

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 15:29
 Operator : AR\AJ
 Sample : PB152143BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152143BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:46:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.325	2.651	48707276	43727860	20.941	21.906
28) SA Decachlor...	8.751	7.769	41775466	47271267	23.343	23.835
Target Compounds						
2) A alpha-BHC	3.775	3.150	163.1E6	138.4E6	47.561	47.462
3) MA gamma-BHC...	4.102	3.477	152.4E6	129.8E6	47.981m	46.617
4) MA Heptachlor	4.681	3.810	147.9E6	138.6E6	46.925m	48.335
5) MB Aldrin	5.020	4.087	140.2E6	129.7E6	49.005	48.679
6) B beta-BHC	4.307	3.778	65012896	54577368	43.196	45.825
7) B delta-BHC	4.549	4.005	146.6E6	128.4E6	48.224	49.646
8) B Heptachlo...	5.446	4.590	128.1E6	119.6E6	47.097	49.232
9) A Endosulfan I	5.827	4.957	115.6E6	109.8E6	46.798	49.739
10) B gamma-Chl...	5.702	4.838	126.4E6	118.4E6	48.157	48.725
11) B alpha-Chl...	5.780	4.902	125.4E6	117.8E6	48.455	48.510
12) B 4,4'-DDE	5.958	5.093	109.7E6	100.3E6	48.667	50.924
13) MA Dieldrin	6.102	5.222	121.2E6	116.1E6	50.048	51.613
14) MA Endrin	6.330	5.496	107.0E6	106.7E6	50.565	52.708
15) B Endosulfa...	6.552	5.792	105.4E6	101.2E6	49.689	55.797m
16) A 4,4'-DDD	6.474	5.648	88250857	80924651	48.933	53.326
17) MA 4,4'-DDT	6.785	5.897	97201426	93185845	47.891	54.075
18) B Endrin al...	6.683	5.973	87959958	84592181	53.762	54.471
19) B Endosulfa...	6.917	6.196	104.2E6	98743697	49.986	50.750
20) A Methoxychlor	7.267	6.475	55067933	54775689	51.136	54.994m
21) B Endrin ke...	7.396	6.702	104.9E6	109.2E6	50.092	51.121
22) Mirex	7.862	6.872	83705376	95106405	48.857	49.541m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
Data File : PL082132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2023 15:29
Operator : AR\AJ
Sample : PB152143BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152143BS

Manual Integrations

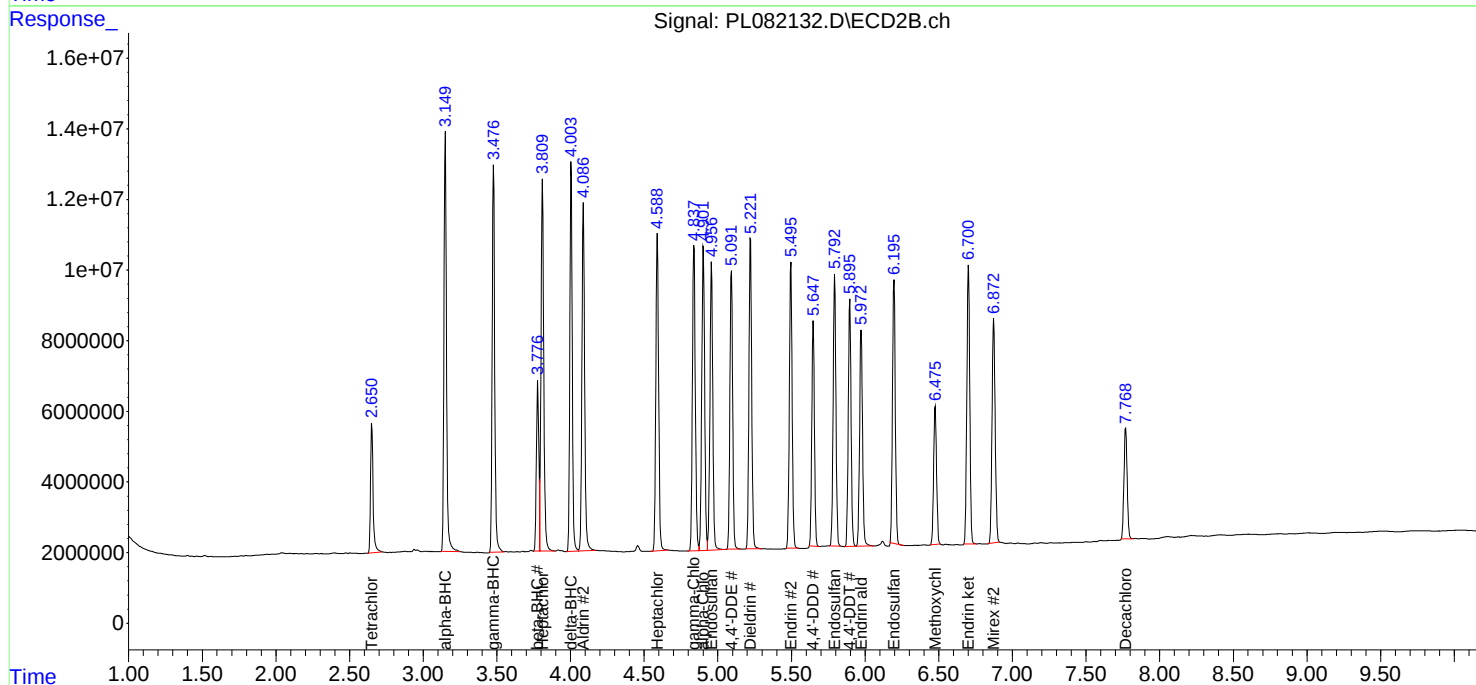
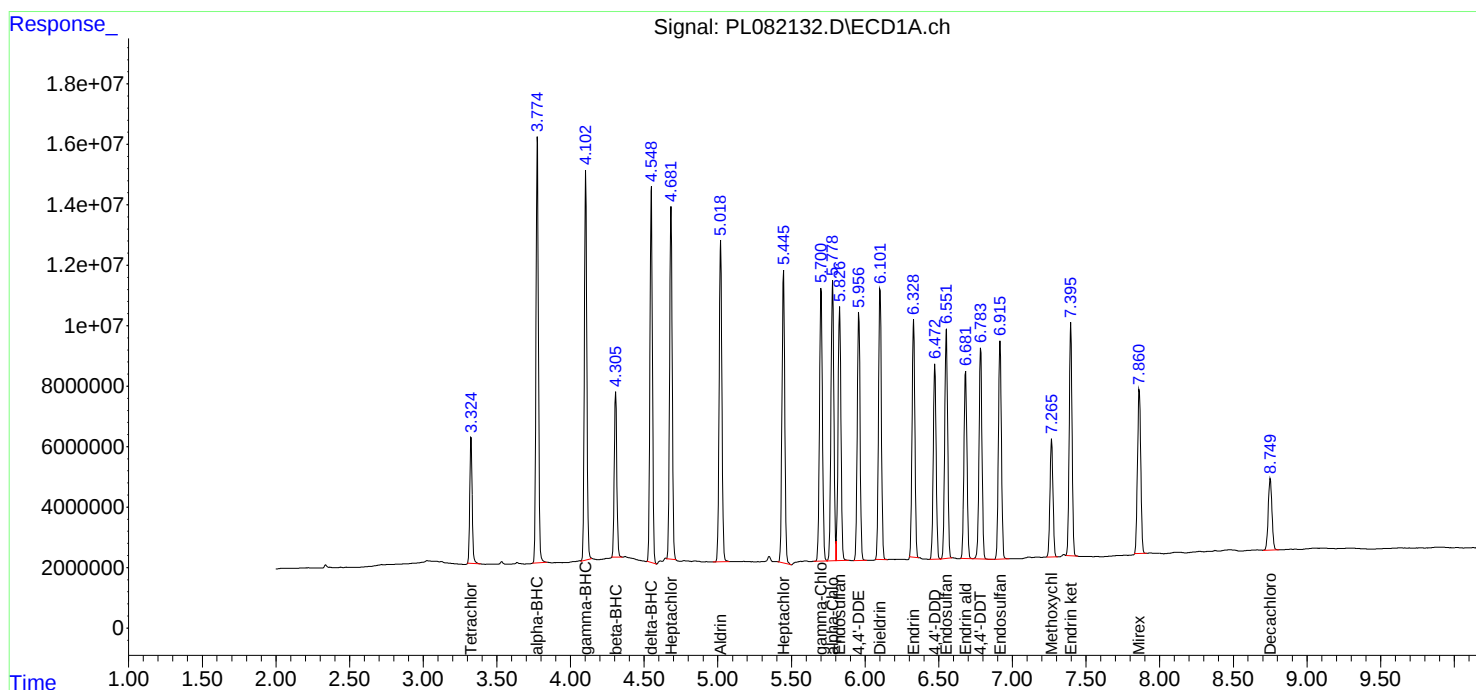
APPROVED

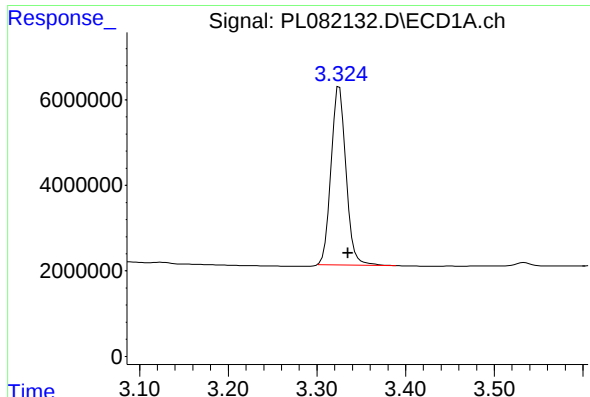
Reviewed By :Abdul Mirza 04/18/2023

Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 21:46:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





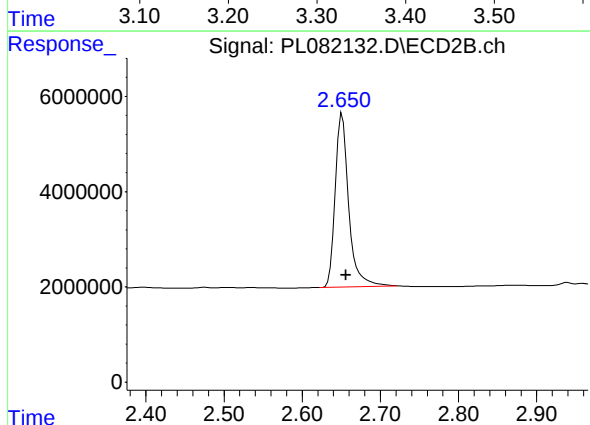
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 48707276
Conc: 20.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

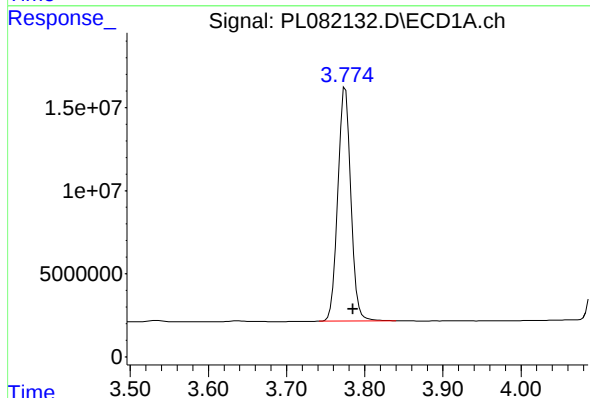
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



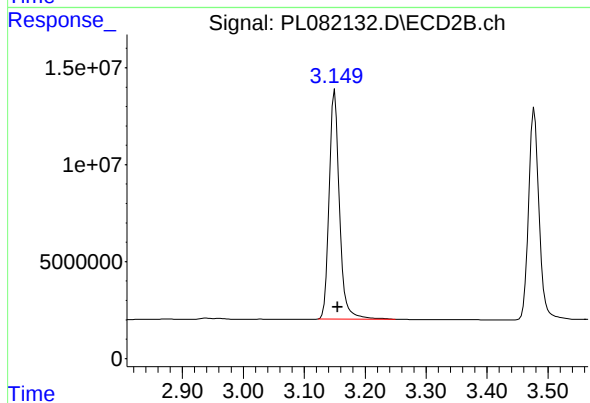
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.005 min
Response: 43727860
Conc: 21.91 ng/ml



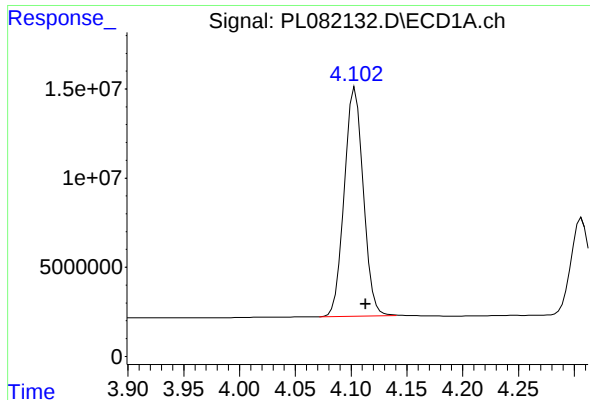
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 163057797
Conc: 47.56 ng/ml



#2 alpha-BHC

R.T.: 3.150 min
Delta R.T.: -0.005 min
Response: 138350200
Conc: 47.46 ng/ml



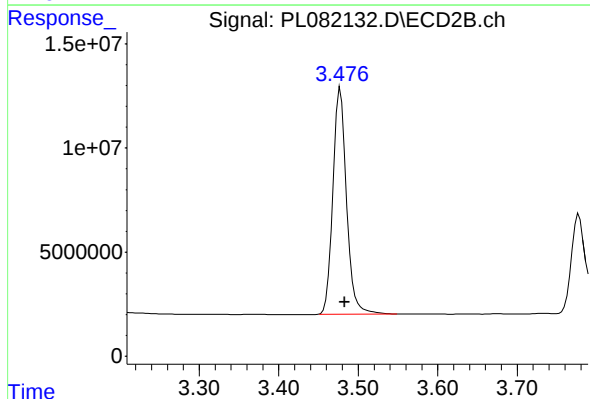
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: -0.011 min
Response: 152427879
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

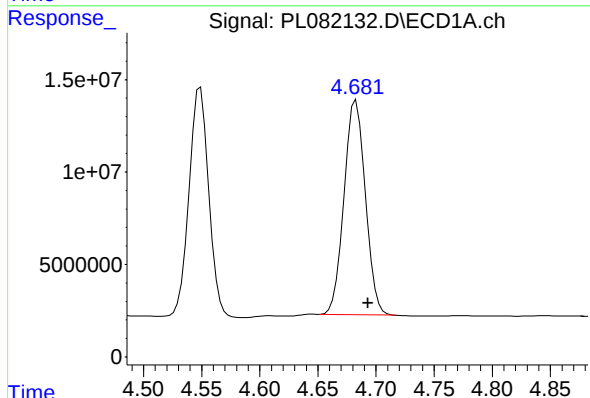
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



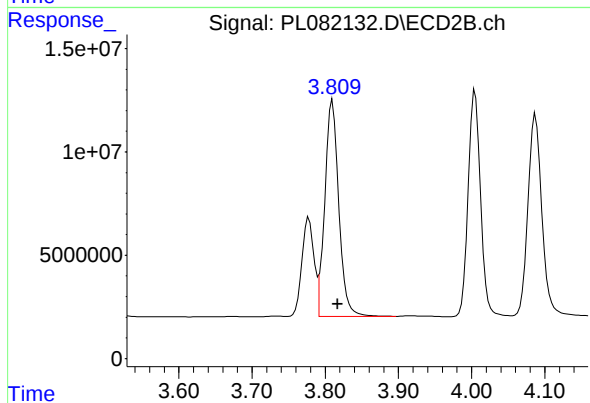
#3 gamma-BHC (Lindane)

R.T.: 3.477 min
Delta R.T.: -0.005 min
Response: 129791678
Conc: 46.62 ng/ml



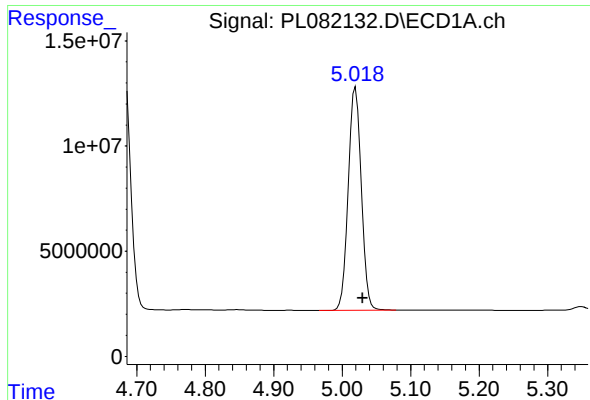
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.012 min
Response: 147916727
Conc: 46.93 ng/ml m



#4 Heptachlor

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 138573550
Conc: 48.33 ng/ml



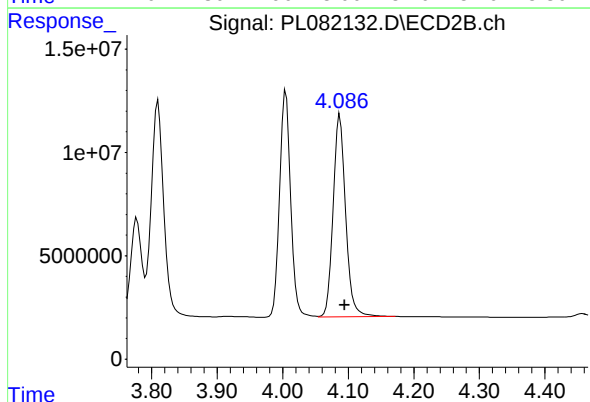
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.010 min
Response: 140168555
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

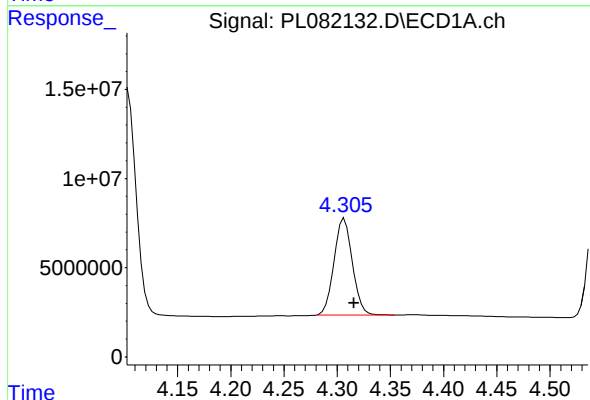
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



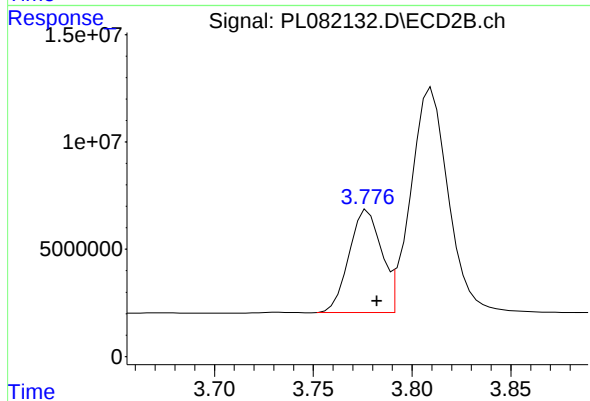
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 129702568
Conc: 48.68 ng/ml



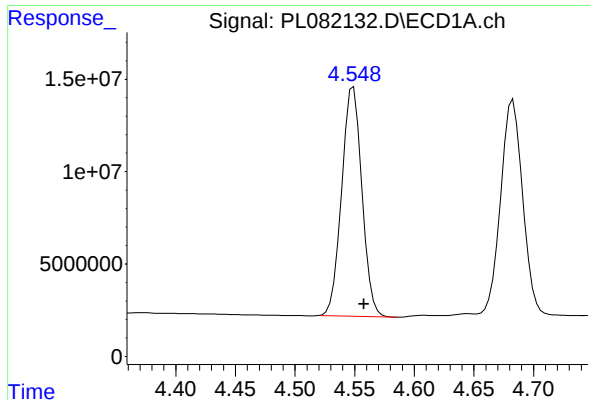
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 65012896
Conc: 43.20 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.005 min
Response: 54577368
Conc: 45.83 ng/ml



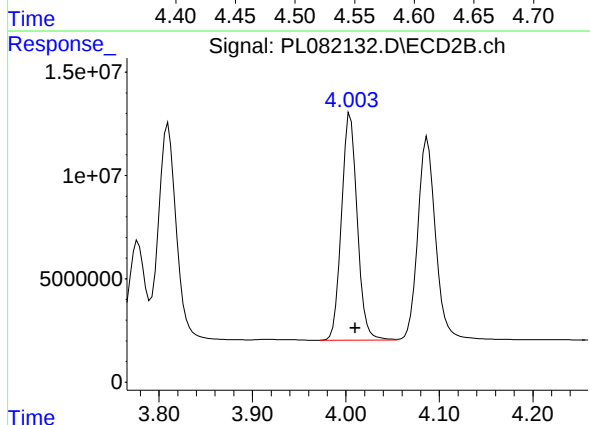
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 146564091
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

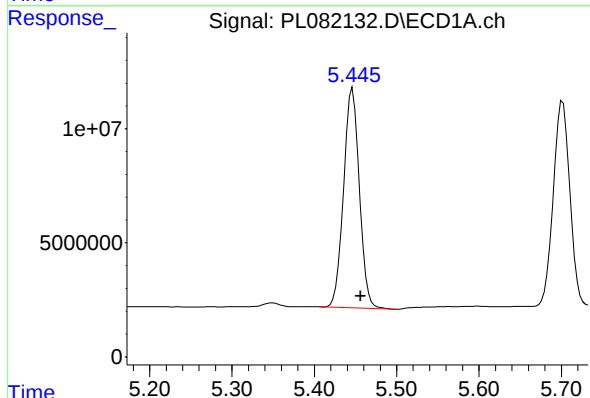
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



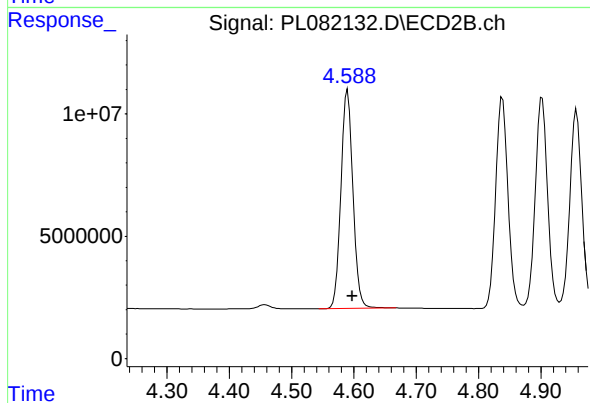
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 128390383
Conc: 49.65 ng/ml



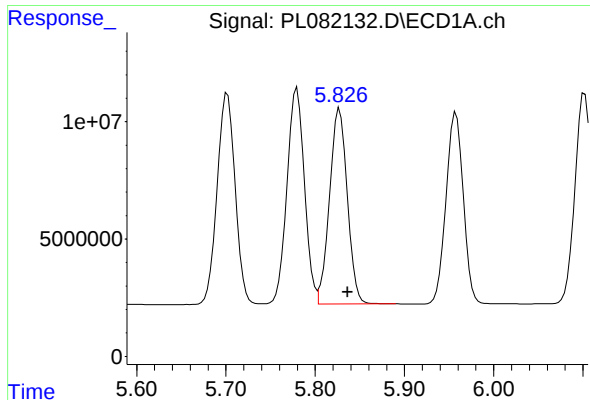
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: -0.010 min
Response: 128104271
Conc: 47.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 119572384
Conc: 49.23 ng/ml



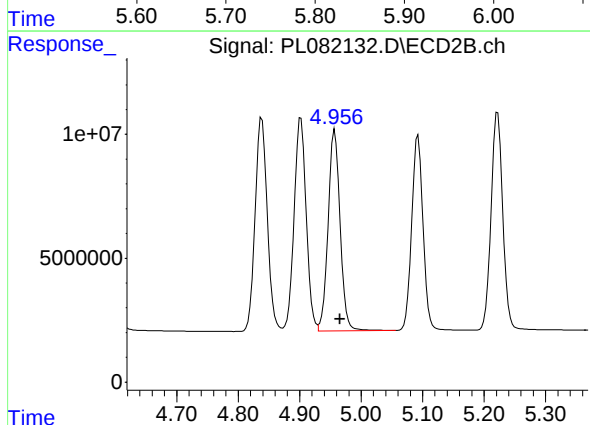
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: -0.009 min
Response: 115630433
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

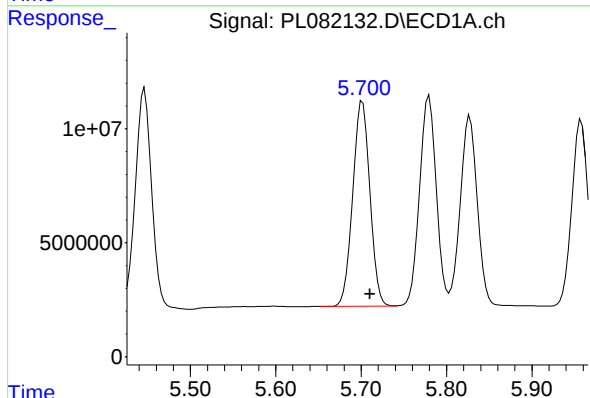
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



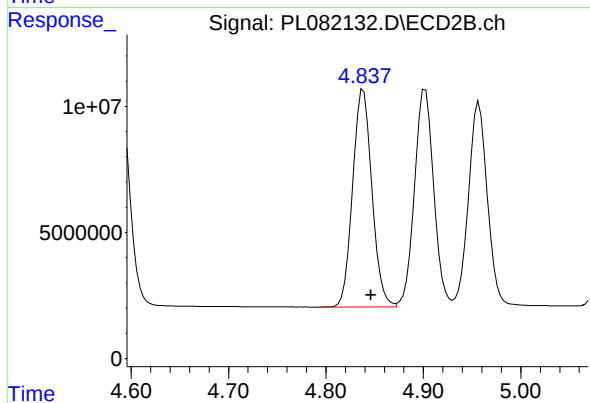
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.008 min
Response: 109810646
Conc: 49.74 ng/ml



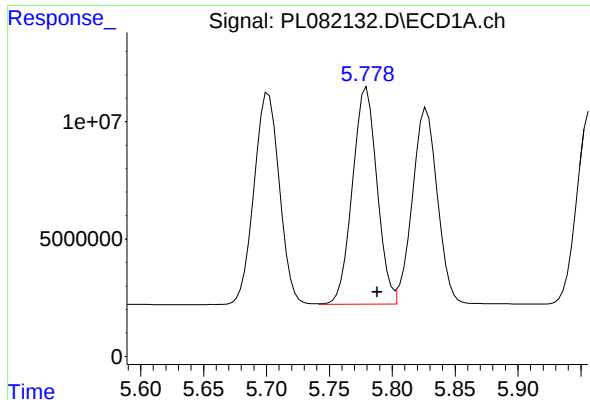
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.009 min
Response: 126423787
Conc: 48.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 118420430
Conc: 48.73 ng/ml



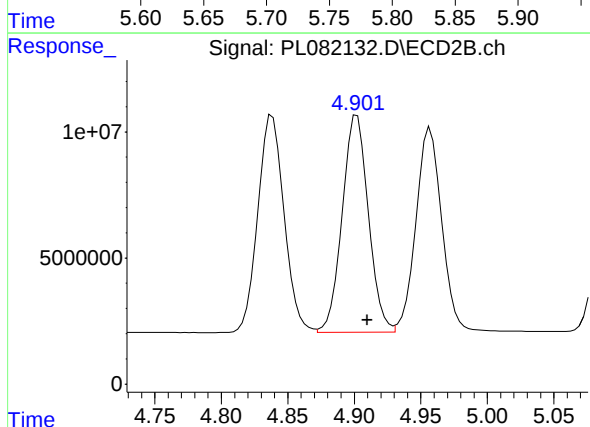
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: -0.009 min
Response: 125421195
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

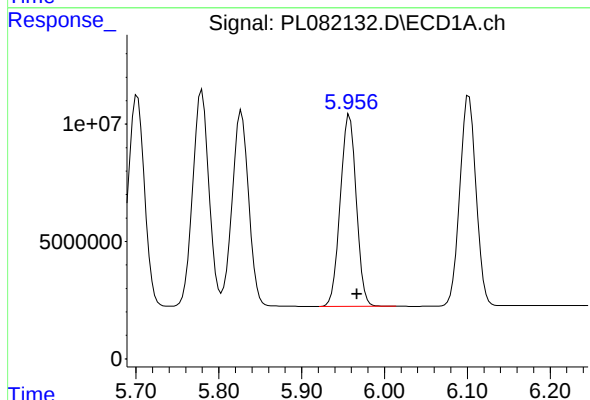
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



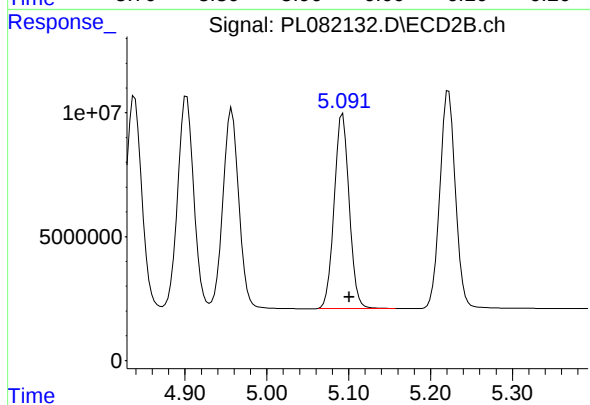
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 117827120
Conc: 48.51 ng/ml



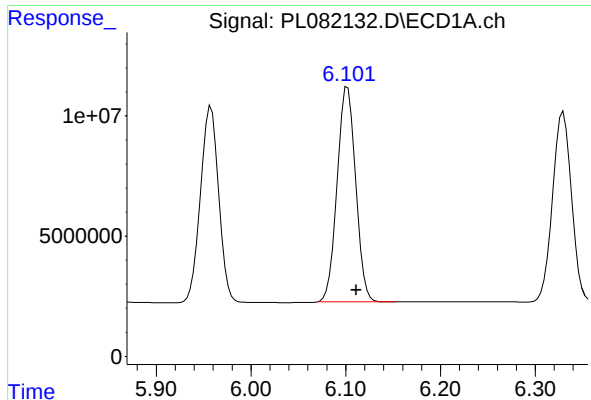
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.009 min
Response: 109678498
Conc: 48.67 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 100310629
Conc: 50.92 ng/ml



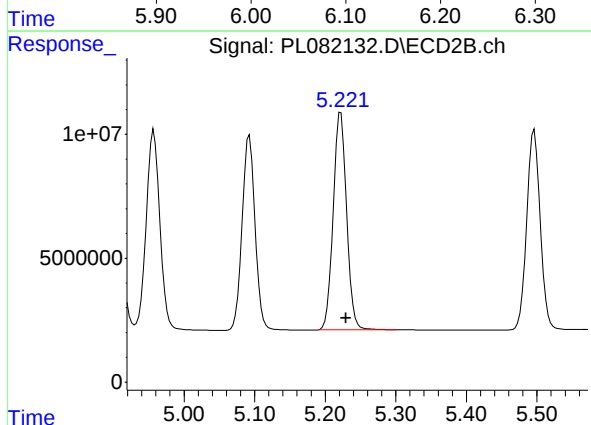
#13 Dieldrin

R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 121162815
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

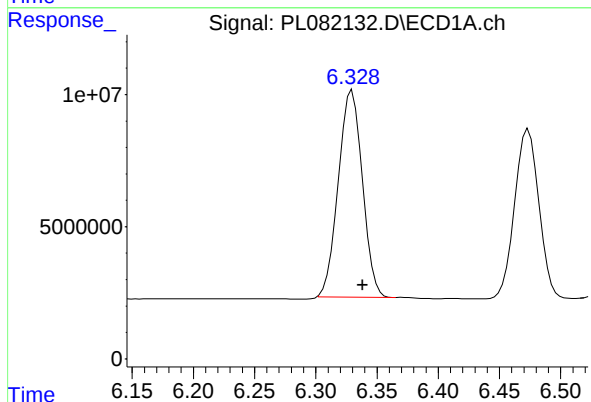
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



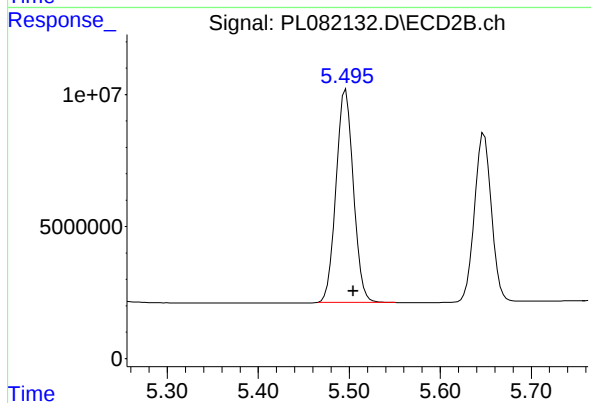
#13 Dieldrin

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 116099630
Conc: 51.61 ng/ml



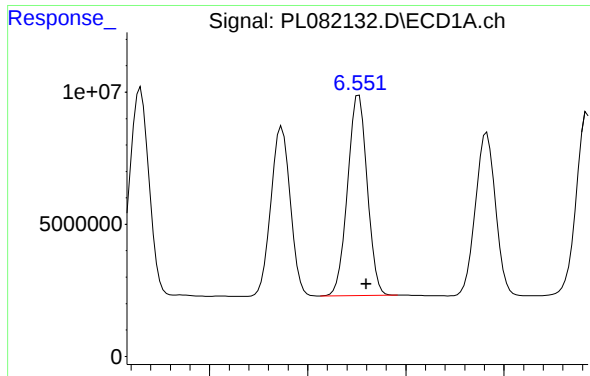
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.009 min
Response: 106957387
Conc: 50.57 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 106665207
Conc: 52.71 ng/ml



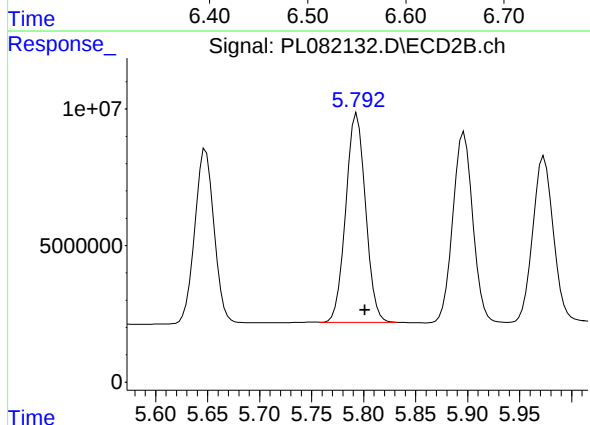
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.008 min
Response: 105444781
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

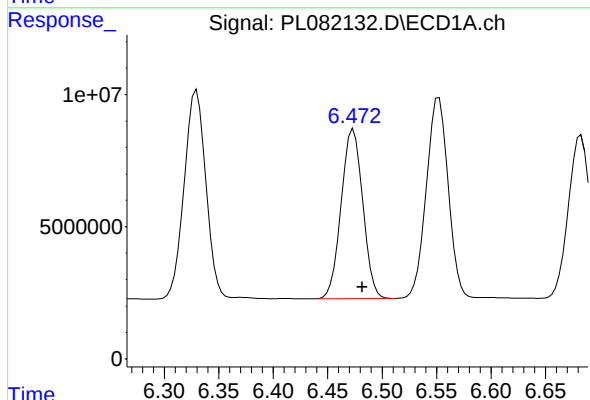
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



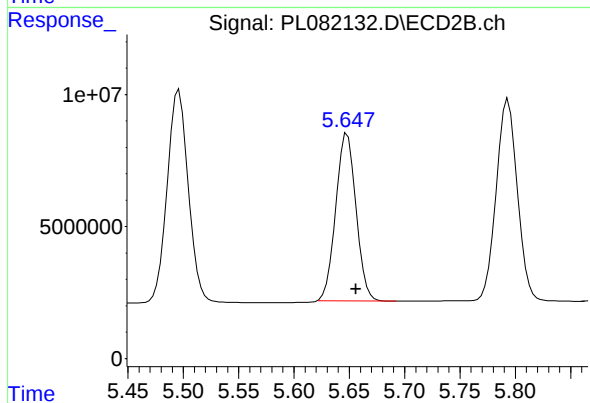
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 101217948
Conc: 55.80 ng/ml



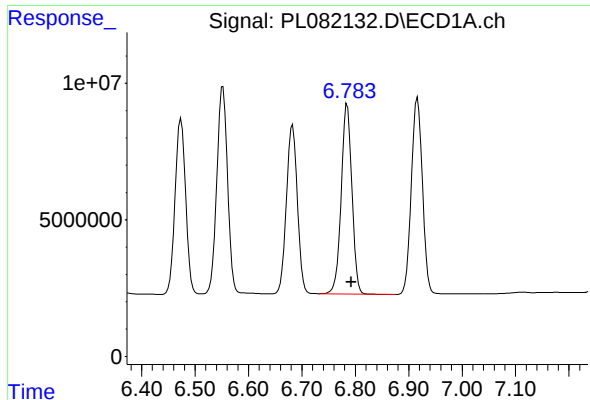
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 88250857
Conc: 48.93 ng/ml



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 80924651
Conc: 53.33 ng/ml



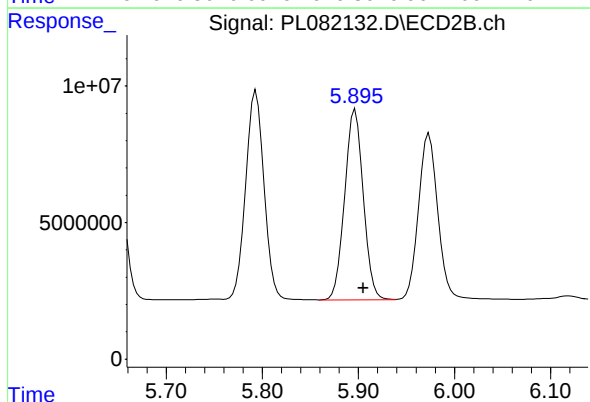
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 97201426
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

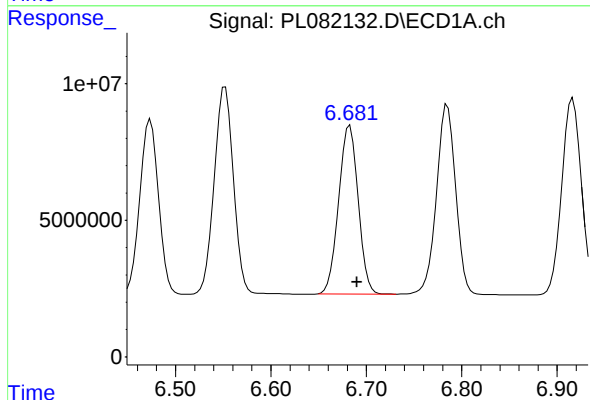
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



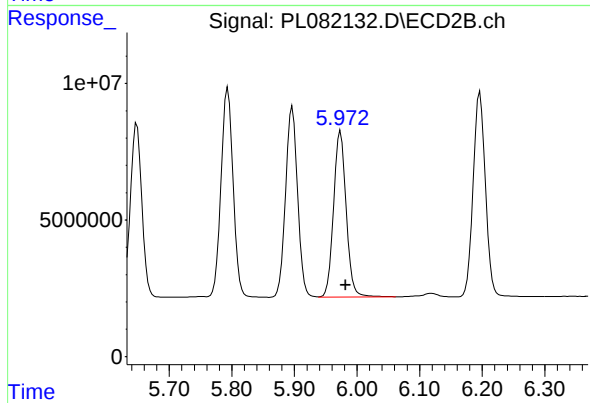
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 93185845
Conc: 54.08 ng/ml



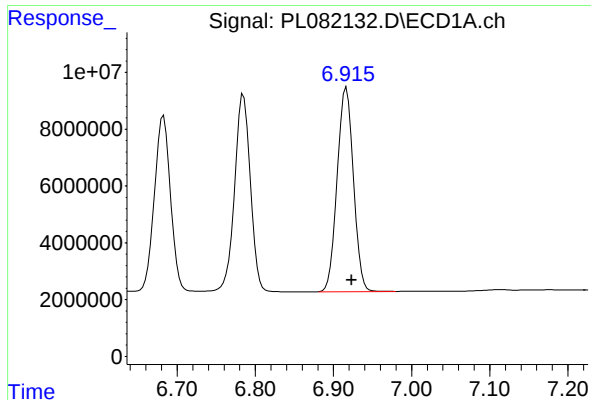
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 87959958
Conc: 53.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.008 min
Response: 84592181
Conc: 54.47 ng/ml



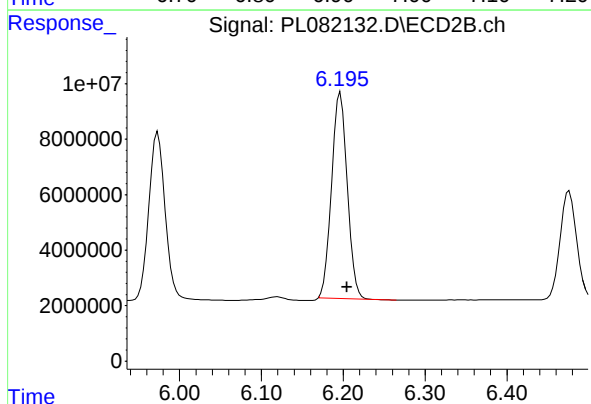
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 104173339
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

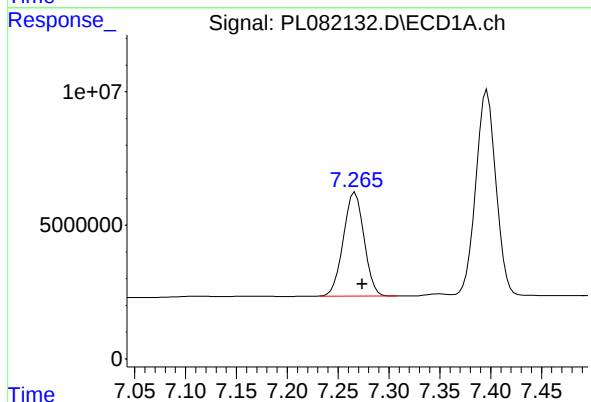
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



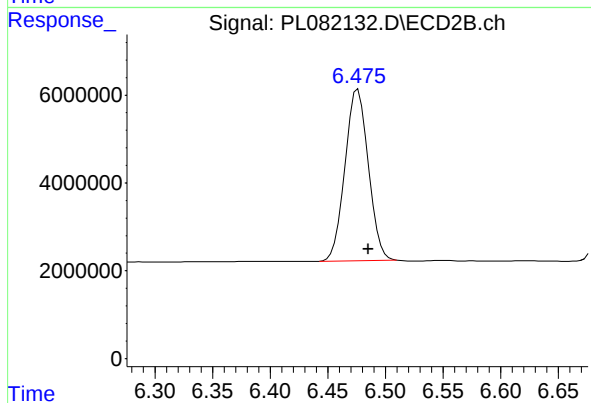
#19 Endosulfan Sulfate

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 98743697
Conc: 50.75 ng/ml



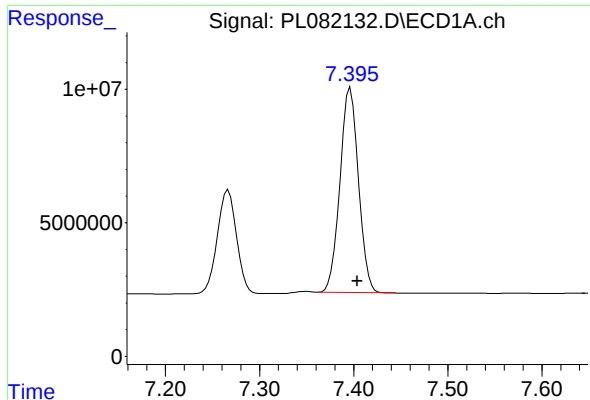
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 55067933
Conc: 51.14 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 54775689
Conc: 54.99 ng/ml m



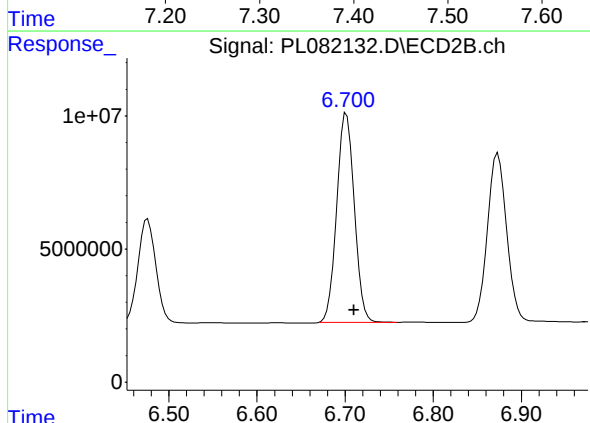
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 104926675
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

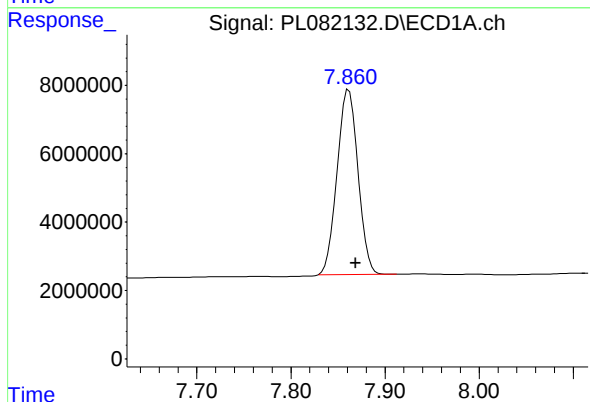
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



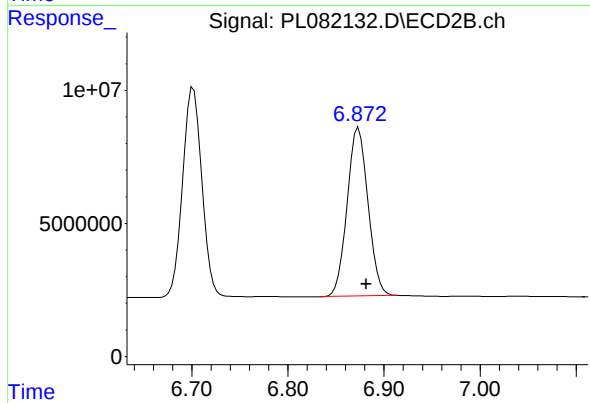
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 109244952
Conc: 51.12 ng/ml



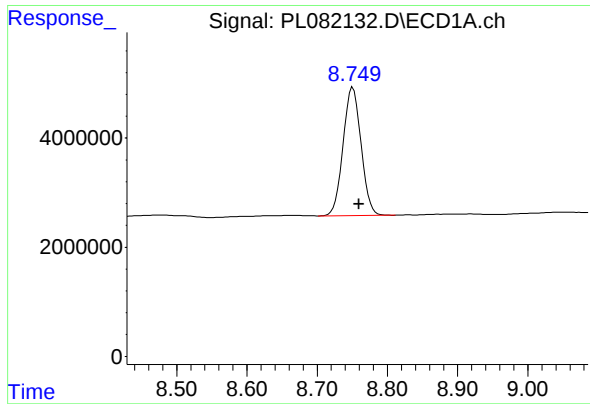
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 83705376
Conc: 48.86 ng/ml



#22 Mirex

R.T.: 6.872 min
Delta R.T.: -0.010 min
Response: 95106405
Conc: 49.54 ng/ml m



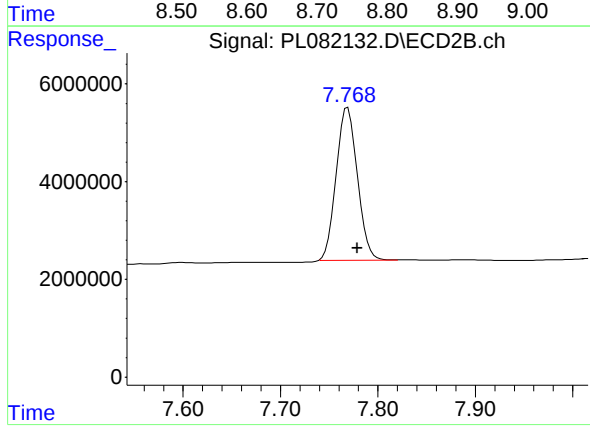
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 41775466
Conc: 23.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152143BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.010 min
Response: 47271267
Conc: 23.84 ng/ml