

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
 Data File : PL086667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 12:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/16/2023
 Supervised By : Ankita Jodhani 11/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 13:37:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.616	164.0E6	49458081	50.523	50.230
2)	SA Decachlor...	8.850	7.765	167.5E6	67219610	57.240	55.664
Target Compounds							
2)	A alpha-BHC	3.805	3.113	247.7E6	69067291	51.484	51.815m
3)	MA gamma-BHC...	4.137	3.442	240.1E6	68071103	51.036	51.292
4)	MA Heptachlor	4.723	3.778	233.0E6	67026468	51.067	50.071
5)	MB Aldrin	5.062	4.054	233.2E6	66460800	51.519	51.073
6)	B beta-BHC	4.340	3.744	100.7E6	30147595	49.802	50.580
7)	B delta-BHC	4.583	3.969	237.8E6	69060962	51.798	52.788
8)	B Heptachlo...	5.492	4.558	204.2E6	61375553	52.530	51.103
9)	A Endosulfan I	5.876	4.926	193.1E6	58123137	51.483	50.549
10)	B gamma-Chl...	5.750	4.810	210.2E6	64177148	51.292	52.017
11)	B alpha-Chl...	5.829	4.874	209.1E6	63766137	51.503	50.993
12)	B 4,4'-DDE	6.013	5.073	181.7E6	55034121	52.378	53.612
13)	MA Dieldrin	6.153	5.191	204.6E6	61882463	52.035	51.864
14)	MA Endrin	6.382	5.465	166.0E6	53557869	48.190	48.897
15)	B Endosulfa...	6.604	5.763	176.5E6	56902191	49.650	51.844
16)	A 4,4'-DDD	6.532	5.629	145.8E6	47829416	54.762	56.139
17)	MA 4,4'-DDT	6.847	5.880	150.0E6	50137522	50.603	51.288
18)	B Endrin al...	6.736	5.944	130.9E6	45118963	49.387	48.165
19)	B Endosulfa...	6.971	6.169	169.1E6	56555859	50.379	52.069
20)	A Methoxychlor	7.333	6.464	79728843	30045070	49.959	50.228
21)	B Endrin ke...	7.454	6.670	181.4E6	69615811	53.239	54.332
22)	Mirex	7.926	6.846	139.3E6	56984865	49.331	50.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111523\
 Data File : PL086667.D
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 Acq On : 15 Nov 2023 12:52
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 Sample : PSTDCCC050
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

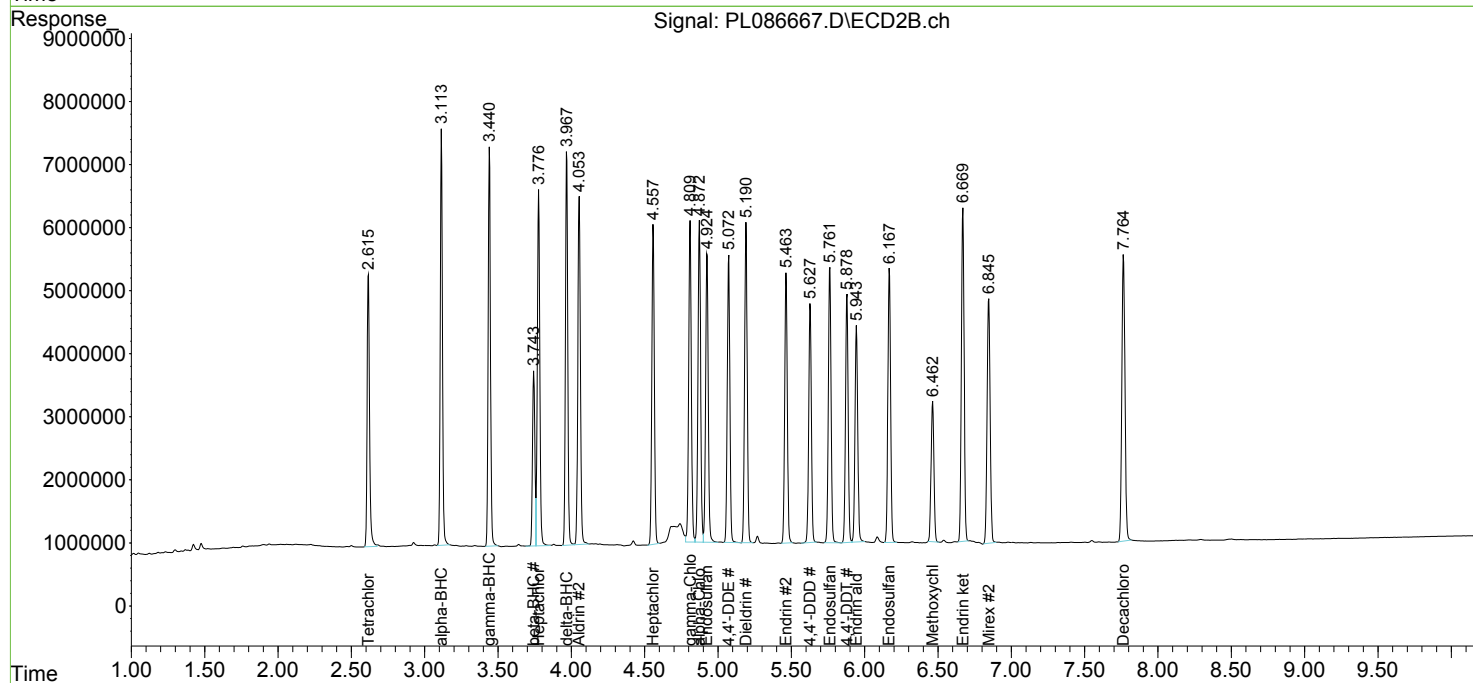
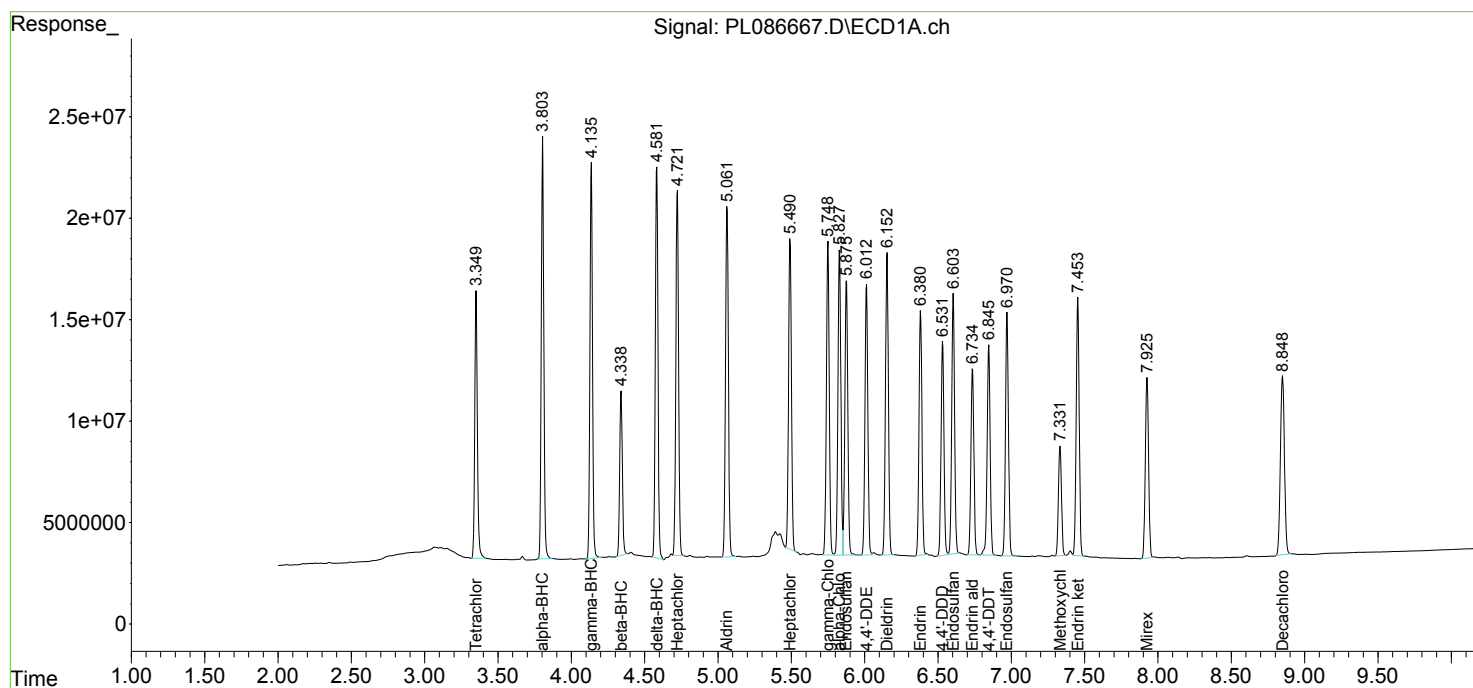
APPROVED

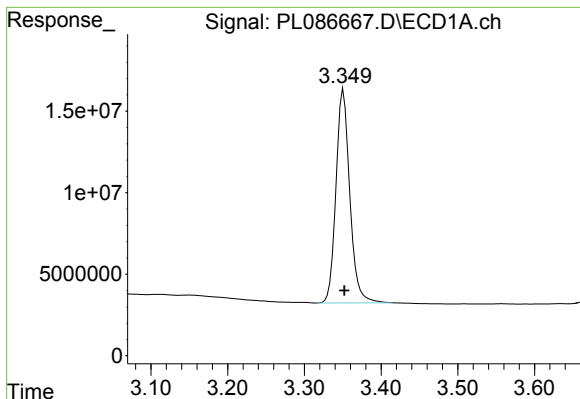
Reviewed By :Abdul Mirza 11/16/2023

Supervised By :Ankita Jodhani 11/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 13:37:36 2023
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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.: 3.351 min
Delta R.T.: -0.001 min
Response: 164048514
Conc: 50.52 ng/ml

Instrument :

ECD_L

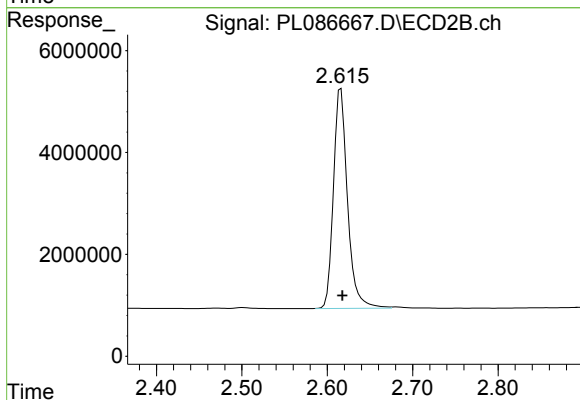
ClientSampleId :

PSTDCCC050

Manual Integrations

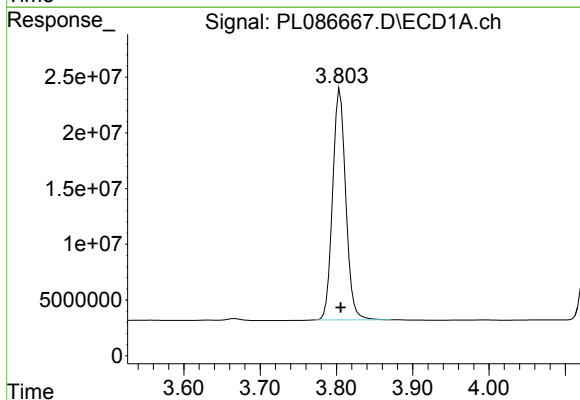
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Reviewed By :Abdul Mirza 11/16/2023
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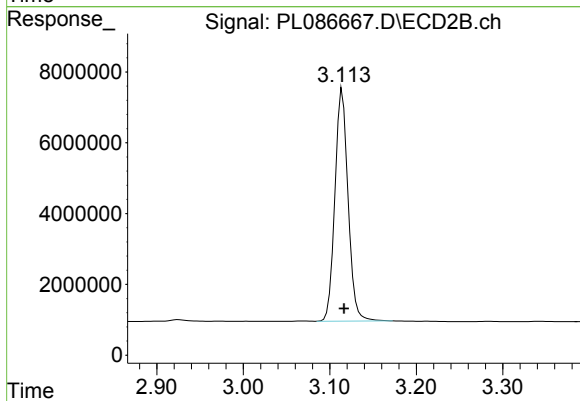
#1 Tetrachloro-m-xylene

R.T.: 2.616 min
Delta R.T.: -0.002 min
Response: 49458081
Conc: 50.23 ng/ml



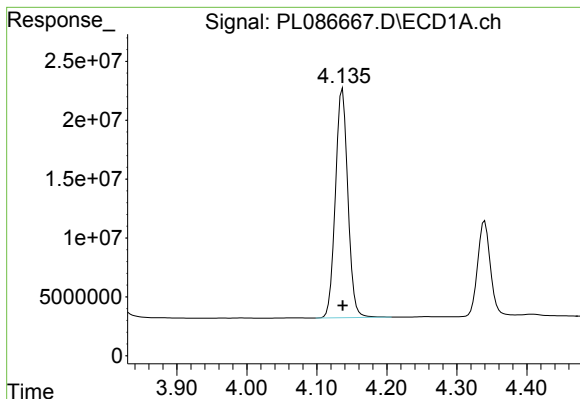
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 247658721
Conc: 51.48 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: -0.003 min
Response: 69067291
Conc: 51.82 ng/ml m



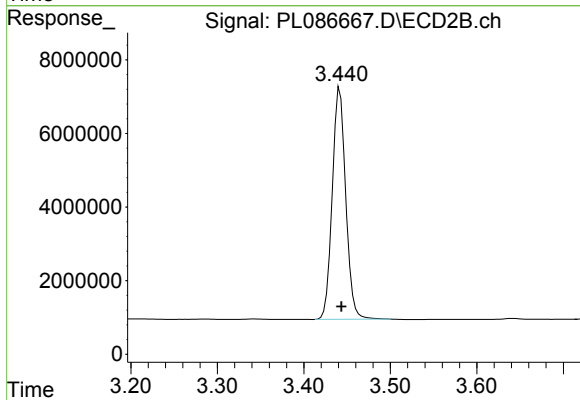
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 240106835
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

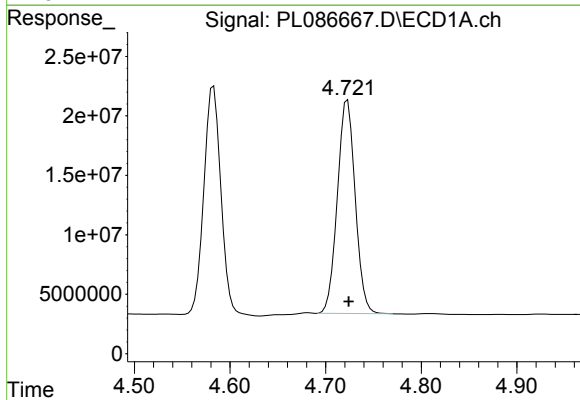
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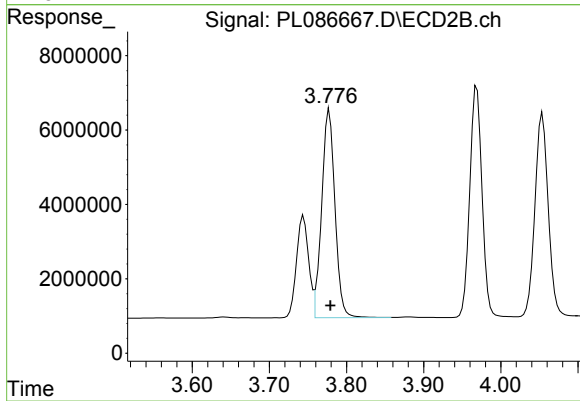
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 68071103
Conc: 51.29 ng/ml



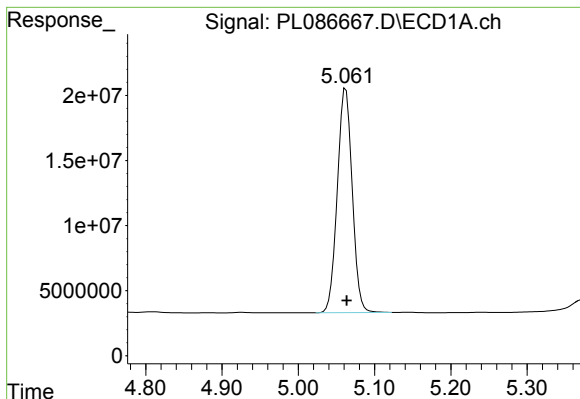
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 232962905
Conc: 51.07 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 67026468
Conc: 50.07 ng/ml



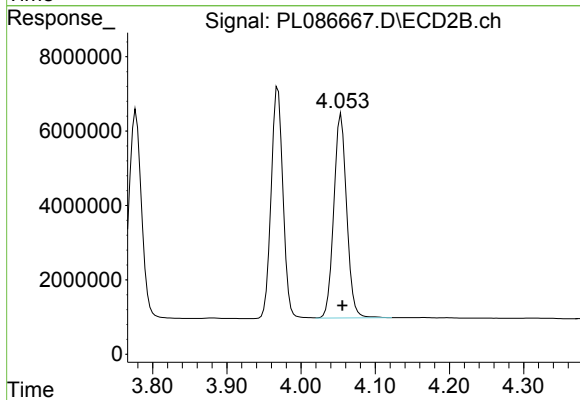
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 233245838
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

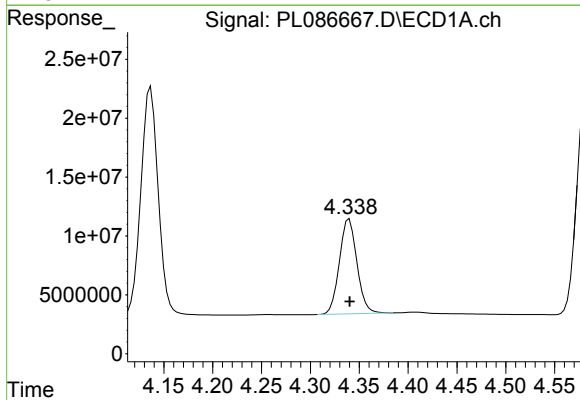
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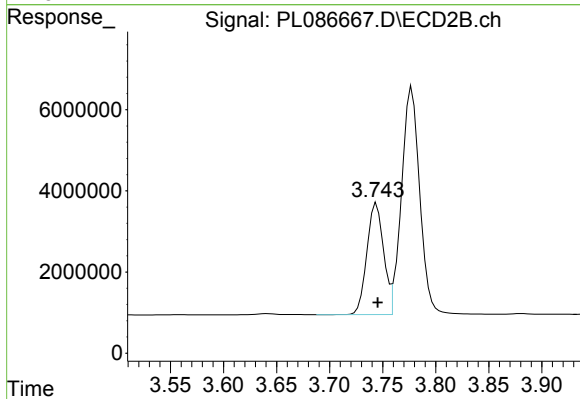
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 66460800
Conc: 51.07 ng/ml



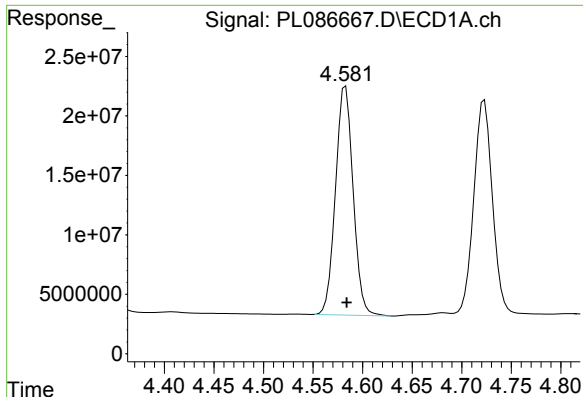
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 100728270
Conc: 49.80 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 30147595
Conc: 50.58 ng/ml



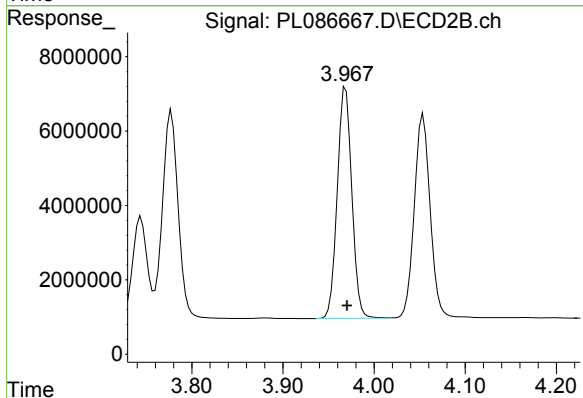
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 237822001
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

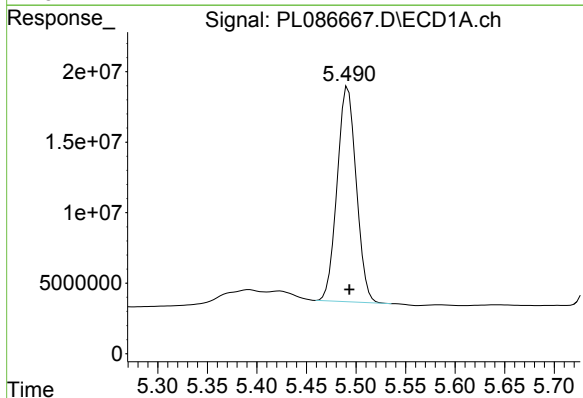
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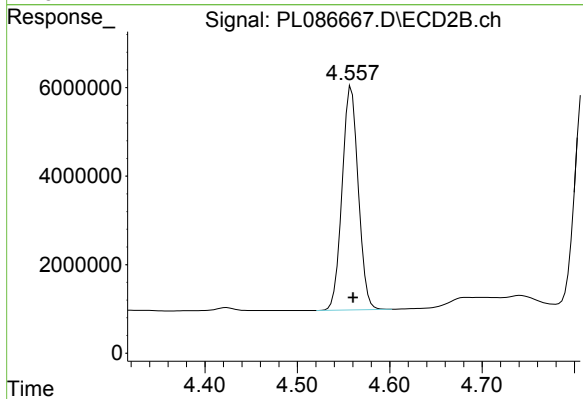
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 69060962
Conc: 52.79 ng/ml



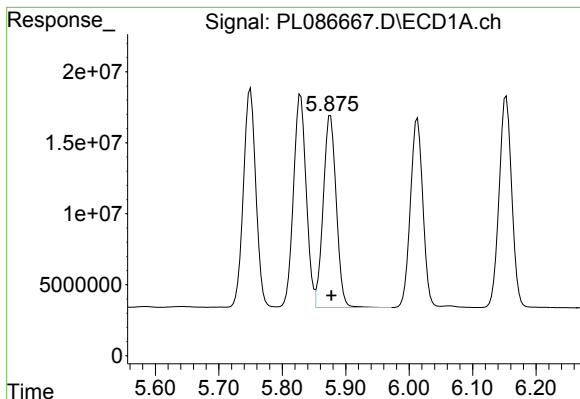
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 204202656
Conc: 52.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 61375553
Conc: 51.10 ng/ml



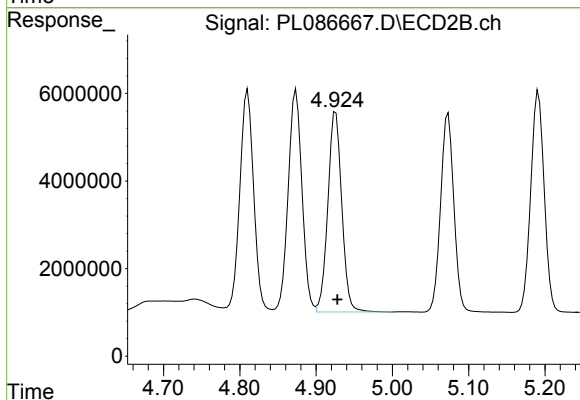
#9 Endosulfan I

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 193142029
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

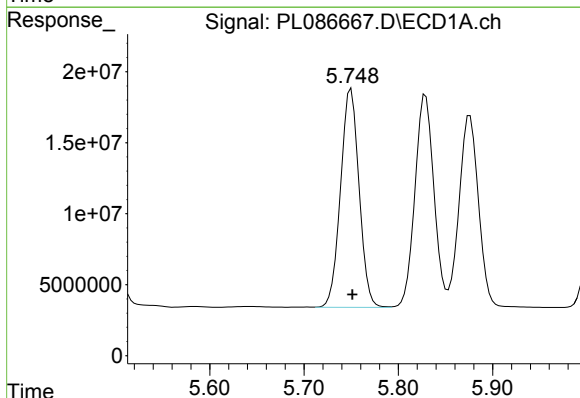
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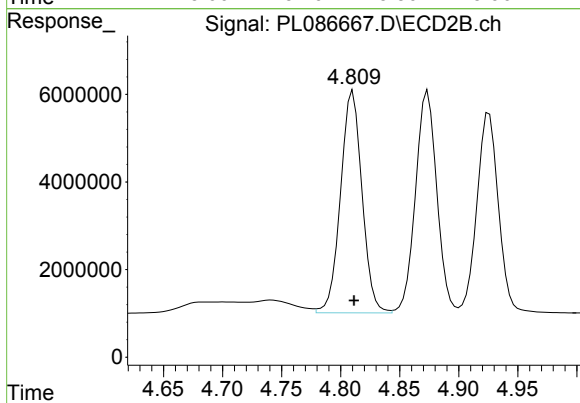
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 58123137
Conc: 50.55 ng/ml



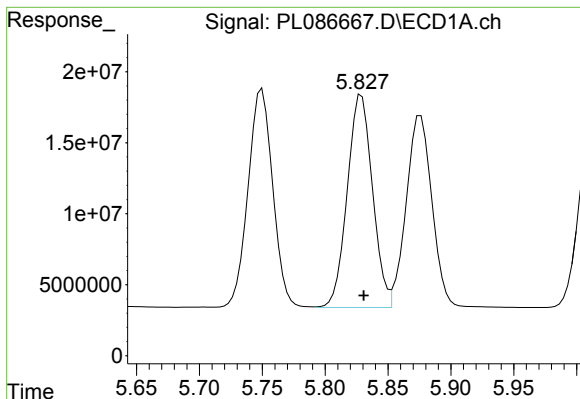
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.001 min
Response: 210154550
Conc: 51.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.810 min
Delta R.T.: -0.001 min
Response: 64177148
Conc: 52.02 ng/ml



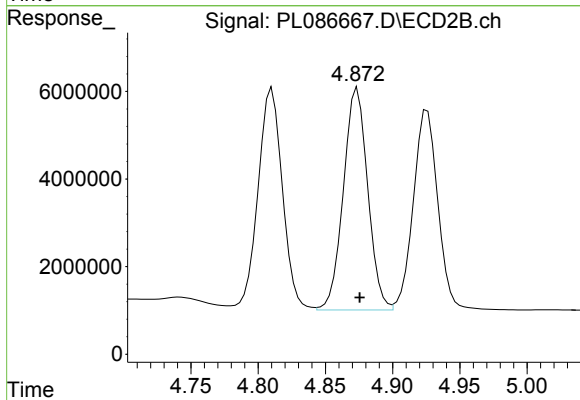
#11 alpha-Chlordane

R.T.: 5.829 min
Delta R.T.: -0.002 min
Response: 209099279
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

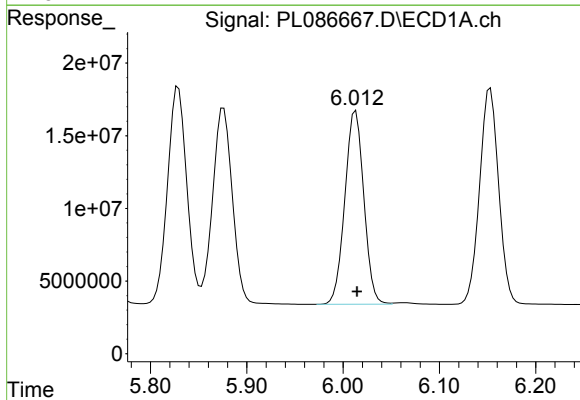
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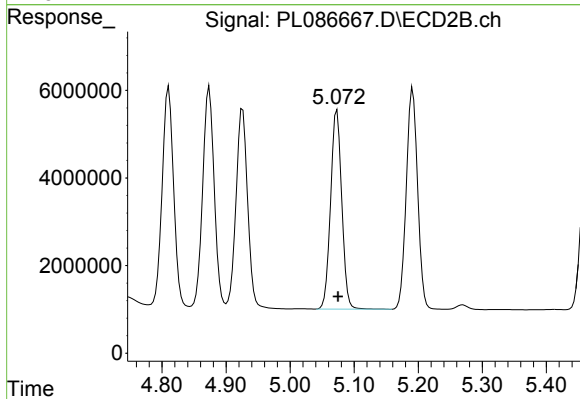
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 63766137
Conc: 50.99 ng/ml



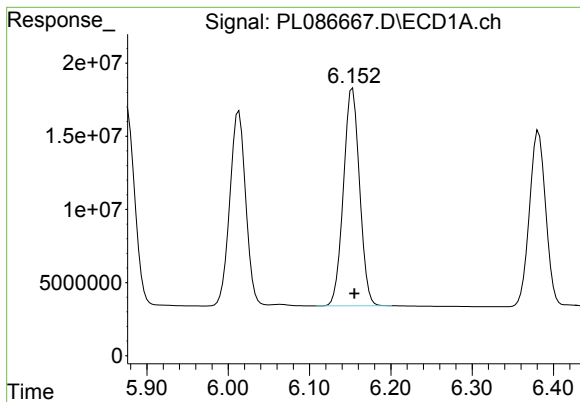
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 181660328
Conc: 52.38 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 55034121
Conc: 53.61 ng/ml



#13 Dieldrin

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 204599260
Conc: 52.03 ng/ml

Instrument :

ECD_L

ClientSampleId :

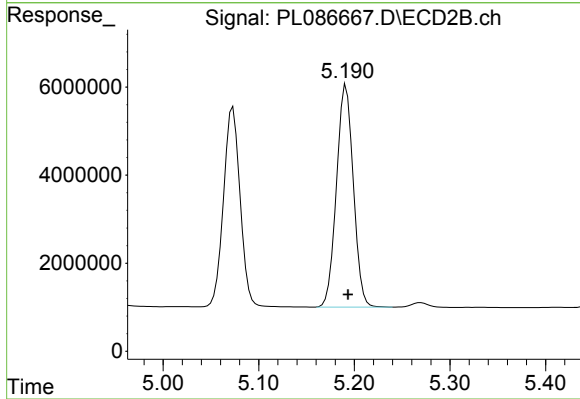
PSTDCCC050

Manual Integrations

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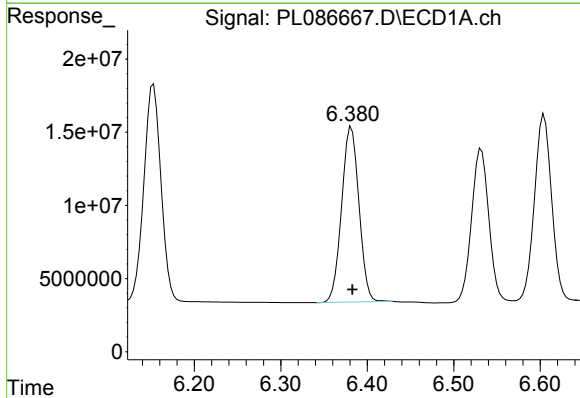
Reviewed By :Abdul Mirza 11/16/2023

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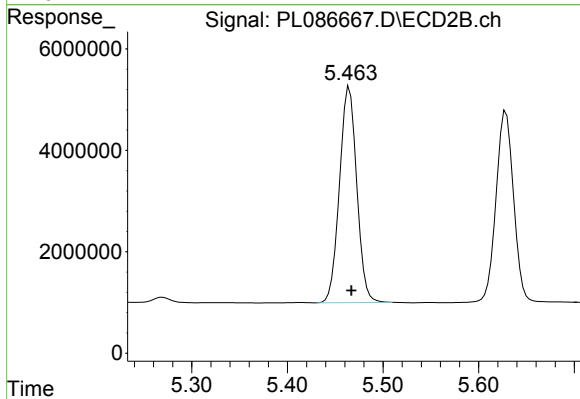
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 61882463
Conc: 51.86 ng/ml



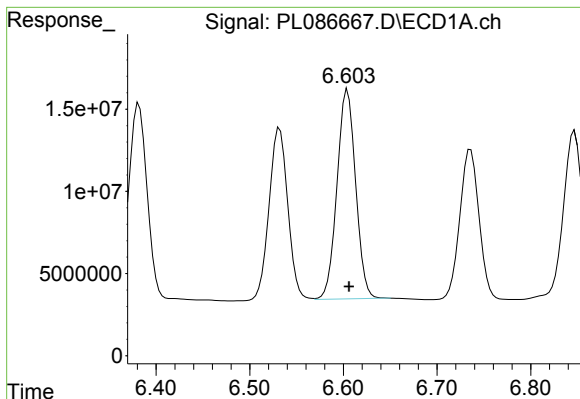
#14 Endrin

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 165982973
Conc: 48.19 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 53557869
Conc: 48.90 ng/ml



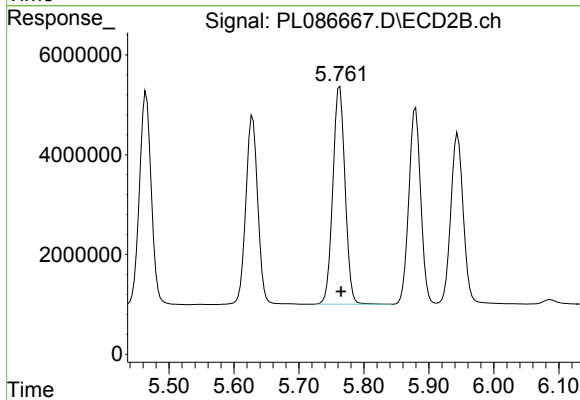
#15 Endosulfan II

R.T.: 6.604 min
Delta R.T.: -0.001 min
Response: 176474602
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

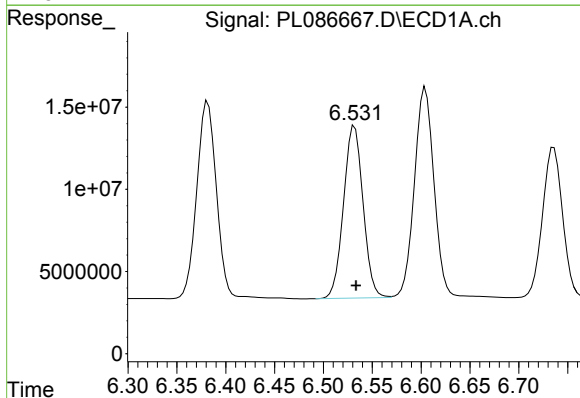
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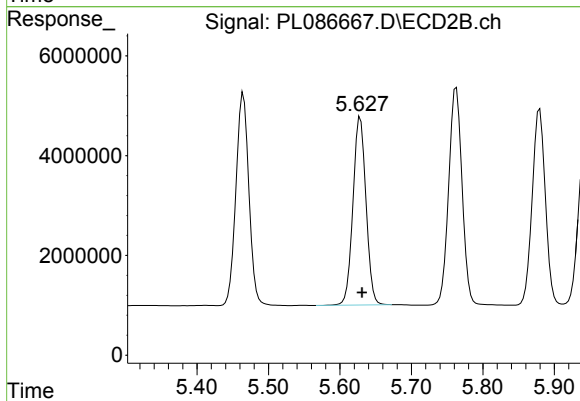
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 56902191
Conc: 51.84 ng/ml



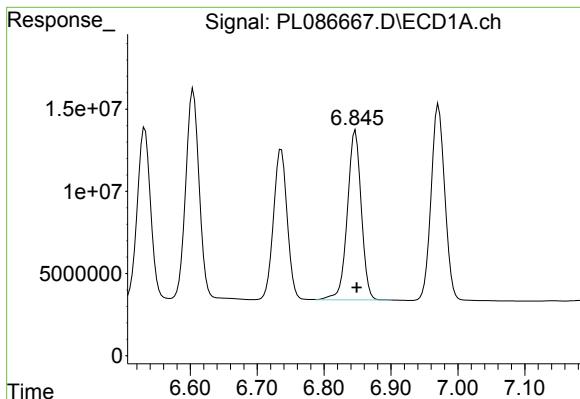
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 145817948
Conc: 54.76 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 47829416
Conc: 56.14 ng/ml



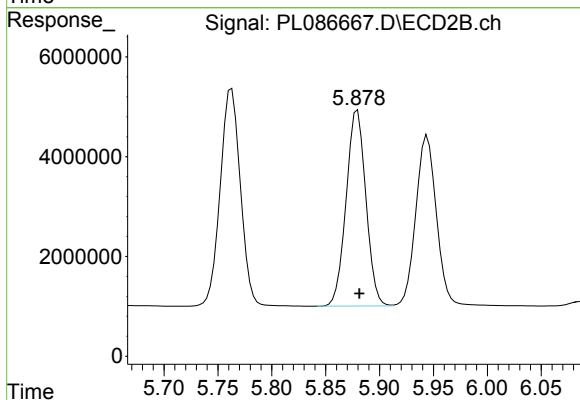
#17 4,4'-DDT

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 150002789
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

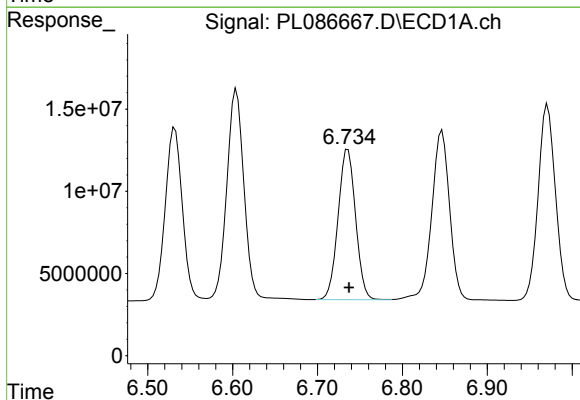
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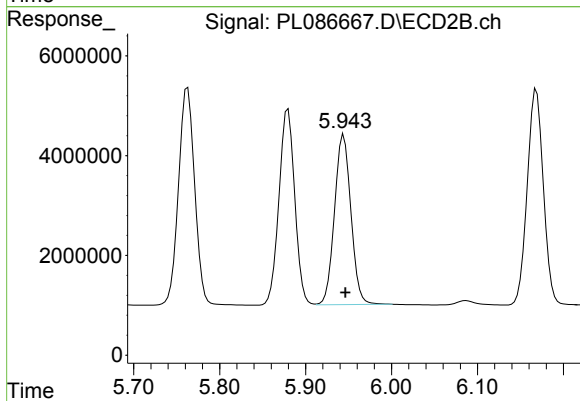
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 50137522
Conc: 51.29 ng/ml



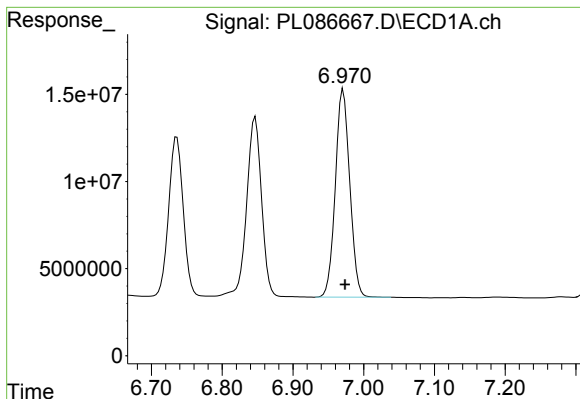
#18 Endrin aldehyde

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 130931777
Conc: 49.39 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 45118963
Conc: 48.17 ng/ml



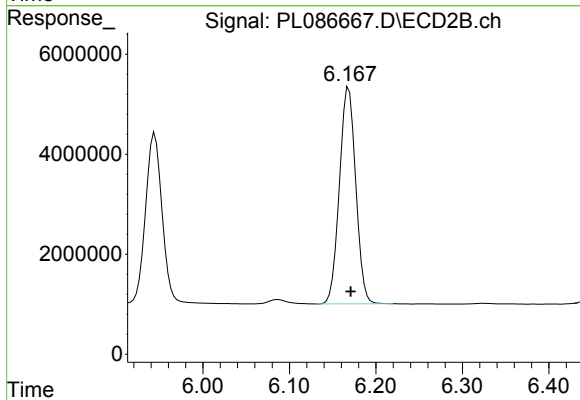
#19 Endosulfan Sulfate

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 169089941
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

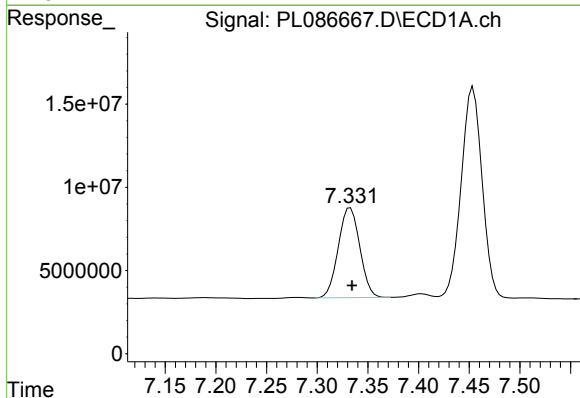
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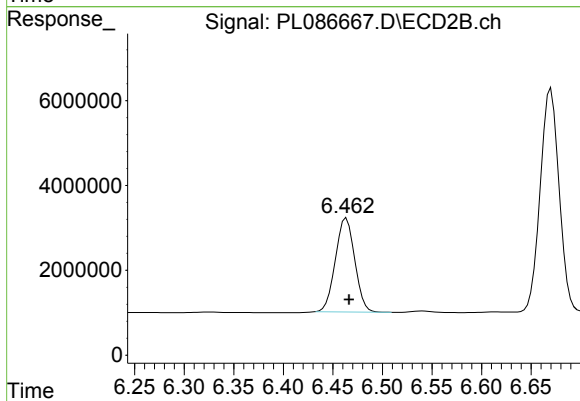
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 56555859
Conc: 52.07 ng/ml



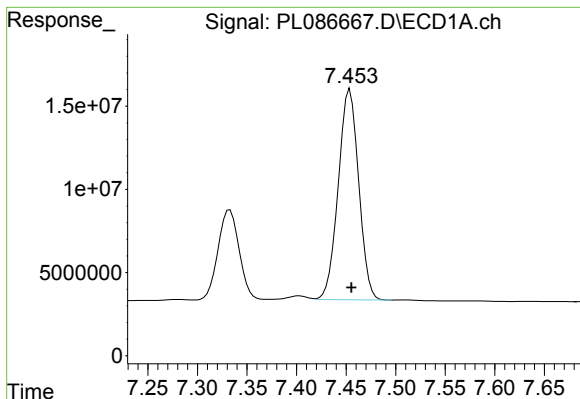
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 79728843
Conc: 49.96 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 30045070
Conc: 50.23 ng/ml



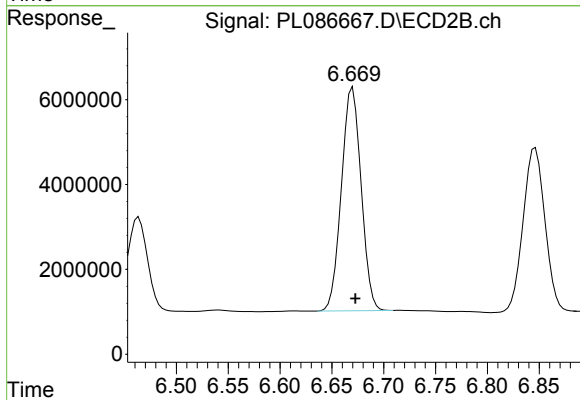
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.001 min
Response: 181439320
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

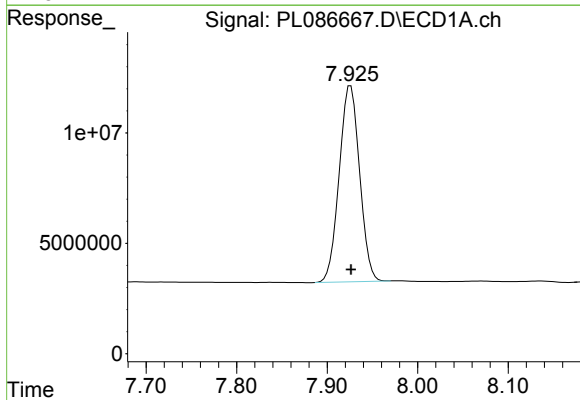
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/16/2023
Supervised By :Ankita Jodhani 11/16/2023



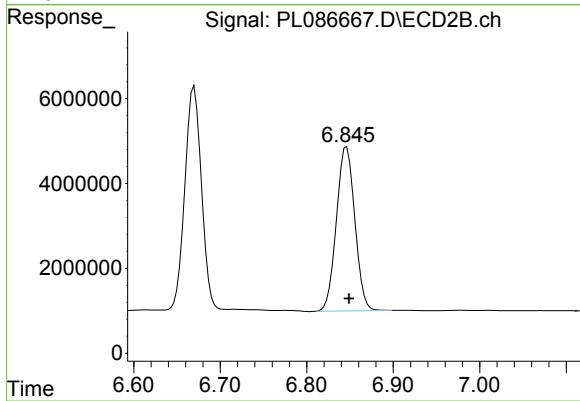
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 69615811
Conc: 54.33 ng/ml



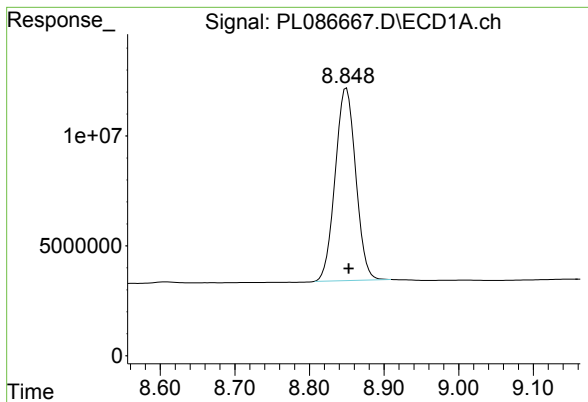
#22 Mirex

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 139319289
Conc: 49.33 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 56984865
Conc: 50.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.003 min
Response: 167549531
Conc: 57.24 ng/ml

Instrument :

ECD_L

ClientSampleId :

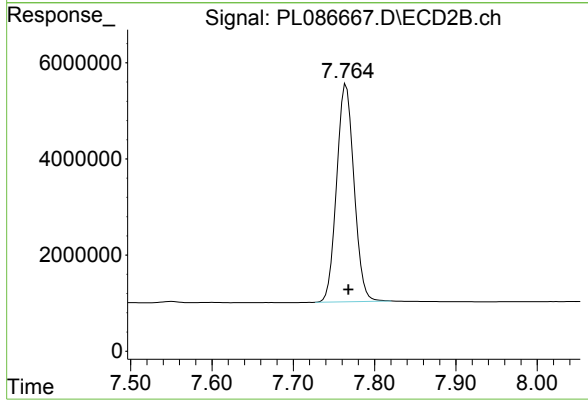
PSTDCCC050

Manual Integrations

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Supervised By :Ankita Jodhani 11/16/2023



#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 67219610
Conc: 55.66 ng/ml