

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 21:44
 Operator : AR\AJ
 Sample : 05612-03MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MW-06IMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:40:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.609	43193627	13070984	13.510	14.372
28)	SA Decachlor...	8.845	7.760	39288155	15512819	14.717	14.070
Target Compounds							
2)	A alpha-BHC	3.797	3.107	225.5E6	72460349	48.711	57.058m
3)	MA gamma-BHC...	4.127	3.435	224.7E6	64456377	51.371m	52.754
4)	MA Heptachlor	4.715	3.770	213.5E6	66290271	53.796	56.773
5)	MB Aldrin	5.054	4.047	204.4E6	58766019	48.423m	48.147
6)	B beta-BHC	4.333	3.738	97558068	29509020	52.152	55.773
7)	B delta-BHC	4.575	3.962	235.1E6	64163529	55.384	54.945
8)	B Heptachlo...	5.485	4.552	180.2E6	61037057	50.874	53.618
9)	A Endosulfan I	5.869	4.920	224.3E6	57907678	62.265	45.100 #
10)	B gamma-Chl...	5.744	4.804	204.0E6	59325005	54.250	51.754
11)	B alpha-Chl...	5.823	4.867	201.2E6	59552028	53.448	44.783
12)	B 4,4'-DDE	6.008	5.067	156.5E6	49861270	51.763	54.311
13)	MA Dieldrin	6.147	5.186	200.0E6	61004909	57.603	56.964
14)	MA Endrin	6.375	5.459	174.8E6	57110659	67.829	67.762
15)	B Endosulfa...	6.599	5.758	163.4E6	52734771	57.246	56.793
16)	A 4,4'-DDD	6.526	5.624	130.6E6	42411027	55.756	54.913
17)	MA 4,4'-DDT	6.840	5.874	139.1E6	45494989	54.206m	56.413
18)	B Endrin al...	6.729	5.939	122.6E6	43435049	57.464m	62.173
19)	B Endosulfa...	6.967	6.164	164.9E6	55773442	57.729	58.782
20)	A Methoxychlor	7.328	6.459	80246646	28985195	60.771	56.312
21)	B Endrin ke...	7.449	6.666	176.0E6	63837783	58.869	55.925
22)	Mirex	7.921	6.841	124.8E6	48149953	48.789	46.393

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
Data File : PL086975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2023 21:44
Operator : AR\AJ
Sample : 05612-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

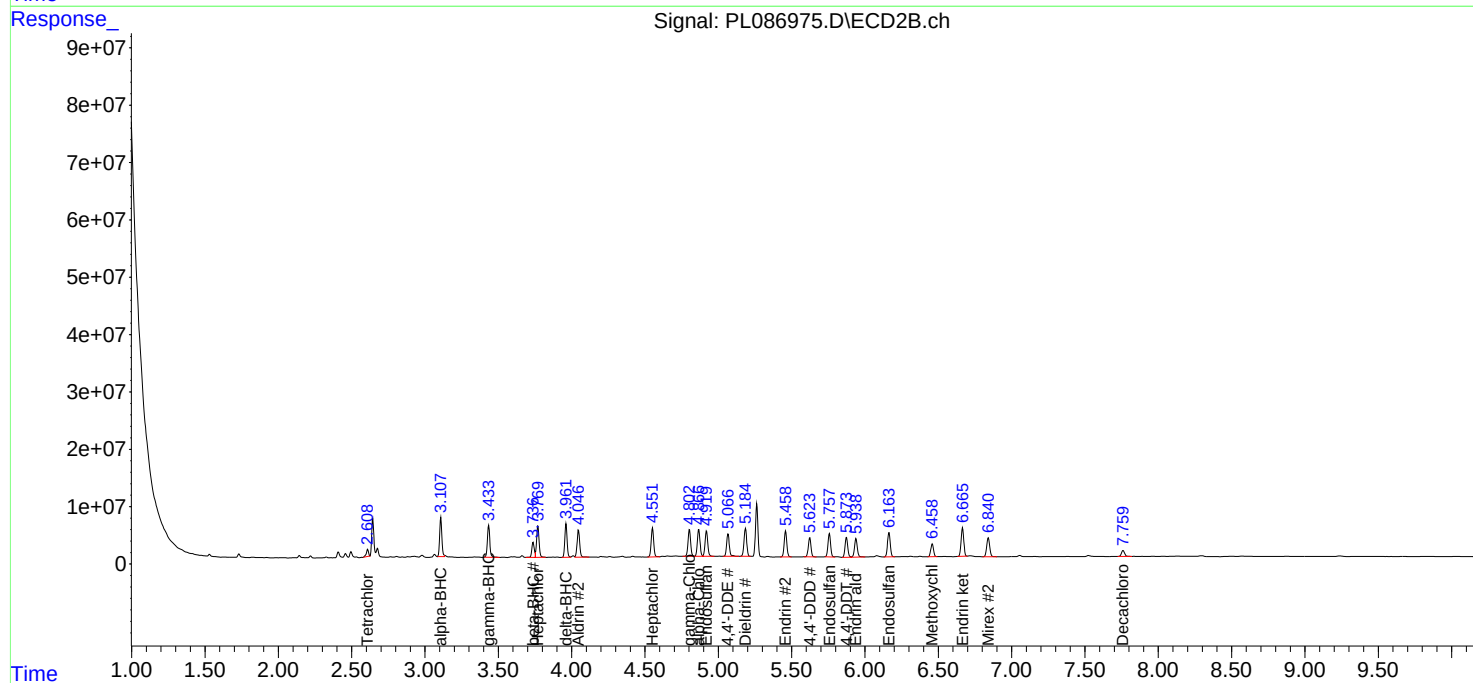
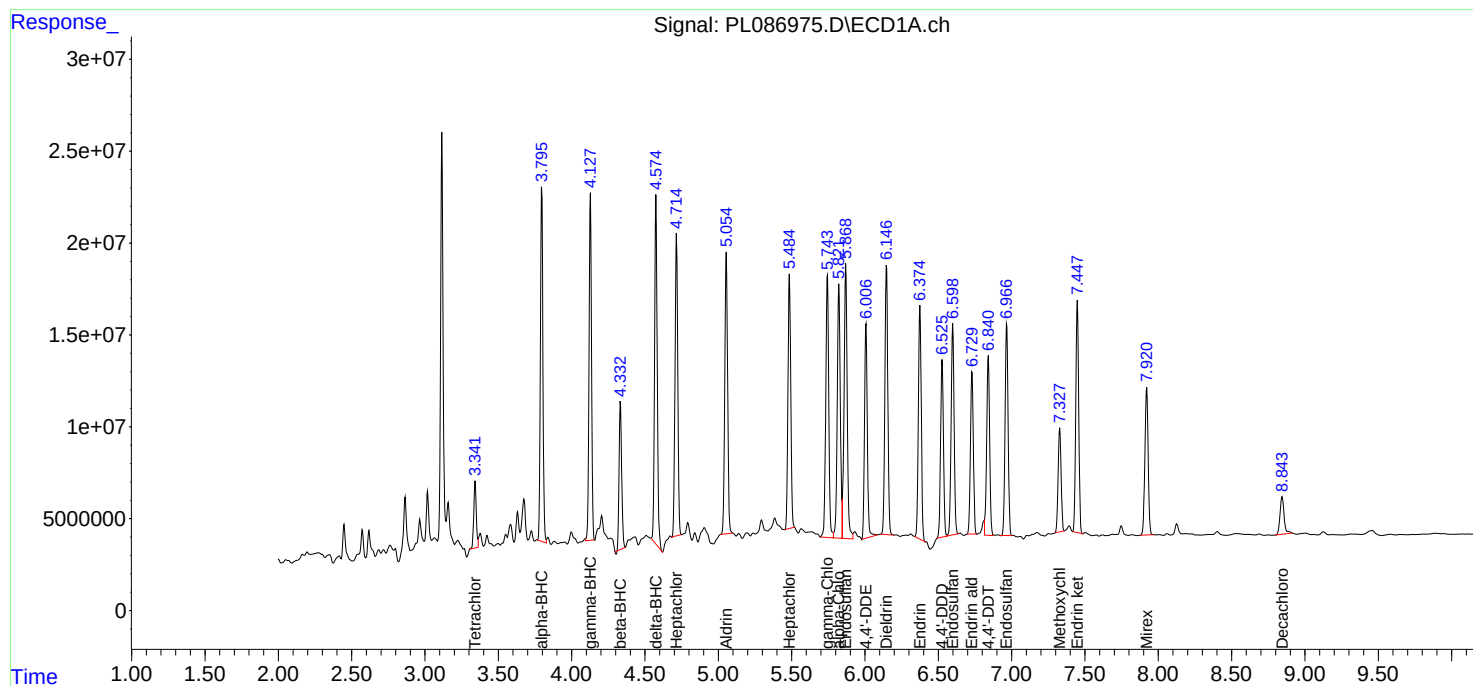
Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

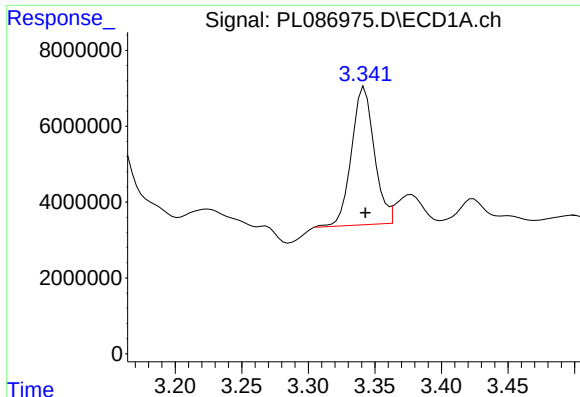
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 00:40:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 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





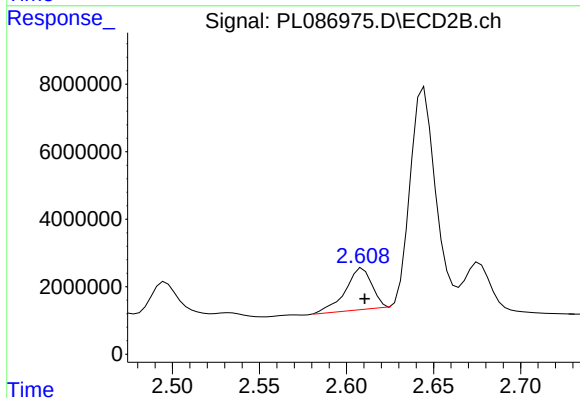
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 43193627
Conc: 13.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

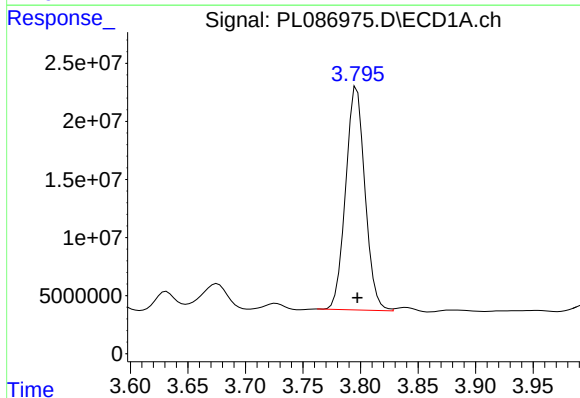
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



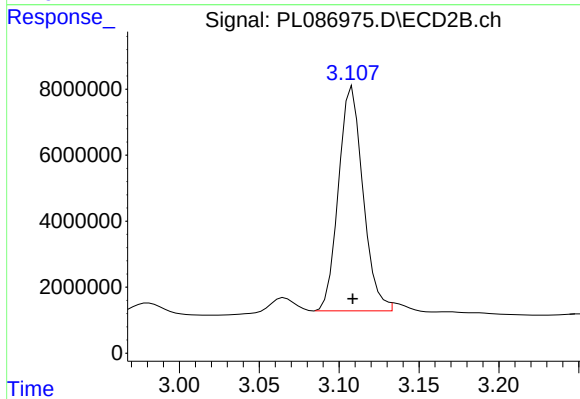
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: 0.000 min
Response: 13070984
Conc: 14.37 ng/ml



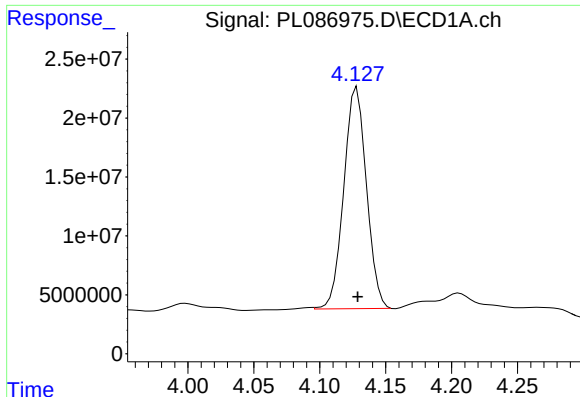
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 225536019
Conc: 48.71 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 72460349
Conc: 57.06 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 224738864
Conc: 51.37 ng/ml

Instrument :

ECD_L

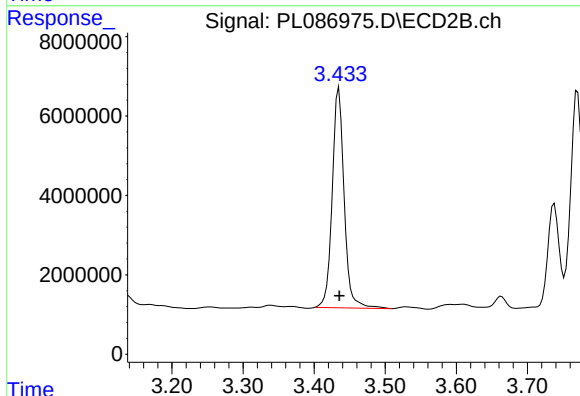
ClientSampleId :

MW-06IMSD

Manual Integrations

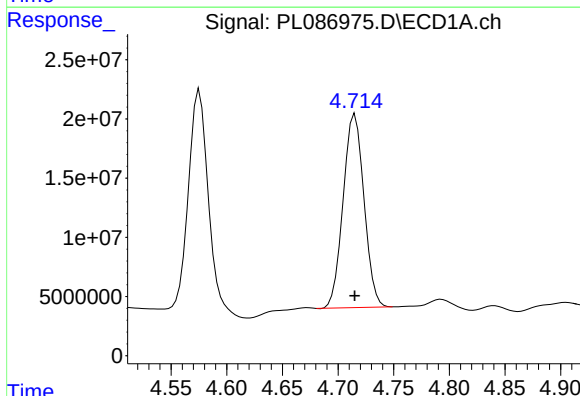
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



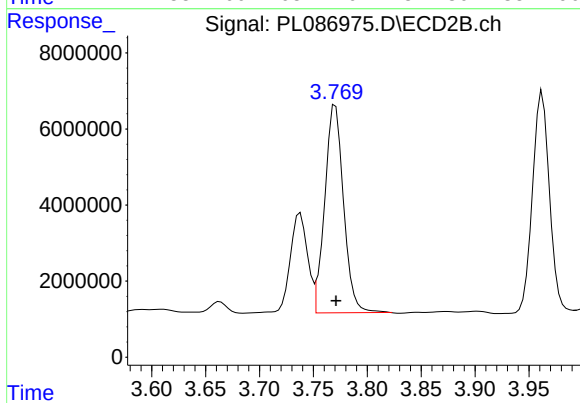
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 64456377
Conc: 52.75 ng/ml



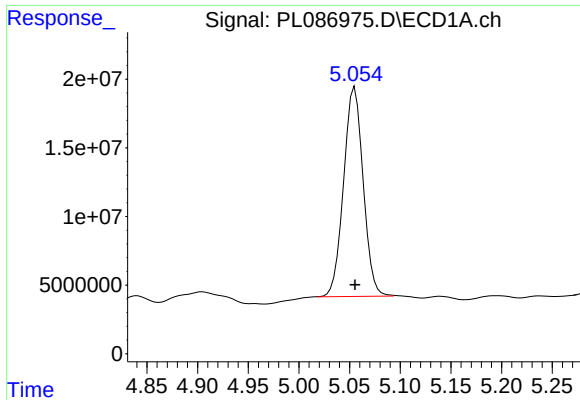
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 213501057
Conc: 53.80 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 66290271
Conc: 56.77 ng/ml



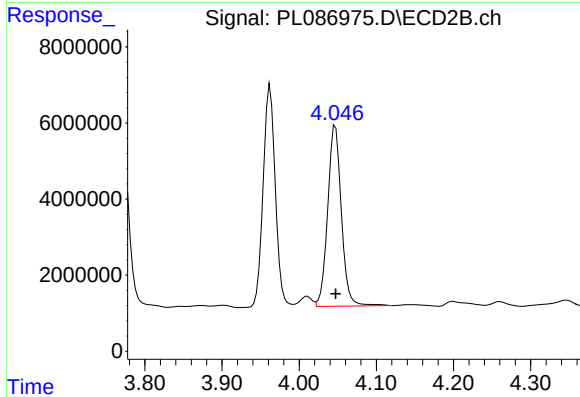
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: -0.002 min
Response: 204353349
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

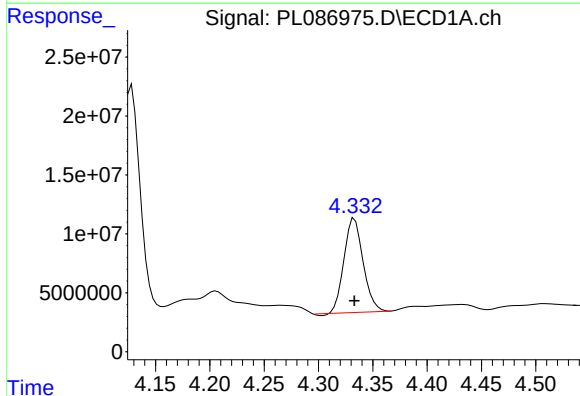
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



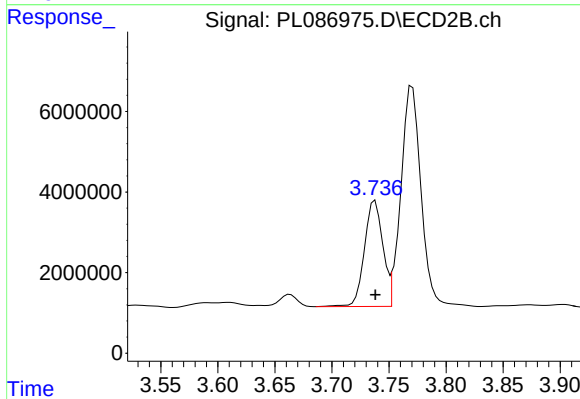
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 58766019
Conc: 48.15 ng/ml



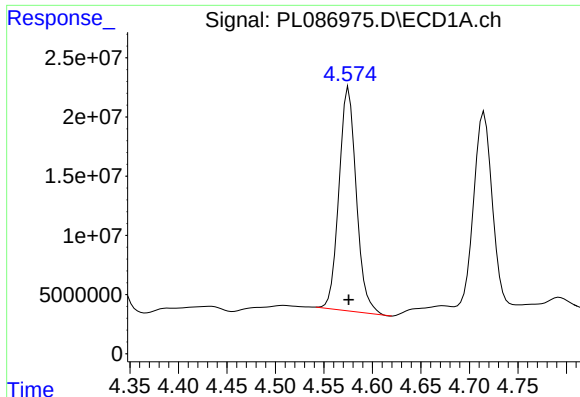
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 97558068
Conc: 52.15 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 29509020
Conc: 55.77 ng/ml



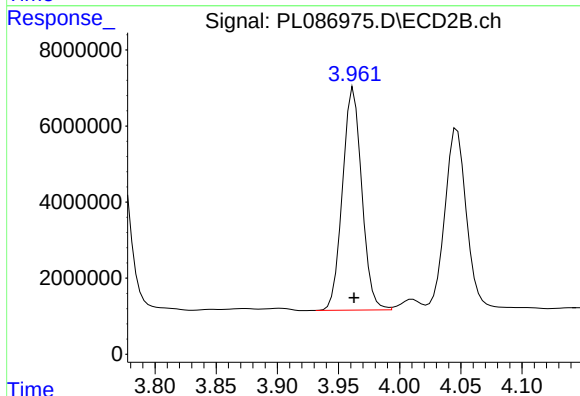
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 235115506
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

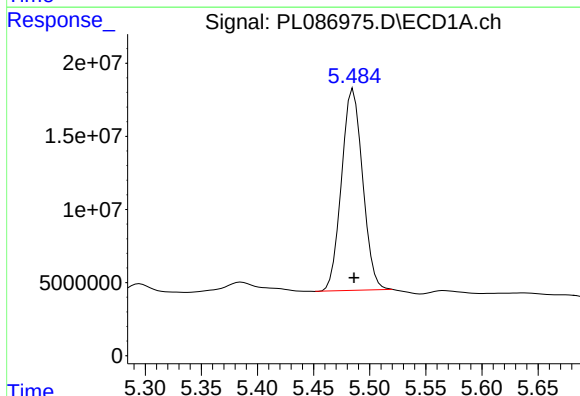
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



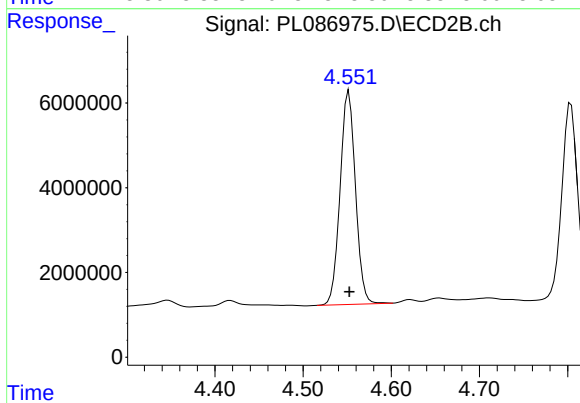
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 64163529
Conc: 54.94 ng/ml



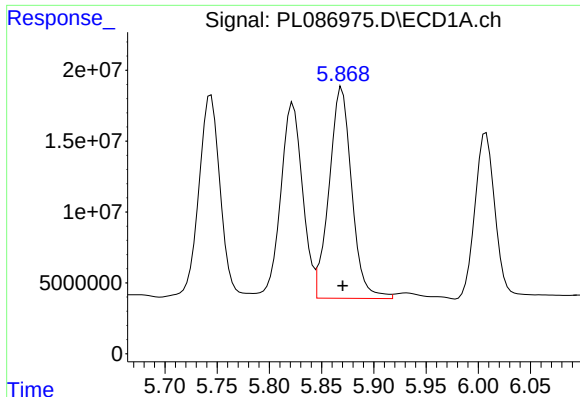
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 180212906
Conc: 50.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 61037057
Conc: 53.62 ng/ml



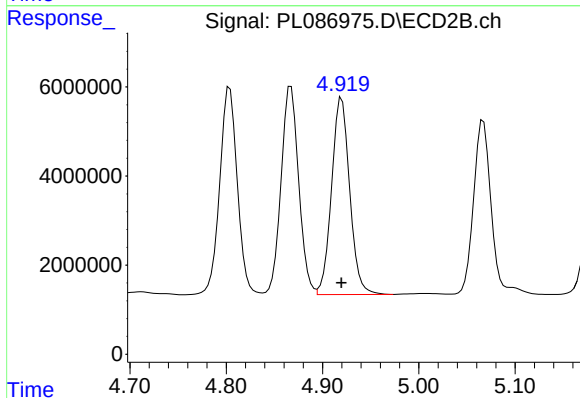
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 224331887
Conc: 62.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

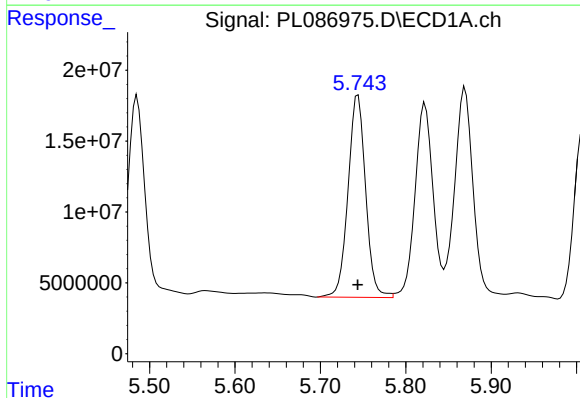
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



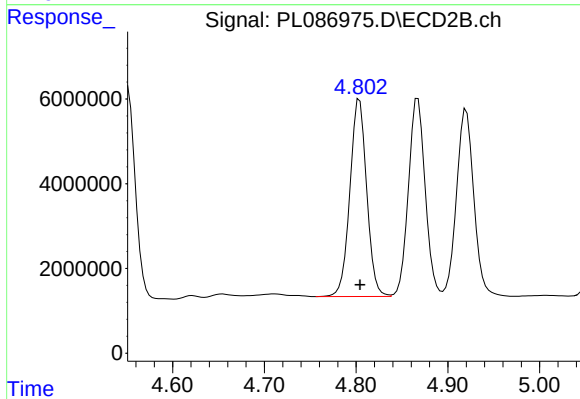
#9 Endosulfan I

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 57907678
Conc: 45.10 ng/ml



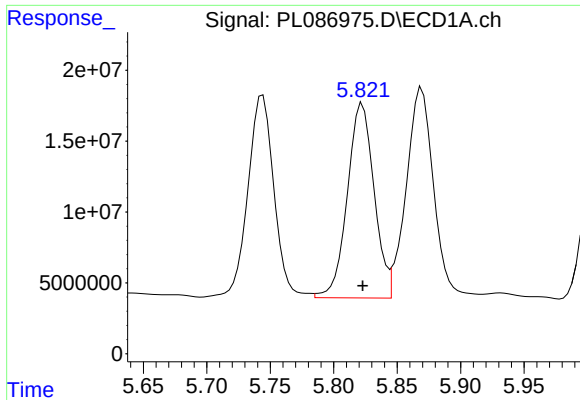
#10 gamma-Chlordane

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 203972772
Conc: 54.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 59325005
Conc: 51.75 ng/ml



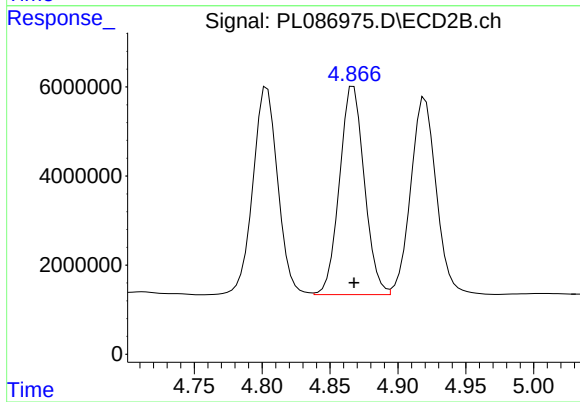
#11 alpha-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 201208089
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

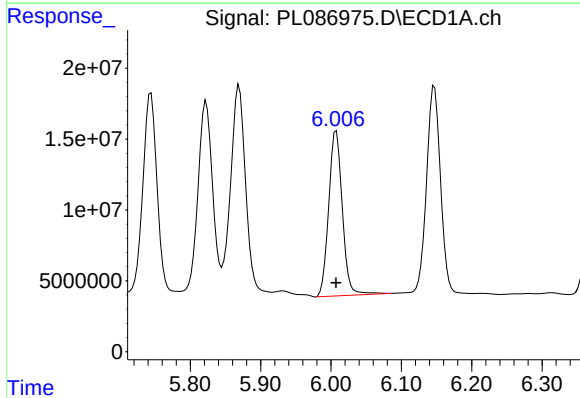
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



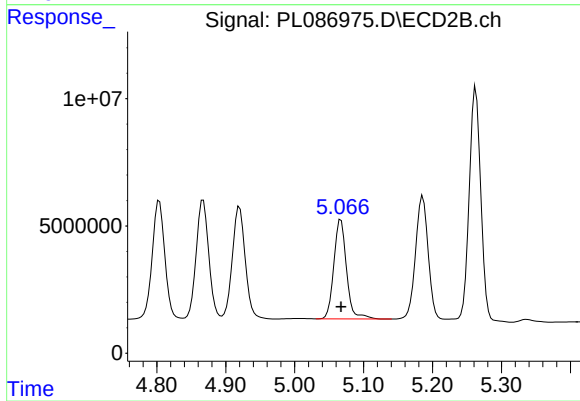
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 59552028
Conc: 44.78 ng/ml



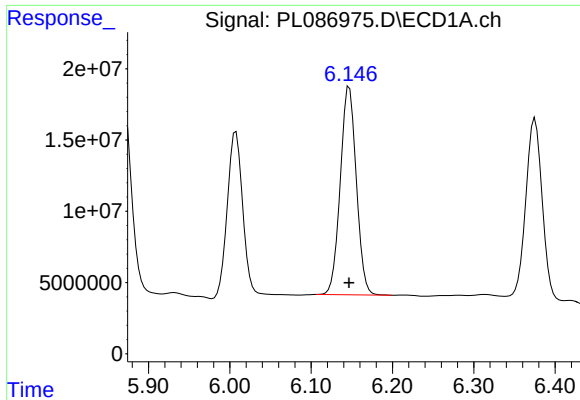
#12 4,4'-DDE

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 156499688
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 49861270
Conc: 54.31 ng/ml



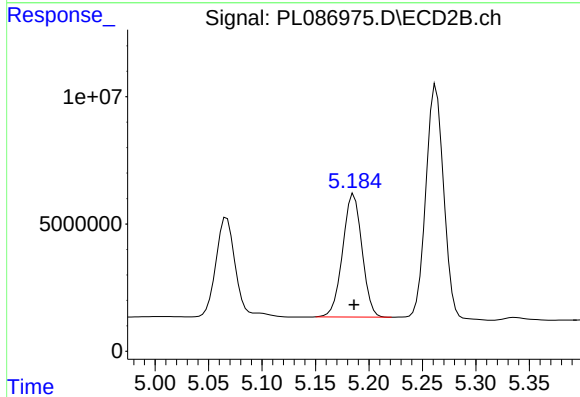
#13 Dieldrin

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 199976023
Conc: 57.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

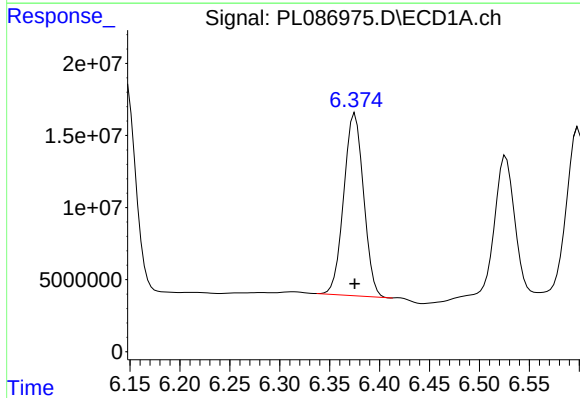
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



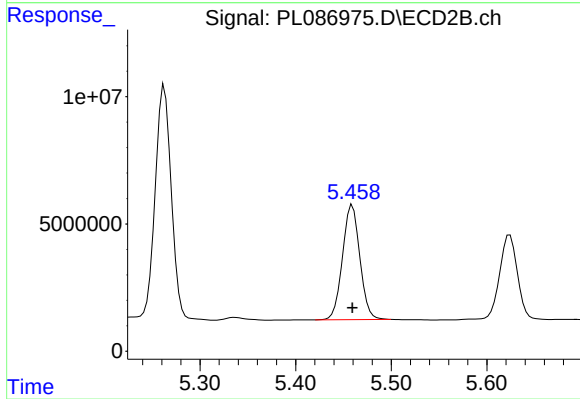
#13 Dieldrin

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 61004909
Conc: 56.96 ng/ml



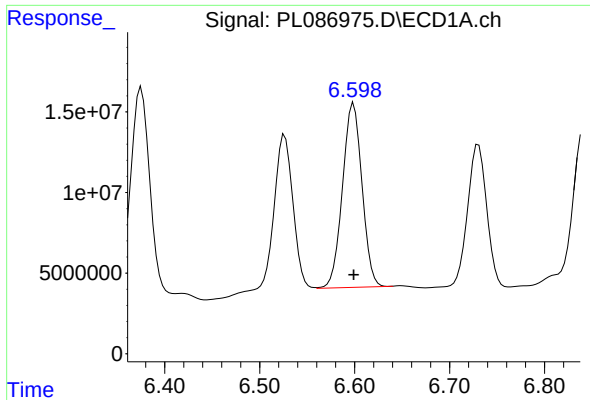
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 174839088
Conc: 67.83 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 57110659
Conc: 67.76 ng/ml



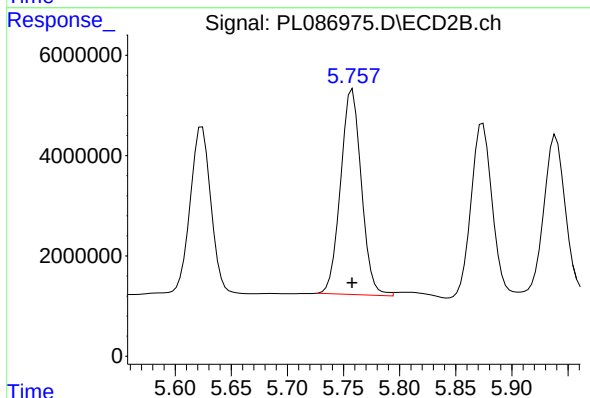
#15 Endosulfan II

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 163358068
Conc: 57.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

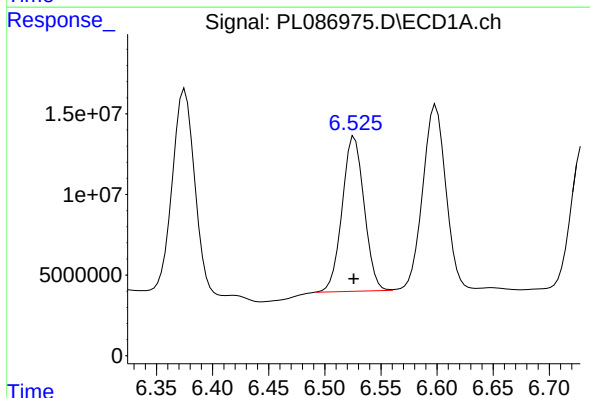
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



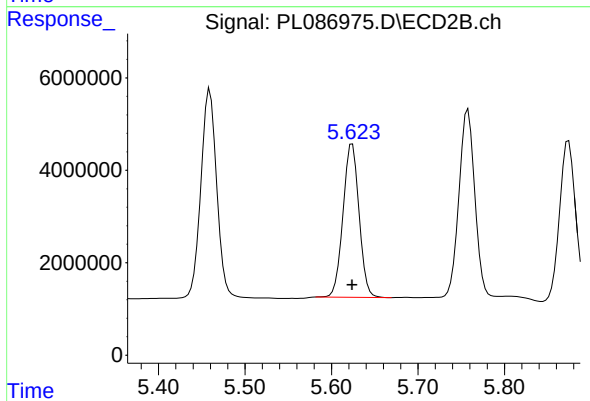
#15 Endosulfan II

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 52734771
Conc: 56.79 ng/ml



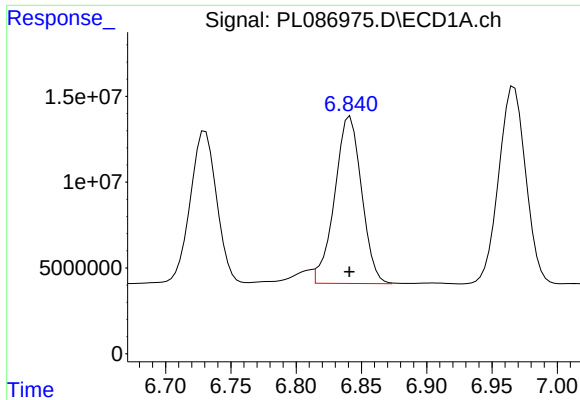
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 130557248
Conc: 55.76 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 42411027
Conc: 54.91 ng/ml



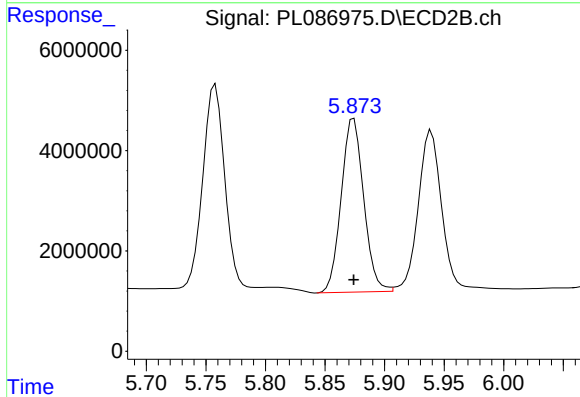
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 139127589
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

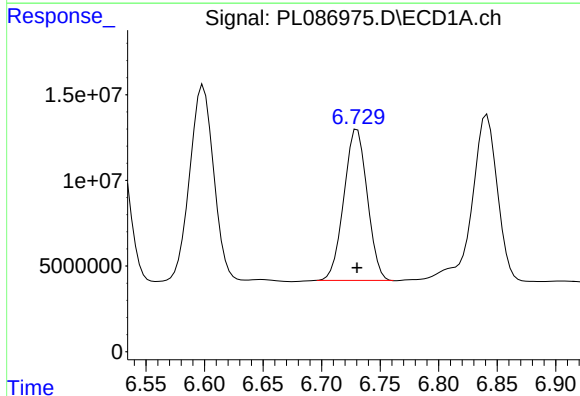
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



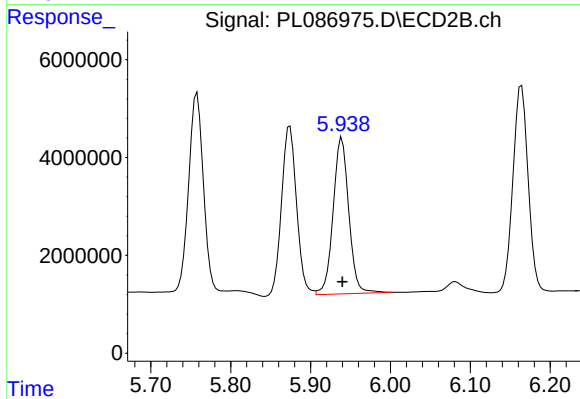
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 45494989
Conc: 56.41 ng/ml



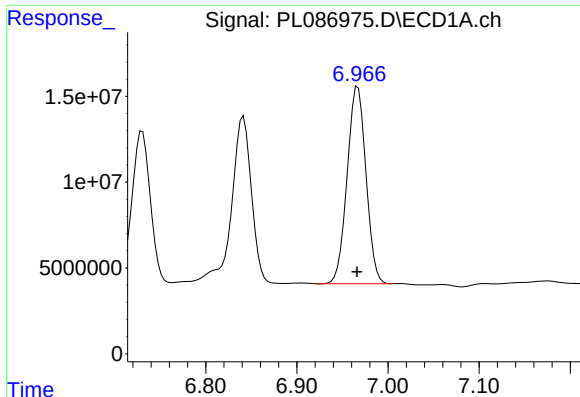
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 122583452
Conc: 57.46 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 43435049
Conc: 62.17 ng/ml



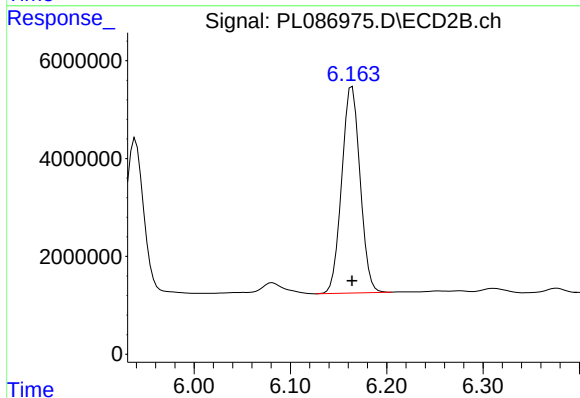
#19 Endosulfan Sulfate

R.T.: 6.967 min
Delta R.T.: 0.000 min
Response: 164859899
Conc: 57.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

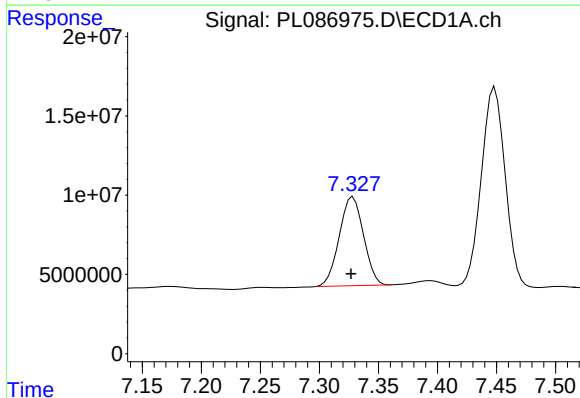
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



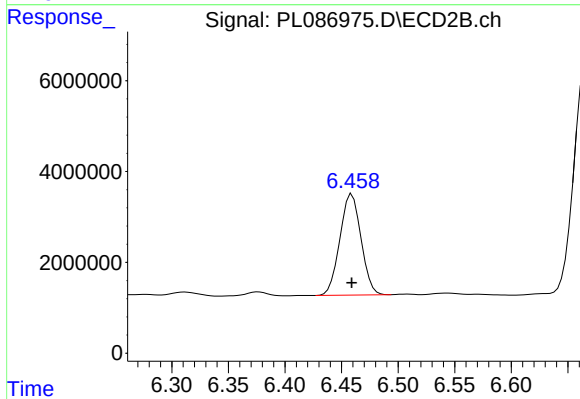
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 55773442
Conc: 58.78 ng/ml



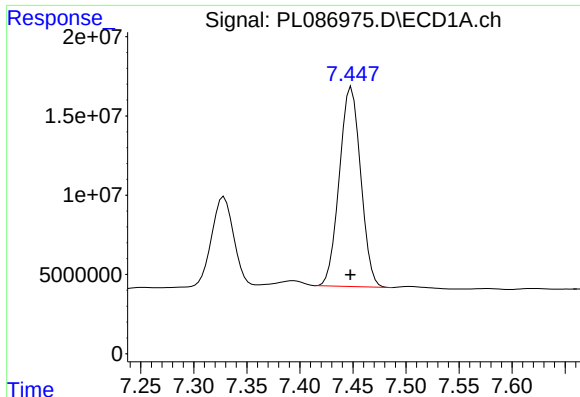
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 80246646
Conc: 60.77 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 28985195
Conc: 56.31 ng/ml



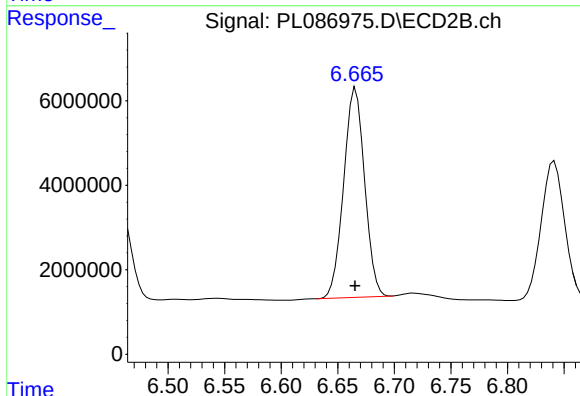
#21 Endrin ketone

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 175998989
Conc: 58.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

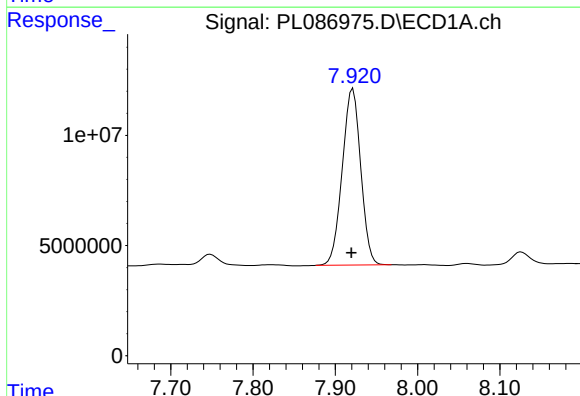
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



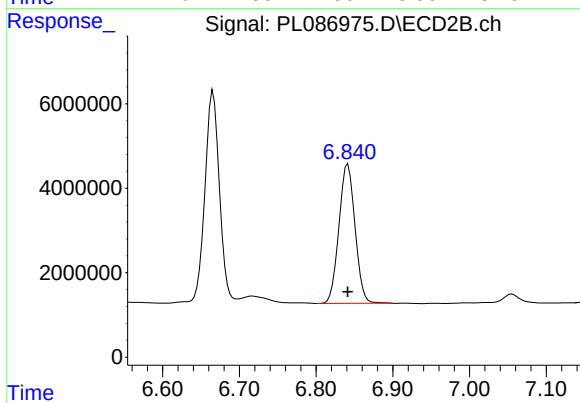
#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 63837783
Conc: 55.92 ng/ml



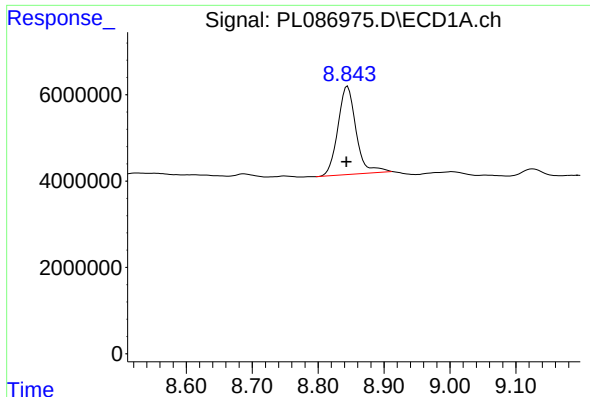
#22 Mirex

R.T.: 7.921 min
Delta R.T.: 0.002 min
Response: 124787751
Conc: 48.79 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 48149953
Conc: 46.39 ng/ml



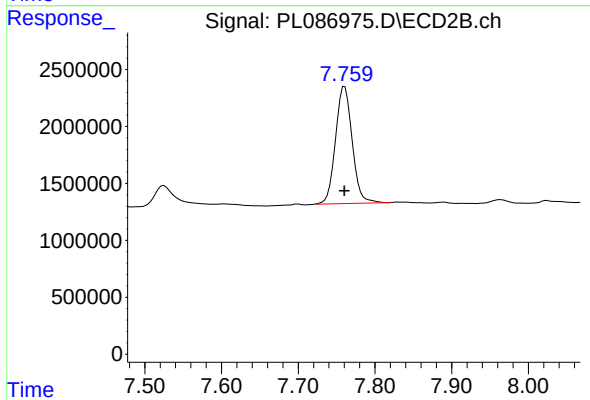
#28 Decachlorobiphenyl

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 39288155
Conc: 14.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MW-06IMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :Ankita Jodhani 12/05/2023



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 15512819
Conc: 14.07 ng/ml