

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083023\
 Data File : PL085094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 15:51
 Operator : AR\AJ
 Sample : 04219-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11939MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 21:20:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	33180535	16679619	14.281	15.339
28) SA Decachlor...	9.028	7.864	16083797	17356417	9.885m	13.921m#
Target Compounds						
2) A alpha-BHC	3.936	3.190	154.8E6	83380248	46.886	54.000
3) MA gamma-BHC...	4.268	3.521	147.9E6	80032564	46.356m	52.669
4) MA Heptachlor	4.860	3.861	146.2E6	78754062	43.460m	55.299 #
5) MB Aldrin	5.201	4.141	177.2E6	77169842	53.618m	53.096
6) B beta-BHC	4.470	3.823	63669801	33775847	45.579	50.410
7) B delta-BHC	4.716	4.051	143.2E6	77972748	44.408	51.358
8) B Heptachlo...	5.635	4.647	186.6E6	93649934	61.952	70.583
9) A Endosulfan I	6.020	5.018	121.5E6	65494855	46.170	52.848
10) B gamma-Chl...	5.892	4.899	147.7E6	94433673	51.573	69.628m#
11) B alpha-Chl...	5.973	4.965	217.4E6	121.0E6	77.017	88.832
12) B 4,4'-DDE	6.151	5.163	98257327	69402249	42.808	56.357 #
13) MA Dieldrin	6.298	5.285	114.9E6	69764158	43.493	51.381
14) MA Endrin	6.527	5.560	83079185	59531220	38.092	48.668 #
15) B Endosulfa...	6.748	5.859	84532709	71127271	39.968	58.949 #
16) A 4,4'-DDD	6.669	5.720	80939758	55245318	48.276m	53.468
17) MA 4,4'-DDT	6.985	5.972	87187700	60694779	46.532	52.298
18) B Endrin al...	6.877	6.040	63554972	47048681	37.674m	47.440 #
19) B Endosulfa...	7.113	6.264	89361969	63743276	44.733m	53.602
20) A Methoxychlor	7.467	6.558	43835380	31716371	45.677m	46.227
21) B Endrin ke...	7.600	6.768	83268417	61779480	41.625	42.819
22) Mirex	8.076	6.949	59310747	48177924	35.712	41.775

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083023\
Data File : PL085094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2023 15:51
Operator : AR\AJ
Sample : 04219-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

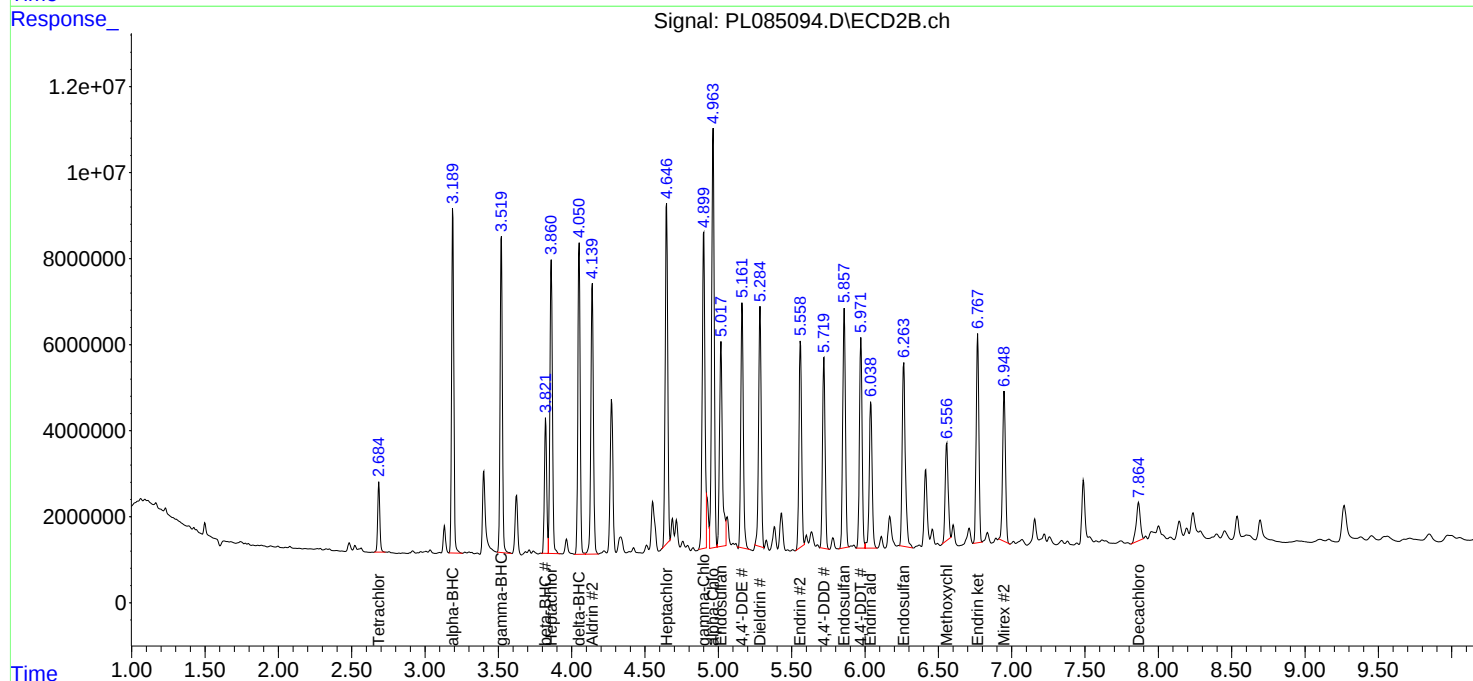
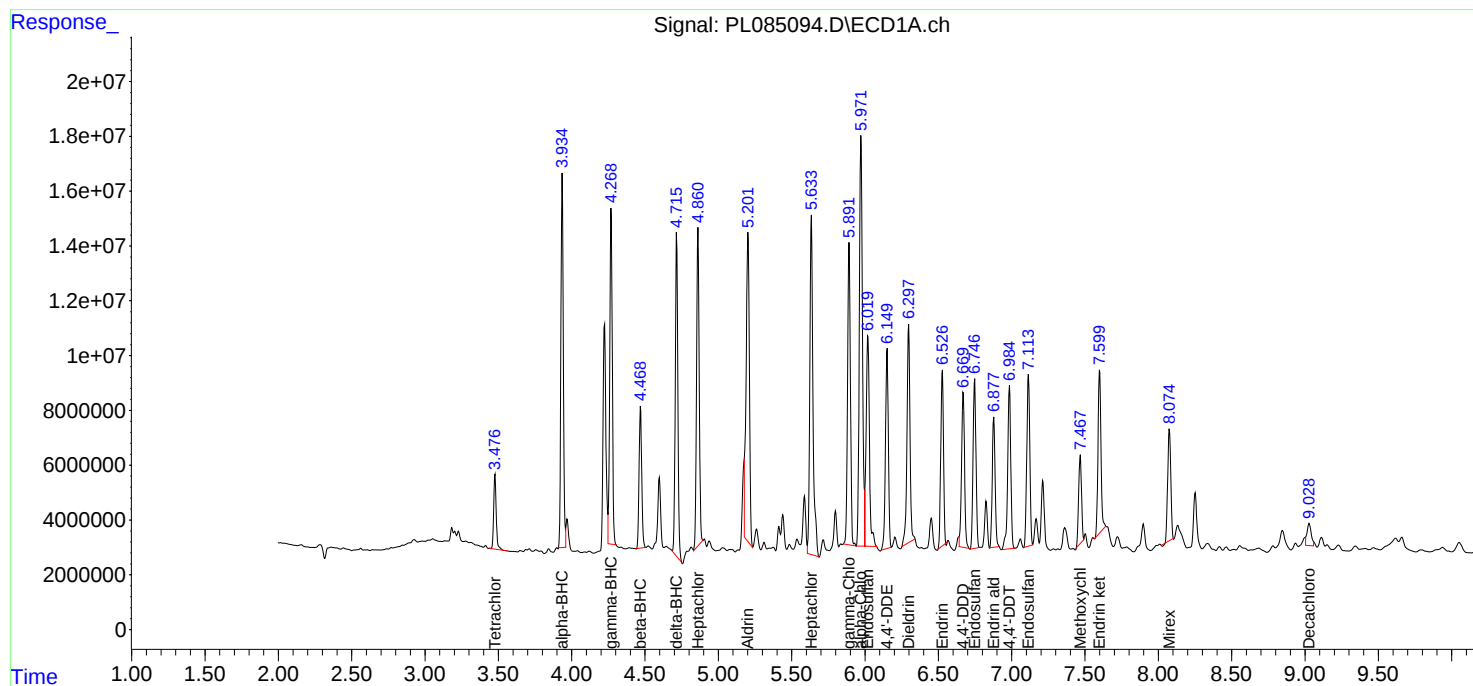
Instrument :
ECD_L
ClientSampleId :
72-11939MS

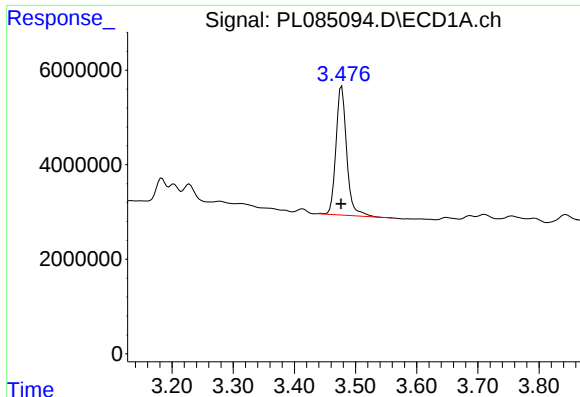
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 21:20:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





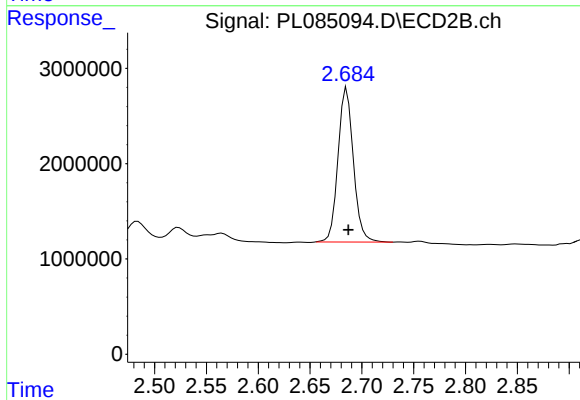
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 33180535
Conc: 14.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

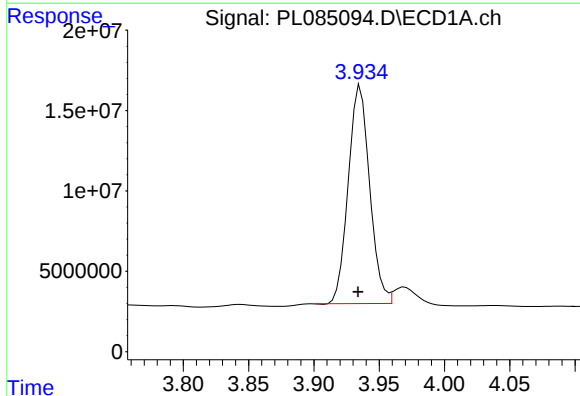
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



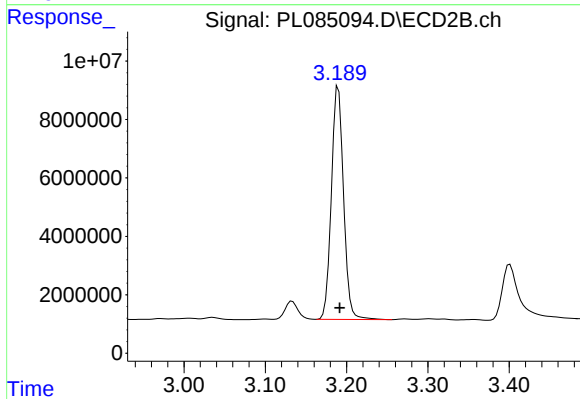
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 16679619
Conc: 15.34 ng/ml



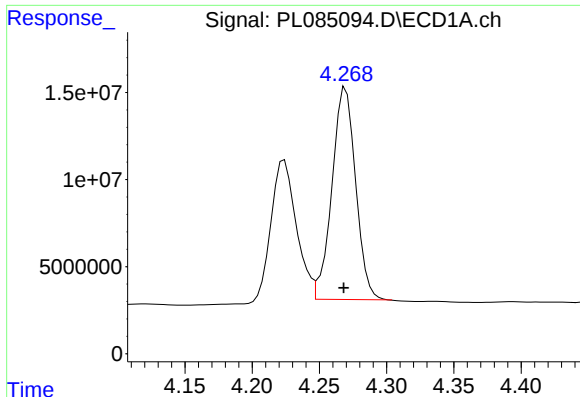
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 154788038
Conc: 46.89 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 83380248
Conc: 54.00 ng/ml



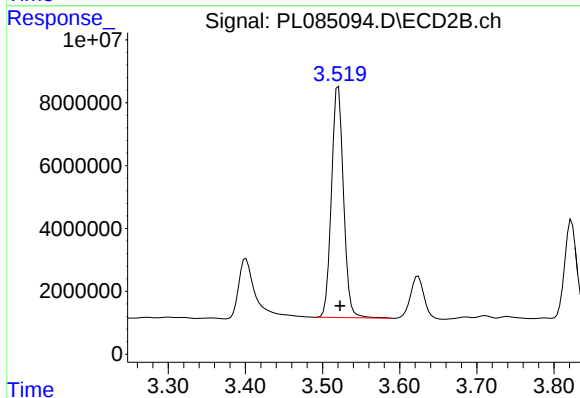
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 147875917
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

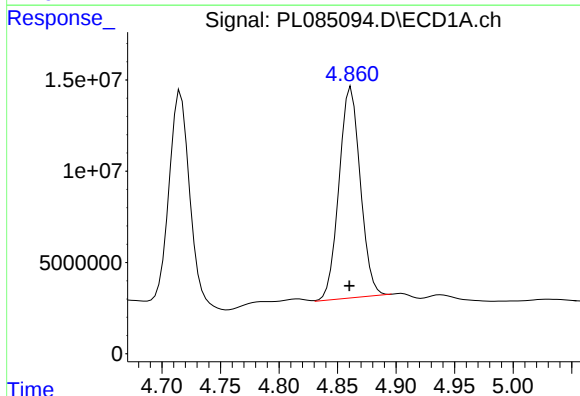
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



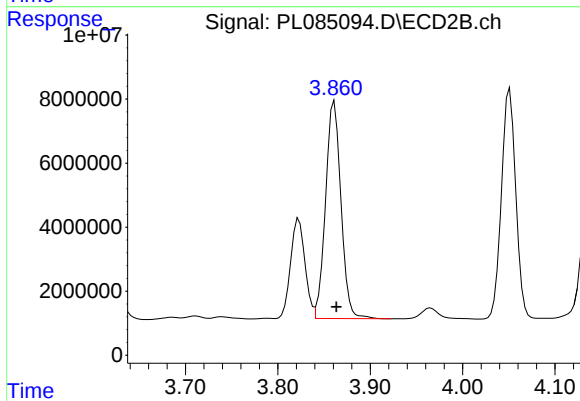
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 80032564
Conc: 52.67 ng/ml



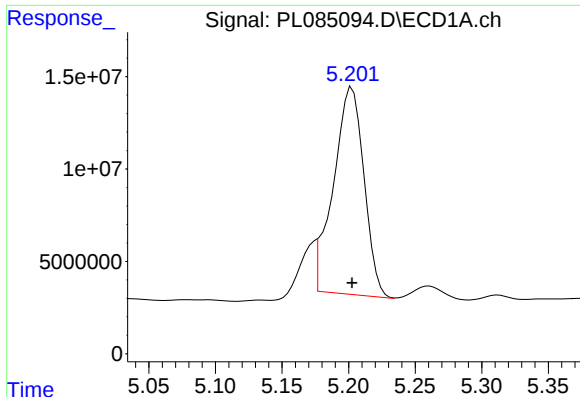
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 146150695
Conc: 43.46 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 78754062
Conc: 55.30 ng/ml



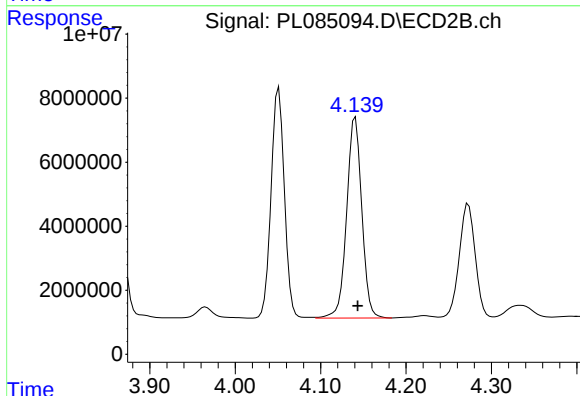
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: -0.001 min
Response: 177227058
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

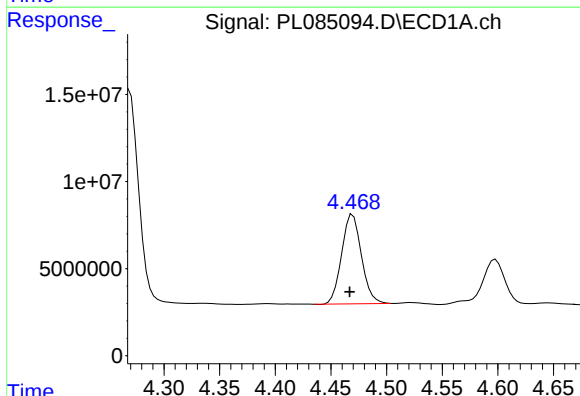
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



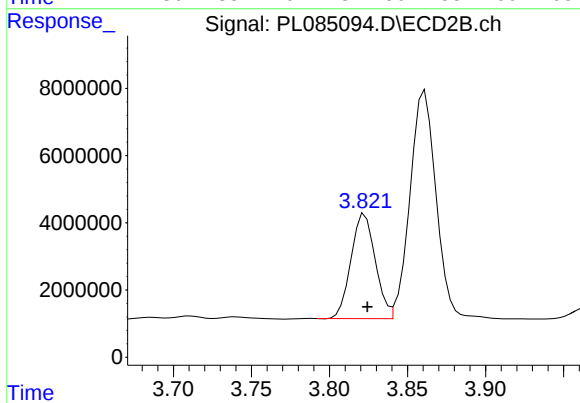
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 77169842
Conc: 53.10 ng/ml



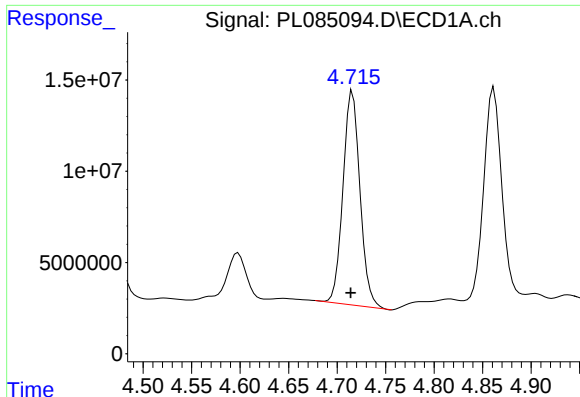
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.003 min
Response: 63669801
Conc: 45.58 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 33775847
Conc: 50.41 ng/ml



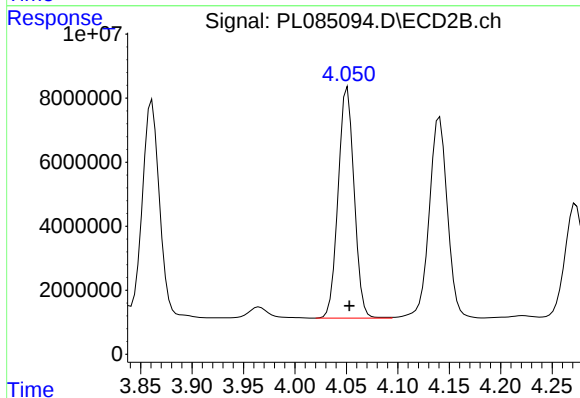
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 143203573
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

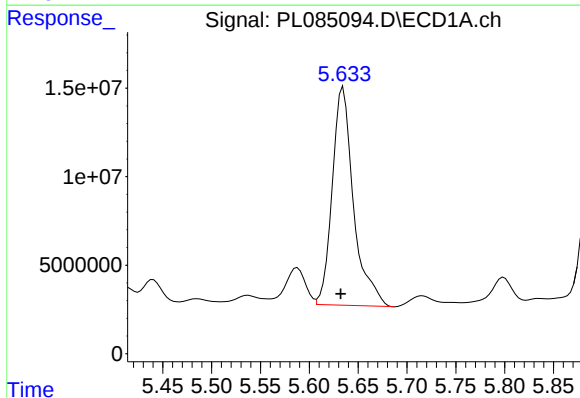
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



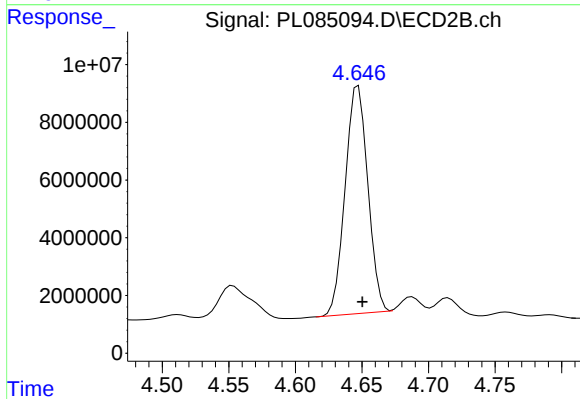
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 77972748
Conc: 51.36 ng/ml



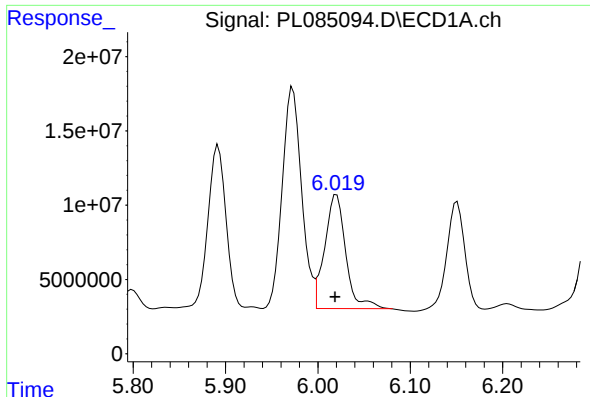
#8 Heptachlor epoxide

R.T.: 5.635 min
Delta R.T.: 0.003 min
Response: 186642010
Conc: 61.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.647 min
Delta R.T.: -0.003 min
Response: 93649934
Conc: 70.58 ng/ml



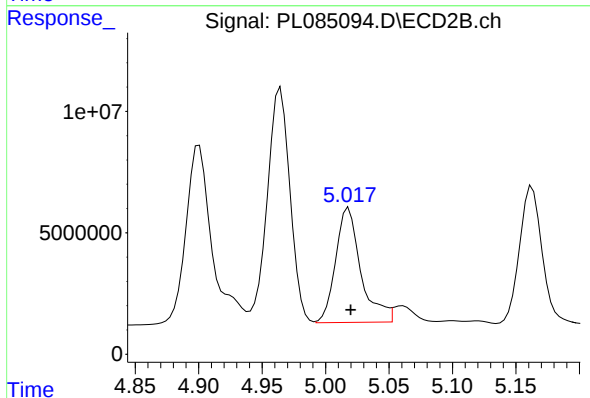
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 121530529
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

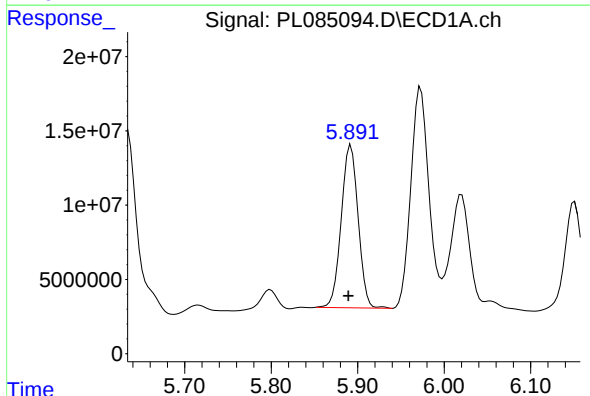
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



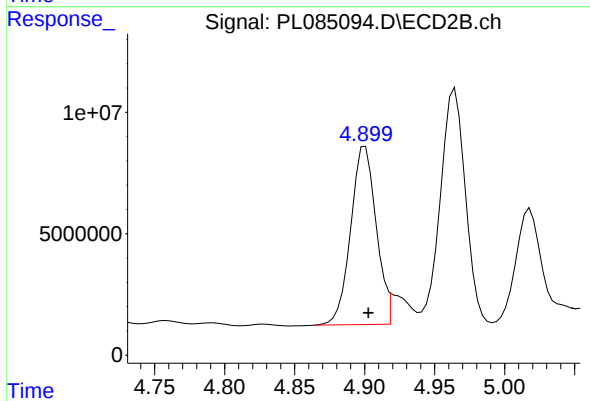
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 65494855
Conc: 52.85 ng/ml



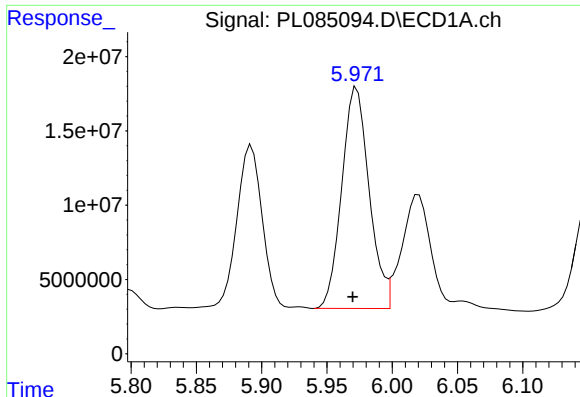
#10 gamma-Chlordane

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 147687058
Conc: 51.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 94433673
Conc: 69.63 ng/ml m



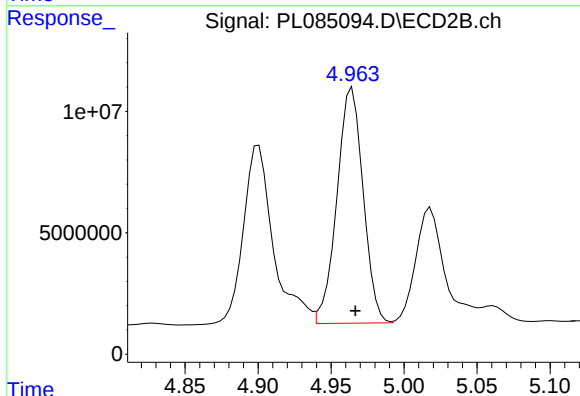
#11 alpha-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 217434087
Conc: 77.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

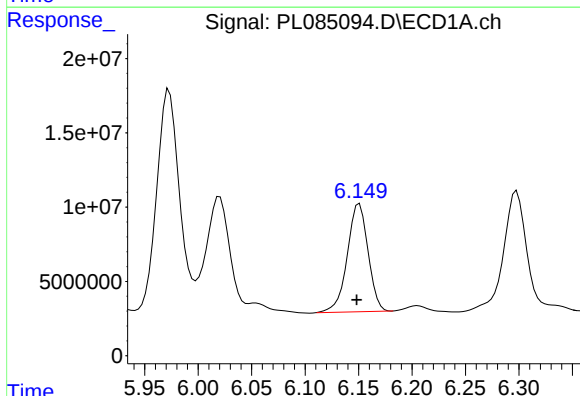
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



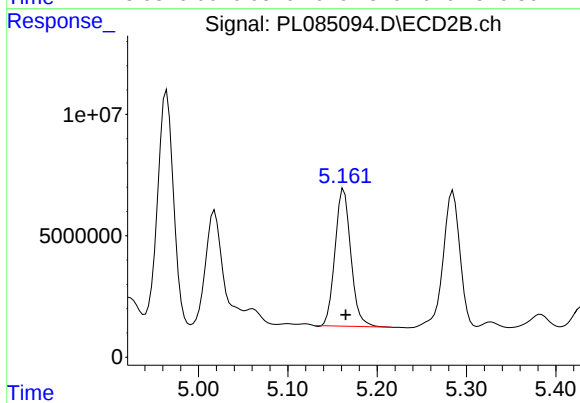
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 121033437
Conc: 88.83 ng/ml



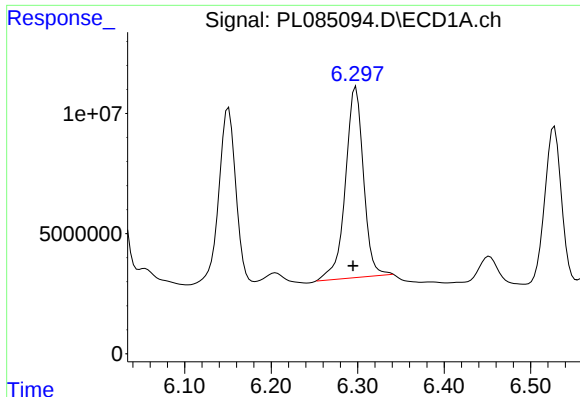
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 98257327
Conc: 42.81 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 69402249
Conc: 56.36 ng/ml



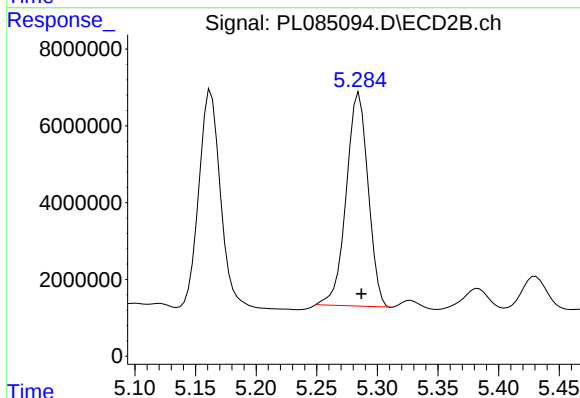
#13 Dieldrin

R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 114934265
Conc: 43.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

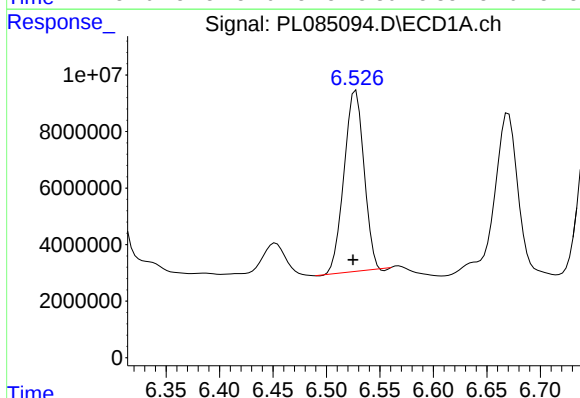
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



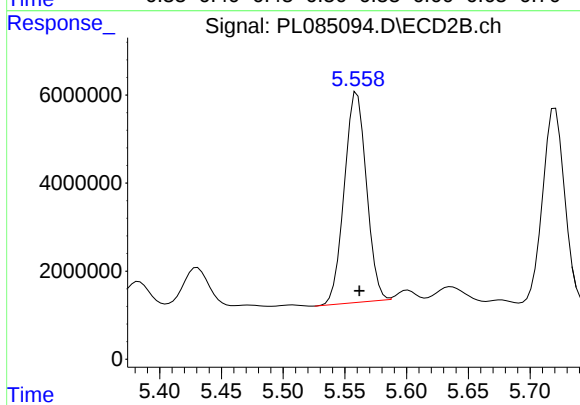
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 69764158
Conc: 51.38 ng/ml



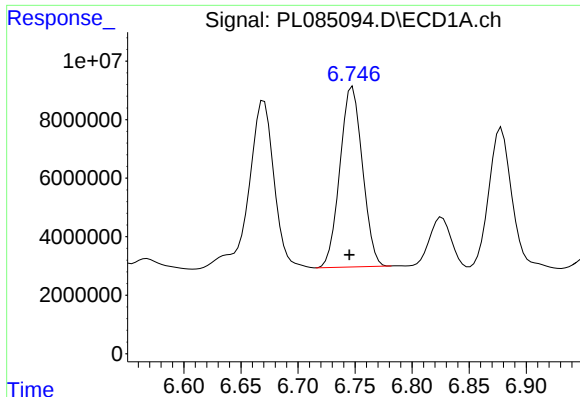
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 83079185
Conc: 38.09 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 59531220
Conc: 48.67 ng/ml



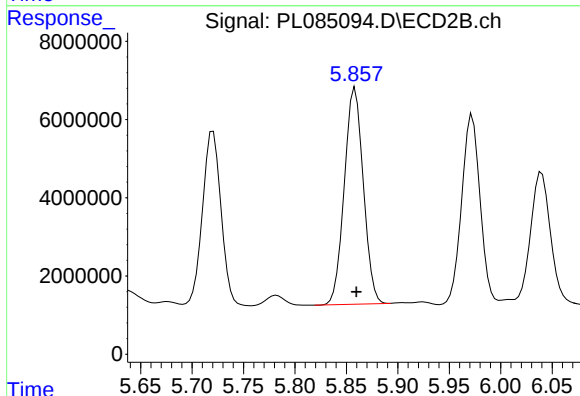
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 84532709
Conc: 39.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

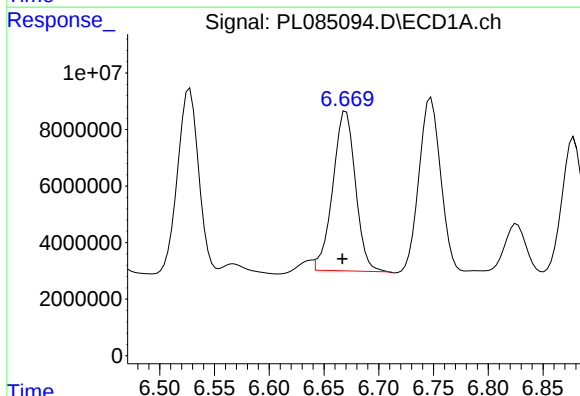
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



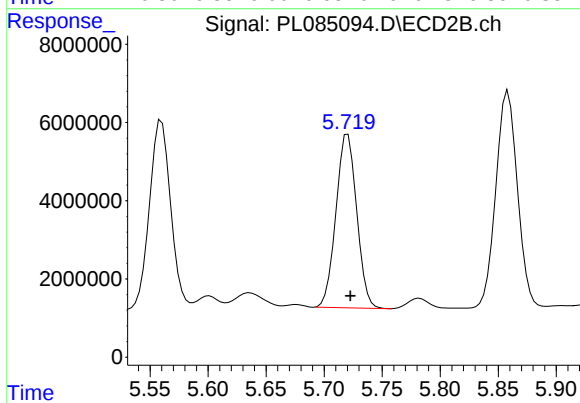
#15 Endosulfan II

R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 71127271
Conc: 58.95 ng/ml



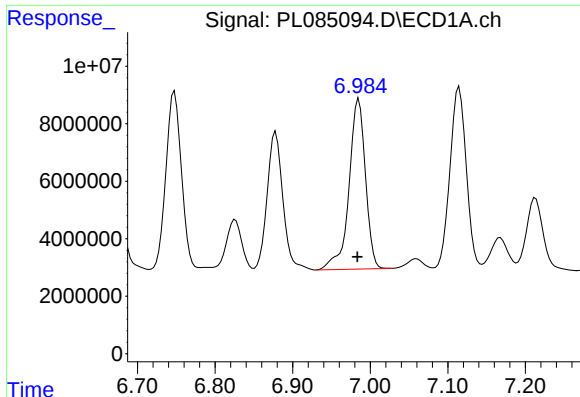
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 80939758
Conc: 48.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 55245318
Conc: 53.47 ng/ml



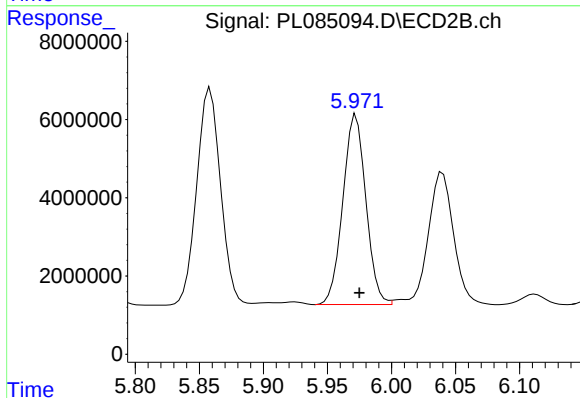
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 87187700
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

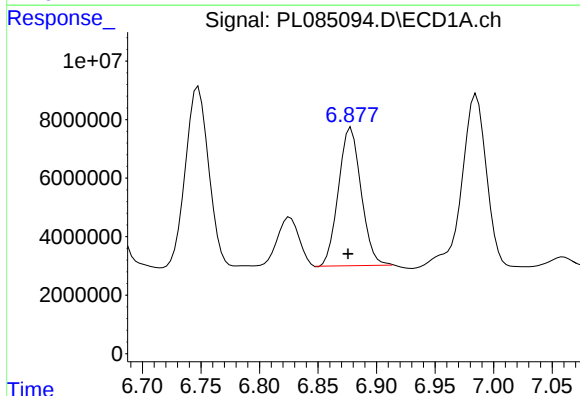
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



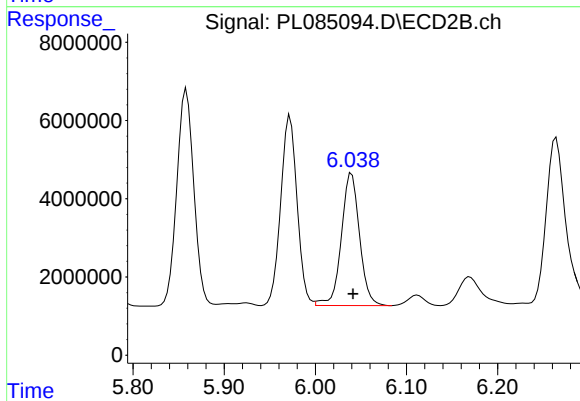
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 60694779
Conc: 52.30 ng/ml



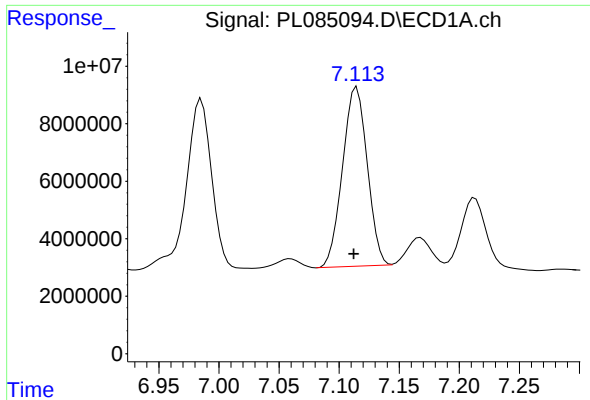
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 63554972
Conc: 37.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 47048681
Conc: 47.44 ng/ml



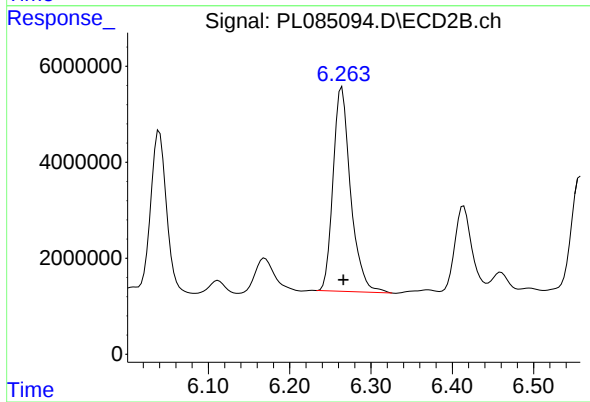
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 89361969
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

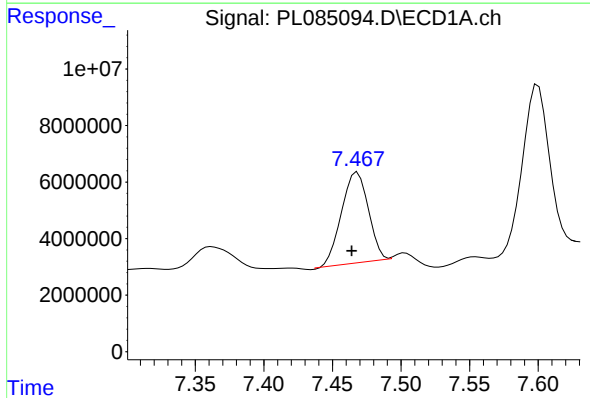
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



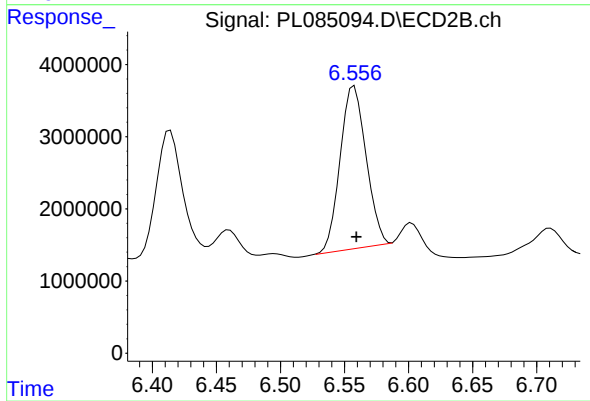
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 63743276
Conc: 53.60 ng/ml



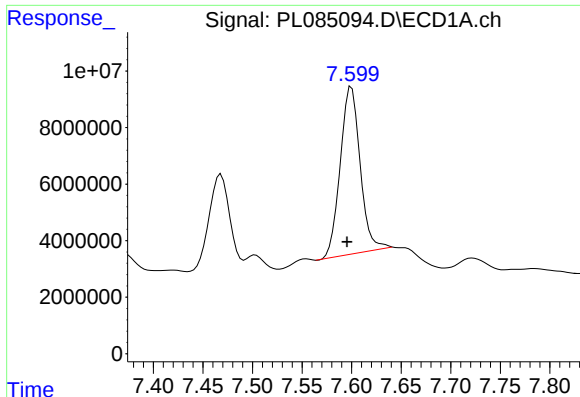
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 43835380
Conc: 45.68 ng/ml m



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 31716371
Conc: 46.23 ng/ml



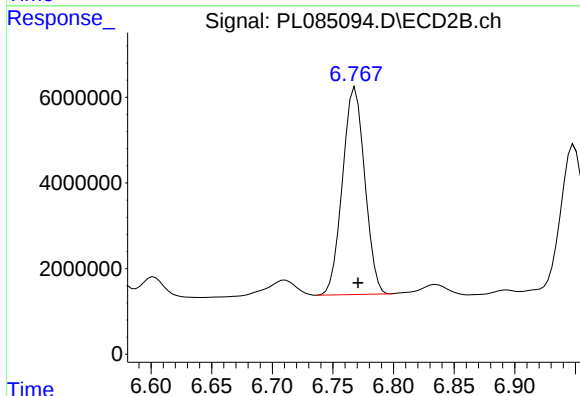
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.005 min
Response: 83268417
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

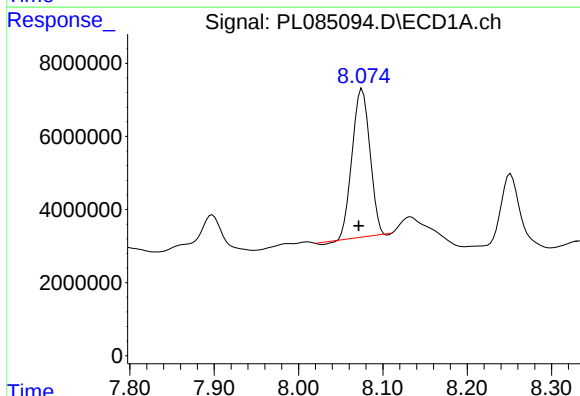
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



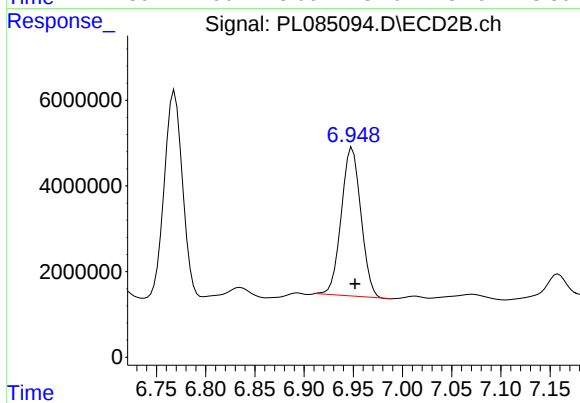
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 61779480
Conc: 42.82 ng/ml



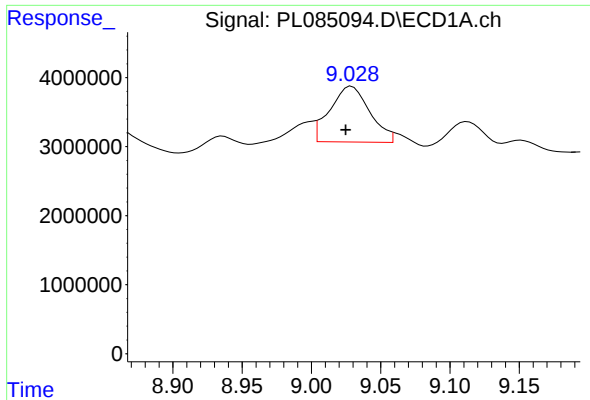
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.004 min
Response: 59310747
Conc: 35.71 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.003 min
Response: 48177924
Conc: 41.77 ng/ml



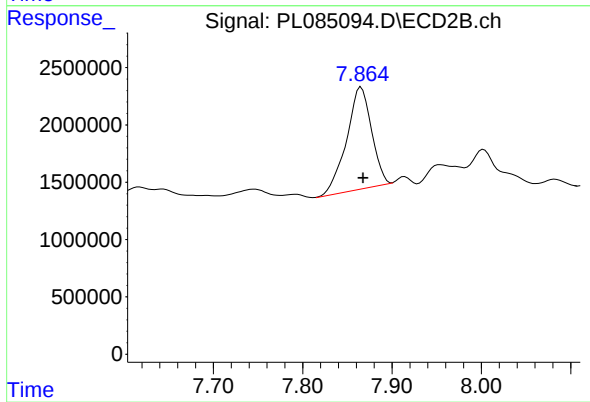
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 16083797
Conc: 9.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11939MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/31/2023
Supervised By :Ankita Jodhani 08/31/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 17356417
Conc: 13.92 ng/ml m