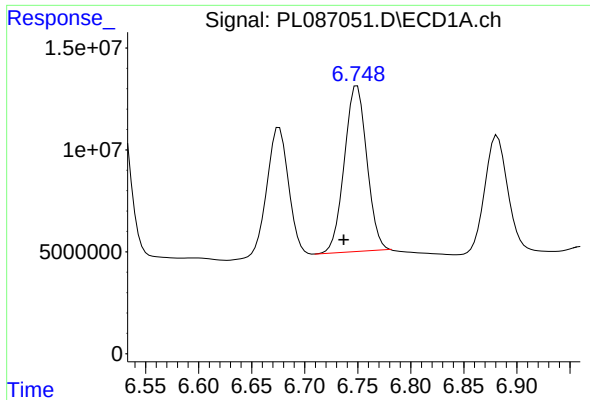
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.013 min
Response: 123226694
Conc: 55.84 ng/ml



#14 Endrin

R.T.: 5.590 min
Delta R.T.: 0.004 min
Response: 42387615
Conc: 51.96 ng/ml



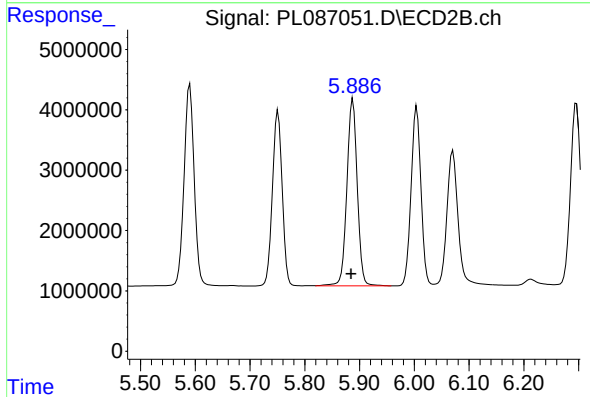
#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: 0.013 min
Response: 120105673
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

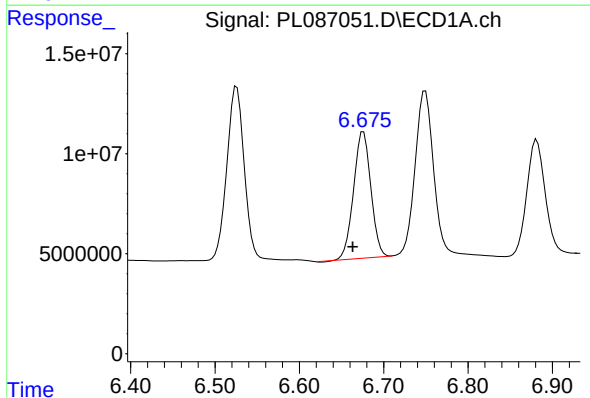
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



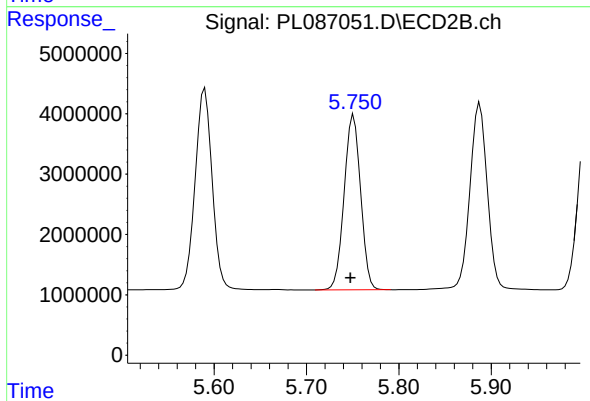
#15 Endosulfan II

R.T.: 5.888 min
Delta R.T.: 0.003 min
Response: 40658080
Conc: 46.19 ng/ml



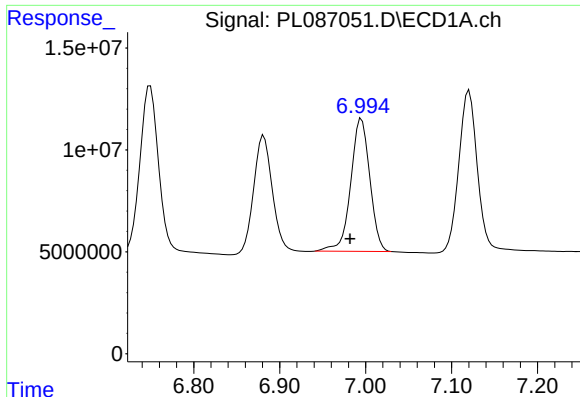
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.013 min
Response: 89528501
Conc: 44.55 ng/ml



#16 4,4'-DDD

R.T.: 5.751 min
Delta R.T.: 0.004 min
Response: 35951729
Conc: 46.37 ng/ml



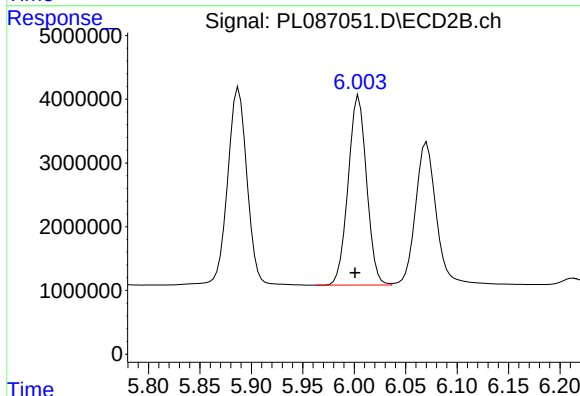
#17 4,4'-DDT

R.T.: 6.994 min
Delta R.T.: 0.012 min
Response: 100759793
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

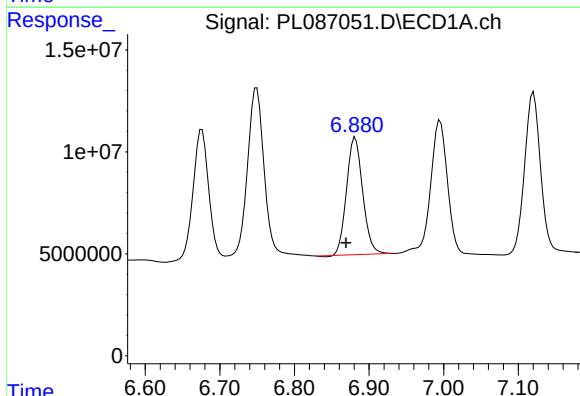
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



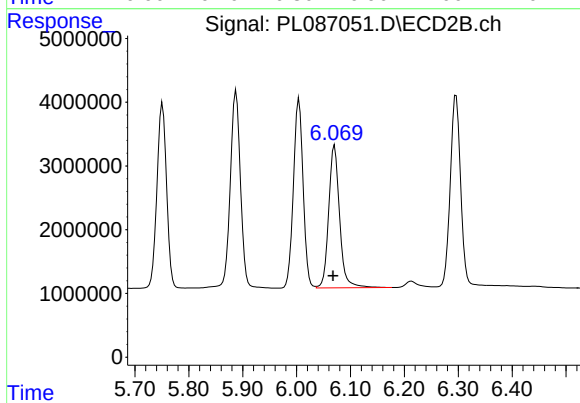
#17 4,4'-DDT

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 37074721
Conc: 48.83 ng/ml



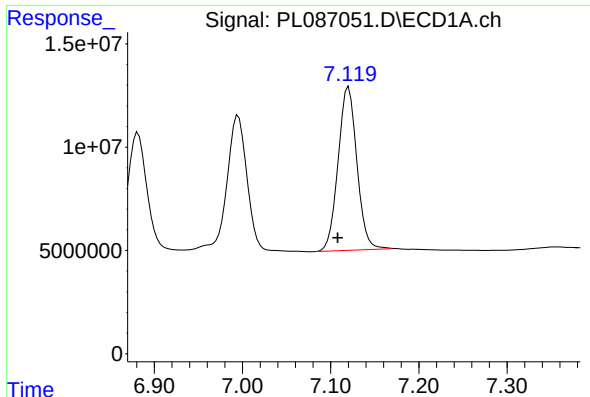
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: 0.012 min
Response: 86331282
Conc: 47.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.070 min
Delta R.T.: 0.003 min
Response: 31497244
Conc: 46.00 ng/ml



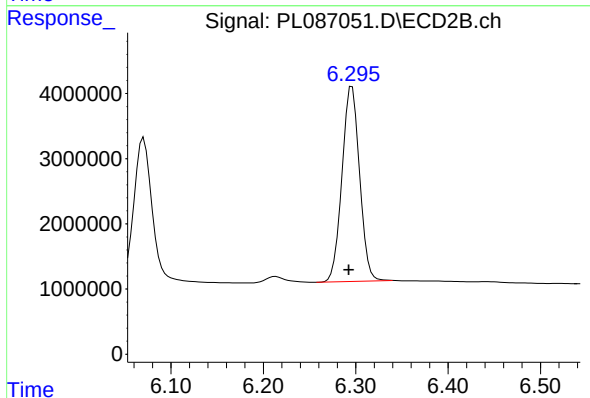
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.011 min
Response: 117444763
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

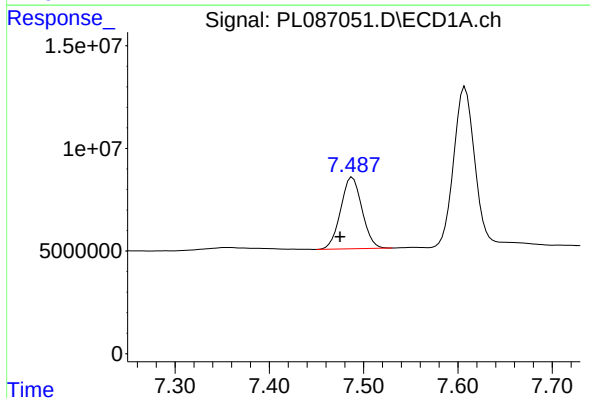
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



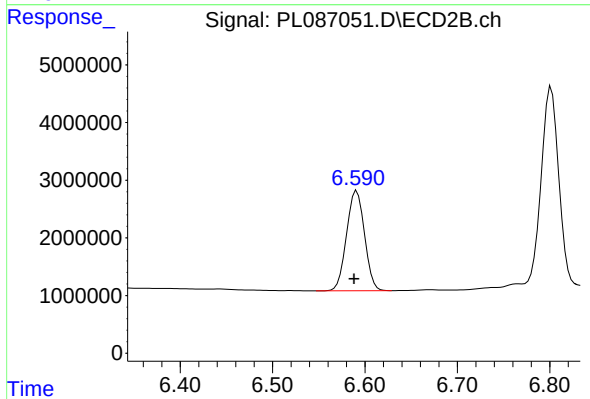
#19 Endosulfan Sulfate

R.T.: 6.296 min
Delta R.T.: 0.004 min
Response: 39587895
Conc: 44.86 ng/ml



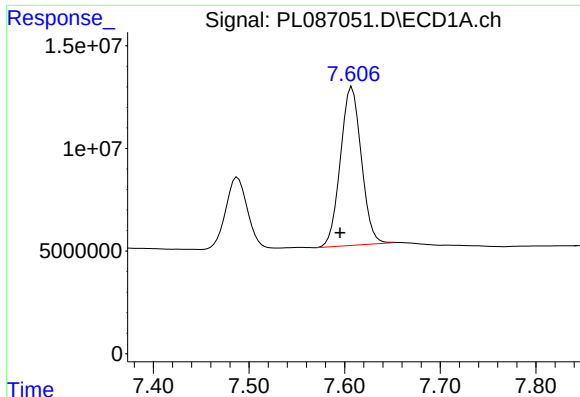
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.013 min
Response: 54786409
Conc: 51.47 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.003 min
Response: 23442274
Conc: 49.03 ng/ml



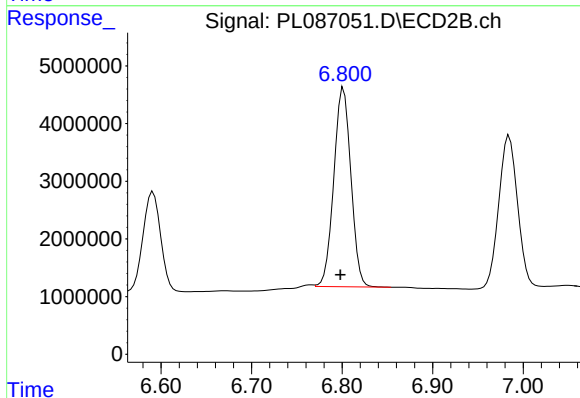
#21 Endrin ketone

R.T.: 7.606 min
Delta R.T.: 0.011 min
Response: 117687064
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

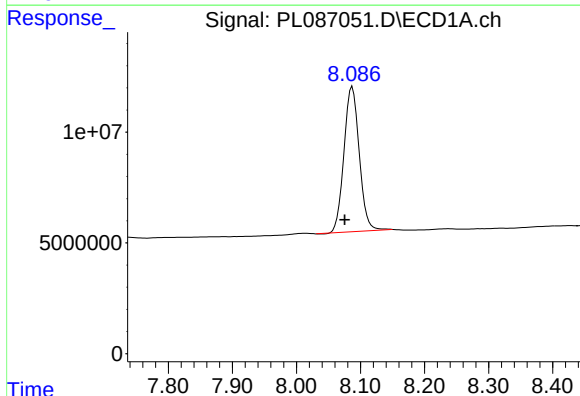
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



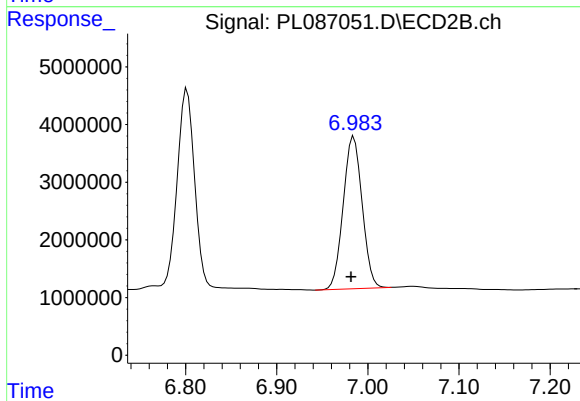
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 45290950
Conc: 44.78 ng/ml m



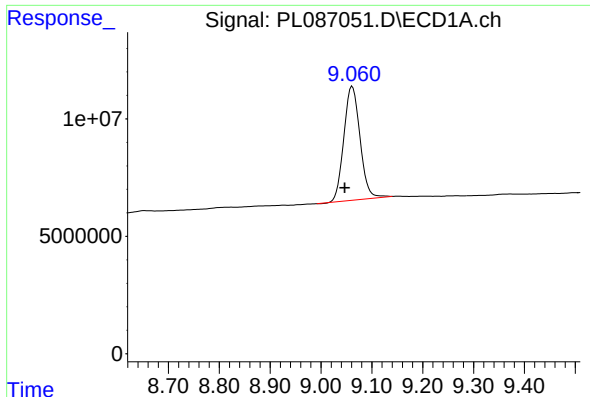
#22 Mirex

R.T.: 8.087 min
Delta R.T.: 0.012 min
Response: 108586714
Conc: 48.21 ng/ml



#22 Mirex

R.T.: 6.985 min
Delta R.T.: 0.003 min
Response: 37996084
Conc: 42.82 ng/ml



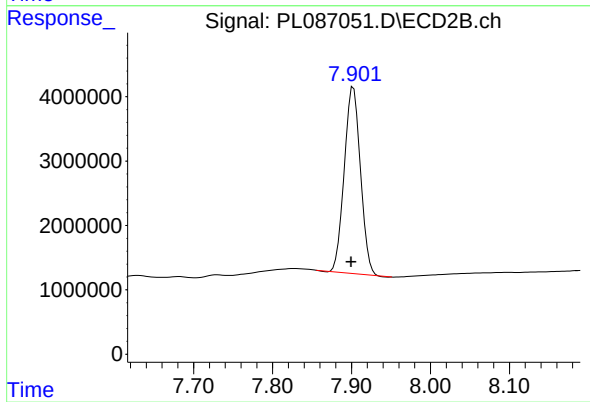
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.015 min
Response: 107633547
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.003 min
Response: 41194891
Conc: 42.81 ng/ml