

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 16:27
 Operator : AR\AJ
 Sample : 01908-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HILLBOR-DRUMS-0314MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:56:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.331	2.661	40678288	35489048	18.828	17.536
28)	SA Decachlor...	8.756	7.782	27450860	34400304	18.006	17.959
Target Compounds							
2)	A alpha-BHC	3.781	3.161	144.6E6	128.0E6	45.441	43.691
3)	MA gamma-BHC...	4.109	3.489	142.3E6	128.9E6	48.088	46.849
4)	MA Heptachlor	4.689	3.823	126.1E6	124.6E6	45.683	45.167
5)	MB Aldrin	5.026	4.100	126.0E6	124.2E6	49.523	47.383
6)	B beta-BHC	4.311	3.788	62462289	53840666	45.378	46.389
7)	B delta-BHC	4.553	4.016	111.3E6	98366283	40.052	38.626
8)	B Heptachlo...	5.453	4.602	113.4E6	114.6E6	48.046	47.378
9)	A Endosulfan I	5.833	4.971	102.1E6	105.1E6	48.326	46.444
10)	B gamma-Chl...	5.707	4.852	112.3E6	113.6E6	49.196	46.420
11)	B alpha-Chl...	5.785	4.915	110.1E6	114.4E6	48.887	46.718
12)	B 4,4'-DDE	5.963	5.105	95973501	93447958	49.051	47.608m
13)	MA Dieldrin	6.108	5.236	103.3E6	111.0E6	49.362	49.248
14)	MA Endrin	6.335	5.510	87350291	94139807	48.061	46.844
15)	B Endosulfa...	6.556	5.805	89512499	95990411	51.341	52.064m
16)	A 4,4'-DDD	6.479	5.661	78777963	76521922	51.175	49.881
17)	MA 4,4'-DDT	6.790	5.909	75106917	76930963	47.317	47.953
18)	B Endrin al...	6.686	5.986	75481899	78736046	52.735m	51.969
19)	B Endosulfa...	6.921	6.209	85179847	87020594	47.441	45.275
20)	A Methoxychlor	7.271	6.488	42511773	46135873	49.354	49.710m
21)	B Endrin ke...	7.401	6.713	96485507	109.7E6	53.189	50.967m
22)	Mirex	7.866	6.887	72655781	91802293	49.795	47.698

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 16:27
Operator : AR\AJ
Sample : 01908-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

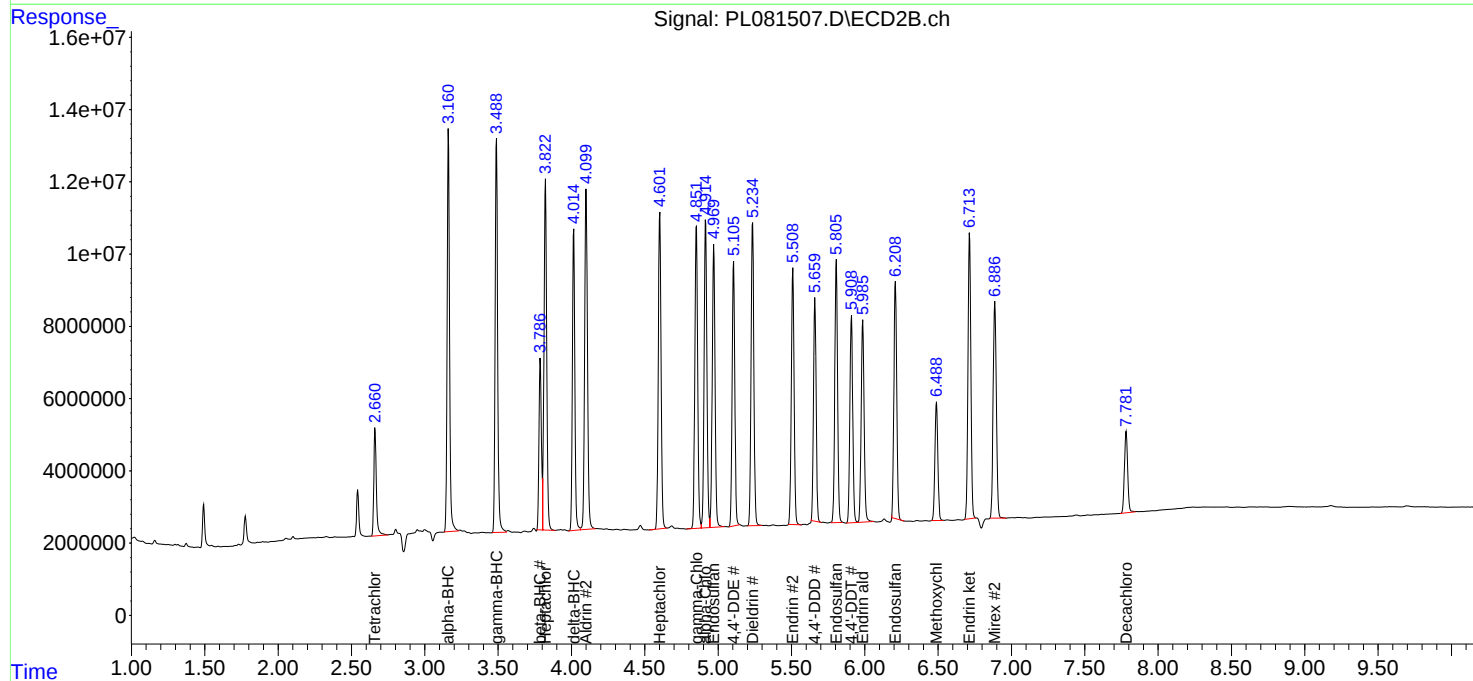
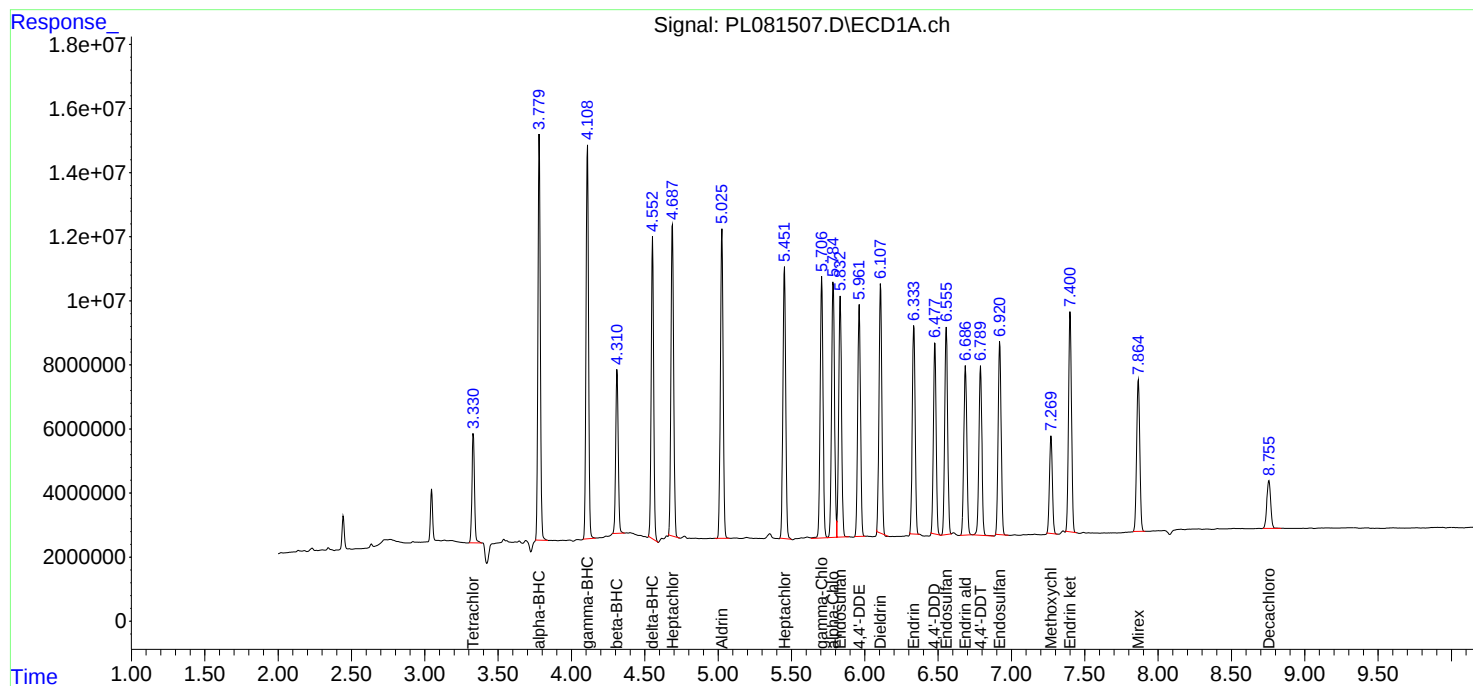
Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

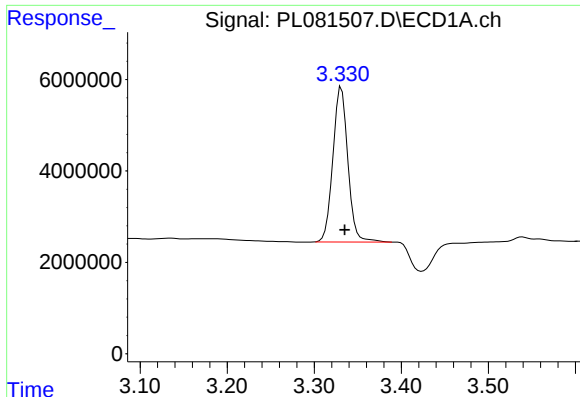
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 21:56:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





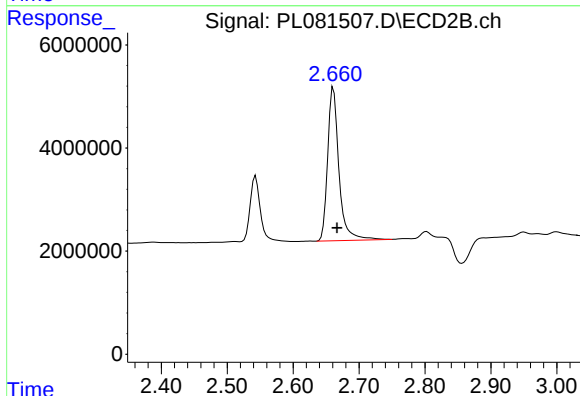
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 40678288
Conc: 18.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

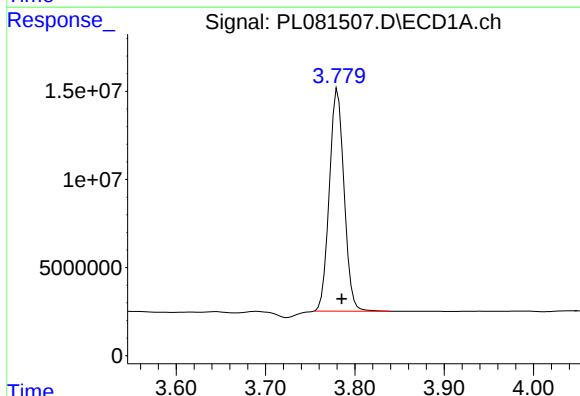
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



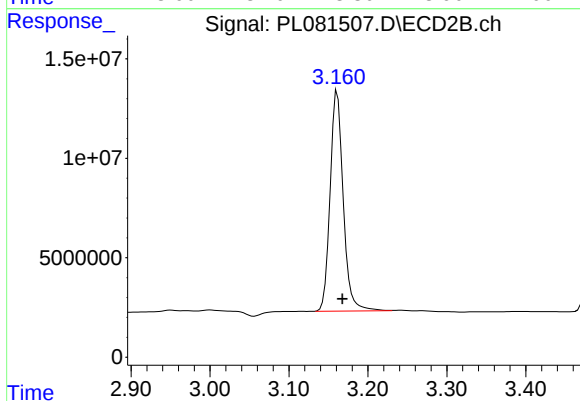
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 35489048
Conc: 17.54 ng/ml



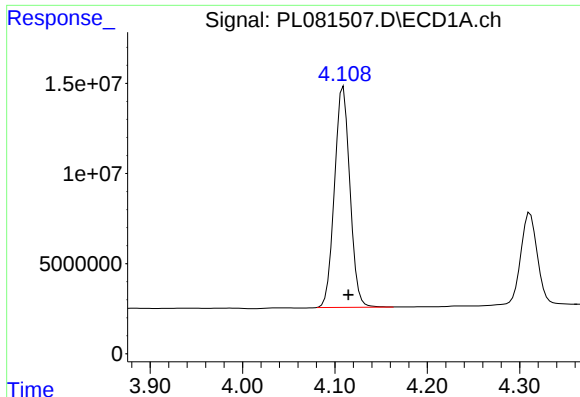
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.004 min
Response: 144561111
Conc: 45.44 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.006 min
Response: 128041642
Conc: 43.69 ng/ml



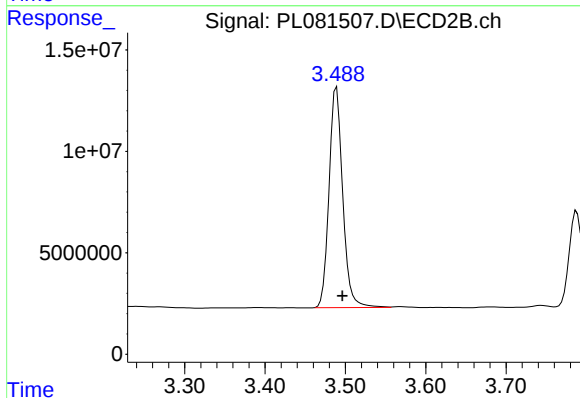
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.005 min
Response: 142273649
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

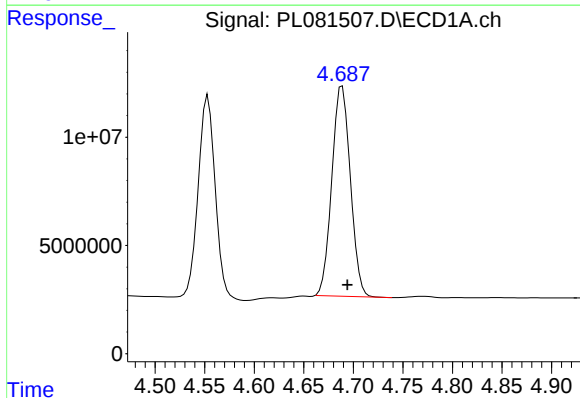
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



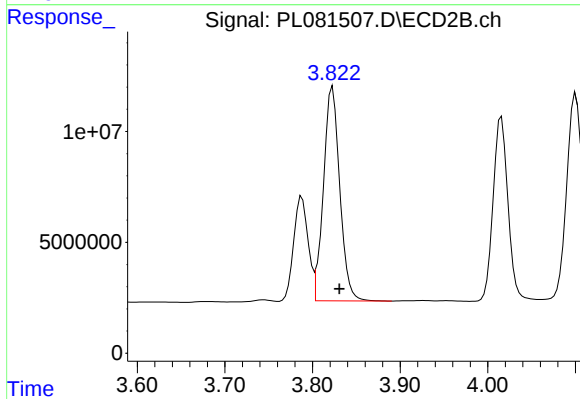
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.007 min
Response: 128884981
Conc: 46.85 ng/ml



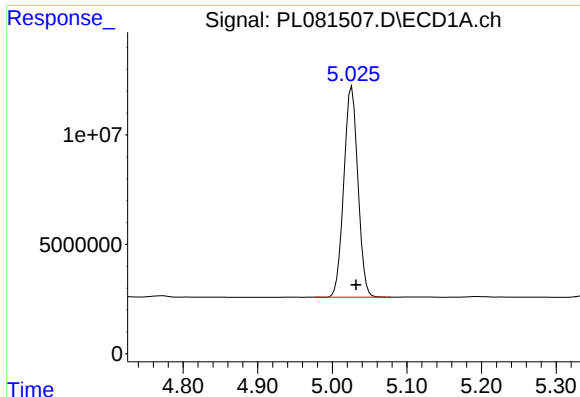
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 126058172
Conc: 45.68 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: -0.008 min
Response: 124638401
Conc: 45.17 ng/ml



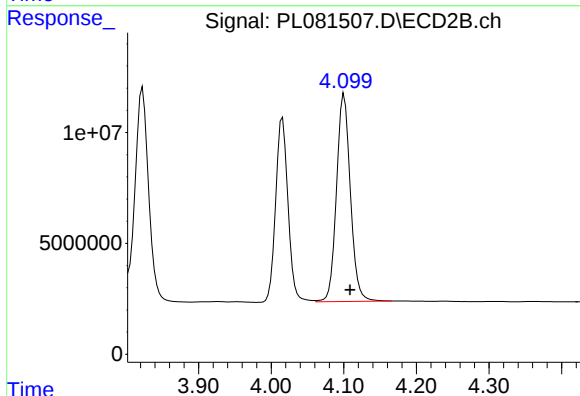
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: -0.005 min
Response: 125992290
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

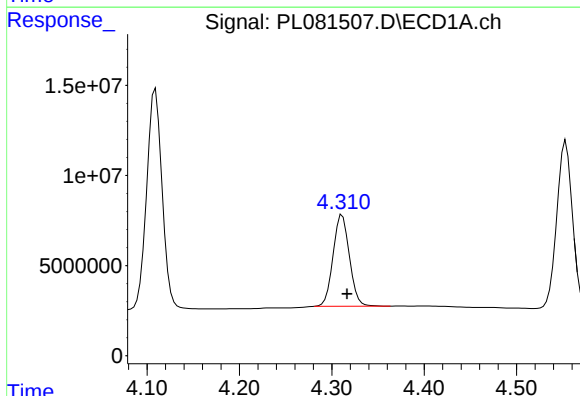
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



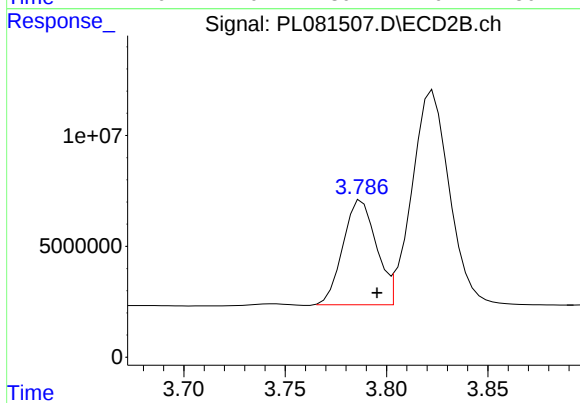
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.008 min
Response: 124226769
Conc: 47.38 ng/ml



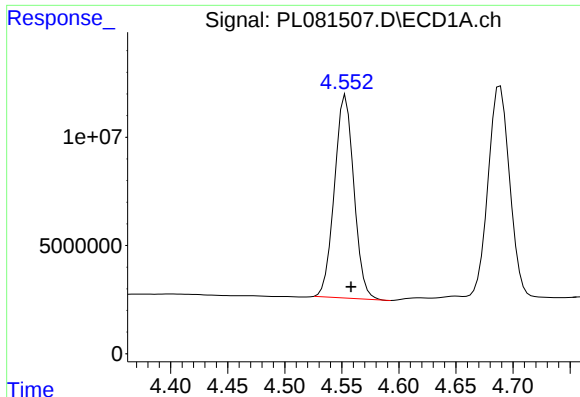
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 62462289
Conc: 45.38 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.007 min
Response: 53840666
Conc: 46.39 ng/ml



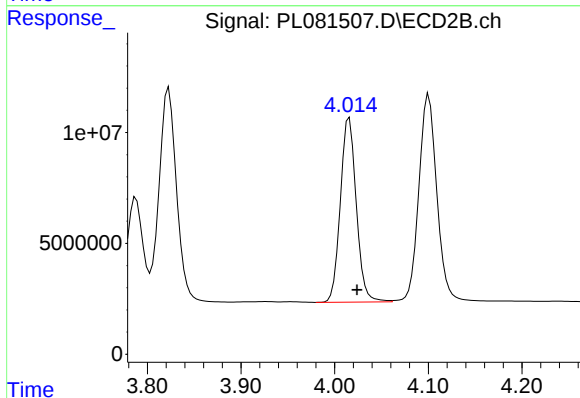
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 111311950
Conc: 40.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

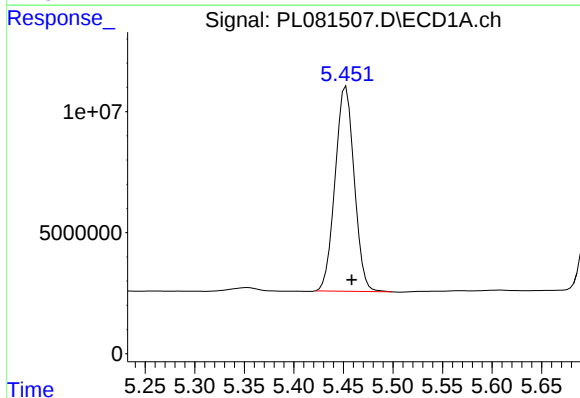
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



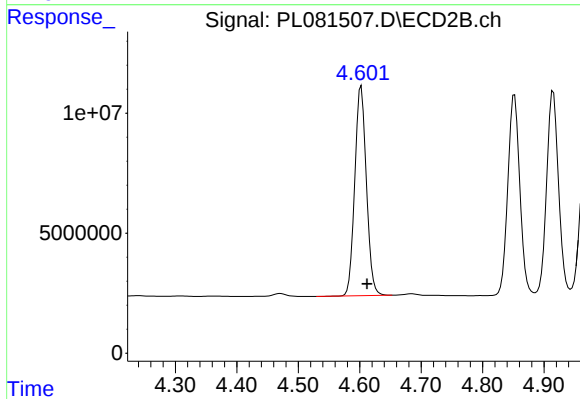
#7 delta-BHC

R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 98366283
Conc: 38.63 ng/ml



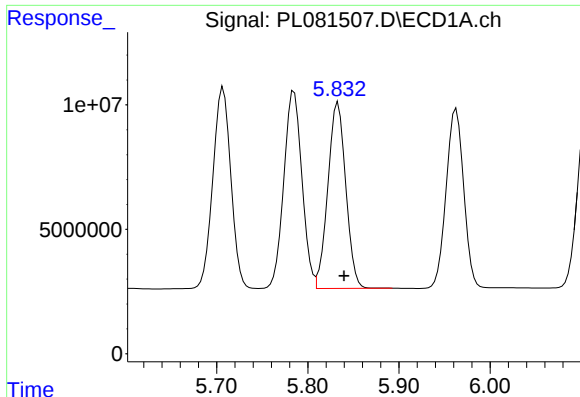
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.006 min
Response: 113390082
Conc: 48.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 114565319
Conc: 47.38 ng/ml



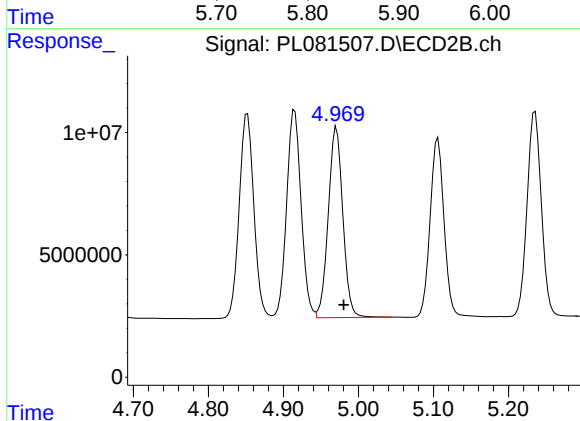
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.006 min
Response: 102099337
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

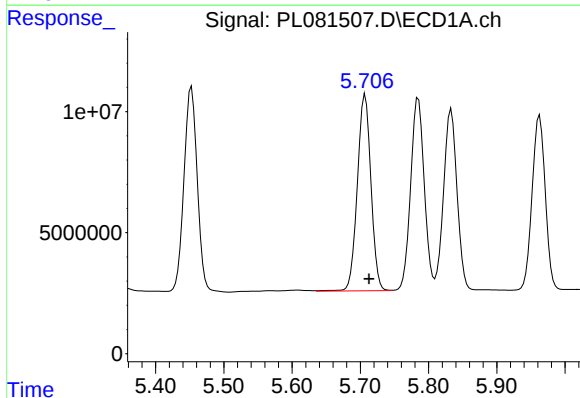
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



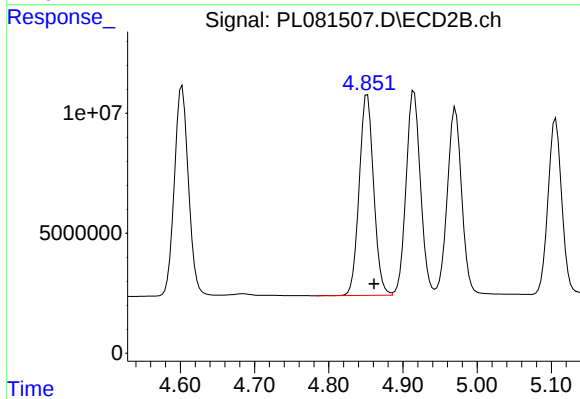
#9 Endosulfan I

R.T.: 4.971 min
Delta R.T.: -0.009 min
Response: 105134409
Conc: 46.44 ng/ml



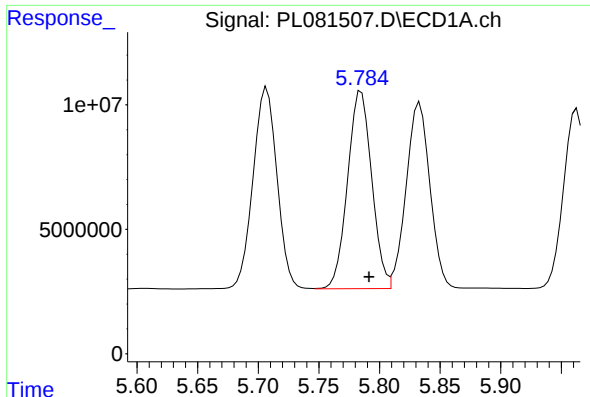
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.006 min
Response: 112261257
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.852 min
Delta R.T.: -0.009 min
Response: 113625340
Conc: 46.42 ng/ml



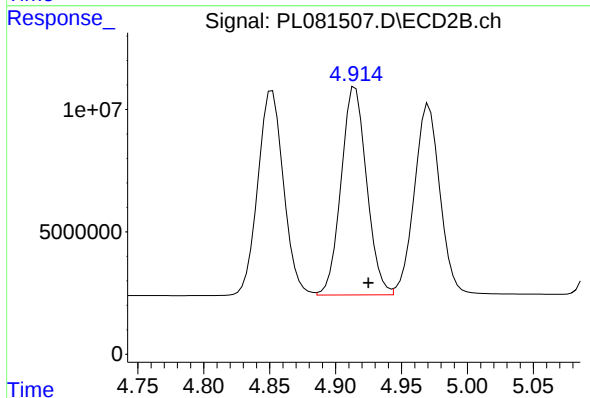
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 110139816
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

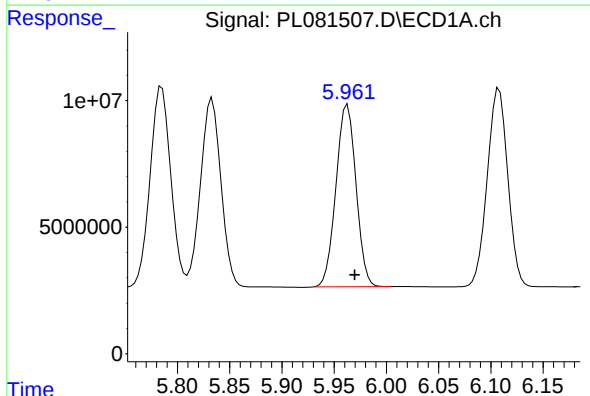
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



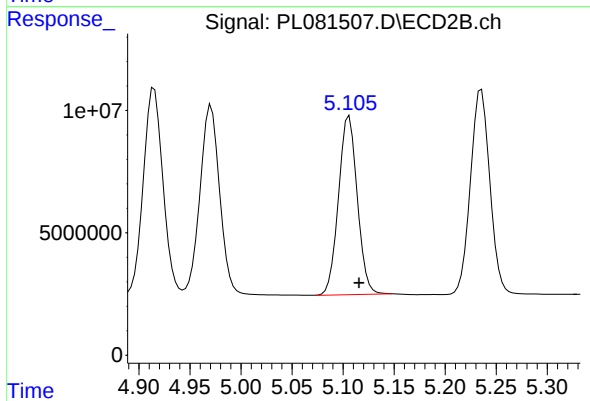
#11 alpha-Chlordane

R.T.: 4.915 min
Delta R.T.: -0.010 min
Response: 114390253
Conc: 46.72 ng/ml



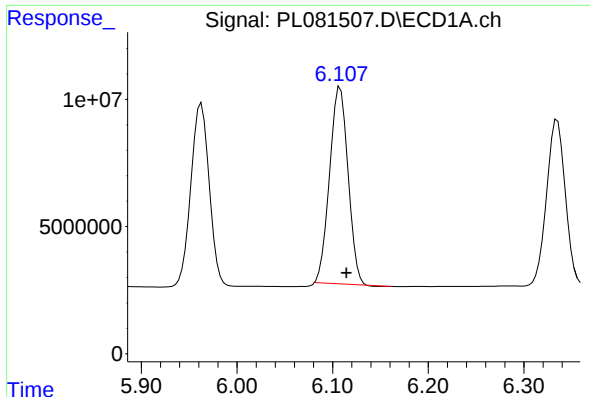
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.007 min
Response: 95973501
Conc: 49.05 ng/ml



#12 4,4'-DDE

R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 93447958
Conc: 47.61 ng/ml m



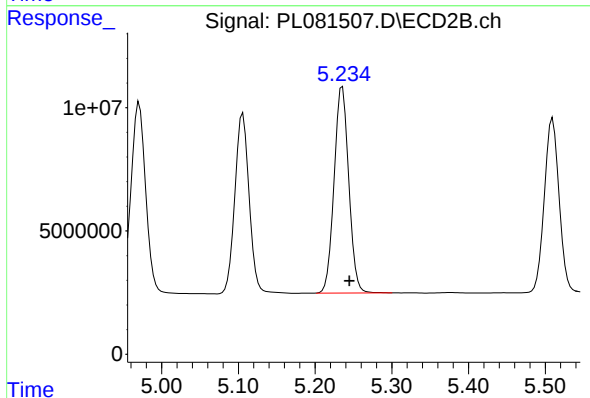
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 103315079
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

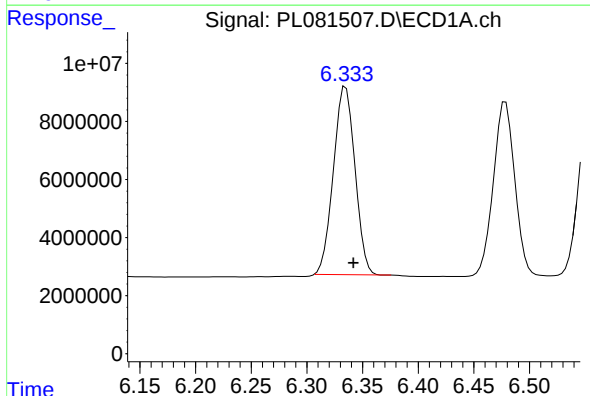
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



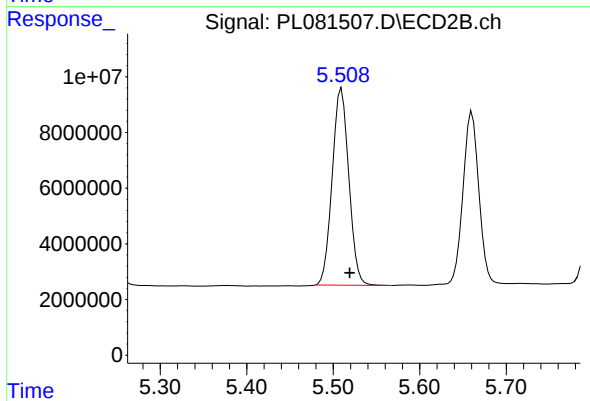
#13 Dieldrin

R.T.: 5.236 min
Delta R.T.: -0.009 min
Response: 111023227
Conc: 49.25 ng/ml



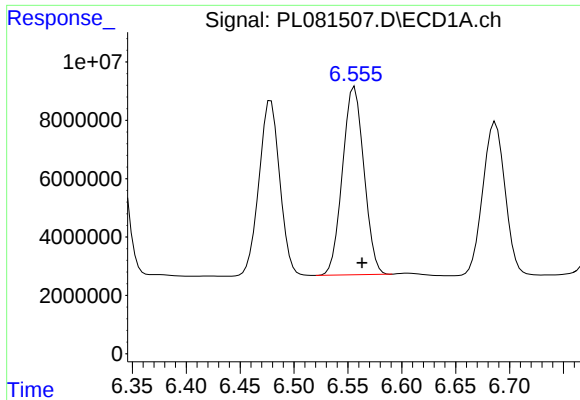
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 87350291
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 5.510 min
Delta R.T.: -0.009 min
Response: 94139807
Conc: 46.84 ng/ml



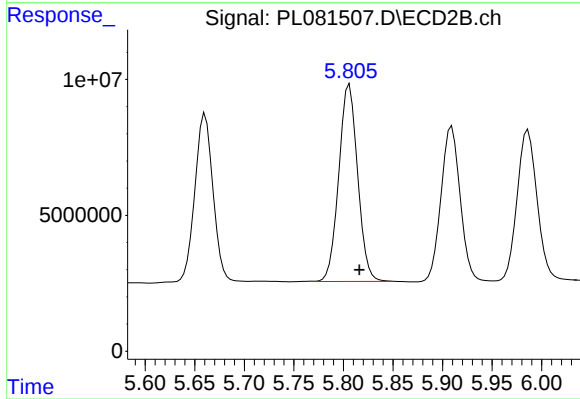
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 89512499
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

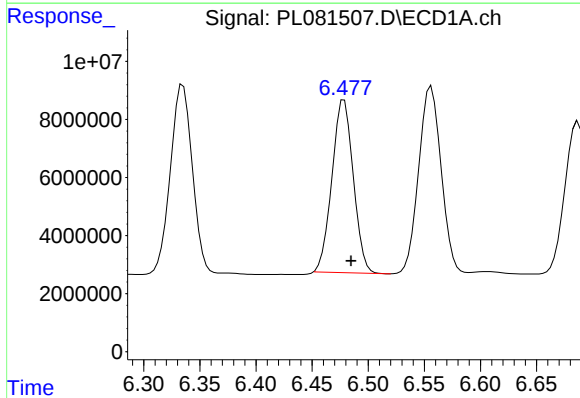
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



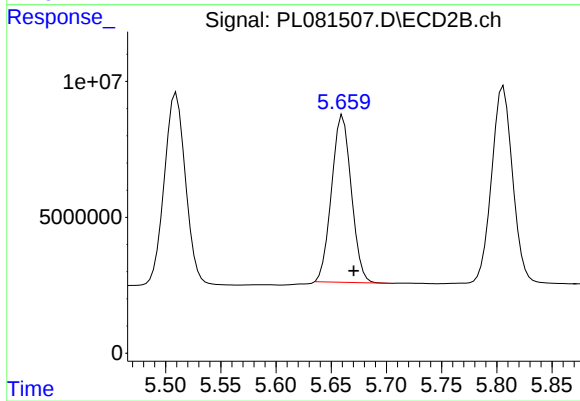
#15 Endosulfan II

R.T.: 5.805 min
Delta R.T.: -0.012 min
Response: 95990411
Conc: 52.06 ng/ml m



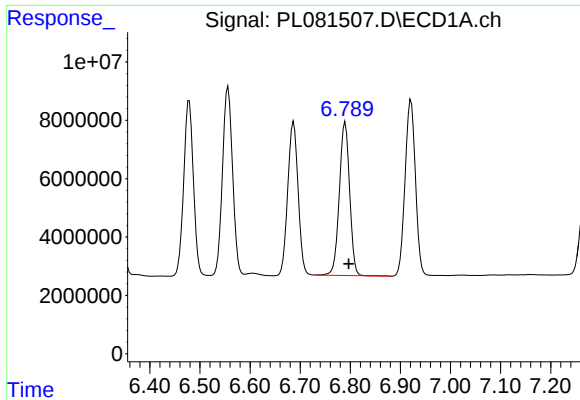
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 78777963
Conc: 51.18 ng/ml



#16 4,4'-DDD

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 76521922
Conc: 49.88 ng/ml



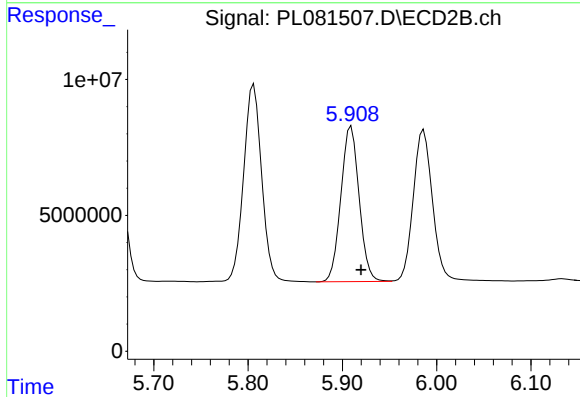
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.007 min
Response: 75106917
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

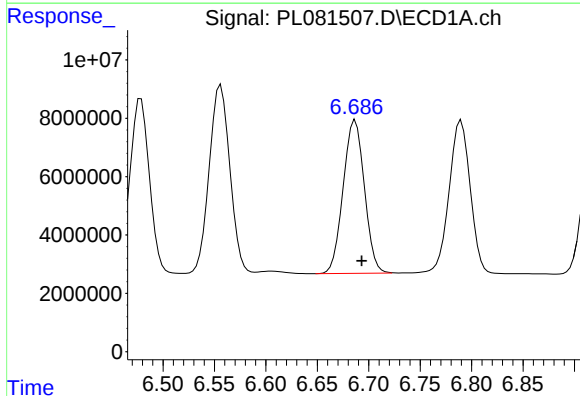
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



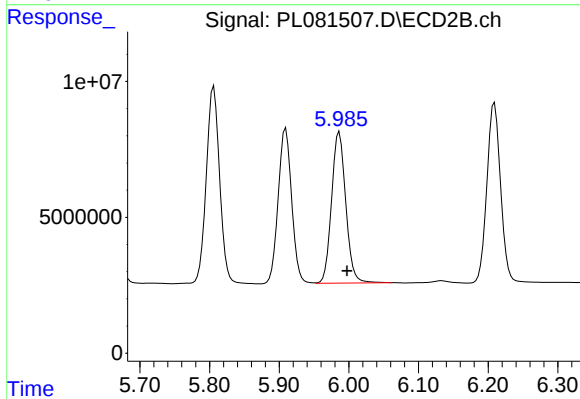
#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.010 min
Response: 76930963
Conc: 47.95 ng/ml



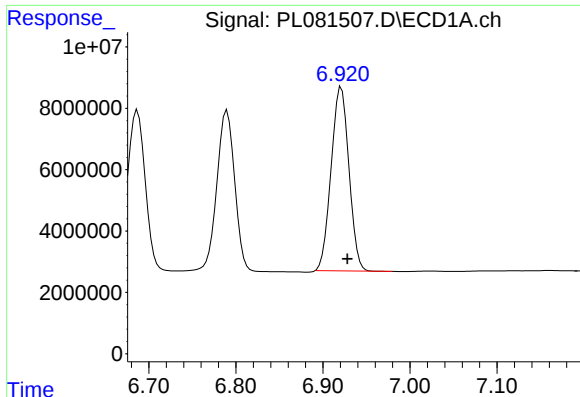
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.008 min
Response: 75481899
Conc: 52.73 ng/ml m



#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.011 min
Response: 78736046
Conc: 51.97 ng/ml



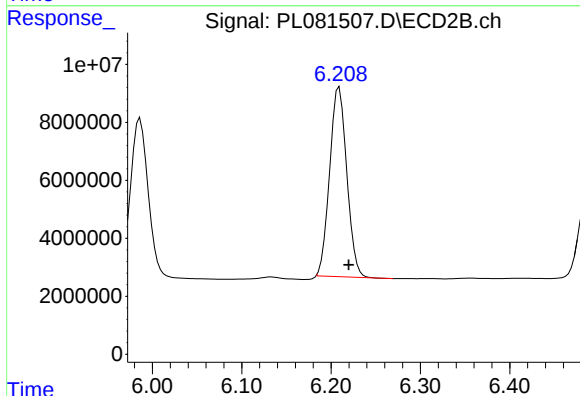
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 85179847
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

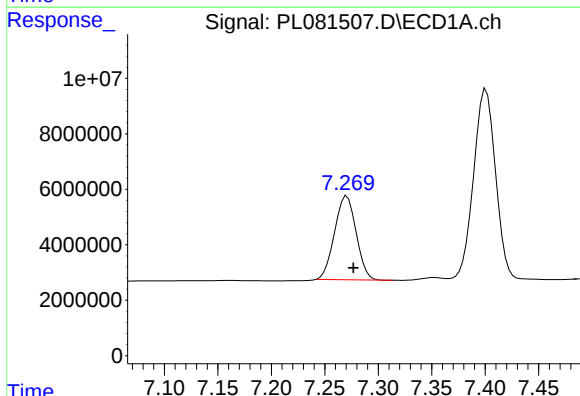
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



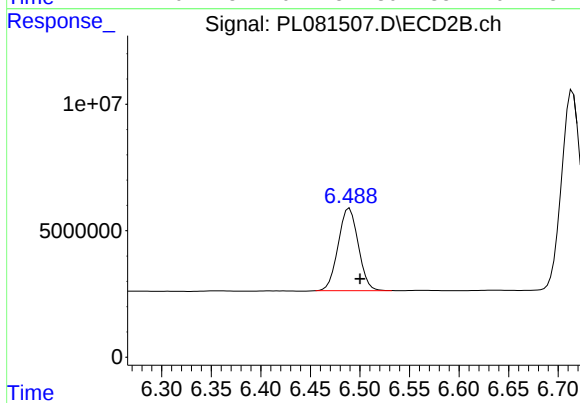
#19 Endosulfan Sulfate

R.T.: 6.209 min
Delta R.T.: -0.011 min
Response: 87020594
Conc: 45.27 ng/ml



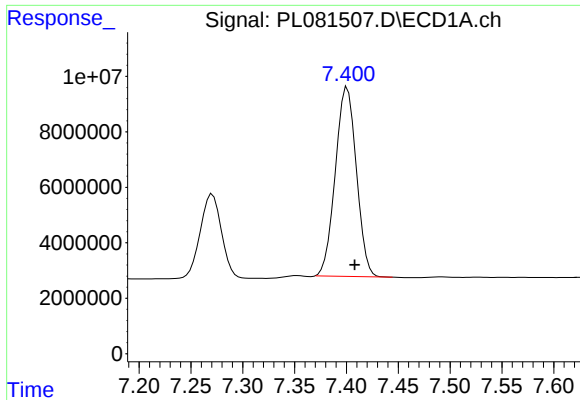
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 42511773
Conc: 49.35 ng/ml



#20 Methoxychlor

R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 46135873
Conc: 49.71 ng/ml m



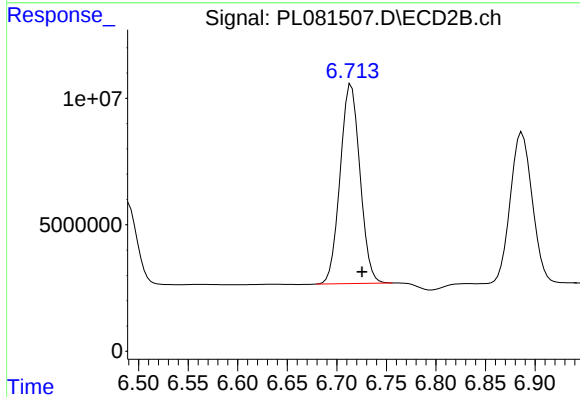
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 96485507
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

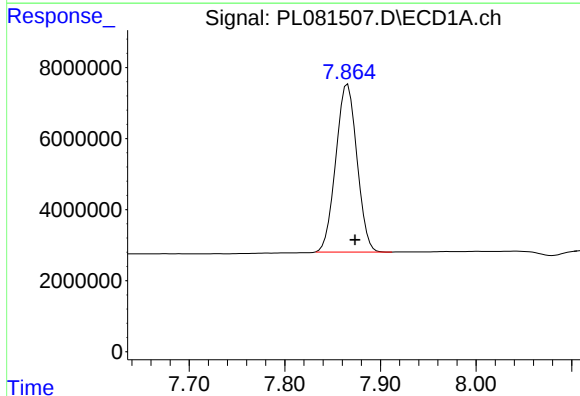
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



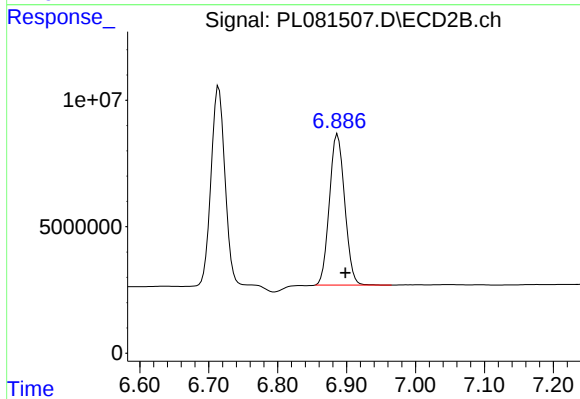
#21 Endrin ketone

R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 109735526
Conc: 50.97 ng/ml m



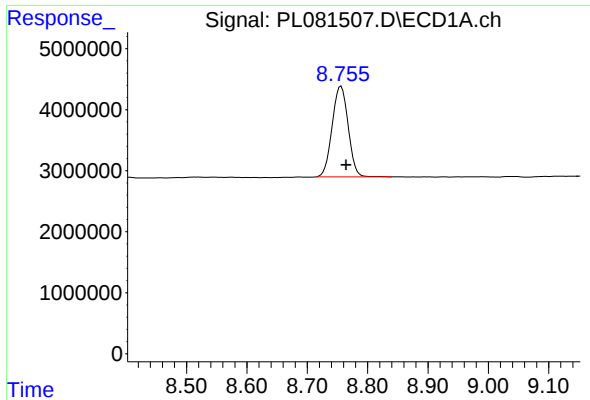
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.008 min
Response: 72655781
Conc: 49.79 ng/ml



#22 Mirex

R.T.: 6.887 min
Delta R.T.: -0.011 min
Response: 91802293
Conc: 47.70 ng/ml



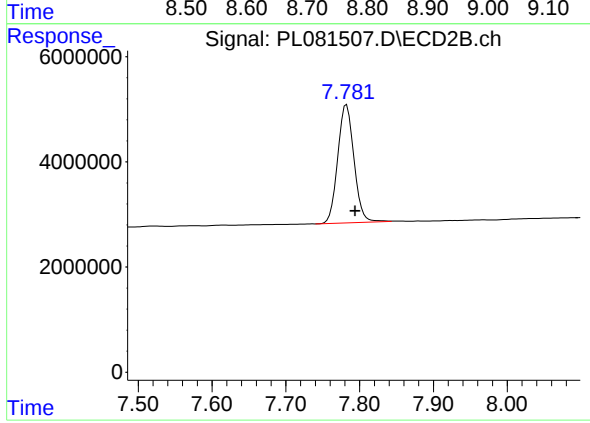
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 27450860
Conc: 18.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HILLBOR-DRUMS-0314MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.011 min
Response: 34400304
Conc: 17.96 ng/ml