

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061223\
 Data File : PL083368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2023 09:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2023
 Supervised By : Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 14:44:51 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...	3.323	2.632	142.6E6	120.3E6	48.522	46.327
28)	SA Decachlor...	8.742	7.739	101.7E6	115.1E6	48.491	46.270
Target Compounds							
2)	A alpha-BHC	3.773	3.129	219.2E6	169.7E6	49.374	45.484
3)	MA gamma-BHC...	4.101	3.454	202.4E6	158.9E6	48.848	47.678m
4)	MA Heptachlor	4.679	3.786	195.0E6	167.1E6	51.011	45.654
5)	MB Aldrin	5.015	4.062	179.8E6	148.8E6	51.121	45.739
6)	B beta-BHC	4.305	3.756	85978045	63660095	45.667	44.515
7)	B delta-BHC	4.546	3.981	201.7E6	150.9E6	58.667	46.051
8)	B Heptachlo...	5.442	4.563	157.5E6	134.1E6	49.228	45.175
9)	A Endosulfan I	5.822	4.930	151.8E6	129.4E6	50.577	46.313
10)	B gamma-Chl...	5.697	4.812	165.6E6	138.7E6	52.111	46.169
11)	B alpha-Chl...	5.774	4.875	163.2E6	138.1E6	50.866	46.016
12)	B 4,4'-DDE	5.953	5.066	143.6E6	115.1E6	52.089	47.398
13)	MA Dieldrin	6.097	5.195	154.2E6	129.6E6	51.268	45.920
14)	MA Endrin	6.322	5.469	131.6E6	113.1E6	48.978m	44.591
15)	B Endosulfa...	6.546	5.767	125.0E6	109.0E6	47.014	44.062
16)	A 4,4'-DDD	6.469	5.620	116.9E6	92934001	53.793	48.322
17)	MA 4,4'-DDT	6.779	5.867	125.3E6	103.6E6	50.068	46.428m
18)	B Endrin al...	6.676	5.946	102.1E6	86359875	50.799	43.672
19)	B Endosulfa...	6.911	6.169	130.7E6	109.8E6	50.999	44.838
20)	A Methoxychlor	7.261	6.448	67106799	56953712	50.747	44.784
21)	B Endrin ke...	7.390	6.673	136.6E6	126.6E6	53.549m	46.826
22)	Mirex	7.854	6.844	103.7E6	107.3E6	49.481	45.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061223\
Data File : PL083368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2023 09:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

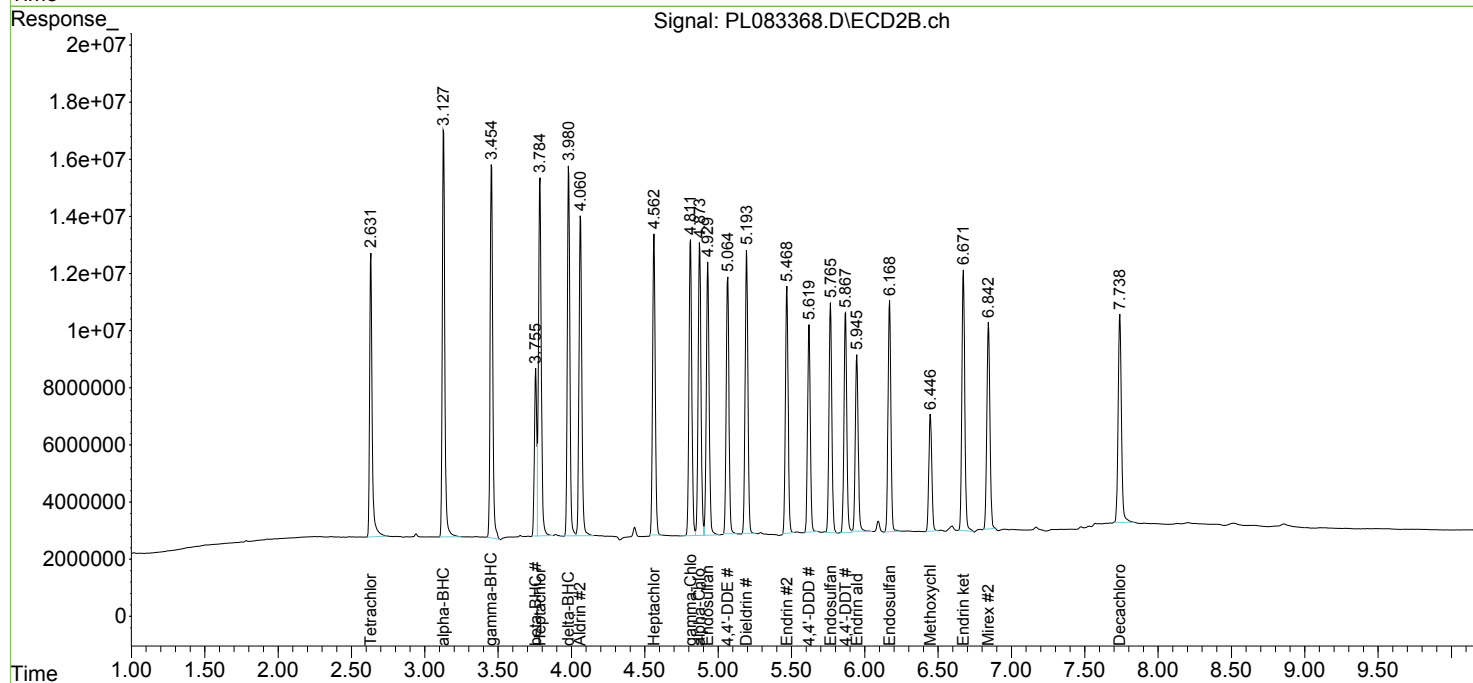
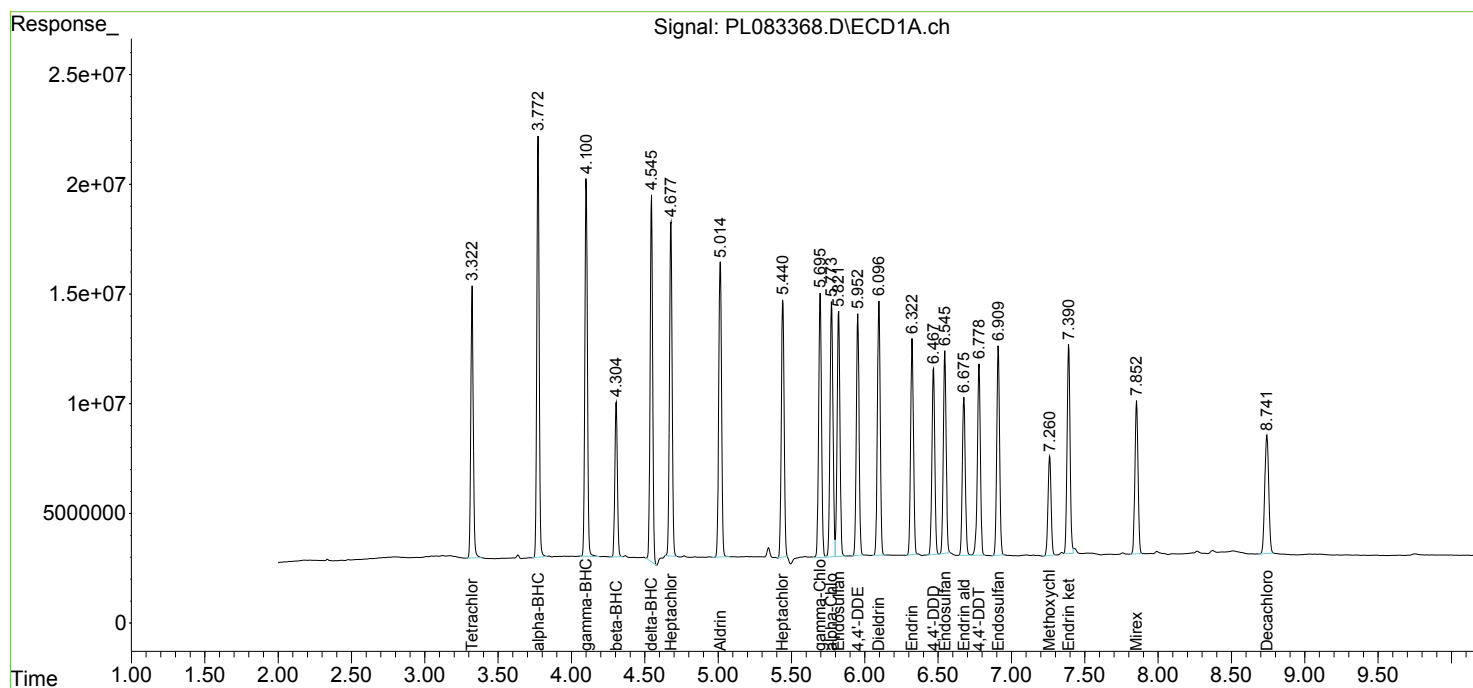
APPROVED

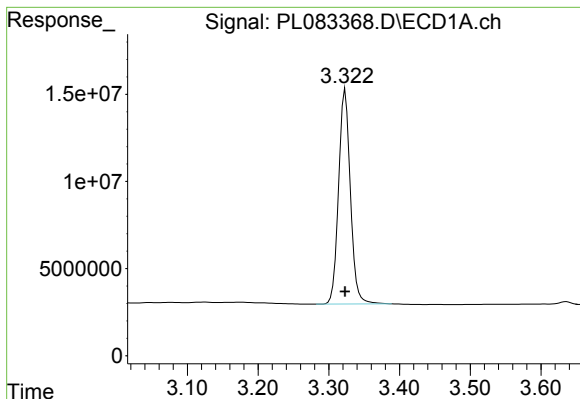
Reviewed By :Abdul Mirza 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 14:44:51 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





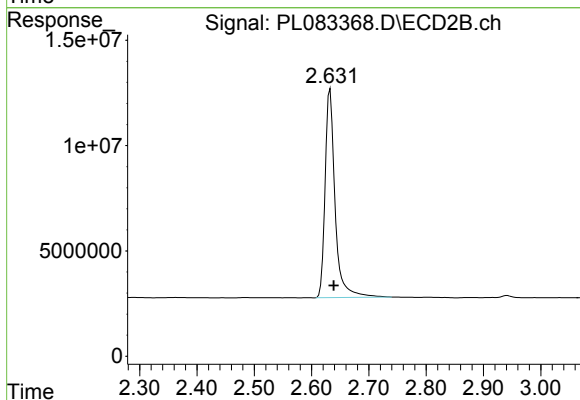
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 142607864
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

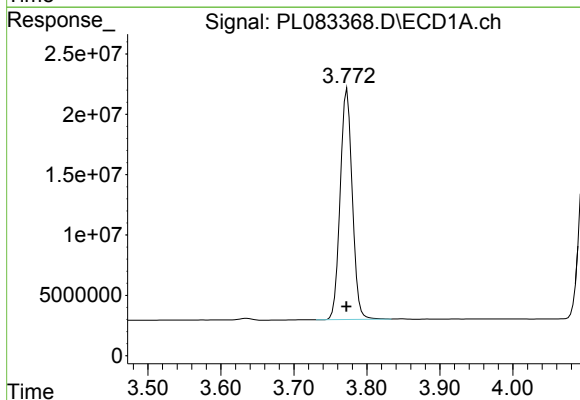
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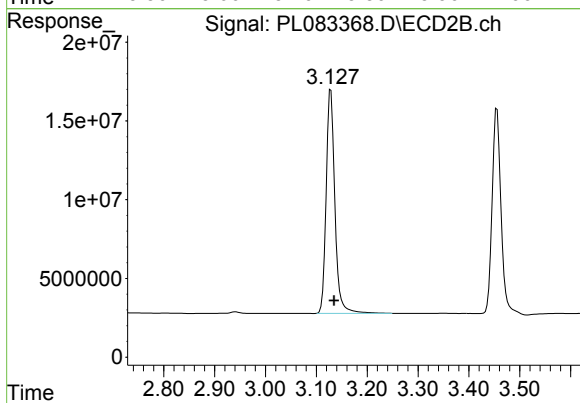
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 120269327
Conc: 46.33 ng/ml



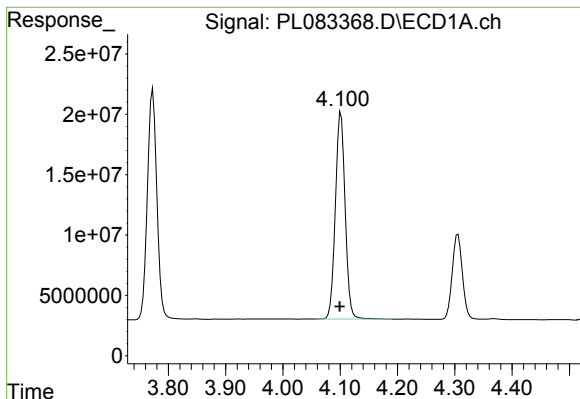
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 219185707
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.007 min
Response: 169720557
Conc: 45.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.002 min
Response: 202374366
Conc: 48.85 ng/ml

Instrument :

ECD_L

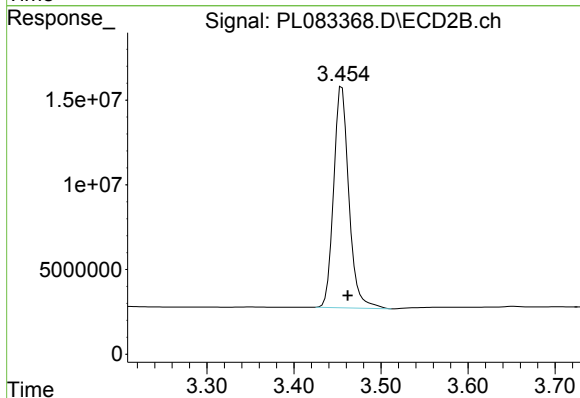
ClientSampleId :

PSTDCCC050

Manual Integrations

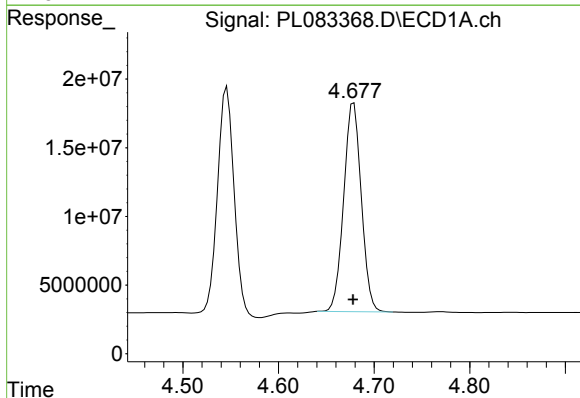
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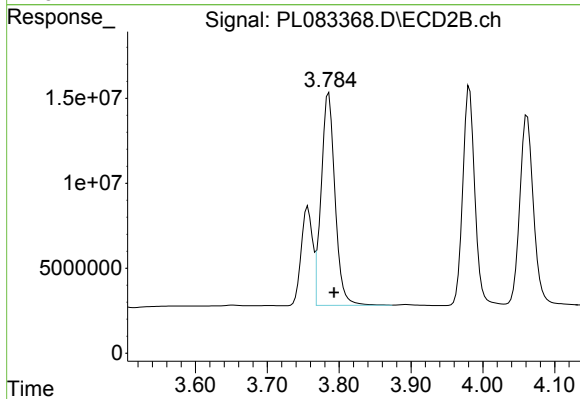
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: -0.008 min
Response: 158925440
Conc: 47.68 ng/ml m



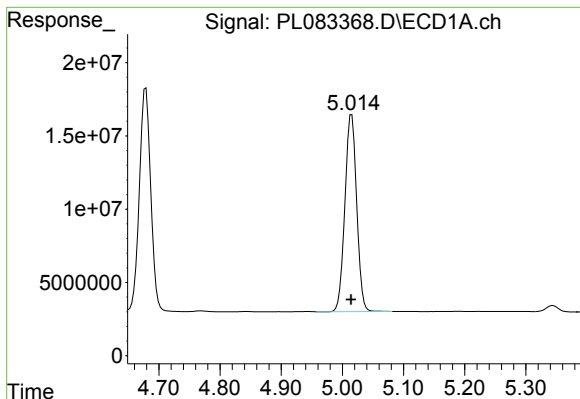
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 194986859
Conc: 51.01 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: -0.007 min
Response: 167144988
Conc: 45.65 ng/ml



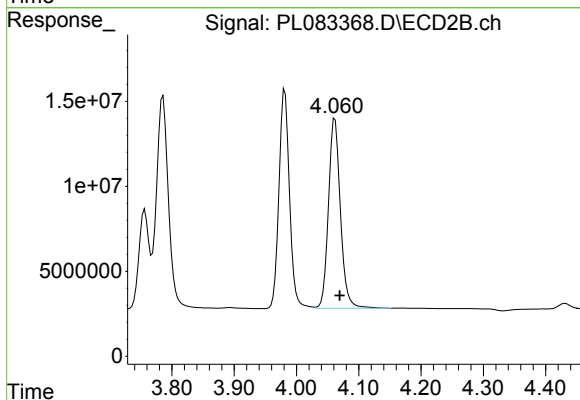
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.001 min
Response: 179849938
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

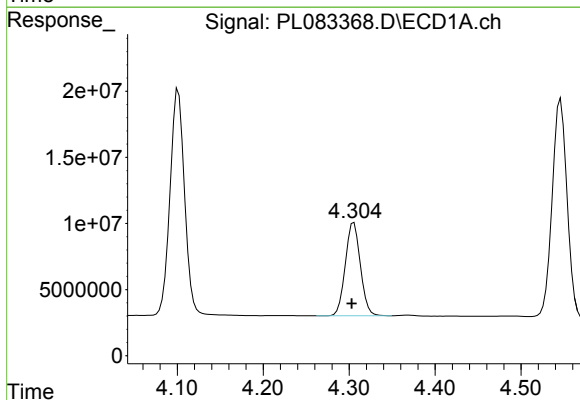
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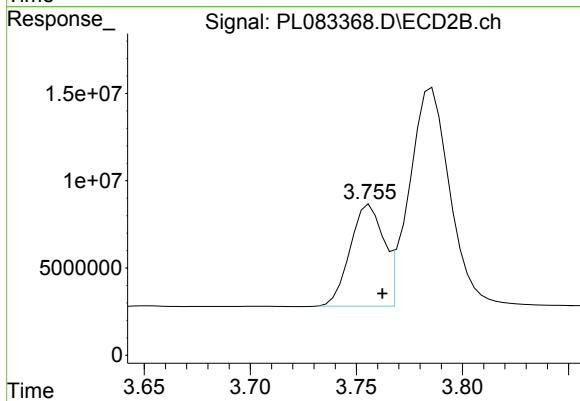
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: -0.008 min
Response: 148817753
Conc: 45.74 ng/ml



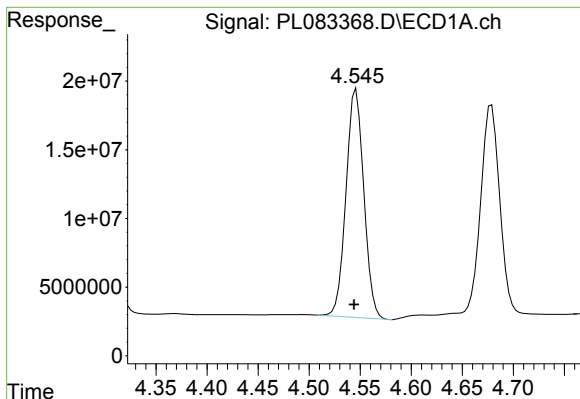
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 85978045
Conc: 45.67 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 63660095
Conc: 44.51 ng/ml



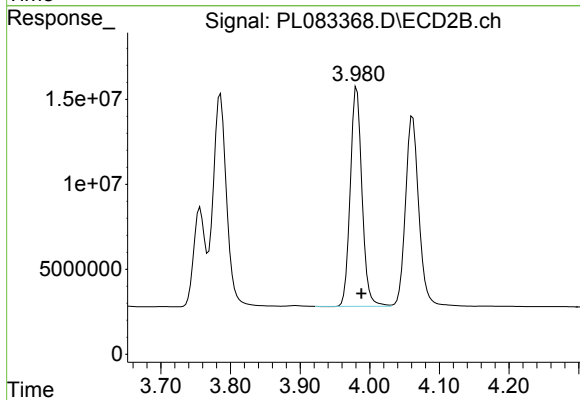
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.002 min
Response: 201749655
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

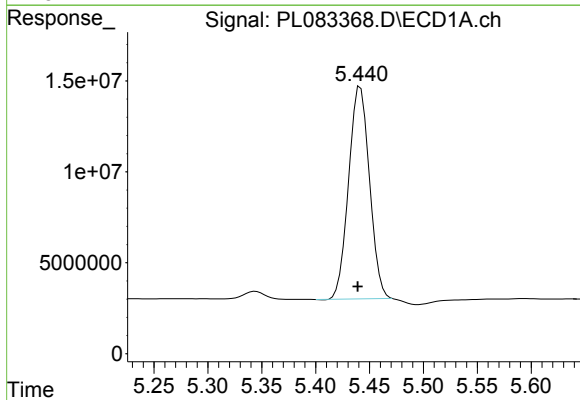
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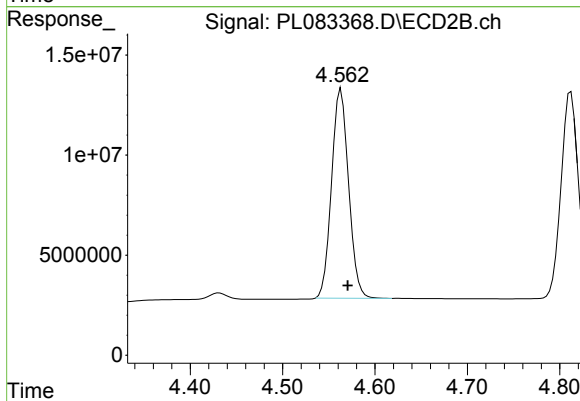
#7 delta-BHC

R.T.: 3.981 min
Delta R.T.: -0.006 min
Response: 150883788
Conc: 46.05 ng/ml



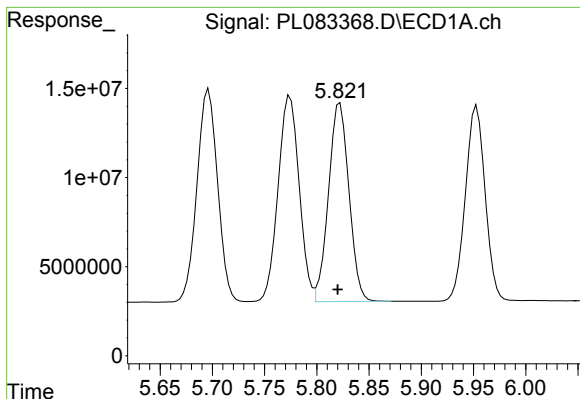
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 157466366
Conc: 49.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 134073913
Conc: 45.17 ng/ml



#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 151761785
Conc: 50.58 ng/ml

Instrument :

ECD_L

ClientSampleId :

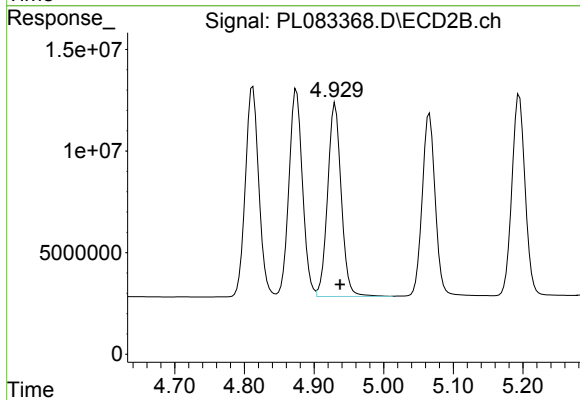
PSTDCCC050

Manual Integrations

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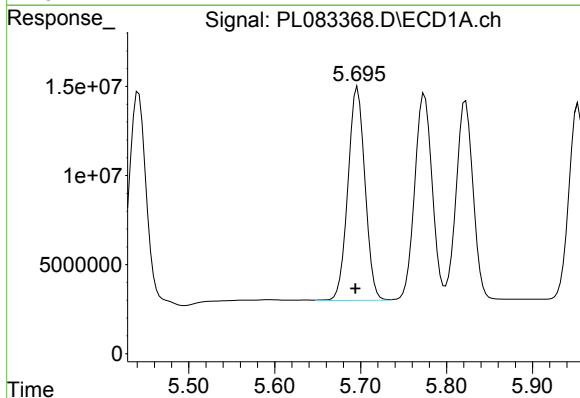
Reviewed By :Abdul Mirza 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023



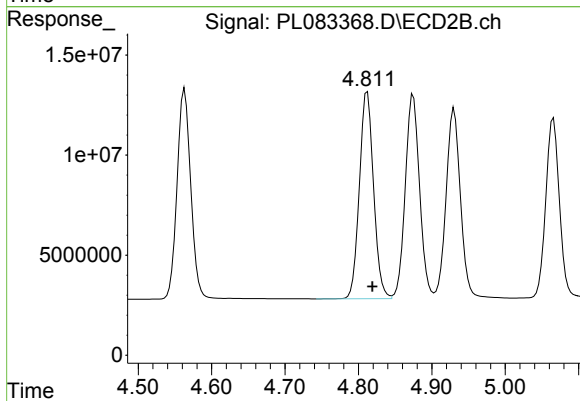
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 129414776
Conc: 46.31 ng/ml



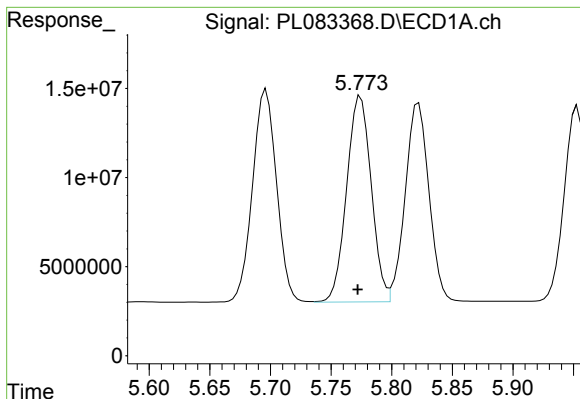
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 165555912
Conc: 52.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 138664869
Conc: 46.17 ng/ml



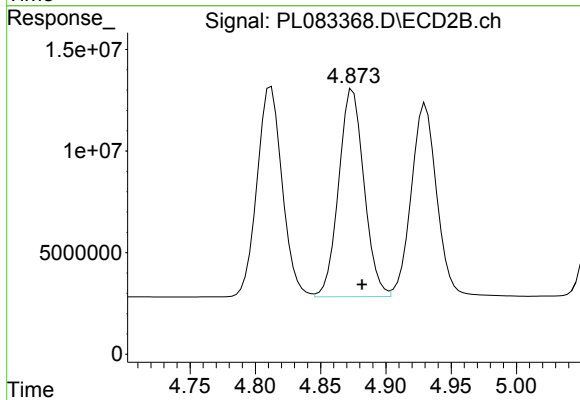
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 163243565
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

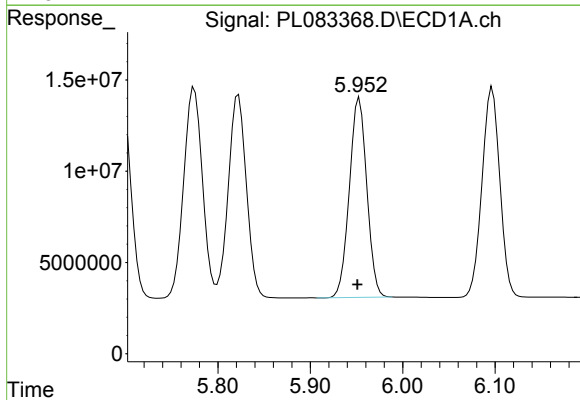
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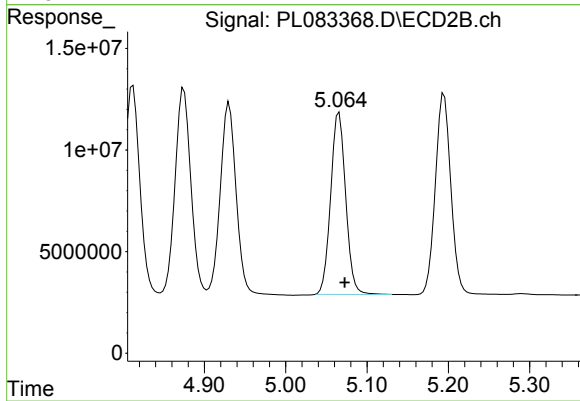
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 138137626
Conc: 46.02 ng/ml



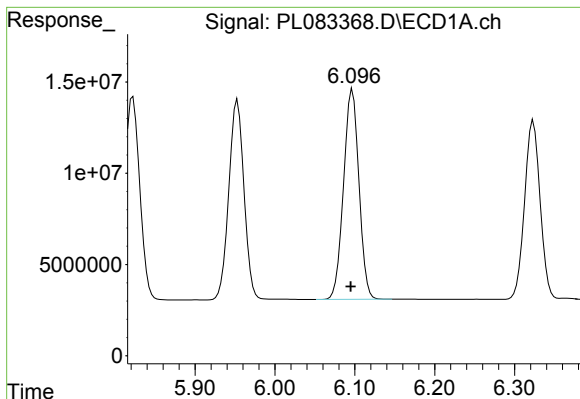
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 143584677
Conc: 52.09 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.007 min
Response: 115117675
Conc: 47.40 ng/ml



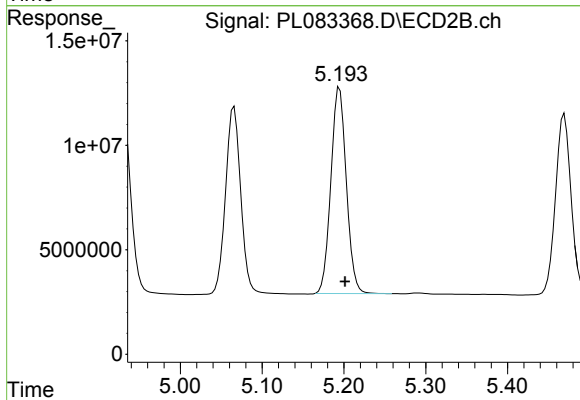
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 154206485
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

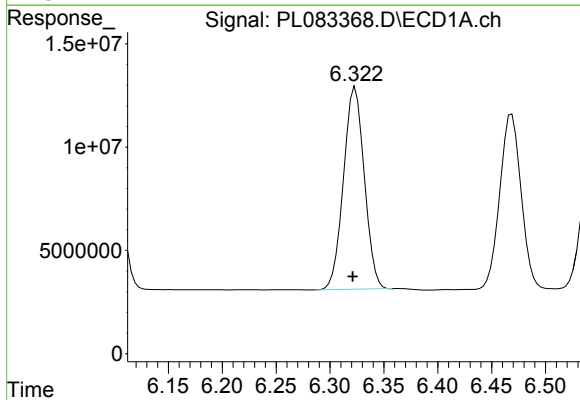
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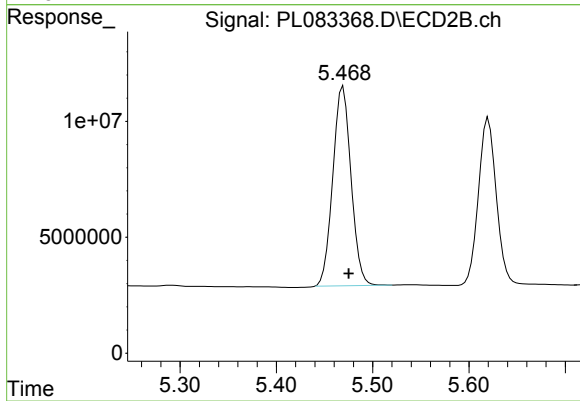
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 129627333
Conc: 45.92 ng/ml



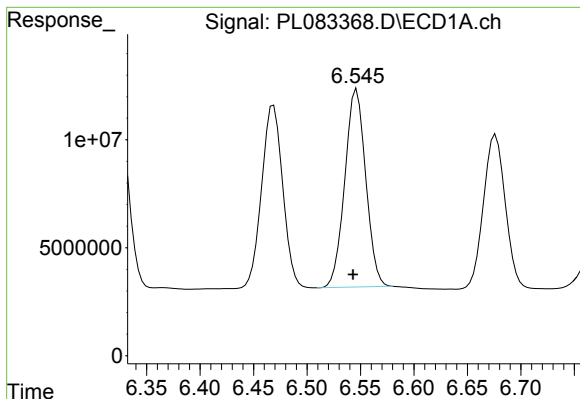
#14 Endrin

R.T.: 6.322 min
Delta R.T.: 0.001 min
Response: 131616700
Conc: 48.98 ng/ml m



#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 113125709
Conc: 44.59 ng/ml



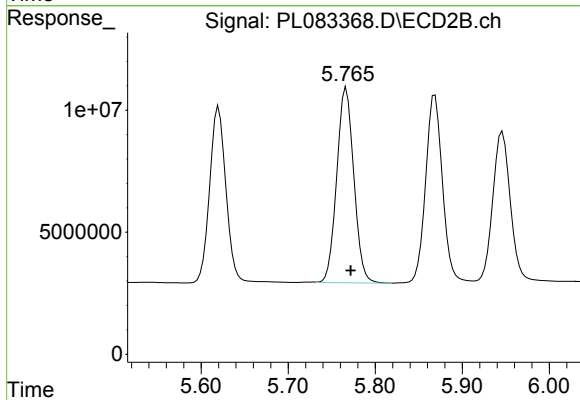
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.003 min
Response: 124995785
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

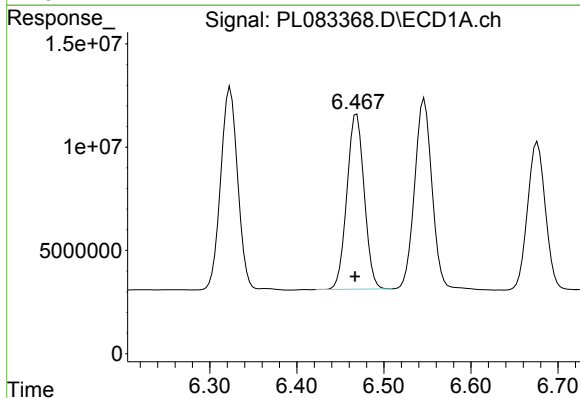
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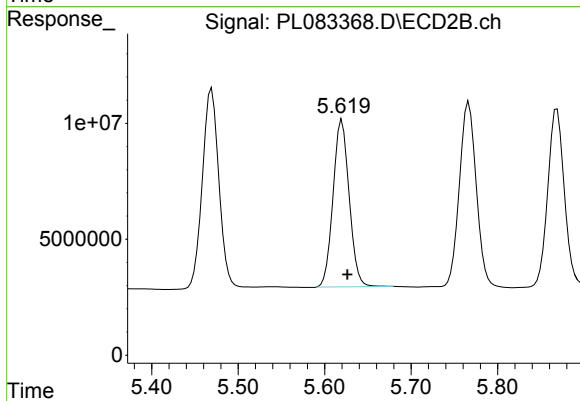
#15 Endosulfan II

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 109017849
Conc: 44.06 ng/ml



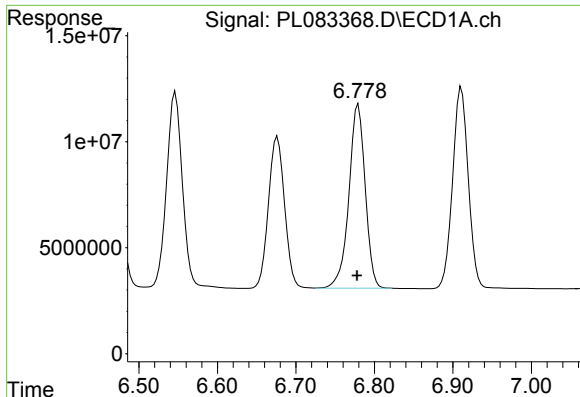
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 116894490
Conc: 53.79 ng/ml



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 92934001
Conc: 48.32 ng/ml



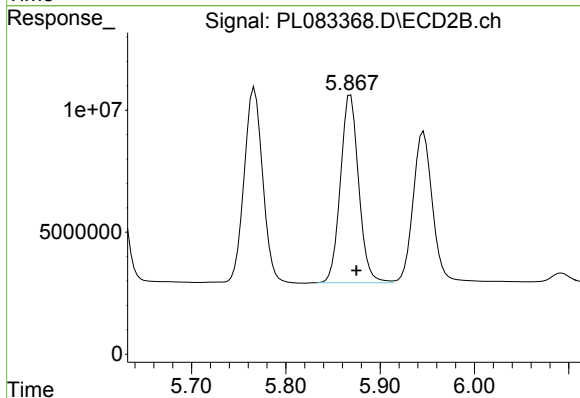
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 125328786
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

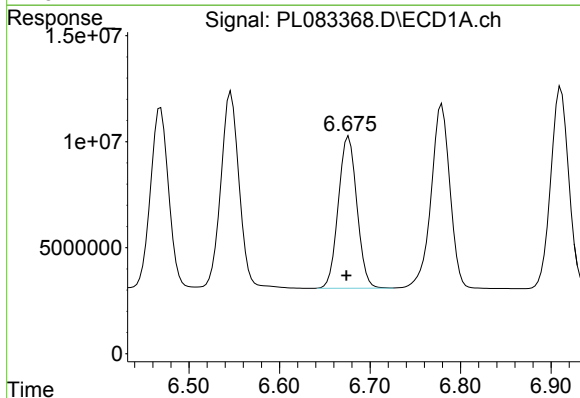
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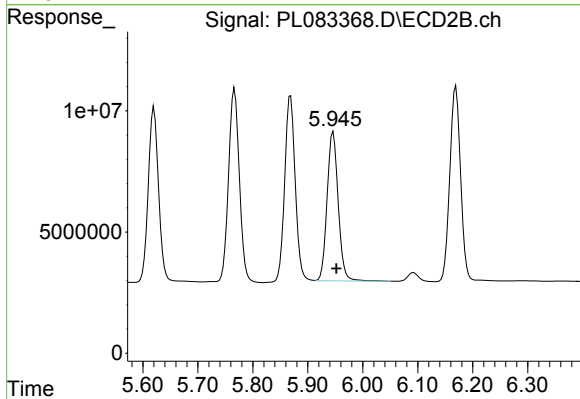
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.007 min
Response: 103581548
Conc: 46.43 ng/ml m



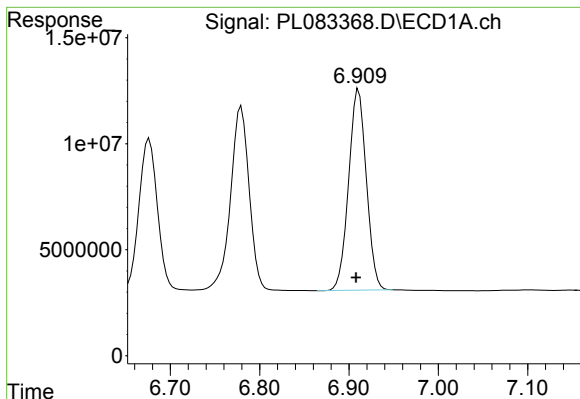
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 102139662
Conc: 50.80 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 86359875
Conc: 43.67 ng/ml



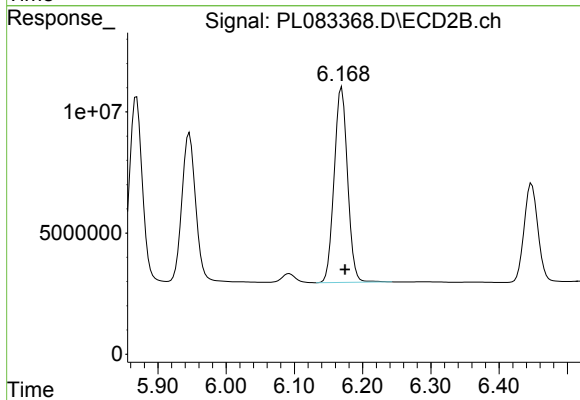
#19 Endosulfan Sulfate

R.T.: 6.911 min
Delta R.T.: 0.003 min
Response: 130748357
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

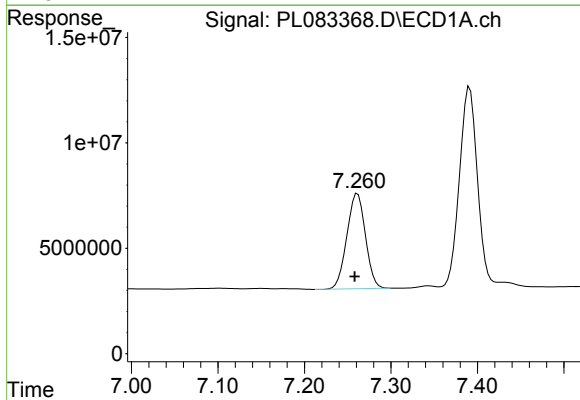
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Supervised By :Ankita Jodhani 06/13/2023



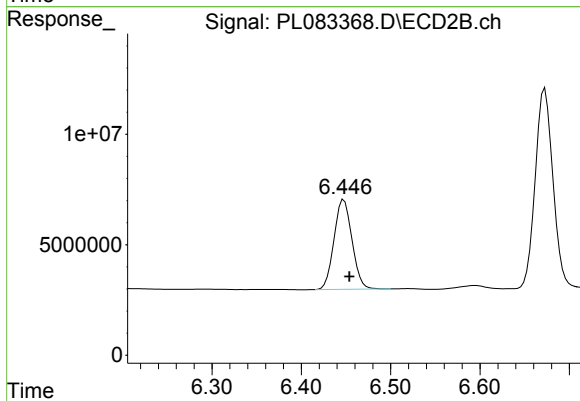
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 109807292
Conc: 44.84 ng/ml



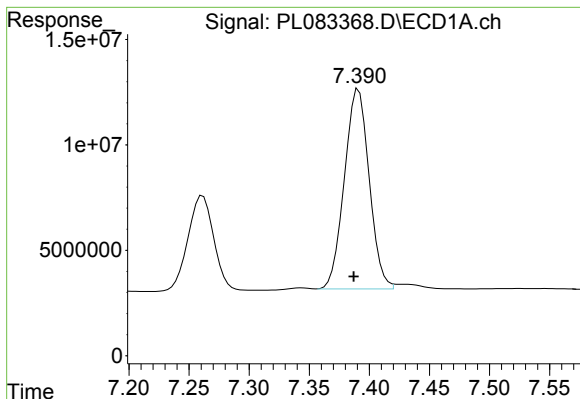
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.003 min
Response: 67106799
Conc: 50.75 ng/ml



#20 Methoxychlor

R.T.: 6.448 min
Delta R.T.: -0.006 min
Response: 56953712
Conc: 44.78 ng/ml



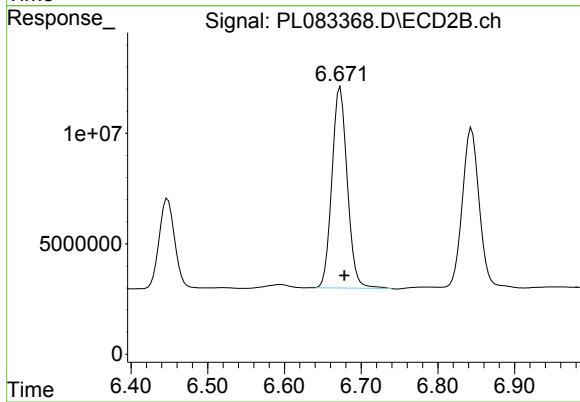
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 136591737
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

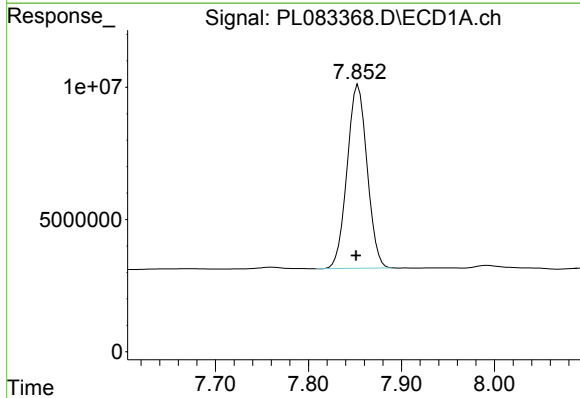
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



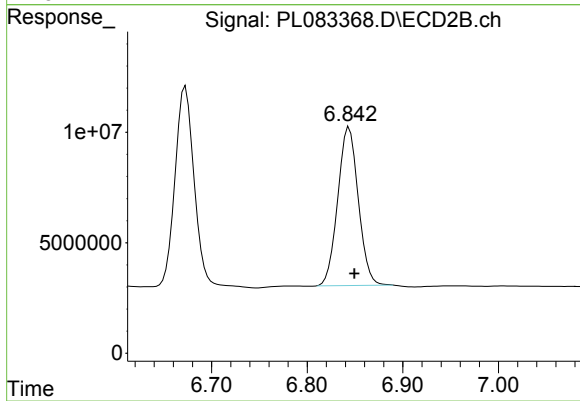
#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: -0.005 min
Response: 126610029
Conc: 46.83 ng/ml



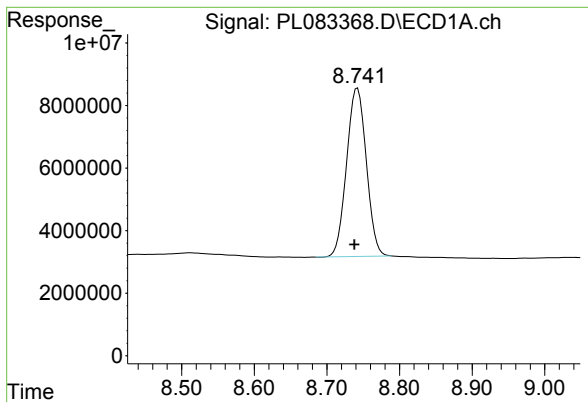
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.003 min
Response: 103713871
Conc: 49.48 ng/ml



#22 Mirex

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 107260561
Conc: 45.84 ng/ml



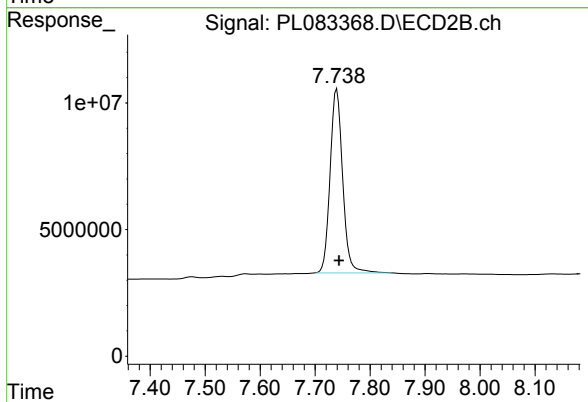
#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.004 min
Response: 101701229
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 06/13/2023



#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.004 min
Response: 115053424
Conc: 46.27 ng/ml