

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 09:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:25:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.421	2.677	203.6E6	84252810	54.091	50.052
2)	SA Decachlor...	8.979	7.863	183.3E6	85192637	53.765	50.441m
Target Compounds							
2)	A alpha-BHC	3.878	3.180	299.9E6	127.4E6	55.393	51.847m
3)	MA gamma-BHC...	4.211	3.512	285.5E6	122.1E6	54.320	50.398
4)	MA Heptachlor	4.803	3.854	280.2E6	115.9E6	52.596m	48.479
5)	MB Aldrin	5.147	4.134	272.8E6	116.8E6	52.401	48.702
6)	B beta-BHC	4.411	3.813	119.0E6	49172769	51.830	47.236
7)	B delta-BHC	4.656	4.042	282.7E6	121.4E6	54.063m	49.647
8)	B Heptachlo...	5.578	4.642	243.0E6	104.1E6	51.572	46.795
9)	A Endosulfan I	5.964	5.013	232.8E6	99596257	52.126	46.084
10)	B gamma-Chl...	5.834	4.895	247.6E6	107.7E6	51.078m	47.104
11)	B alpha-Chl...	5.916	4.959	251.8E6	108.4E6	52.385	46.945
12)	B 4,4'-DDE	6.097	5.158	209.7E6	92414300	50.598	46.544
13)	MA Dieldrin	6.242	5.280	231.9E6	102.7E6	49.969	46.103
14)	MA Endrin	6.471	5.555	195.8E6	99549725	50.903	49.884
15)	B Endosulfa...	6.693	5.853	196.1E6	87403847	48.886	44.891
16)	A 4,4'-DDD	6.617	5.716	172.2E6	78984255	52.092	47.703
17)	MA 4,4'-DDT	6.934	5.969	187.3E6	85758391	49.822	46.498
18)	B Endrin al...	6.824	6.035	143.4E6	66008216	49.463	44.976
19)	B Endosulfa...	7.061	6.260	192.1E6	87802838	48.917	46.609
20)	A Methoxychlor	7.420	6.555	98281767	46949568	50.403	45.966
21)	B Endrin ke...	7.546	6.764	204.3E6	100.9E6	50.224m	47.423m
22)	Mirex	8.024	6.947	165.6E6	82482763	49.160	46.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
Data File : PL087471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2023 09:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

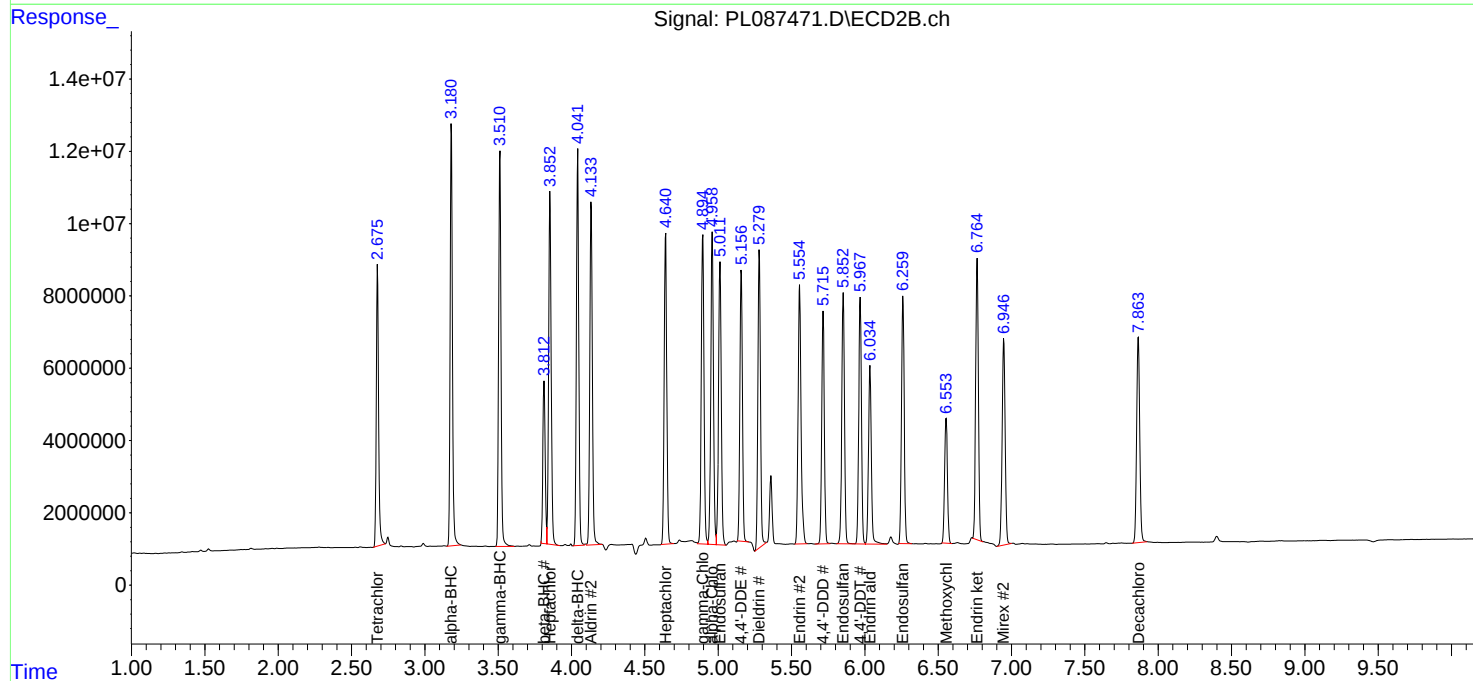
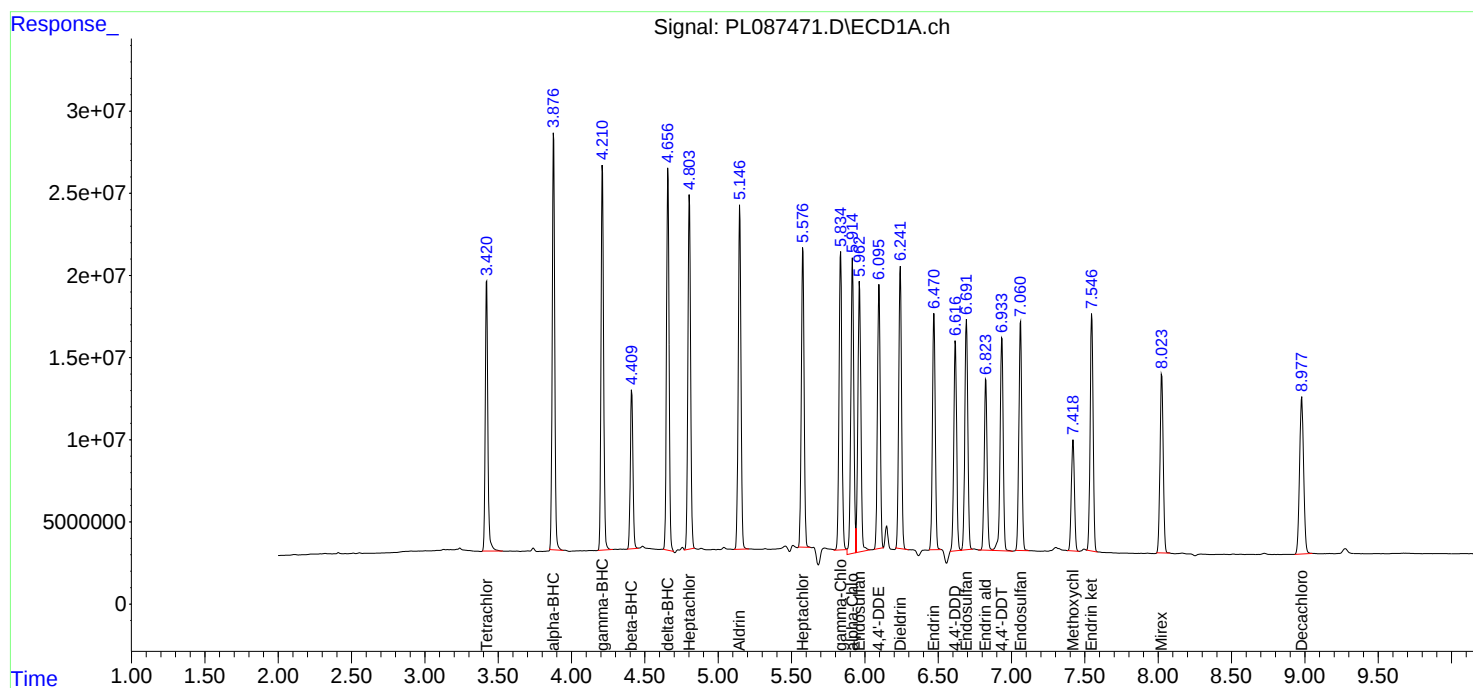
APPROVED

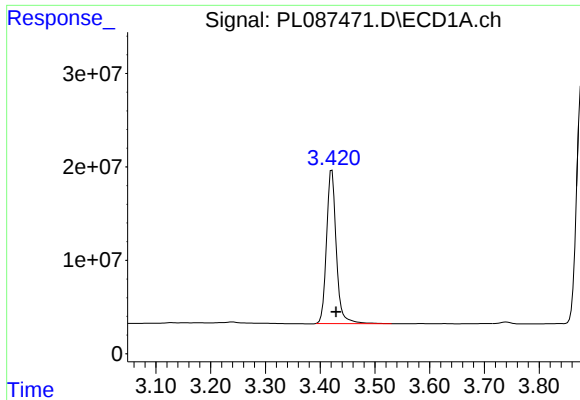
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 20:25:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





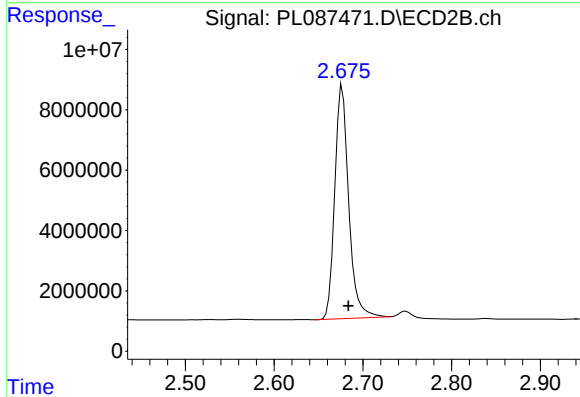
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 203566464
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

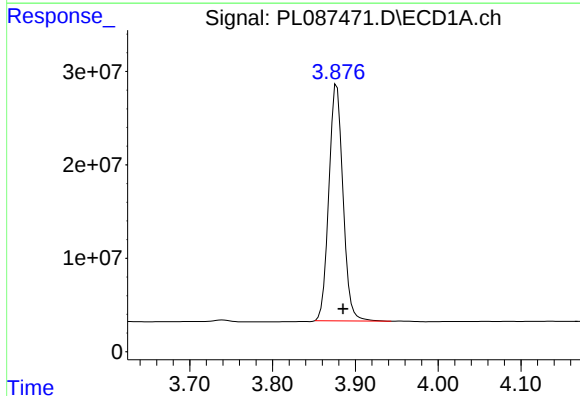
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



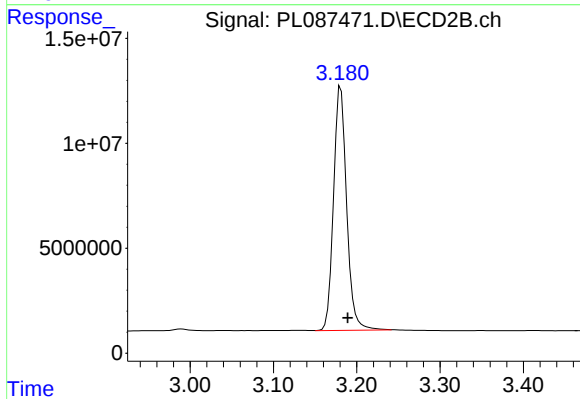
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 84252810
Conc: 50.05 ng/ml



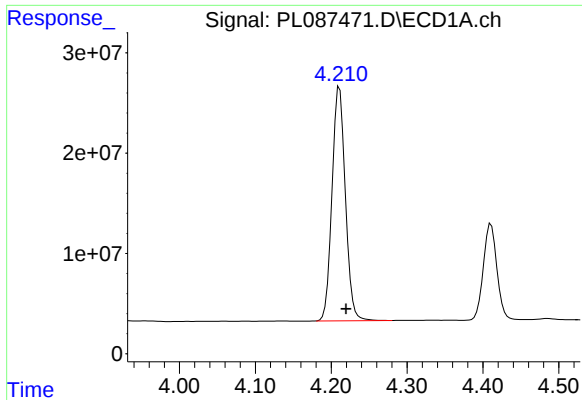
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 299906274
Conc: 55.39 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 127419364
Conc: 51.85 ng/ml m



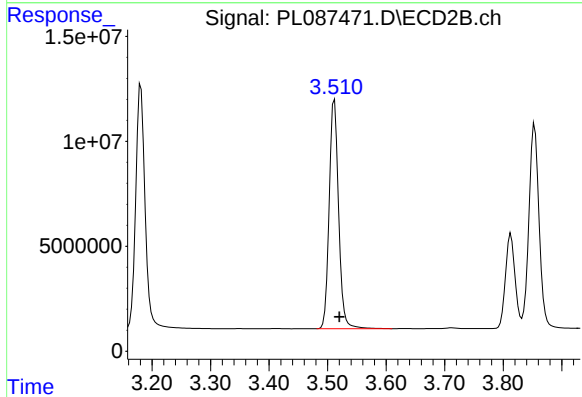
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 285490970
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

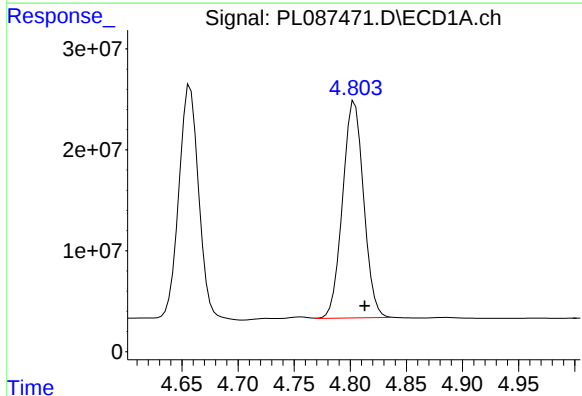
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



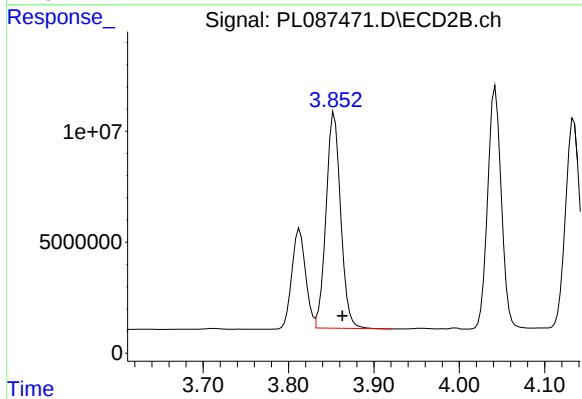
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 122085077
Conc: 50.40 ng/ml



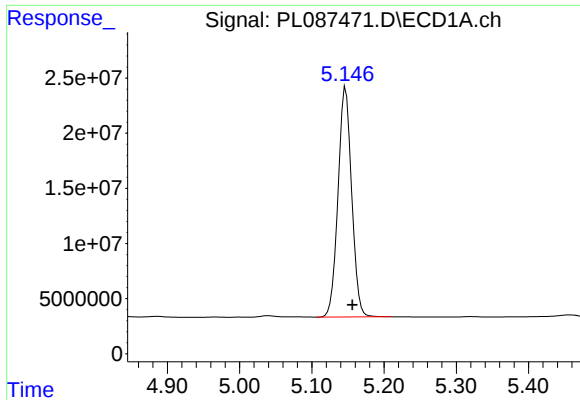
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 280158805
Conc: 52.60 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 115879659
Conc: 48.48 ng/ml



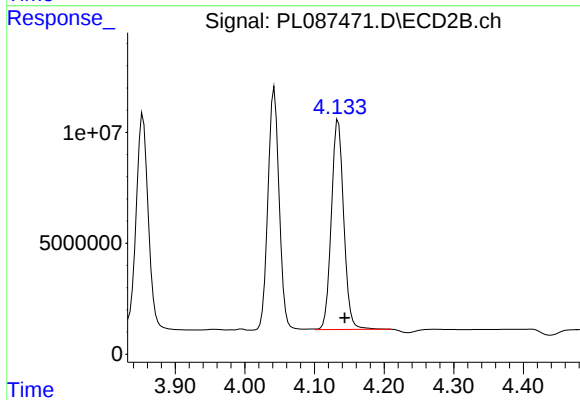
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 272819402
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

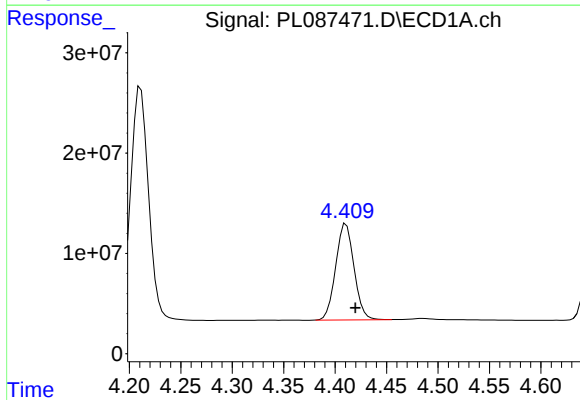
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



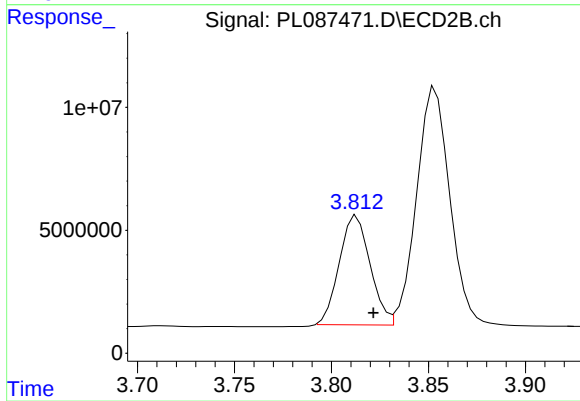
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.009 min
Response: 116776094
Conc: 48.70 ng/ml



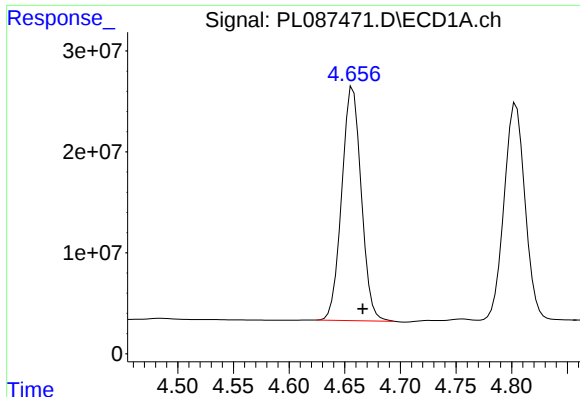
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 119042766
Conc: 51.83 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 49172769
Conc: 47.24 ng/ml



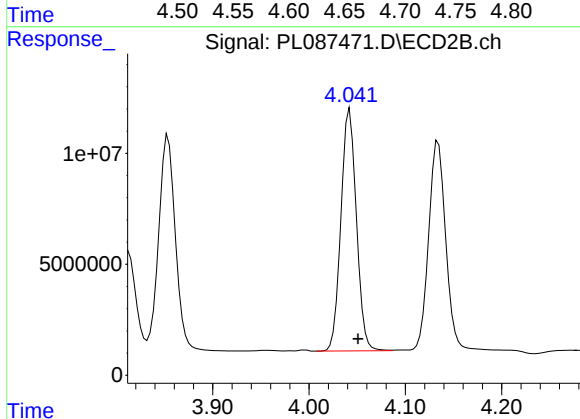
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 282716520
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

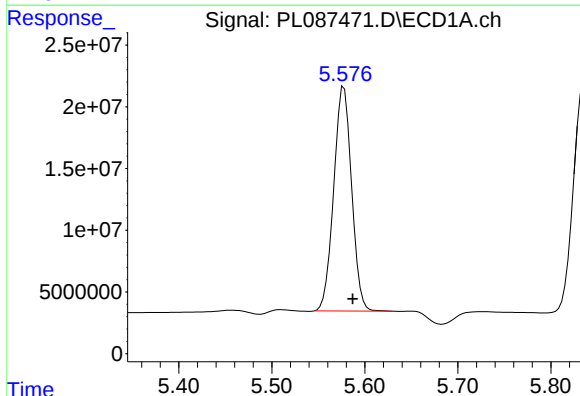
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



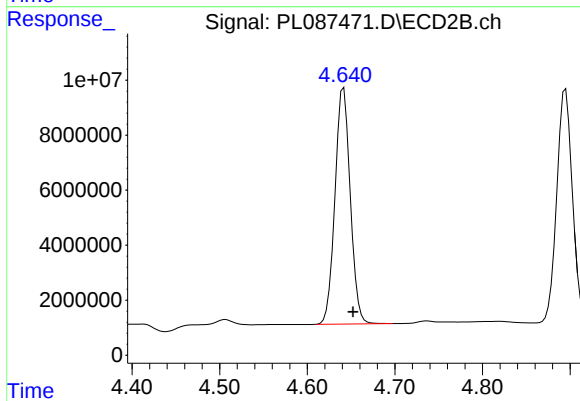
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 121446617
Conc: 49.65 ng/ml



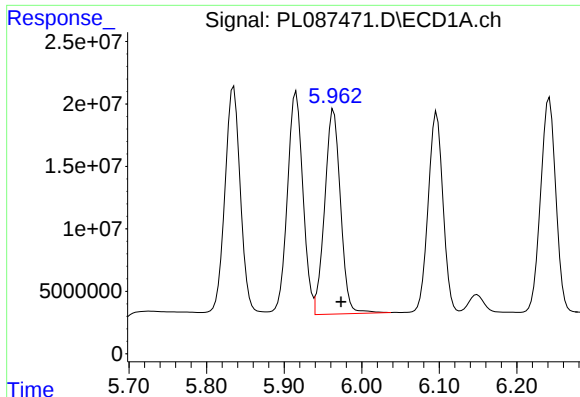
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 243049125
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.011 min
Response: 104133545
Conc: 46.80 ng/ml



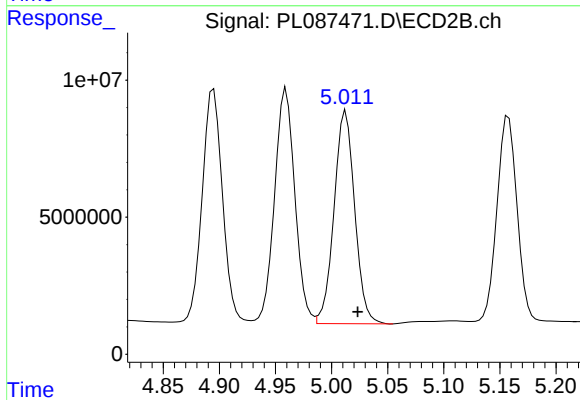
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.010 min
Response: 232810630
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

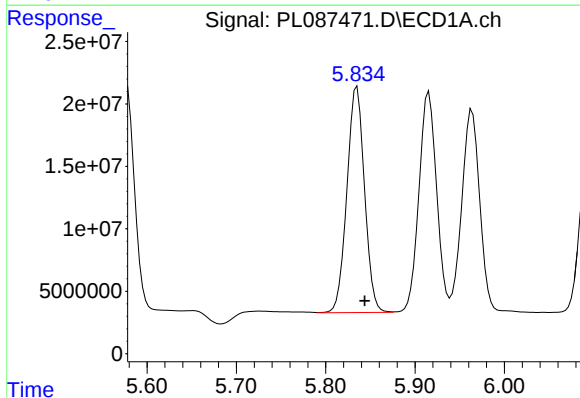
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



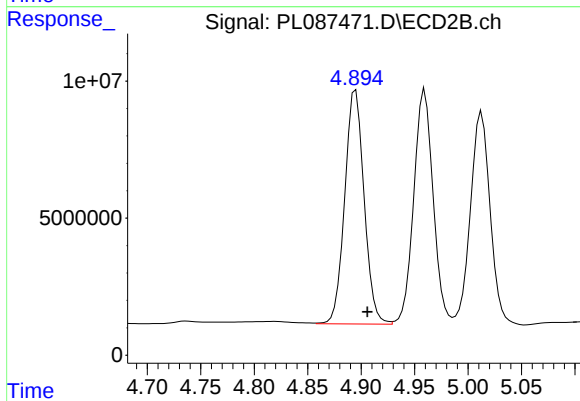
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.011 min
Response: 99596257
Conc: 46.08 ng/ml



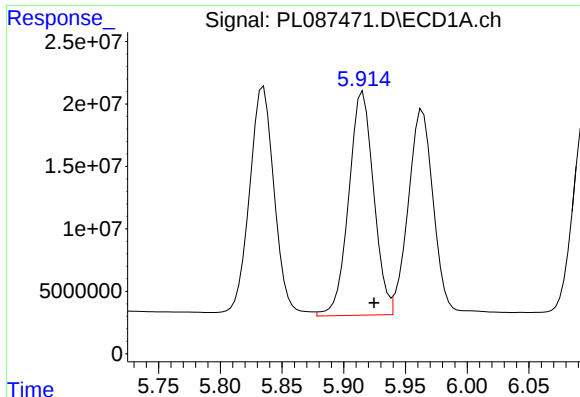
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 247626351
Conc: 51.08 ng/ml m



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 107742889
Conc: 47.10 ng/ml



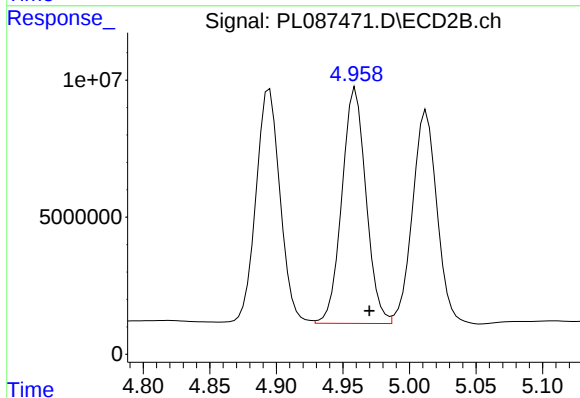
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 251769653
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

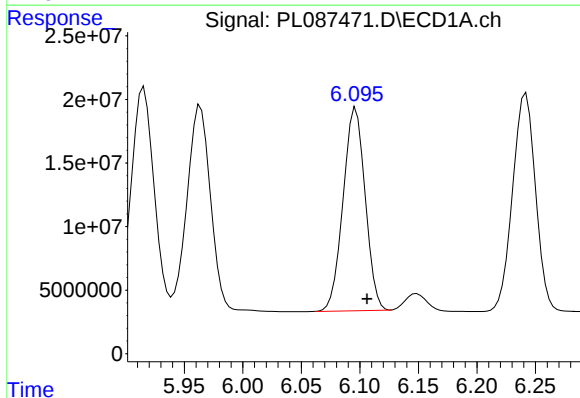
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



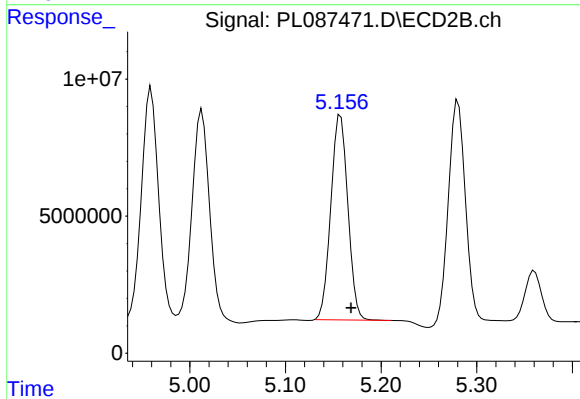
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 108350484
Conc: 46.95 ng/ml



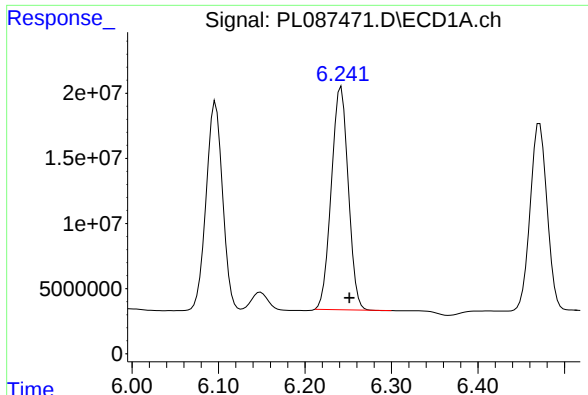
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.010 min
Response: 209679451
Conc: 50.60 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: 92414300
Conc: 46.54 ng/ml



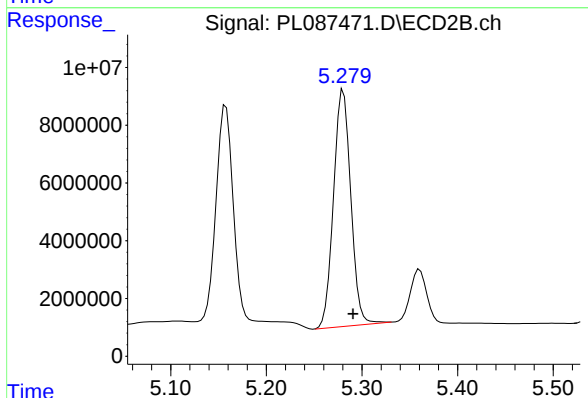
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 231901216
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

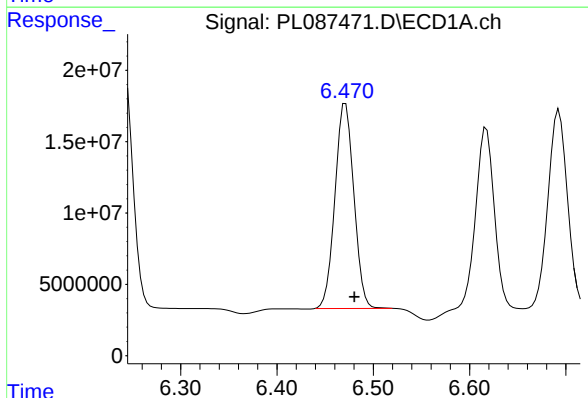
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



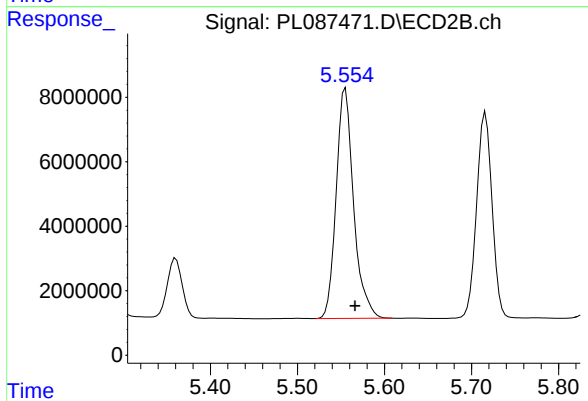
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.010 min
Response: 102707498
Conc: 46.10 ng/ml



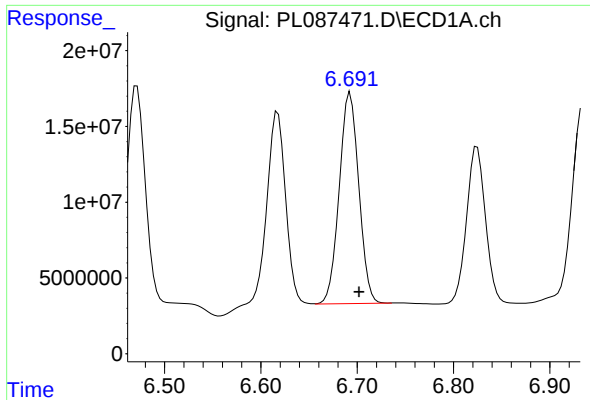
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 195842749
Conc: 50.90 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 99549725
Conc: 49.88 ng/ml



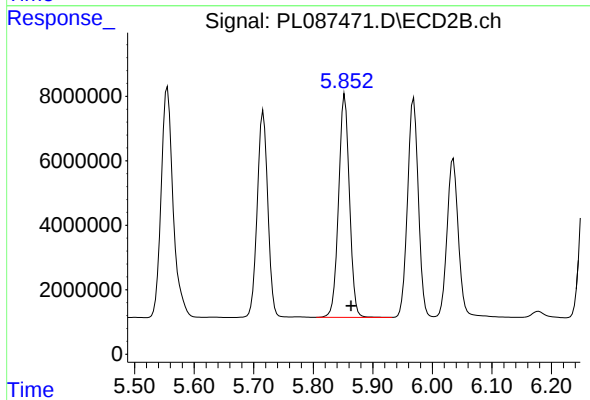
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 196050423
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

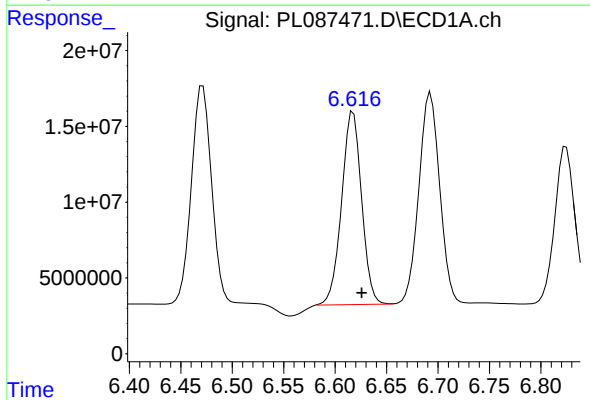
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



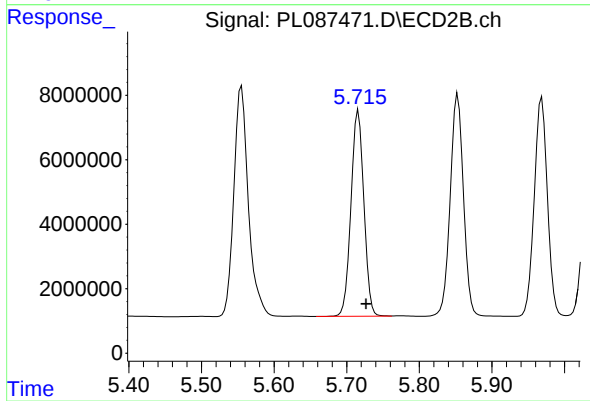
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 87403847
Conc: 44.89 ng/ml



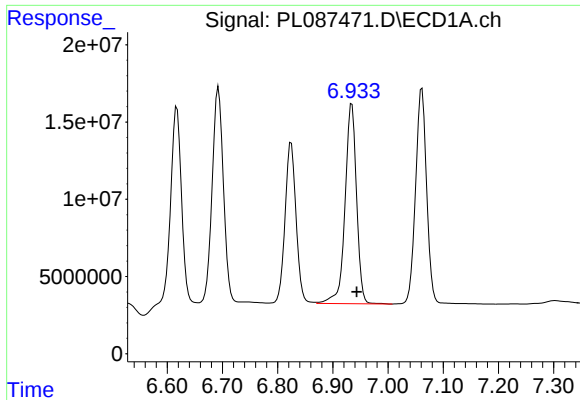
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.008 min
Response: 172169781
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 78984255
Conc: 47.70 ng/ml



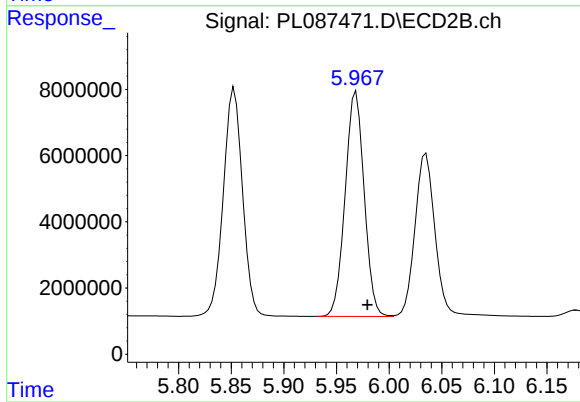
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 187341781
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

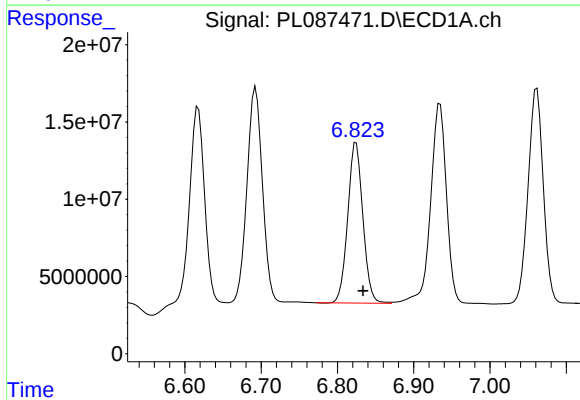
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



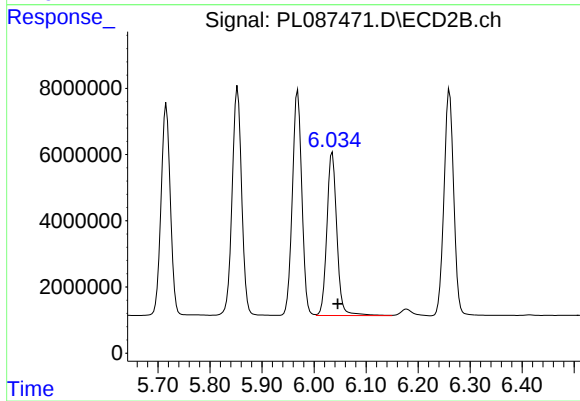
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.011 min
Response: 85758391
Conc: 46.50 ng/ml



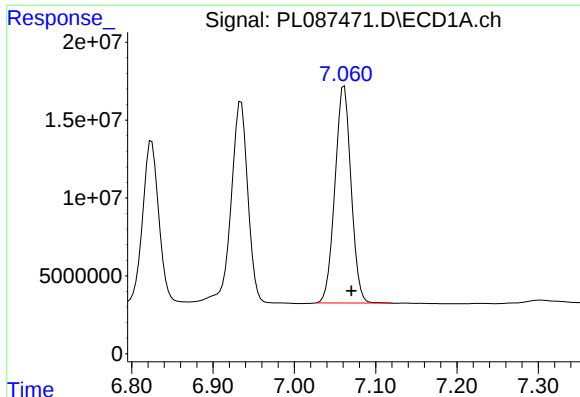
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.009 min
Response: 143361011
Conc: 49.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 66008216
Conc: 44.98 ng/ml



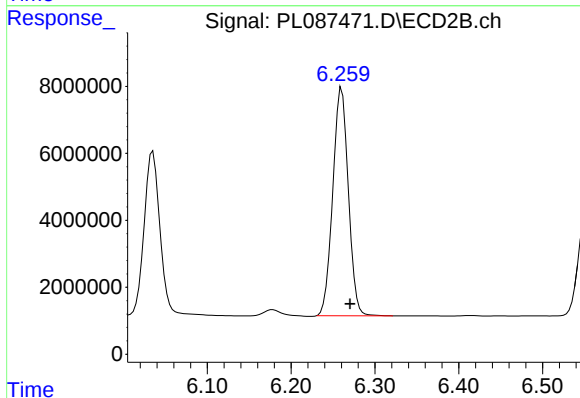
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 192090401
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

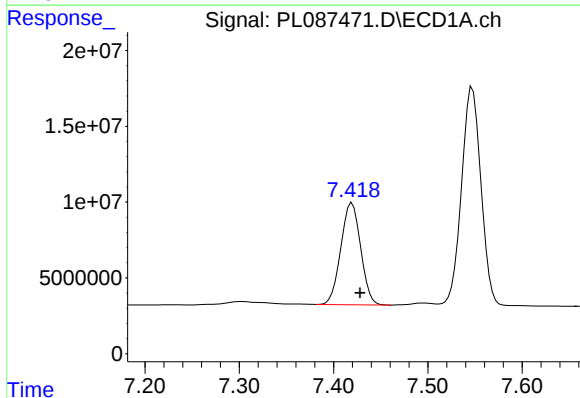
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



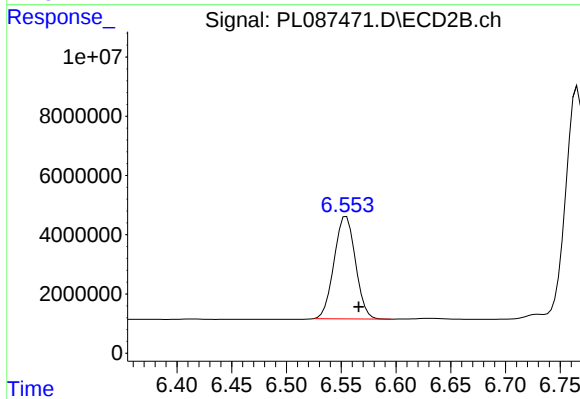
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.010 min
Response: 87802838
Conc: 46.61 ng/ml



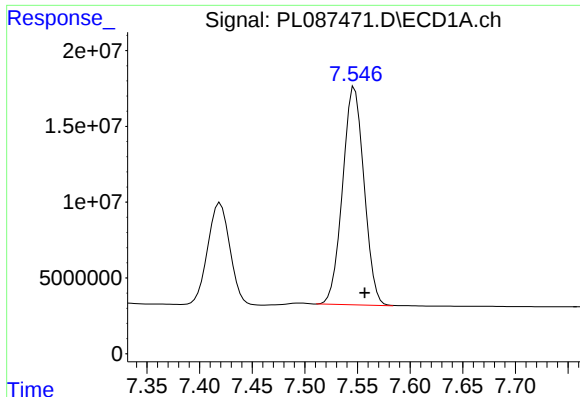
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 98281767
Conc: 50.40 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 46949568
Conc: 45.97 ng/ml



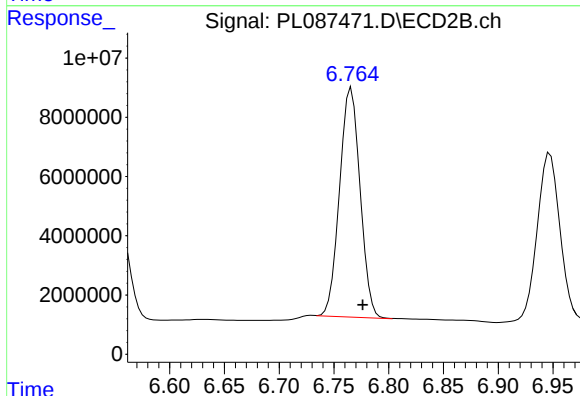
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 204326122
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

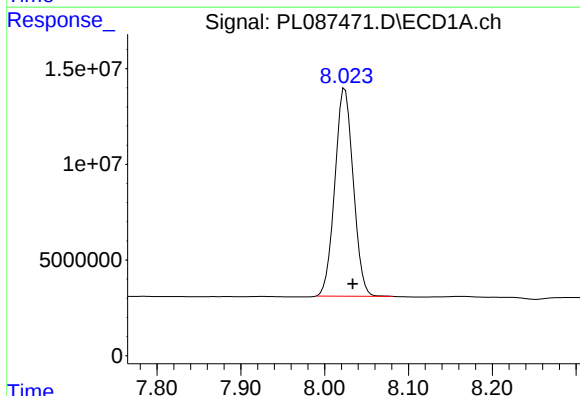
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



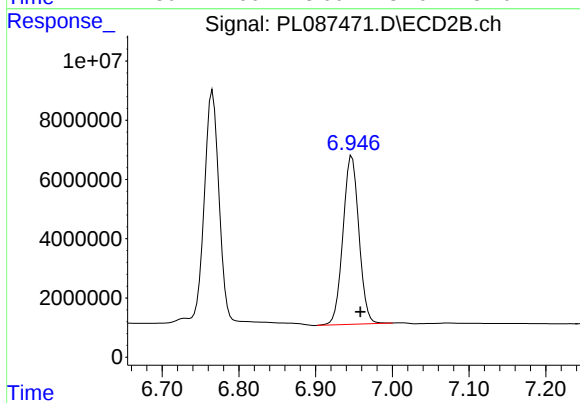
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 100948887
Conc: 47.42 ng/ml m



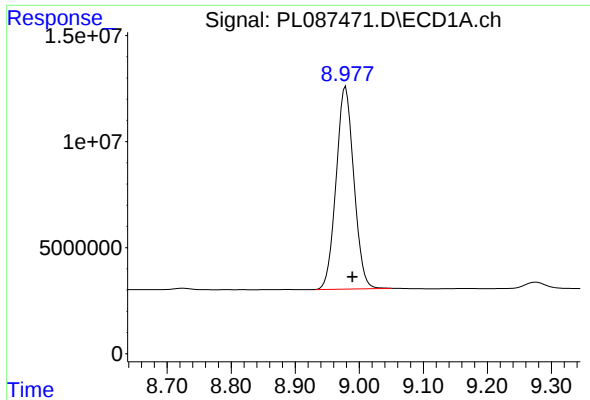
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 165571321
Conc: 49.16 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.011 min
Response: 82482763
Conc: 46.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min

Delta R.T.: -0.011 min

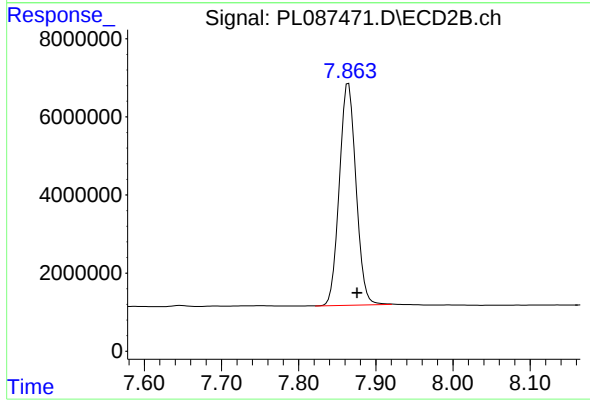
Response: 183334737

Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.863 min

Delta R.T.: -0.012 min

Response: 85192637

Conc: 50.44 ng/ml m