

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 09:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:25:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.437	2.684	192.2E6	81433156	51.080	48.377
28)	SA Decachlor...	8.998	7.878	149.4E6	72326018	43.820	42.823
Target Compounds							
2)	A alpha-BHC	3.894	3.189	280.7E6	121.1E6	51.853	49.287
3)	MA gamma-BHC...	4.228	3.520	262.5E6	115.9E6	49.954	47.845
4)	MA Heptachlor	4.819	3.863	259.7E6	112.3E6	48.759m	46.989
5)	MB Aldrin	5.163	4.144	251.8E6	109.9E6	48.369m	45.821
6)	B beta-BHC	4.427	3.822	106.4E6	47044764	46.338	45.192
7)	B delta-BHC	4.674	4.051	248.9E6	111.9E6	47.594	45.740
8)	B Heptachlo...	5.595	4.652	221.2E6	98555633	46.927	44.289
9)	A Endosulfan I	5.981	5.024	204.1E6	91534146	45.702	42.354
10)	B gamma-Chl...	5.852	4.906	222.1E6	99021080	45.814	43.291
11)	B alpha-Chl...	5.933	4.970	218.8E6	99119725	45.522	42.946
12)	B 4,4'-DDE	6.114	5.168	183.5E6	84899712	44.285	42.759
13)	MA Dieldrin	6.258	5.292	210.5E6	96728595	45.351	43.420
14)	MA Endrin	6.489	5.566	171.9E6	85498246	44.673	42.843
15)	B Endosulfa...	6.709	5.864	171.6E6	80991660	42.791m	41.598
16)	A 4,4'-DDD	6.634	5.727	148.5E6	70519265	44.941	42.591
17)	MA 4,4'-DDT	6.951	5.980	162.1E6	80244462	43.117	43.509
18)	B Endrin al...	6.841	6.047	124.6E6	60996924	42.985	41.562
19)	B Endosulfa...	7.078	6.272	166.7E6	78137576	42.462	41.478
20)	A Methoxychlor	7.436	6.566	84378635	41425165	43.273	40.558
21)	B Endrin ke...	7.565	6.778	175.4E6	89234285	43.124	41.920
22)	Mirex	8.041	6.960	144.2E6	72493989	42.809	40.747

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 09:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

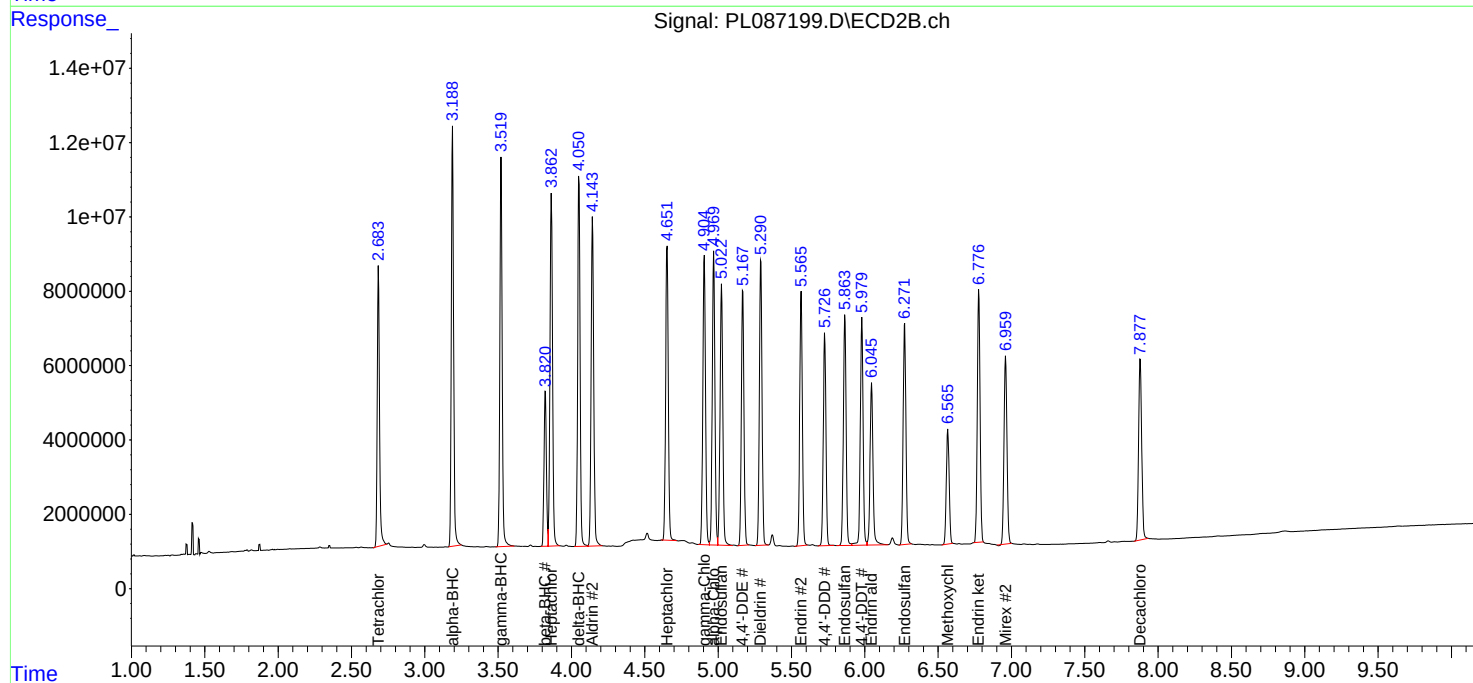
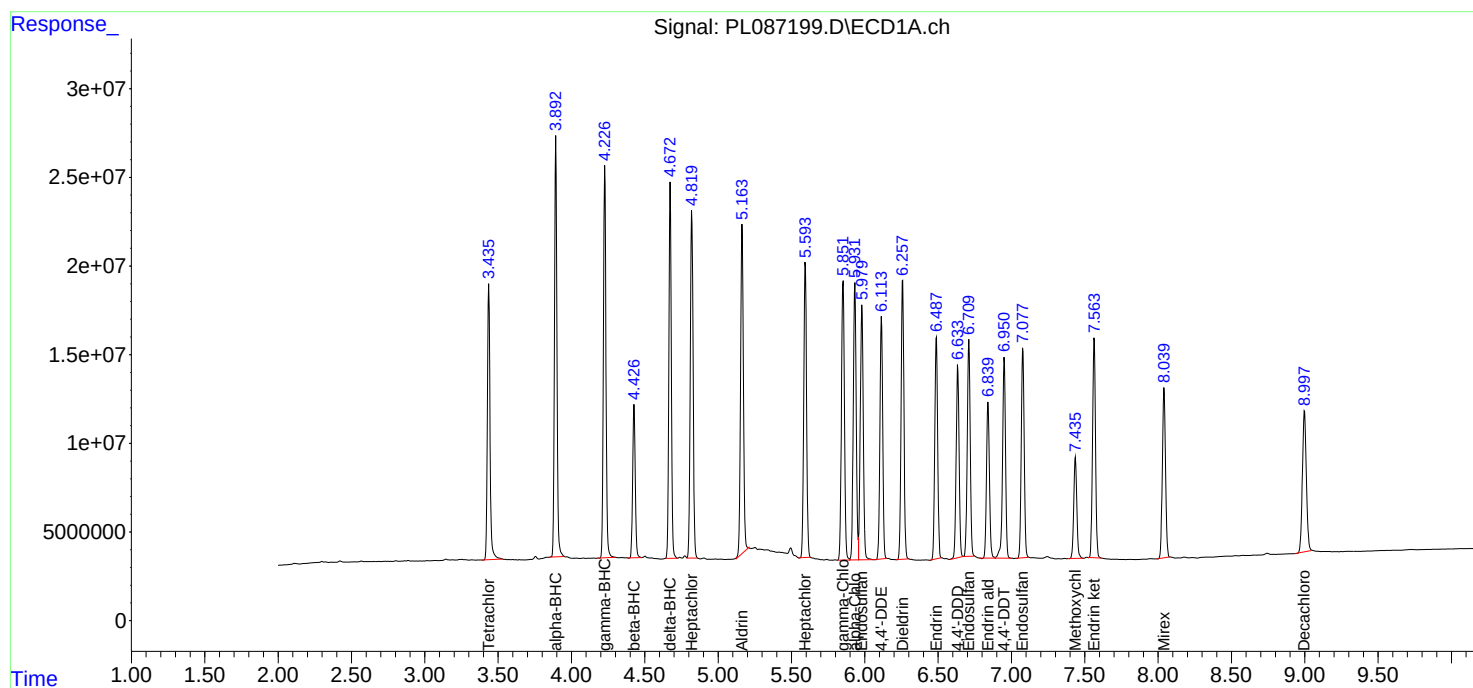
APPROVED

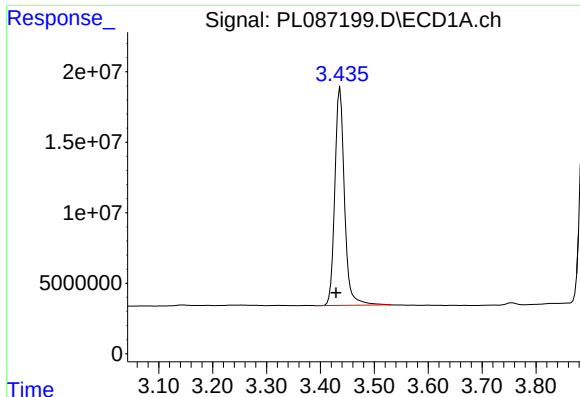
Reviewed By :Abdul Mirza 12/18/2023

Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:25:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





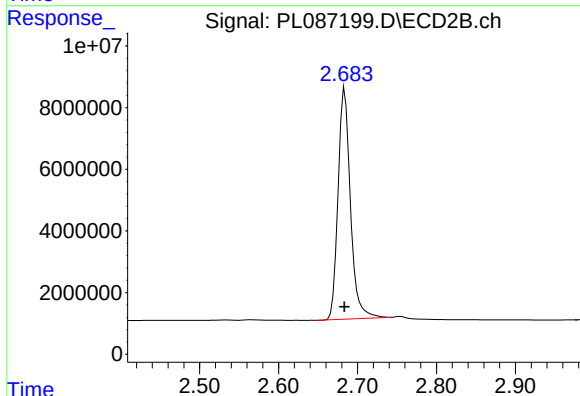
#1 Tetrachloro-m-xylene

R.T.: 3.437 min
Delta R.T.: 0.008 min
Response: 192235562
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

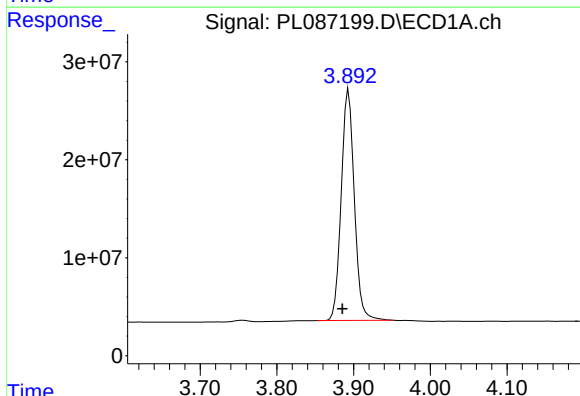
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



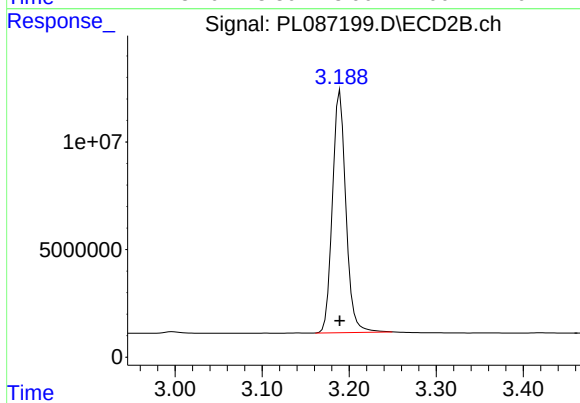
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 81433156
Conc: 48.38 ng/ml



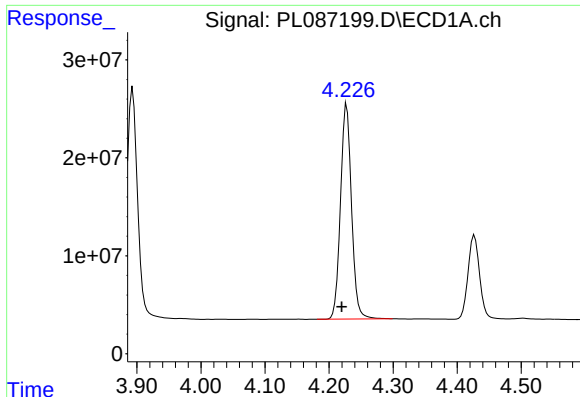
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.008 min
Response: 280737053
Conc: 51.85 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 121127221
Conc: 49.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.228 min
Delta R.T.: 0.008 min
Response: 262541253
Conc: 49.95 ng/ml

Instrument :

ECD_L

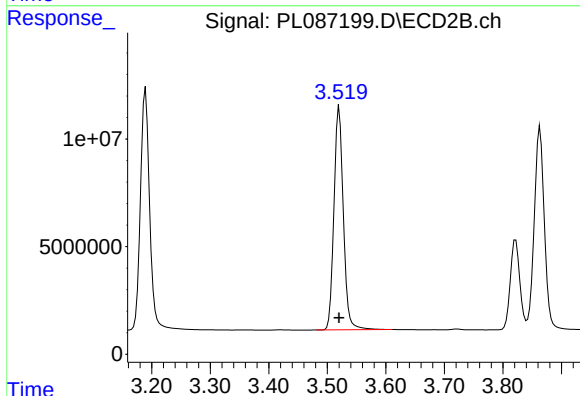
ClientSampleId :

PSTDCCC050

Manual Integrations

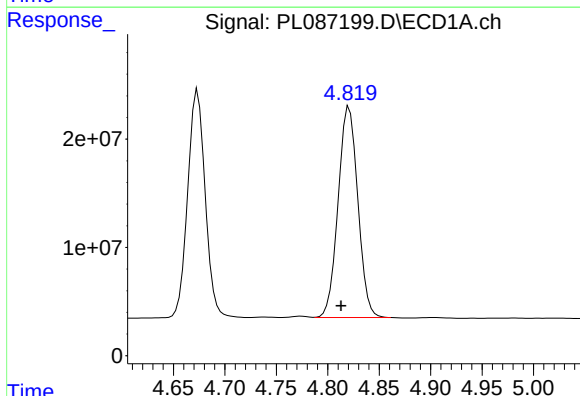
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



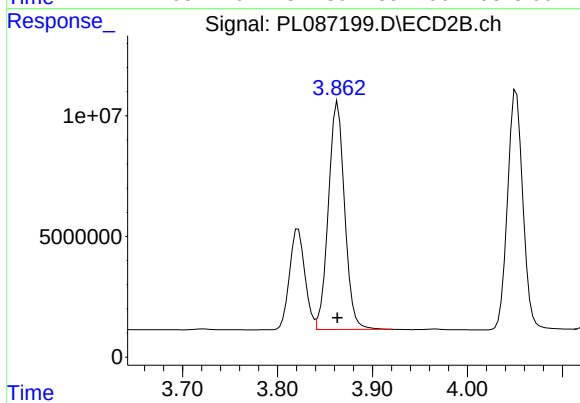
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 115899477
Conc: 47.84 ng/ml



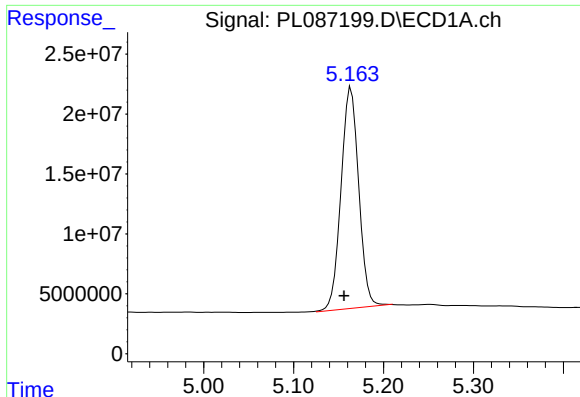
#4 Heptachlor

R.T.: 4.819 min
Delta R.T.: 0.007 min
Response: 259718017
Conc: 48.76 ng/ml m



#4 Heptachlor

R.T.: 3.863 min
Delta R.T.: 0.000 min
Response: 112316913
Conc: 46.99 ng/ml



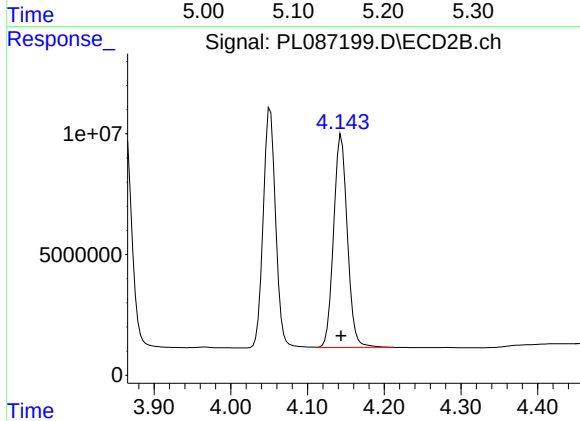
#5 Aldrin

R.T.: 5.163 min
Delta R.T.: 0.006 min
Response: 251830955
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

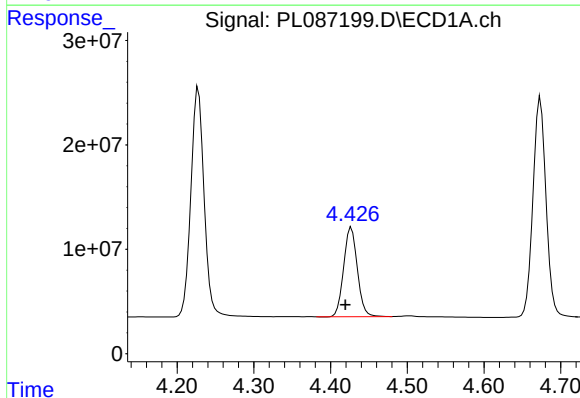
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



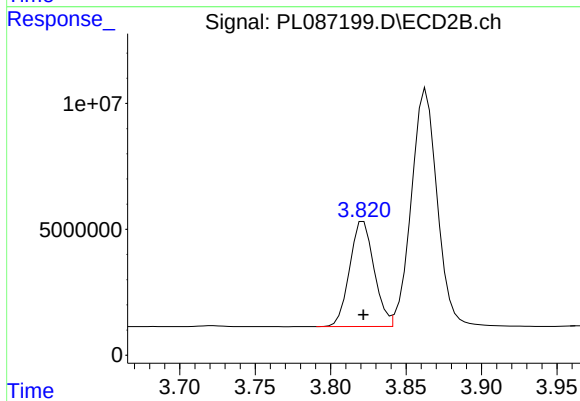
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 109867813
Conc: 45.82 ng/ml



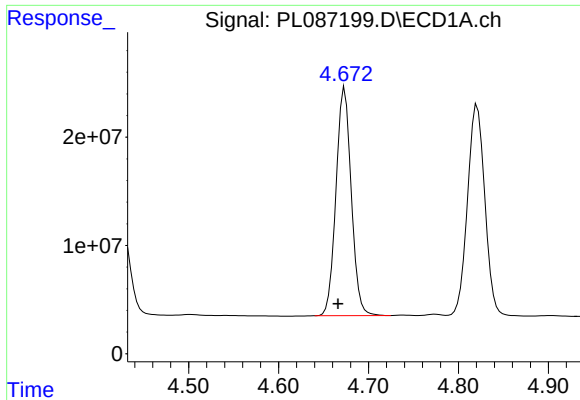
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.007 min
Response: 106427586
Conc: 46.34 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 47044764
Conc: 45.19 ng/ml



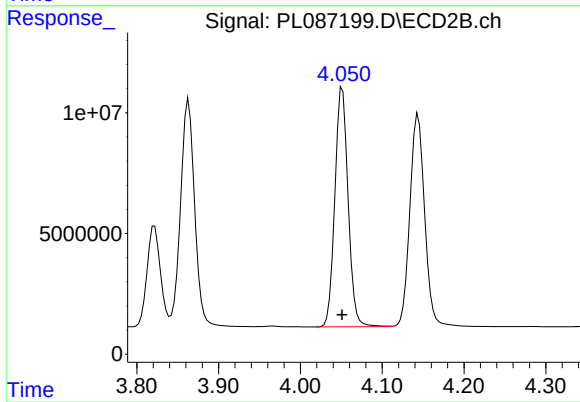
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.007 min
Response: 248890298
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

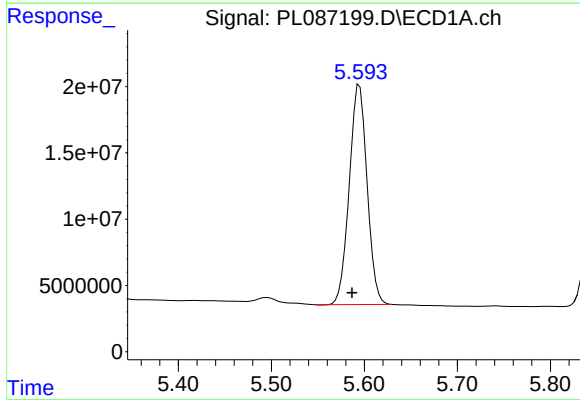
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



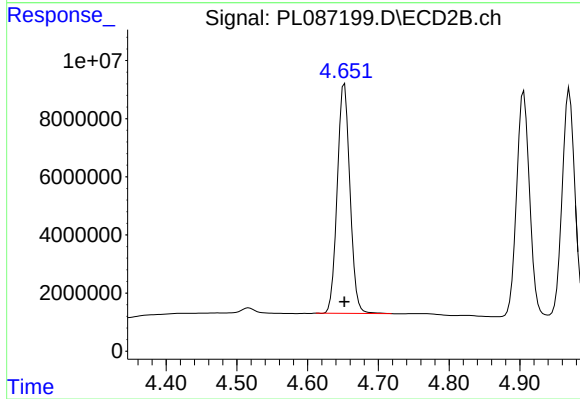
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 111889562
Conc: 45.74 ng/ml



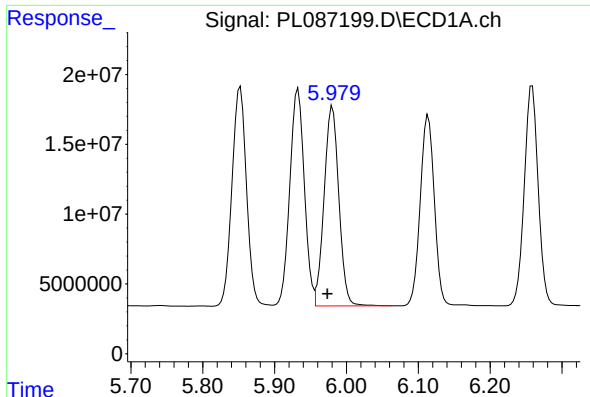
#8 Heptachlor epoxide

R.T.: 5.595 min
Delta R.T.: 0.008 min
Response: 221157027
Conc: 46.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 98555633
Conc: 44.29 ng/ml



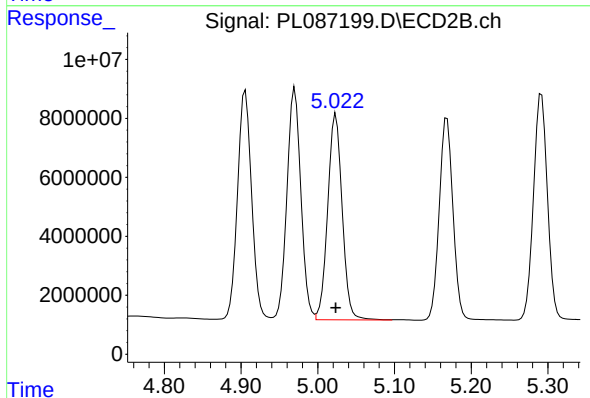
#9 Endosulfan I

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 204119093
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

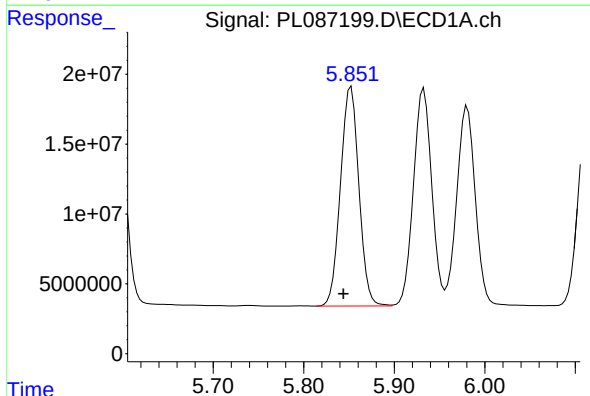
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



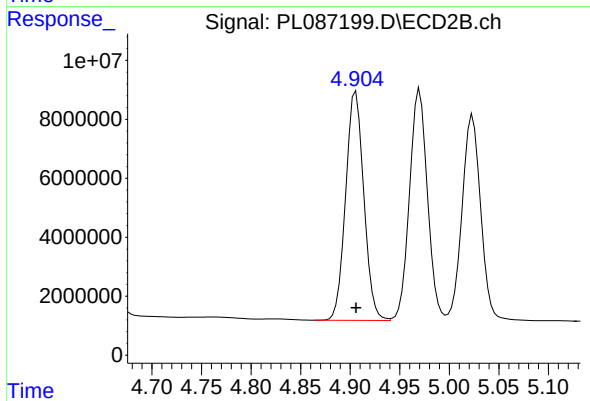
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 91534146
Conc: 42.35 ng/ml



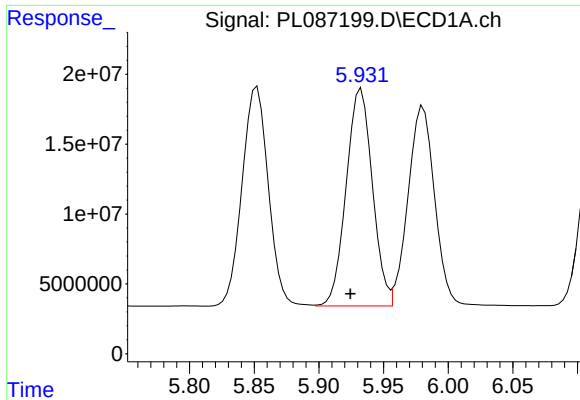
#10 gamma-Chlordane

R.T.: 5.852 min
Delta R.T.: 0.009 min
Response: 222108170
Conc: 45.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 99021080
Conc: 43.29 ng/ml



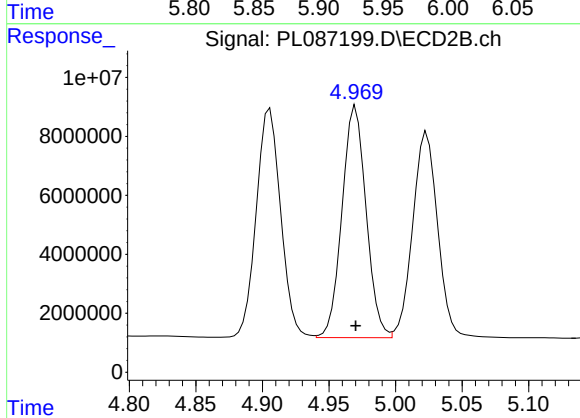
#11 alpha-Chlordane

R.T.: 5.933 min
Delta R.T.: 0.008 min
Response: 218784808
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

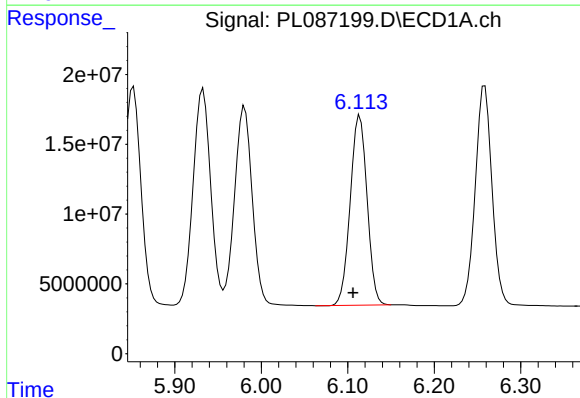
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



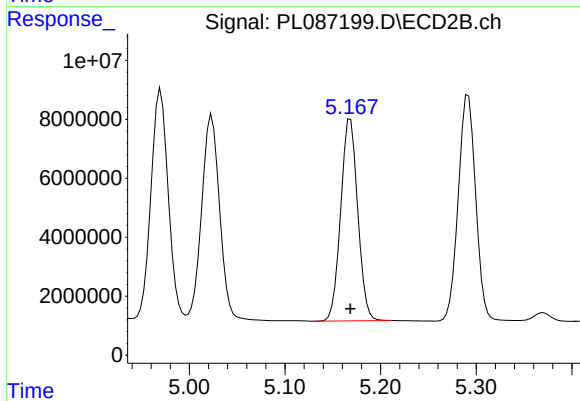
#11 alpha-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 99119725
Conc: 42.95 ng/ml



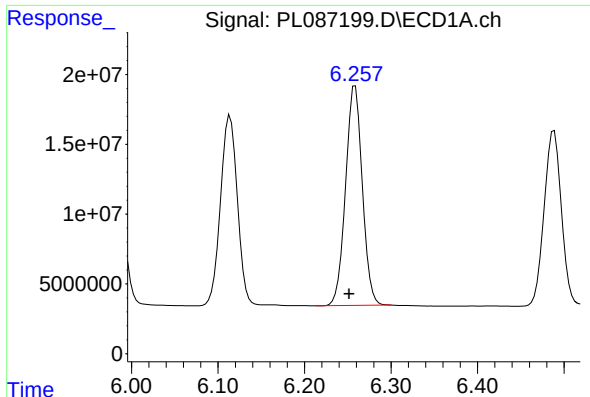
#12 4,4'-DDE

R.T.: 6.114 min
Delta R.T.: 0.008 min
Response: 183520798
Conc: 44.29 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 84899712
Conc: 42.76 ng/ml



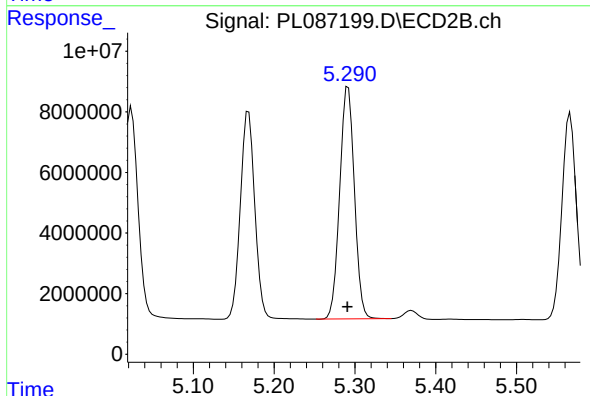
#13 Dieldrin

R.T.: 6.258 min
Delta R.T.: 0.007 min
Response: 210471431
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

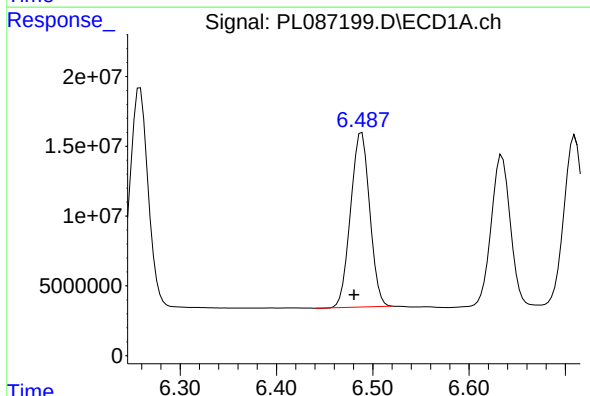
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



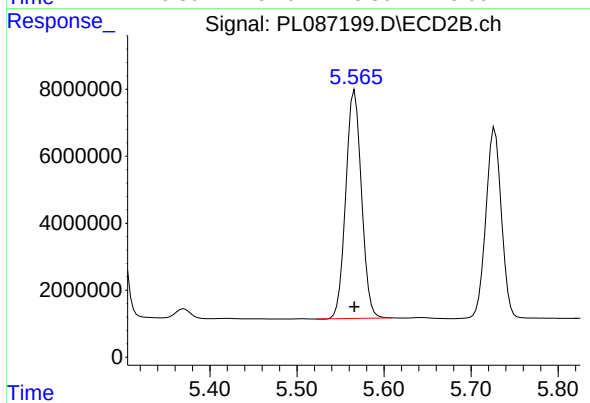
#13 Dieldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 96728595
Conc: 43.42 ng/ml



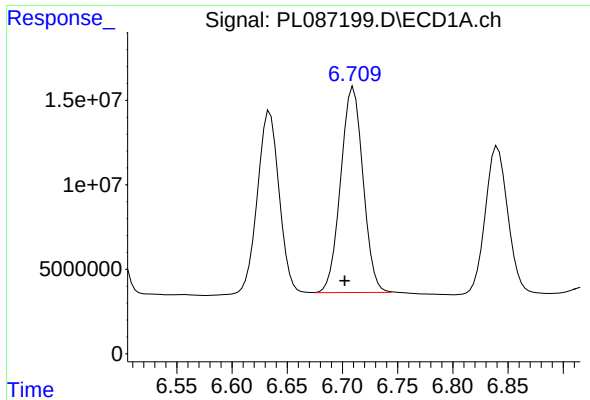
#14 Endrin

R.T.: 6.489 min
Delta R.T.: 0.008 min
Response: 171872115
Conc: 44.67 ng/ml



#14 Endrin

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 85498246
Conc: 42.84 ng/ml



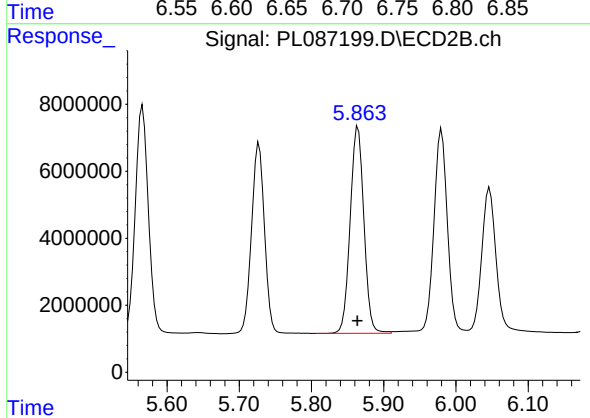
#15 Endosulfan II

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 171610052
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

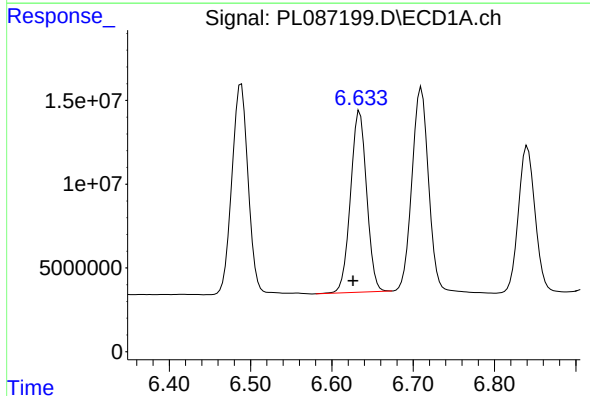
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



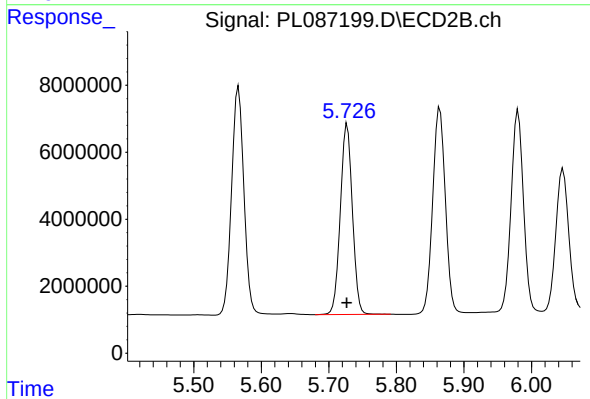
#15 Endosulfan II

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 80991660
Conc: 41.60 ng/ml



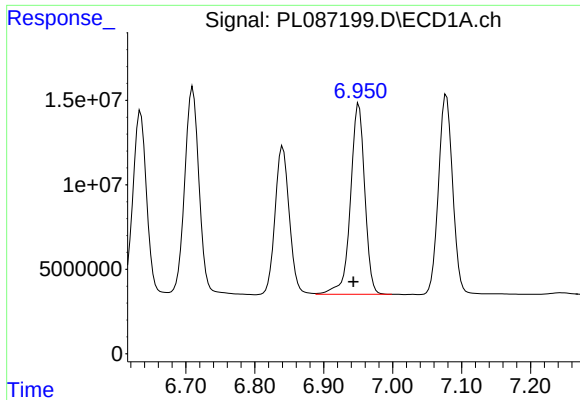
#16 4,4'-DDD

R.T.: 6.634 min
Delta R.T.: 0.008 min
Response: 148534157
Conc: 44.94 ng/ml



#16 4,4'-DDD

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 70519265
Conc: 42.59 ng/ml



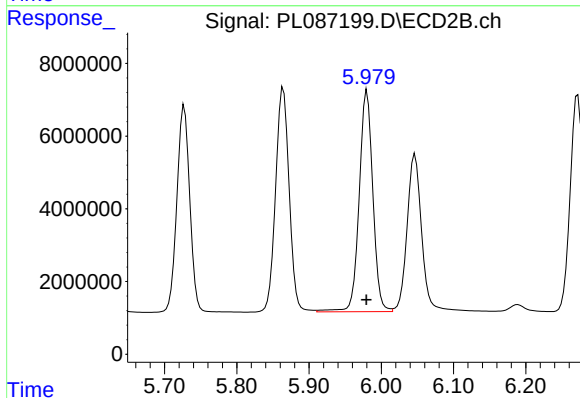
#17 4,4'-DDT

R.T.: 6.951 min
Delta R.T.: 0.008 min
Response: 162129858
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

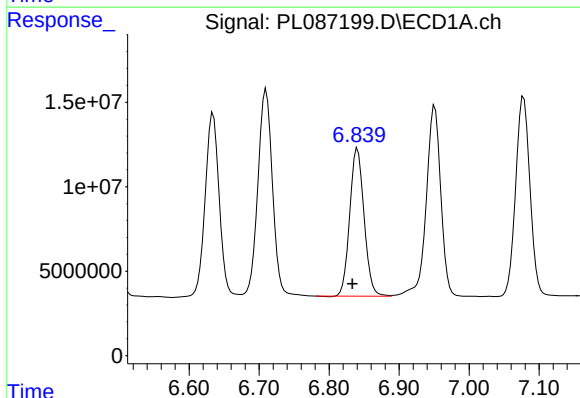
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



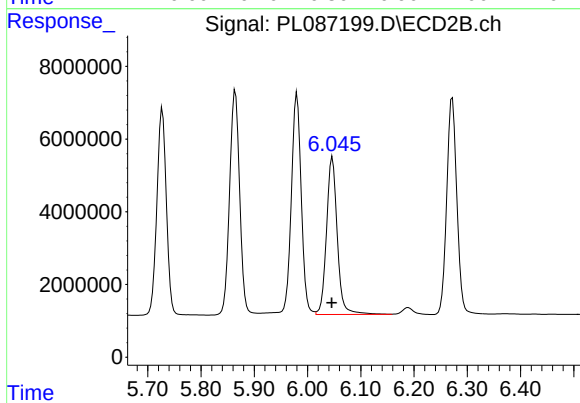
#17 4,4'-DDT

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 80244462
Conc: 43.51 ng/ml



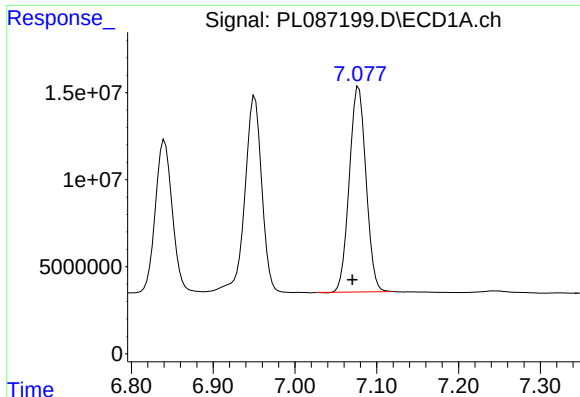
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: 0.007 min
Response: 124586248
Conc: 42.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 60996924
Conc: 41.56 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: 0.008 min
Response: 166739968
Conc: 42.46 ng/ml

Instrument :

ECD_L

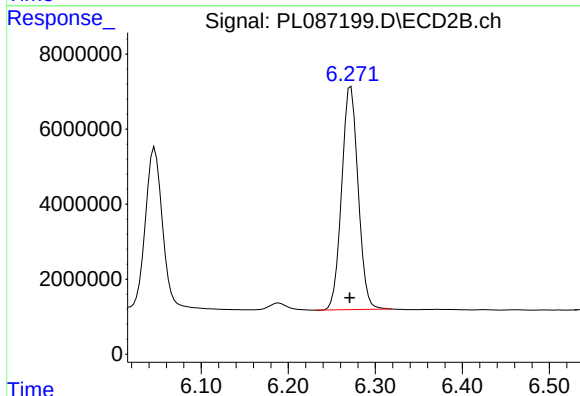
ClientSampleId :

PSTDCCC050

Manual Integrations

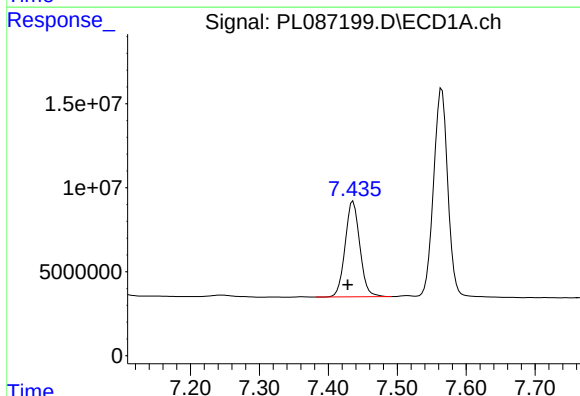
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



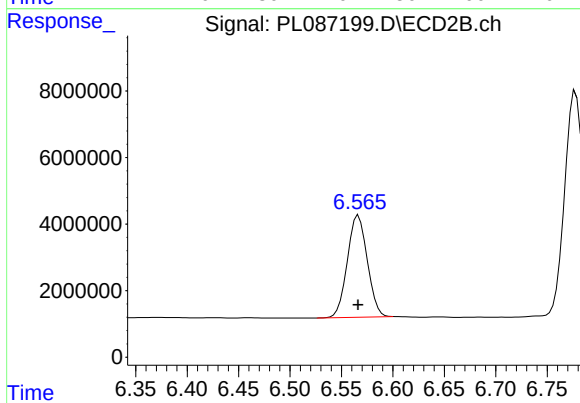
#19 Endosulfan Sulfate

R.T.: 6.272 min
Delta R.T.: 0.001 min
Response: 78137576
Conc: 41.48 ng/ml



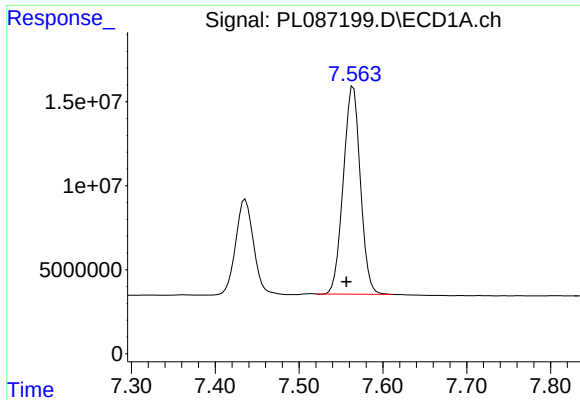
#20 Methoxychlor

R.T.: 7.436 min
Delta R.T.: 0.008 min
Response: 84378635
Conc: 43.27 ng/ml



#20 Methoxychlor

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 41425165
Conc: 40.56 ng/ml



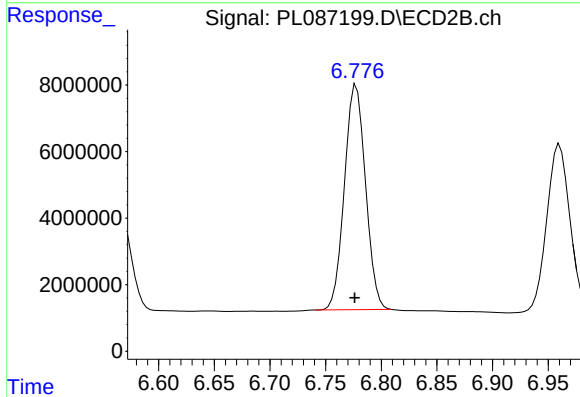
#21 Endrin ketone

R.T.: 7.565 min
Delta R.T.: 0.008 min
Response: 175438246
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

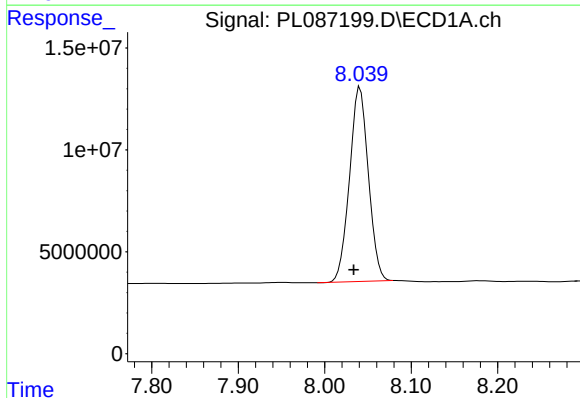
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



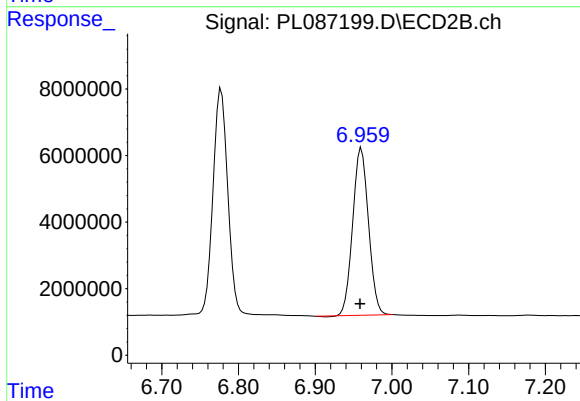
#21 Endrin ketone

R.T.: 6.778 min
Delta R.T.: 0.001 min
Response: 89234285
Conc: 41.92 ng/ml



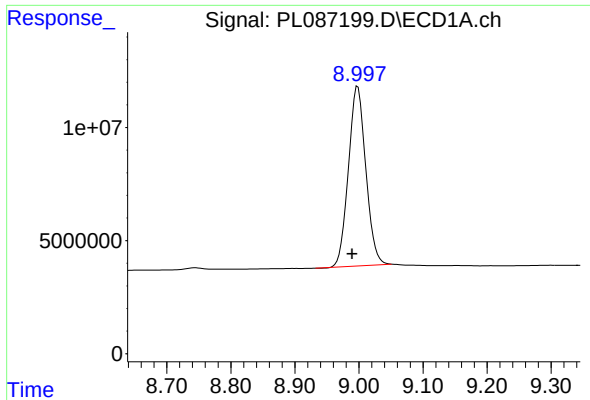
#22 Mirex

R.T.: 8.041 min
Delta R.T.: 0.007 min
Response: 144179717
Conc: 42.81 ng/ml



#22 Mirex

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 72493989
Conc: 40.75 ng/ml



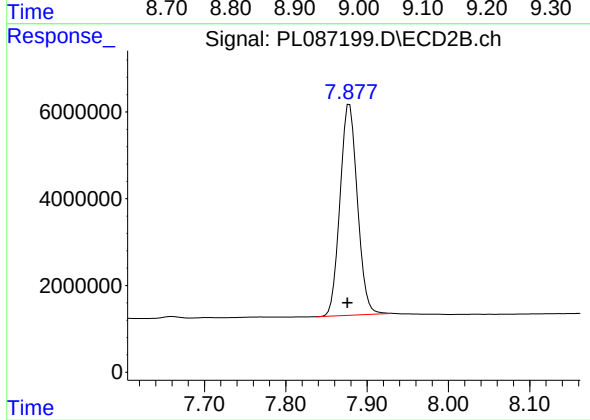
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.009 min
Response: 149423181
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



#28 Decachlorobiphenyl

R.T.: 7.878 min
Delta R.T.: 0.003 min
Response: 72326018
Conc: 42.82 ng/ml