

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
 Data File : PL082701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 17:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:27:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.642	133.5E6	117.3E6	49.967	50.643
28)	SA Decachlor...	8.735	7.747	90279105	98936675	47.289	43.346m
Target Compounds							
2)	A alpha-BHC	3.768	3.138	202.5E6	172.2E6	50.876	50.598
3)	MA gamma-BHC...	4.096	3.465	188.9E6	158.4E6	50.528	49.256
4)	MA Heptachlor	4.674	3.796	186.2E6	159.3E6	50.962	46.531
5)	MB Aldrin	5.010	4.071	168.2E6	148.4E6	50.997	47.119m
6)	B beta-BHC	4.299	3.764	84023528	72444984	49.266	53.097m
7)	B delta-BHC	4.540	3.991	180.5E6	157.9E6	50.158	51.464
8)	B Heptachlo...	5.436	4.574	145.8E6	137.6E6	47.804	47.746
9)	A Endosulfan I	5.817	4.941	136.3E6	128.6E6	49.158	48.163
10)	B gamma-Chl...	5.691	4.822	149.1E6	139.4E6	49.579	48.027
11)	B alpha-Chl...	5.768	4.885	146.1E6	138.7E6	48.940	47.781
12)	B 4,4'-DDE	5.947	5.075	130.3E6	117.9E6	51.269	51.273m
13)	MA Dieldrin	6.091	5.204	138.7E6	129.6E6	50.255	47.997m
14)	MA Endrin	6.318	5.478	123.4E6	116.1E6	50.878	47.481m
15)	B Endosulfa...	6.541	5.776	112.9E6	105.3E6	46.390	46.715
16)	A 4,4'-DDD	6.462	5.630	105.0E6	93831918	51.807	50.167
17)	MA 4,4'-DDT	6.774	5.878	111.2E6	101.9E6	48.610	48.255
18)	B Endrin al...	6.671	5.955	91374318	85942496	48.496	45.925
19)	B Endosulfa...	6.905	6.178	113.9E6	109.4E6	48.010	46.471
20)	A Methoxychlor	7.254	6.456	57149760	57330651	46.831	47.309m
21)	B Endrin ke...	7.383	6.681	114.3E6	114.6E6	47.738m	45.149m
22)	Mirex	7.848	6.852	89665836	97960979	45.834	42.513m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
Data File : PL082701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2023 17:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

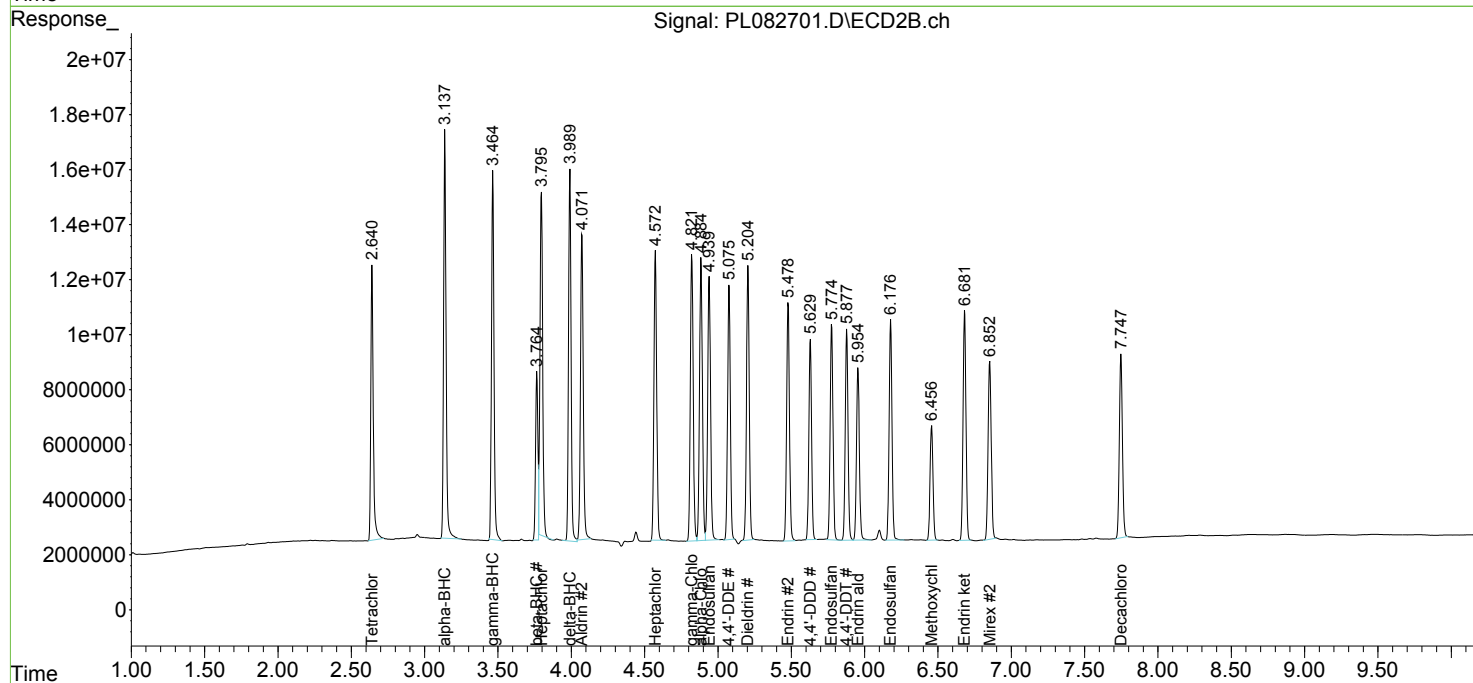
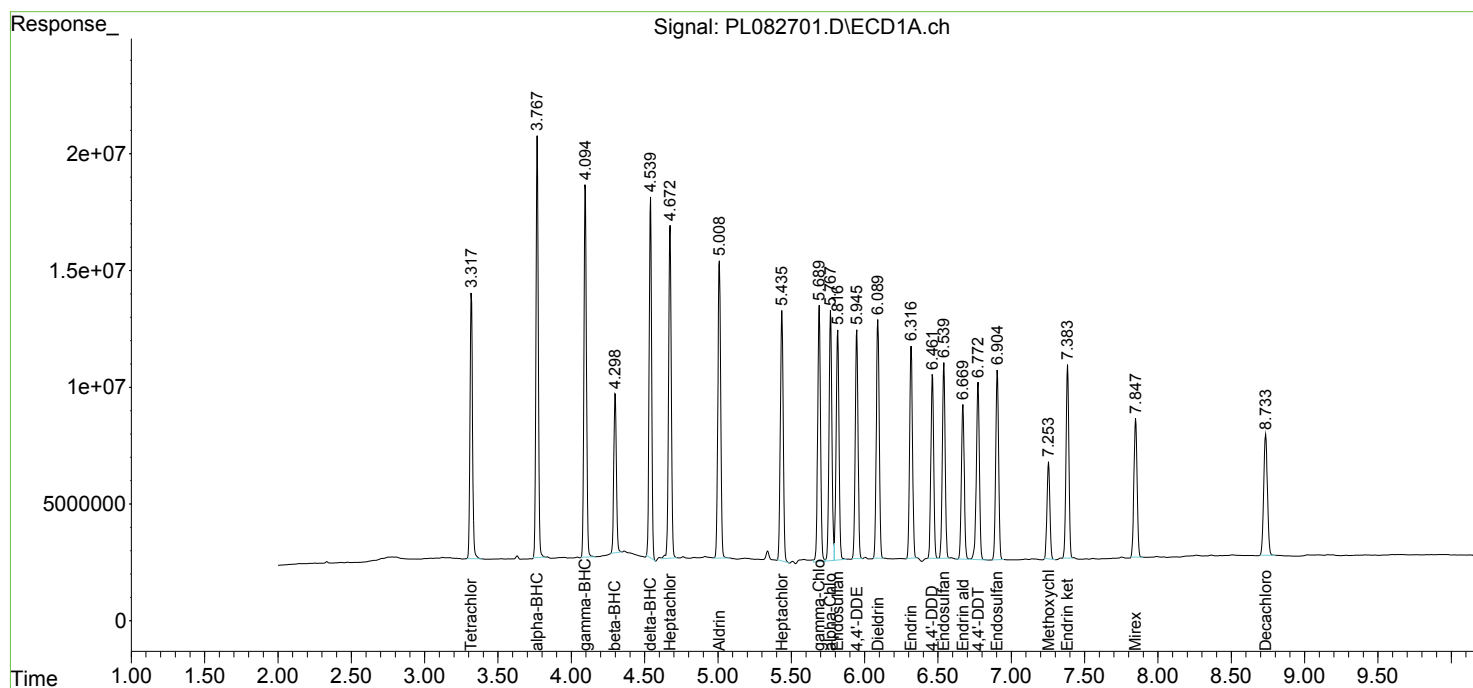
APPROVED

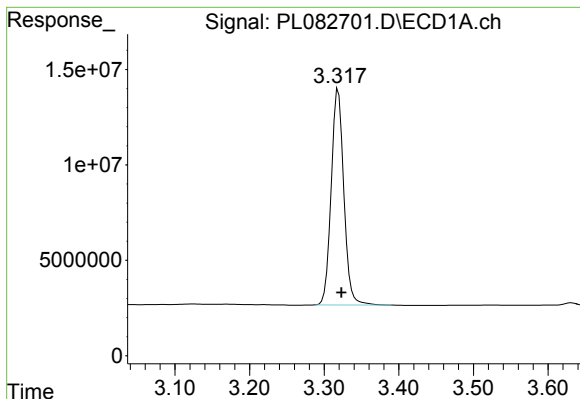
Reviewed By :Abdul Mirza 05/15/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 23:27:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





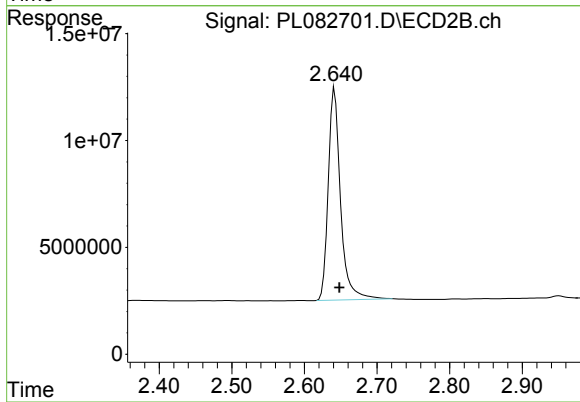
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 133472675
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

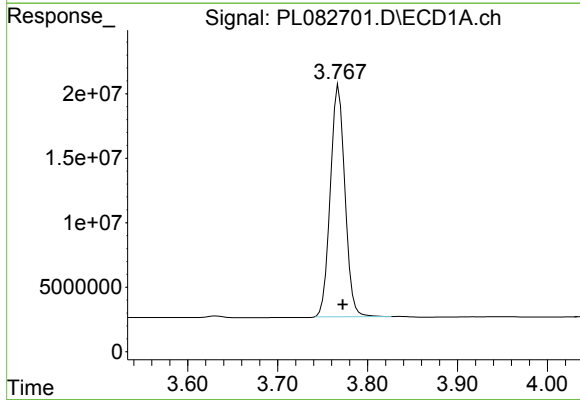
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



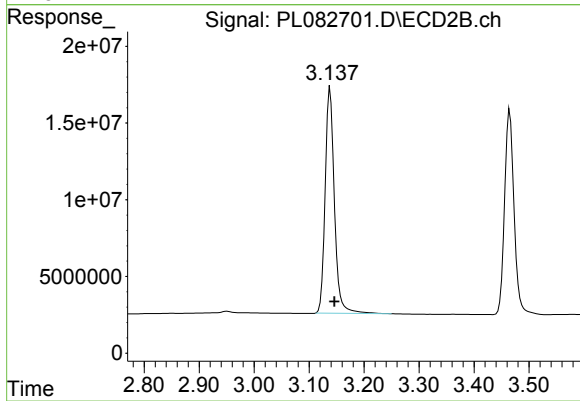
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.007 min
Response: 117325374
Conc: 50.64 ng/ml



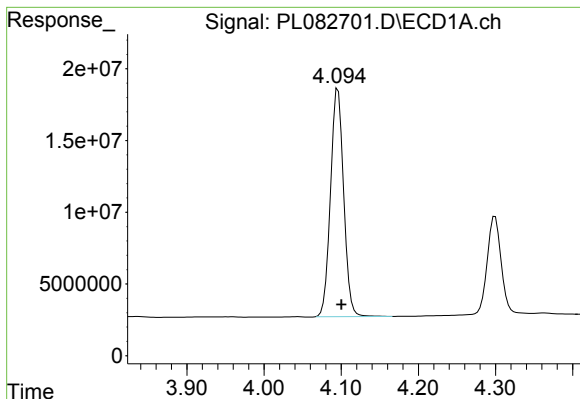
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 202498300
Conc: 50.88 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 172209332
Conc: 50.60 ng/ml



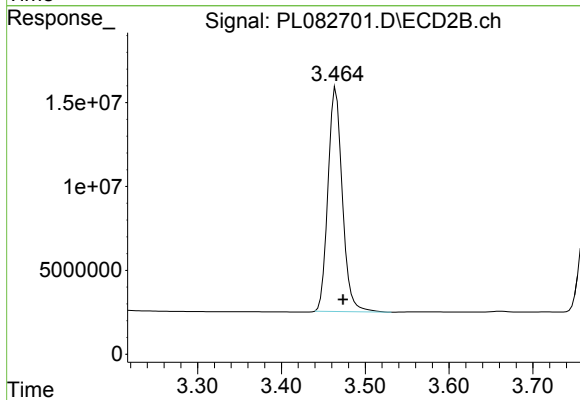
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 188919981
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

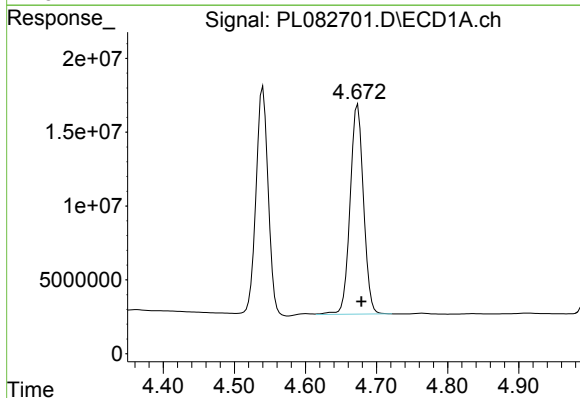
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



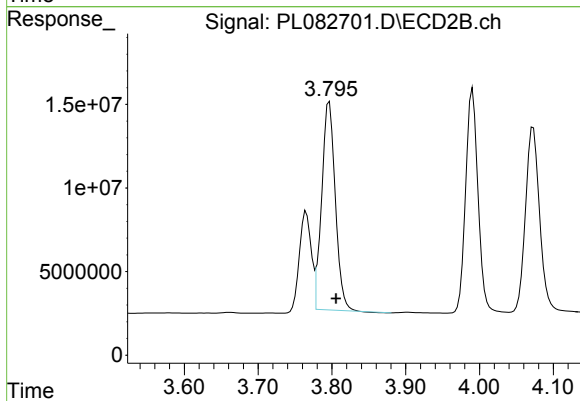
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 158372226
Conc: 49.26 ng/ml



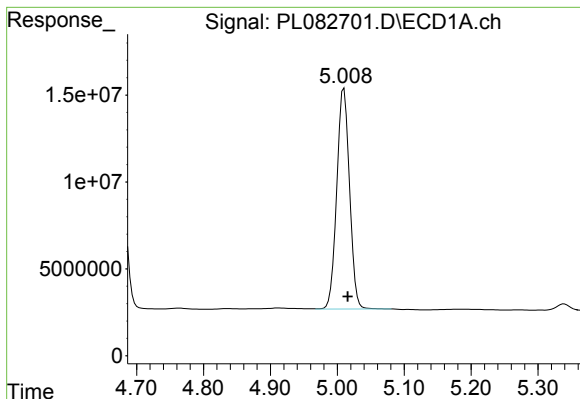
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 186211245
Conc: 50.96 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.009 min
Response: 159286605
Conc: 46.53 ng/ml



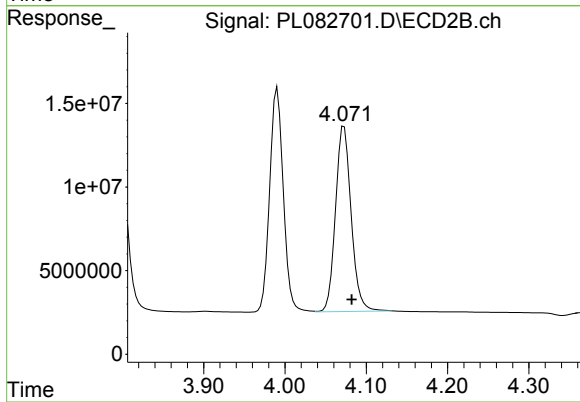
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 168168037
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

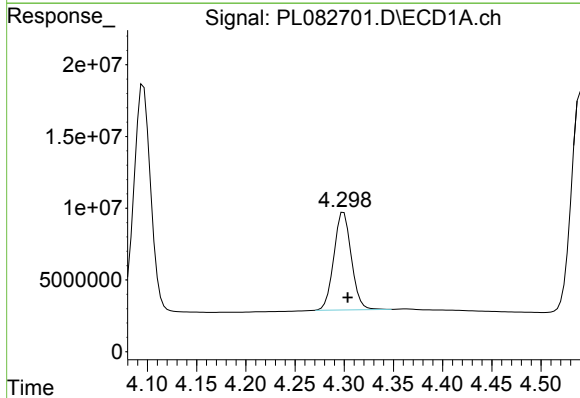
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



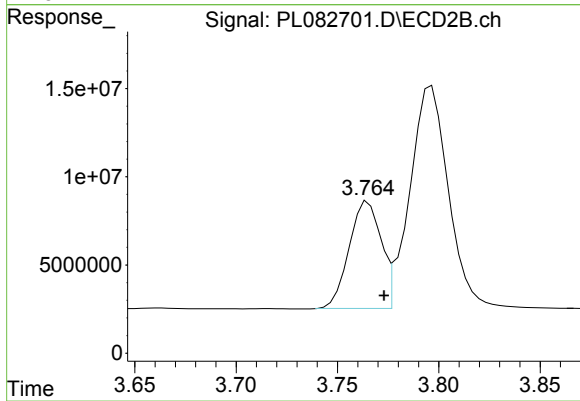
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 148419391
Conc: 47.12 ng/ml m



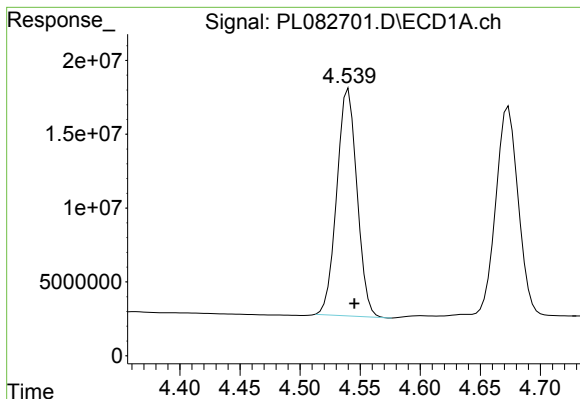
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 84023528
Conc: 49.27 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 72444984
Conc: 53.10 ng/ml m



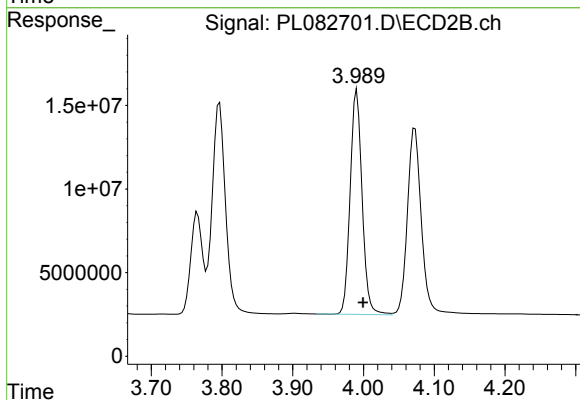
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 180458267
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

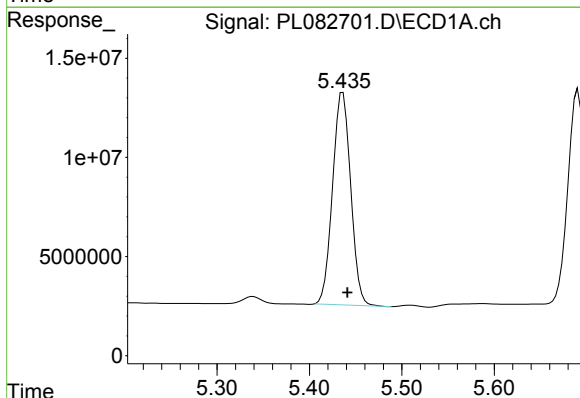
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



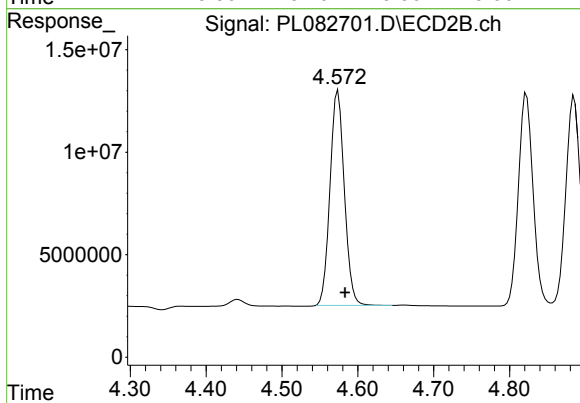
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 157860888
Conc: 51.46 ng/ml



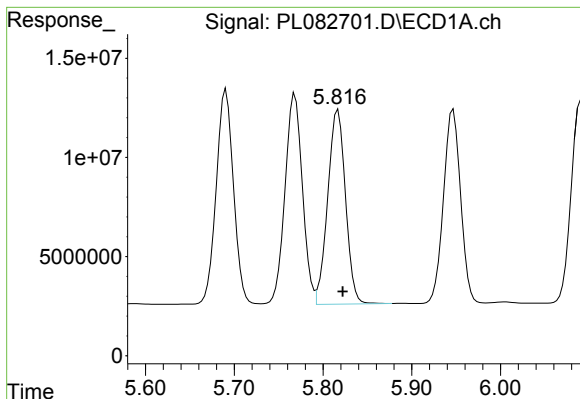
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 145819299
Conc: 47.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 137550896
Conc: 47.75 ng/ml



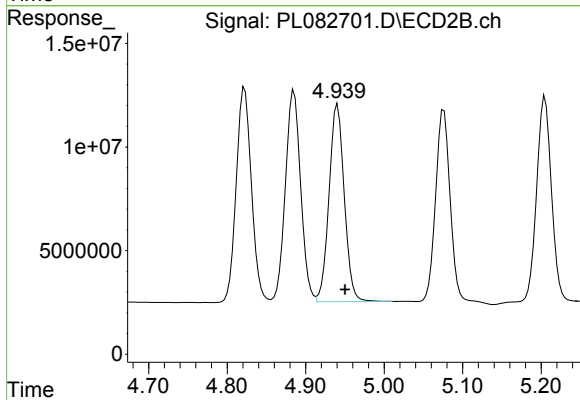
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 136301973
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

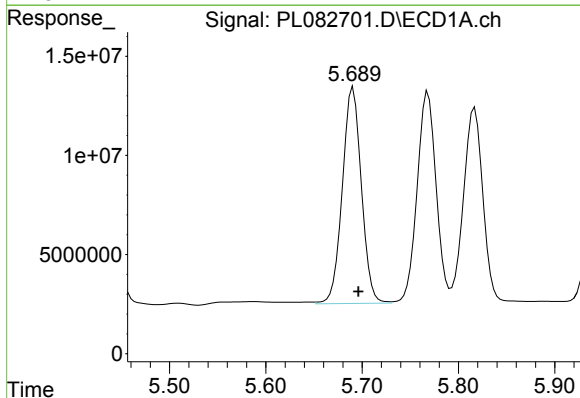
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



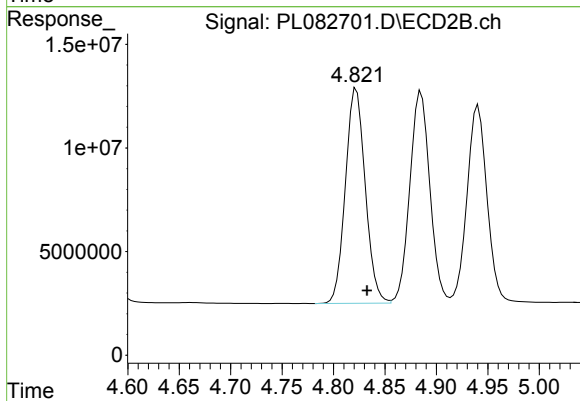
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 128567091
Conc: 48.16 ng/ml



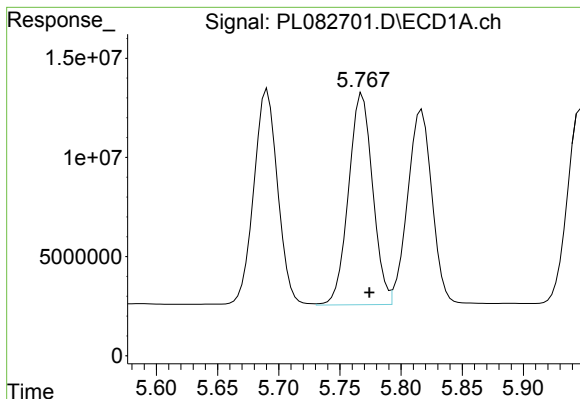
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 149077479
Conc: 49.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 139366206
Conc: 48.03 ng/ml



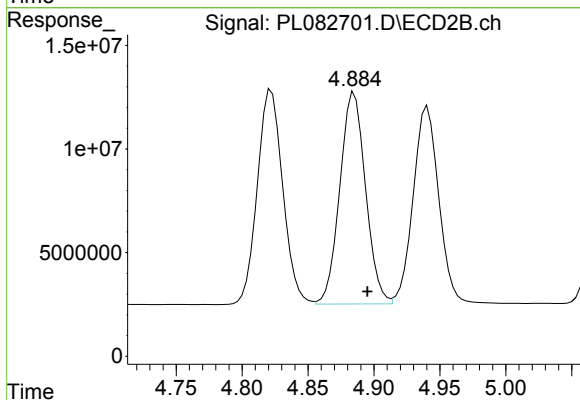
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 146067769
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

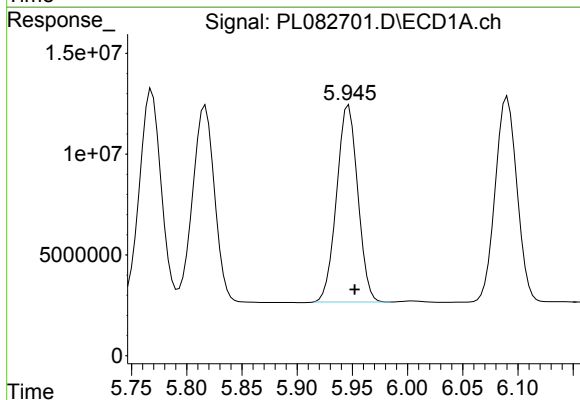
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



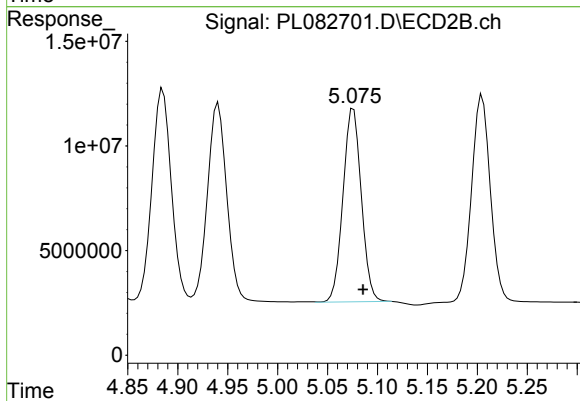
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 138699898
Conc: 47.78 ng/ml



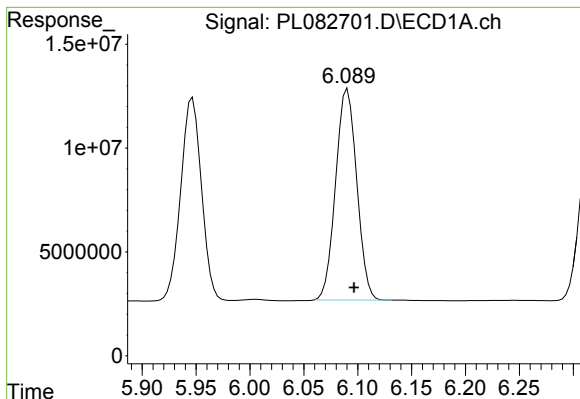
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 130327793
Conc: 51.27 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 117875084
Conc: 51.27 ng/ml m



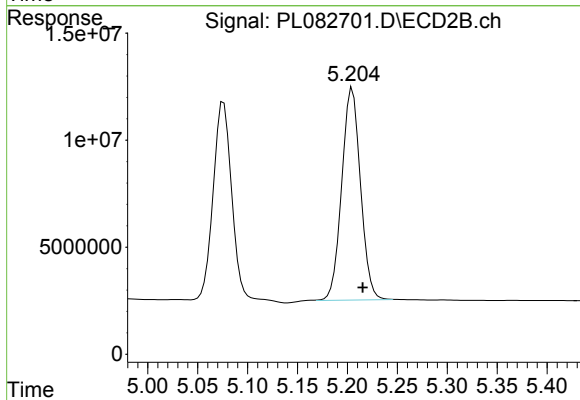
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 138658628
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

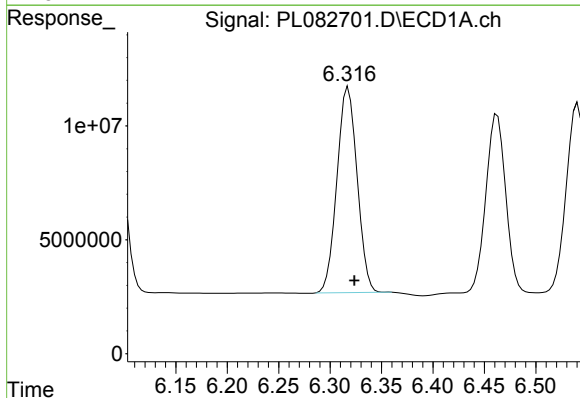
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



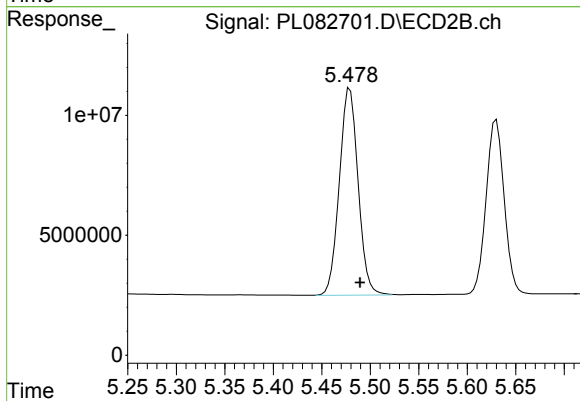
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 129610805
Conc: 48.00 ng/ml m



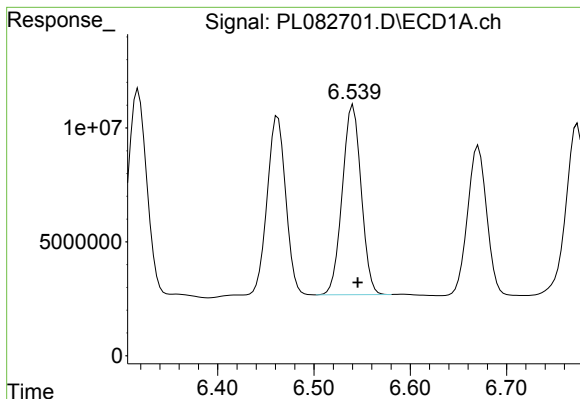
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 123356279
Conc: 50.88 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 116136244
Conc: 47.48 ng/ml m



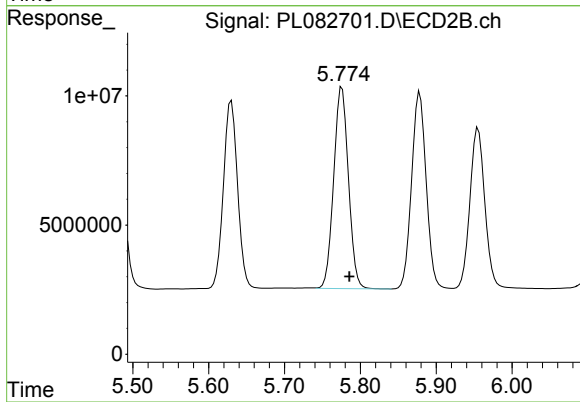
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 112938944
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

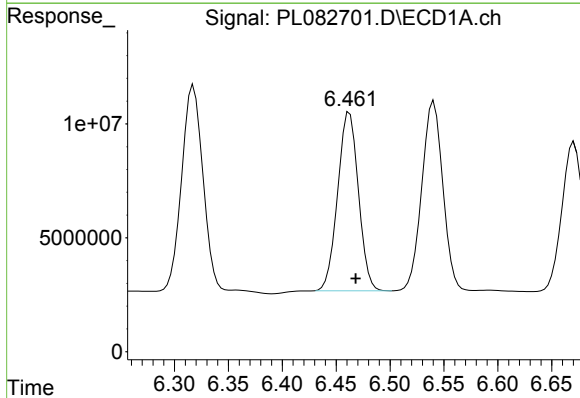
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



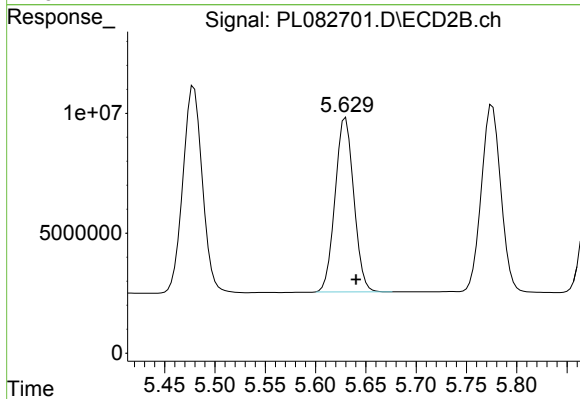
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 105300423
Conc: 46.71 ng/ml



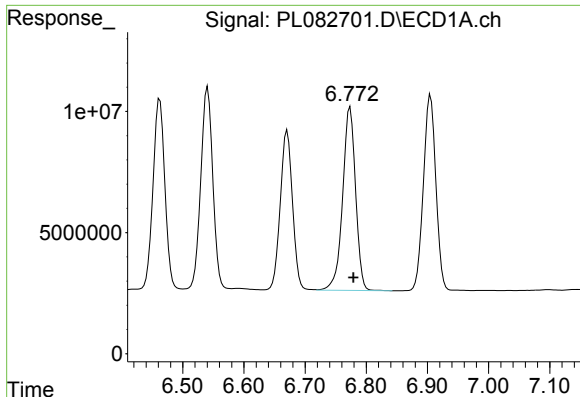
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 105023548
Conc: 51.81 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 93831918
Conc: 50.17 ng/ml



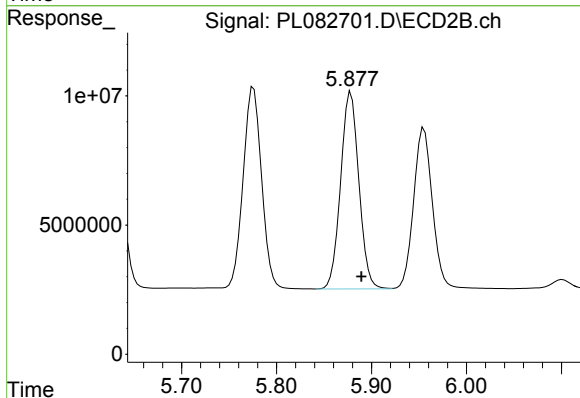
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 111206227
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

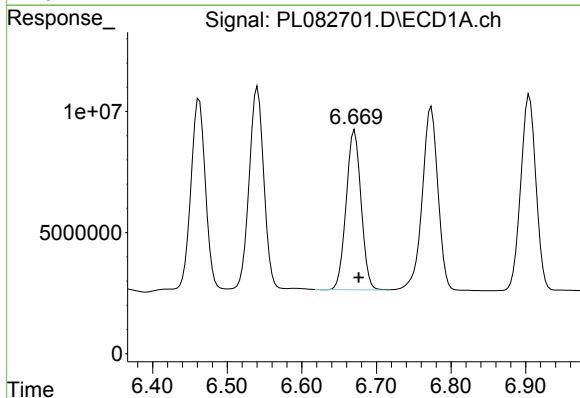
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



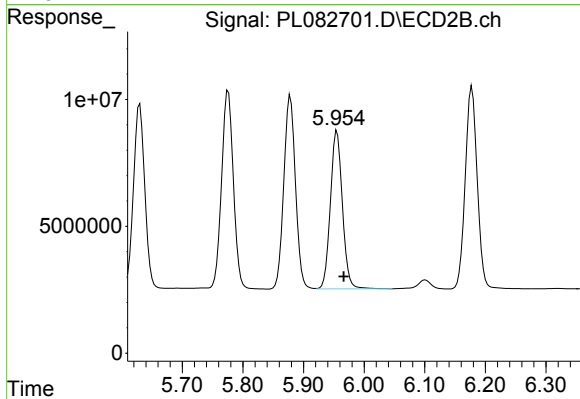
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 101942149
Conc: 48.25 ng/ml



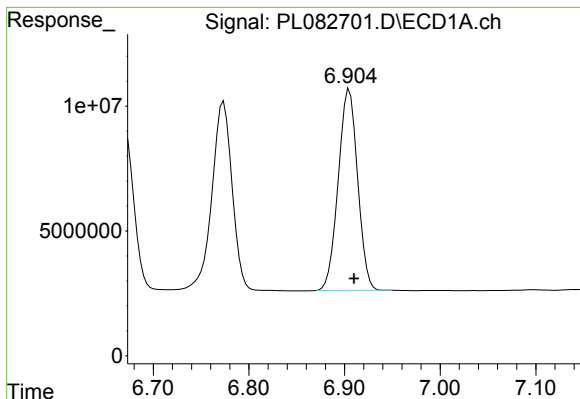
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 91374318
Conc: 48.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 85942496
Conc: 45.92 ng/ml



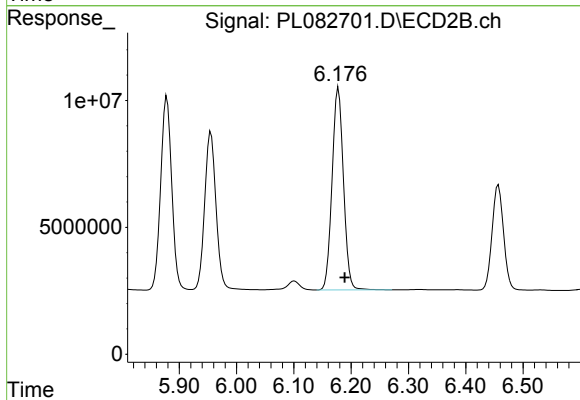
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 113856546
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

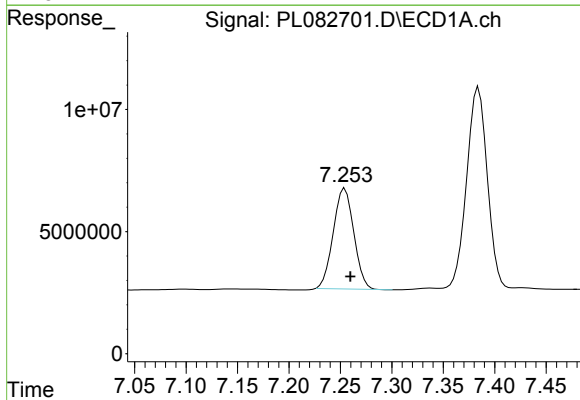
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



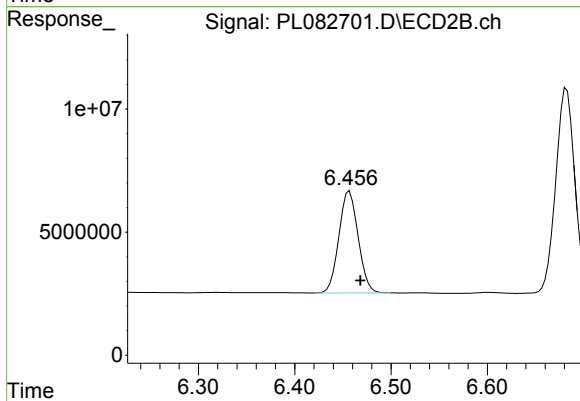
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 109404913
Conc: 46.47 ng/ml



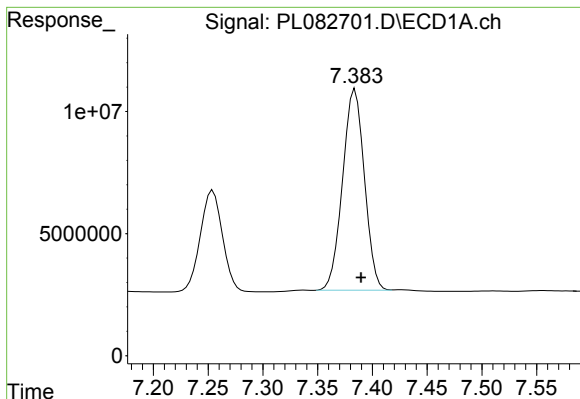
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 57149760
Conc: 46.83 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.013 min
Response: 57330651
Conc: 47.31 ng/ml m



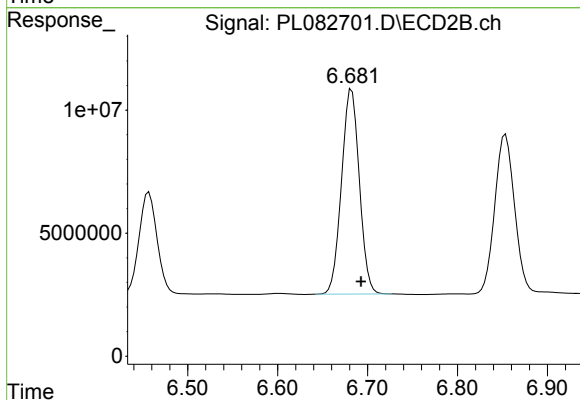
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 114303045
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

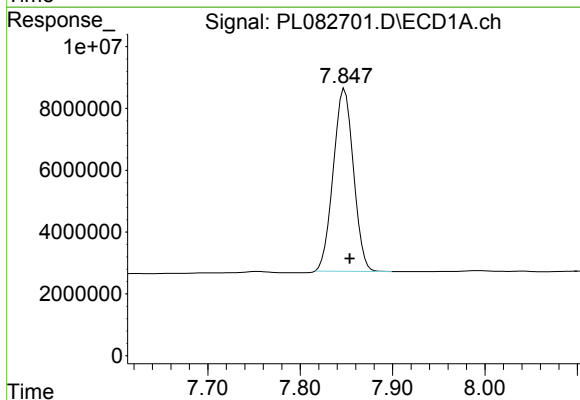
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



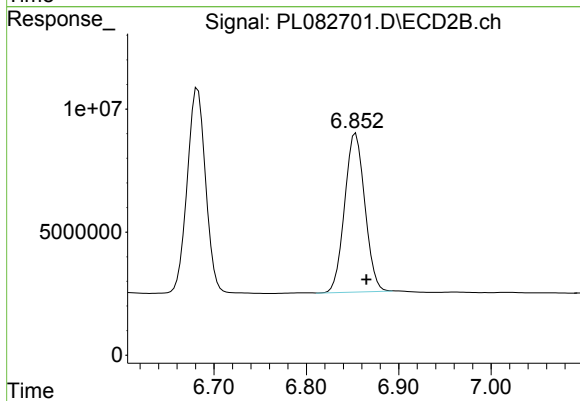
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 114596828
Conc: 45.15 ng/ml m



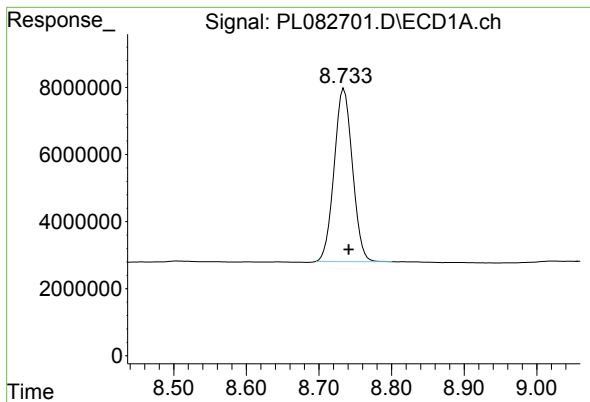
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 89665836
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 97960979
Conc: 42.51 ng/ml m



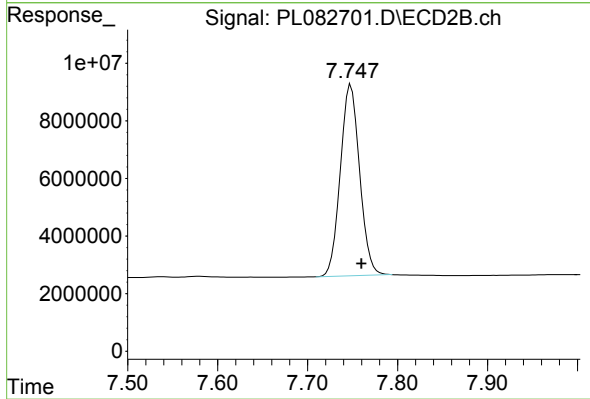
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 90279105
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2023
Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 98936675
Conc: 43.35 ng/ml m