

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
 Data File : PL078947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 11:15
 Operator : AR\AJ
 Sample : PB148880BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148880BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:52:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.328	2.569	31837074	40830957	16.695	15.992
28)	SA Decachlor...	8.775	7.638	28079721	37070584	18.666	19.572
Target Compounds							
2)	A alpha-BHC	3.789	3.056	144.8E6	178.3E6	50.444	45.159
3)	MA gamma-BHC...	4.122	3.377	134.6E6	164.3E6	50.380	45.701
4)	MA Heptachlor	4.692	3.704	140.5E6	163.4E6	54.135	47.113
5)	MB Aldrin	5.030	3.977	132.5E6	164.6E6	53.501	46.993
6)	B beta-BHC	4.337	3.678	56429966	62936796	48.986	43.863
7)	B delta-BHC	4.577	3.897	117.2E6	166.1E6	51.456	45.610
8)	B Heptachlo...	5.463	4.473	120.8E6	142.1E6	56.897	47.169
9)	A Endosulfan I	5.847	4.835	112.3E6	134.4E6	52.613	46.949
10)	B gamma-Chl...	5.718	4.721	122.6E6	142.7E6	54.311	46.574
11)	B alpha-Chl...	5.795	4.783	121.9E6	139.7E6	52.704	46.860
12)	B 4,4'-DDE	5.978	4.977	106.7E6	132.6E6	53.296	48.689
13)	MA Dieldrin	6.124	5.097	116.3E6	144.0E6	53.925	48.598
14)	MA Endrin	6.355	5.368	98887532	128.4E6	52.106	49.283
15)	B Endosulfa...	6.585	5.664	93912053	121.9E6	50.055	53.533
16)	A 4,4'-DDD	6.503	5.528	88159257	111.9E6	52.884	50.951
17)	MA 4,4'-DDT	6.812	5.773	91977968	113.0E6	51.318	52.081m
18)	B Endrin al...	6.716	5.843	80635702	97598825	55.417	52.003
19)	B Endosulfa...	6.948	6.065	97568230	122.8E6	53.028	51.587
20)	A Methoxychlor	7.296	6.351	49038223	60381375	53.251	53.209
21)	B Endrin ke...	7.434	6.561	102.1E6	141.6E6	54.256	54.794
22)	Mirex	7.890	6.733	73333211	97929713	50.234	49.762

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
Data File : PL078947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2022 11:15
Operator : AR\AJ
Sample : PB148880BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

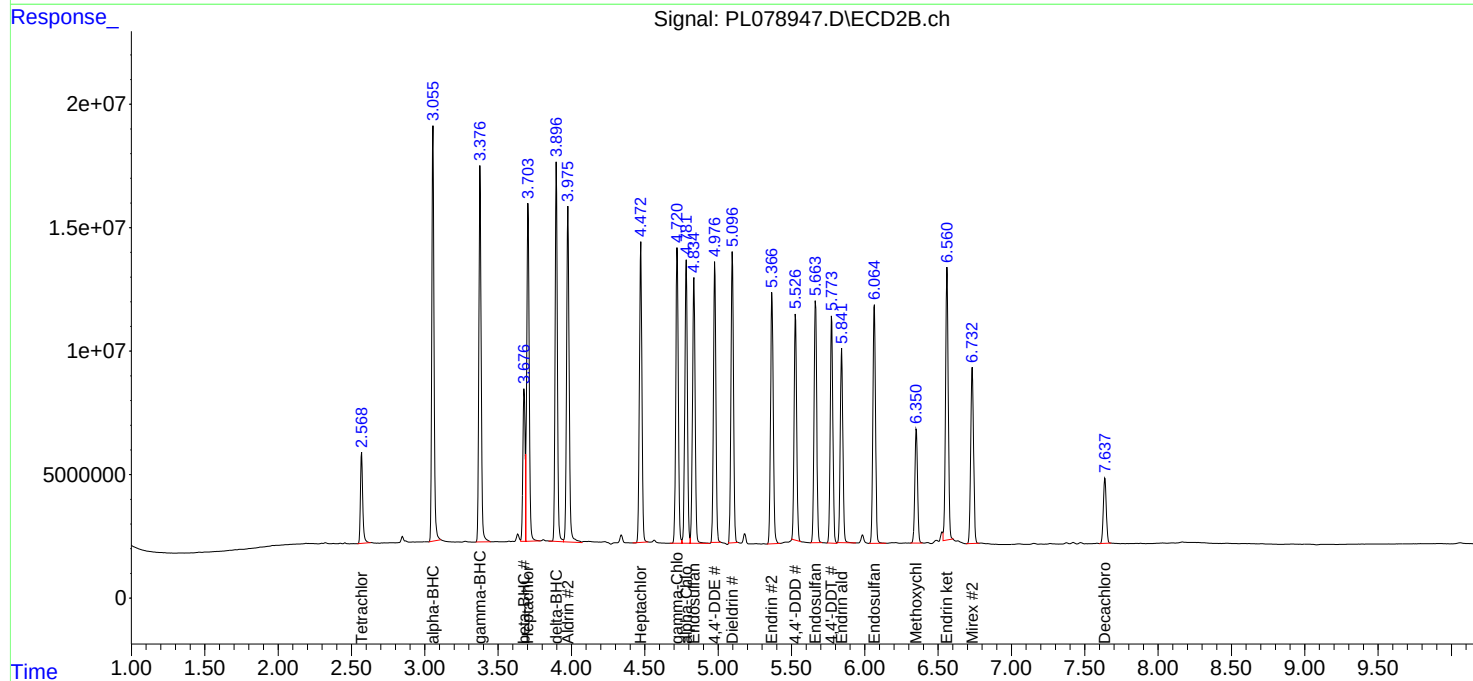
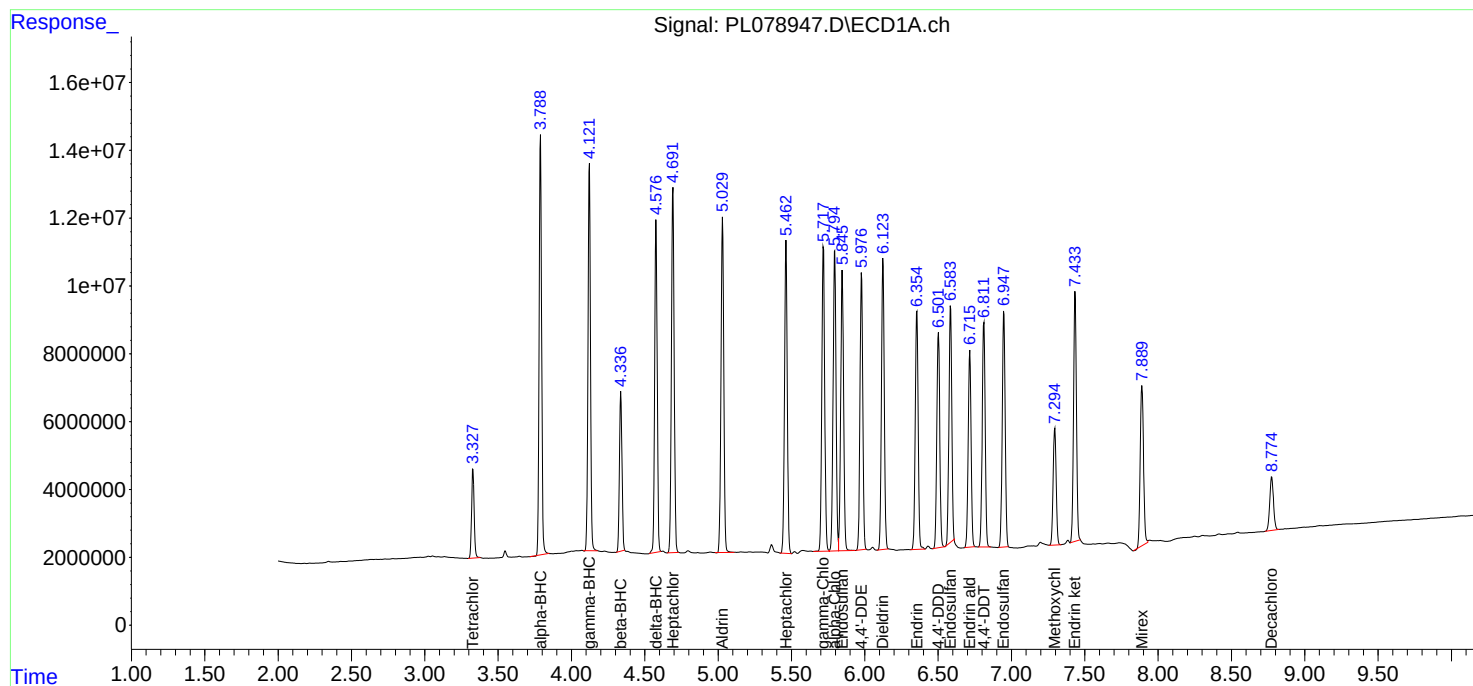
Instrument :
ECD_L
ClientSampleId :
PB148880BS

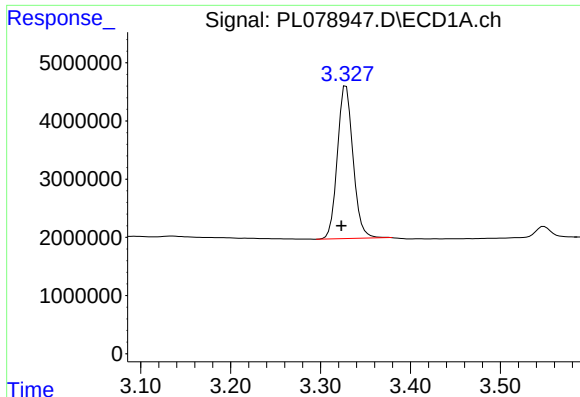
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:52:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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





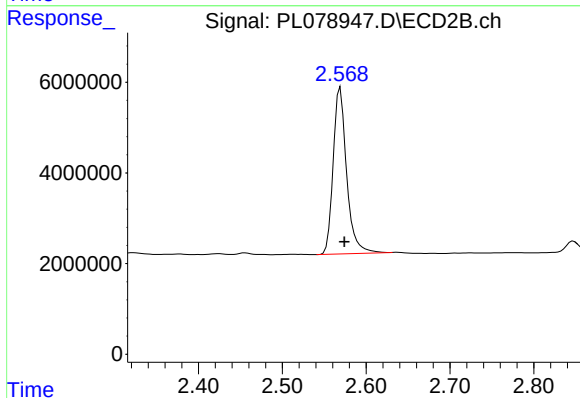
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.005 min
Response: 31837074
Conc: 16.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

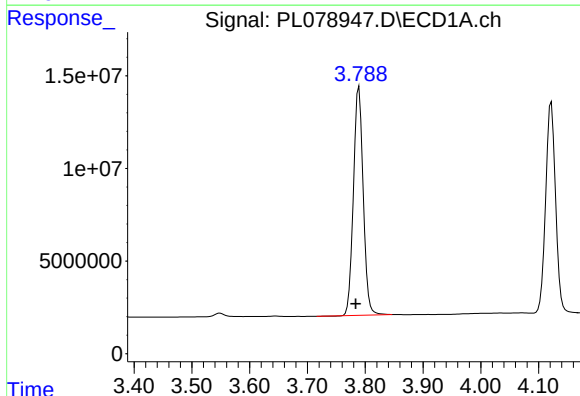
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



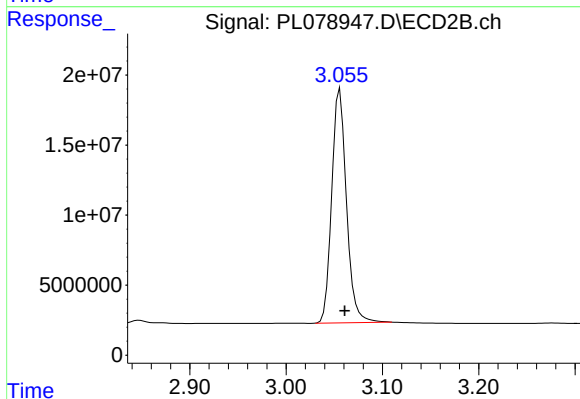
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 40830957
Conc: 15.99 ng/ml



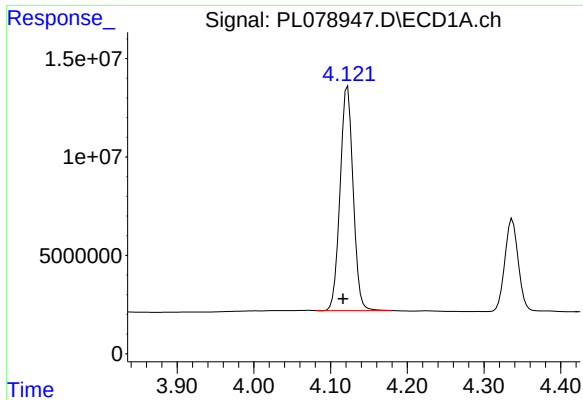
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: 0.005 min
Response: 144842565
Conc: 50.44 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 178332906
Conc: 45.16 ng/ml



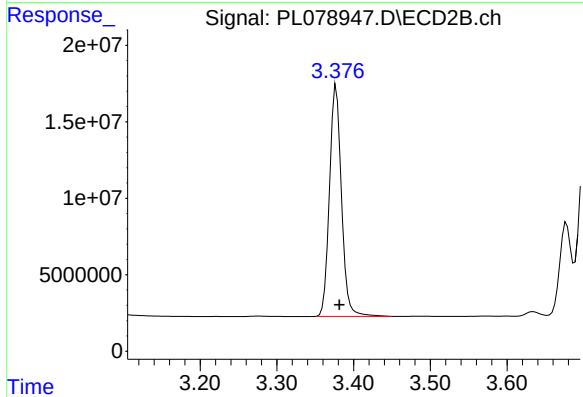
#3 gamma-BHC (Lindane)

R.T.: 4.122 min
Delta R.T.: 0.006 min
Response: 134601853
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

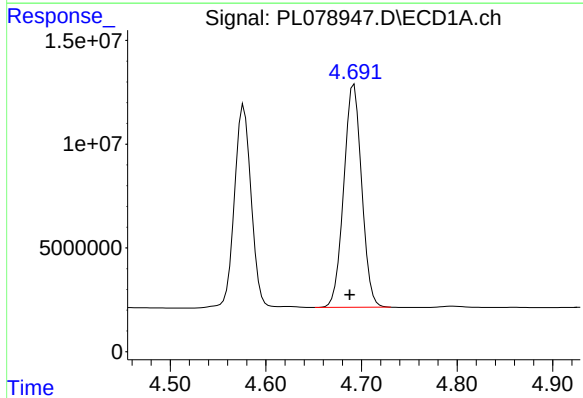
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



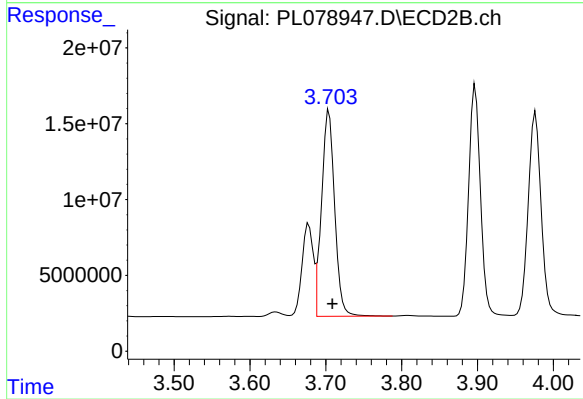
#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.004 min
Response: 164256906
Conc: 45.70 ng/ml



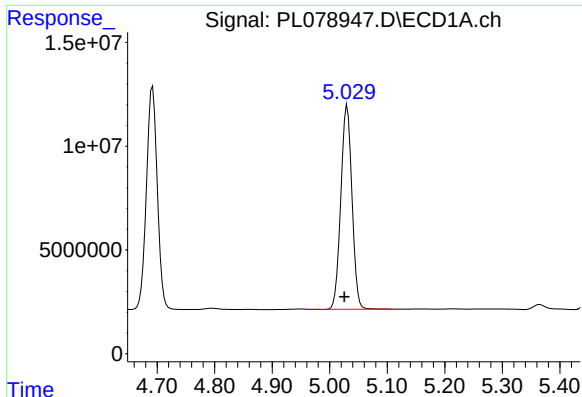
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: 0.004 min
Response: 140534046
Conc: 54.13 ng/ml



#4 Heptachlor

R.T.: 3.704 min
Delta R.T.: -0.004 min
Response: 163377582
Conc: 47.11 ng/ml



#5 Aldrin

R.T.: 5.030 min
Delta R.T.: 0.005 min
Response: 132506109
Conc: 53.50 ng/ml

Instrument :

ECD_L

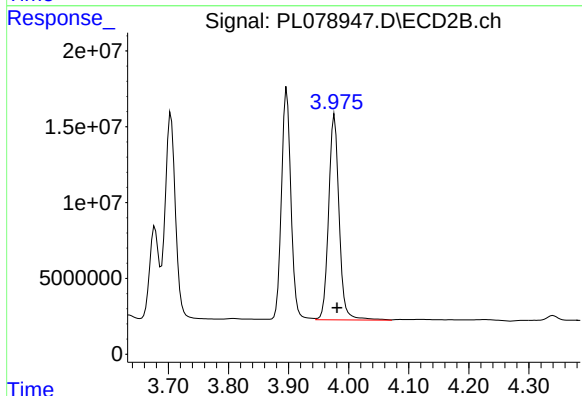
ClientSampleId :

PB148880BS

Manual Integrations

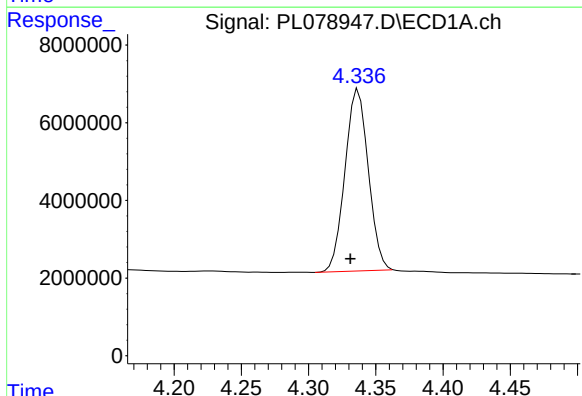
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



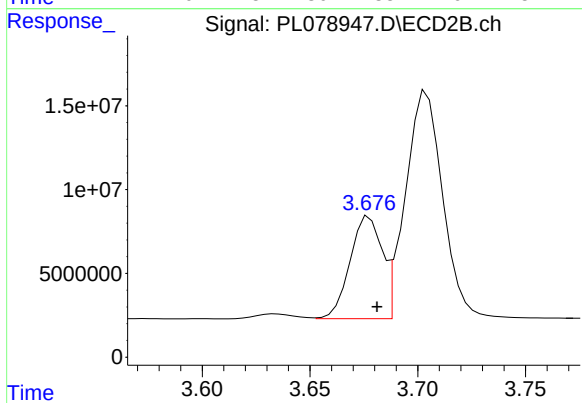
#5 Aldrin

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 164556358
Conc: 46.99 ng/ml



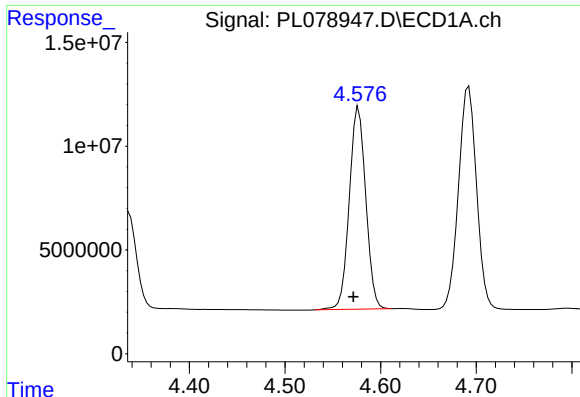
#6 beta-BHC

R.T.: 4.337 min
Delta R.T.: 0.006 min
Response: 56429966
Conc: 48.99 ng/ml



#6 beta-BHC

R.T.: 3.678 min
Delta R.T.: -0.004 min
Response: 62936796
Conc: 43.86 ng/ml



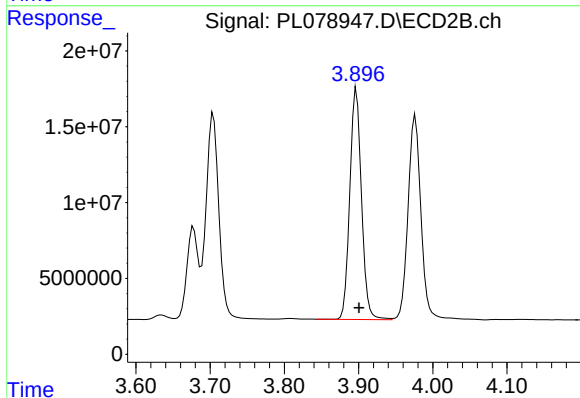
#7 delta-BHC

R.T.: 4.577 min
Delta R.T.: 0.005 min
Response: 117158033
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

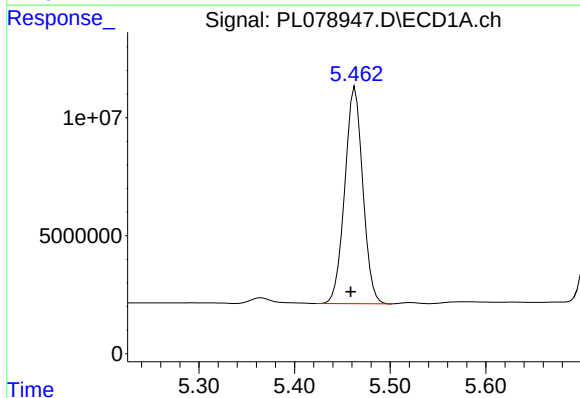
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



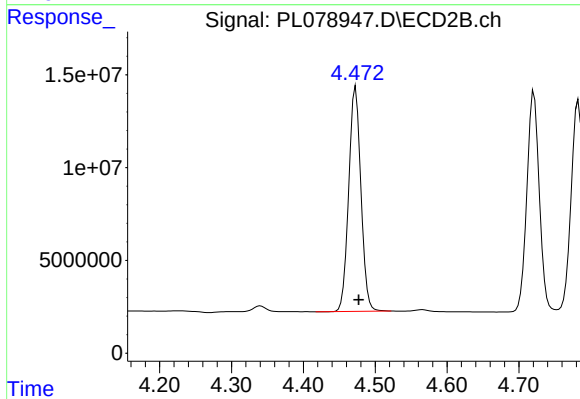
#7 delta-BHC

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 166081372
Conc: 45.61 ng/ml



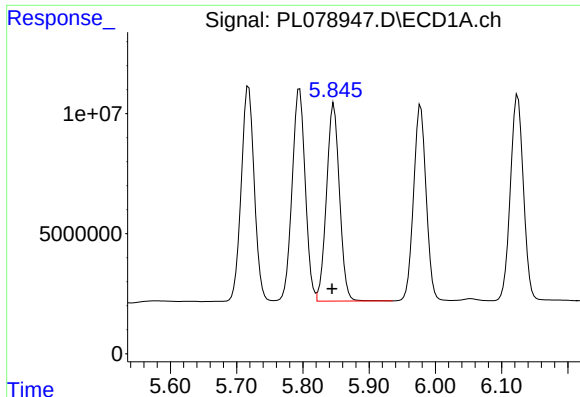
#8 Heptachlor epoxide

R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 120792577
Conc: 56.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 142132112
Conc: 47.17 ng/ml



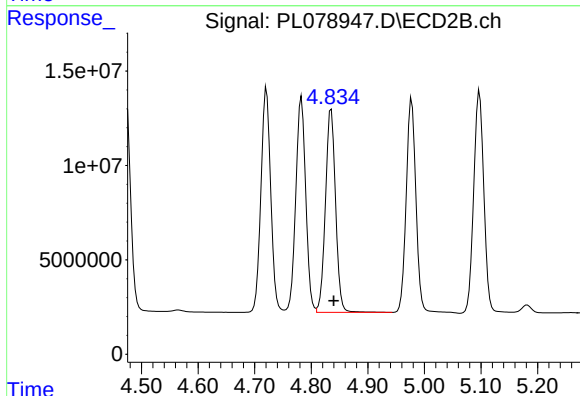
#9 Endosulfan I

R.T.: 5.847 min
Delta R.T.: 0.003 min
Response: 112253011
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

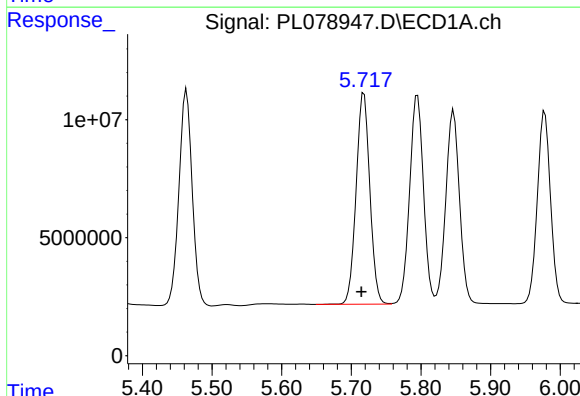
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



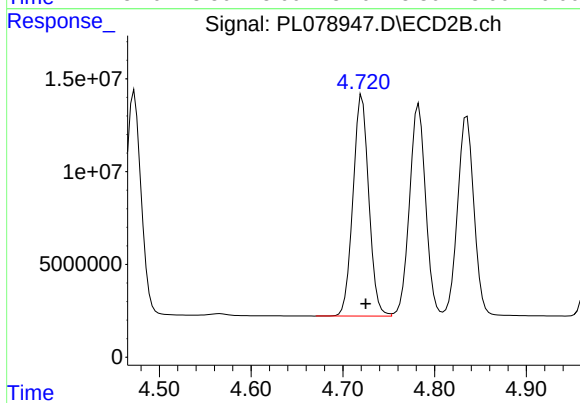
#9 Endosulfan I

R.T.: 4.835 min
Delta R.T.: -0.004 min
Response: 134399776
Conc: 46.95 ng/ml



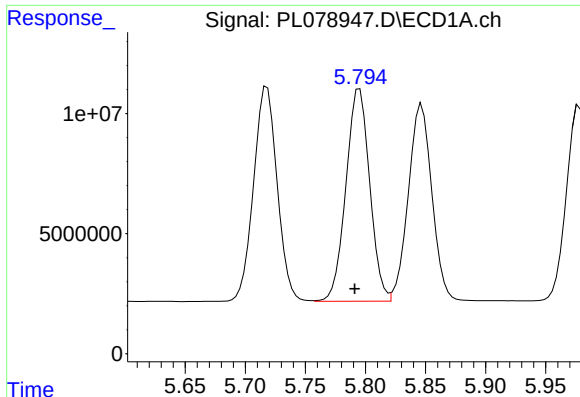
#10 gamma-Chlordane

R.T.: 5.718 min
Delta R.T.: 0.004 min
Response: 122587775
Conc: 54.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 142723494
Conc: 46.57 ng/ml



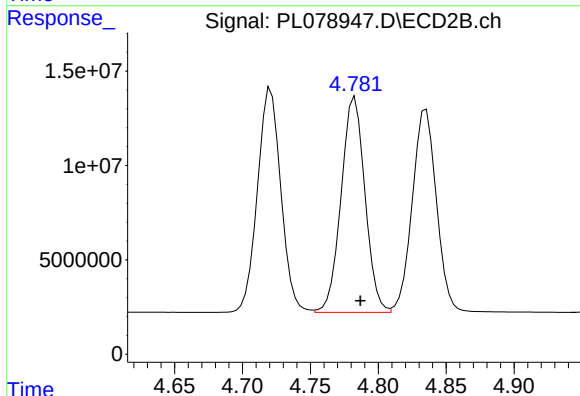
#11 alpha-Chlordane

R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 121945042
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

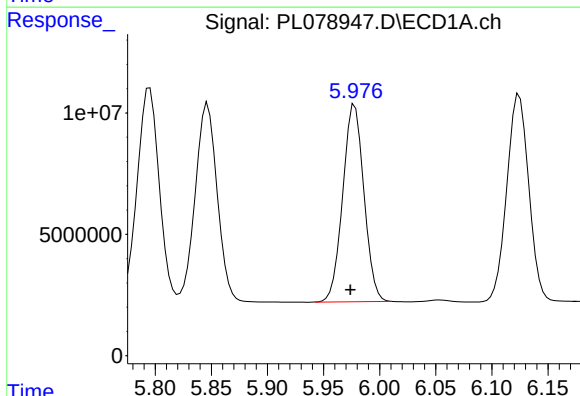
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



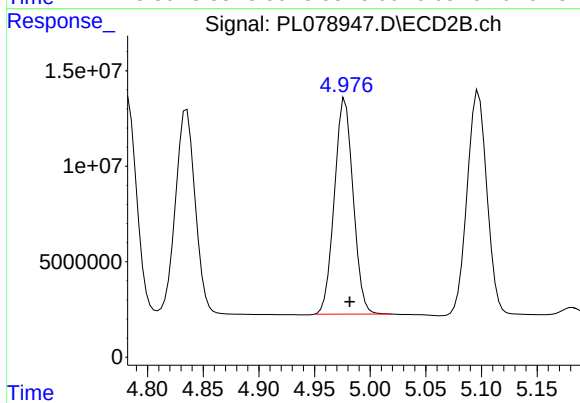
#11 alpha-Chlordane

R.T.: 4.783 min
Delta R.T.: -0.004 min
Response: 139661951
Conc: 46.86 ng/ml



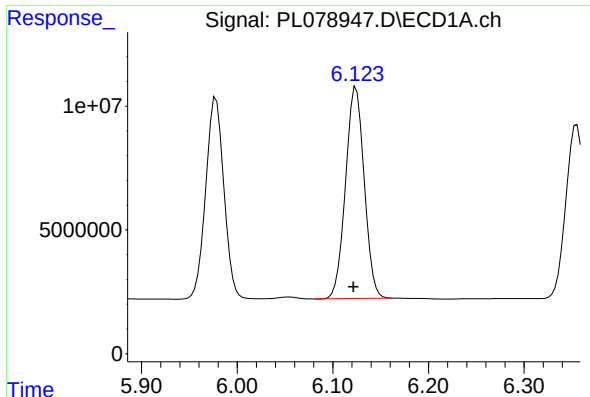
#12 4,4'-DDE

R.T.: 5.978 min
Delta R.T.: 0.004 min
Response: 106664690
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 132556575
Conc: 48.69 ng/ml



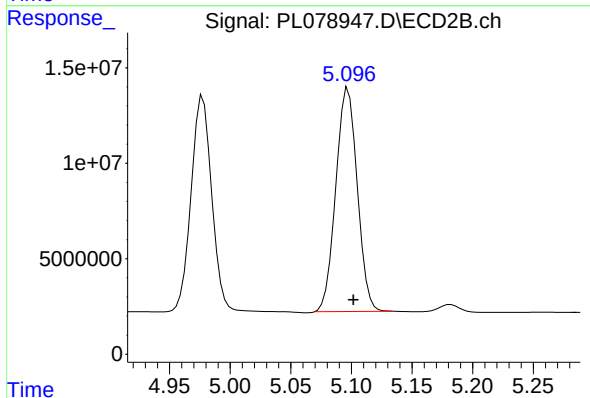
#13 Dieldrin

R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 116290486
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

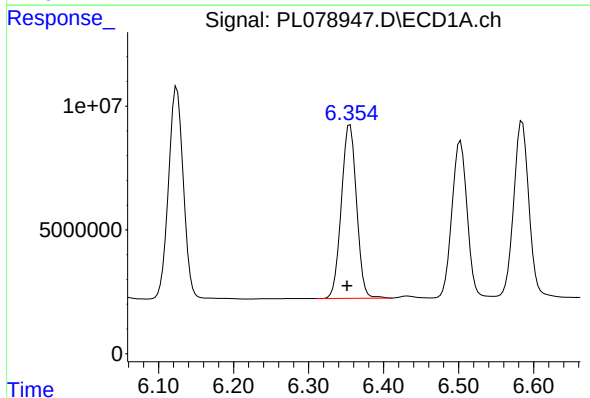
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



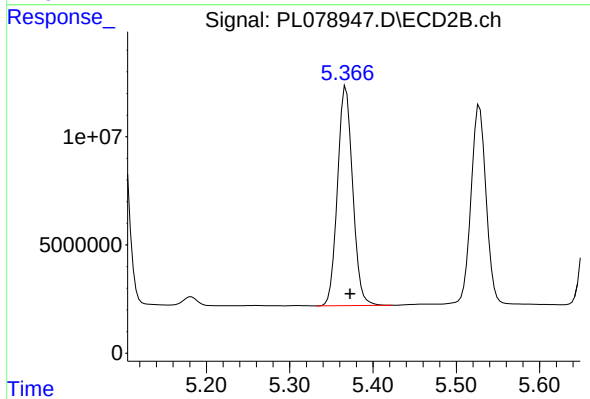
#13 Dieldrin

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 143999270
Conc: 48.60 ng/ml



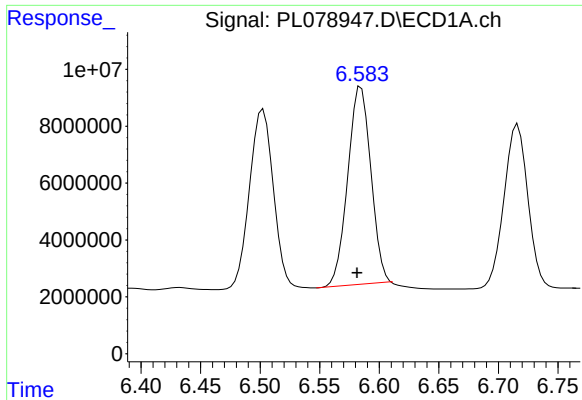
#14 Endrin

R.T.: 6.355 min
Delta R.T.: 0.004 min
Response: 98887532
Conc: 52.11 ng/ml



#14 Endrin

R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 128395217
Conc: 49.28 ng/ml



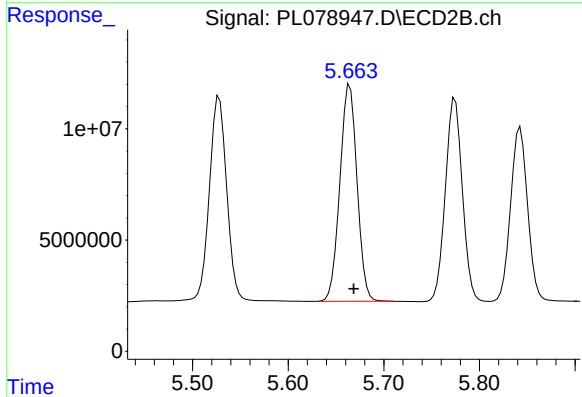
#15 Endosulfan II

R.T.: 6.585 min
Delta R.T.: 0.003 min
Response: 93912053
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

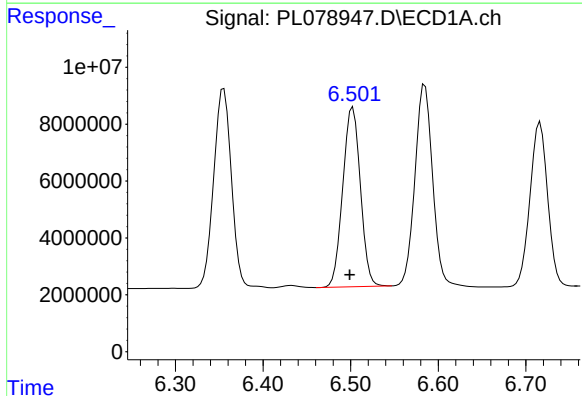
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



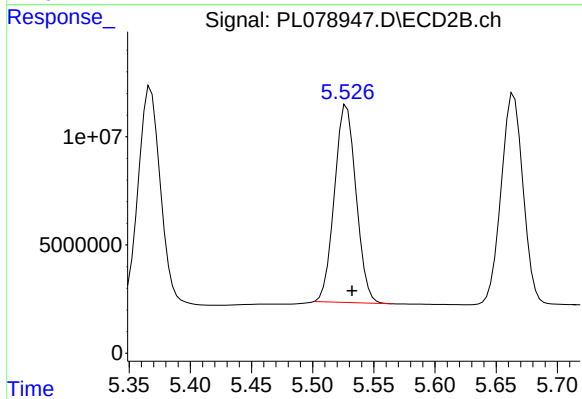
#15 Endosulfan II

R.T.: 5.664 min
Delta R.T.: -0.004 min
Response: 121855370
Conc: 53.53 ng/ml



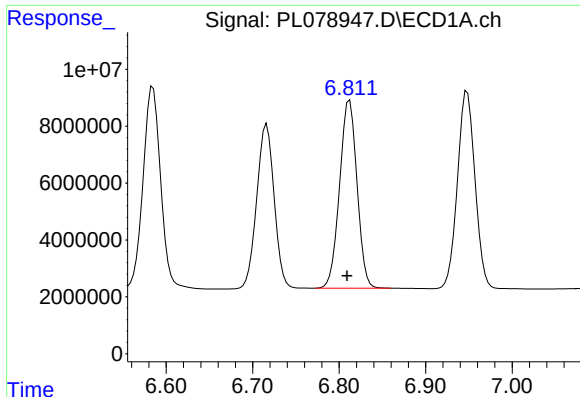
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.003 min
Response: 88159257
Conc: 52.88 ng/ml



#16 4,4'-DDD

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 111908611
Conc: 50.95 ng/ml



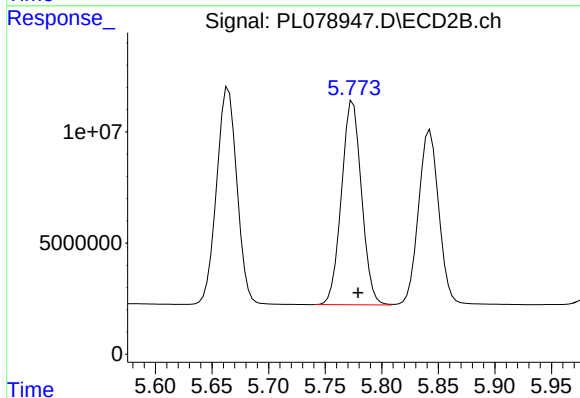
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 91977968
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

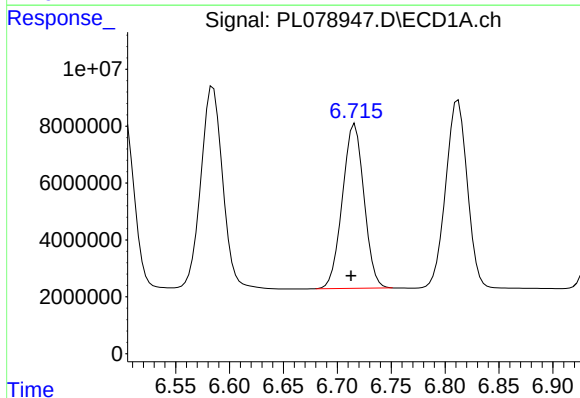
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



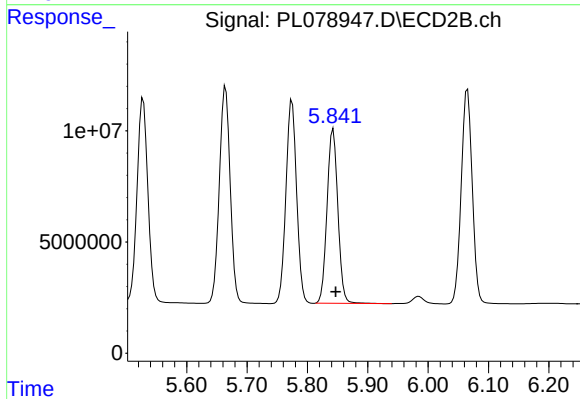
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 112970750
Conc: 52.08 ng/ml m



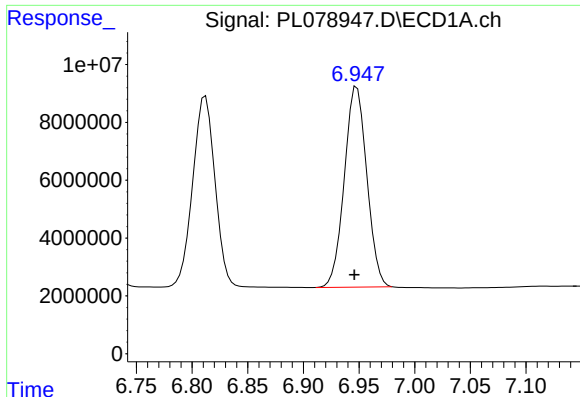
#18 Endrin aldehyde

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 80635702
Conc: 55.42 ng/ml



#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 97598825
Conc: 52.00 ng/ml



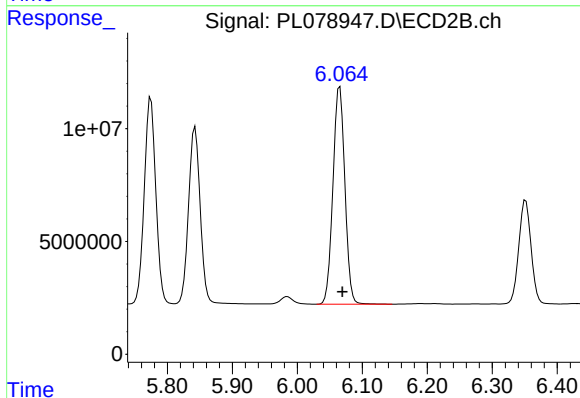
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 97568230
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

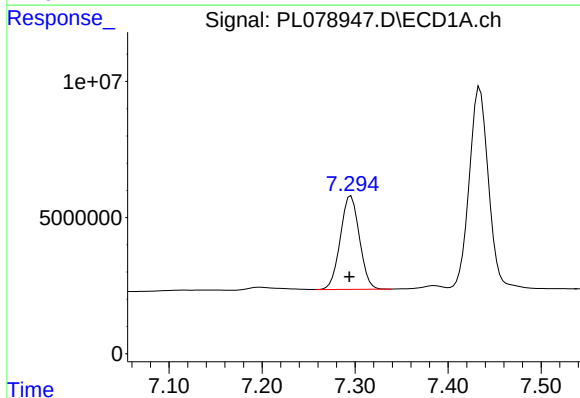
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



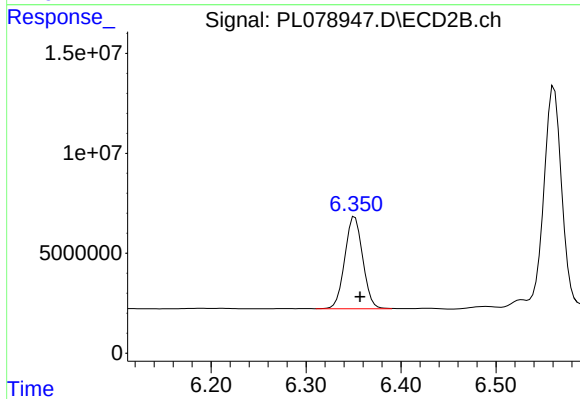
#19 Endosulfan Sulfate

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 122803538
Conc: 51.59 ng/ml



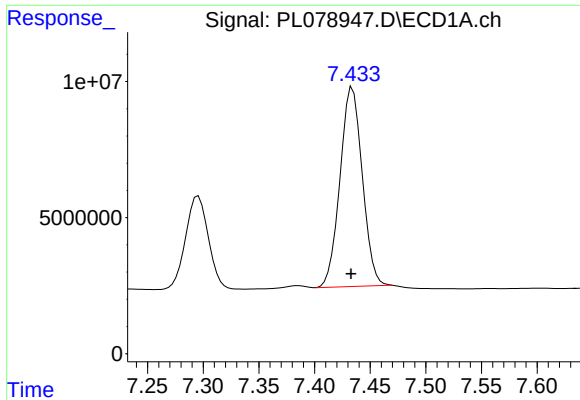
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 49038223
Conc: 53.25 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 60381375
Conc: 53.21 ng/ml



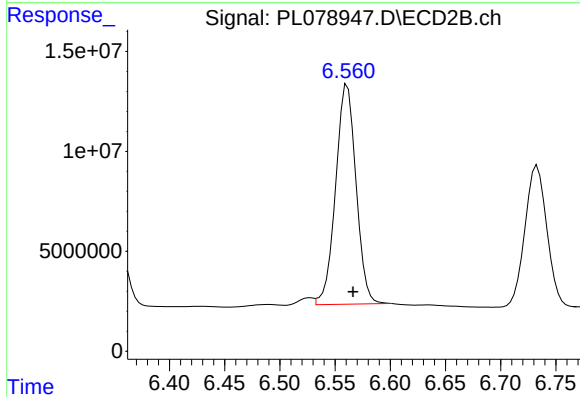
#21 Endrin ketone

R.T.: 7.434 min
Delta R.T.: 0.001 min
Response: 102076824
Conc: 54.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

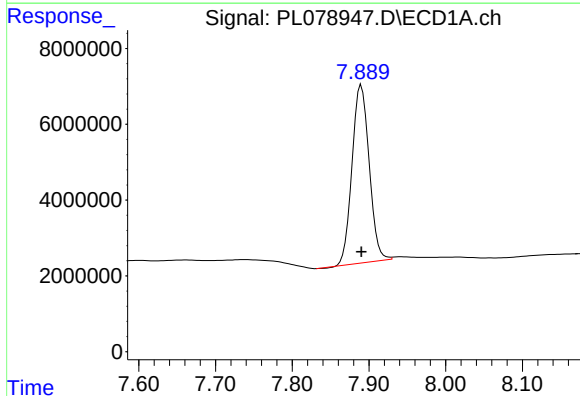
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



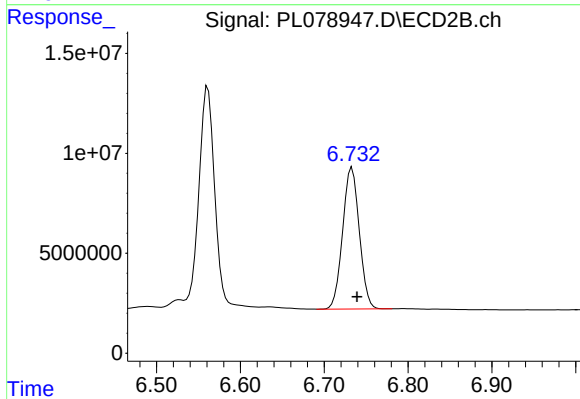
#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 141628227
Conc: 54.79 ng/ml



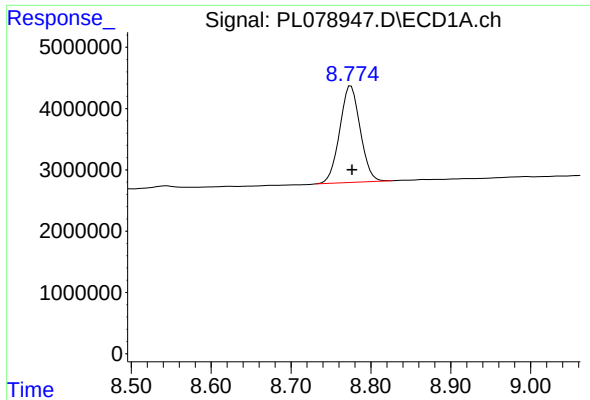
#22 Mirex

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 73333211
Conc: 50.23 ng/ml



#22 Mirex

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 97929713
Conc: 49.76 ng/ml



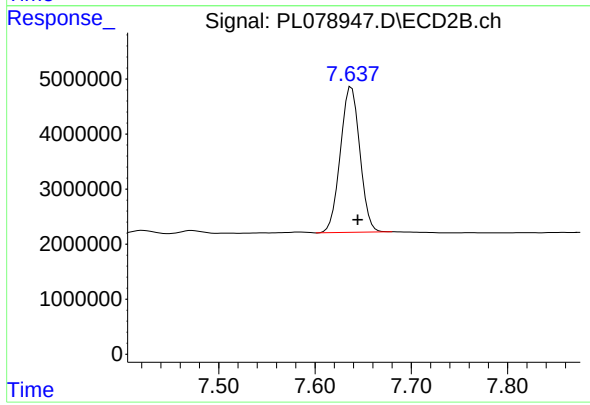
#28 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 28079721
Conc: 18.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148880BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2022
Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 37070584
Conc: 19.57 ng/ml