

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 21:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2023
 Supervised By : Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 04:09:33 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	2.637	135.9E6	120.3E6	46.250	46.332
28)	SA Decachlor...	8.731	7.741	94896595	115.3E6	45.246	46.358
Target Compounds							
2)	A alpha-BHC	3.766	3.133	207.6E6	173.4E6	46.764	46.477
3)	MA gamma-BHC...	4.093	3.460	191.2E6	160.5E6	46.157	48.163
4)	MA Heptachlor	4.671	3.791	173.1E6	163.6E6	45.284	44.679
5)	MB Aldrin	5.007	4.067	163.7E6	150.9E6	46.538	46.372
6)	B beta-BHC	4.297	3.760	84307220	67889380	44.779	47.472
7)	B delta-BHC	4.538	3.985	185.1E6	157.2E6	53.811	47.966
8)	B Heptachlo...	5.433	4.568	149.9E6	139.1E6	46.858	46.859
9)	A Endosulfan I	5.814	4.935	140.0E6	127.5E6	46.650	45.620
10)	B gamma-Chl...	5.688	4.816	155.3E6	139.8E6	48.892	46.539
11)	B alpha-Chl...	5.766	4.879	149.2E6	139.3E6	46.491	46.397
12)	B 4,4'-DDE	5.944	5.068	128.8E6	117.1E6	46.733	48.232m
13)	MA Dieldrin	6.088	5.199	138.9E6	131.7E6	46.165	46.662
14)	MA Endrin	6.315	5.473	111.4E6	109.9E6	41.451	43.318
15)	B Endosulfa...	6.537	5.769	112.8E6	109.6E6	41.989	44.286
16)	A 4,4'-DDD	6.460	5.624	109.3E6	100.9E6	50.288	52.451
17)	MA 4,4'-DDT	6.770	5.871	99865763	94003119	39.896	42.134
18)	B Endrin al...	6.667	5.949	91575232	90812840	45.545	45.924
19)	B Endosulfa...	6.902	6.172	117.8E6	114.5E6	45.954	46.737
20)	A Methoxychlor	7.252	6.450	53566851	54014161	40.508	42.472
21)	B Endrin ke...	7.382	6.675	125.3E6	132.9E6	49.129	49.134
22)	Mirex	7.845	6.846	94299754	108.1E6	44.990	46.198

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
Data File : PL082953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2023 21:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

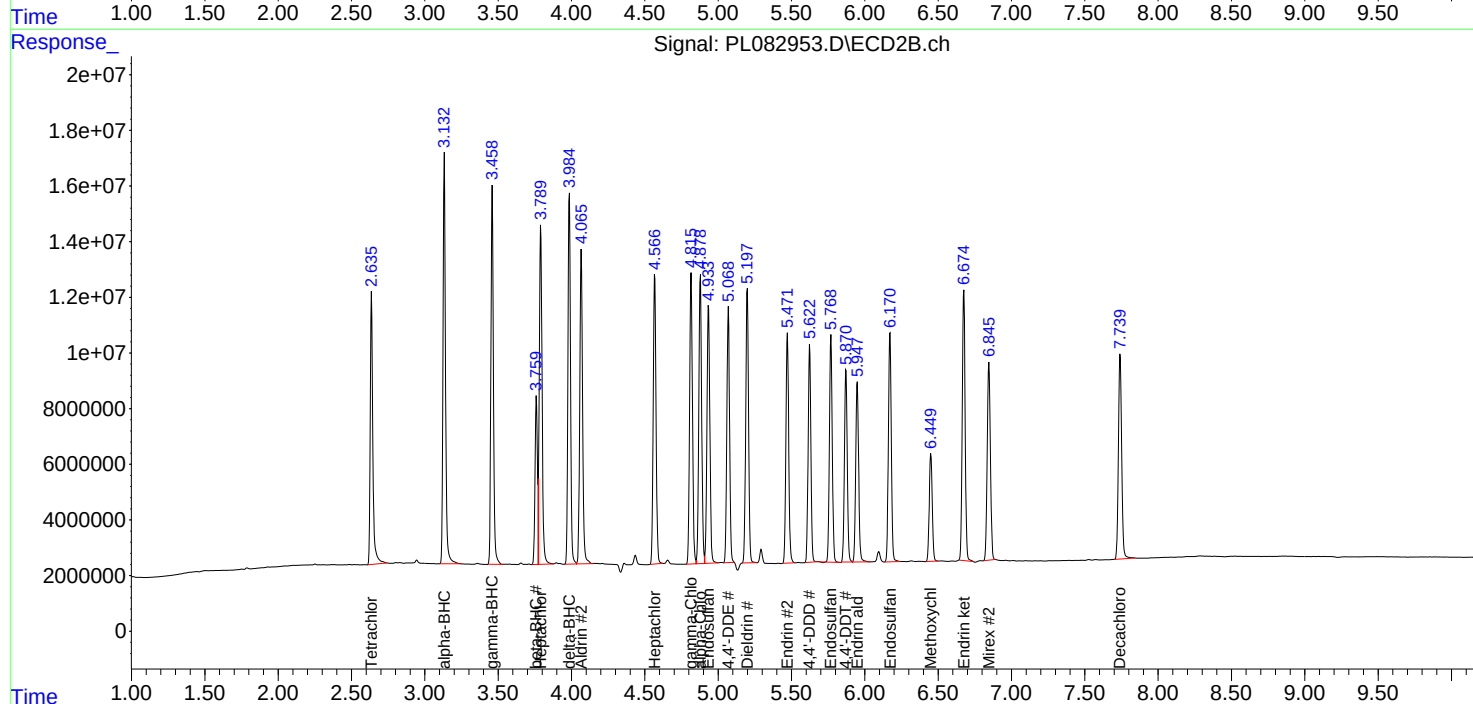
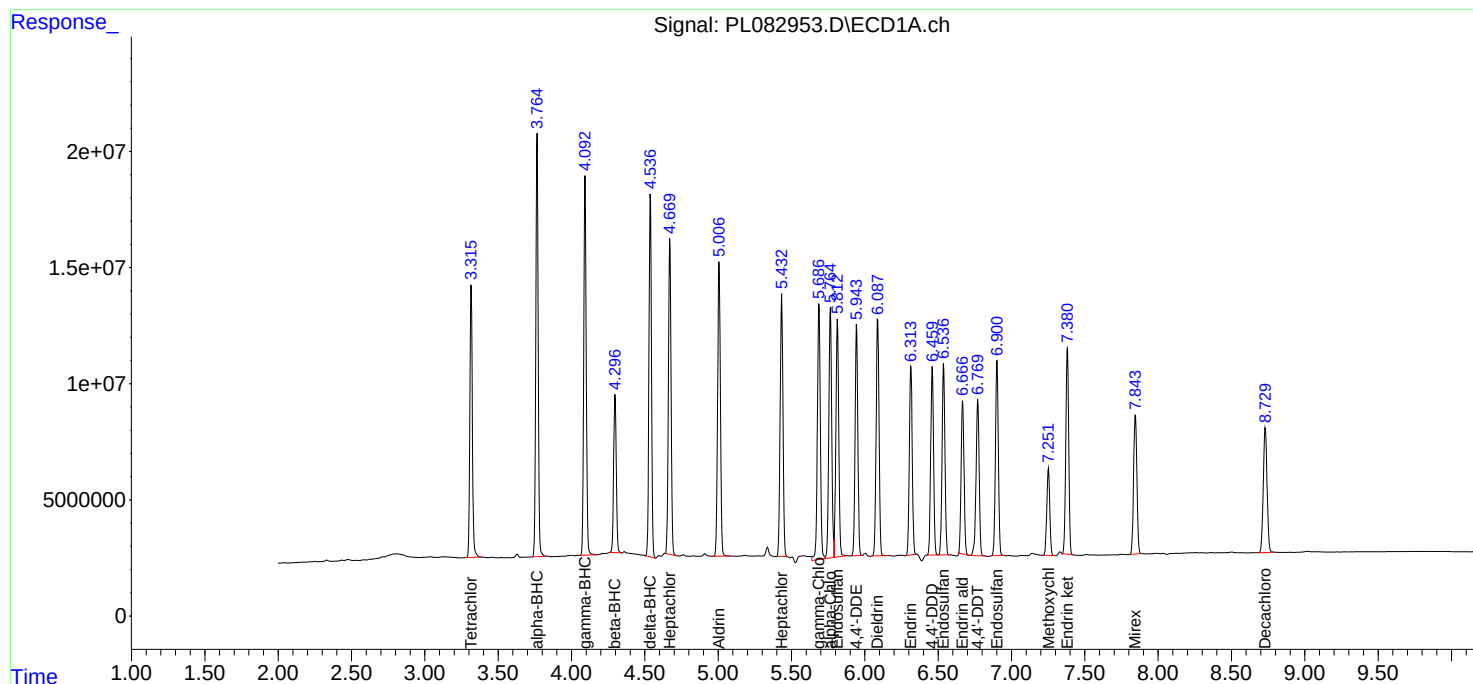
APPROVED

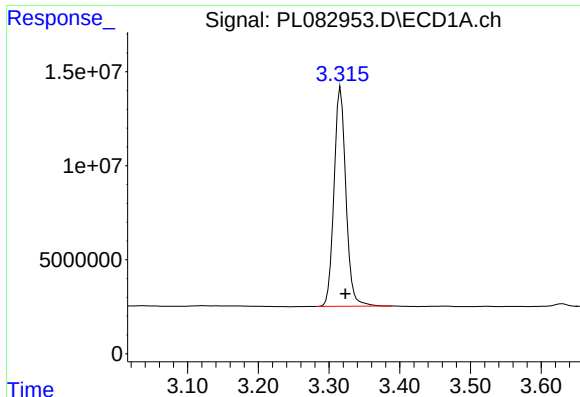
Reviewed By :Abdul Mirza 05/24/2023

Supervised By :Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 04:09:33 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: 135930327
Conc: 46.25 ng/ml

Instrument :

ECD_L

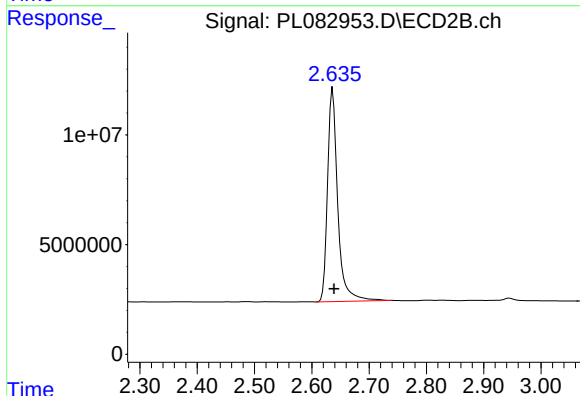
ClientSampleId :

PSTDCCC050

Manual Integrations

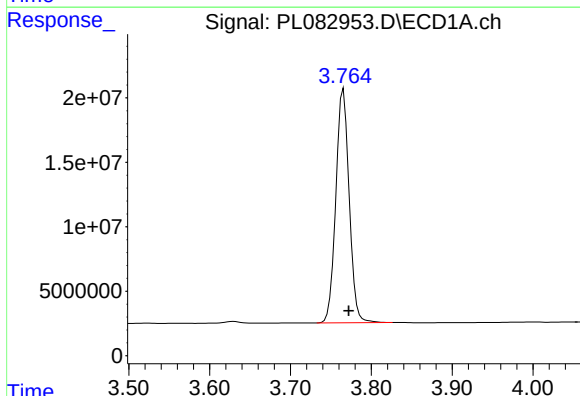
APPROVED

Reviewed By :Abdul Mirza 05/24/2023
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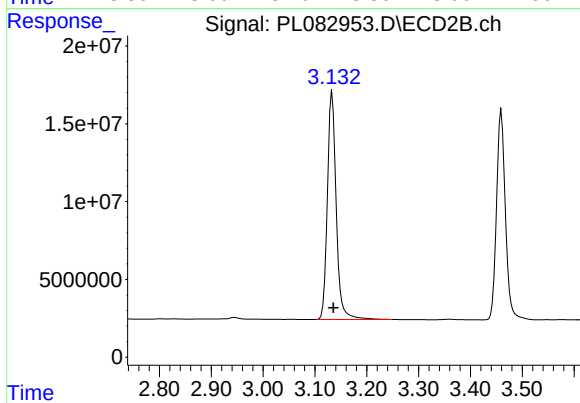
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 120282573
Conc: 46.33 ng/ml



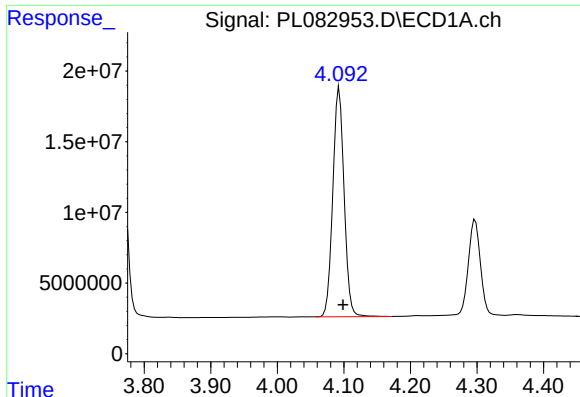
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 207595119
Conc: 46.76 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 173424549
Conc: 46.48 ng/ml



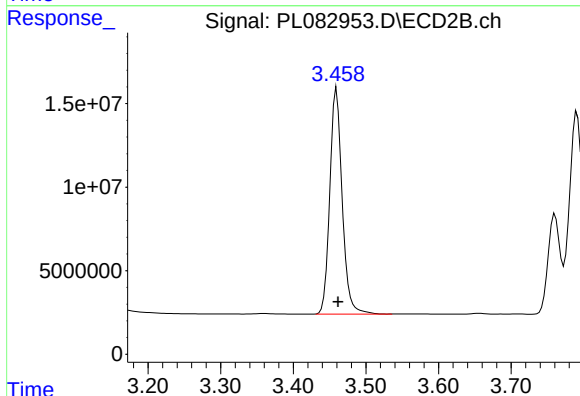
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 191226315
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

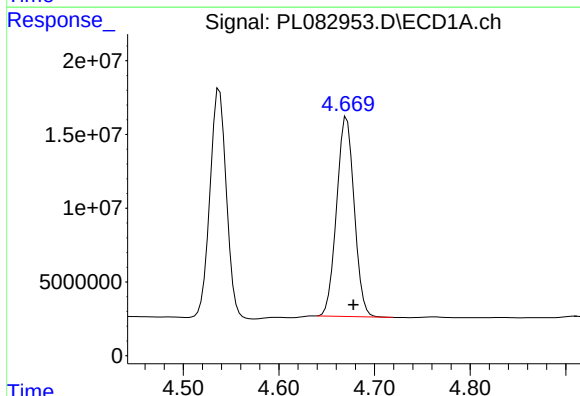
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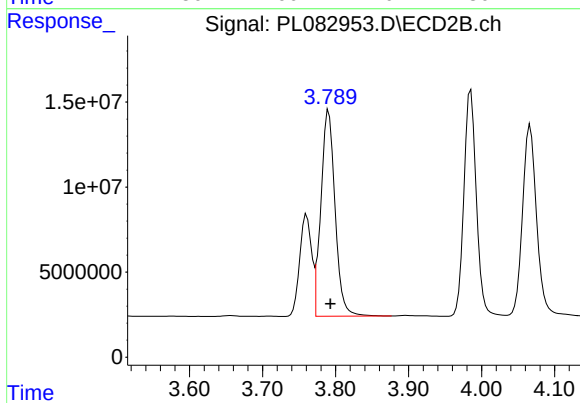
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 160541674
Conc: 48.16 ng/ml



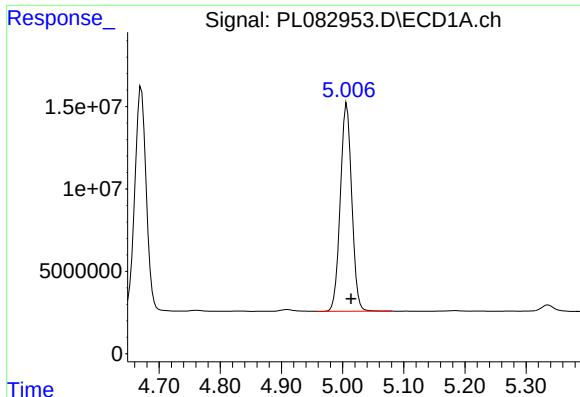
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 173095681
Conc: 45.28 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 163571925
Conc: 44.68 ng/ml



#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 163725165
Conc: 46.54 ng/ml

Instrument :

ECD_L

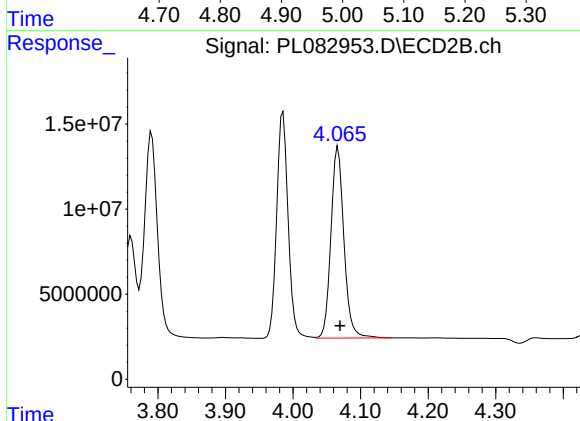
ClientSampleId :

PSTDCCC050

Manual Integrations

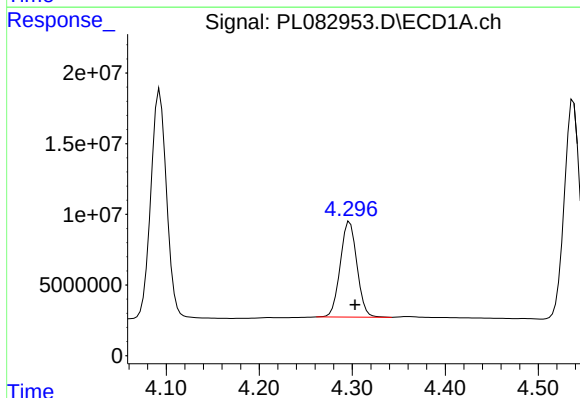
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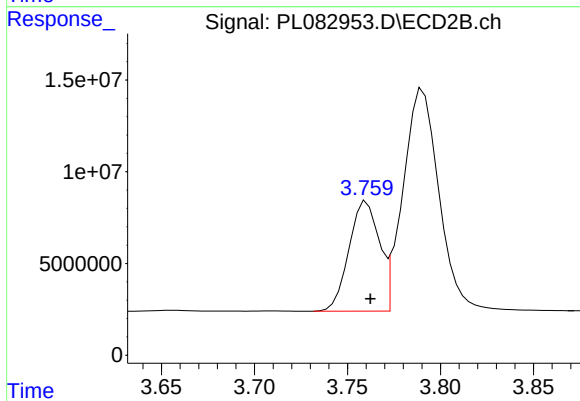
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 150876382
Conc: 46.37 ng/ml



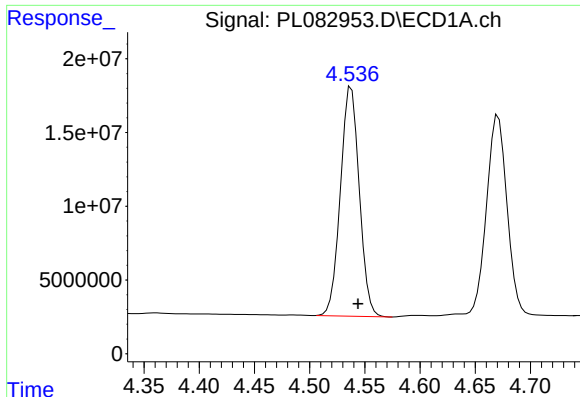
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 84307220
Conc: 44.78 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 67889380
Conc: 47.47 ng/ml



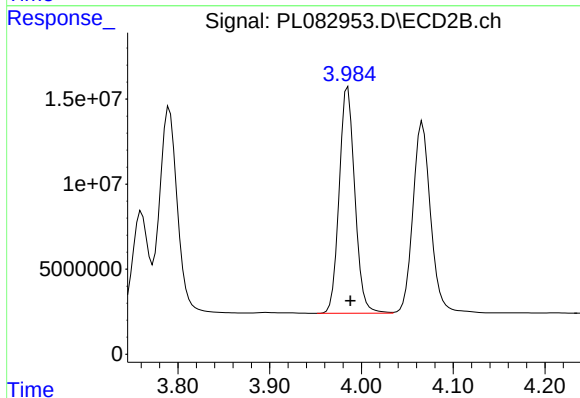
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 185052614
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

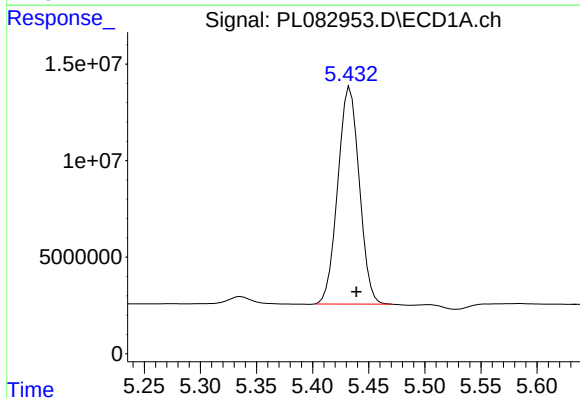
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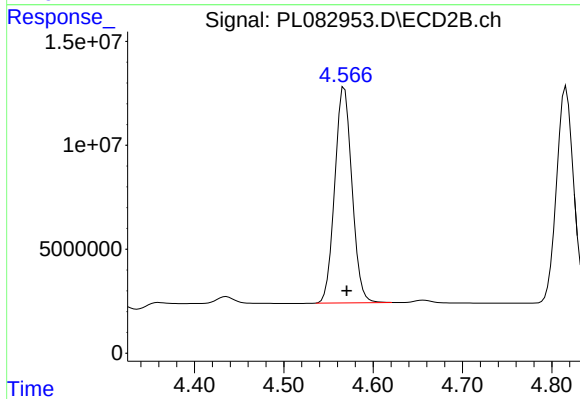
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 157158861
Conc: 47.97 ng/ml



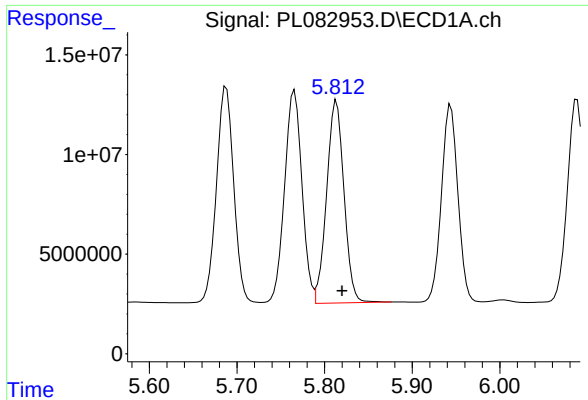
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 149883995
Conc: 46.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 139071396
Conc: 46.86 ng/ml



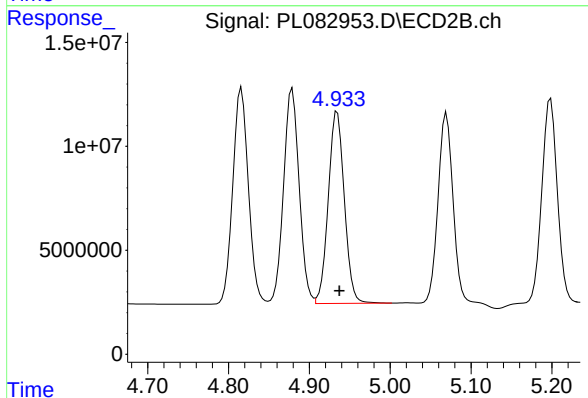
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 139976244
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

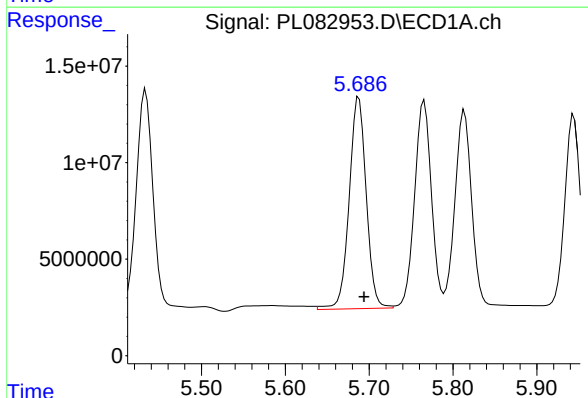
Manual Integrations
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Supervised By :Ankita Jodhani 05/24/2023



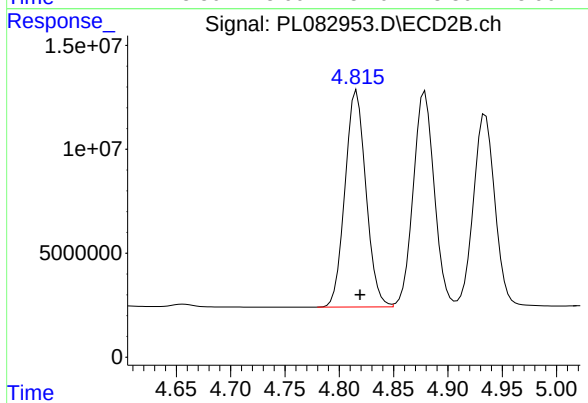
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 127478083
Conc: 45.62 ng/ml



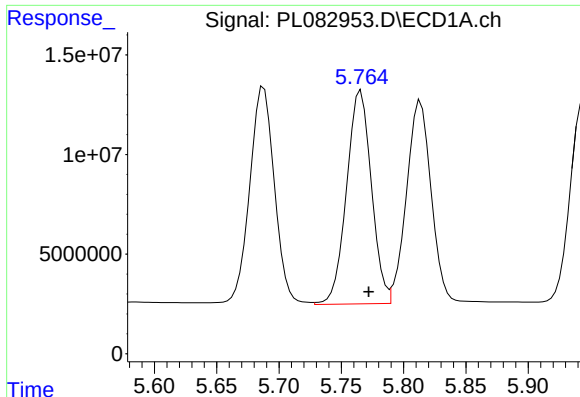
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 155330060
Conc: 48.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 139773839
Conc: 46.54 ng/ml



#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 149203964
Conc: 46.49 ng/ml

Instrument :

ECD_L

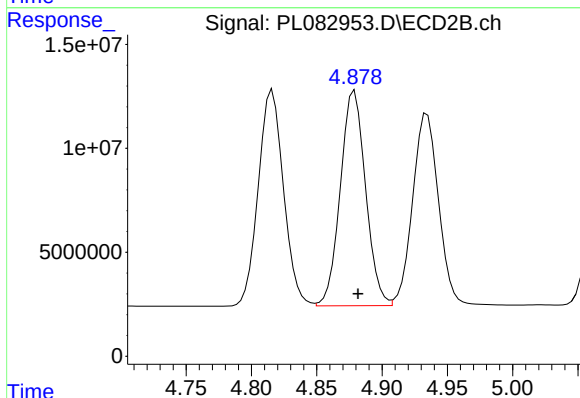
ClientSampleId :

PSTDCCC050

Manual Integrations

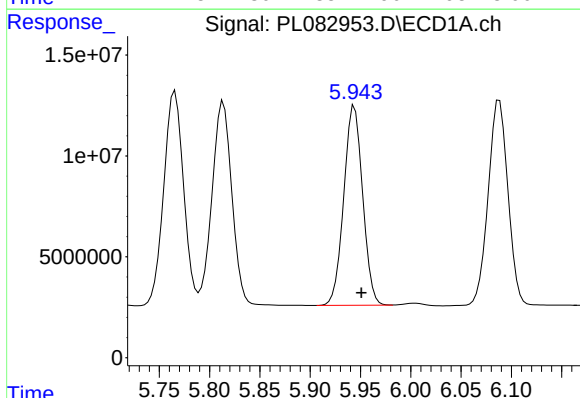
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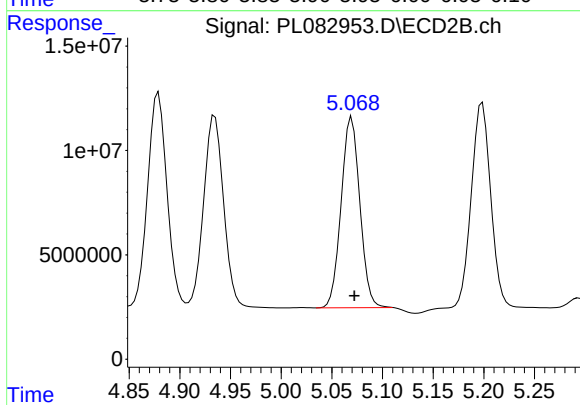
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 139282702
Conc: 46.40 ng/ml



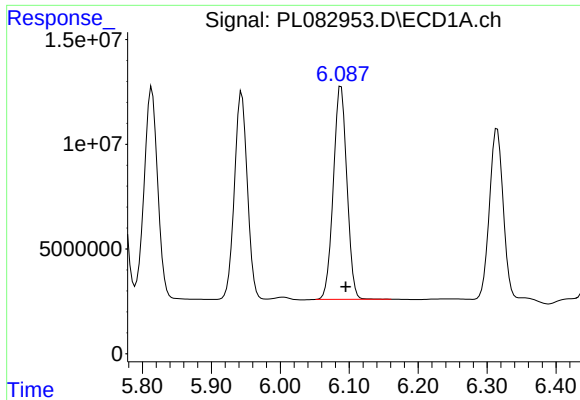
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 128821080
Conc: 46.73 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 117144646
Conc: 48.23 ng/ml m



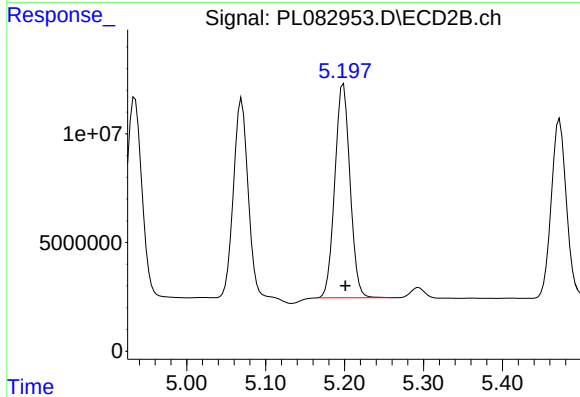
#13 Dieldrin

R.T.: 6.088 min
Delta R.T.: -0.007 min
Response: 138857126
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

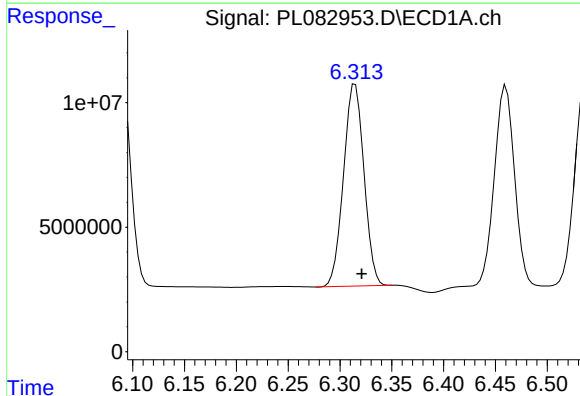
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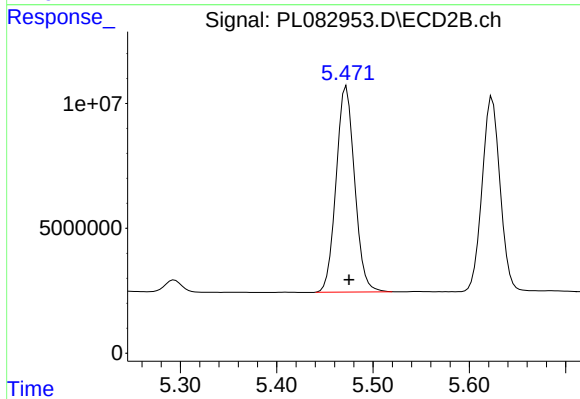
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.003 min
Response: 131723860
Conc: 46.66 ng/ml



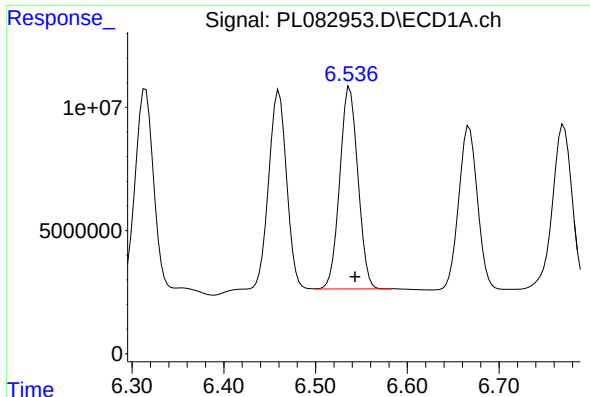
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 111389284
Conc: 41.45 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 109896866
Conc: 43.32 ng/ml



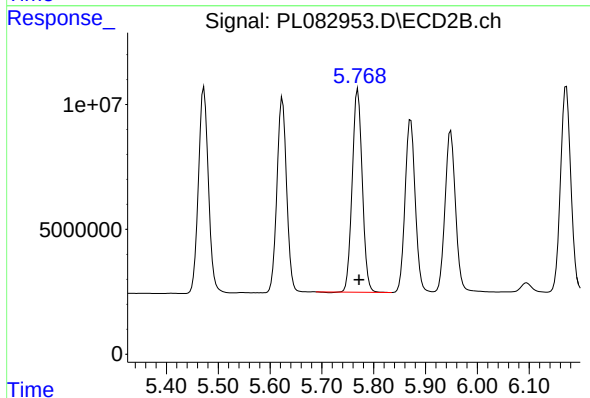
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 112841214
Conc: 41.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

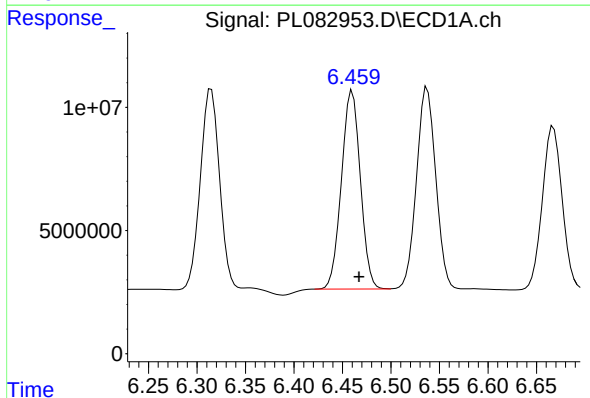
Manual Integrations
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Supervised By :Ankita Jodhani 05/24/2023



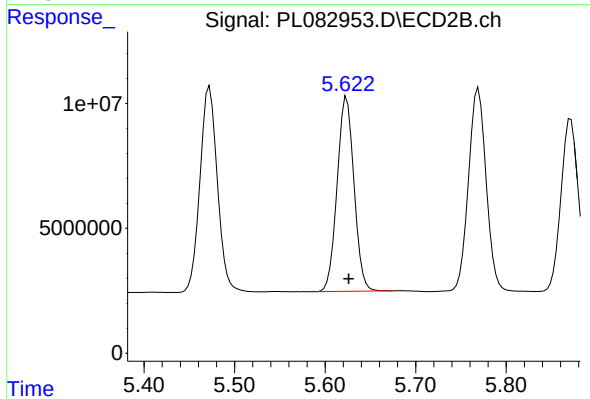
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 109571059
Conc: 44.29 ng/ml



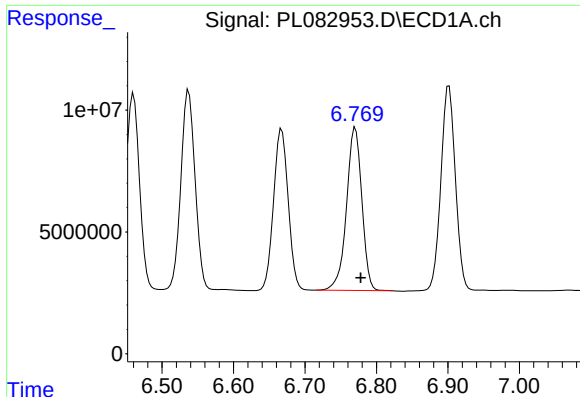
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 109278070
Conc: 50.29 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 100875102
Conc: 52.45 ng/ml



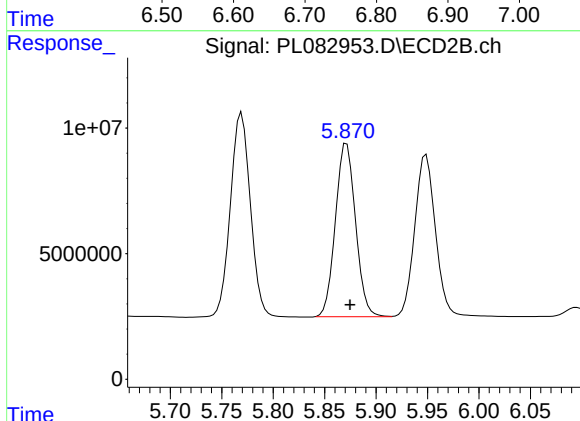
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 99865763
Conc: 39.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

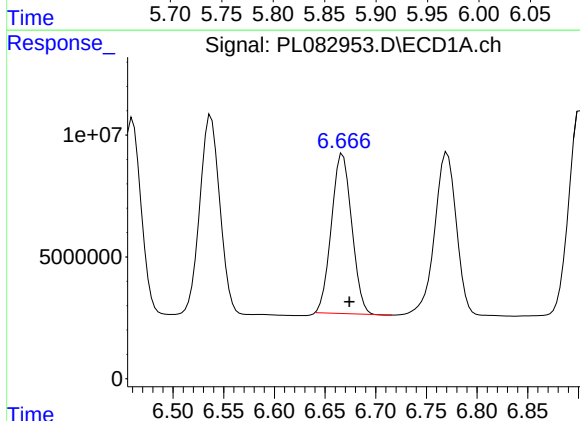
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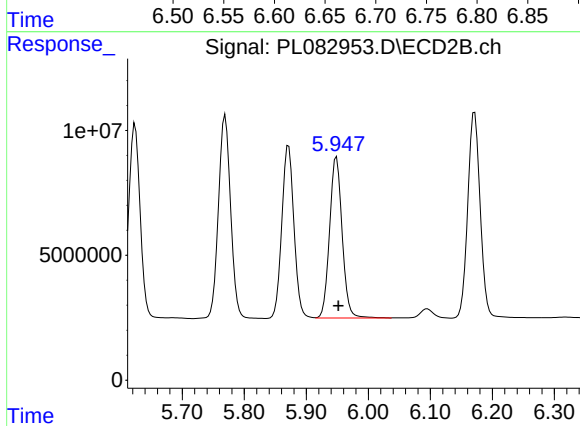
#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 94003119
Conc: 42.13 ng/ml



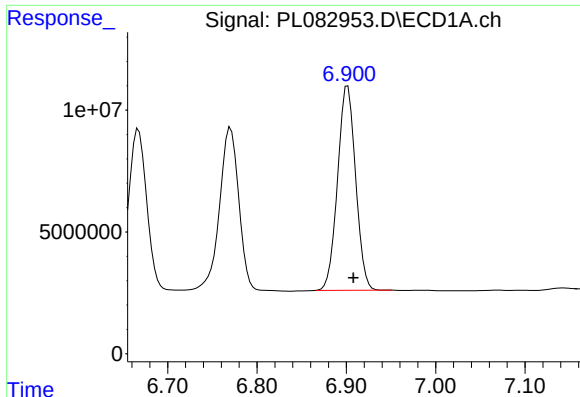
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 91575232
Conc: 45.55 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 90812840
Conc: 45.92 ng/ml



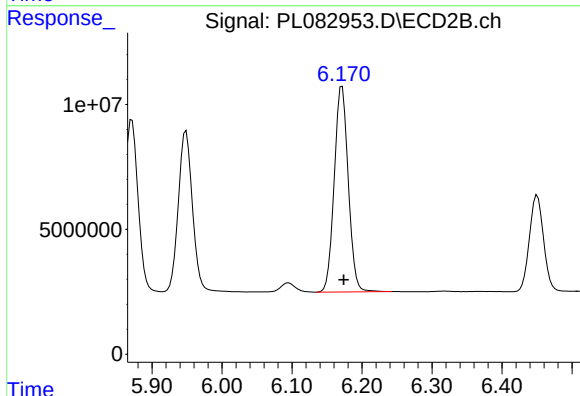
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 117811921
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

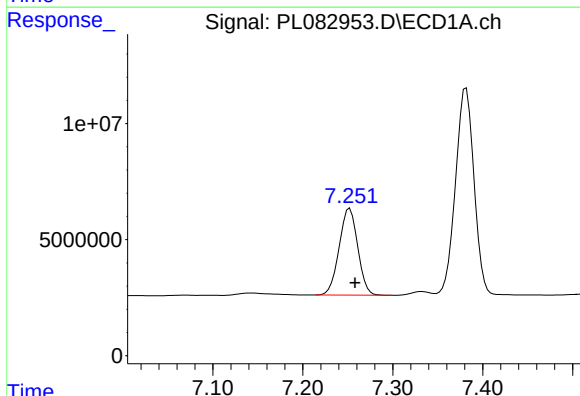
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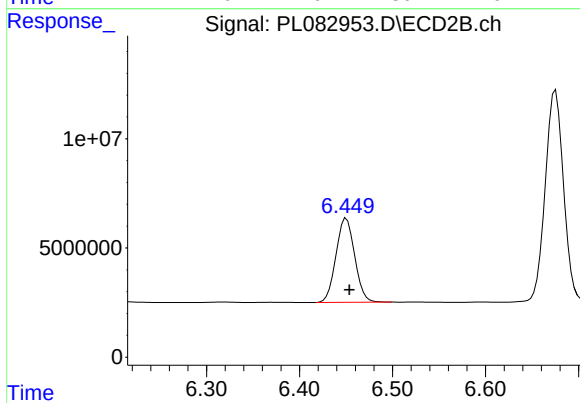
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 114459170
Conc: 46.74 ng/ml



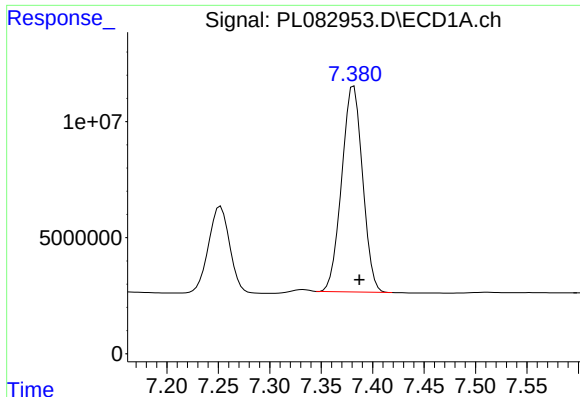
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 53566851
Conc: 40.51 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 54014161
Conc: 42.47 ng/ml



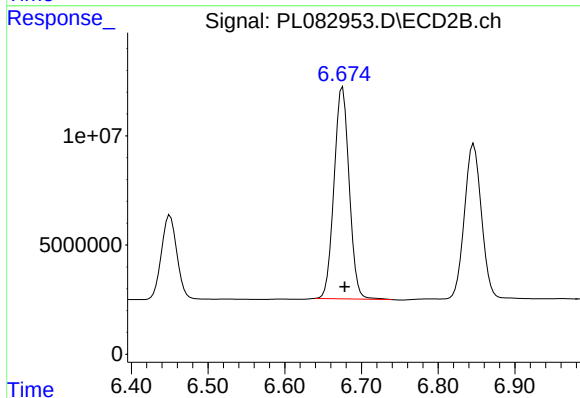
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 125317745
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

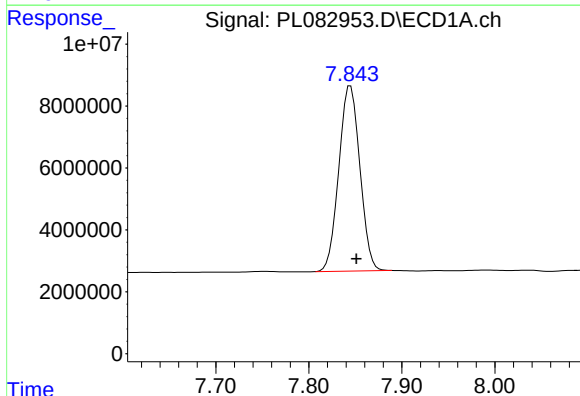
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Reviewed By :Abdul Mirza 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



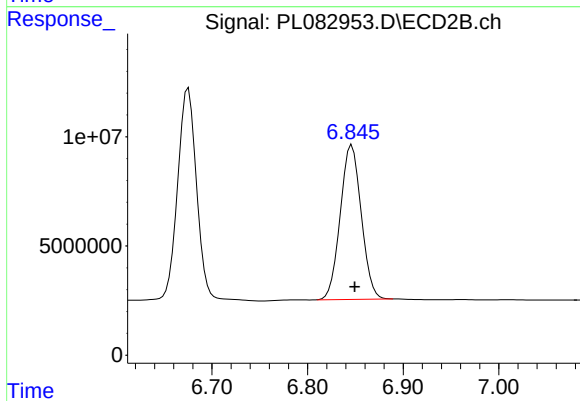
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 132851287
Conc: 49.13 ng/ml



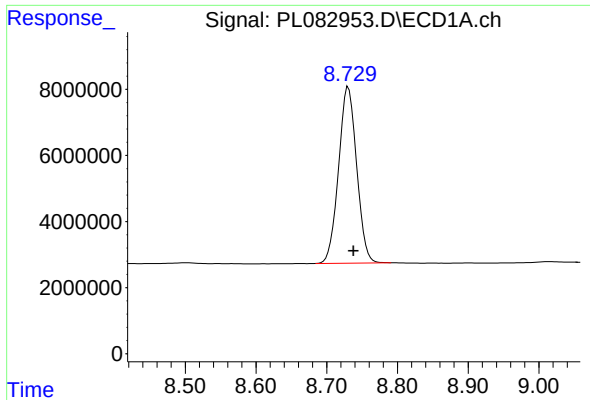
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 94299754
Conc: 44.99 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 108096429
Conc: 46.20 ng/ml



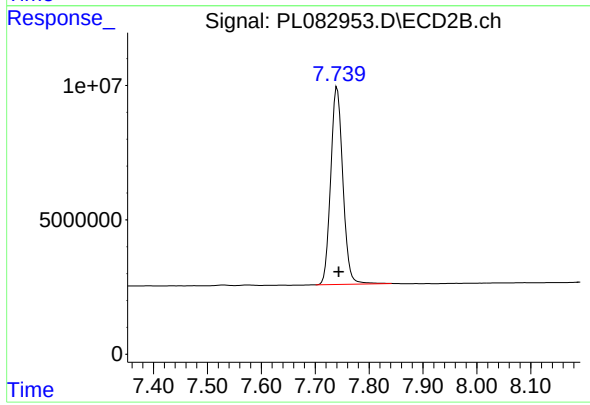
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 94896595
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/24/2023



#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 115271635
Conc: 46.36 ng/ml