

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 17:06
 Operator : AR\AJ
 Sample : PB151302BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151302BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2023
 Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:28:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.336	2.663	49417684	44036763	22.873	21.759
28)	SA Decachlor...	8.760	7.786	40611627	45450411	26.639	23.727
Target Compounds							
2)	A alpha-BHC	3.786	3.163	168.2E6	143.0E6	52.887	48.783
3)	MA gamma-BHC...	4.114	3.491	155.2E6	134.3E6	52.470	48.822
4)	MA Heptachlor	4.694	3.826	147.6E6	135.0E6	53.475	48.923
5)	MB Aldrin	5.031	4.103	139.2E6	128.3E6	54.716	48.949
6)	B beta-BHC	4.317	3.791	66243724	53787709	48.126	46.344
7)	B delta-BHC	4.558	4.019	149.9E6	128.9E6	53.939	50.604
8)	B Heptachlo...	5.457	4.606	123.6E6	117.9E6	52.355	48.749
9)	A Endosulfan I	5.838	4.974	112.8E6	108.5E6	53.394	47.951
10)	B gamma-Chl...	5.712	4.855	126.3E6	118.8E6	55.335	48.516
11)	B alpha-Chl...	5.790	4.918	123.6E6	118.5E6	54.847	48.395
12)	B 4,4'-DDE	5.967	5.109	107.9E6	97150101	55.148	49.494
13)	MA Dieldrin	6.112	5.239	118.1E6	114.3E6	56.407	50.719
14)	MA Endrin	6.339	5.513	103.5E6	102.7E6	56.958	51.105
15)	B Endosulfa...	6.561	5.809	100.4E6	96094584	57.595	52.120
16)	A 4,4'-DDD	6.483	5.664	85812464	76715150	55.745	50.007
17)	MA 4,4'-DDT	6.794	5.913	90341042	84409414	56.915	52.614
18)	B Endrin al...	6.690	5.990	82574916	81287097	57.690m	53.653
19)	B Endosulfa...	6.925	6.212	99261952	95093732	55.284	49.475
20)	A Methoxychlor	7.274	6.493	50562139	47590808	58.700	51.278
21)	B Endrin ke...	7.404	6.718	100.6E6	103.8E6	55.460	48.196
22)	Mirex	7.869	6.890	80304056	94151607	55.036	48.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
Data File : PL081368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Mar 2023 17:06
Operator : AR\AJ
Sample : PB151302BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

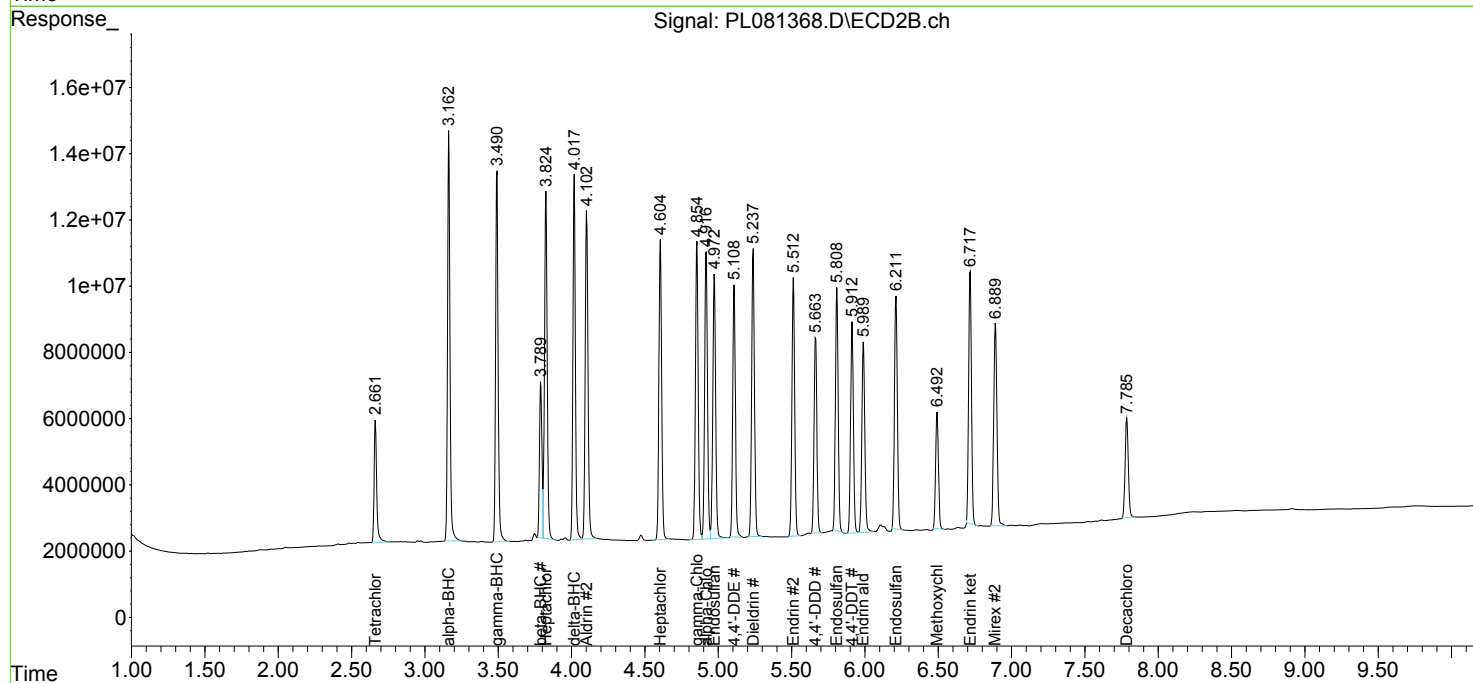
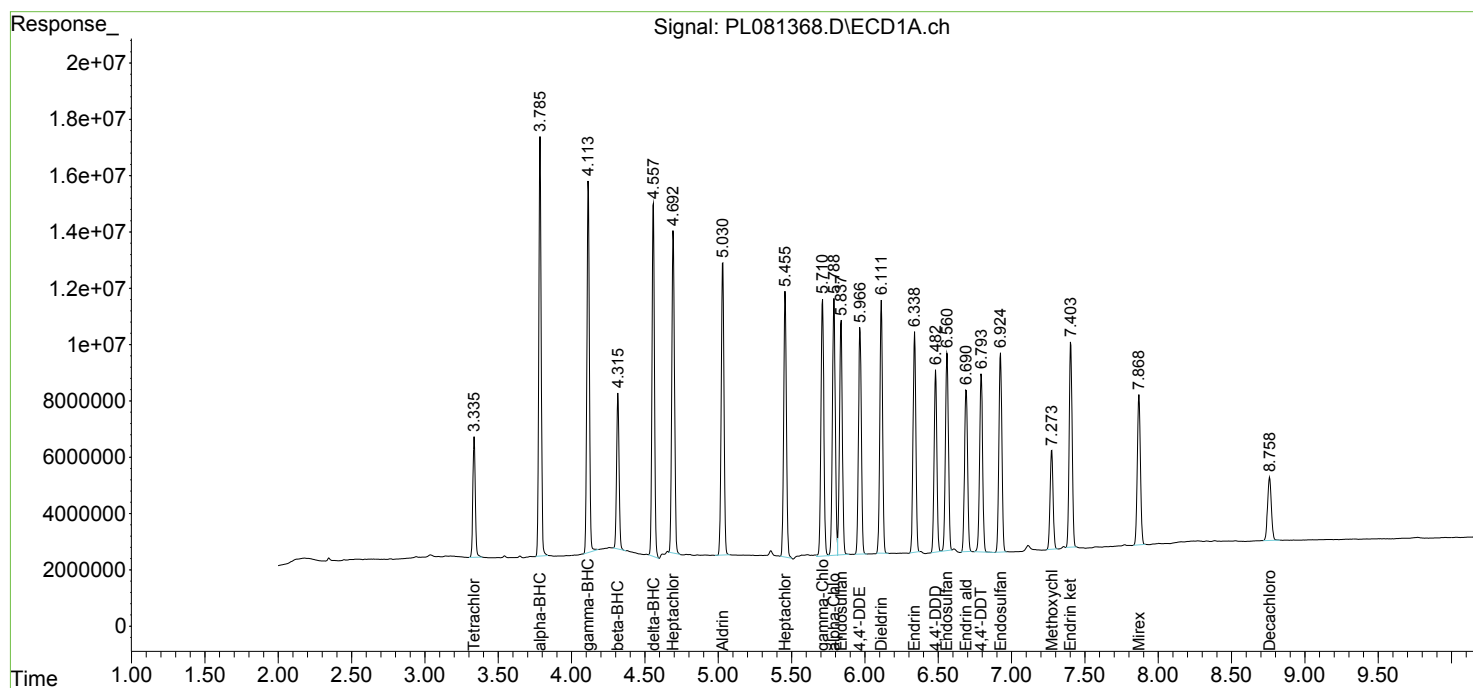
Instrument :
ECD_L
ClientSampleId :
PB151302BS

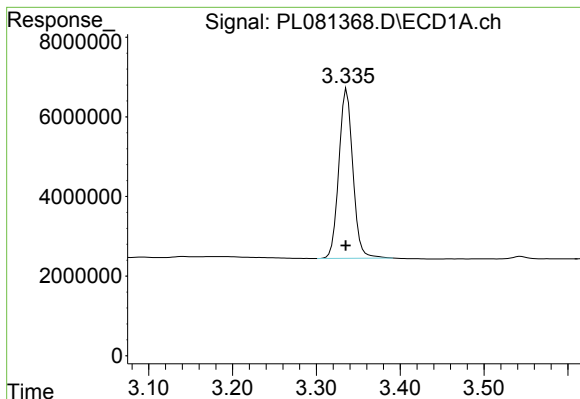
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/10/2023
Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 20:28:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





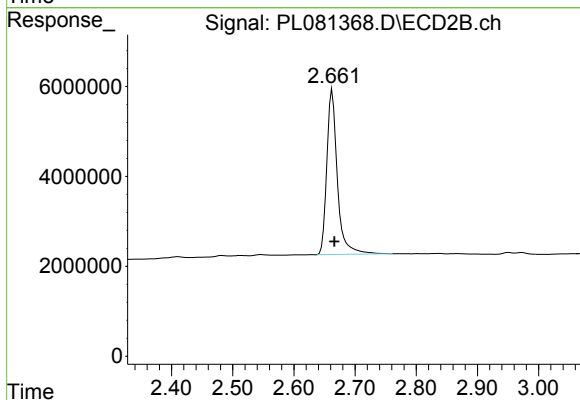
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.001 min
Response: 49417684
Conc: 22.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

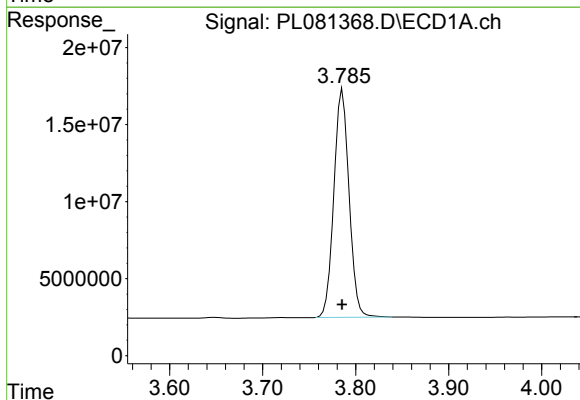
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



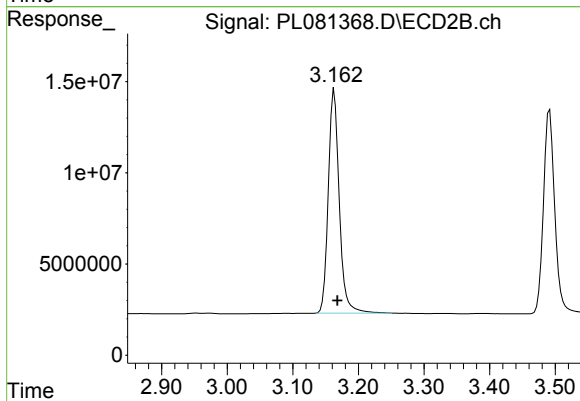
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.004 min
Response: 44036763
Conc: 21.76 ng/ml



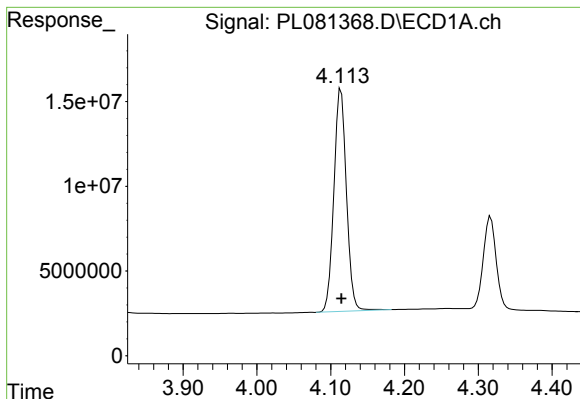
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 168247110
Conc: 52.89 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.004 min
Response: 142965288
Conc: 48.78 ng/ml



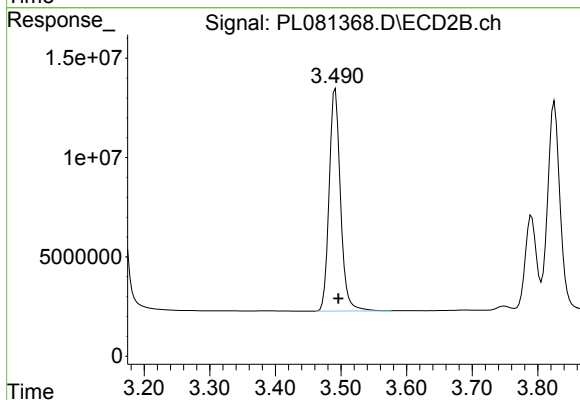
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 155238290
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

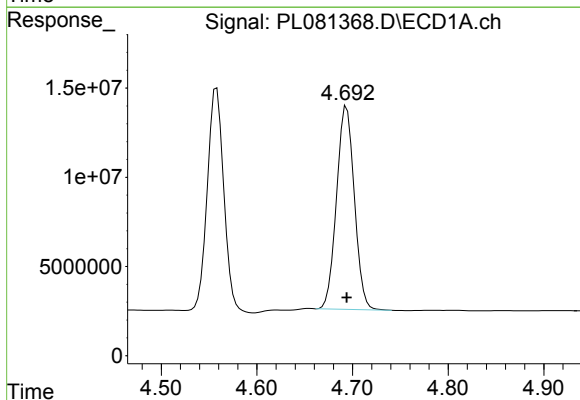
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



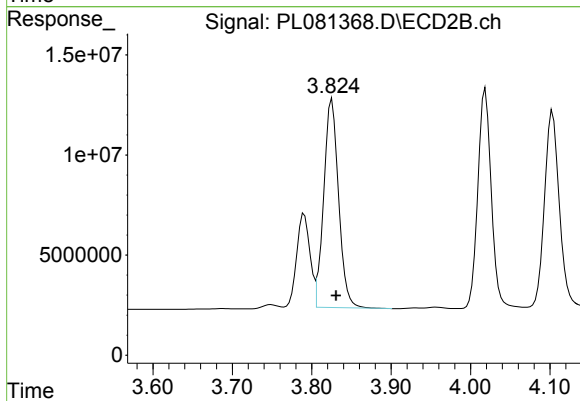
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.005 min
Response: 134310999
Conc: 48.82 ng/ml



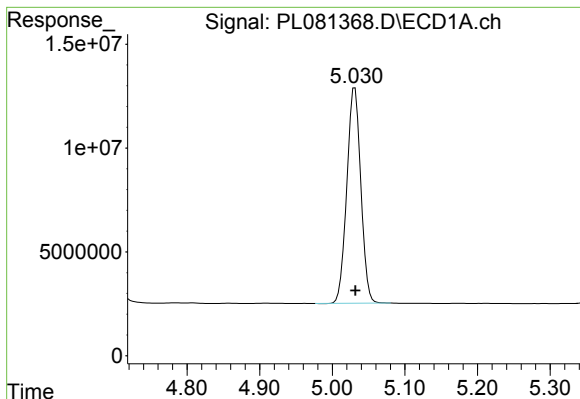
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 147557637
Conc: 53.47 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.005 min
Response: 135005386
Conc: 48.92 ng/ml



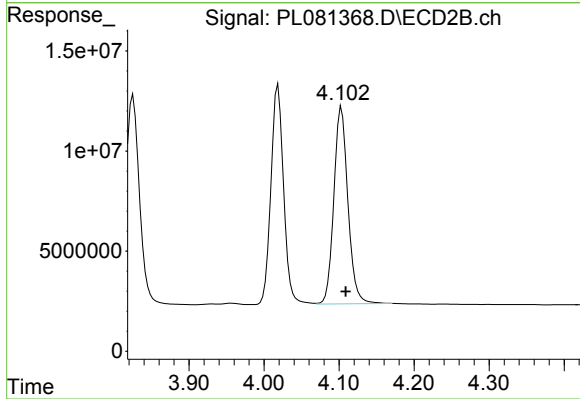
#5 Aldrin

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 139206449
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

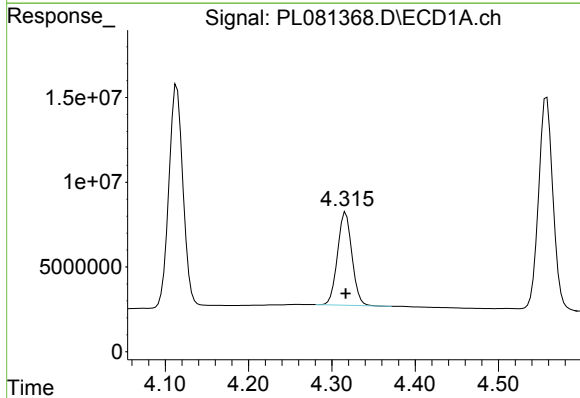
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



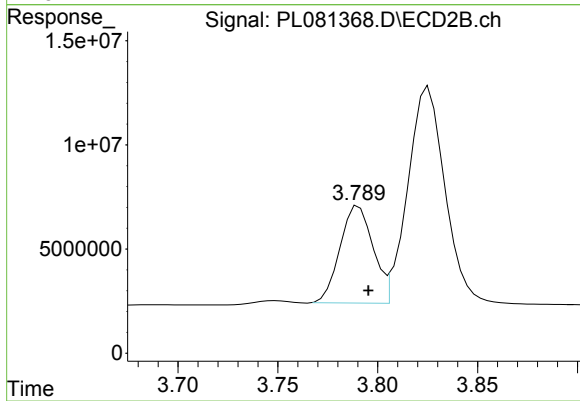
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 128332328
Conc: 48.95 ng/ml



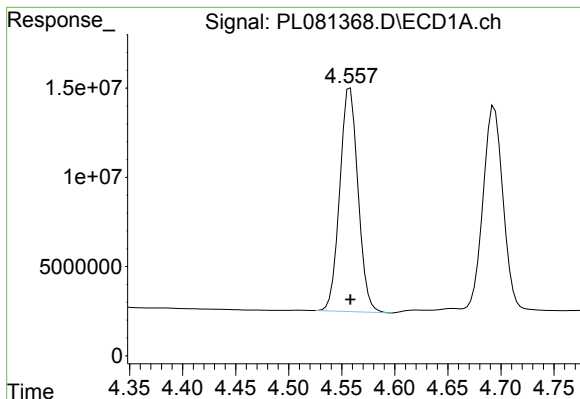
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 66243724
Conc: 48.13 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 53787709
Conc: 46.34 ng/ml



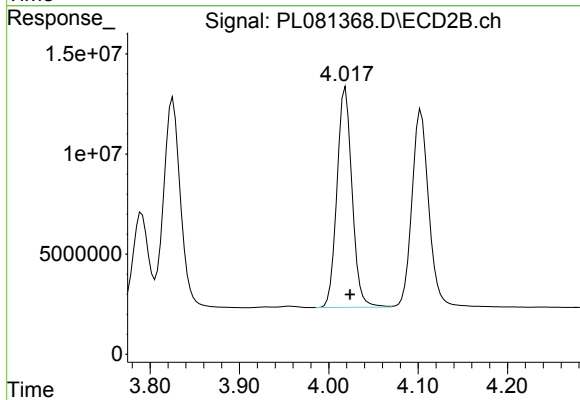
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 149906483
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

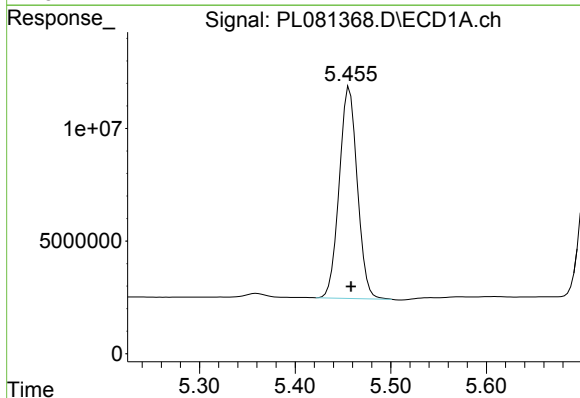
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



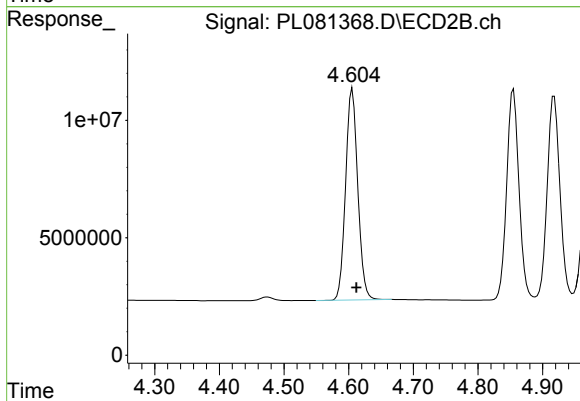
#7 delta-BHC

R.T.: 4.019 min
Delta R.T.: -0.005 min
Response: 128870726
Conc: 50.60 ng/ml



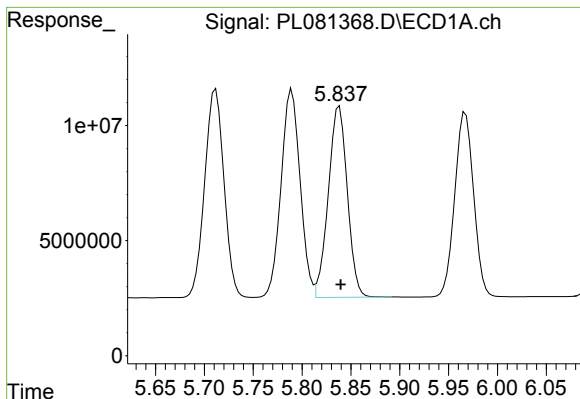
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 123559111
Conc: 52.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 117879137
Conc: 48.75 ng/ml



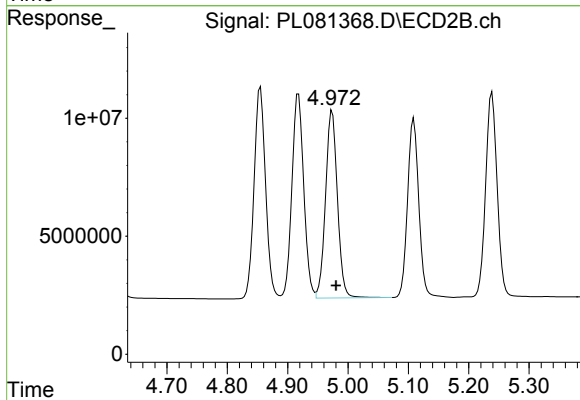
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 112807779
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

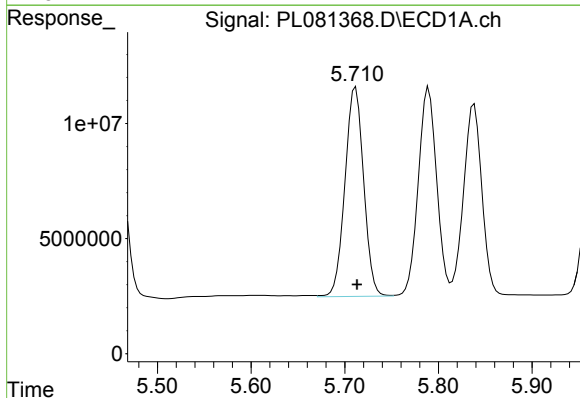
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



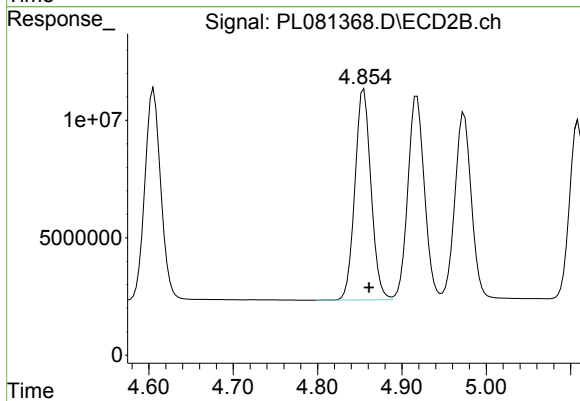
#9 Endosulfan I

R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 108545748
Conc: 47.95 ng/ml



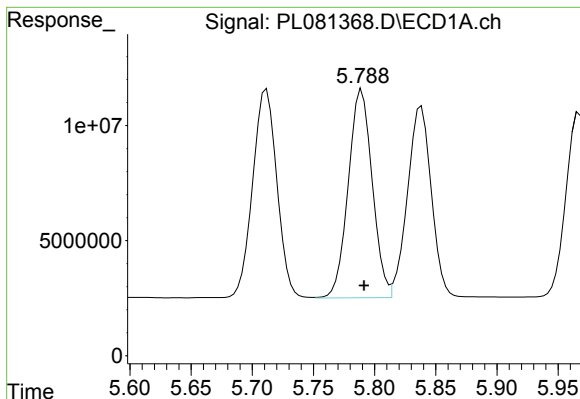
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 126268375
Conc: 55.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 118756657
Conc: 48.52 ng/ml



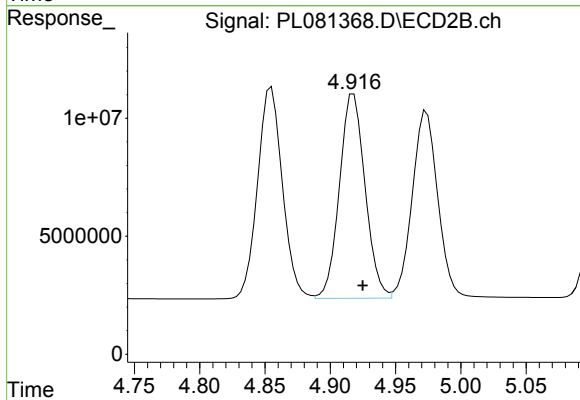
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 123566619
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

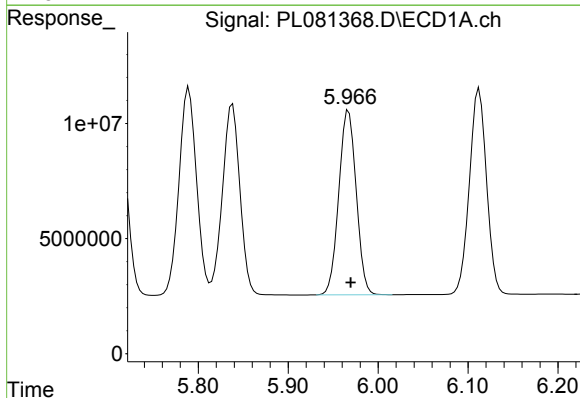
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



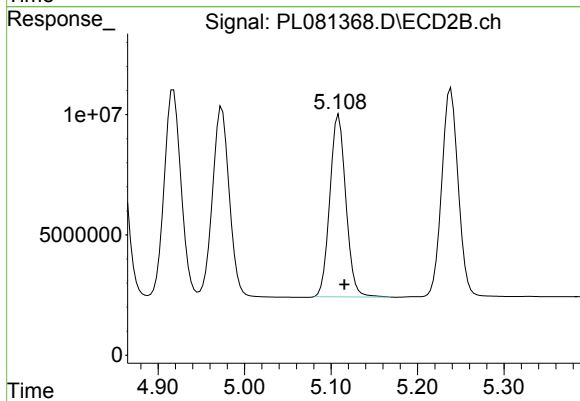
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 118497479
Conc: 48.39 ng/ml



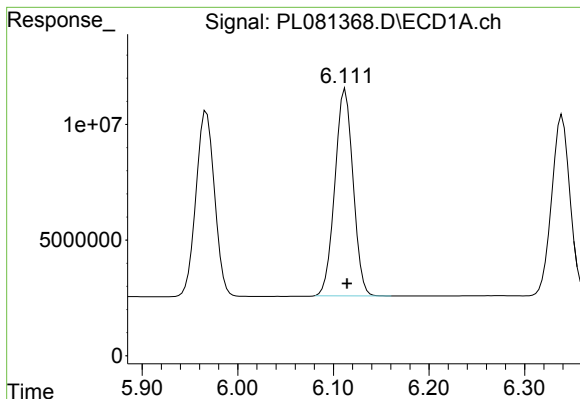
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 107903009
Conc: 55.15 ng/ml



#12 4,4'-DDE

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 97150101
Conc: 49.49 ng/ml



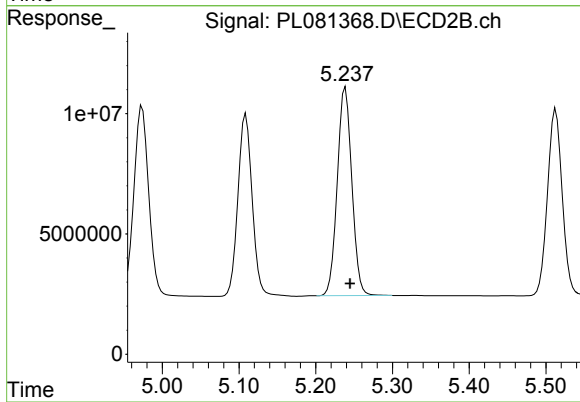
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 118059490
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

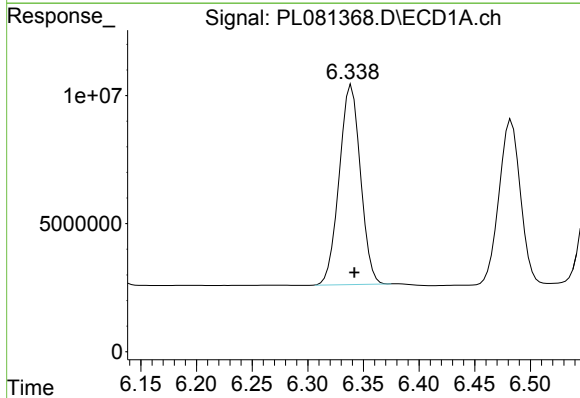
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



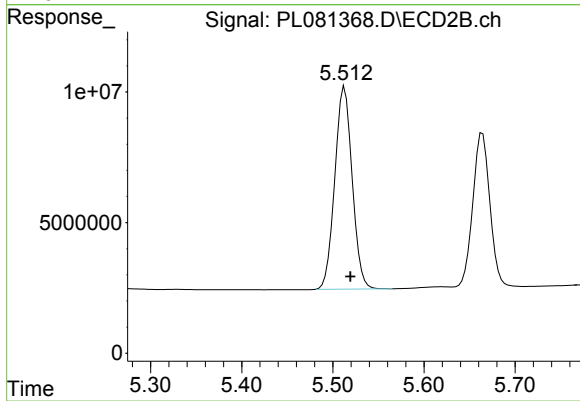
#13 Dieldrin

R.T.: 5.239 min
Delta R.T.: -0.006 min
Response: 114339534
Conc: 50.72 ng/ml



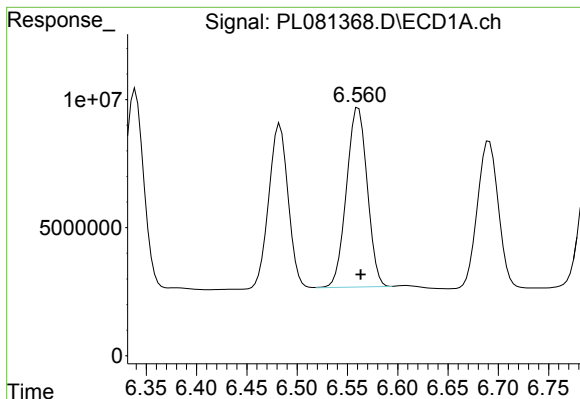
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 103519657
Conc: 56.96 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 102701748
Conc: 51.10 ng/ml



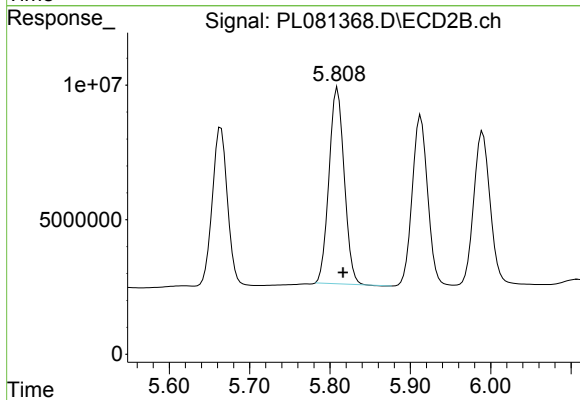
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 100416343
Conc: 57.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

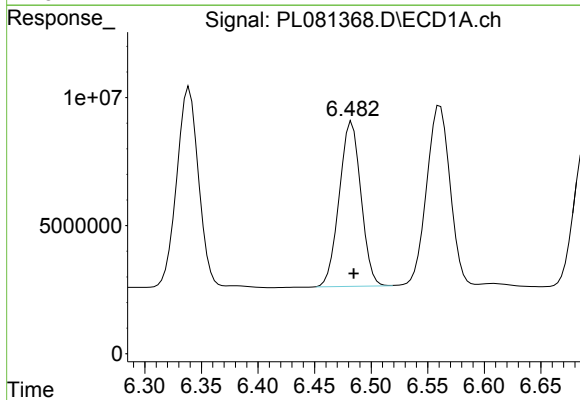
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



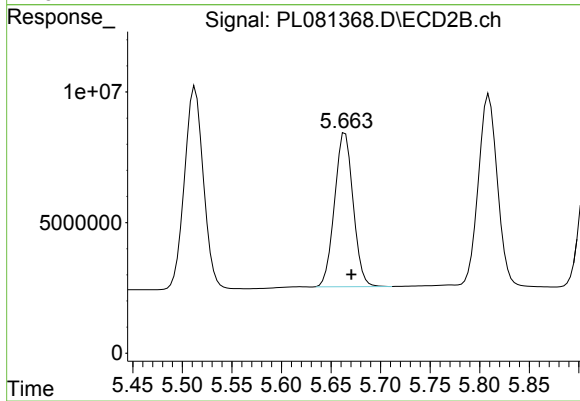
#15 Endosulfan II

R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 96094584
Conc: 52.12 ng/ml



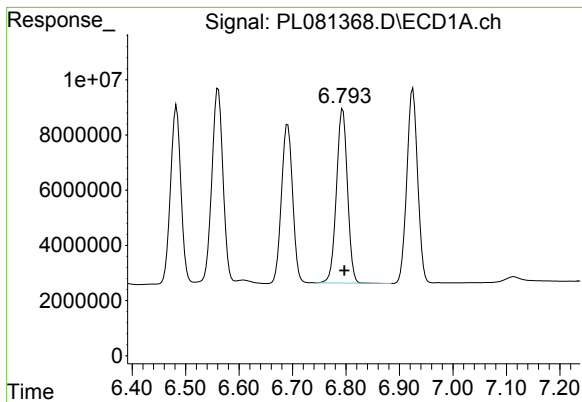
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 85812464
Conc: 55.75 ng/ml



#16 4,4'-DDD

R.T.: 5.664 min
Delta R.T.: -0.006 min
Response: 76715150
Conc: 50.01 ng/ml



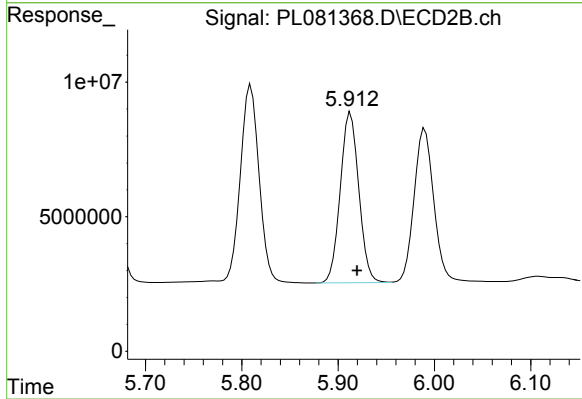
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 90341042
Conc: 56.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

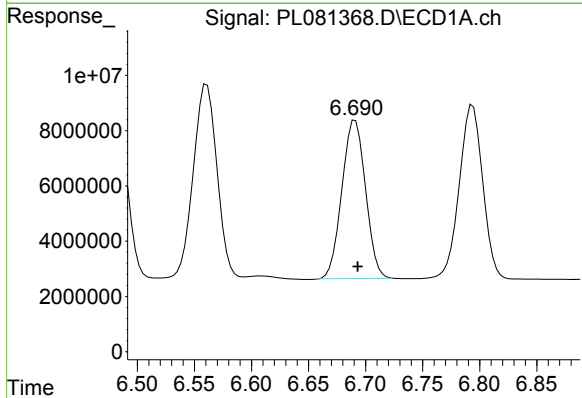
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



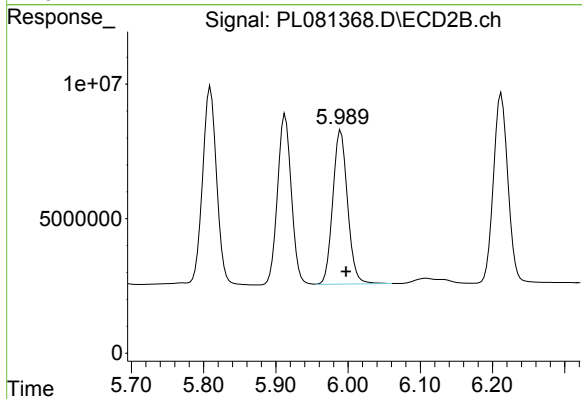
#17 4,4'-DDT

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 84409414
Conc: 52.61 ng/ml



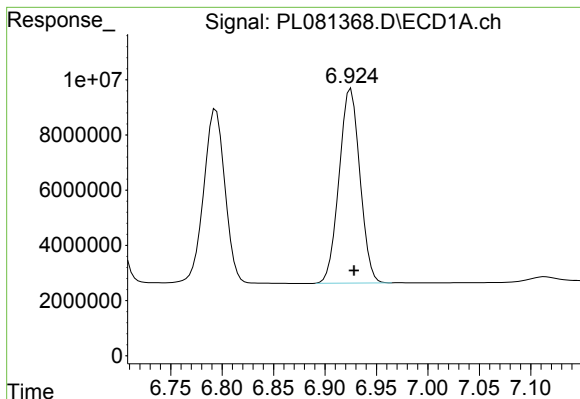
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 82574916
Conc: 57.69 ng/ml m



#18 Endrin aldehyde

R.T.: 5.990 min
Delta R.T.: -0.007 min
Response: 81287097
Conc: 53.65 ng/ml



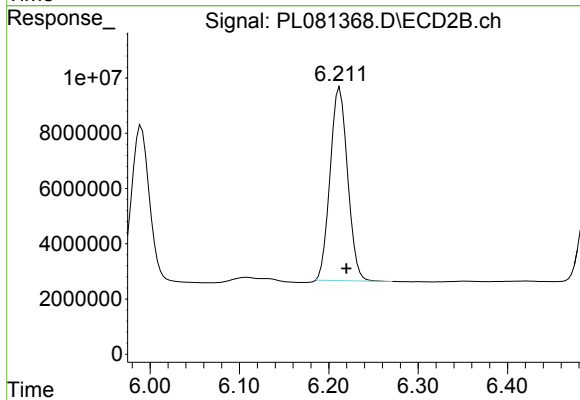
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 99261952
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

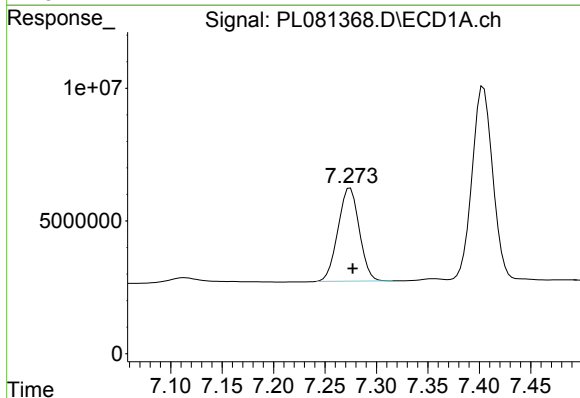
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



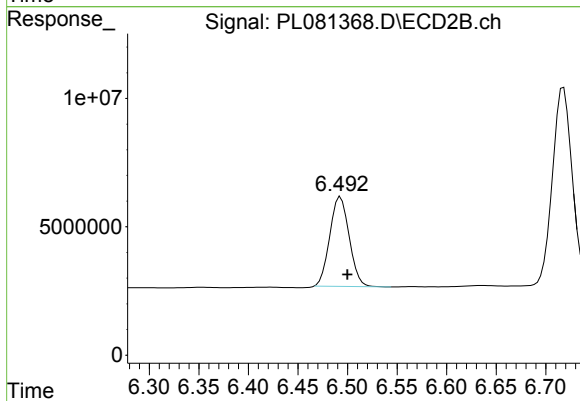
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.007 min
Response: 95093732
Conc: 49.48 ng/ml



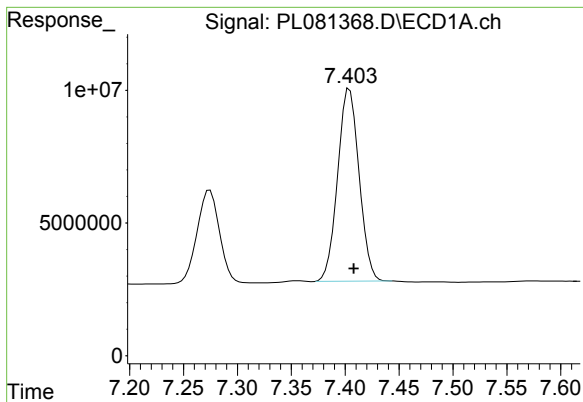
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 50562139
Conc: 58.70 ng/ml



#20 Methoxychlor

R.T.: 6.493 min
Delta R.T.: -0.007 min
Response: 47590808
Conc: 51.28 ng/ml



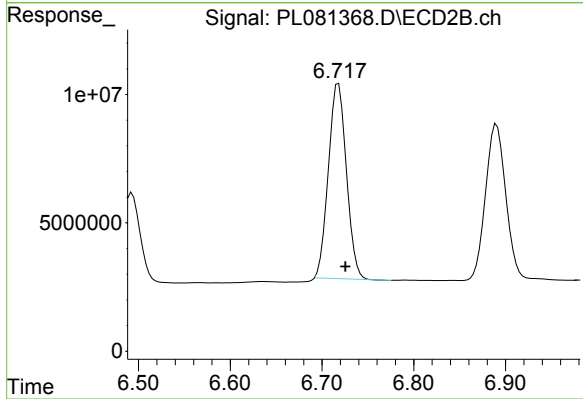
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 100604349
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151302BS

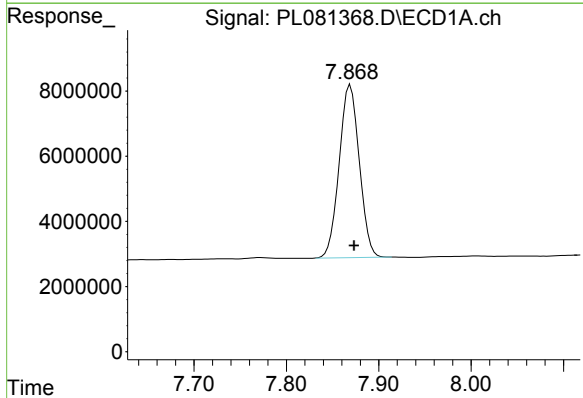
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



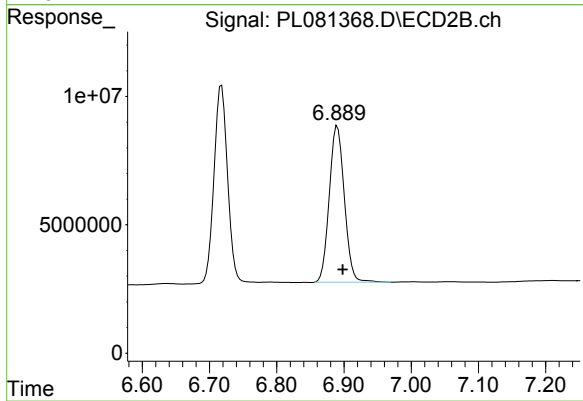
#21 Endrin ketone

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 103769433
Conc: 48.20 ng/ml



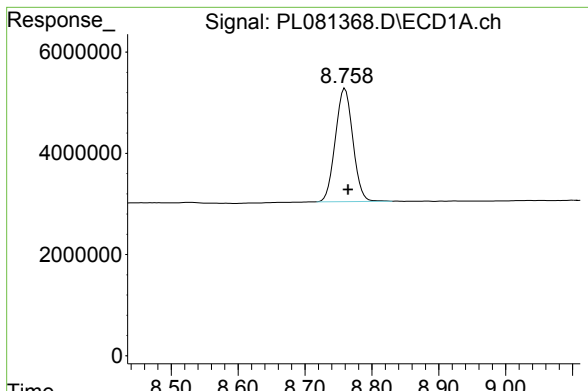
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 80304056
Conc: 55.04 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 94151607
Conc: 48.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.760 min
Delta R.T.: -0.005 min
Response: 40611627
Conc: 26.64 ng/ml

Instrument :

ECD_L

ClientSampleId :

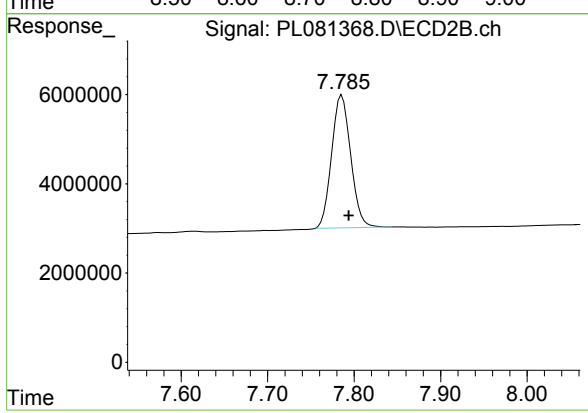
PB151302BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/10/2023

Supervised By :Ankita Jodhani 03/10/2023



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 45450411
Conc: 23.73 ng/ml