

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112123\
 Data File : PL086784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 14:12
 Operator : AR\AJ
 Sample : 05492-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-13MS

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 11/22/2023

Supervised By :Ankita
 Jodhani
 11/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 20:20:13 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	2.617	53357303	16604853	16.433	16.864
28)	SA Decachlor...	8.848	7.764	44967047	20813344	15.362	17.235
Target Compounds							
2)	A alpha-BHC	3.805	3.115	216.9E6	64630081	45.093	48.486
3)	MA gamma-BHC...	4.136	3.442	208.1E6	65072449	44.239	49.033
4)	MA Heptachlor	4.723	3.777	210.0E6	66522133	46.029	49.694
5)	MB Aldrin	5.062	4.053	199.0E6	61582619	43.958	47.324
6)	B beta-BHC	4.341	3.744	90749647	28298933	44.868	47.478
7)	B delta-BHC	4.583	3.969	202.4E6	62153537	44.082	47.508
8)	B Heptachlo...	5.492	4.558	166.3E6	57749371	42.774	48.084
9)	A Endosulfan I	5.875	4.926	186.7E6	55079667	49.759	47.902
10)	B gamma-Chl...	5.750	4.809	201.1E6	60750508	49.090	49.239
11)	B alpha-Chl...	5.829	4.873	195.7E6	59663724	48.195	47.713
12)	B 4,4'-DDE	6.014	5.072	191.1E6	71111153	55.094	69.274 #
13)	MA Dieldrin	6.153	5.190	166.2E6	62041779	42.268	51.997m
14)	MA Endrin	6.381	5.464	141.2E6	57057671	40.998	52.092 #
15)	B Endosulfa...	6.604	5.762	115.1E6	49753480	32.386	45.331 #
16)	A 4,4'-DDD	6.532	5.628	123.5E6	44129754	46.370	51.797
17)	MA 4,4'-DDT	6.846	5.879	191.9E6	69945953	64.728	71.551
18)	B Endrin al...	6.735	5.944	105.3E6	40643343	39.738	43.388
19)	B Endosulfa...	6.972	6.168	137.2E6	51676841	40.874	47.577
20)	A Methoxychlor	7.332	6.464	81959053	34017629	51.357	56.870
21)	B Endrin ke...	7.453	6.670	146.5E6	57149773	42.987	44.603
22)	Mirex	7.925	6.846	110.3E6	46428464	39.057	40.844

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112123\
Data File : PL086784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2023 14:12
Operator : AR\AJ
Sample : 05492-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

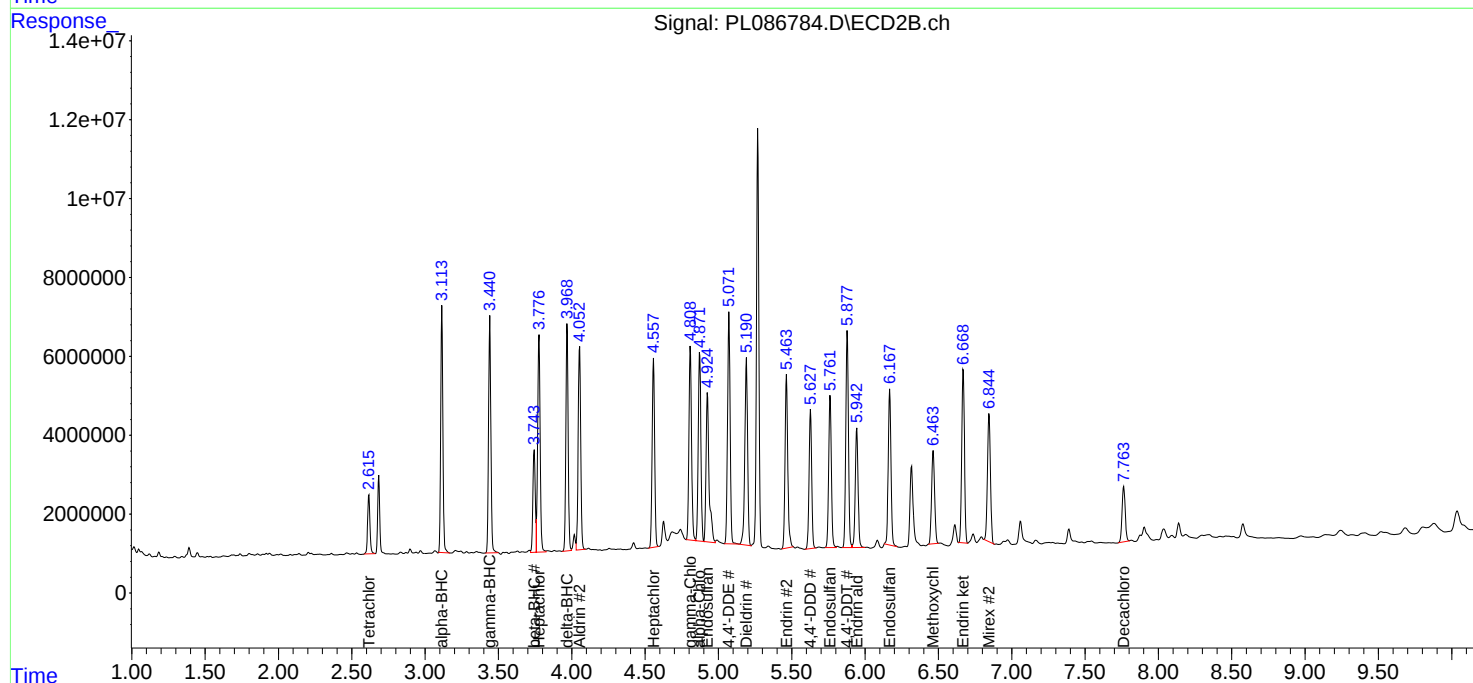
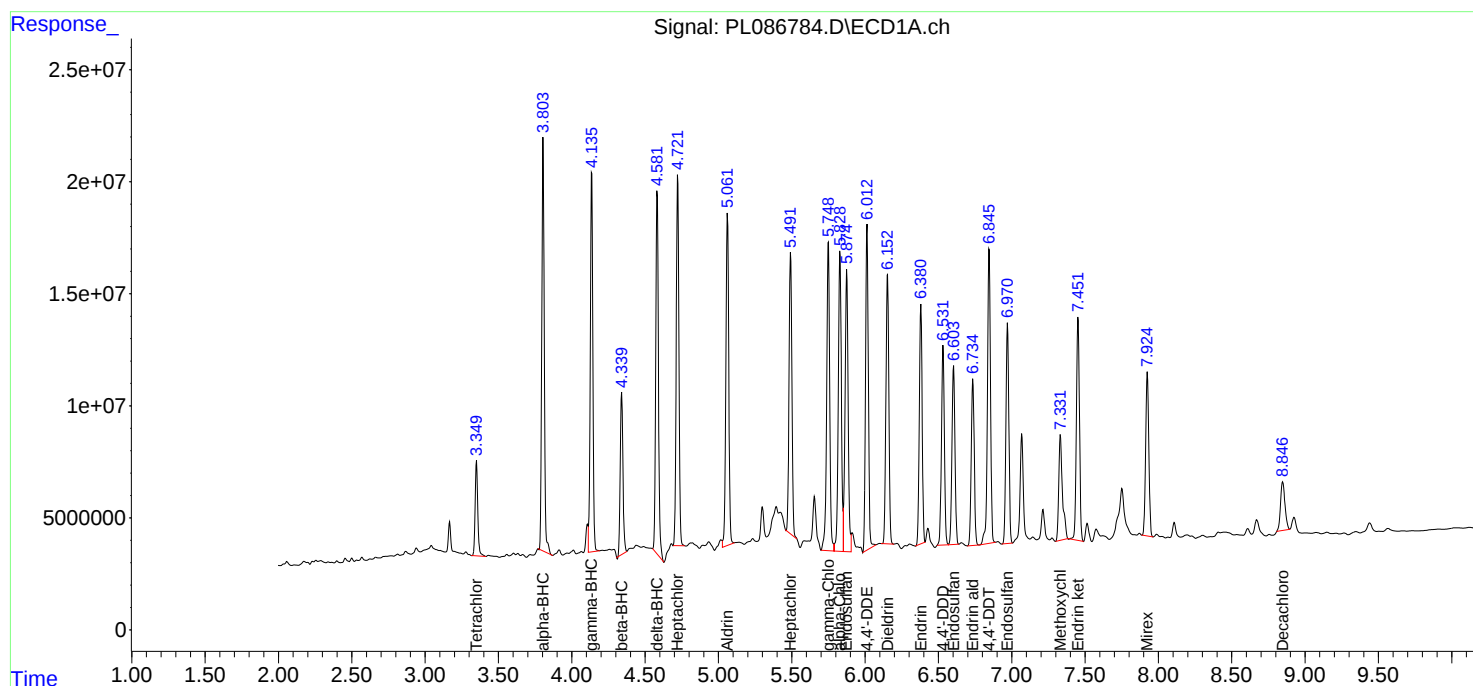
Instrument :
ECD_L
ClientSampleId :
TP-13MS

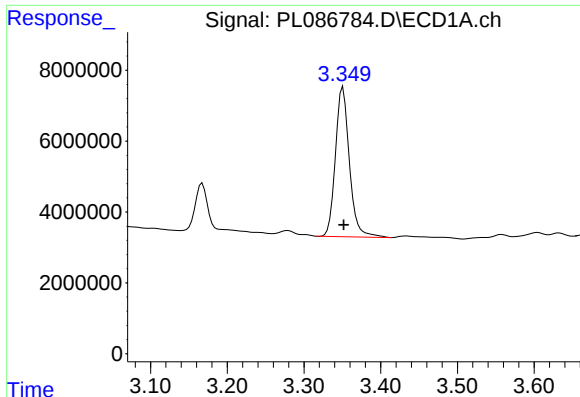
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
11/22/2023
Supervised By :Ankita
Jodhani
11/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 20:20:13 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





#1 Tetrachloro-m-xylene

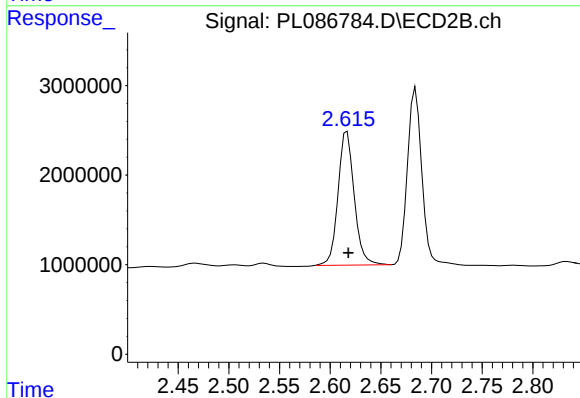
R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 53357303
Conc: 16.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
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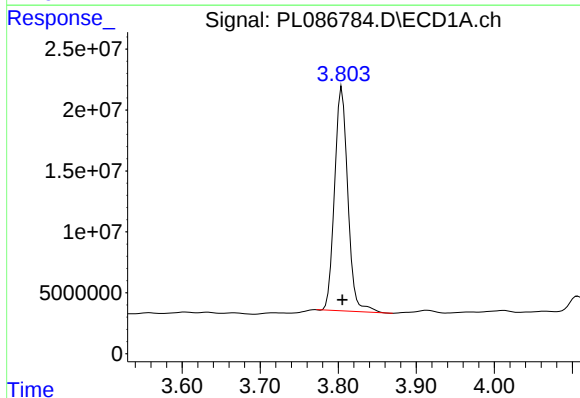
Reviewed By :Yogesh
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11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



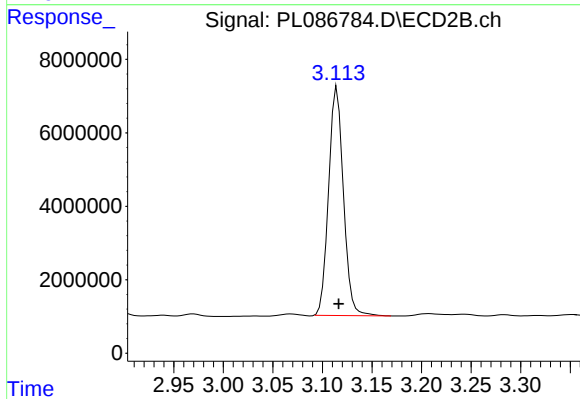
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 16604853
Conc: 16.86 ng/ml



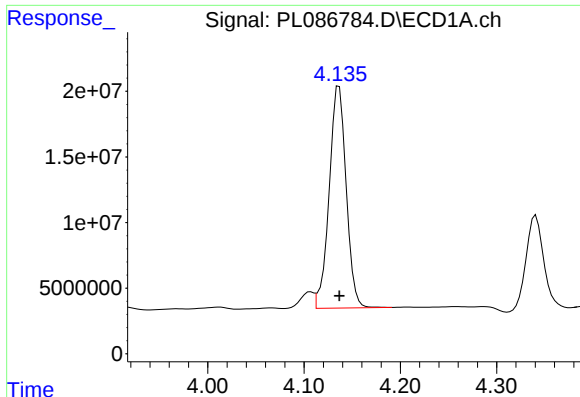
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 216917371
Conc: 45.09 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 64630081
Conc: 48.49 ng/ml



#3 gamma-BHC (Lindane)

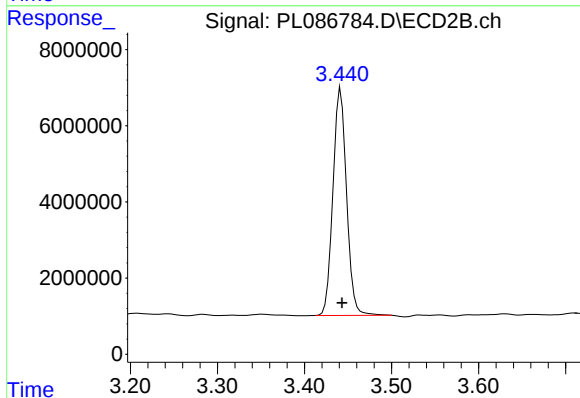
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 208128739
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
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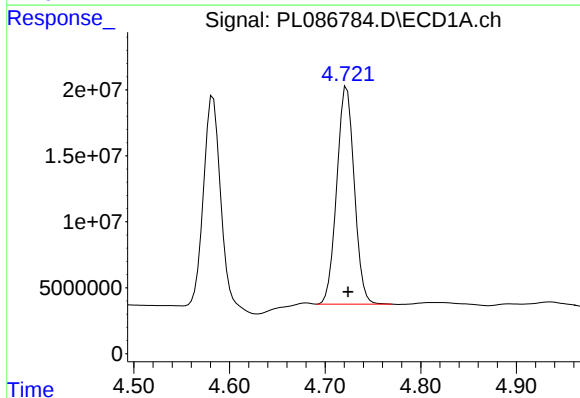
Reviewed By :Yogesh
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Jodhani
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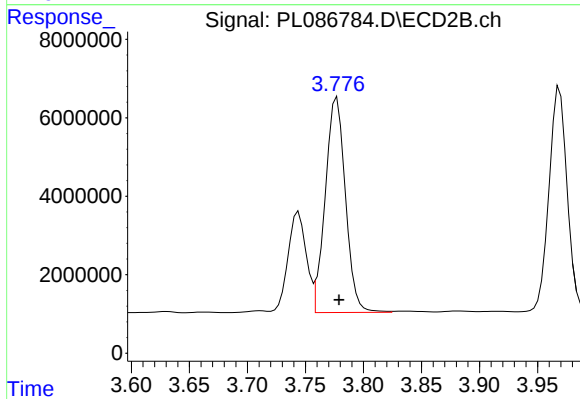
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 65072449
Conc: 49.03 ng/ml



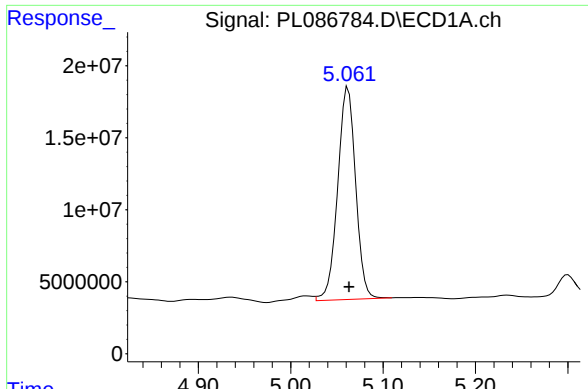
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 209982416
Conc: 46.03 ng/ml



#4 Heptachlor

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 66522133
Conc: 49.69 ng/ml



#5 Aldrin

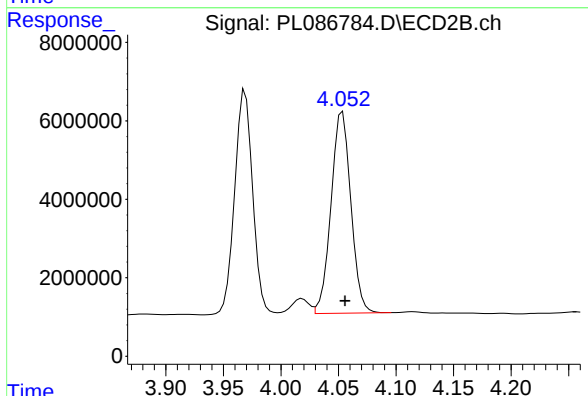
R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 199014157
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

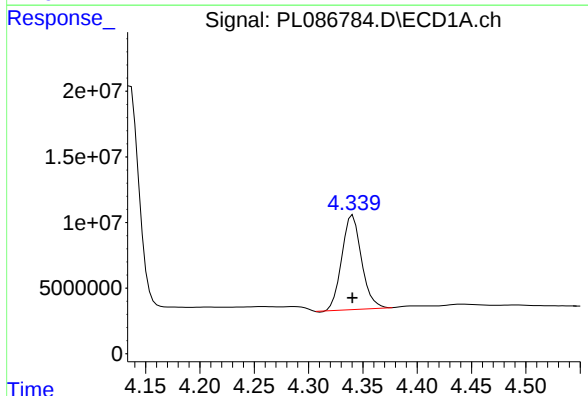
Reviewed By :Yogesh
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Supervised By :Ankita
Jodhani
11/22/2023



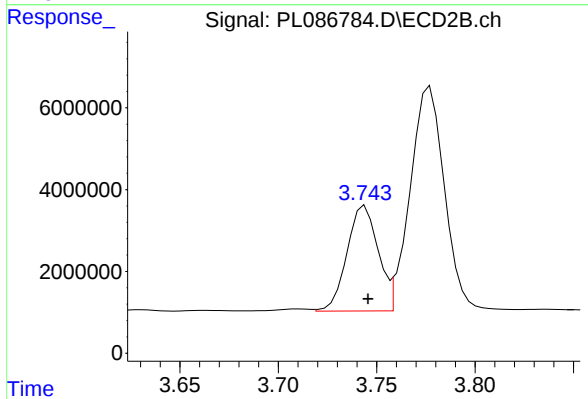
#5 Aldrin

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 61582619
Conc: 47.32 ng/ml



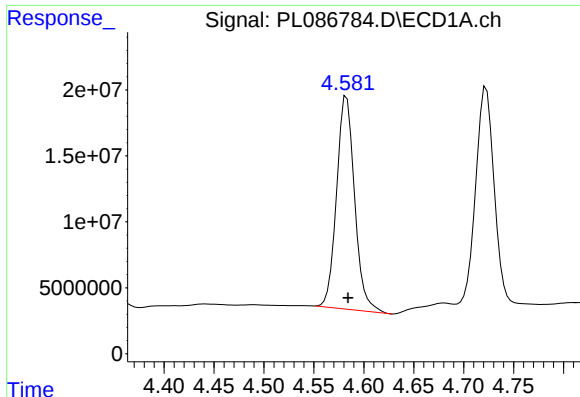
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 90749647
Conc: 44.87 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 28298933
Conc: 47.48 ng/ml



#7 delta-BHC

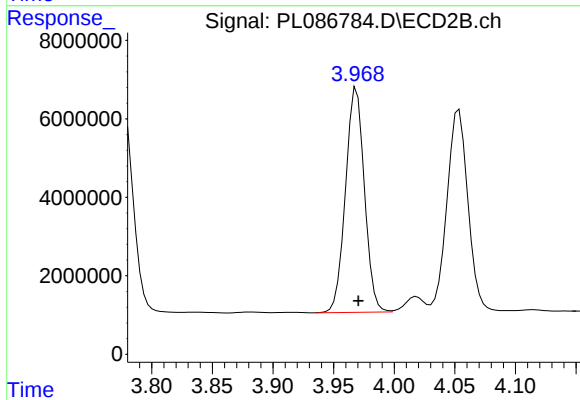
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 202394223
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
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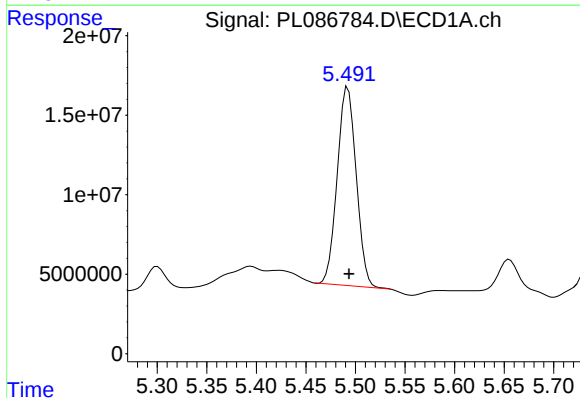
Reviewed By :Yogesh
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Supervised By :Ankita
Jodhani
11/22/2023



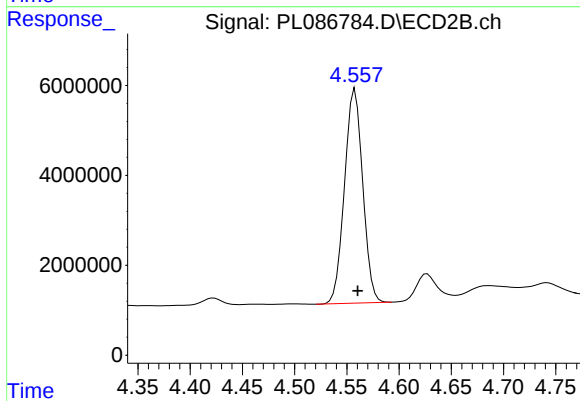
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 62153537
Conc: 47.51 ng/ml



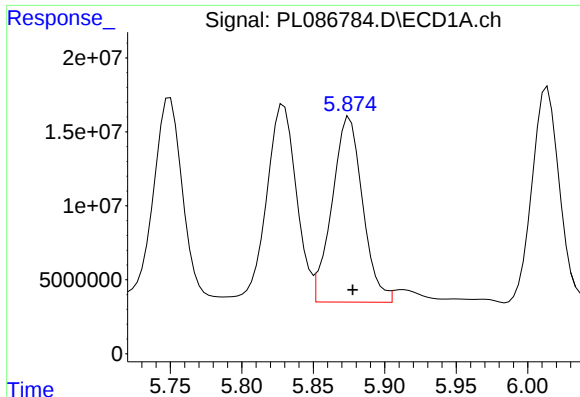
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 166278554
Conc: 42.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 57749371
Conc: 48.08 ng/ml



#9 Endosulfan I

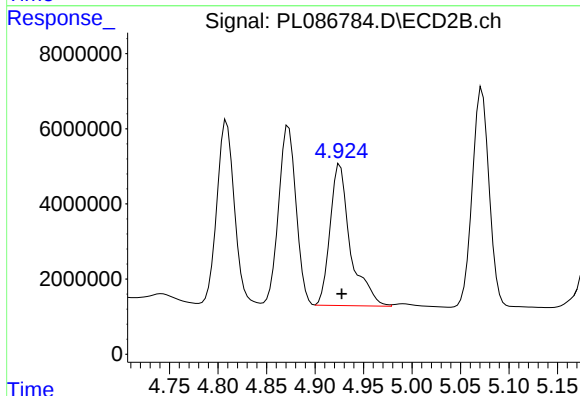
R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 186674728
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

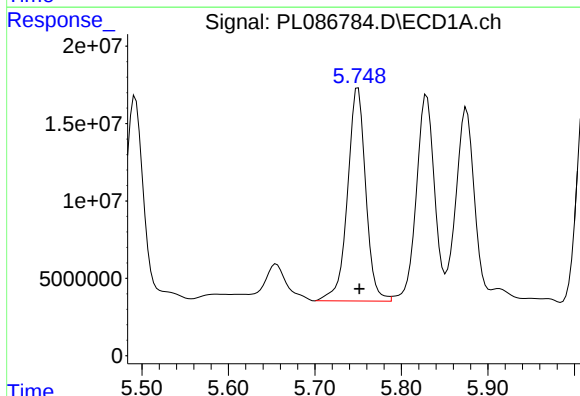
Reviewed By :Yogesh
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Supervised By :Ankita
Jodhani
11/22/2023



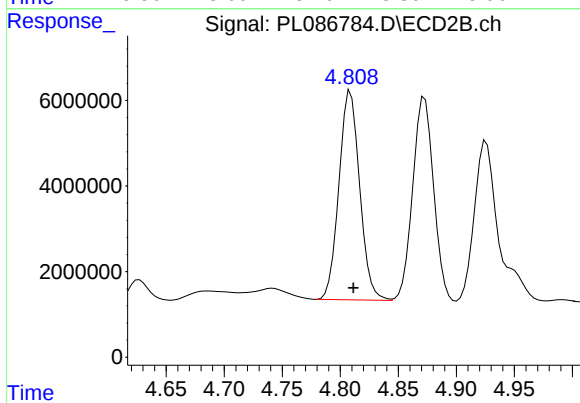
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 55079667
Conc: 47.90 ng/ml



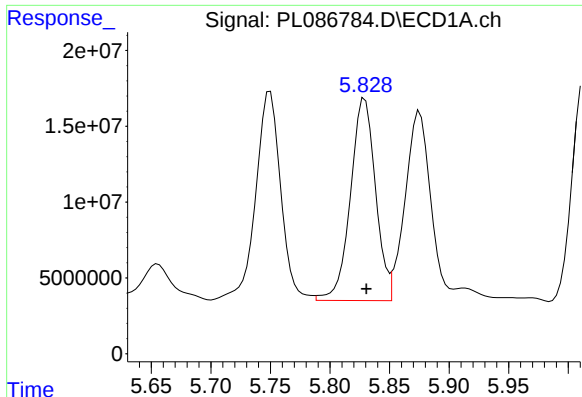
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 201132808
Conc: 49.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 60750508
Conc: 49.24 ng/ml



#11 alpha-Chlordane

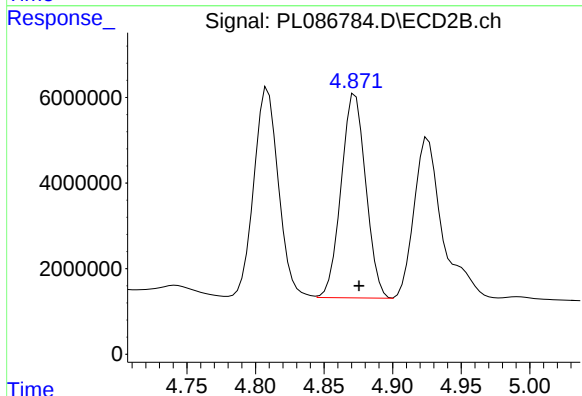
R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 195669688
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

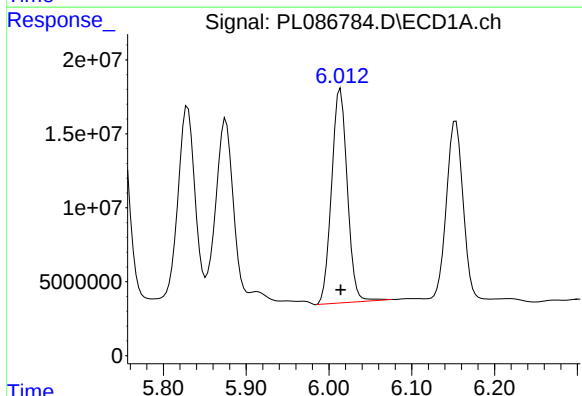
Reviewed By :Yogesh
Patel
11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



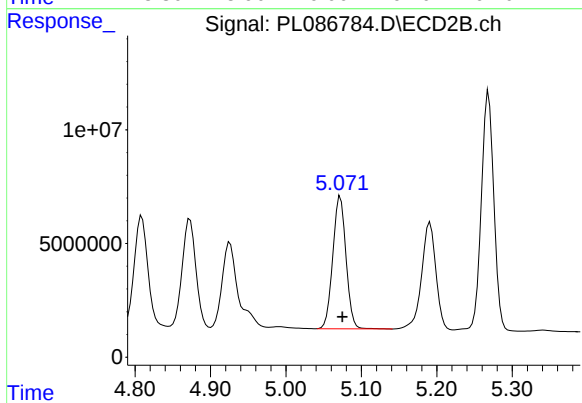
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 59663724
Conc: 47.71 ng/ml



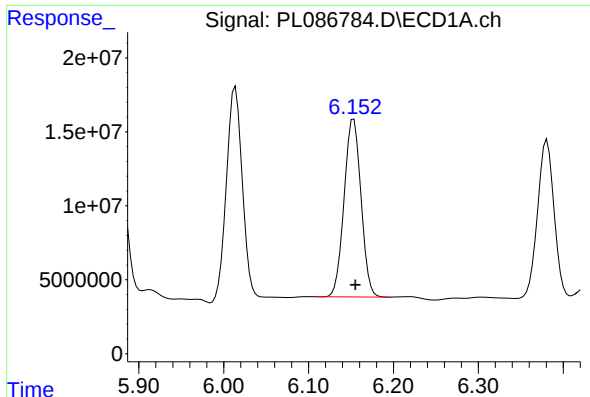
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 191083152
Conc: 55.09 ng/ml



#12 4,4'-DDE

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 71111153
Conc: 69.27 ng/ml



#13 Dieldrin

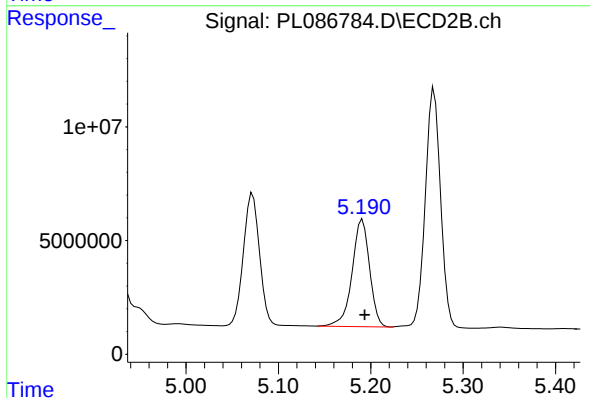
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 166197820
Conc: 42.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

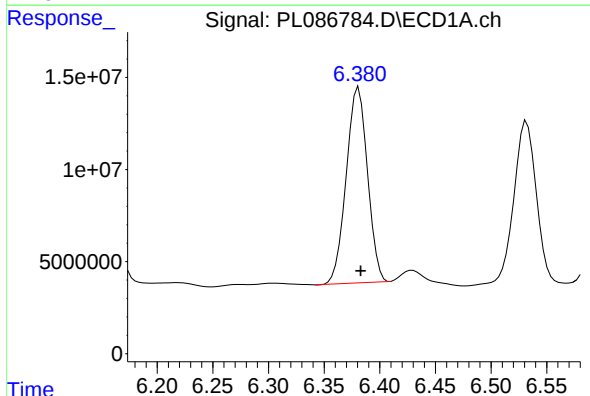
Reviewed By :Yogesh
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Supervised By :Ankita
Jodhani
11/22/2023



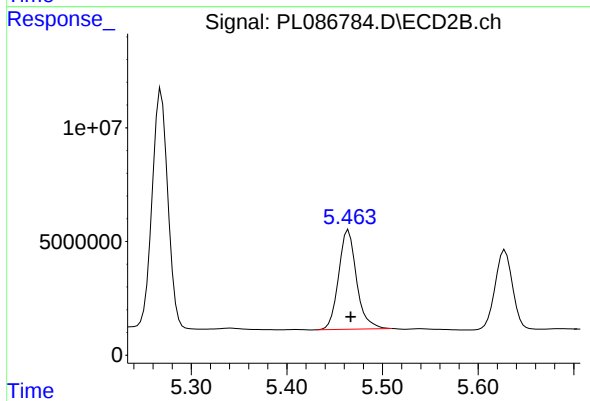
#13 Dieldrin

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 62041779
Conc: 52.00 ng/ml m



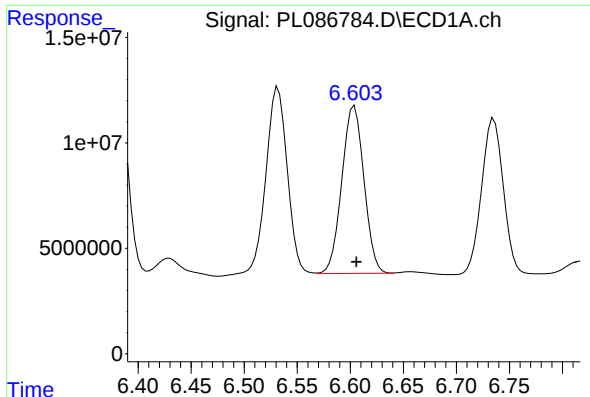
#14 Endrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 141211840
Conc: 41.00 ng/ml



#14 Endrin

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 57057671
Conc: 52.09 ng/ml



#15 Endosulfan II

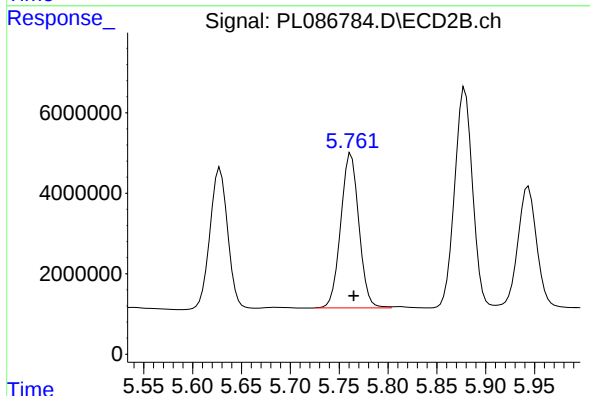
R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 115114135
Conc: 32.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

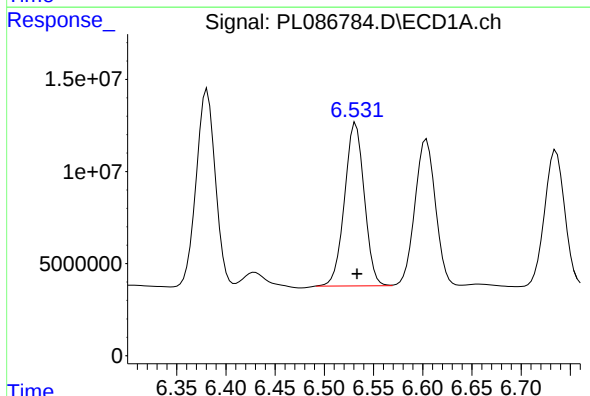
Reviewed By :Yogesh
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Supervised By :Ankita
Jodhani
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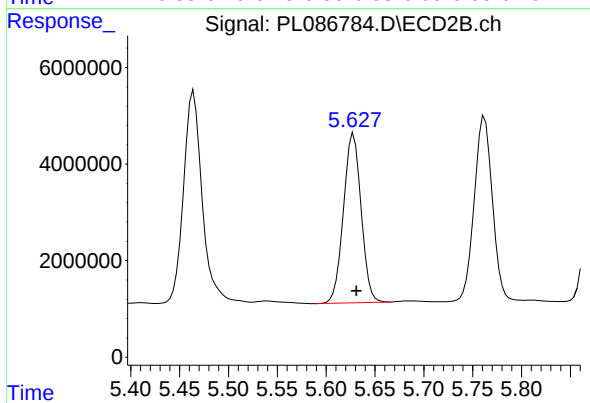
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 49753480
Conc: 45.33 ng/ml



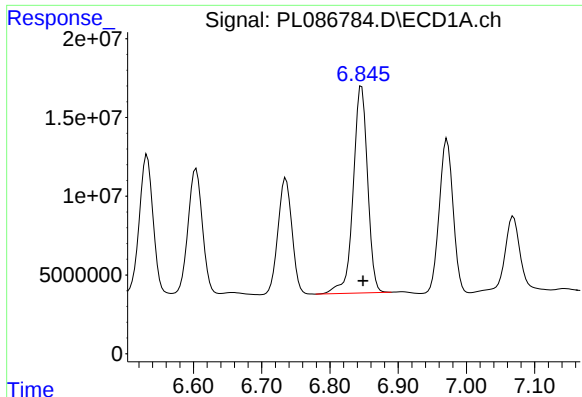
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 123472770
Conc: 46.37 ng/ml



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: -0.003 min
Response: 44129754
Conc: 51.80 ng/ml



#17 4,4'-DDT

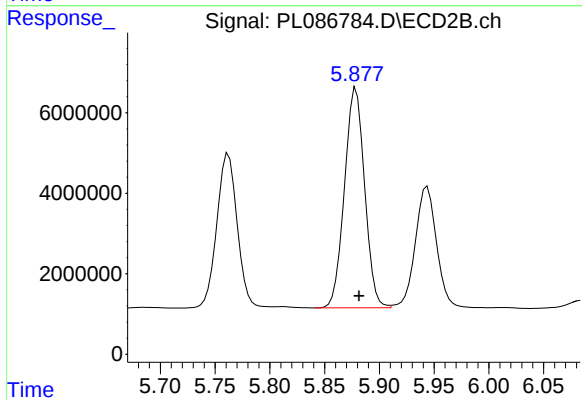
R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 191873067
Conc: 64.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

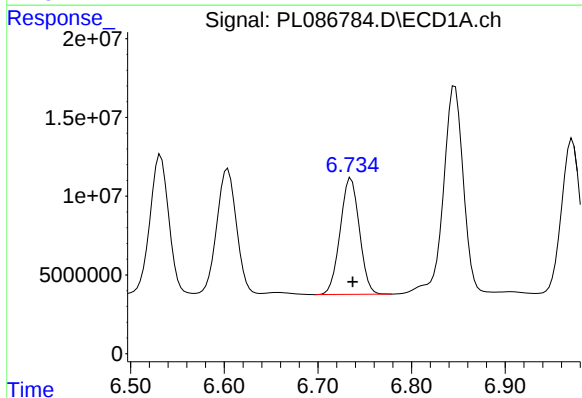
Reviewed By :Yogesh
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11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



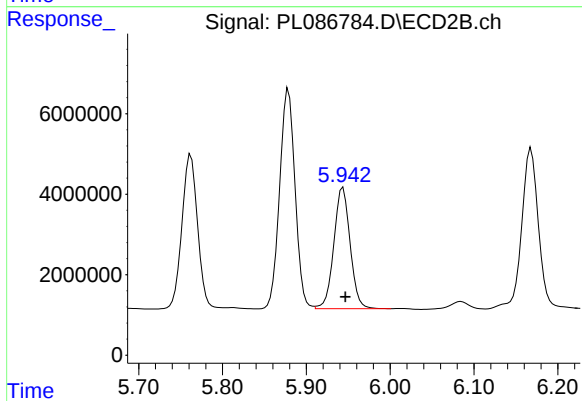
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 69945953
Conc: 71.55 ng/ml



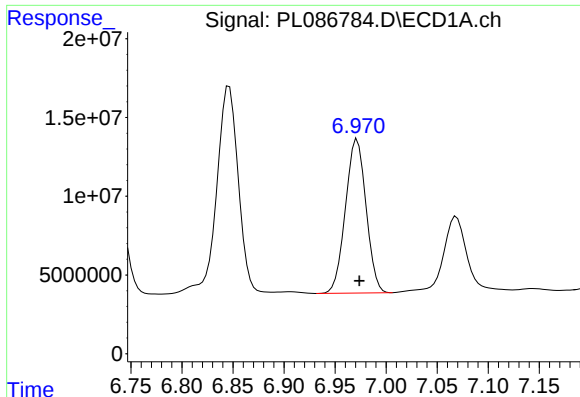
#18 Endrin aldehyde

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 105349957
Conc: 39.74 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.003 min
Response: 40643343
Conc: 43.39 ng/ml



#19 Endosulfan Sulfate

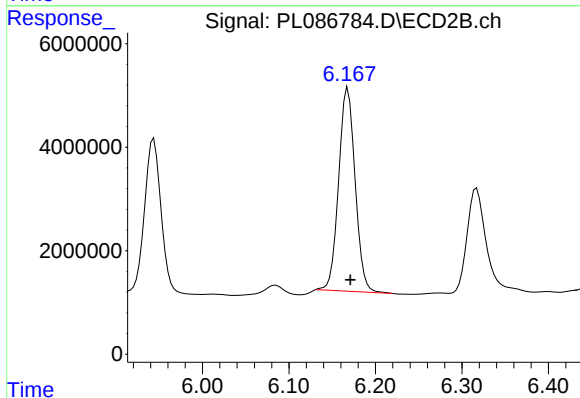
R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 137186889
Conc: 40.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

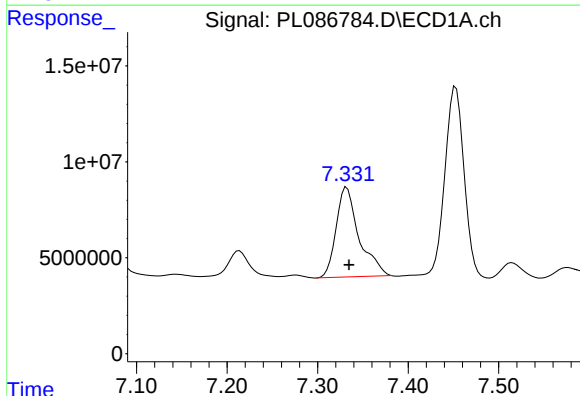
Reviewed By :Yogesh
Patel
11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



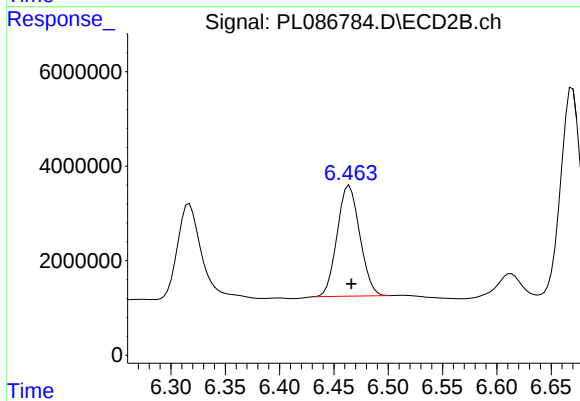
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 51676841
Conc: 47.58 ng/ml



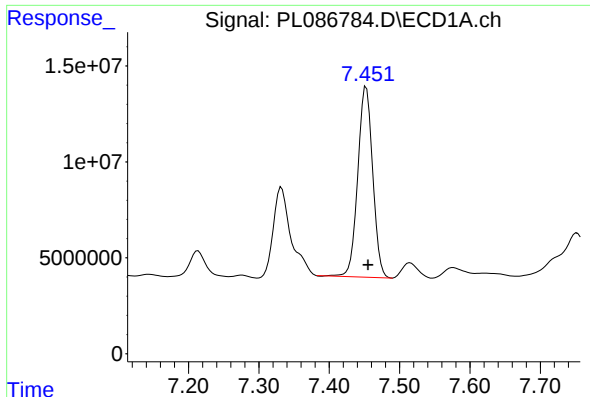
#20 Methoxychlor

R.T.: 7.332 min
Delta R.T.: -0.002 min
Response: 81959053
Conc: 51.36 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 34017629
Conc: 56.87 ng/ml



#21 Endrin ketone

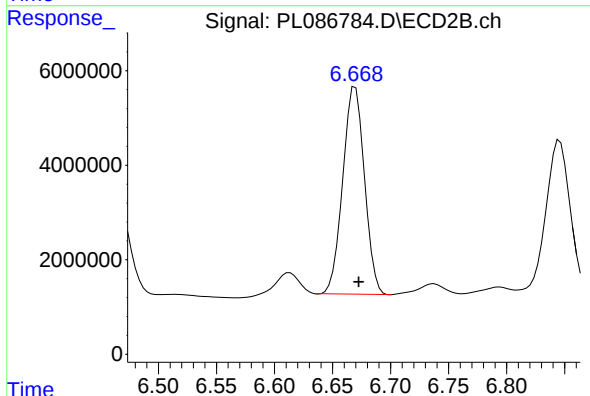
R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 146501338
Conc: 42.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

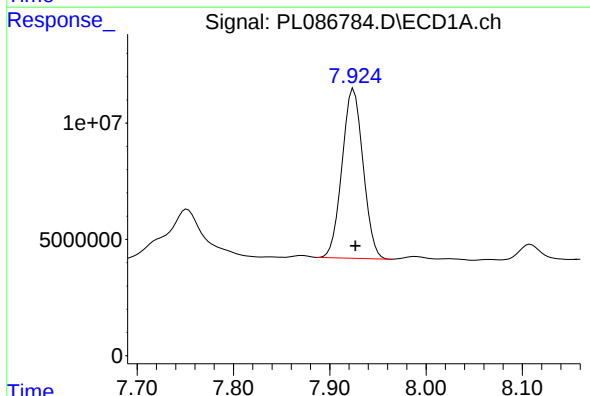
Reviewed By :Yogesh
Patel
11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



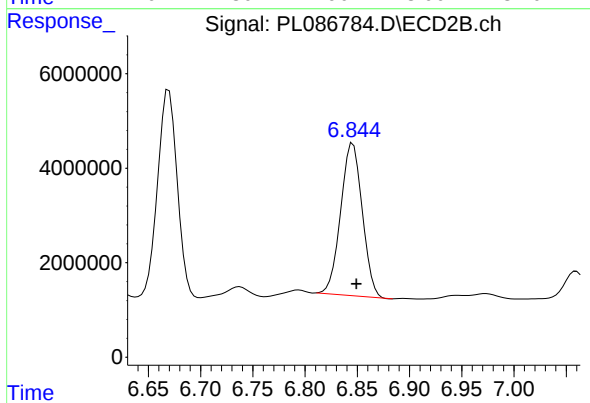
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 57149773
Conc: 44.60 ng/ml



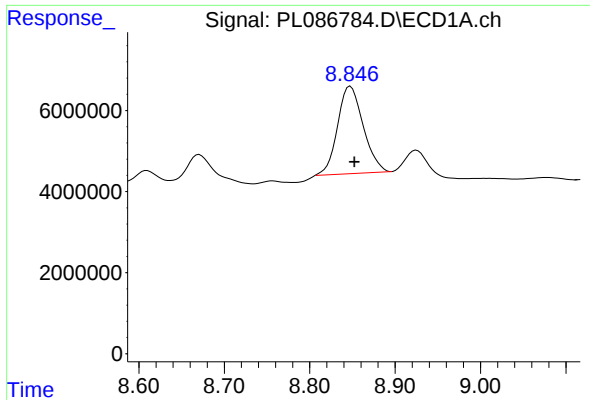
#22 Mirex

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 110302387
Conc: 39.06 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 46428464
Conc: 40.84 ng/ml



#28 Decachlorobiphenyl

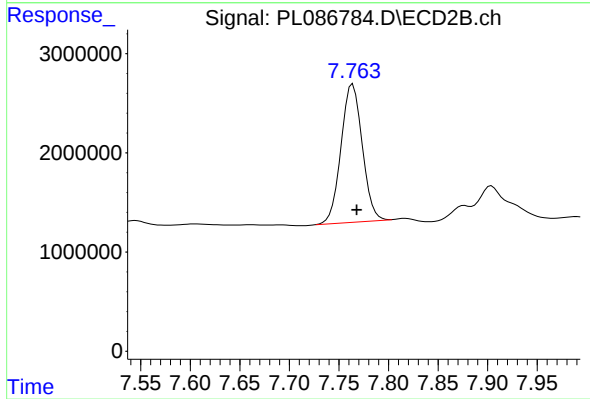
R.T.: 8.848 min
Delta R.T.: -0.005 min
Response: 44967047
Conc: 15.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
11/22/2023

Supervised By :Ankita
Jodhani
11/22/2023



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 20813344
Conc: 17.24 ng/ml