

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
 Data File : PL083432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2023 17:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/15/2023
 Supervised By : Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 22:35:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.630	141.5E6	122.3E6	48.130	47.102
28)	SA Decachlor...	8.733	7.734	104.5E6	120.0E6	49.810	48.275
Target Compounds							
2)	A alpha-BHC	3.765	3.125	218.1E6	177.1E6	49.137	47.467
3)	MA gamma-BHC...	4.093	3.451	199.0E6	159.3E6	48.040	47.790
4)	MA Heptachlor	4.670	3.781	181.4E6	164.0E6	47.460	44.786
5)	MB Aldrin	5.007	4.058	176.7E6	157.7E6	50.239	48.456
6)	B beta-BHC	4.298	3.753	87339717	67956922	46.390	47.519
7)	B delta-BHC	4.539	3.977	195.8E6	163.2E6	56.942	49.820
8)	B Heptachlo...	5.433	4.557	159.8E6	144.0E6	49.966	48.508m
9)	A Endosulfan I	5.814	4.925	149.0E6	134.9E6	49.666	48.266
10)	B gamma-Chl...	5.688	4.807	163.6E6	146.5E6	51.508	48.765
11)	B alpha-Chl...	5.765	4.870	160.0E6	144.7E6	49.868	48.194
12)	B 4,4'-DDE	5.944	5.060	143.4E6	128.4E6	52.016	52.883m
13)	MA Dieldrin	6.089	5.188	152.0E6	136.1E6	50.543	48.212m
14)	MA Endrin	6.315	5.462	122.7E6	113.9E6	45.674	44.896m
15)	B Endosulfa...	6.539	5.761	123.2E6	114.8E6	46.264	46.414
16)	A 4,4'-DDD	6.461	5.614	120.6E6	107.0E6	55.503	55.613m
17)	MA 4,4'-DDT	6.772	5.862	108.8E6	96560653	43.477	43.281m
18)	B Endrin al...	6.669	5.940	97885923	90637596	48.684	45.835
19)	B Endosulfa...	6.903	6.164	128.1E6	118.9E6	49.947	48.563
20)	A Methoxychlor	7.254	6.442	56534463	52062594	42.752	40.938
21)	B Endrin ke...	7.383	6.666	131.9E6	134.5E6	51.719	49.732m
22)	Mirex	7.847	6.836	101.7E6	109.2E6	48.521	46.664m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
Data File : PL083432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jun 2023 17:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

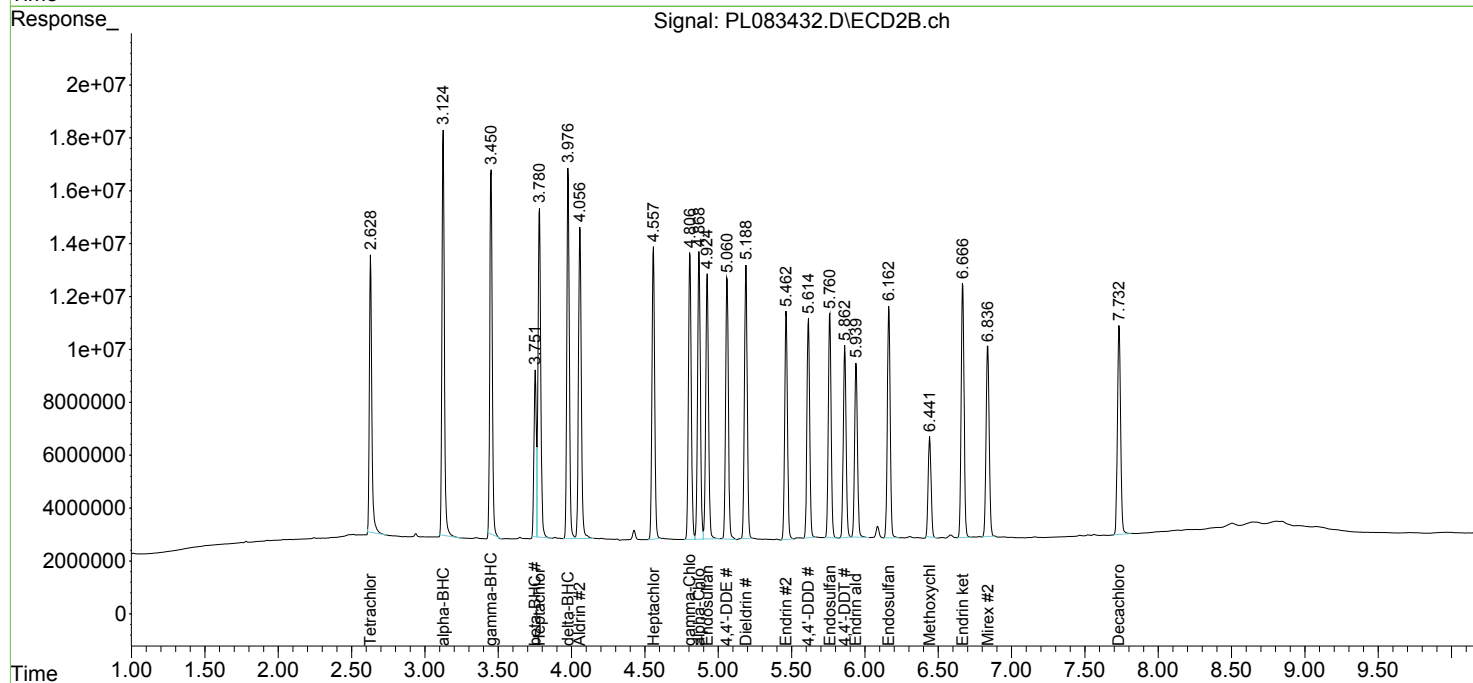
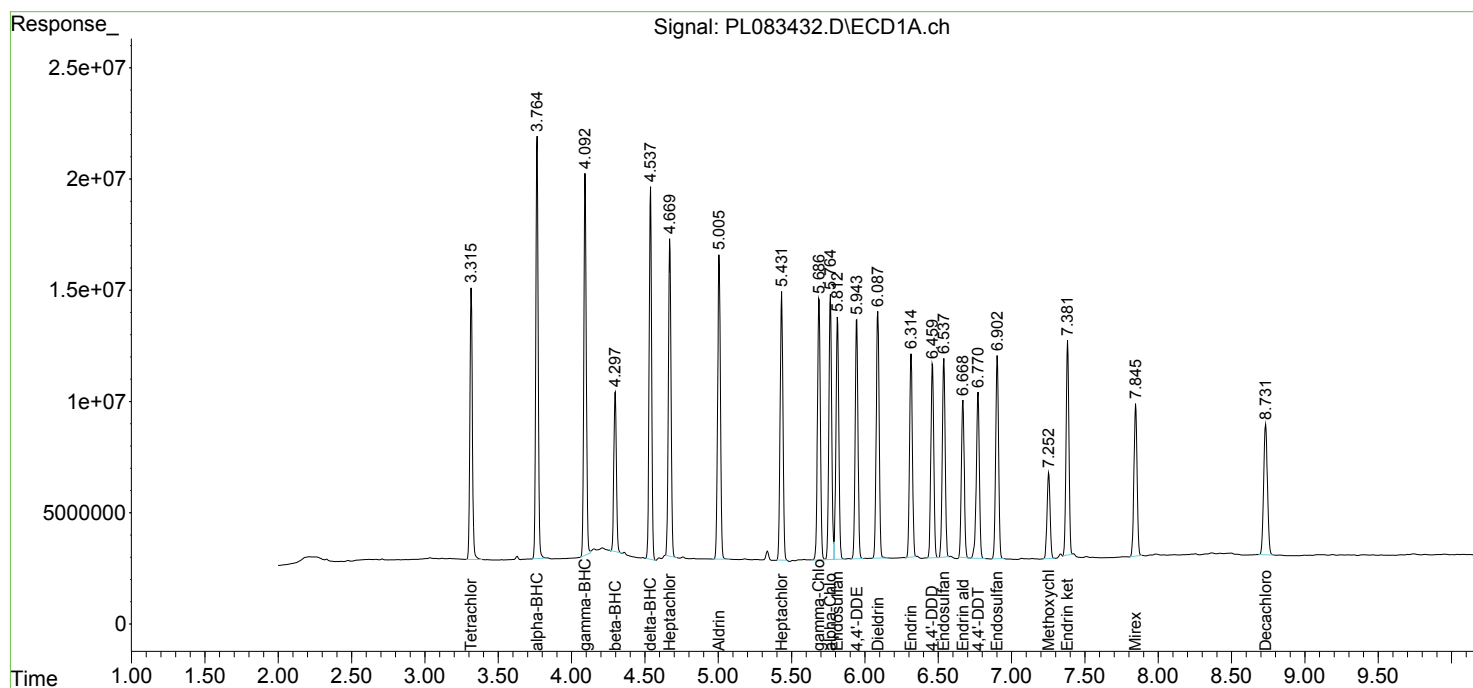
APPROVED

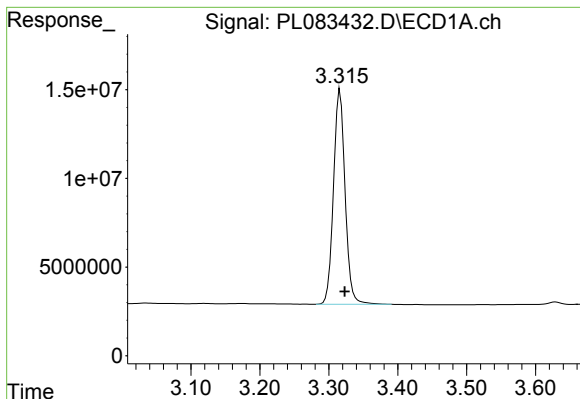
Reviewed By :Abdul Mirza 06/15/2023

Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 14 22:35:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





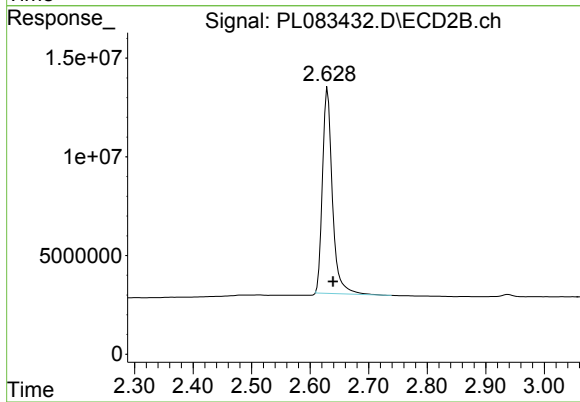
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 141455837
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

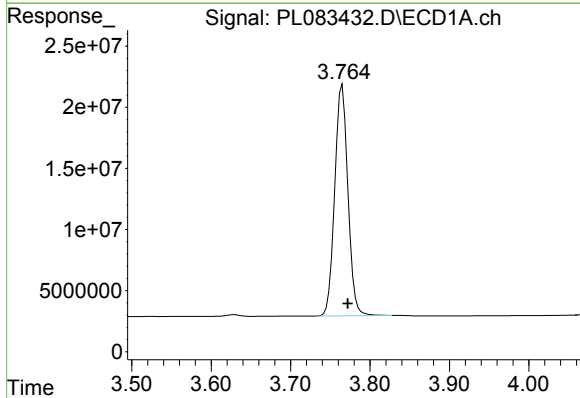
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



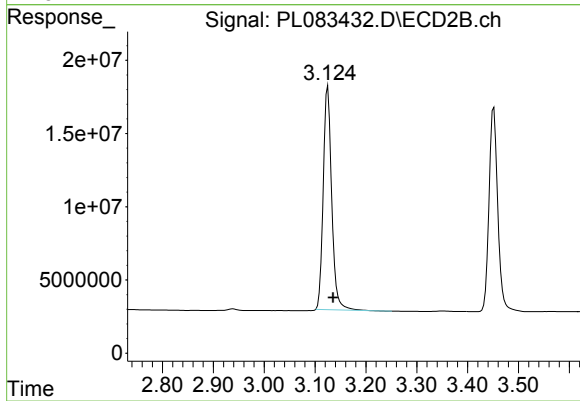
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: -0.009 min
Response: 122280306
Conc: 47.10 ng/ml



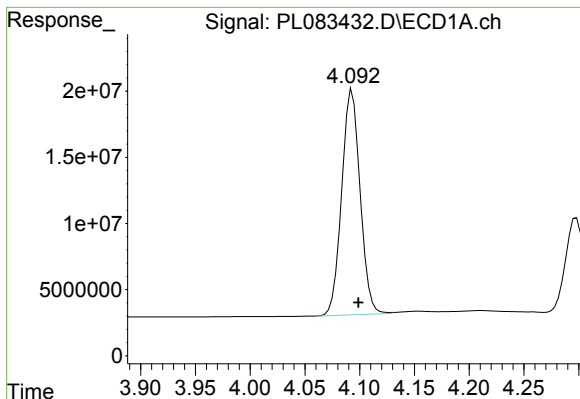
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 218132284
Conc: 49.14 ng/ml



#2 alpha-BHC

R.T.: 3.125 min
Delta R.T.: -0.010 min
Response: 177119962
Conc: 47.47 ng/ml



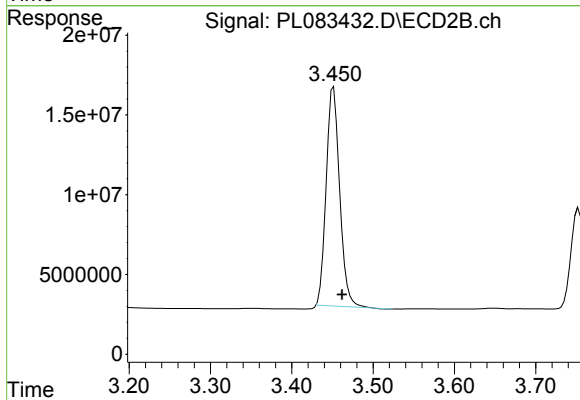
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 199025197
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

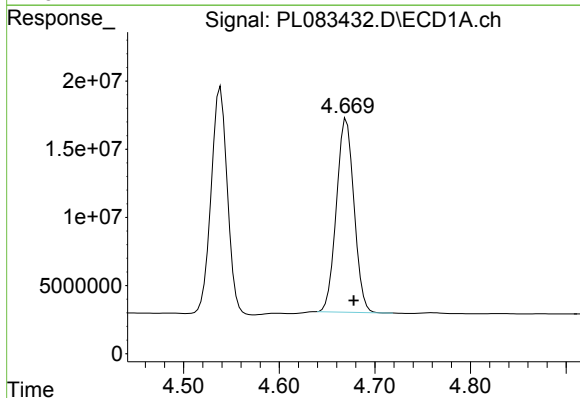
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



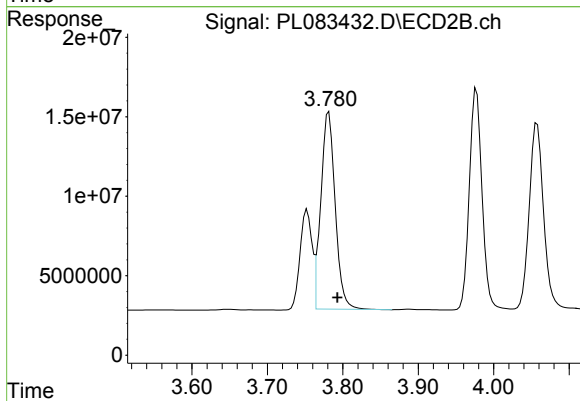
#3 gamma-BHC (Lindane)

R.T.: 3.451 min
Delta R.T.: -0.010 min
Response: 159298000
Conc: 47.79 ng/ml



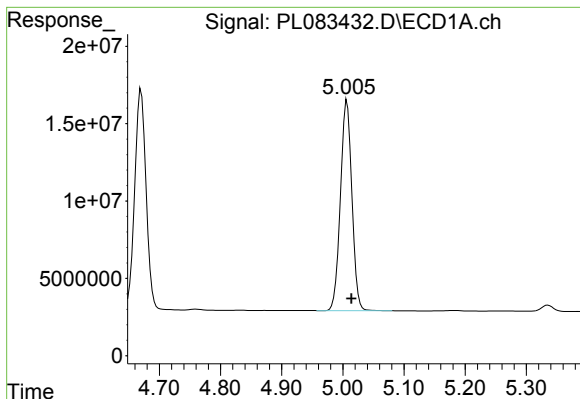
#4 Heptachlor

R.T.: 4.670 min
Delta R.T.: -0.008 min
Response: 181415976
Conc: 47.46 ng/ml



#4 Heptachlor

R.T.: 3.781 min
Delta R.T.: -0.012 min
Response: 163964559
Conc: 44.79 ng/ml



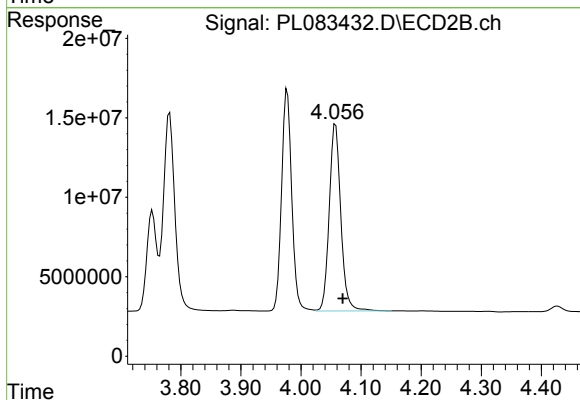
#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 176746366
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

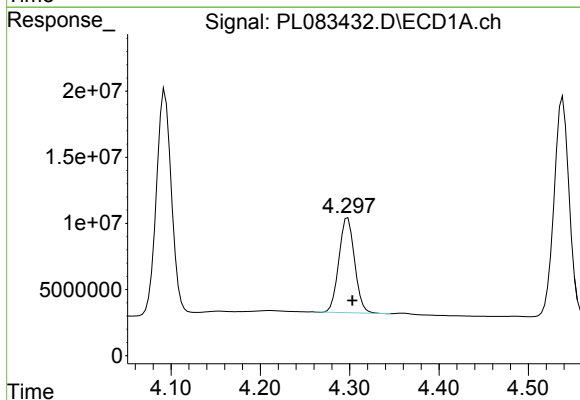
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



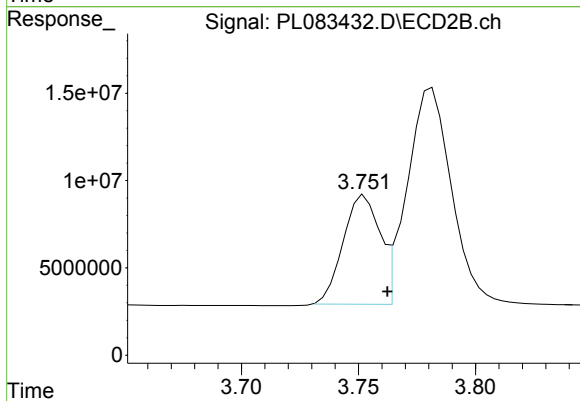
#5 Aldrin

R.T.: 4.058 min
Delta R.T.: -0.012 min
Response: 157657568
Conc: 48.46 ng/ml



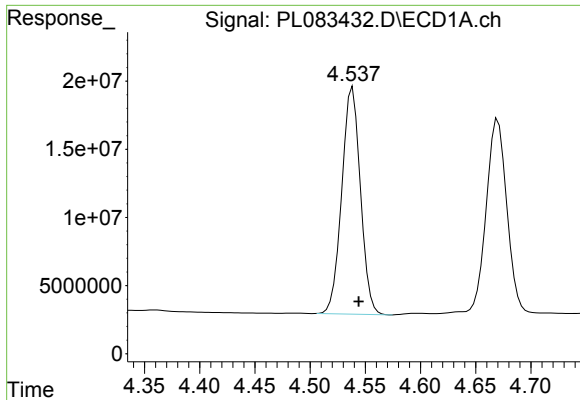
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 87339717
Conc: 46.39 ng/ml



#6 beta-BHC

R.T.: 3.753 min
Delta R.T.: -0.010 min
Response: 67956922
Conc: 47.52 ng/ml



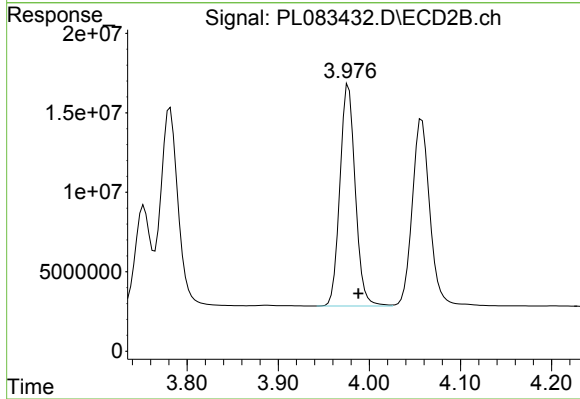
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 195818188
Conc: 56.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

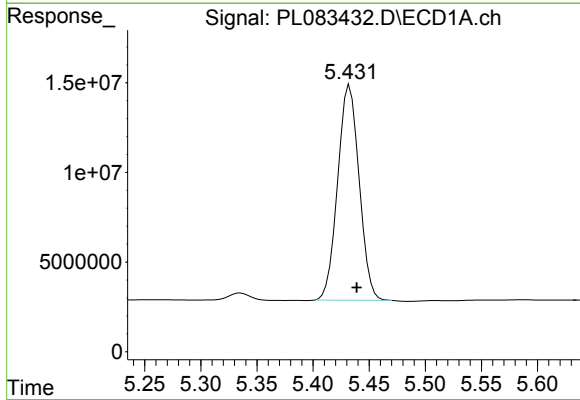
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



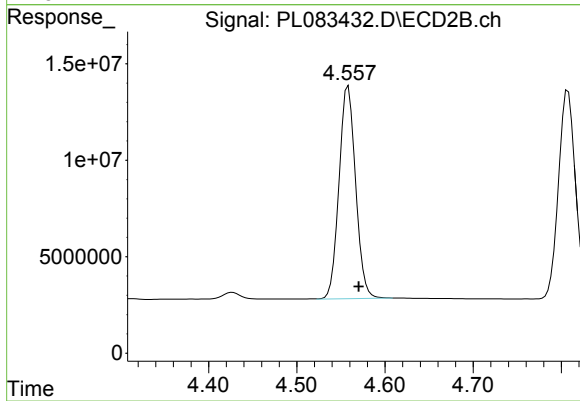
#7 delta-BHC

R.T.: 3.977 min
Delta R.T.: -0.011 min
Response: 163233817
Conc: 49.82 ng/ml



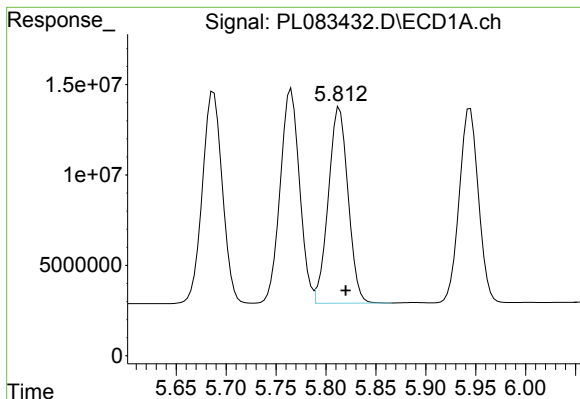
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 159828566
Conc: 49.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.557 min
Delta R.T.: -0.013 min
Response: 143965502
Conc: 48.51 ng/ml m



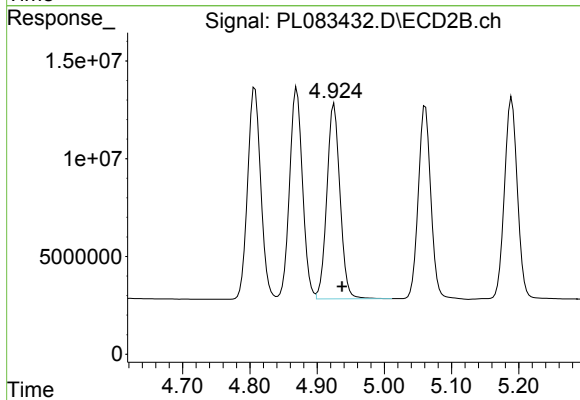
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 149025624
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

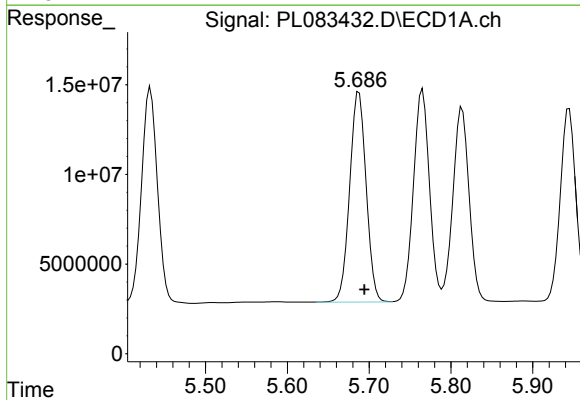
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



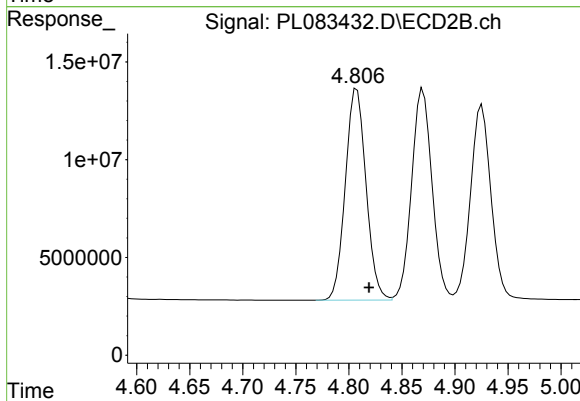
#9 Endosulfan I

R.T.: 4.925 min
Delta R.T.: -0.012 min
Response: 134872408
Conc: 48.27 ng/ml



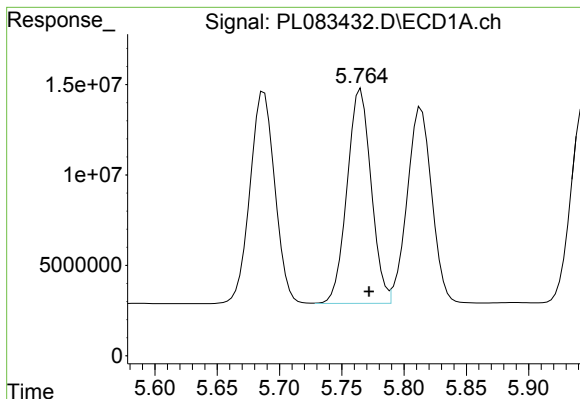
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 163640466
Conc: 51.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.807 min
Delta R.T.: -0.012 min
Response: 146459368
Conc: 48.76 ng/ml



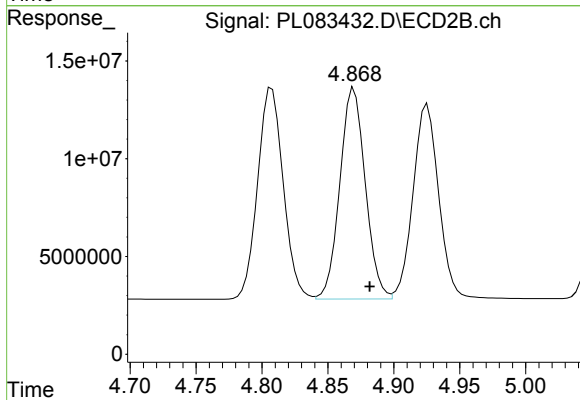
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 160043296
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

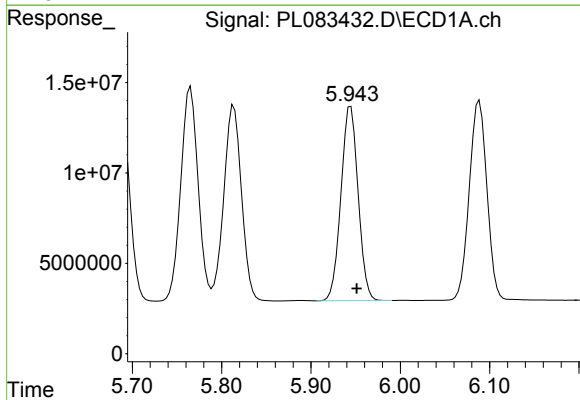
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



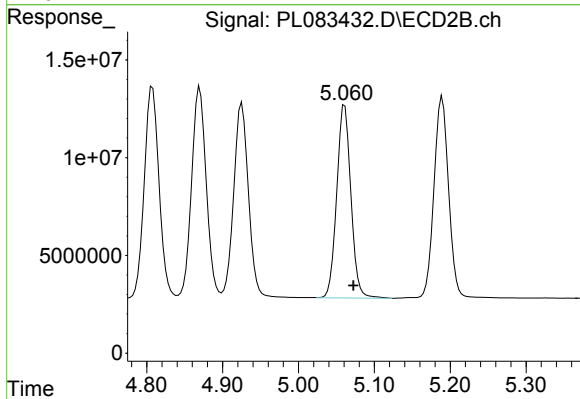
#11 alpha-Chlordane

R.T.: 4.870 min
Delta R.T.: -0.012 min
Response: 144676433
Conc: 48.19 ng/ml



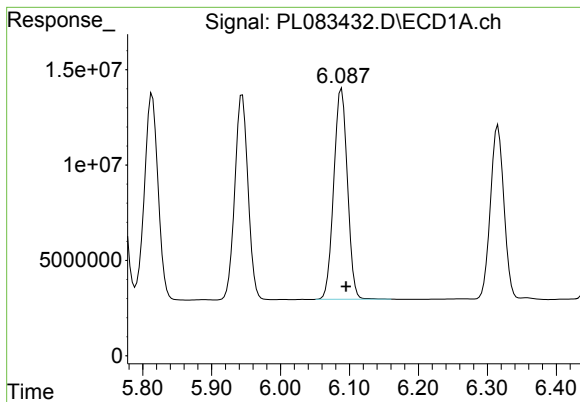
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 143383613
Conc: 52.02 ng/ml



#12 4,4'-DDE

R.T.: 5.060 min
Delta R.T.: -0.013 min
Response: 128439779
Conc: 52.88 ng/ml m



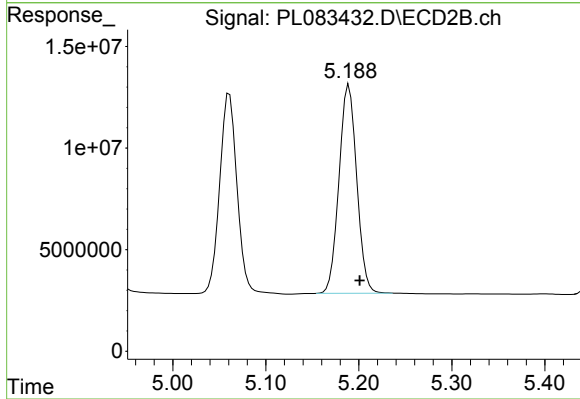
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 152025858
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

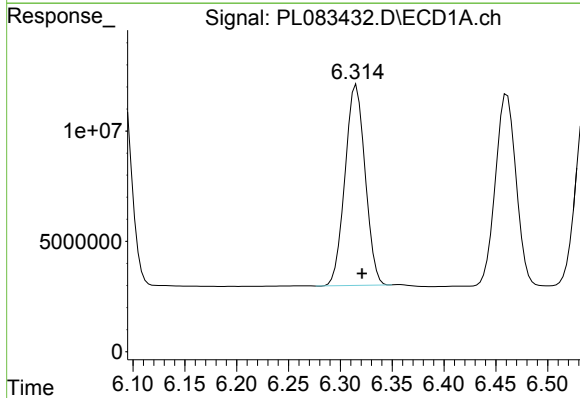
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



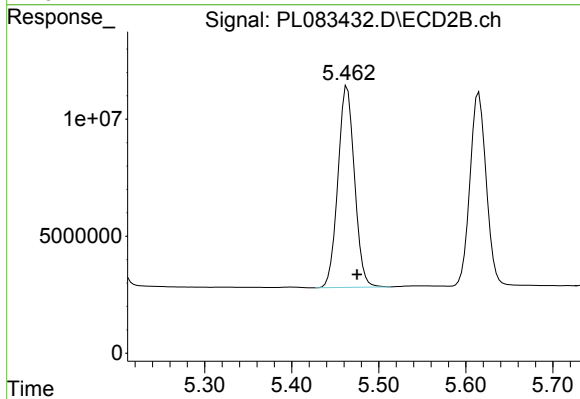
#13 Dieldrin

R.T.: 5.188 min
Delta R.T.: -0.013 min
Response: 136098424
Conc: 48.21 ng/ml m



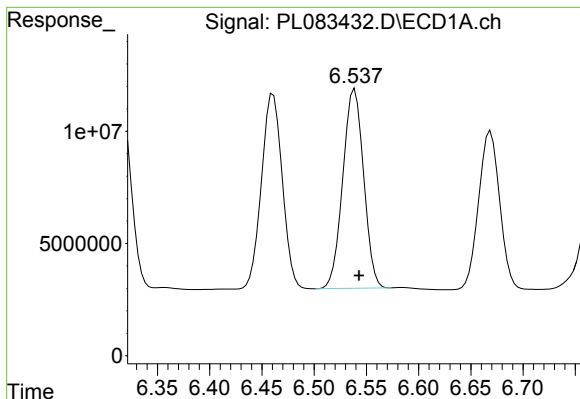
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 122737824
Conc: 45.67 ng/ml



#14 Endrin

R.T.: 5.462 min
Delta R.T.: -0.013 min
Response: 113899895
Conc: 44.90 ng/ml m



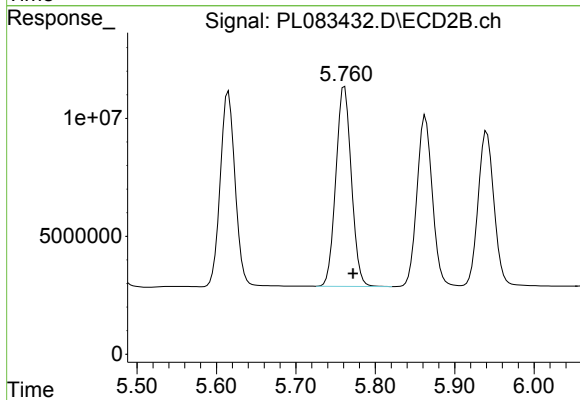
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 123182311
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

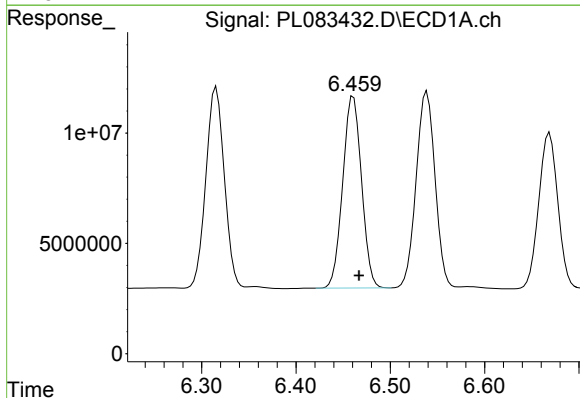
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



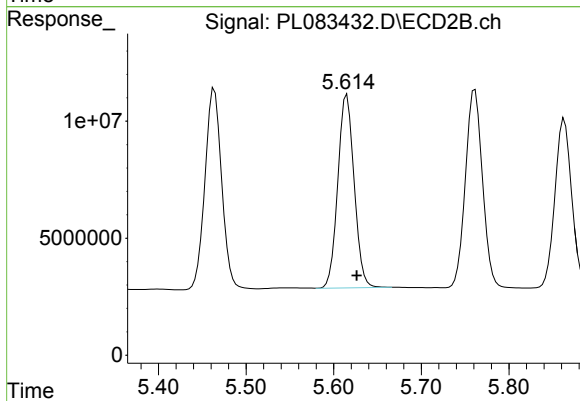
#15 Endosulfan II

R.T.: 5.761 min
Delta R.T.: -0.011 min
Response: 114835937
Conc: 46.41 ng/ml



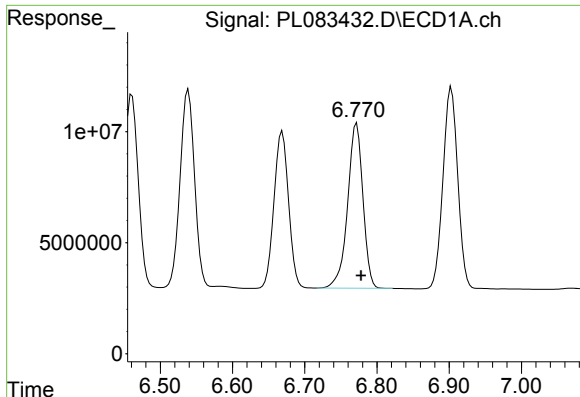
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 120611966
Conc: 55.50 ng/ml



#16 4,4'-DDD

R.T.: 5.614 min
Delta R.T.: -0.012 min
Response: 106957384
Conc: 55.61 ng/ml m



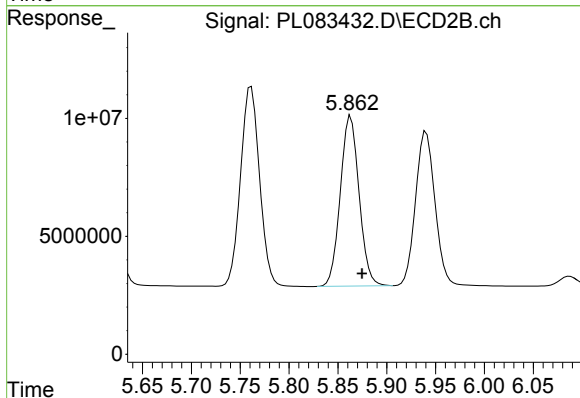
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 108829393
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

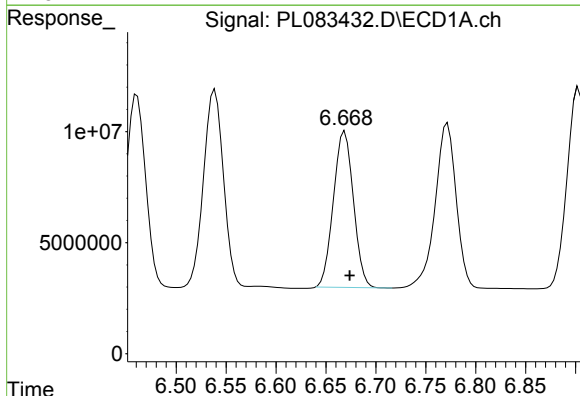
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



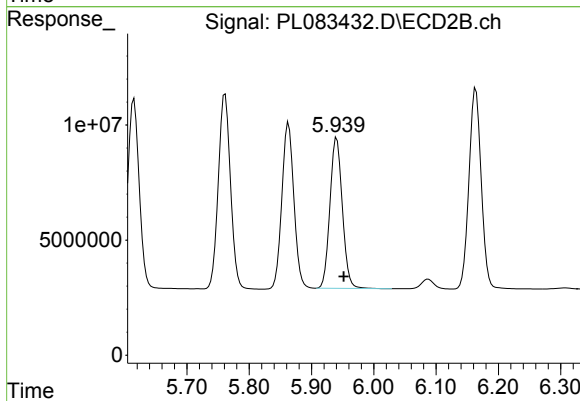
#17 4,4'-DDT

R.T.: 5.862 min
Delta R.T.: -0.013 min
Response: 96560653
Conc: 43.28 ng/ml m



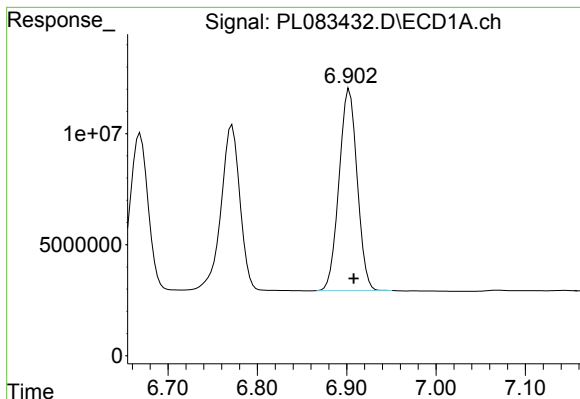
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 97885923
Conc: 48.68 ng/ml



#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: -0.011 min
Response: 90637596
Conc: 45.84 ng/ml



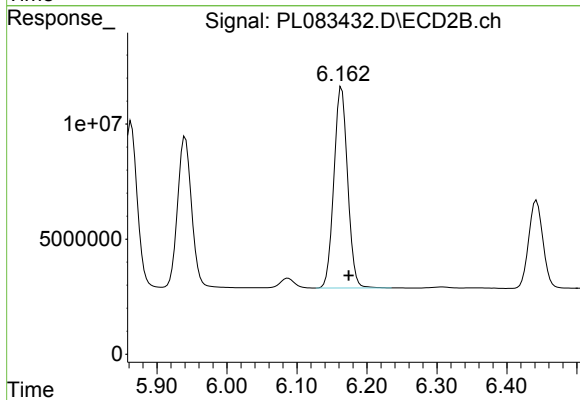
#19 Endosulfan Sulfate

R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 128050404
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

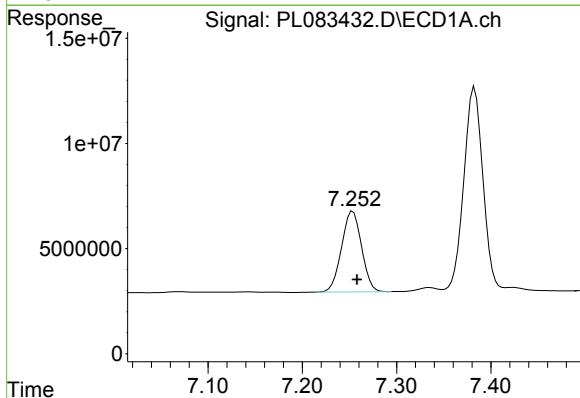
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



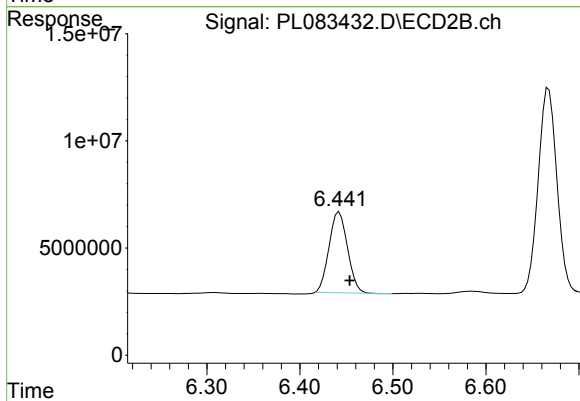
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 118929463
Conc: 48.56 ng/ml



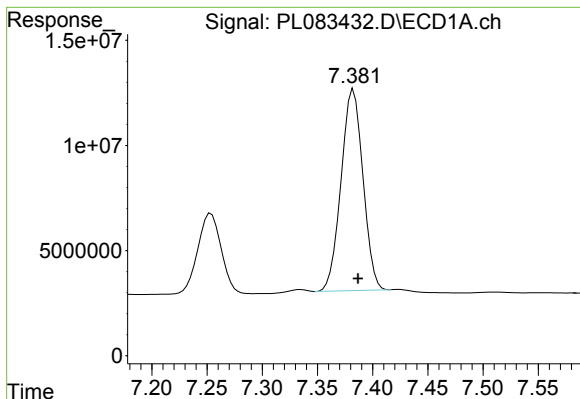
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 56534463
Conc: 42.75 ng/ml



#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 52062594
Conc: 40.94 ng/ml



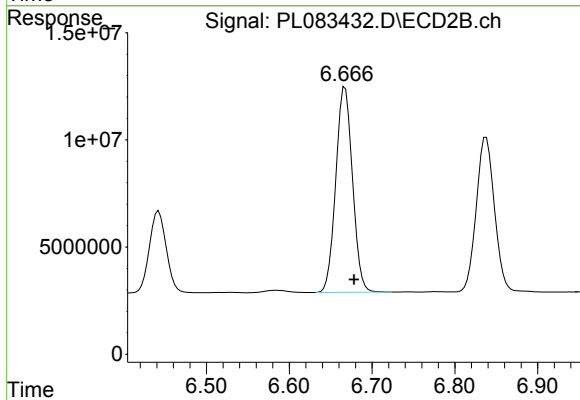
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 131925229
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

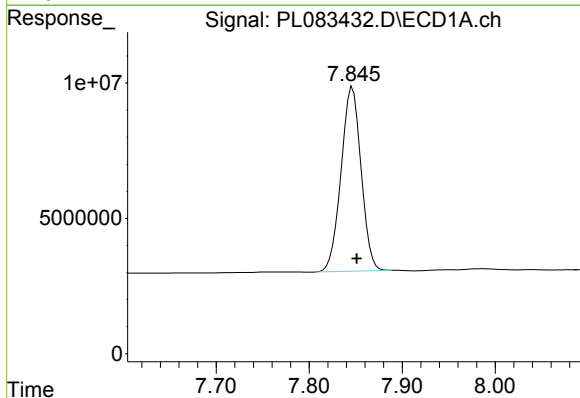
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



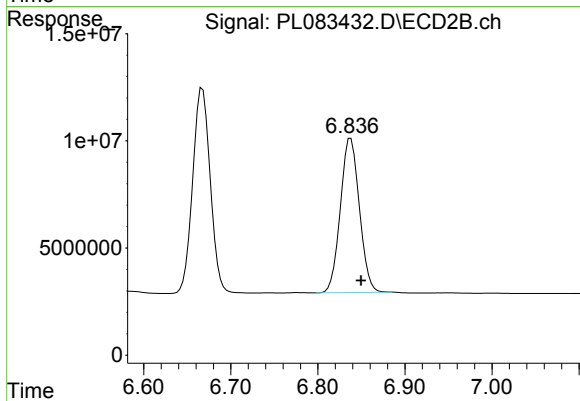
#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: -0.012 min
Response: 134467875
Conc: 49.73 ng/ml m



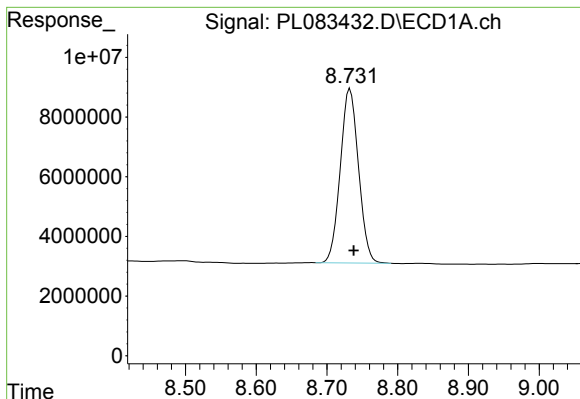
#22 Mirex

R.T.: 7.847 min
Delta R.T.: -0.004 min
Response: 101701908
Conc: 48.52 ng/ml



#22 Mirex

R.T.: 6.836 min
Delta R.T.: -0.013 min
Response: 109186389
Conc: 46.66 ng/ml m



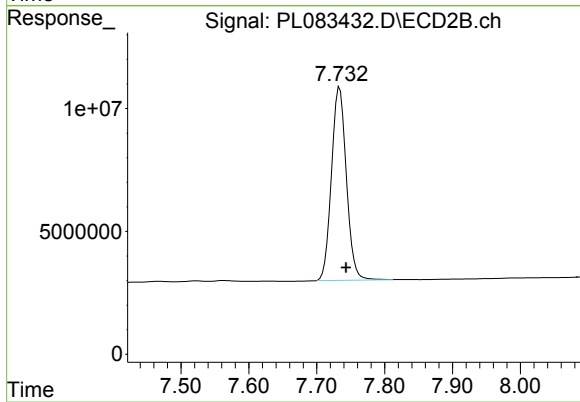
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 104468612
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2023
Supervised By :Ankita Jodhani 06/15/2023



#28 Decachlorobiphenyl

R.T.: 7.734 min
Delta R.T.: -0.010 min
Response: 120038448
Conc: 48.28 ng/ml