

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 15:10
 Operator : AR\AJ
 Sample : 02427-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230353-COMP-31MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:49:15 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...	3.323	2.648	36540826	29657463	13.680	12.801
28)	SA Decachlor...	8.741	7.760	18366311	20757708	9.621	9.094
Target Compounds							
2)	A alpha-BHC	3.773	3.147	173.7E6	141.1E6	43.629	41.462
3)	MA gamma-BHC...	4.101	3.474	168.4E6	141.9E6	45.027	44.140
4)	MA Heptachlor	4.678	3.806	149.0E6	132.3E6	40.778m	38.659
5)	MB Aldrin	5.014	4.080	149.4E6	142.5E6	45.314m	45.235m
6)	B beta-BHC	4.304	3.773	72395573	56327984	42.448	41.284
7)	B delta-BHC	4.546	4.000	173.6E6	130.5E6	48.241	42.552
8)	B Heptachlo...	5.442	4.584	135.2E6	124.3E6	44.331	43.156
9)	A Endosulfan I	5.821	4.951	155.9E6	115.4E6	56.230	43.212
10)	B gamma-Chl...	5.697	4.832	137.7E6	127.4E6	45.781	43.891
11)	B alpha-Chl...	5.774	4.895	127.8E6	129.1E6	42.807	44.463
12)	B 4,4'-DDE	5.952	5.086	113.5E6	104.1E6	44.642	45.272
13)	MA Dieldrin	6.097	5.215	128.4E6	122.5E6	46.534	45.353
14)	MA Endrin	6.324	5.489	111.7E6	108.1E6	46.063	44.210
15)	B Endosulfa...	6.547	5.786	104.7E6	105.2E6	43.004	46.688
16)	A 4,4'-DDD	6.469	5.640	93479477	83340904	46.113	44.558
17)	MA 4,4'-DDT	6.779	5.889	100.2E6	92354285	43.811	43.716
18)	B Endrin al...	6.676	5.966	90327383	87289941	47.940	46.645
19)	B Endosulfa...	6.911	6.189	104.6E6	102.4E6	44.126	43.489
20)	A Methoxychlor	7.259	6.468	56342540	54084043	46.170	44.630
21)	B Endrin ke...	7.390	6.693	112.7E6	115.0E6	47.064	45.308
22)	Mirex	7.854	6.865	86472261	99123544	44.201	43.017

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
Data File : PL082247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 15:10
Operator : AR\AJ
Sample : 02427-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

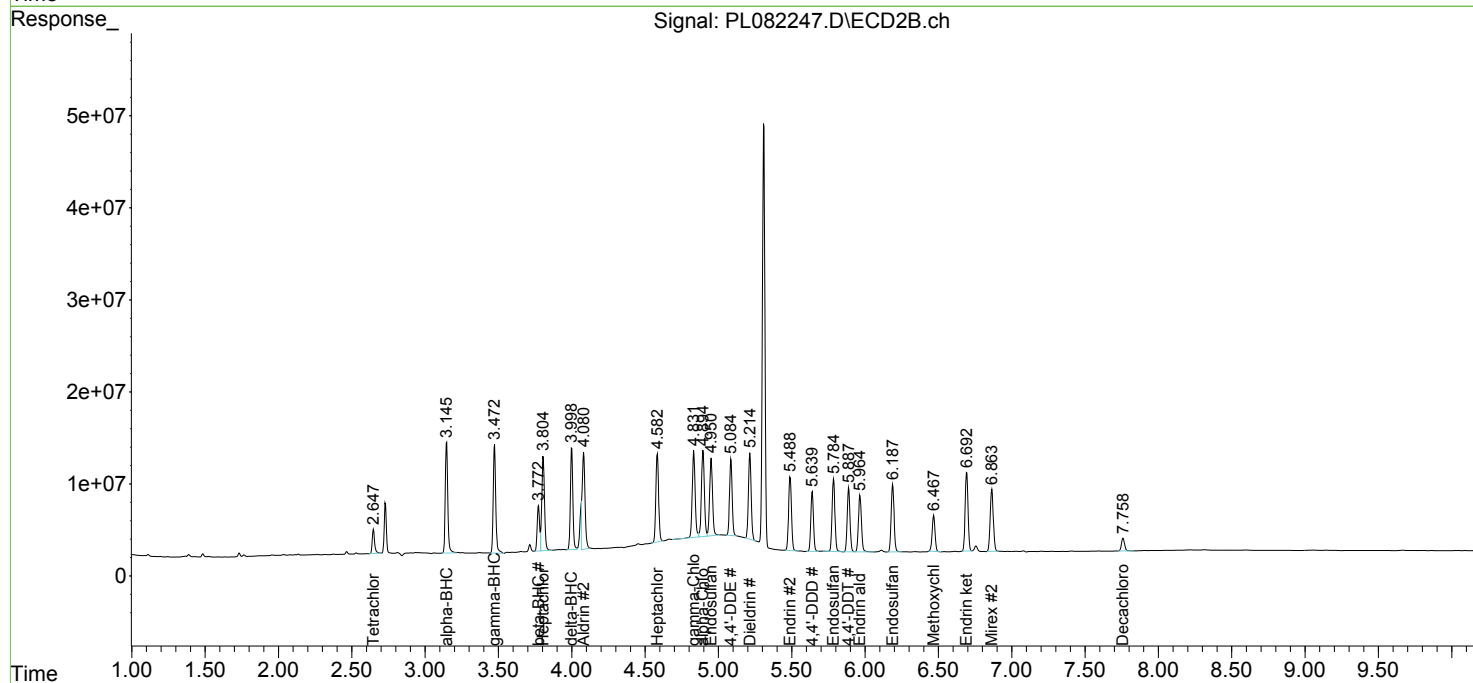
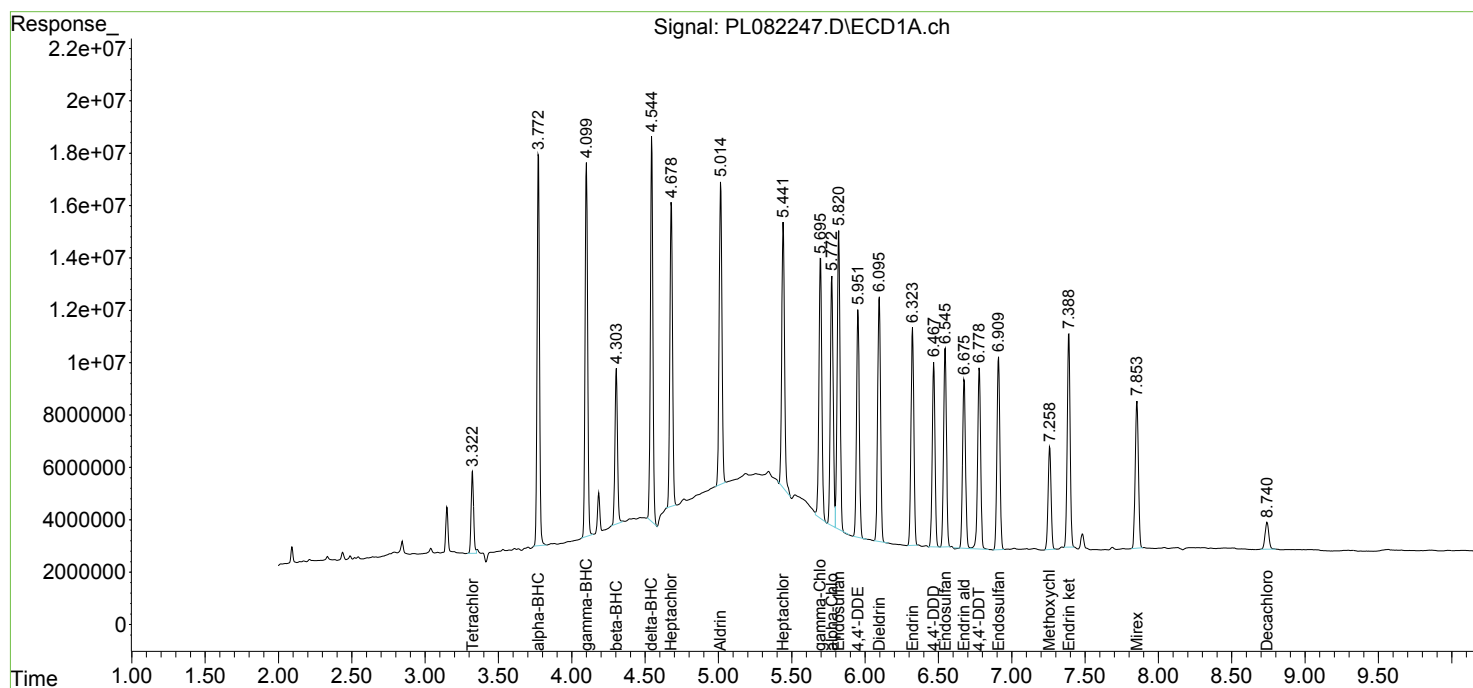
Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

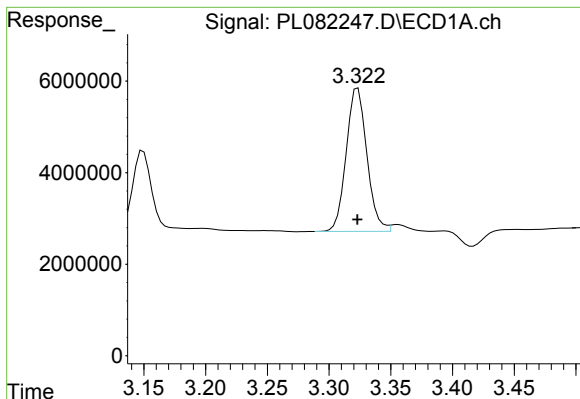
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 21:49:15 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





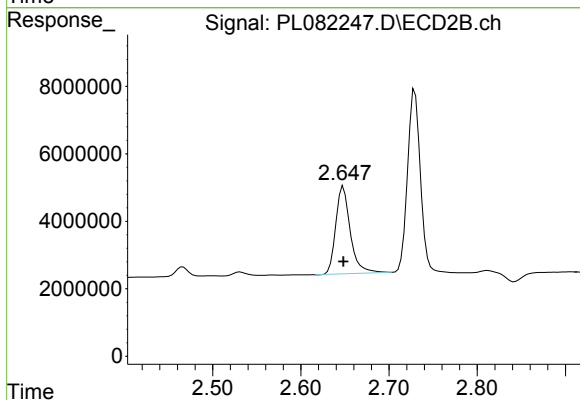
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 36540826
Conc: 13.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

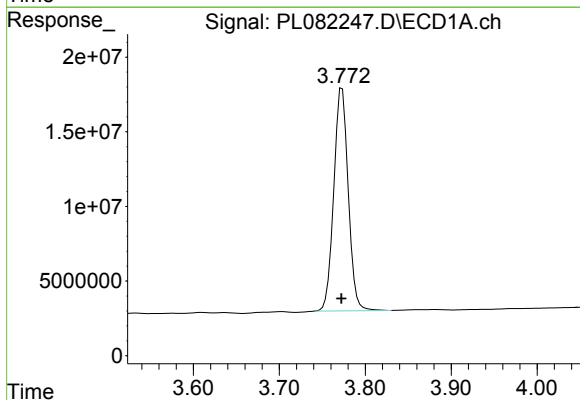
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



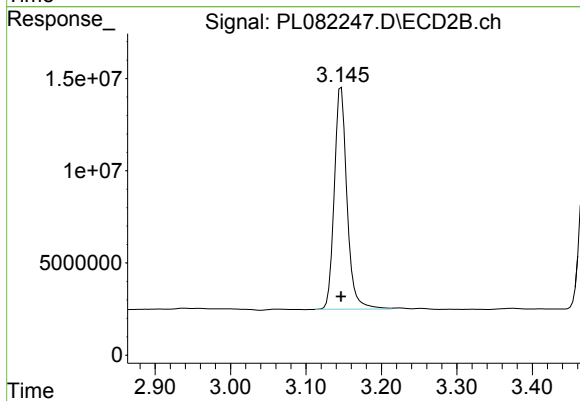
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 29657463
Conc: 12.80 ng/ml



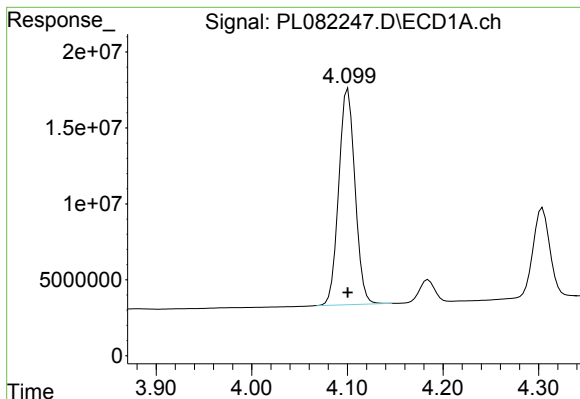
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 173653469
Conc: 43.63 ng/ml



#2 alpha-BHC

R.T.: 3.147 min
Delta R.T.: 0.000 min
Response: 141113894
Conc: 41.46 ng/ml



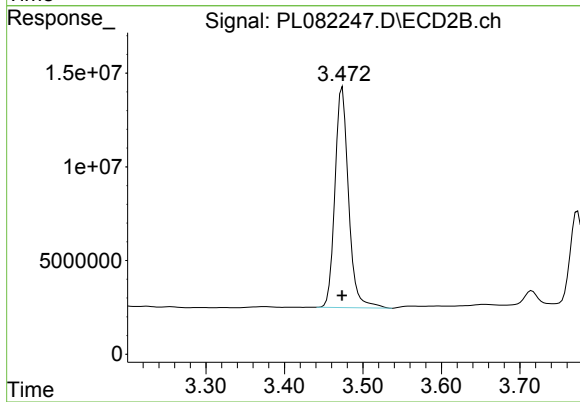
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 168354687
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

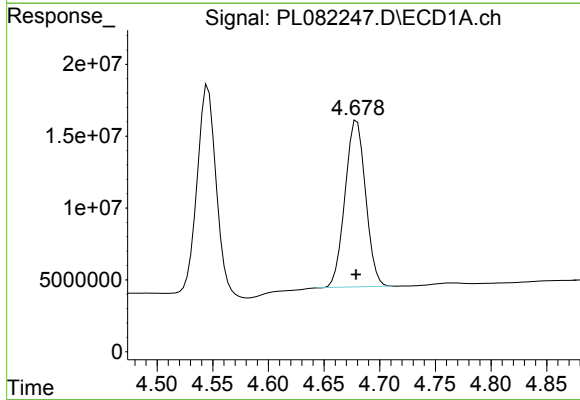
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



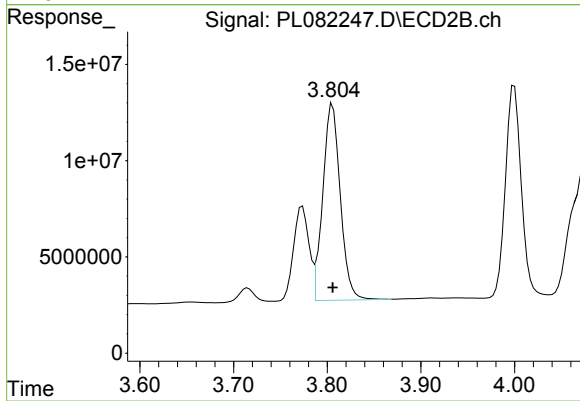
#3 gamma-BHC (Lindane)

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 141923979
Conc: 44.14 ng/ml



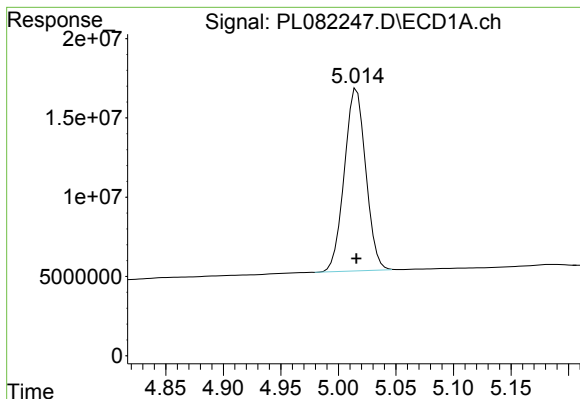
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 149001343
Conc: 40.78 ng/ml m



#4 Heptachlor

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 132339104
Conc: 38.66 ng/ml



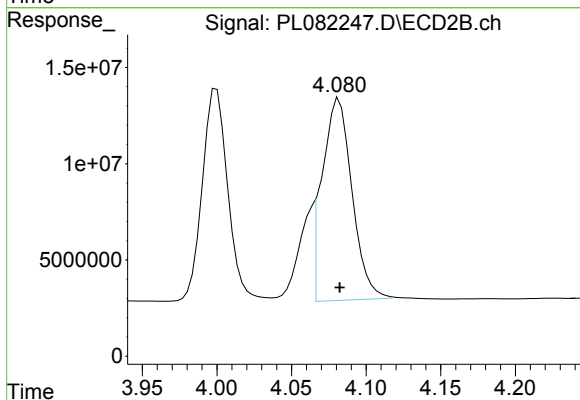
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.001 min
Response: 149427511
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

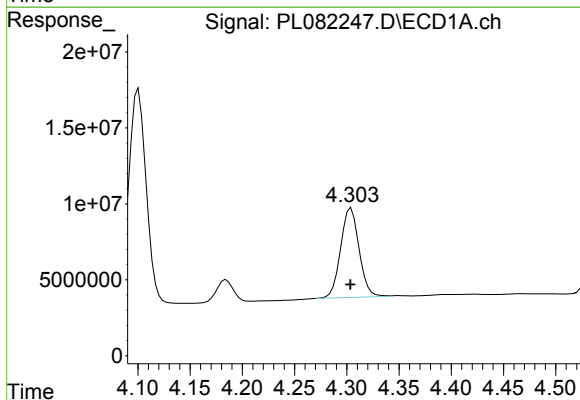
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



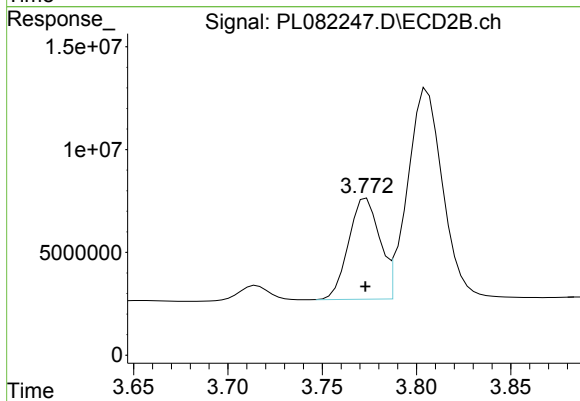
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 142485297
Conc: 45.24 ng/ml m



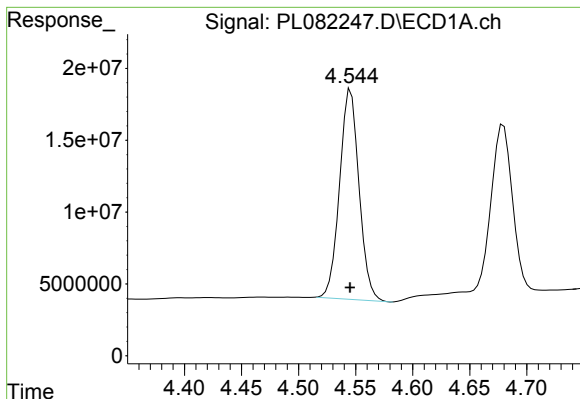
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 72395573
Conc: 42.45 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 56327984
Conc: 41.28 ng/ml



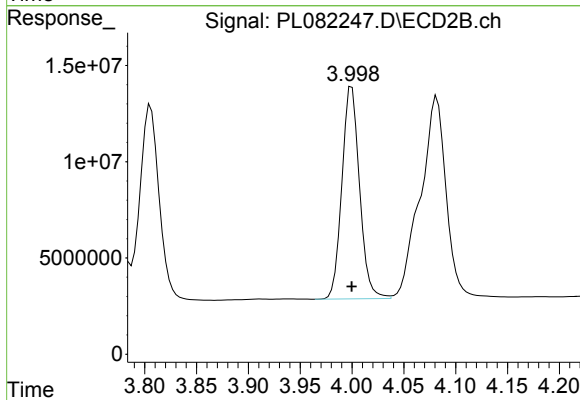
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 173561681
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

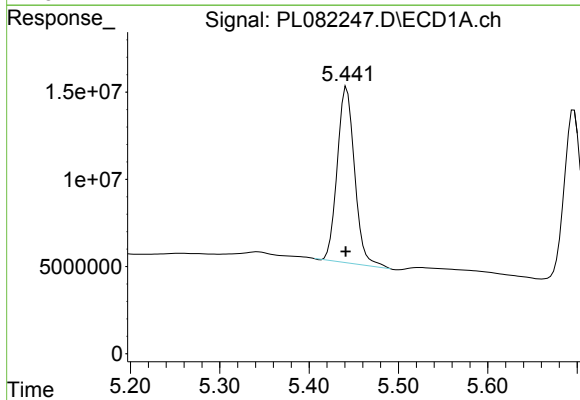
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



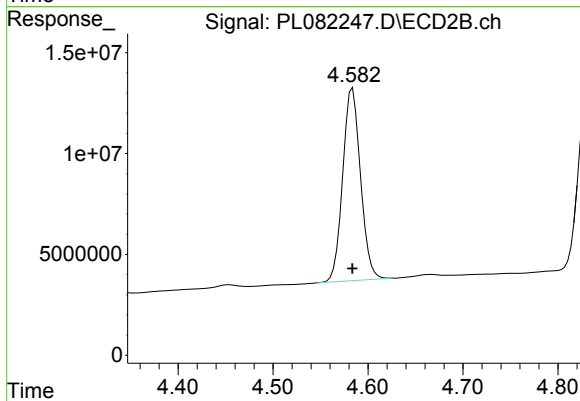
#7 delta-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 130524605
Conc: 42.55 ng/ml



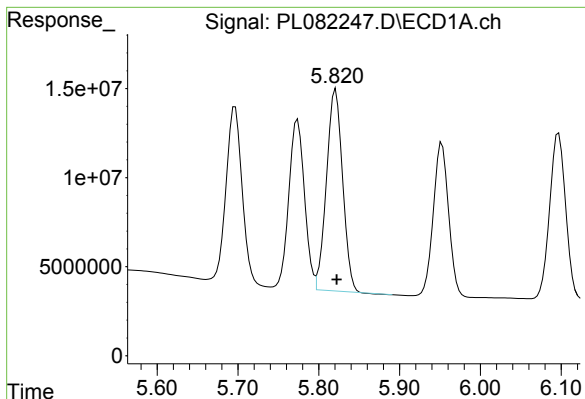
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 135225226
Conc: 44.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 124326107
Conc: 43.16 ng/ml



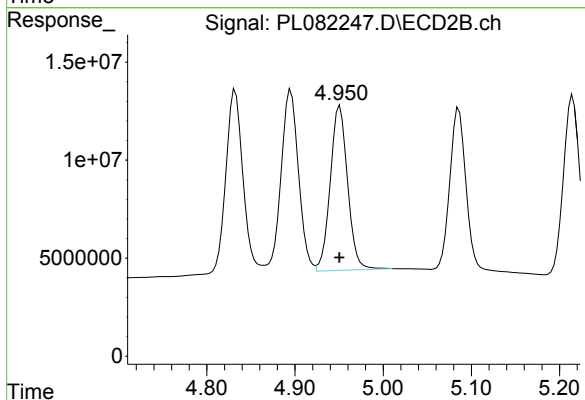
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 155910165
Conc: 56.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

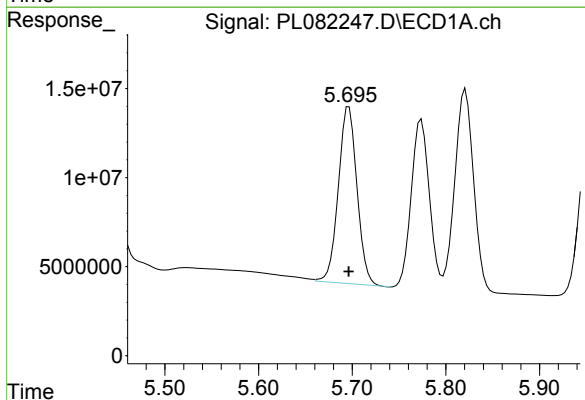
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



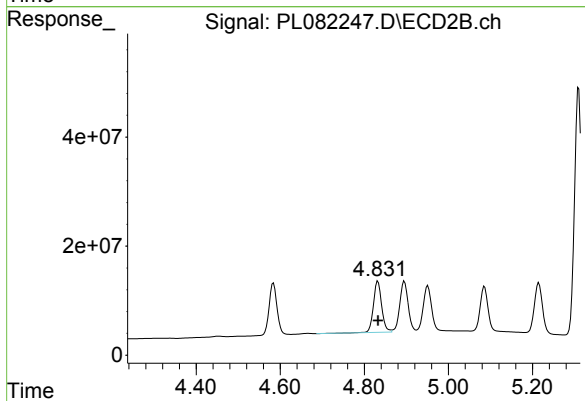
#9 Endosulfan I

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 115352913
Conc: 43.21 ng/ml



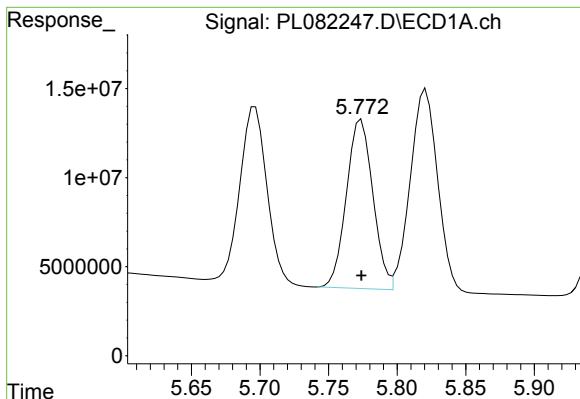
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 137658647
Conc: 45.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 127364315
Conc: 43.89 ng/ml



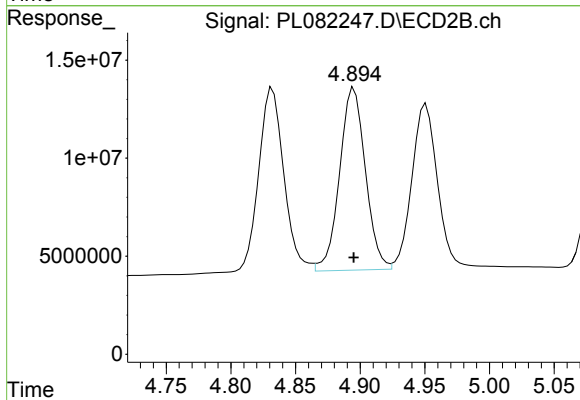
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 127760799
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

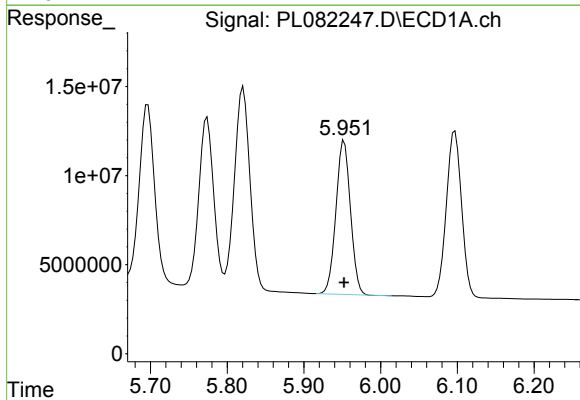
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



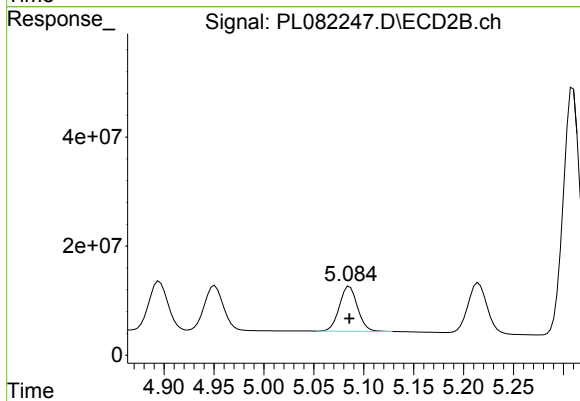
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 129067798
Conc: 44.46 ng/ml



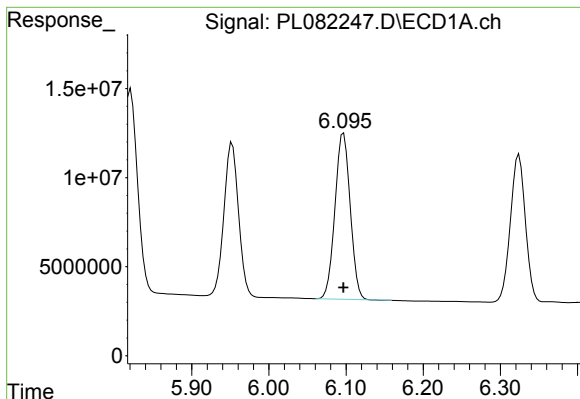
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 113481812
Conc: 44.64 ng/ml



#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 104079103
Conc: 45.27 ng/ml



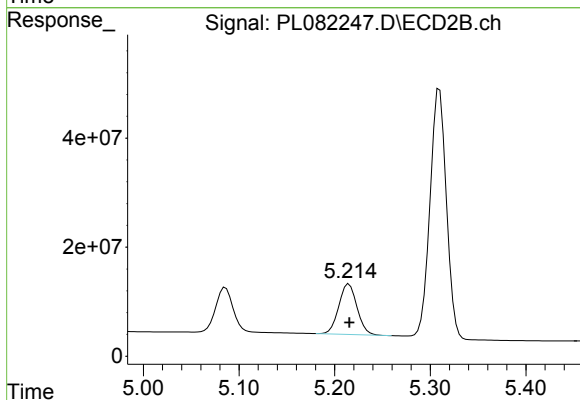
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 128393134
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

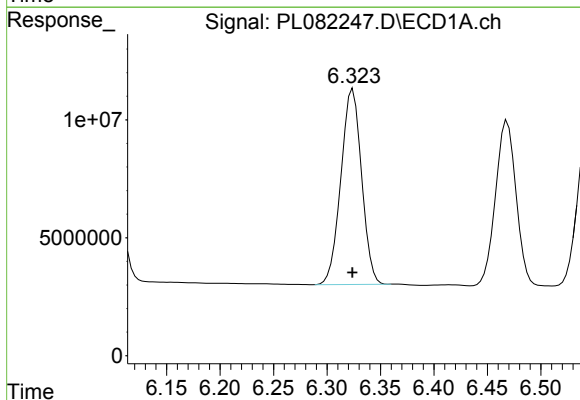
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



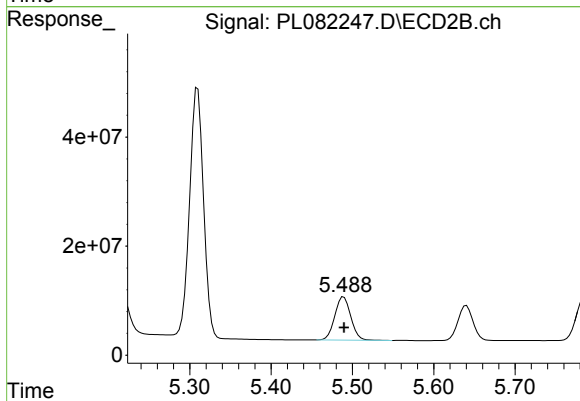
#13 Dieldrin

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 122471655
Conc: 45.35 ng/ml



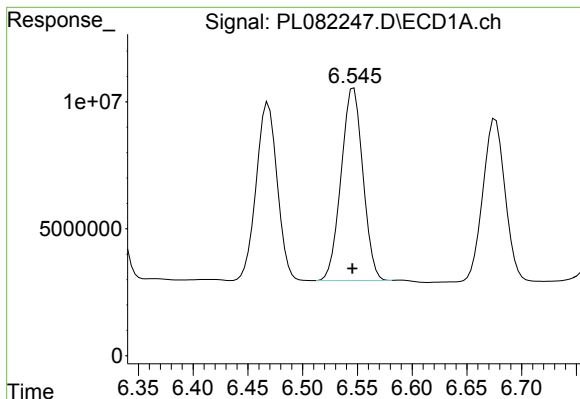
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 111681289
Conc: 46.06 ng/ml



#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 108136515
Conc: 44.21 ng/ml



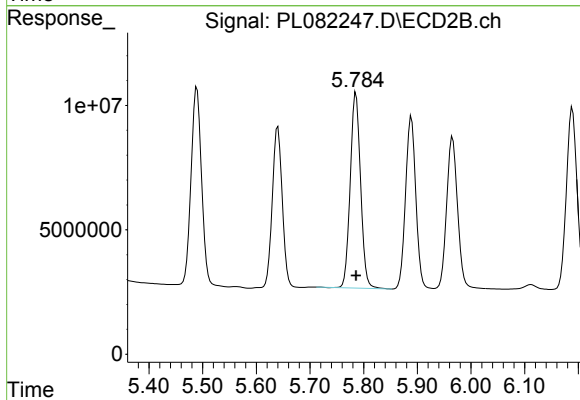
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 104695944
Conc: 43.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

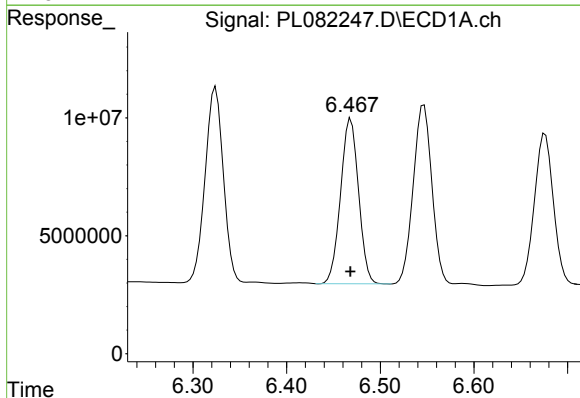
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



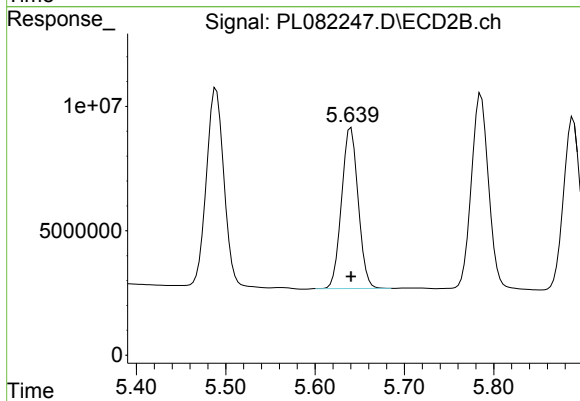
#15 Endosulfan II

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 105240615
Conc: 46.69 ng/ml



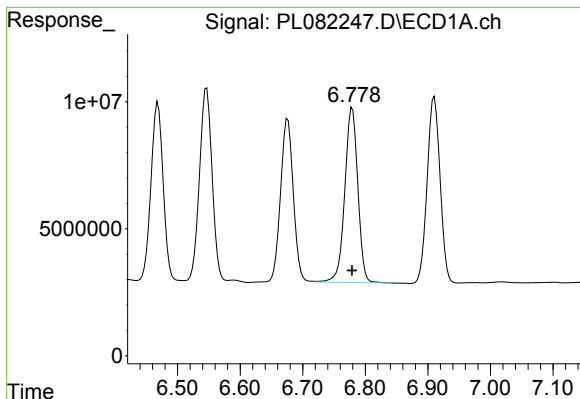
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 93479477
Conc: 46.11 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 83340904
Conc: 44.56 ng/ml



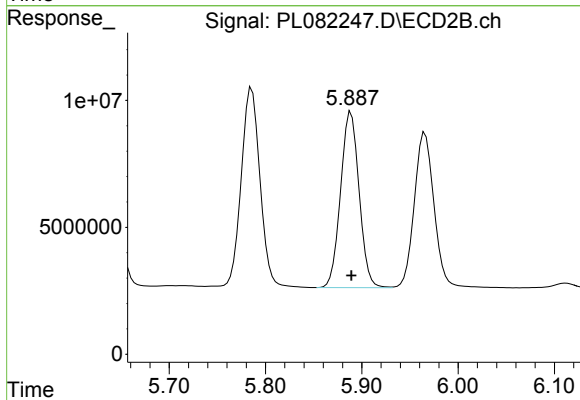
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 100228152
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

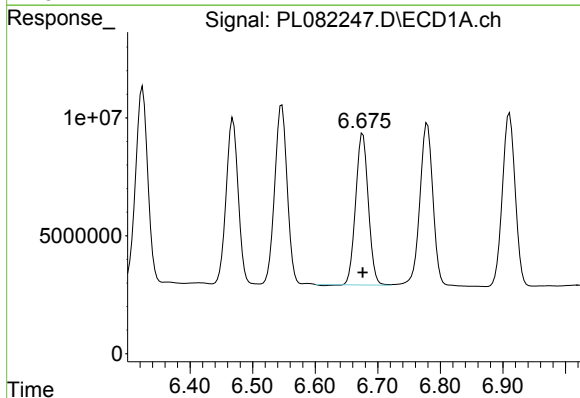
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



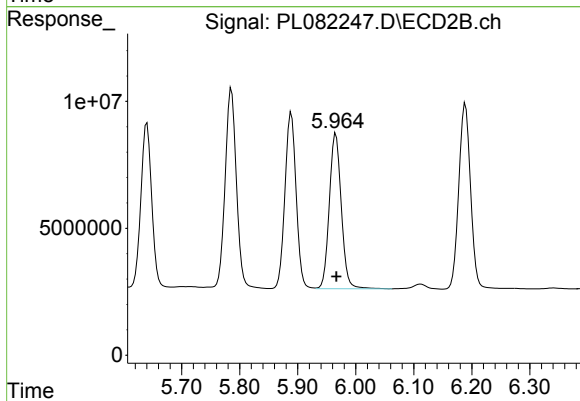
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 92354285
Conc: 43.72 ng/ml



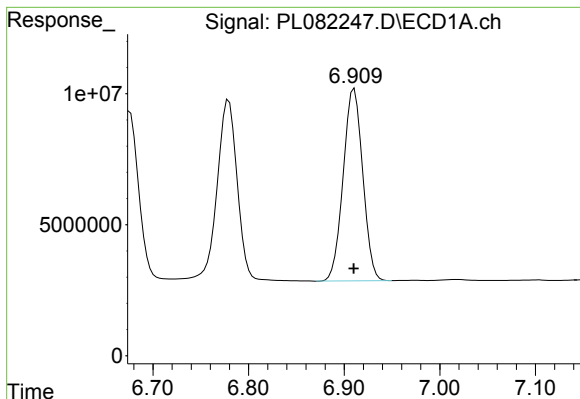
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 90327383
Conc: 47.94 ng/ml



#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 87289941
Conc: 46.64 ng/ml



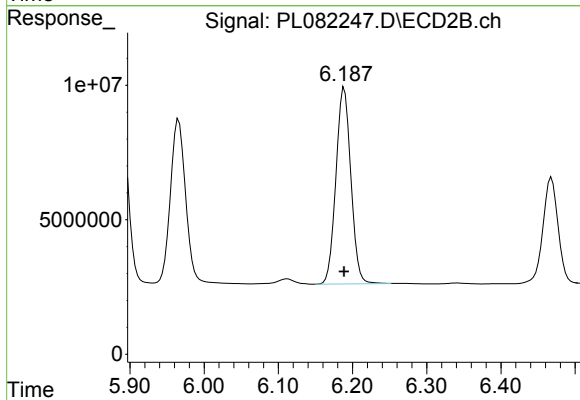
#19 Endosulfan Sulfate

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 104645663
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

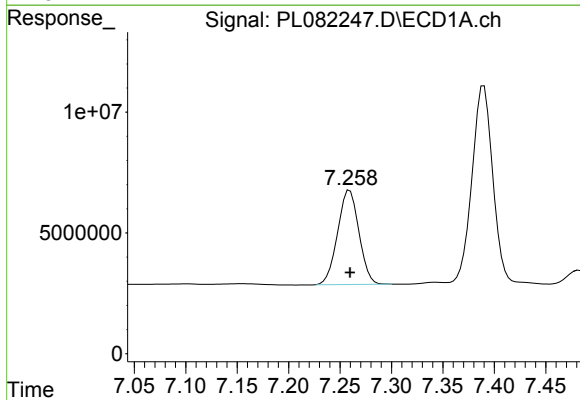
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



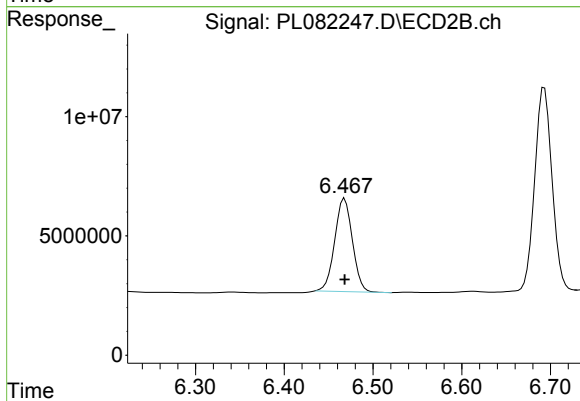
#19 Endosulfan Sulfate

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 102385573
Conc: 43.49 ng/ml



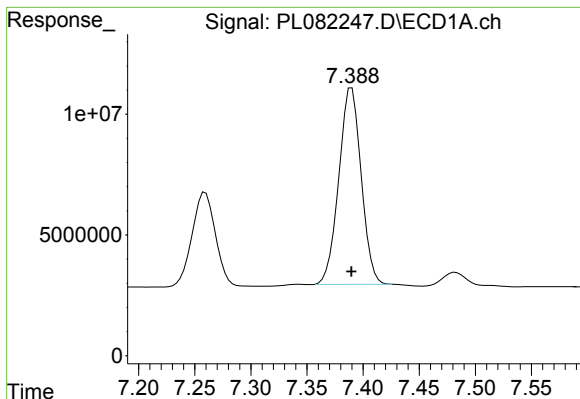
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 56342540
Conc: 46.17 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 54084043
Conc: 44.63 ng/ml



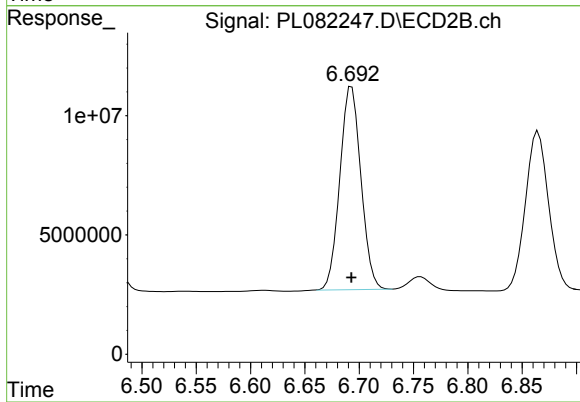
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 112691231
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

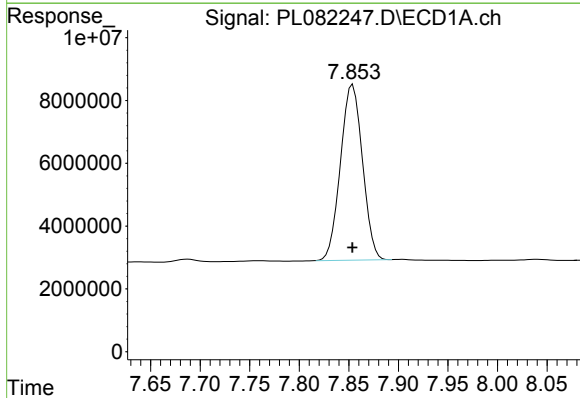
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



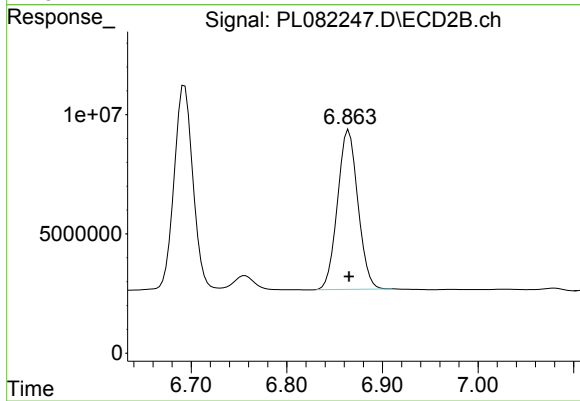
#21 Endrin ketone

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 115001003
Conc: 45.31 ng/ml



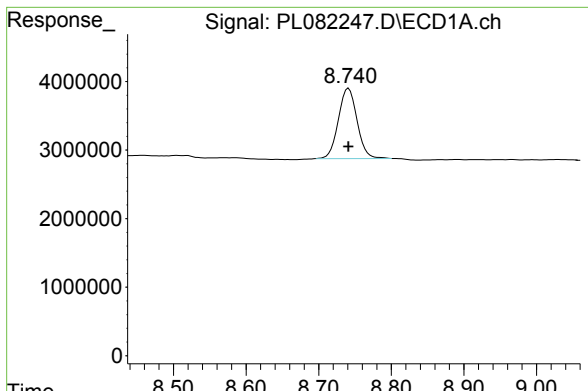
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 86472261
Conc: 44.20 ng/ml



#22 Mirex

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 99123544
Conc: 43.02 ng/ml



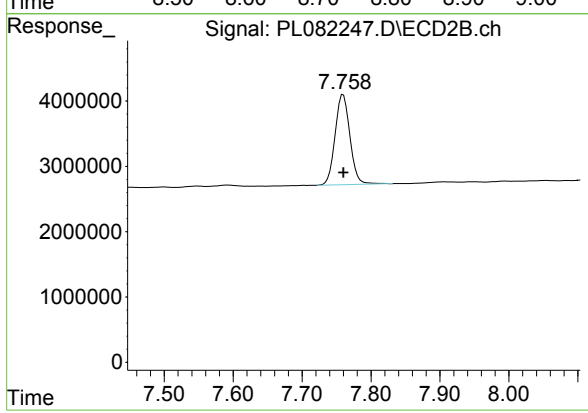
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 18366311
Conc: 9.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230353-COMP-31MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 20757708
Conc: 9.09 ng/ml