

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
 Data File : PL088733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2024 10:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations APPROVED

Reviewed By : Abdul
 Mirza
 03/25/2024

Supervised By : Ankita
 Jodhani
 03/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:46:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.634	2.853	125.6E6	67322324	47.379	50.514
2)	SA Decachlor...	9.297	8.078	99218551	60825306	40.138	44.859
Target Compounds							
2)	A alpha-BHC	4.099	3.366	190.5E6	103.7E6	47.730	51.628
3)	MA gamma-BHC...	4.437	3.703	182.9E6	100.4E6	47.148	52.333
4)	MA Heptachlor	5.036	4.051	173.3E6	95441109	45.632	53.031
5)	MB Aldrin	5.383	4.336	167.4E6	95210762	45.679	52.688
6)	B beta-BHC	4.634	4.004	79967973	42981598	45.092	50.139
7)	B delta-BHC	4.886	4.239	163.1E6	99143917	40.491	51.825 #
8)	B Heptachlo...	5.814	4.846	152.9E6	85049938	44.500	51.718
9)	A Endosulfan I	6.205	5.222	138.9E6	77214285	45.430	51.365
10)	B gamma-Chl...	6.073	5.100	155.5E6	85169631	46.681	51.421
11)	B alpha-Chl...	6.154	5.165	153.4E6	84952691	46.138	51.178
12)	B 4,4'-DDE	6.328	5.358	132.3E6	76332982	44.277	52.334
13)	MA Dieldrin	6.483	5.491	142.6E6	82792460	43.989	50.976
14)	MA Endrin	6.716	5.769	121.2E6	74721236	44.320	51.838
15)	B Endosulfa...	6.937	6.067	121.9E6	70761494	42.544	49.212
16)	A 4,4'-DDD	6.851	5.920	106.2E6	63245222	41.698	50.784
17)	MA 4,4'-DDT	7.169	6.174	113.2E6	67709690	42.485	50.447
18)	B Endrin al...	7.066	6.249	89884315	51846650	43.051m	49.474
19)	B Endosulfa...	7.304	6.474	117.5E6	68198614	42.564	49.154
20)	A Methoxychlor	7.649	6.757	64979076	38566201	43.132	48.083
21)	B Endrin ke...	7.796	6.986	138.9E6	78233485	46.981	47.394
22)	Mirex	8.277	7.172	100.2E6	62605788	42.741	46.429m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
Data File : PL088733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2024 10:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul

Mirza

03/25/2024

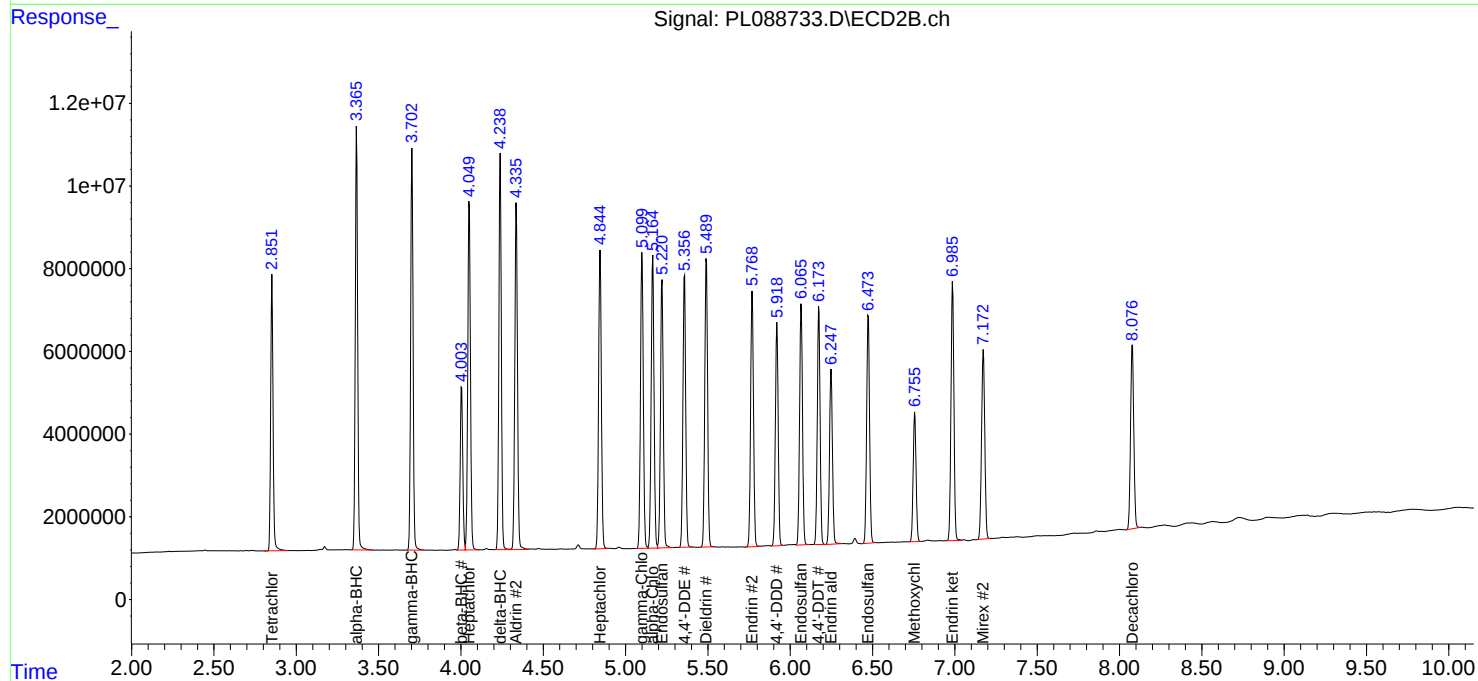
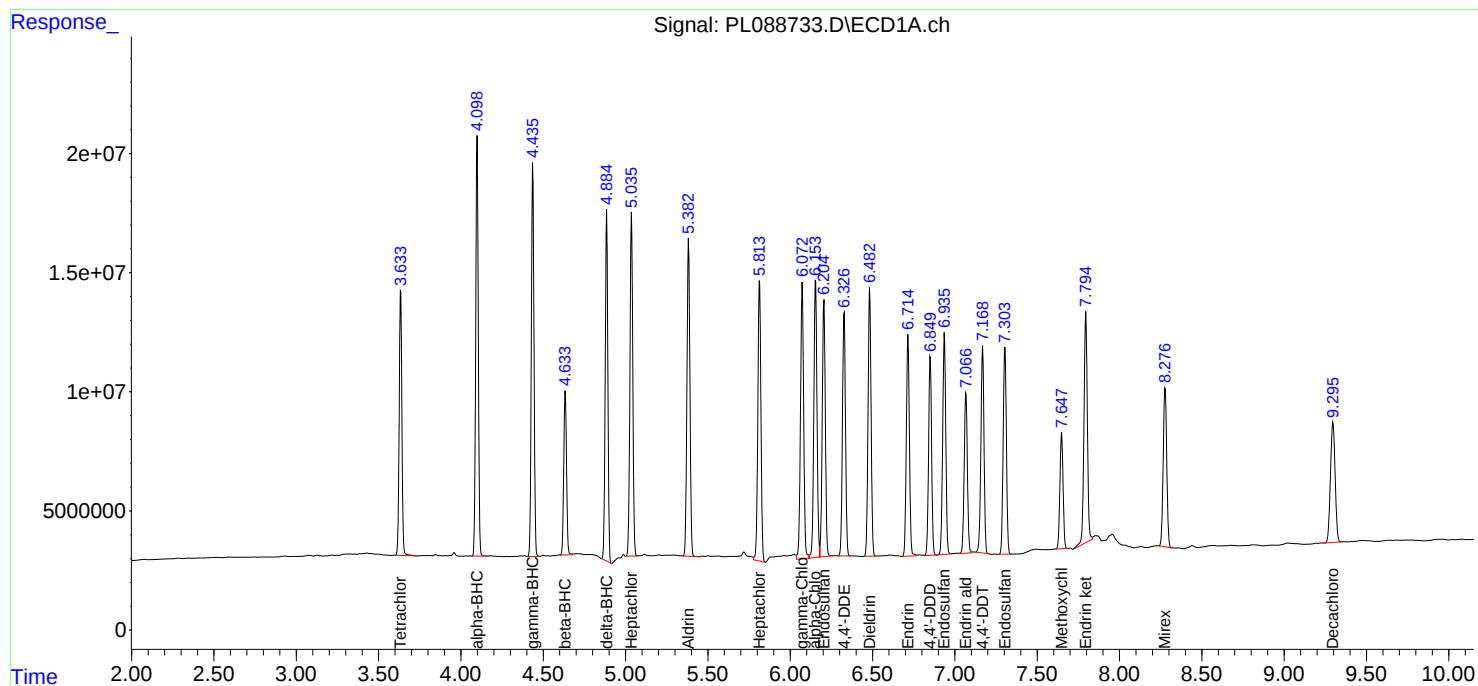
Supervised By :Ankita

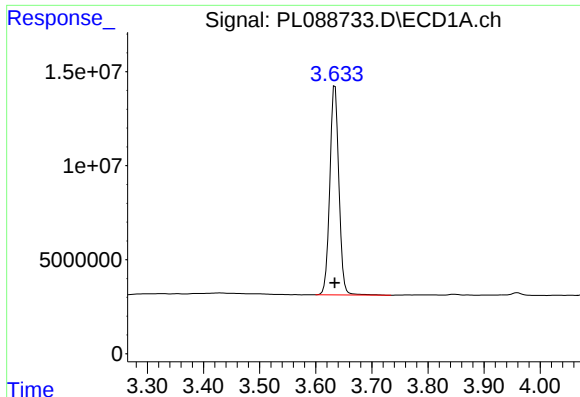
Jodhani

03/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 22:46:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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

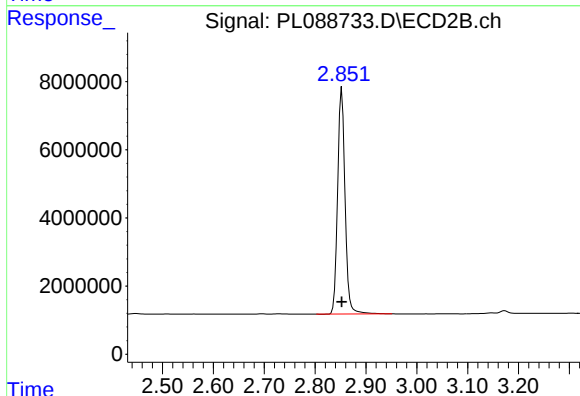
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 125553450
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

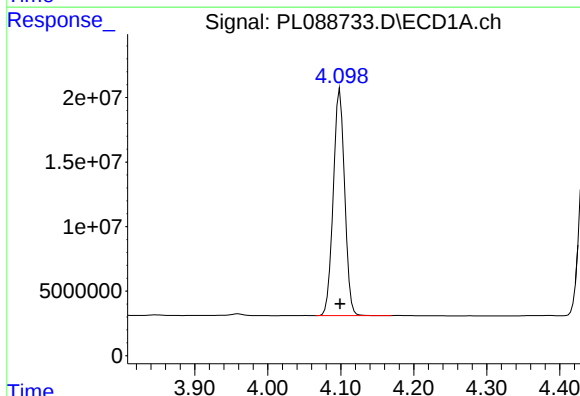
Reviewed By :Abdul
Mirza
03/25/2024

Supervised By :Ankita
Jodhani
03/25/2024



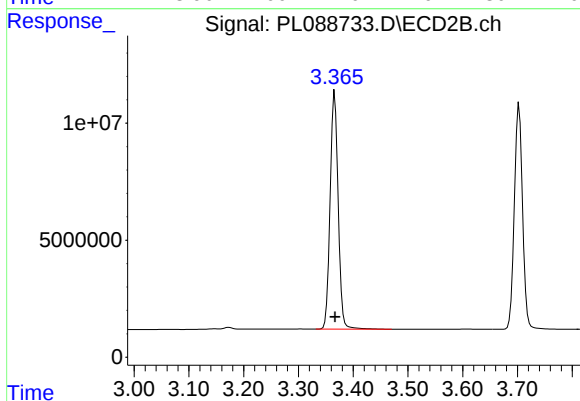
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 67322324
Conc: 50.51 ng/ml



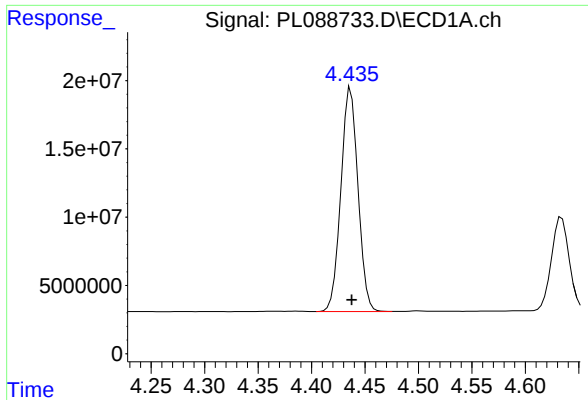
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 190522125
Conc: 47.73 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 103744748
Conc: 51.63 ng/ml



#3 gamma-BHC (Lindane)

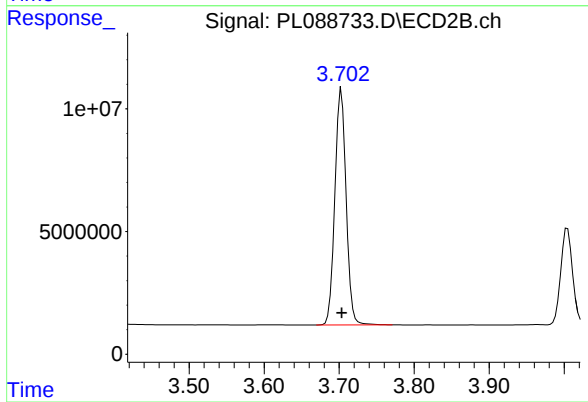
R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 182851123
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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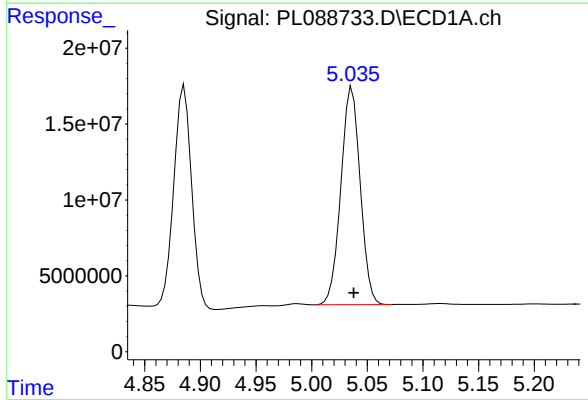
Reviewed By :Abdul
Mirza
03/25/2024

Supervised By :Ankita
Jodhani
03/25/2024



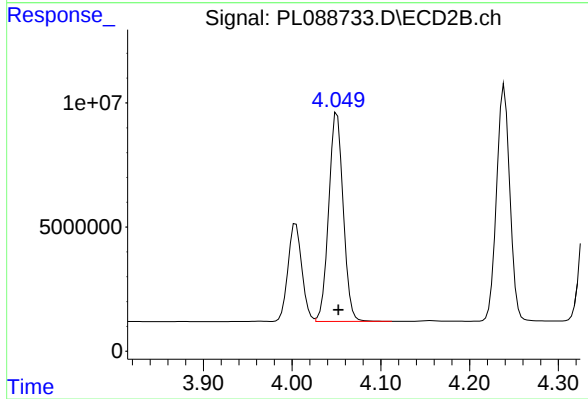
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 100432681
Conc: 52.33 ng/ml



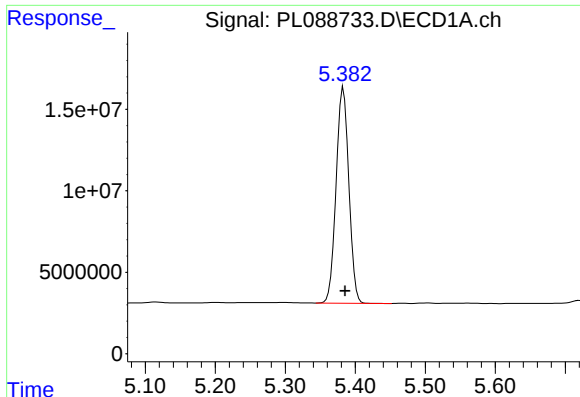
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 173282981
Conc: 45.63 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 95441109
Conc: 53.03 ng/ml



#5 Aldrin

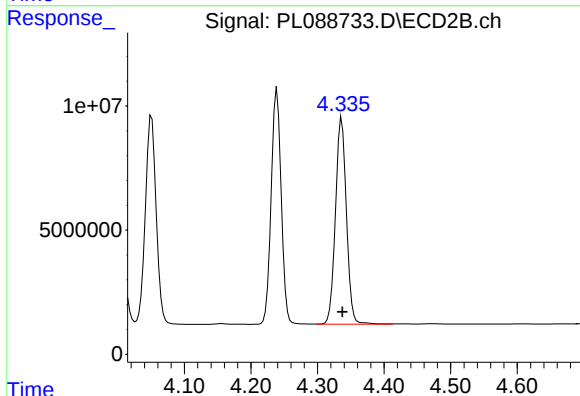
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 167389336
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

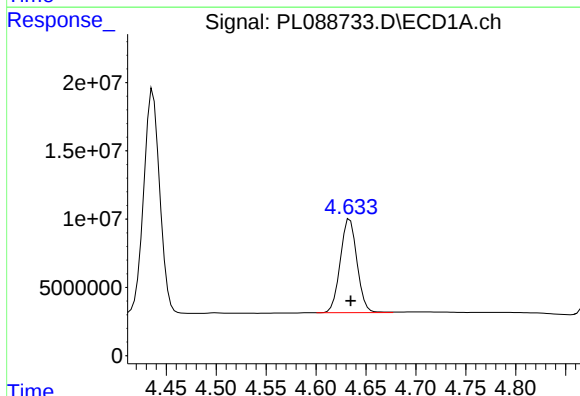
Reviewed By :Abdul
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Supervised By :Ankita
Jodhani
03/25/2024



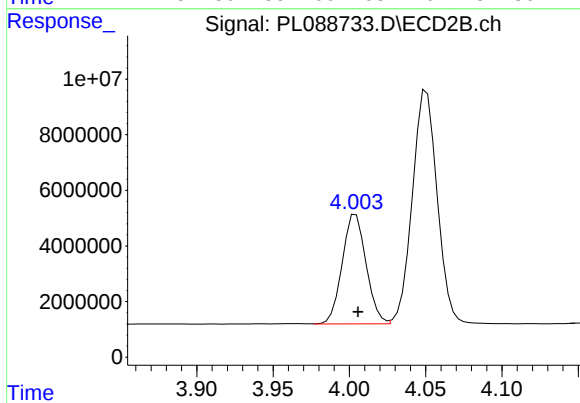
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 95210762
Conc: 52.69 ng/ml



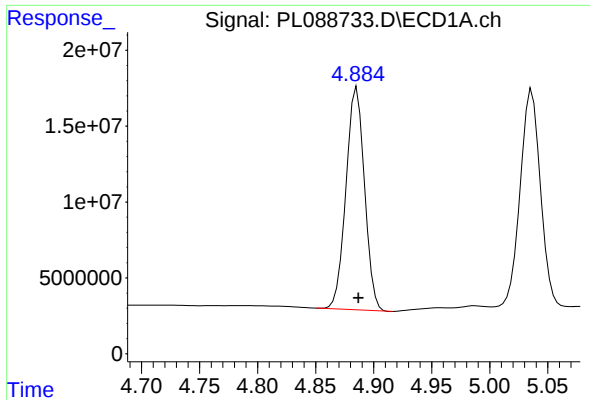
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 79967973
Conc: 45.09 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 42981598
Conc: 50.14 ng/ml



#7 delta-BHC

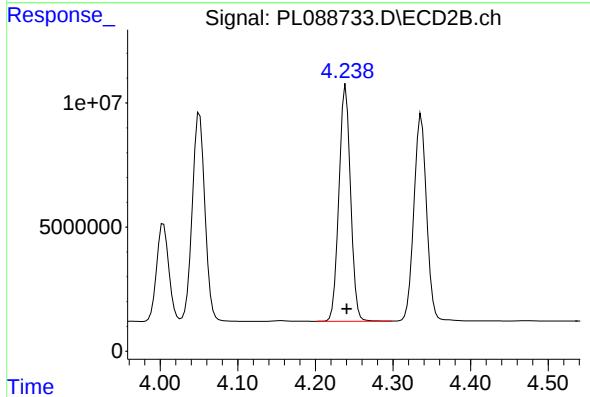
R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 163104875
Conc: 40.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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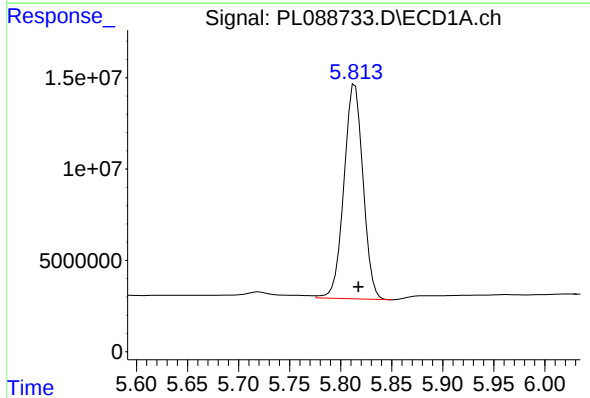
Reviewed By :Abdul
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Jodhani
03/25/2024



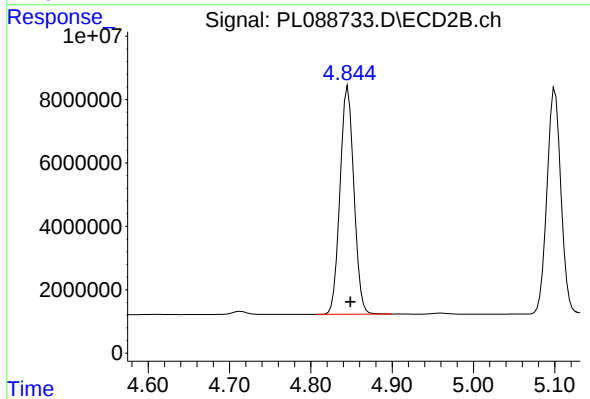
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 99143917
Conc: 51.82 ng/ml



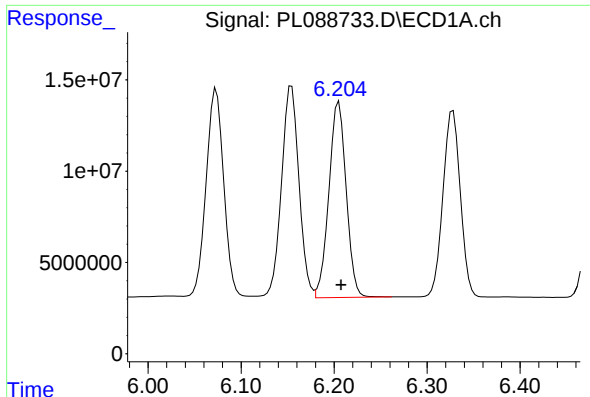
#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 152858157
Conc: 44.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 85049938
Conc: 51.72 ng/ml



#9 Endosulfan I

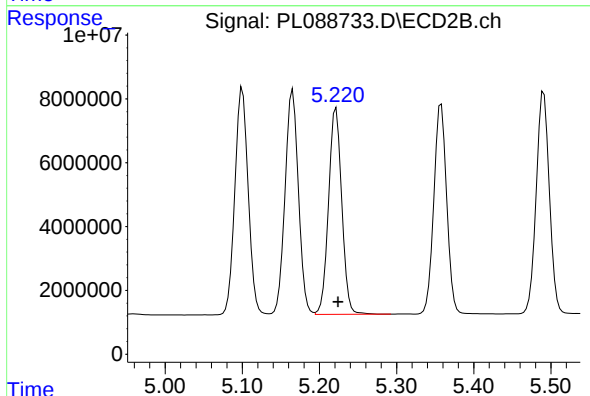
R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 138854649
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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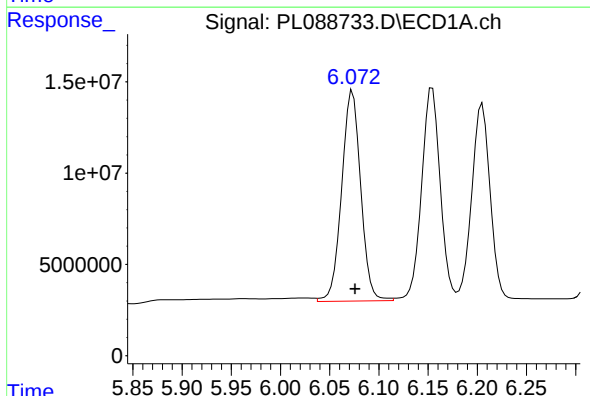
Reviewed By :Abdul
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Supervised By :Ankita
Jodhani
03/25/2024



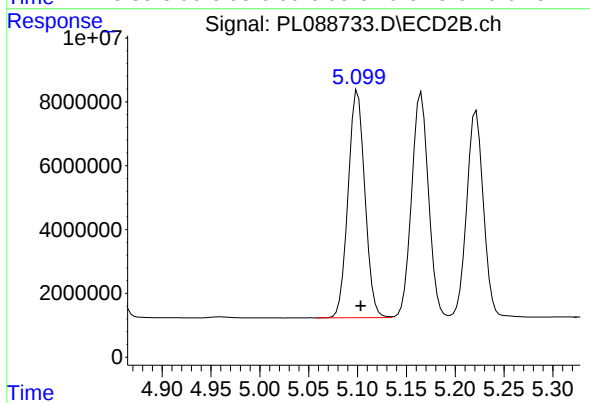
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 77214285
Conc: 51.36 ng/ml



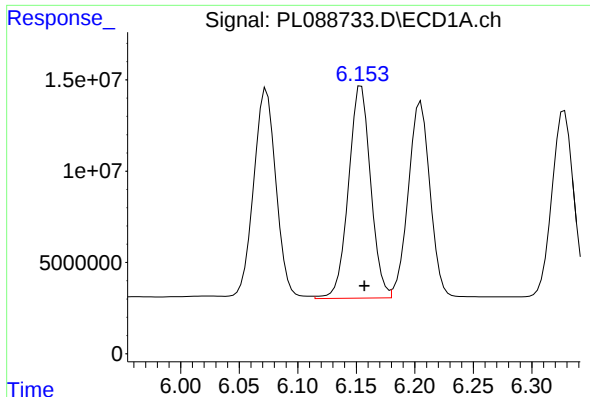
#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 155484913
Conc: 46.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 85169631
Conc: 51.42 ng/ml



#11 alpha-Chlordane

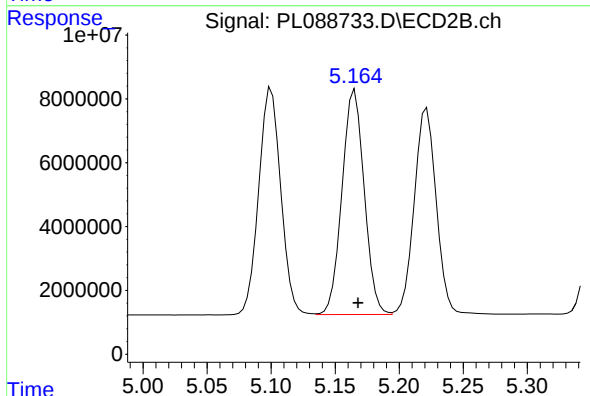
R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 153365348
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

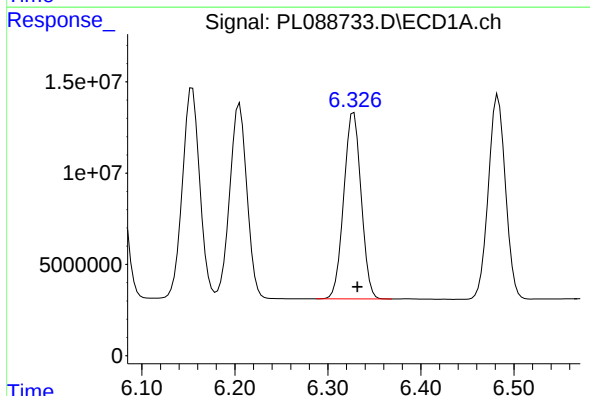
Reviewed By :Abdul
Mirza
03/25/2024

Supervised By :Ankita
Jodhani
03/25/2024



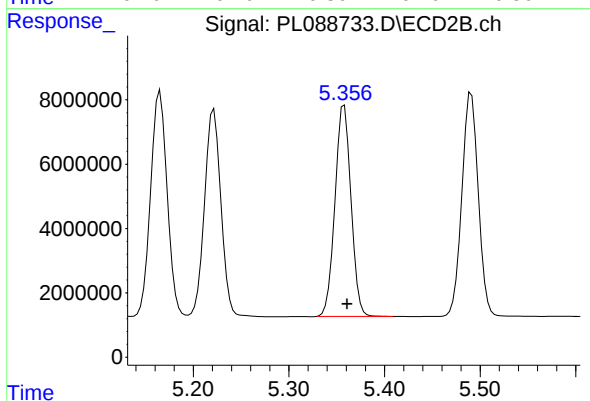
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 84952691
Conc: 51.18 ng/ml



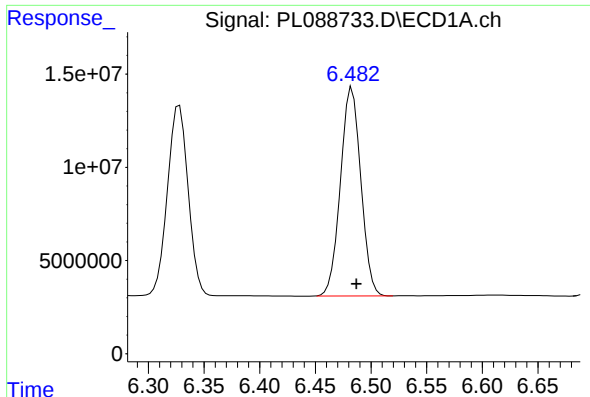
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 132286901
Conc: 44.28 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 76332982
Conc: 52.33 ng/ml



#13 Dieldrin

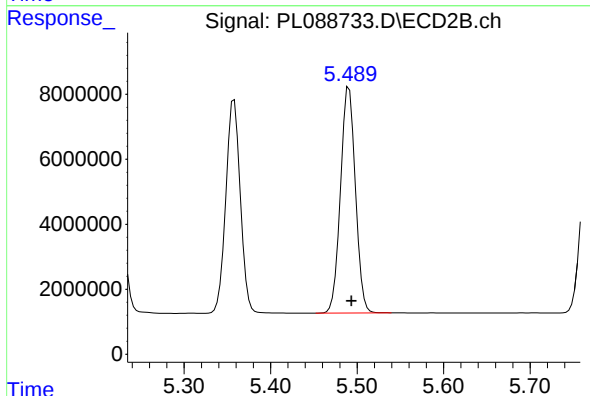
R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 142642597
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

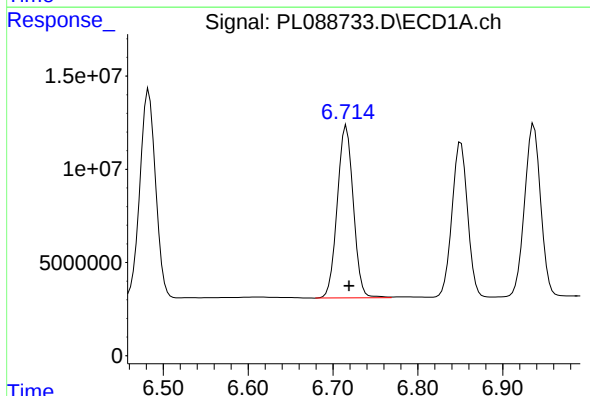
Reviewed By :Abdul
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03/25/2024

Supervised By :Ankita
Jodhani
03/25/2024



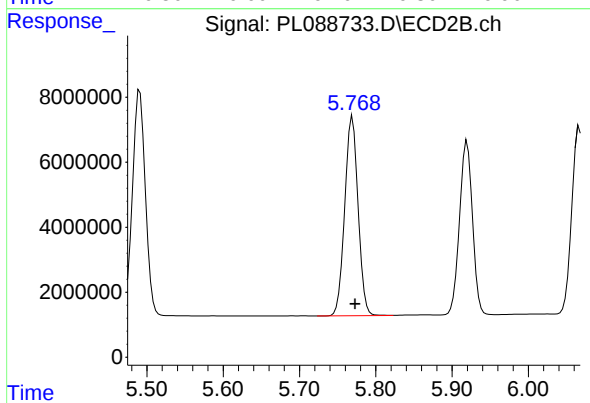
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 82792460
Conc: 50.98 ng/ml



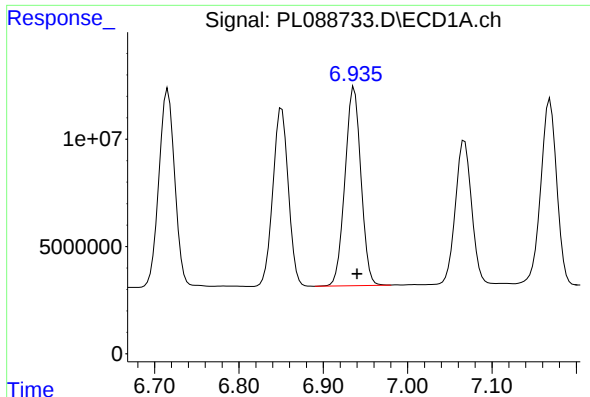
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 121159358
Conc: 44.32 ng/ml



#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 74721236
Conc: 51.84 ng/ml



#15 Endosulfan II

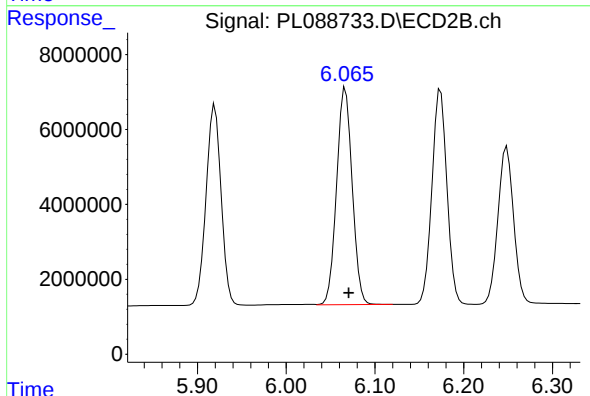
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 121853294
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

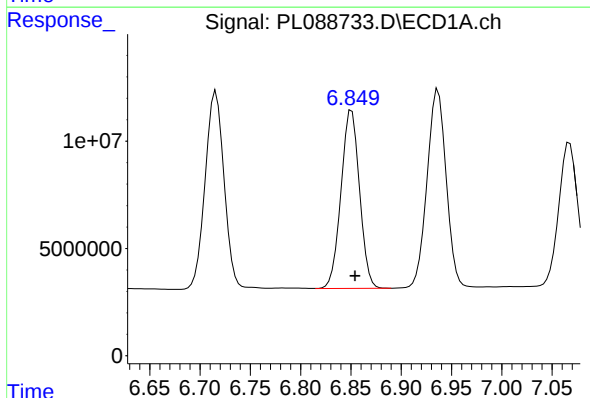
Reviewed By :Abdul
Mirza
03/25/2024

Supervised By :Ankita
Jodhani
03/25/2024



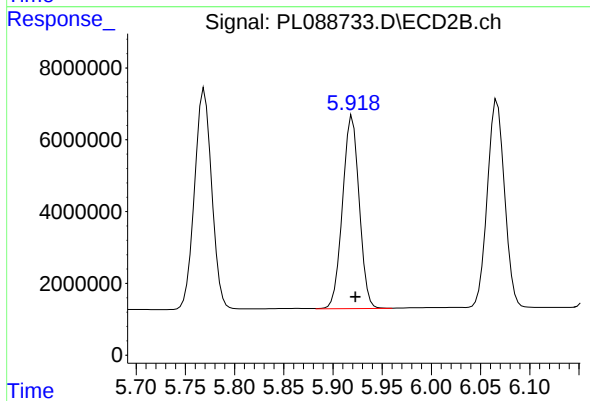
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 70761494
Conc: 49.21 ng/ml



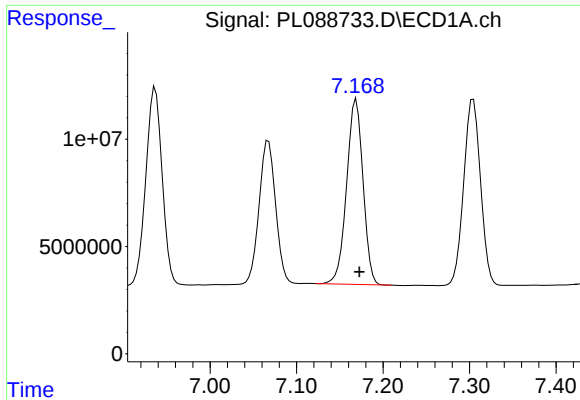
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 106193978
Conc: 41.70 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 63245222
Conc: 50.78 ng/ml



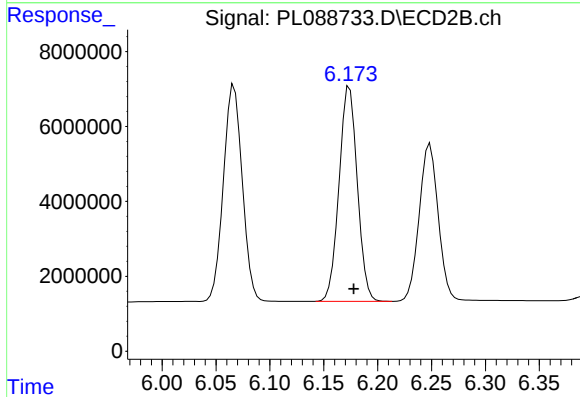
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 113243759
Conc: 42.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

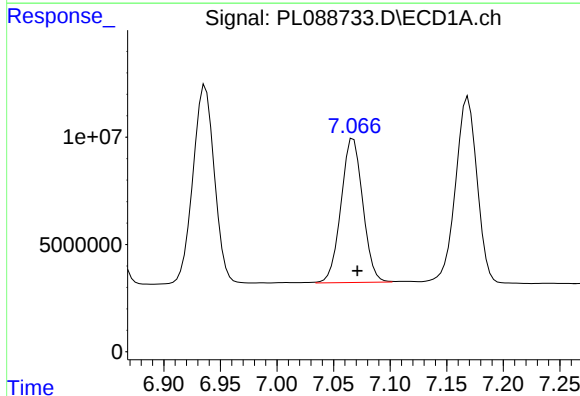
Manual Integrations
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Reviewed By :Abdul Mirza 03/25/2024
Supervised By :Ankita Jodhani 03/25/2024



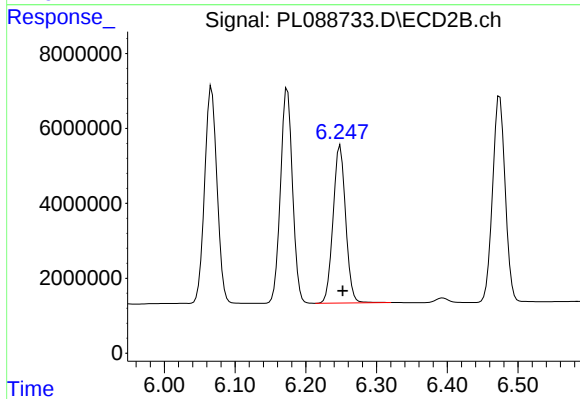
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 67709690
Conc: 50.45 ng/ml



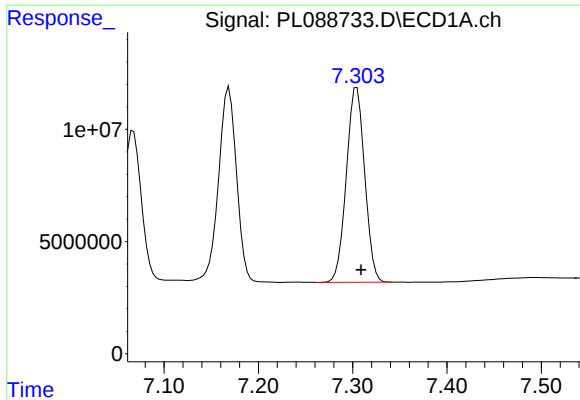
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 89884315
Conc: 43.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.004 min
Response: 51846650
Conc: 49.47 ng/ml



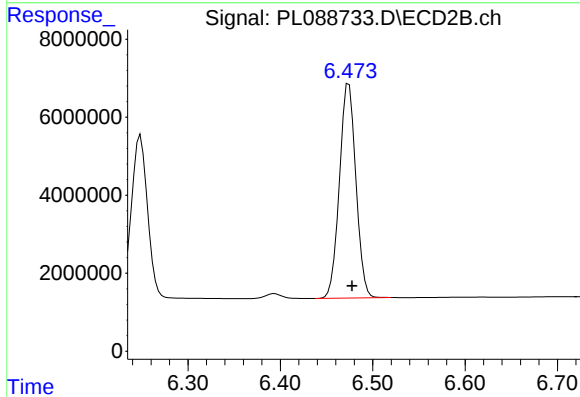
#19 Endosulfan Sulfate

R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 117530820
Conc: 42.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

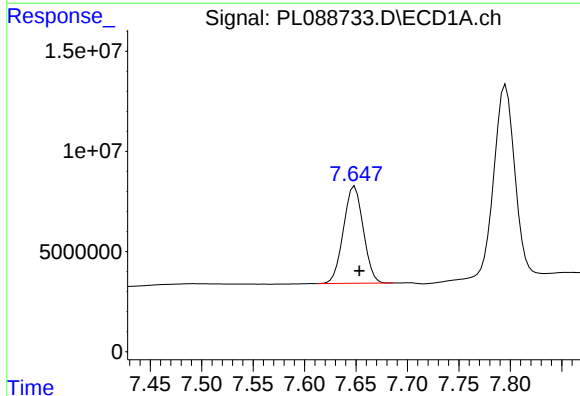
Manual Integrations
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Supervised By :Ankita Jodhani 03/25/2024



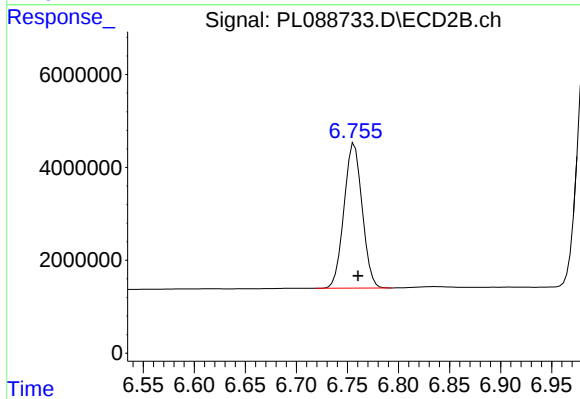
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 68198614
Conc: 49.15 ng/ml



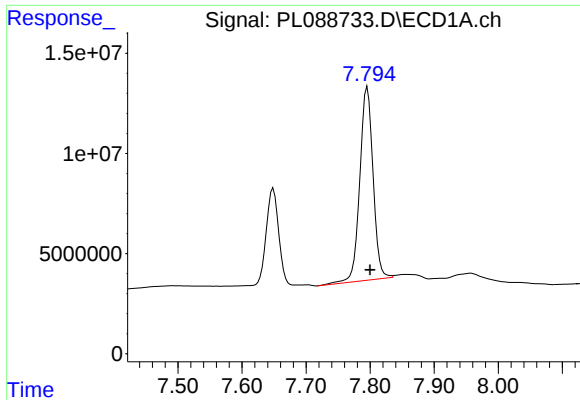
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.005 min
Response: 64979076
Conc: 43.13 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 38566201
Conc: 48.08 ng/ml



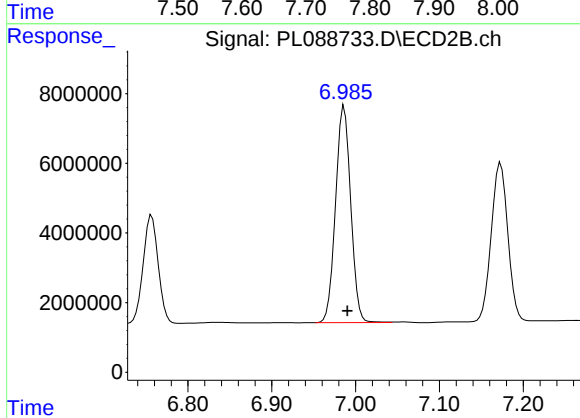
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 138894430
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

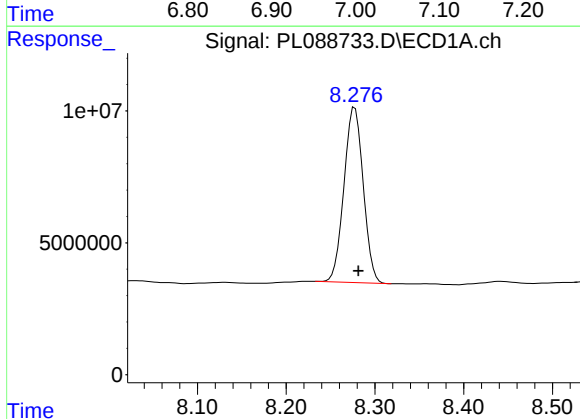
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2024
Supervised By :Ankita Jodhani 03/25/2024



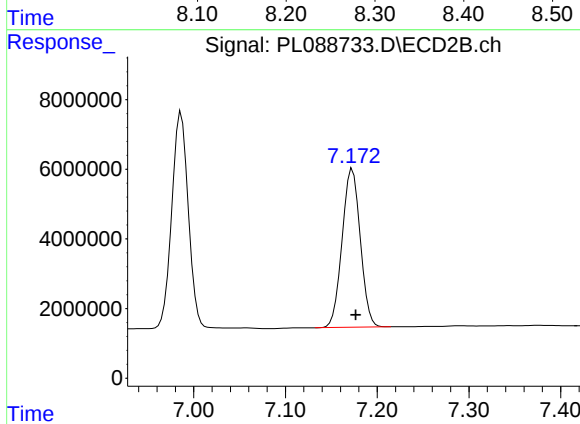
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 78233485
Conc: 47.39 ng/ml



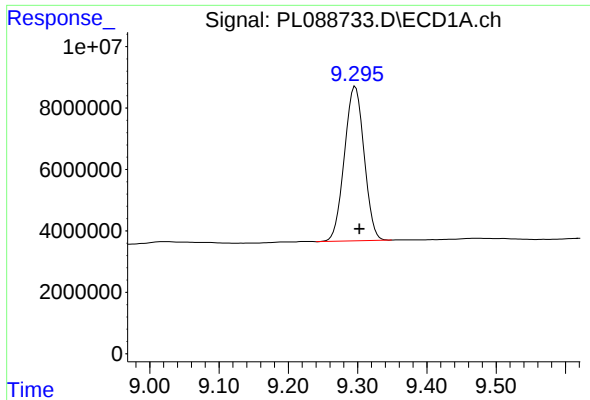
#22 Mirex

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 100207055
Conc: 42.74 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.005 min
Response: 62605788
Conc: 46.43 ng/ml m



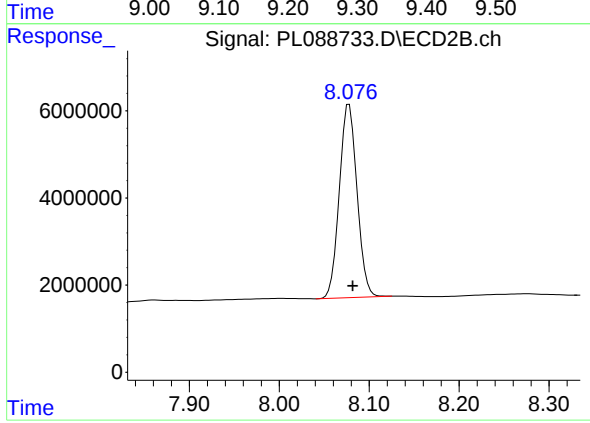
#28 Decachlorobiphenyl

R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 99218551
Conc: 40.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/25/2024



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 60825306
Conc: 44.86 ng/ml