

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 10:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2023
 Supervised By : Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:03:23 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...	3.329	2.640	137.2E6	112.4E6	51.352	48.508
28)	SA Decachlor...	8.753	7.757	100.3E6	111.8E6	52.522	48.986
Target Compounds							
2)	A alpha-BHC	3.779	3.138	211.8E6	164.3E6	53.216	48.266
3)	MA gamma-BHC...	4.108	3.466	195.9E6	151.9E6	52.389	47.258
4)	MA Heptachlor	4.686	3.798	187.6E6	161.1E6	51.349	47.067
5)	MB Aldrin	5.023	4.075	173.0E6	157.1E6	52.460	49.883
6)	B beta-BHC	4.312	3.766	84850766	64038218	49.751	46.935
7)	B delta-BHC	4.553	3.993	192.9E6	151.9E6	53.604	49.516
8)	B Heptachlo...	5.450	4.577	160.1E6	138.5E6	52.471	48.062
9)	A Endosulfan I	5.830	4.944	147.1E6	130.0E6	53.045	48.713
10)	B gamma-Chl...	5.704	4.826	167.4E6	142.1E6	55.684	48.963
11)	B alpha-Chl...	5.782	4.889	158.7E6	141.2E6	53.171	48.649
12)	B 4,4'-DDE	5.961	5.079	138.5E6	120.5E6	54.487	52.428
13)	MA Dieldrin	6.105	5.208	147.2E6	131.2E6	53.360	48.601
14)	MA Endrin	6.332	5.482	123.1E6	116.2E6	50.778	47.518m
15)	B Endosulfa...	6.555	5.781	120.1E6	112.2E6	49.330	49.785
16)	A 4,4'-DDD	6.477	5.635	115.6E6	102.4E6	57.003	54.762
17)	MA 4,4'-DDT	6.788	5.884	113.9E6	102.6E6	49.778	48.573
18)	B Endrin al...	6.685	5.961	99373701	92653904	52.741	49.511
19)	B Endosulfa...	6.919	6.184	125.2E6	116.3E6	52.780	49.396
20)	A Methoxychlor	7.270	6.464	59580856	56010854	48.824	46.220
21)	B Endrin ke...	7.399	6.687	129.2E6	131.2E6	53.977	51.672m
22)	Mirex	7.863	6.859	100.2E6	111.4E6	51.218	48.359m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 10:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

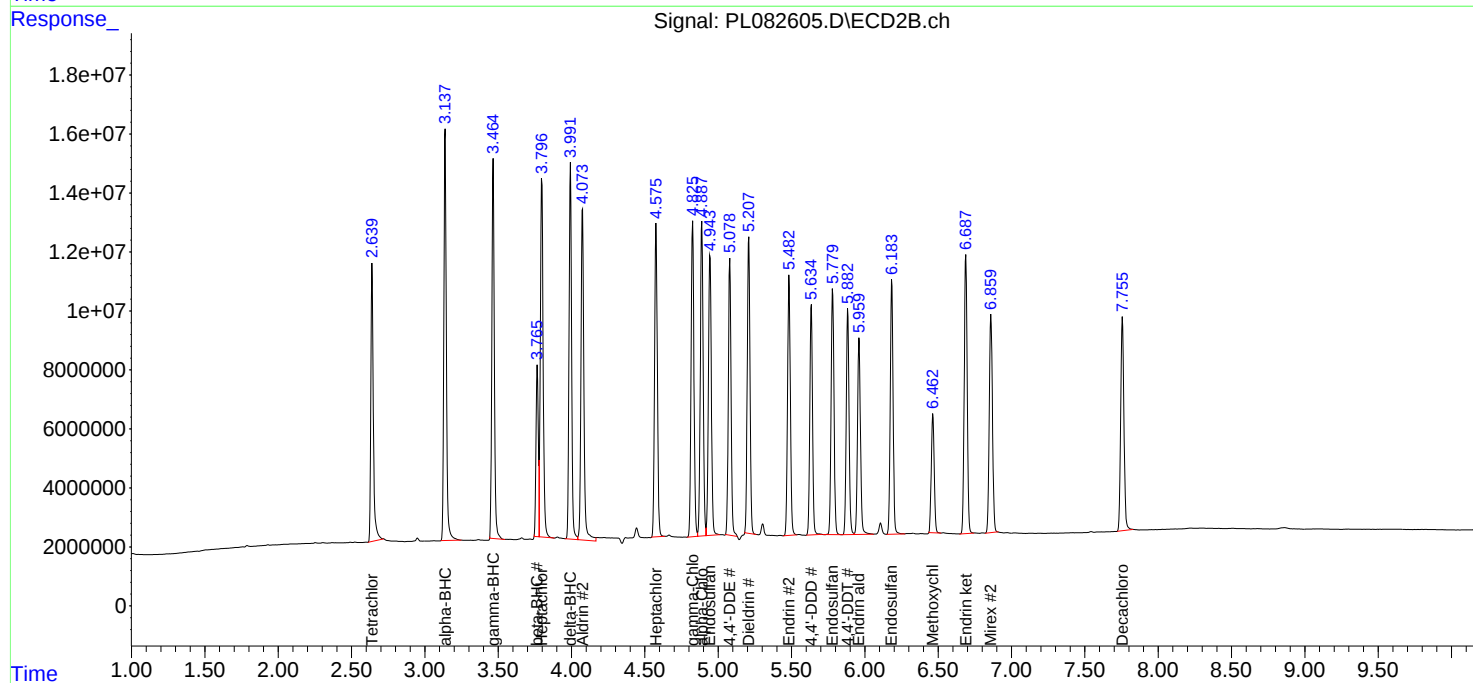
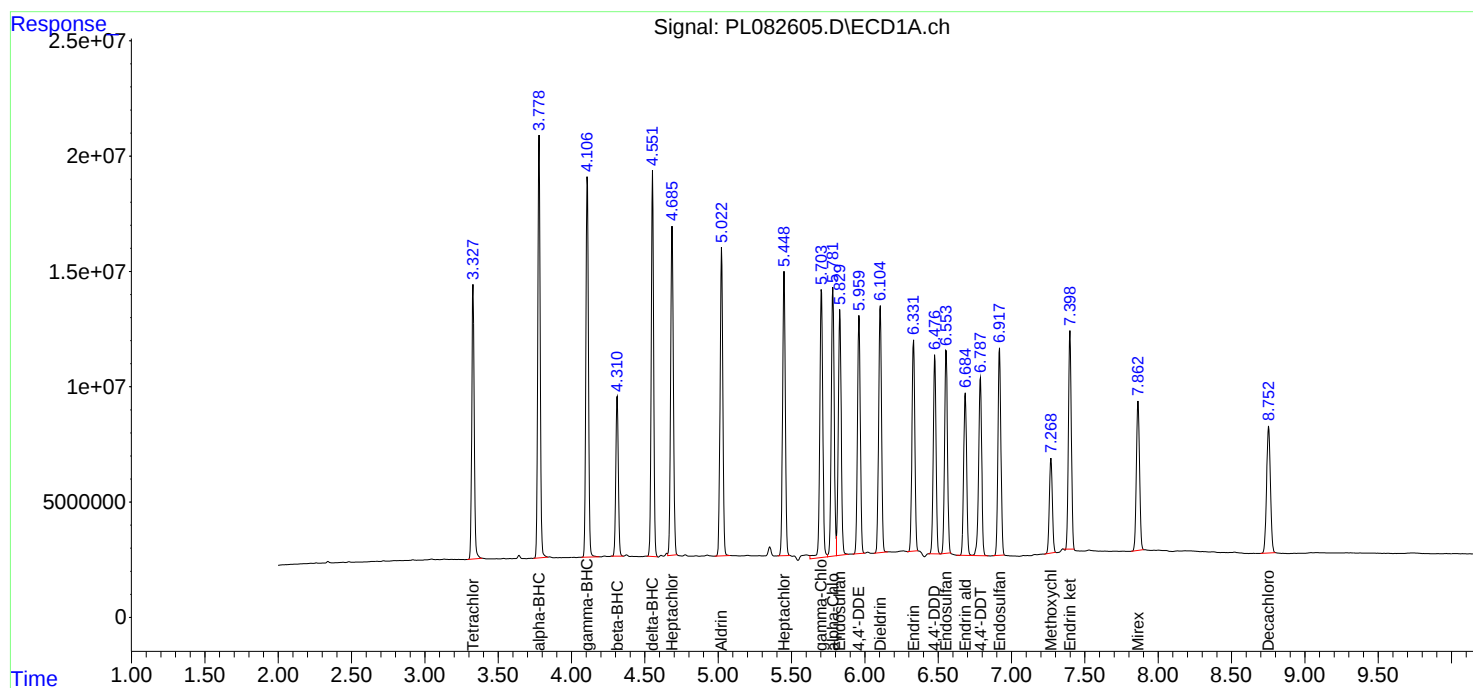
APPROVED

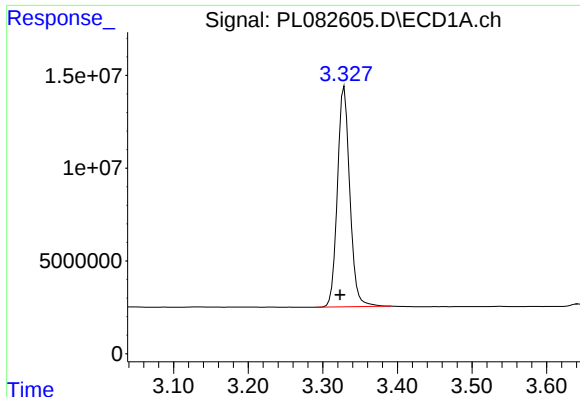
Reviewed By :Abdul Mirza 05/11/2023

Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:03:23 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





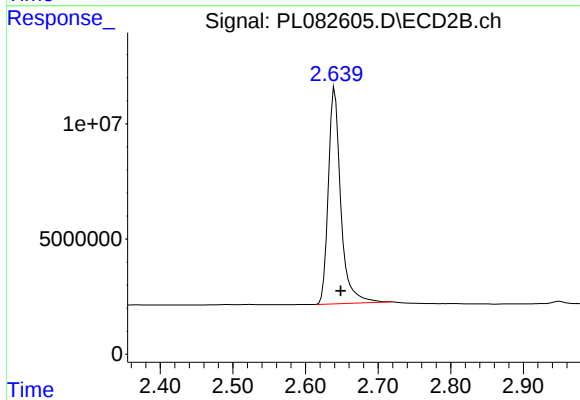
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.006 min
Response: 137172931
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

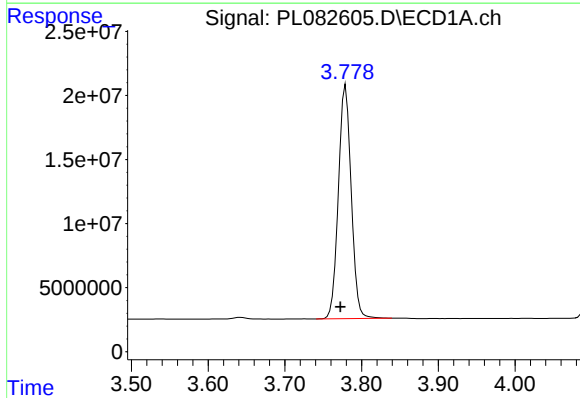
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



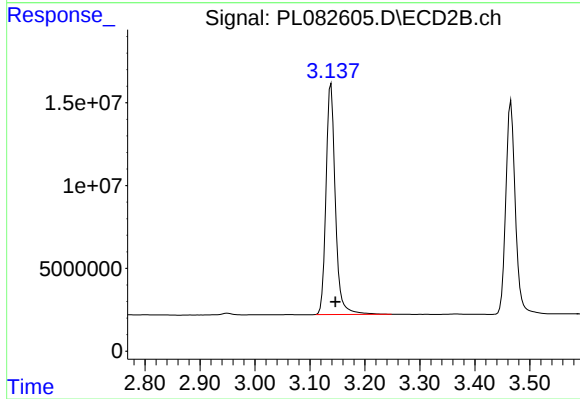
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 112380576
Conc: 48.51 ng/ml



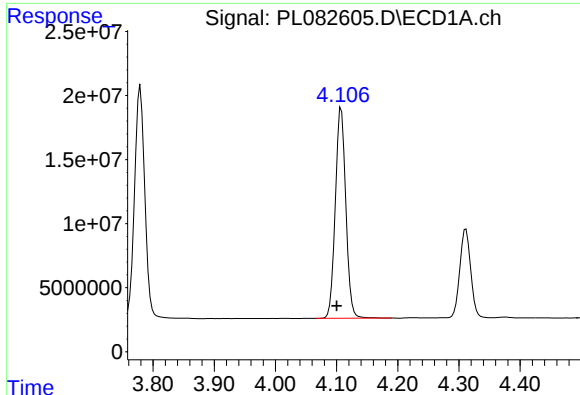
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.007 min
Response: 211811617
Conc: 53.22 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 164273082
Conc: 48.27 ng/ml



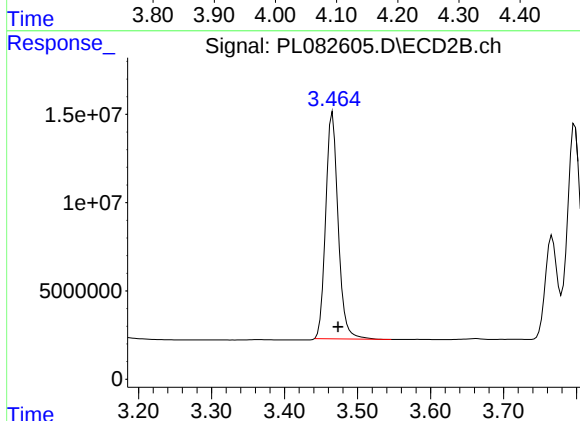
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: 0.007 min
Response: 195879650
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

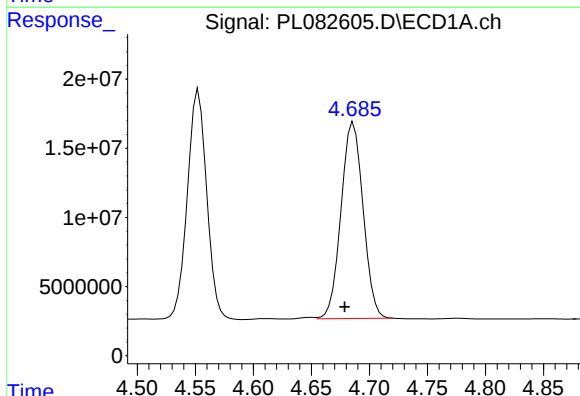
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



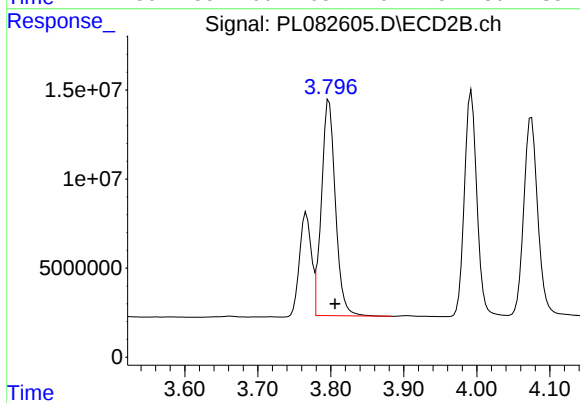
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 151947197
Conc: 47.26 ng/ml



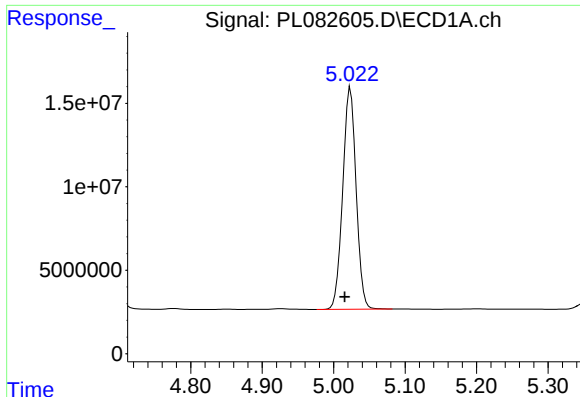
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: 0.008 min
Response: 187626943
Conc: 51.35 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 161122717
Conc: 47.07 ng/ml



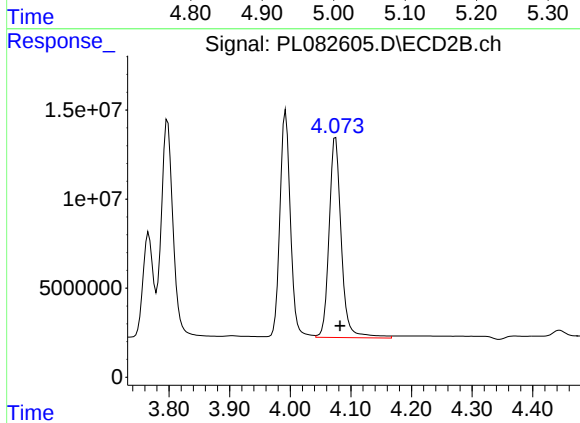
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: 0.008 min
Response: 172990144
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

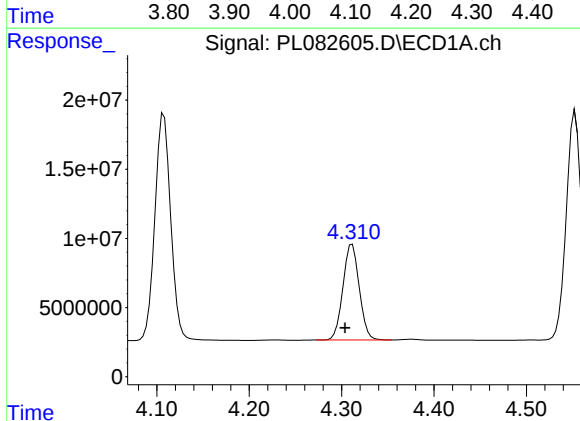
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



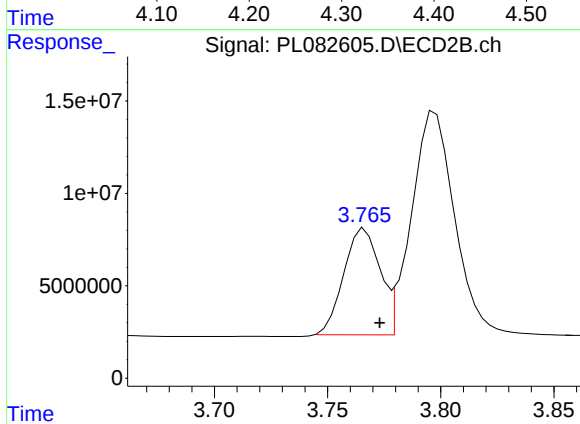
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 157125561
Conc: 49.88 ng/ml



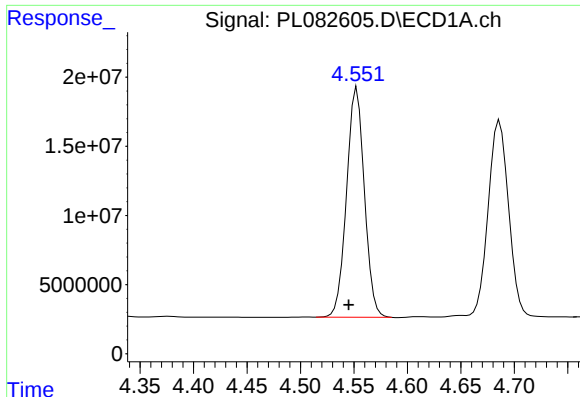
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 84850766
Conc: 49.75 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 64038218
Conc: 46.94 ng/ml



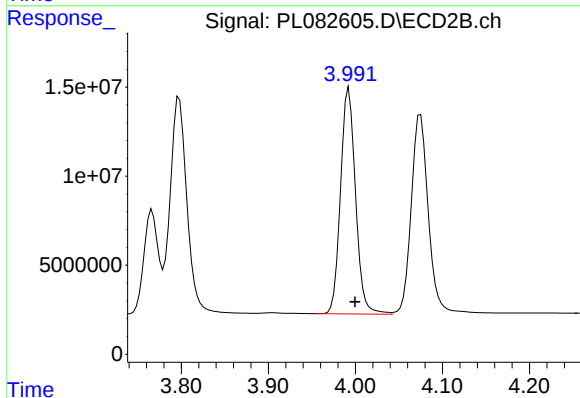
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: 0.008 min
Response: 192855968
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

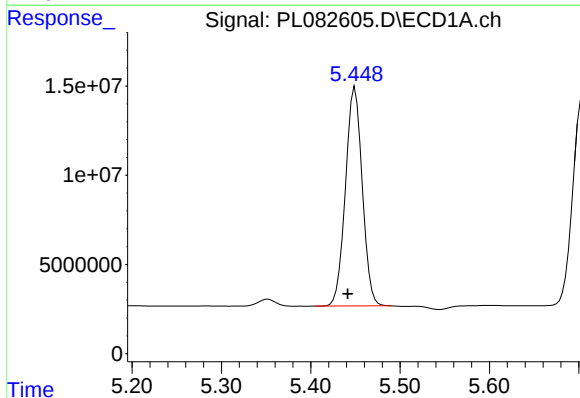
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



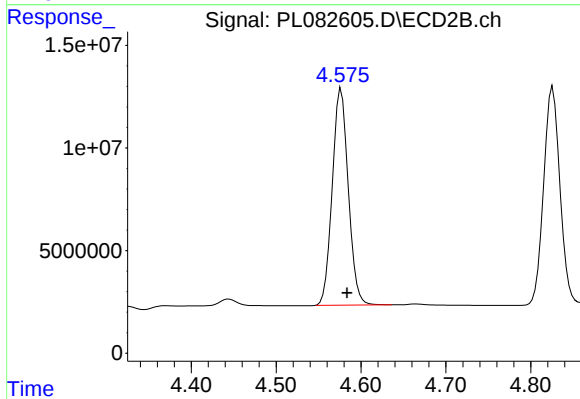
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 151884896
Conc: 49.52 ng/ml



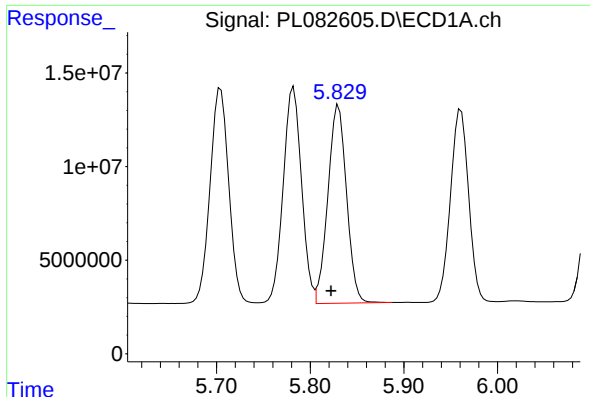
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: 0.008 min
Response: 160056224
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 138462469
Conc: 48.06 ng/ml



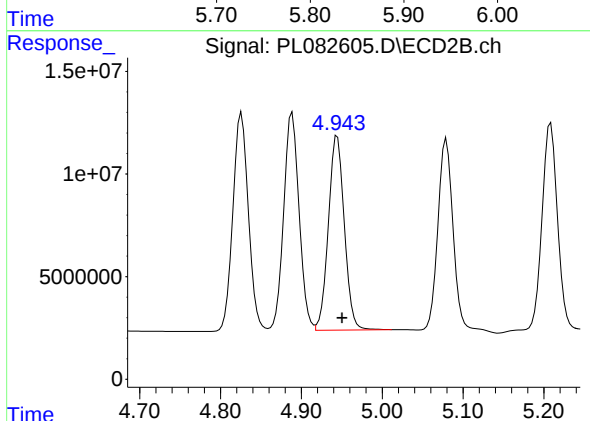
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: 0.008 min
Response: 147080709
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

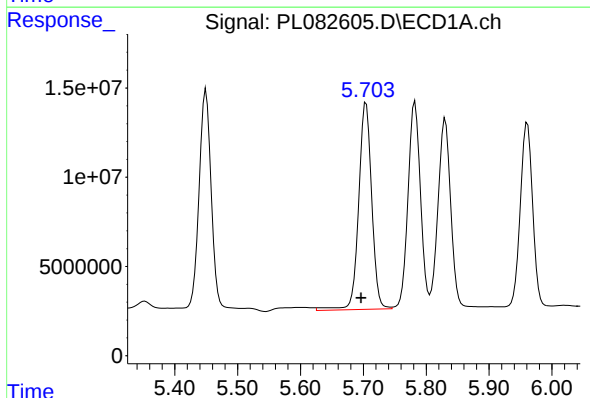
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



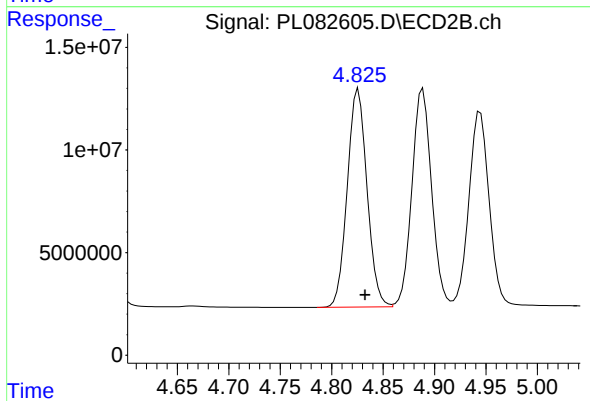
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 130035590
Conc: 48.71 ng/ml



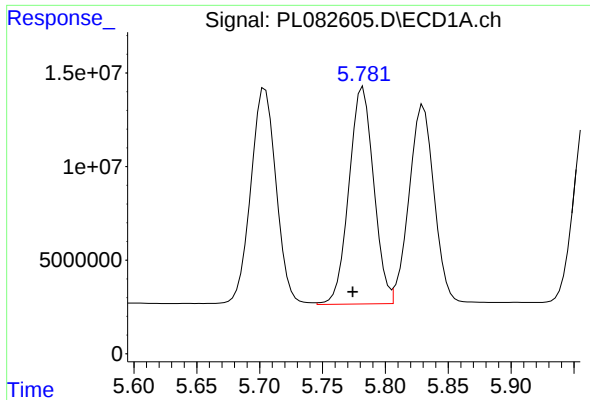
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 167435879
Conc: 55.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.007 min
Response: 142083689
Conc: 48.96 ng/ml



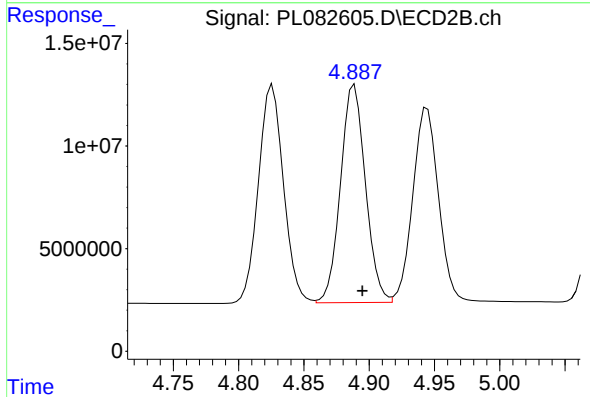
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: 0.008 min
Response: 158693128
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

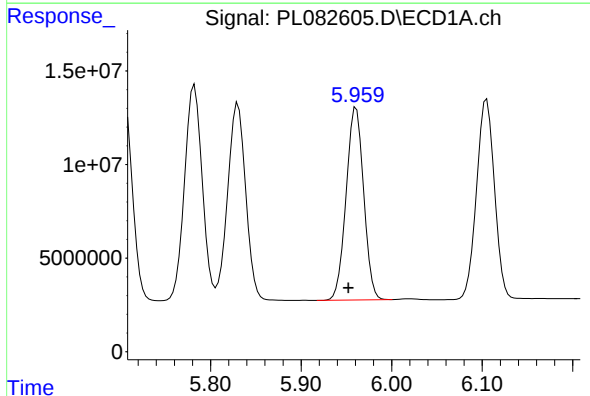
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



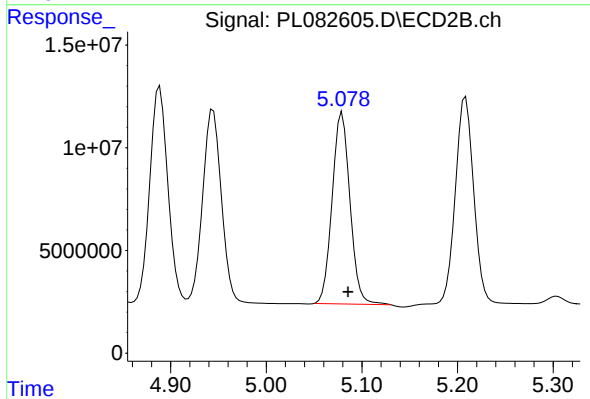
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 141219600
Conc: 48.65 ng/ml



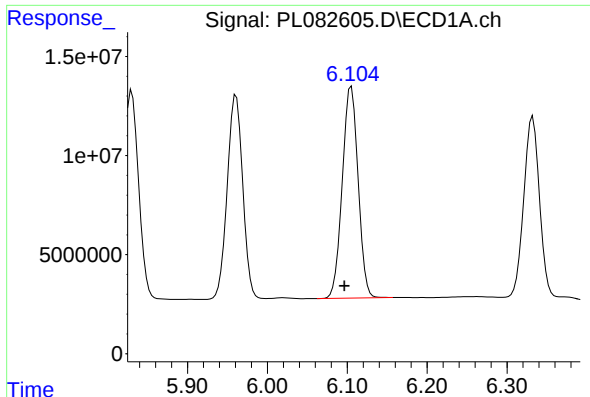
#12 4,4'-DDE

R.T.: 5.961 min
Delta R.T.: 0.008 min
Response: 138507593
Conc: 54.49 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 120530155
Conc: 52.43 ng/ml



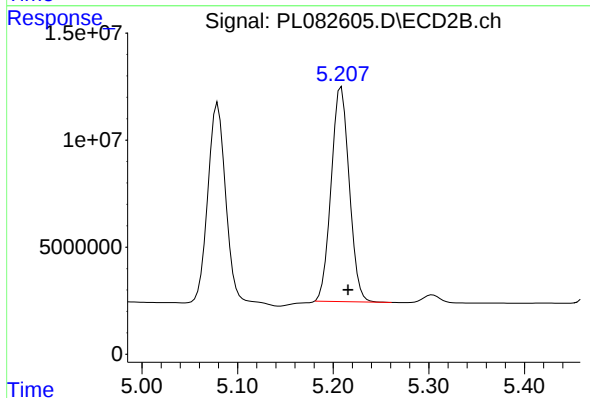
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: 0.009 min
Response: 147227897
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

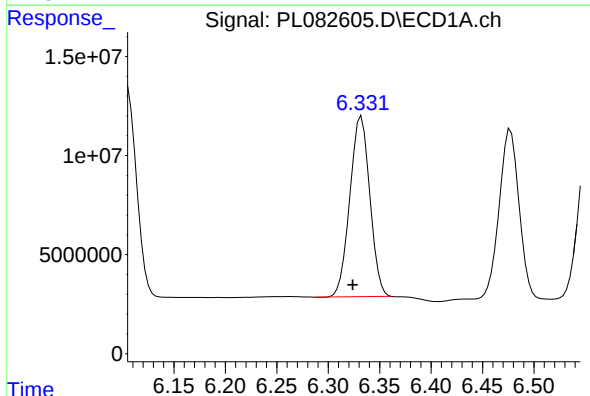
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



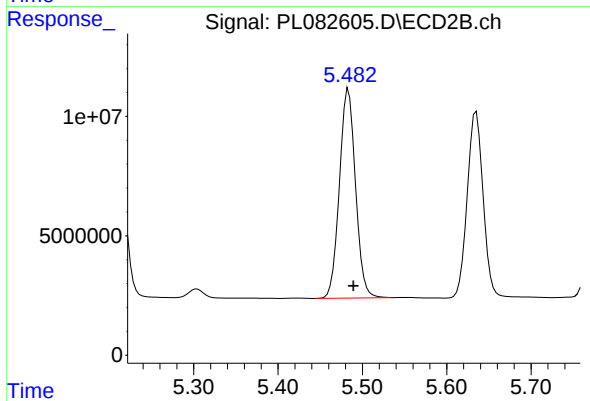
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 131240842
Conc: 48.60 ng/ml



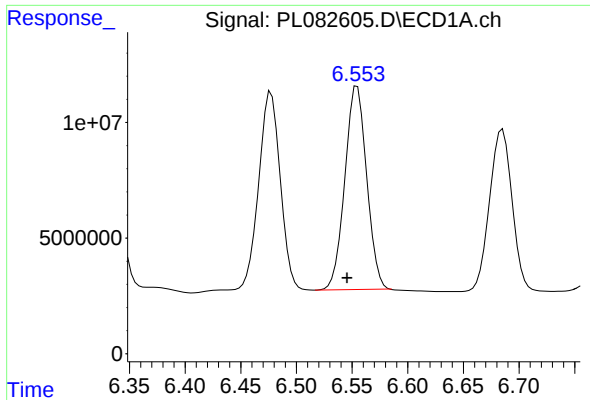
#14 Endrin

R.T.: 6.332 min
Delta R.T.: 0.009 min
Response: 123115151
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 116226181
Conc: 47.52 ng/ml m



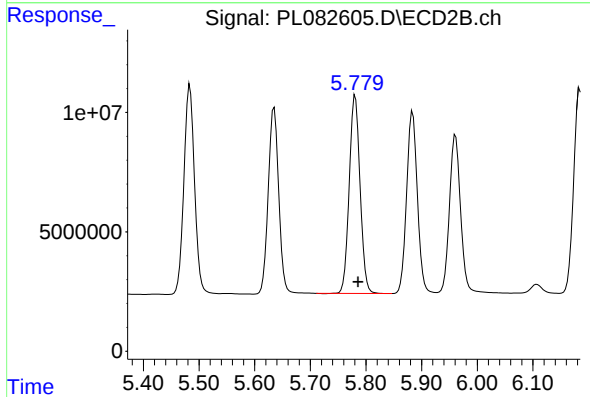
#15 Endosulfan II

R.T.: 6.555 min
Delta R.T.: 0.009 min
Response: 120097636
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

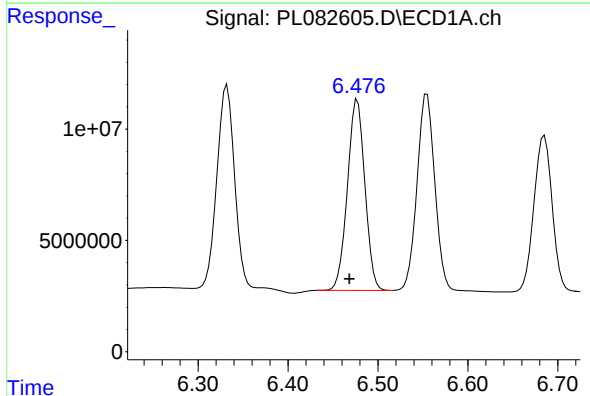
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



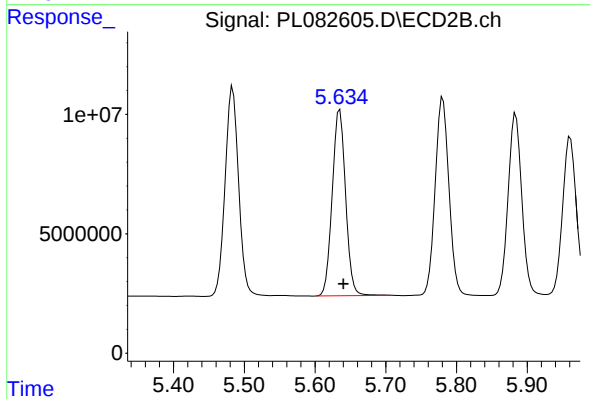
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 112221647
Conc: 49.79 ng/ml



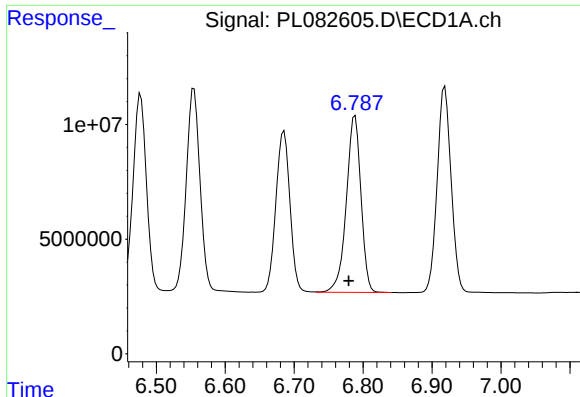
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: 0.009 min
Response: 115556361
Conc: 57.00 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 102426472
Conc: 54.76 ng/ml



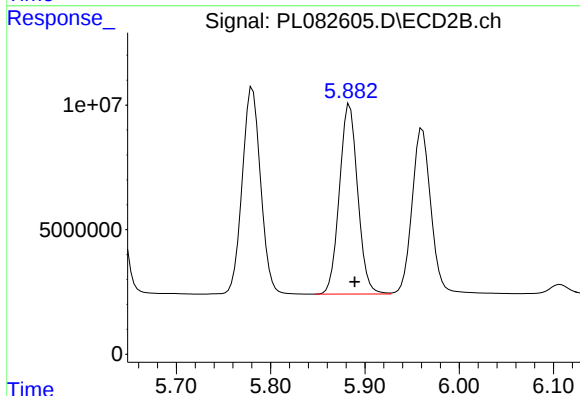
#17 4,4'-DDT

R.T.: 6.788 min
Delta R.T.: 0.009 min
Response: 113878974
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

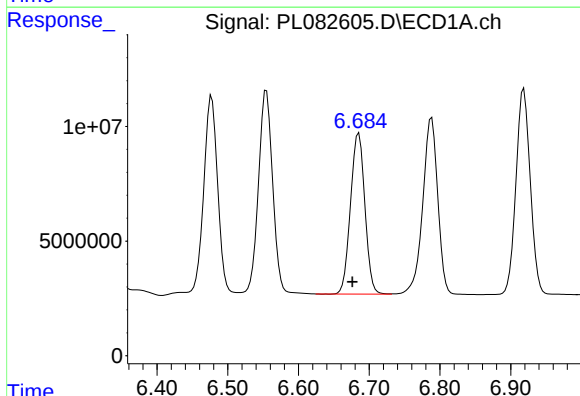
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



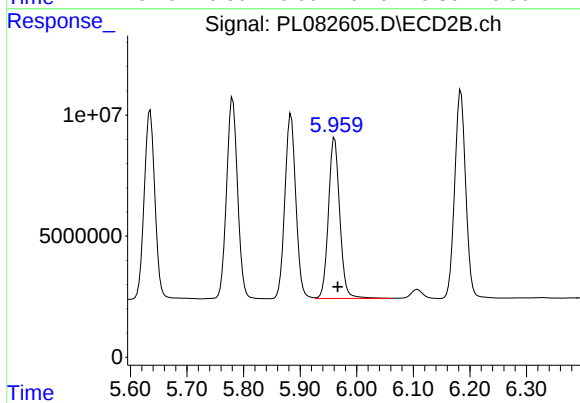
#17 4,4'-DDT

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 102614124
Conc: 48.57 ng/ml



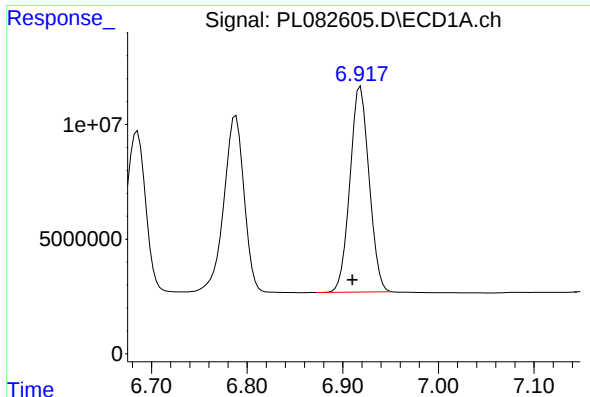
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: 0.009 min
Response: 99373701
Conc: 52.74 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 92653904
Conc: 49.51 ng/ml



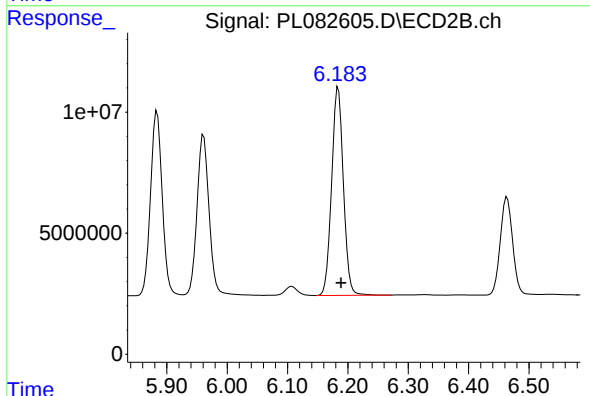
#19 Endosulfan Sulfate

R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 125169308
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

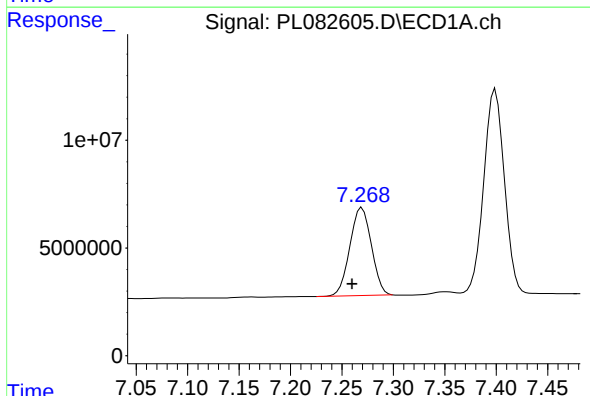
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



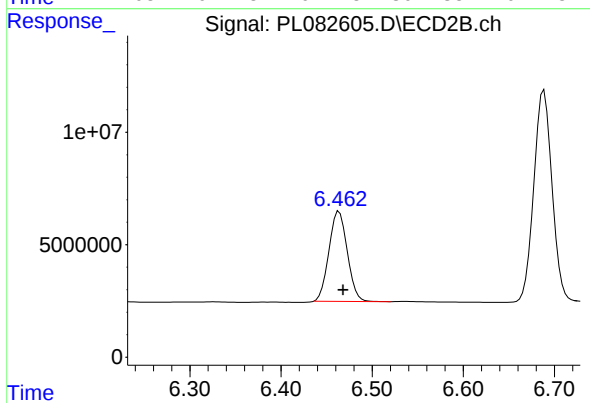
#19 Endosulfan Sulfate

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 116291328
Conc: 49.40 ng/ml



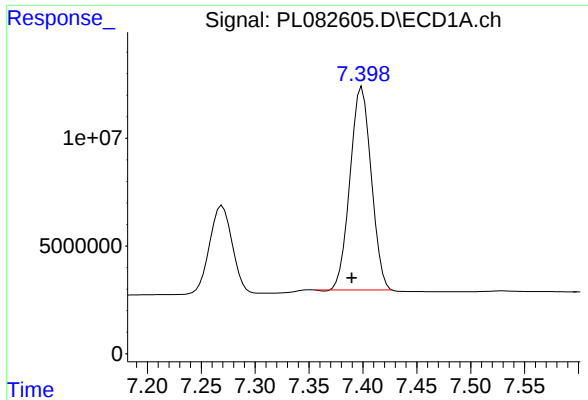
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: 0.010 min
Response: 59580856
Conc: 48.82 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 56010854
Conc: 46.22 ng/ml



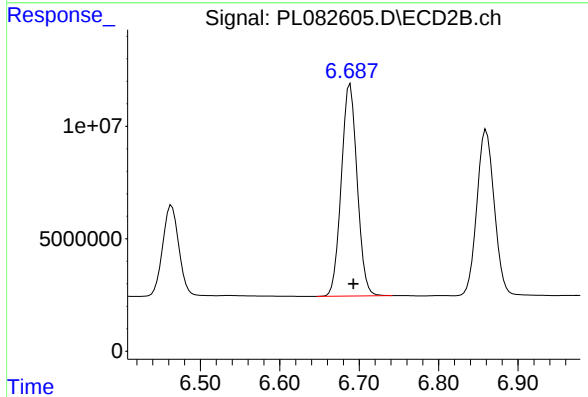
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: 0.010 min
Response: 129241800
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

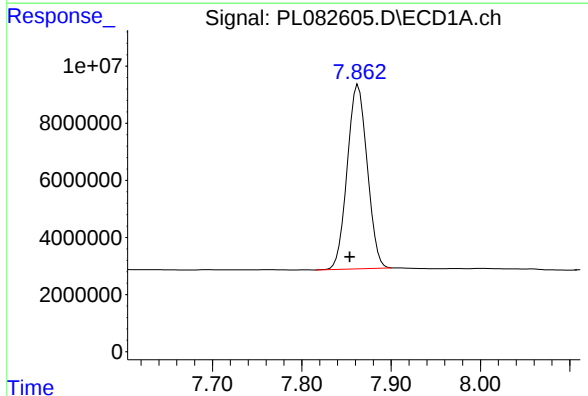
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



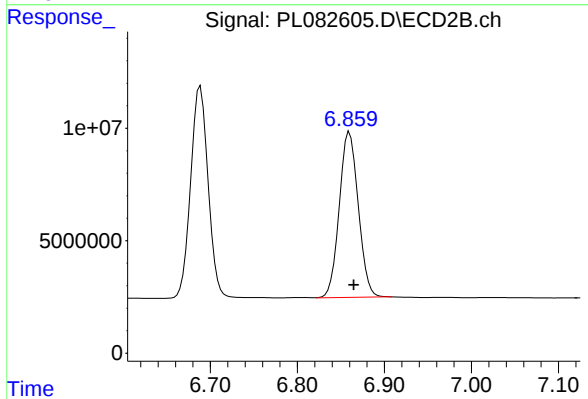
#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 131152685
Conc: 51.67 ng/ml m



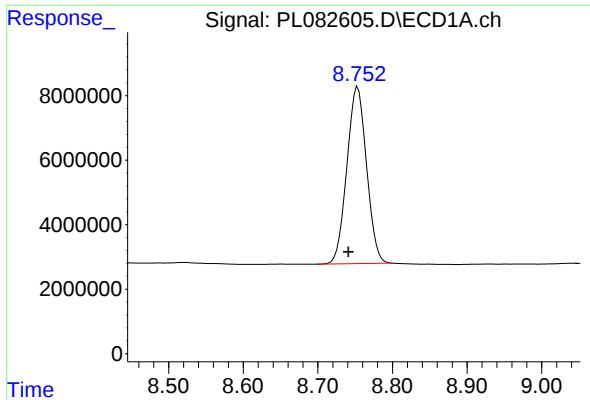
#22 Mirex

R.T.: 7.863 min
Delta R.T.: 0.009 min
Response: 100198034
Conc: 51.22 ng/ml



#22 Mirex

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 111432186
Conc: 48.36 ng/ml m



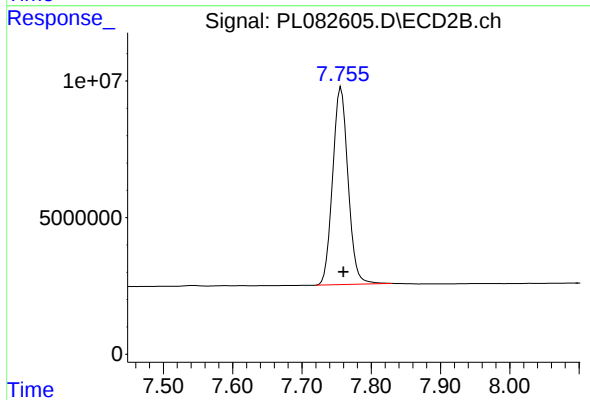
#28 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: 0.012 min
Response: 100268871
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.757 min
Delta R.T.: -0.003 min
Response: 111811019
Conc: 48.99 ng/ml