

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 16:46
 Operator : AR\AJ
 Sample : 02423-04MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2023
 Supervised By : Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:40:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.648	54132561	45213958	20.265	19.516
28) SA Decachlor...	8.745	7.761	32728137	35667351	17.143	15.626
Target Compounds						
2) A alpha-BHC	3.773	3.146	222.7E6	189.0E6	55.948	55.541
3) MA gamma-BHC...	4.100	3.474	214.2E6	187.9E6	57.300m	58.426
4) MA Heptachlor	4.678	3.806	193.1E6	183.6E6	52.855m	53.635
5) MB Aldrin	5.017	4.082	187.8E6	177.0E6	56.961	56.203
6) B beta-BHC	4.304	3.773	89253179	72683146	52.333	53.271
7) B delta-BHC	4.546	4.000	214.6E6	172.0E6	59.654	56.081
8) B Heptachlo...	5.443	4.584	170.6E6	159.5E6	55.934	55.348
9) A Endosulfan I	5.824	4.951	155.1E6	144.8E6	55.930	54.242
10) B gamma-Chl...	5.698	4.832	173.7E6	156.9E6	57.756	54.060
11) B alpha-Chl...	5.776	4.895	167.2E6	157.1E6	56.009	54.125
12) B 4,4'-DDE	5.954	5.086	146.3E6	130.1E6	57.548	56.588
13) MA Dieldrin	6.098	5.215	164.2E6	154.4E6	59.508	57.168
14) MA Endrin	6.325	5.489	139.4E6	135.9E6	57.494	55.545
15) B Endosulfa...	6.547	5.786	136.7E6	132.5E6	56.130	58.799
16) A 4,4'-DDD	6.470	5.641	120.1E6	109.1E6	59.265	58.310
17) MA 4,4'-DDT	6.781	5.889	122.2E6	113.7E6	53.429	53.831
18) B Endrin al...	6.678	5.966	113.3E6	108.1E6	60.119	57.746
19) B Endosulfa...	6.912	6.189	133.0E6	128.4E6	56.100	54.530
20) A Methoxychlor	7.262	6.469	68079238	64942821	55.788	53.590
21) B Endrin ke...	7.392	6.694	144.0E6	146.4E6	60.124	57.661
22) Mirex	7.856	6.865	105.0E6	116.0E6	53.665	50.358

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 16:46
 Operator : AR\AJ
 Sample : 02423-04MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

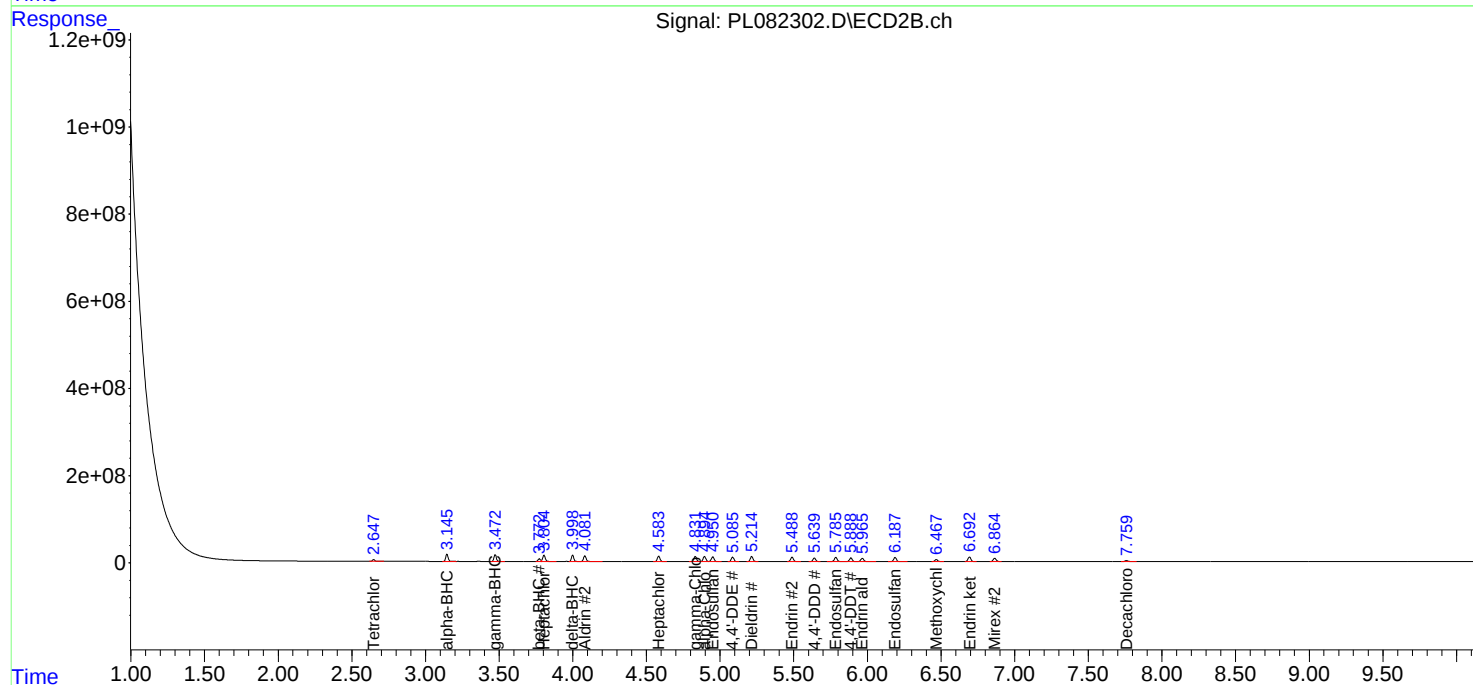
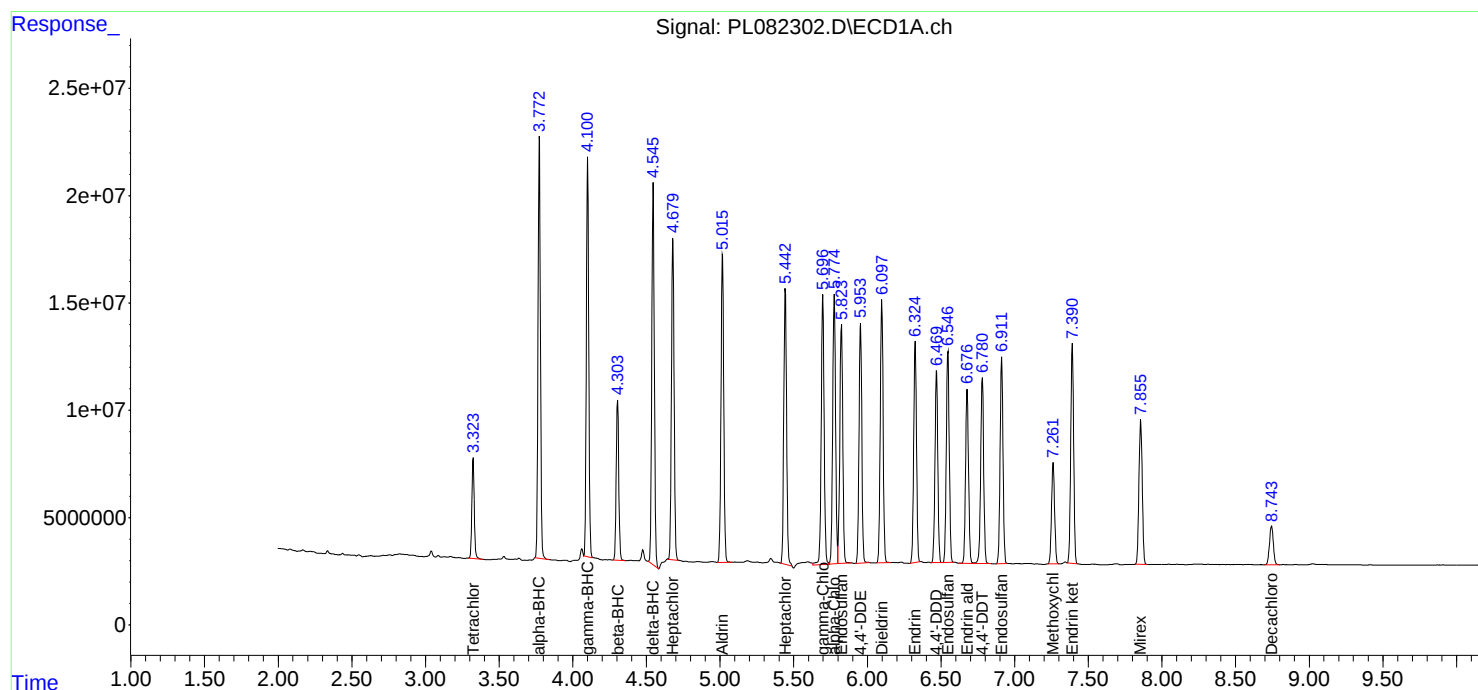
Instrument :
 ECD_L
 ClientSampleId :
 SPD-1WC-23-04-18MSD

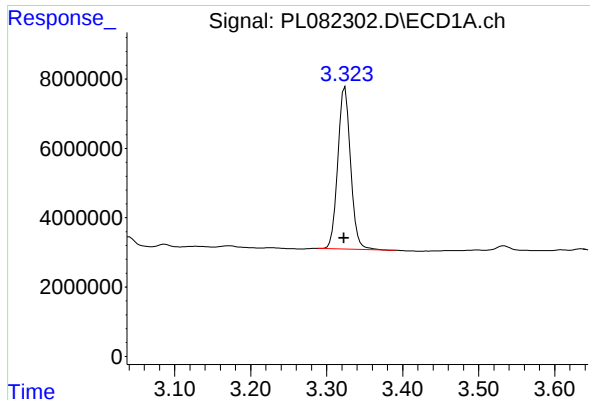
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/25/2023
 Supervised By :Ankita Jodhani 04/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:40:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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





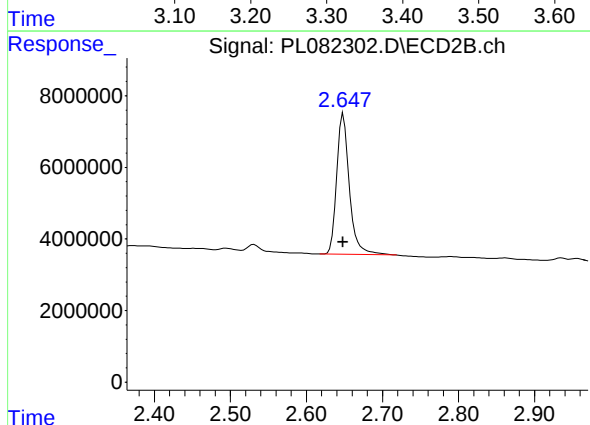
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 54132561
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

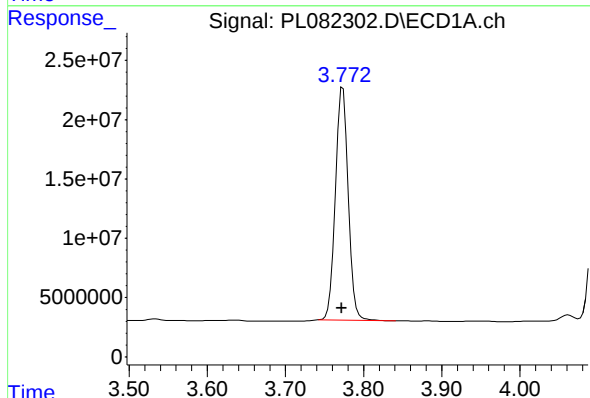
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



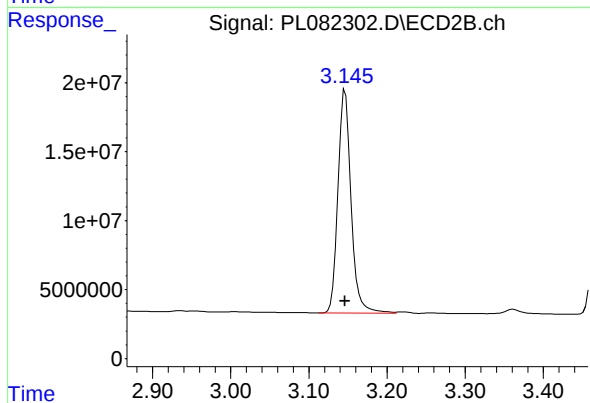
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 45213958
Conc: 19.52 ng/ml



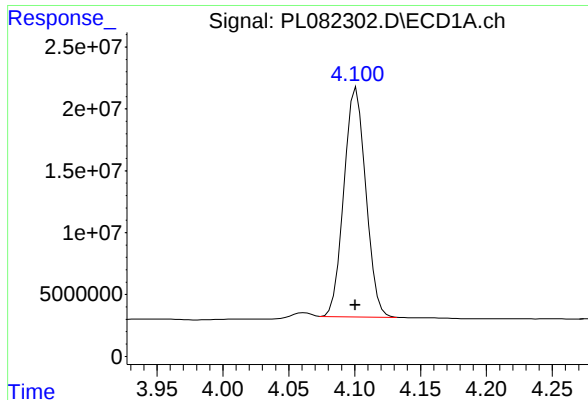
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.001 min
Response: 222687633
Conc: 55.95 ng/ml



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 189031106
Conc: 55.54 ng/ml



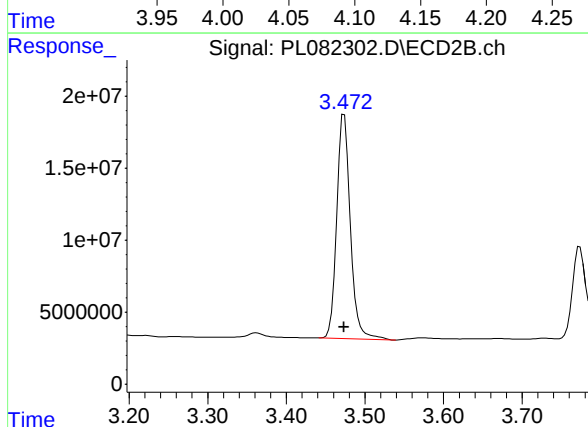
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 214241853
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

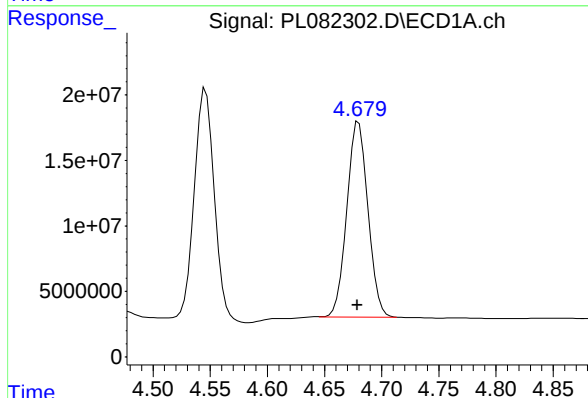
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



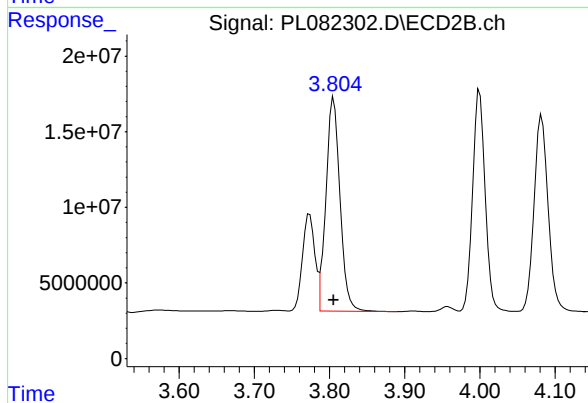
#3 gamma-BHC (Lindane)

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 187854714
Conc: 58.43 ng/ml



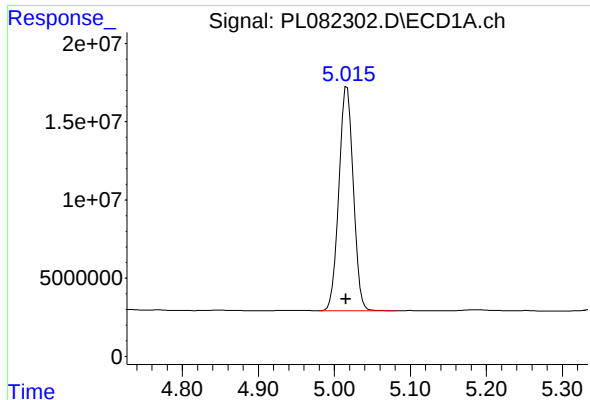
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 193129359
Conc: 52.86 ng/ml m



#4 Heptachlor

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 183606192
Conc: 53.64 ng/ml



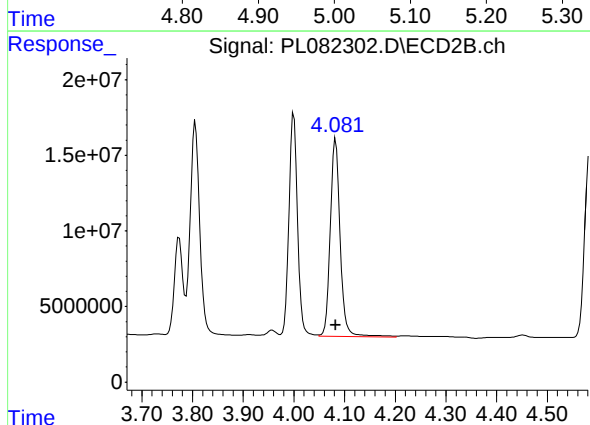
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.001 min
Response: 187834516
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

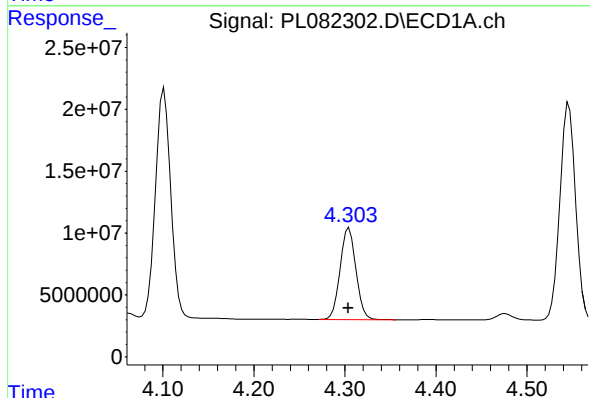
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



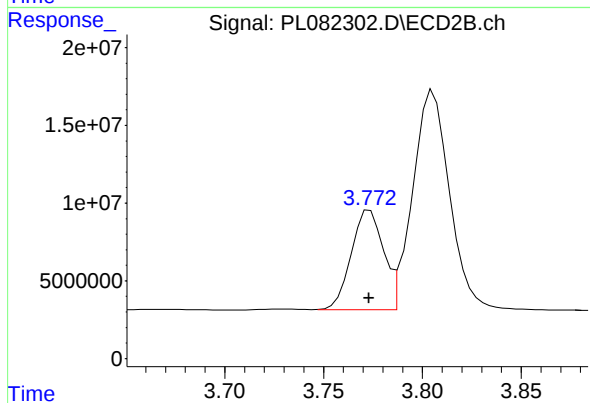
#5 Aldrin

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 177032064
Conc: 56.20 ng/ml



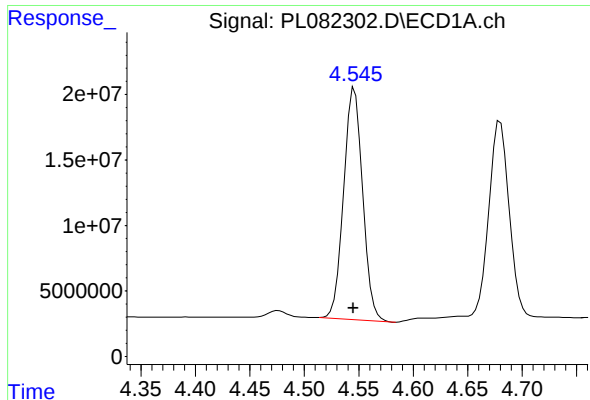
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 89253179
Conc: 52.33 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 72683146
Conc: 53.27 ng/ml



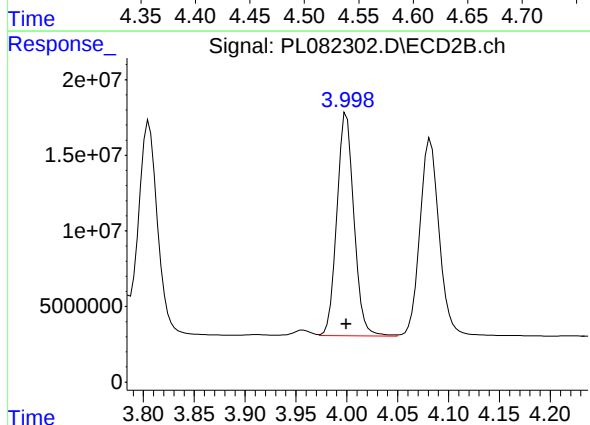
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 214620921
Conc: 59.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

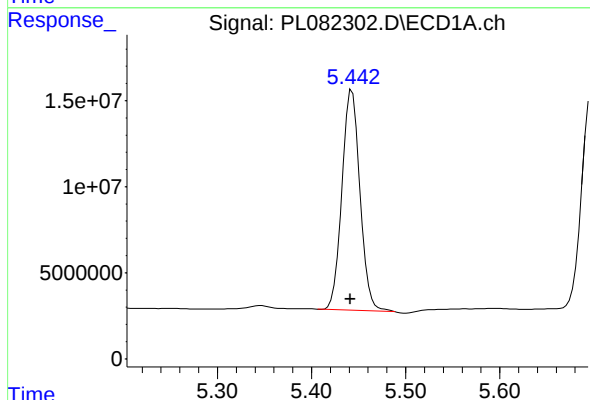
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



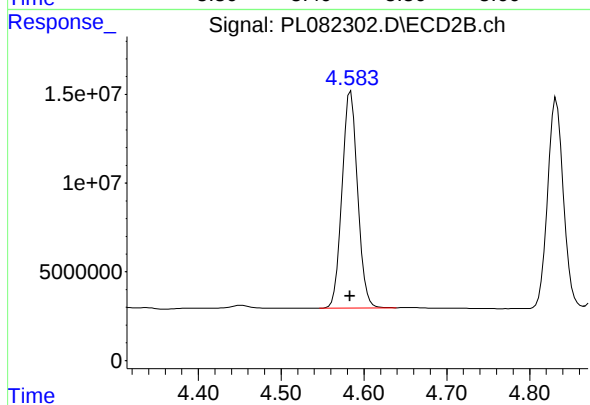
#7 delta-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 172023450
Conc: 56.08 ng/ml



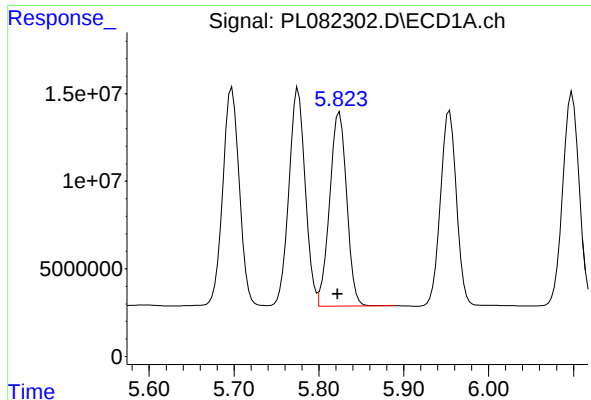
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 170617676
Conc: 55.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 159451756
Conc: 55.35 ng/ml



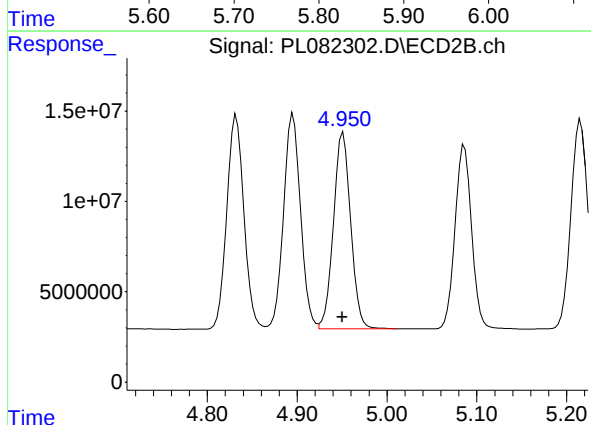
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 155077575
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

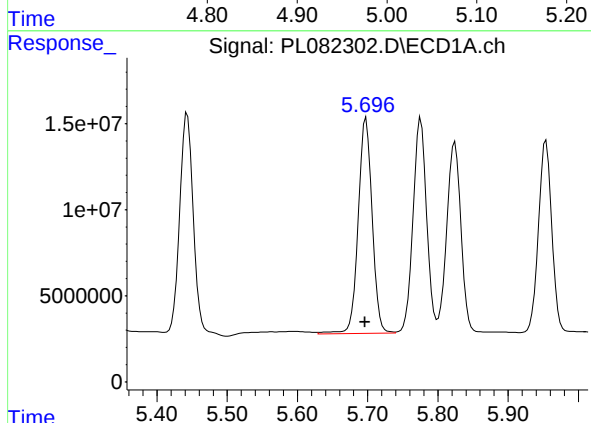
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



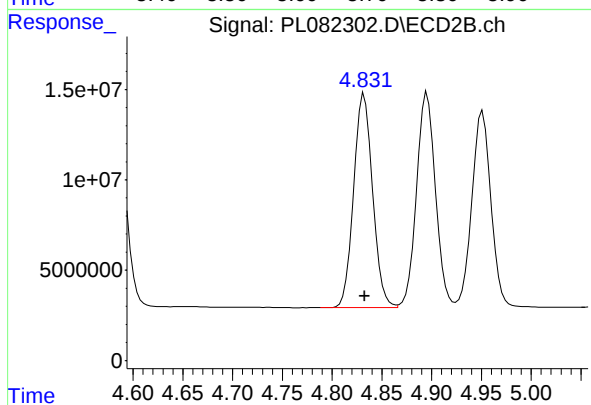
#9 Endosulfan I

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 144795833
Conc: 54.24 ng/ml



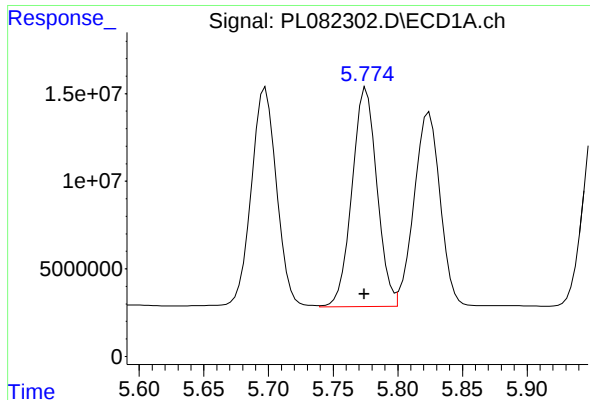
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 173664642
Conc: 57.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 156874041
Conc: 54.06 ng/ml



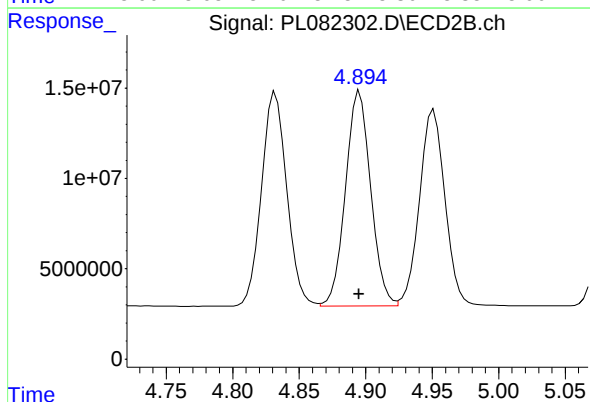
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 167163472
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

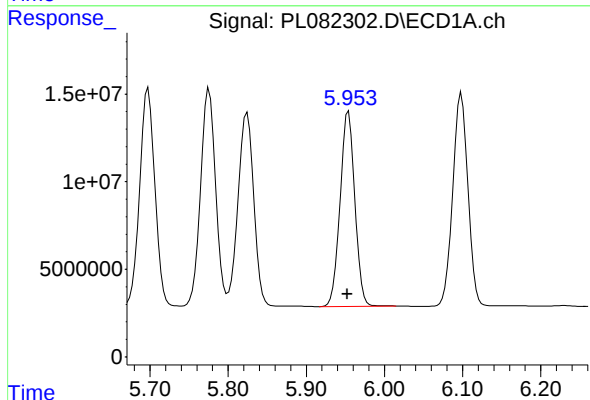
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



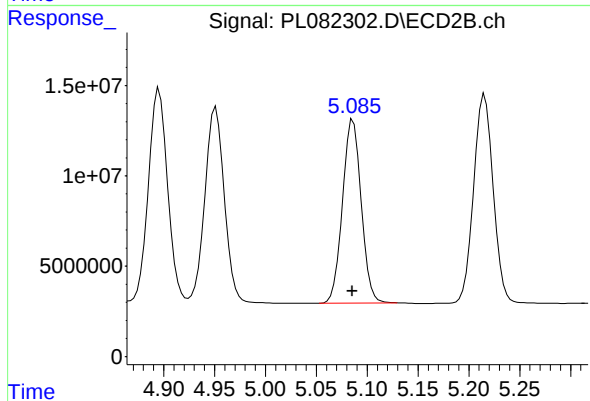
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 157115471
Conc: 54.12 ng/ml



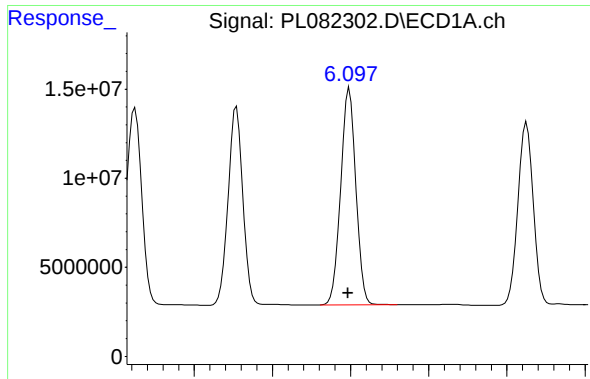
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 146288827
Conc: 57.55 ng/ml



#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 130093944
Conc: 56.59 ng/ml



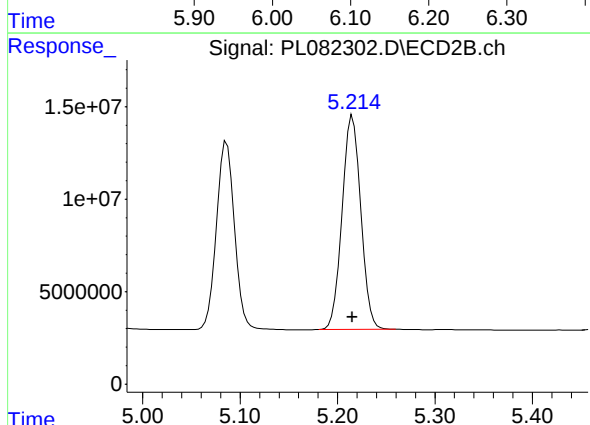
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 164191052
Conc: 59.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

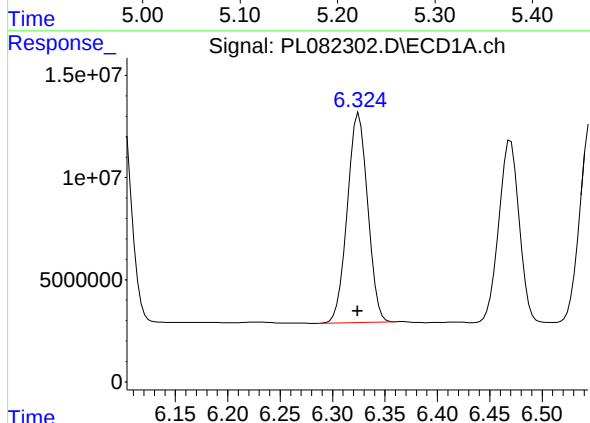
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



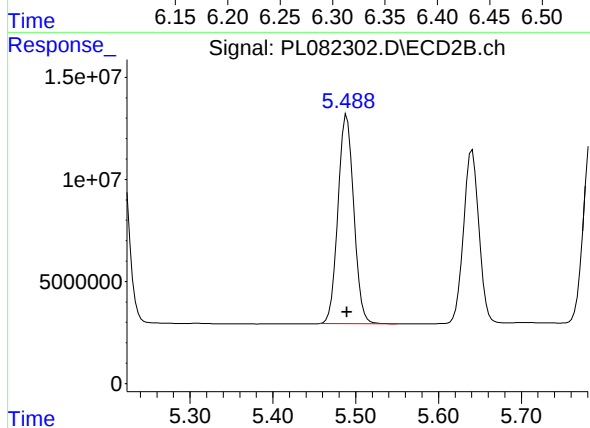
#13 Dieldrin

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 154377017
Conc: 57.17 ng/ml



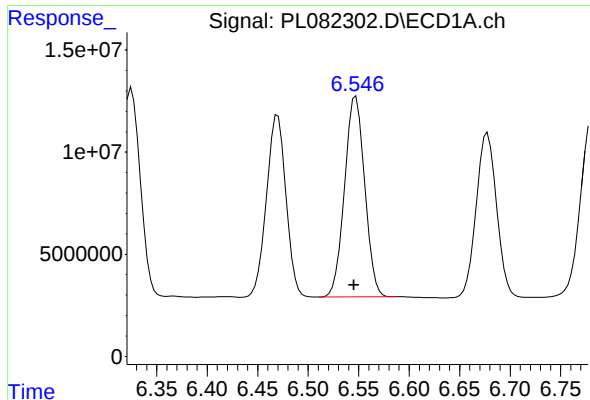
#14 Endrin

R.T.: 6.325 min
Delta R.T.: 0.001 min
Response: 139398283
Conc: 57.49 ng/ml



#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 135861109
Conc: 55.55 ng/ml



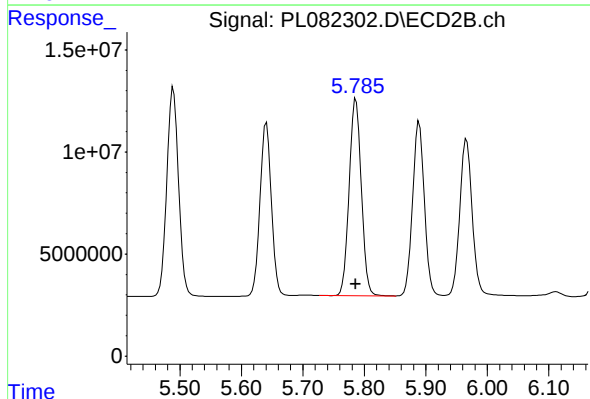
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 136651769
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

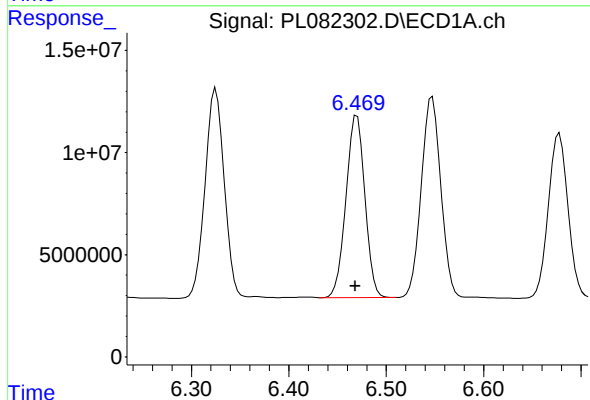
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



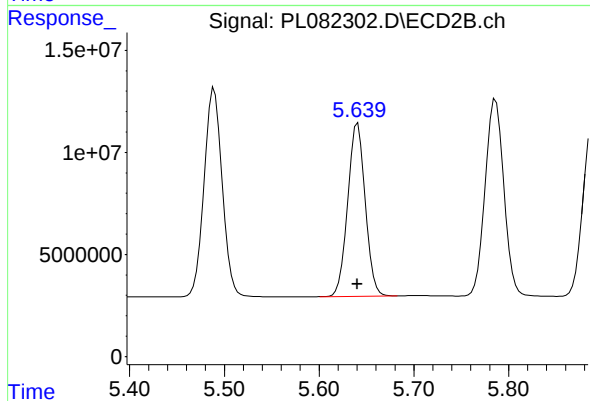
#15 Endosulfan II

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 132540118
Conc: 58.80 ng/ml



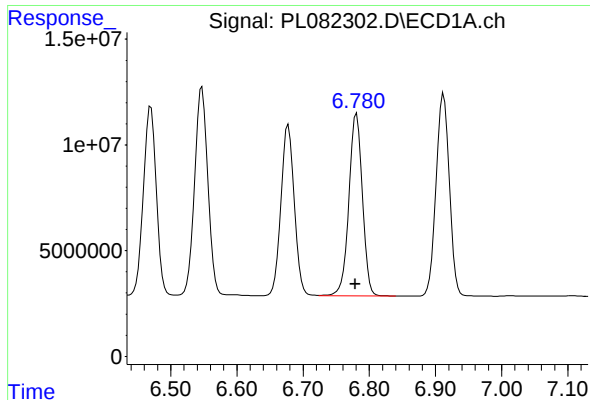
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 120142721
Conc: 59.27 ng/ml



#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 109063385
Conc: 58.31 ng/ml



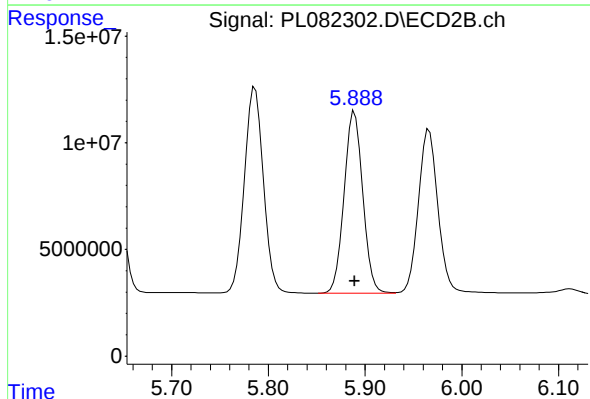
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 122230387
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

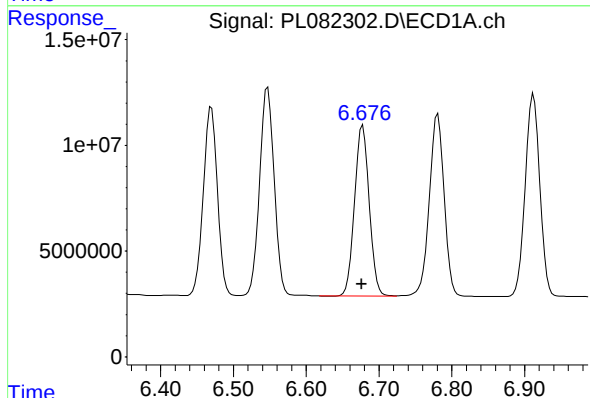
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



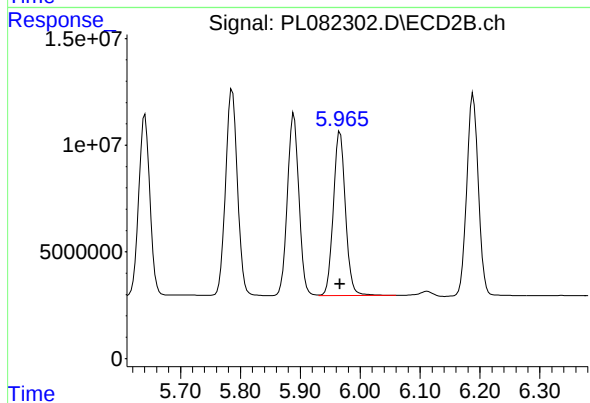
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 113723989
Conc: 53.83 ng/ml



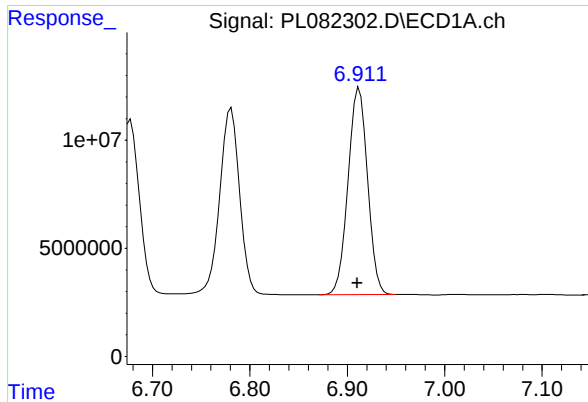
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 113275177
Conc: 60.12 ng/ml



#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 108064537
Conc: 57.75 ng/ml



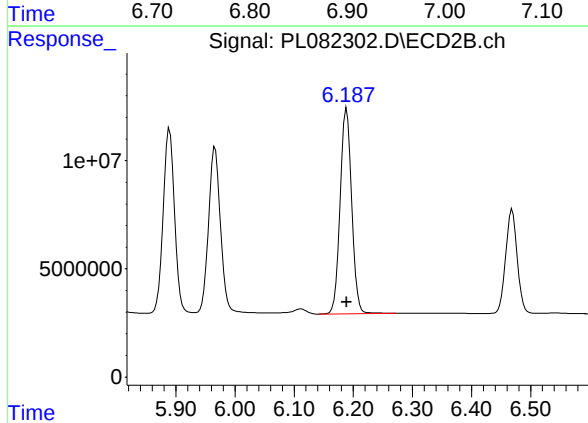
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 133042264
Conc: 56.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

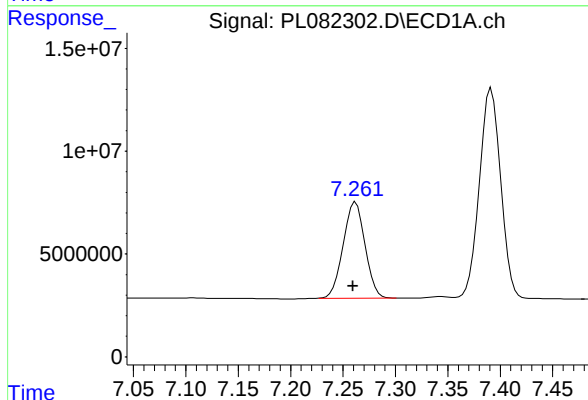
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



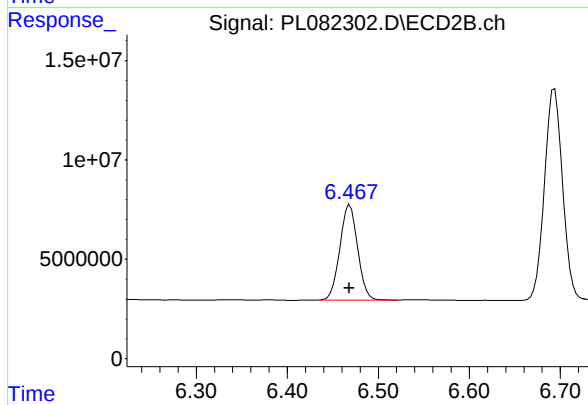
#19 Endosulfan Sulfate

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 128379923
Conc: 54.53 ng/ml



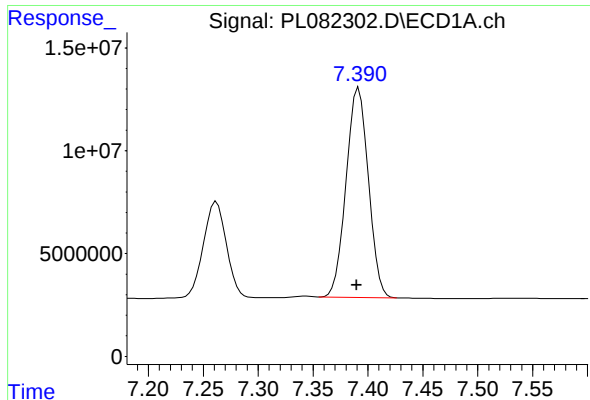
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 68079238
Conc: 55.79 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 64942821
Conc: 53.59 ng/ml



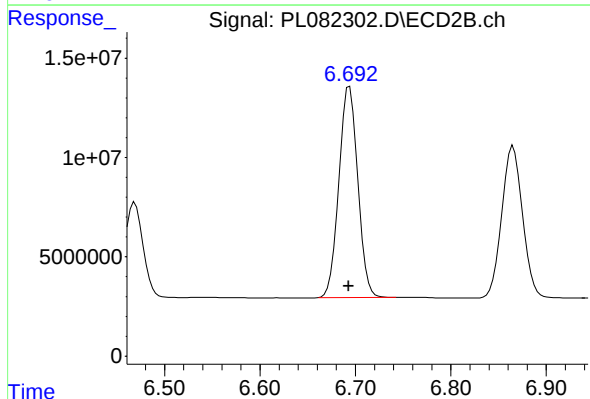
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 143961715
Conc: 60.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

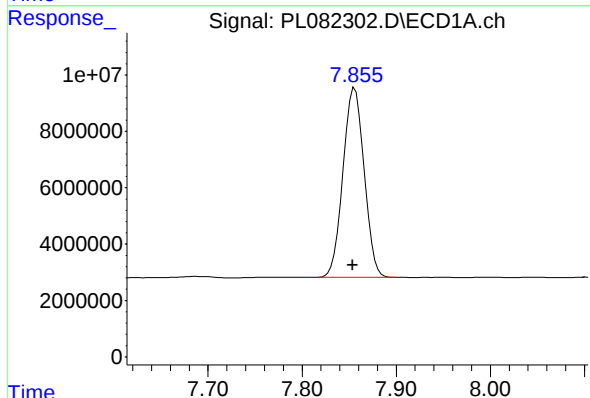
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



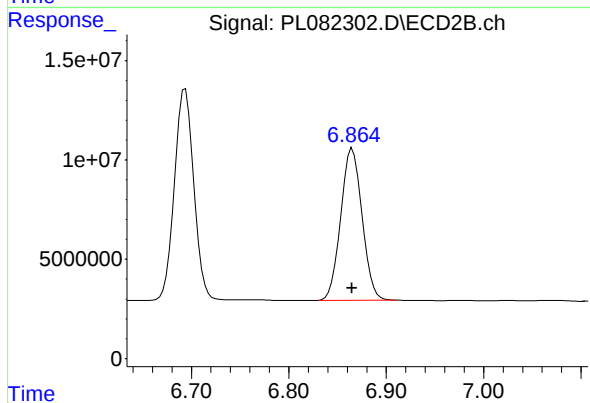
#21 Endrin ketone

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 146354411
Conc: 57.66 ng/ml



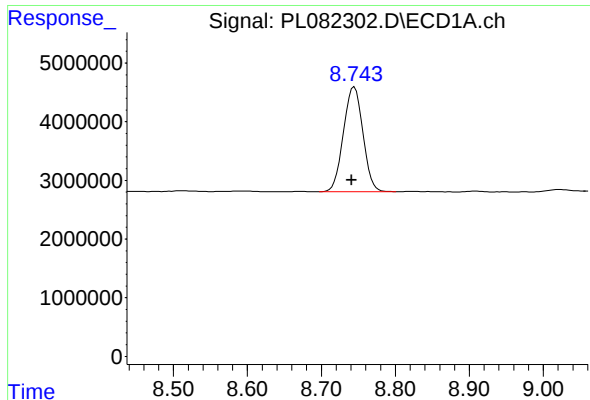
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 104986030
Conc: 53.67 ng/ml



#22 Mirex

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 116037552
Conc: 50.36 ng/ml



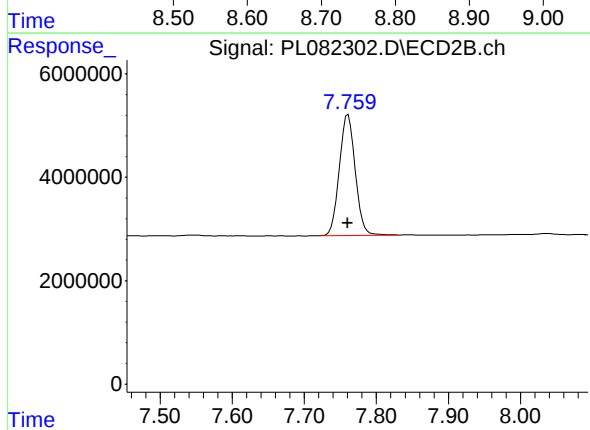
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 32728137
Conc: 17.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPD-1WC-23-04-18MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2023
Supervised By :Ankita Jodhani 04/25/2023



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 35667351
Conc: 15.63 ng/ml