

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011823\
 Data File : PL080389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2023 15:02
 Operator : AR\AJ
 Sample : 01180-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-7MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2023
 Supervised By : Ankita Jodhani 01/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 20:31:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.350	2.691	42671609	43502706	21.361m	19.451
28)	SA Decachlor...	8.789	7.839	30273965	38217432	20.519	17.002
Target Compounds							
2)	A alpha-BHC	3.800	3.191	169.4E6	167.7E6	58.644	52.348
3)	MA gamma-BHC...	4.128	3.520	157.3E6	153.7E6	58.850	50.926
4)	MA Heptachlor	4.713	3.861	149.5E6	158.1E6	57.446	49.105
5)	MB Aldrin	5.051	4.141	145.6E6	156.0E6	61.238	52.446
6)	B beta-BHC	4.324	3.816	68571197	65343129	58.014	48.550
7)	B delta-BHC	4.567	4.045	154.9E6	148.7E6	59.272	51.473
8)	B Heptachlo...	5.475	4.643	130.0E6	138.9E6	58.535	49.533
9)	A Endosulfan I	5.856	5.012	117.1E6	126.4E6	57.821	48.336
10)	B gamma-Chl...	5.730	4.894	129.6E6	140.3E6	59.186	49.124
11)	B alpha-Chl...	5.810	4.958	127.5E6	139.5E6	58.780	48.774
12)	B 4,4'-DDE	5.987	5.151	114.2E6	120.9E6	58.870	51.482
13)	MA Dieldrin	6.131	5.277	124.2E6	136.1E6	60.464	49.927
14)	MA Endrin	6.359	5.552	109.0E6	120.2E6	59.415	50.527
15)	B Endosulfa...	6.577	5.846	104.9E6	117.0E6	54.367	48.224
16)	A 4,4'-DDD	6.502	5.704	95351158	96810732	60.247	52.234
17)	MA 4,4'-DDT	6.814	5.956	95187834	97622327	53.974	46.327
18)	B Endrin al...	6.707	6.026	87421658	93287368	60.598	51.238
19)	B Endosulfa...	6.941	6.249	101.8E6	112.0E6	58.381	48.247
20)	A Methoxychlor	7.292	6.535	49898964	56225880	56.006	46.777
21)	B Endrin ke...	7.421	6.754	106.0E6	122.3E6	56.899	48.581
22)	Mirex	7.892	6.938	84133256	107.0E6	59.478	47.547

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011823\
Data File : PL080389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jan 2023 15:02
Operator : AR\AJ
Sample : 01180-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

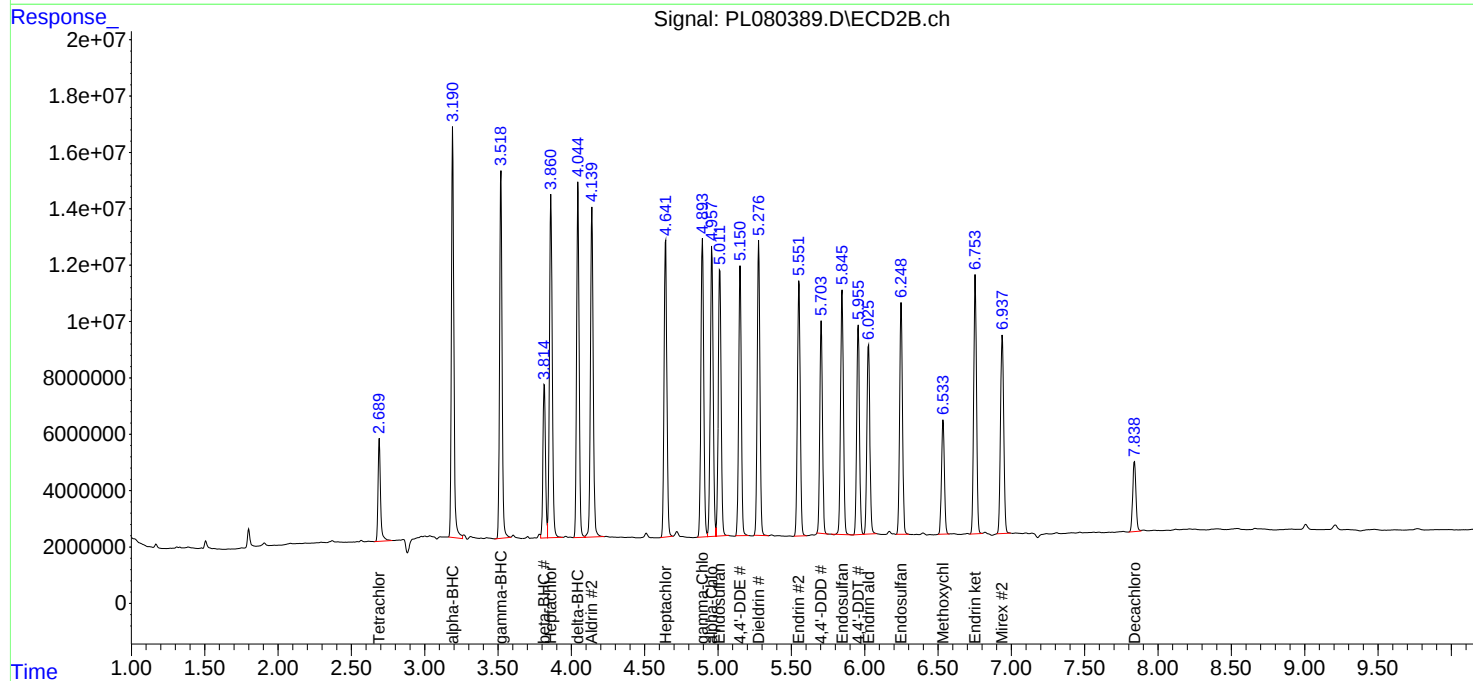
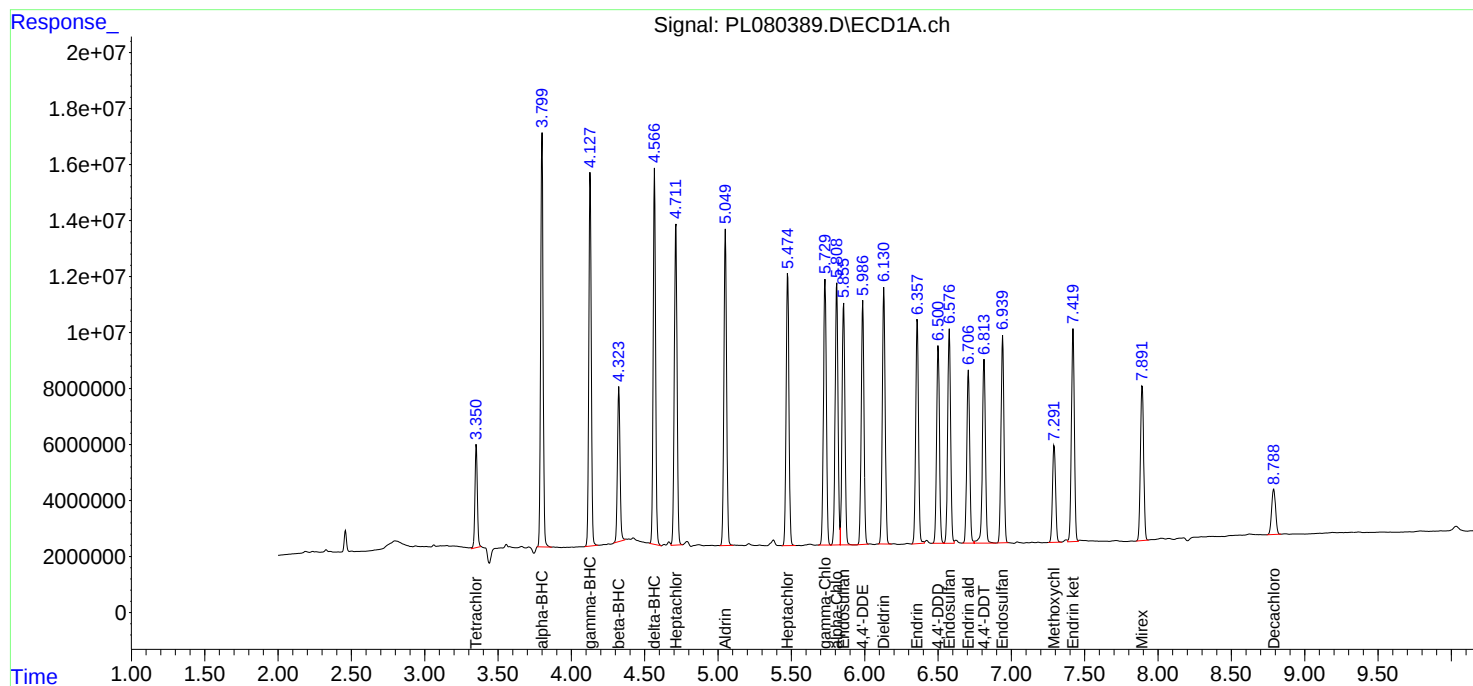
Instrument :
ECD_L
ClientSampleId :
MH-7MSD

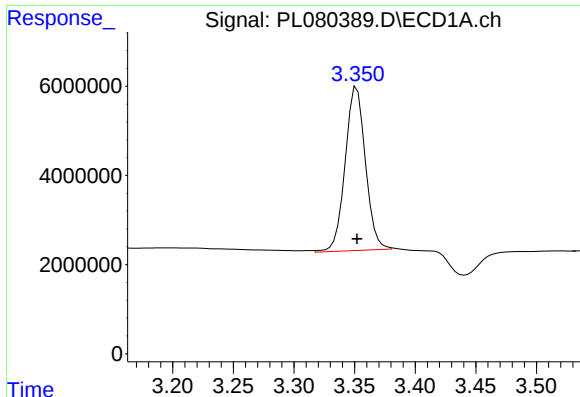
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/19/2023
Supervised By : Ankita Jodhani 01/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 20:31:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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





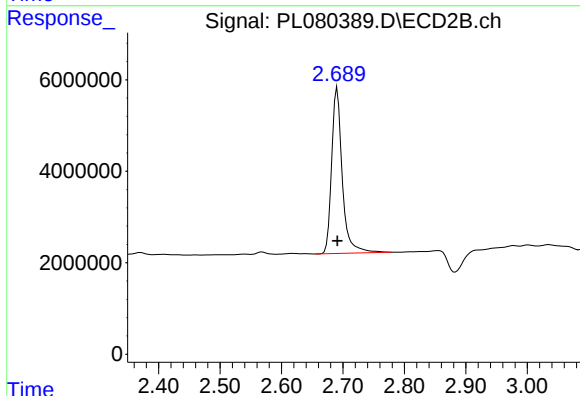
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 42671609
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

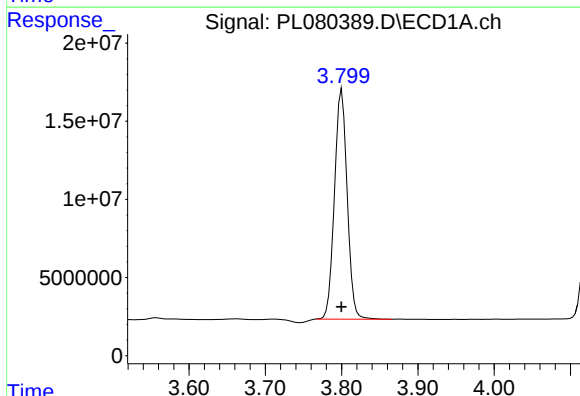
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



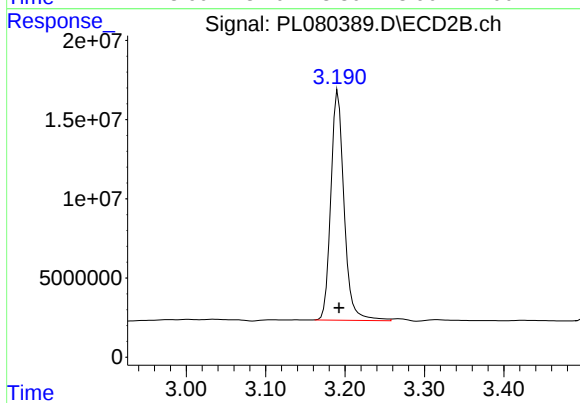
#1 Tetrachloro-m-xylene

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 43502706
Conc: 19.45 ng/ml



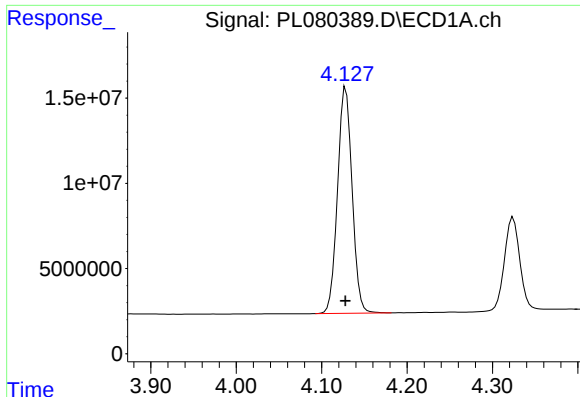
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 169377656
Conc: 58.64 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 167692938
Conc: 52.35 ng/ml



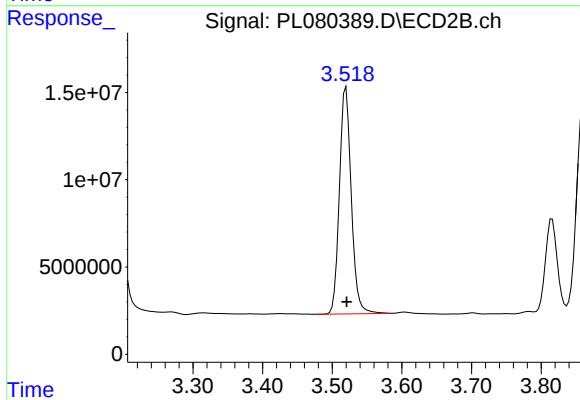
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 157315981
Conc: 58.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

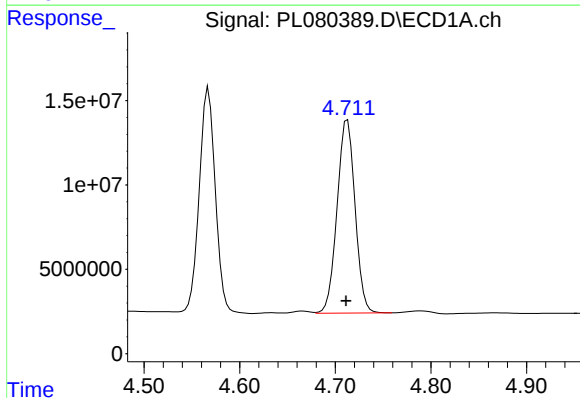
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



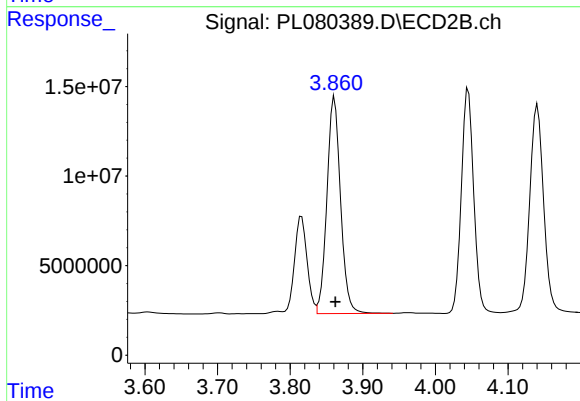
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.001 min
Response: 153738032
Conc: 50.93 ng/ml



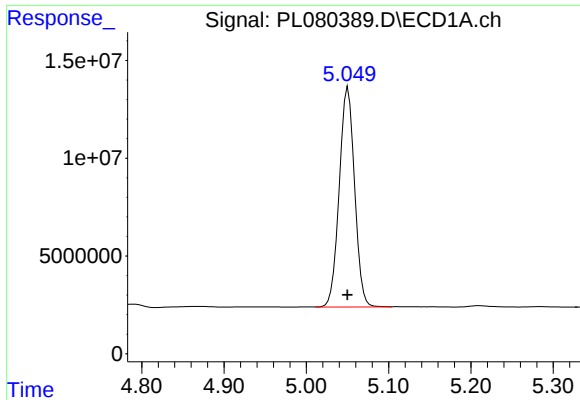
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.001 min
Response: 149537258
Conc: 57.45 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.001 min
Response: 158100205
Conc: 49.11 ng/ml



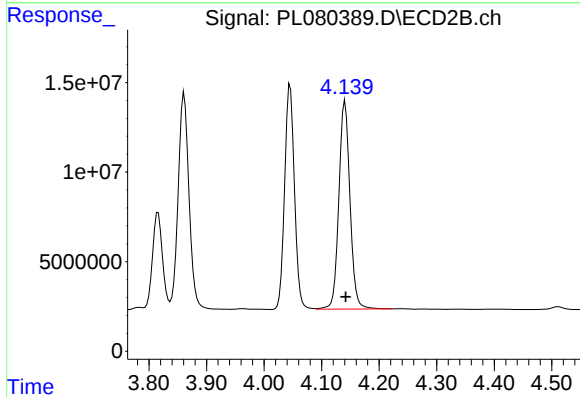
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 145566621
Conc: 61.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

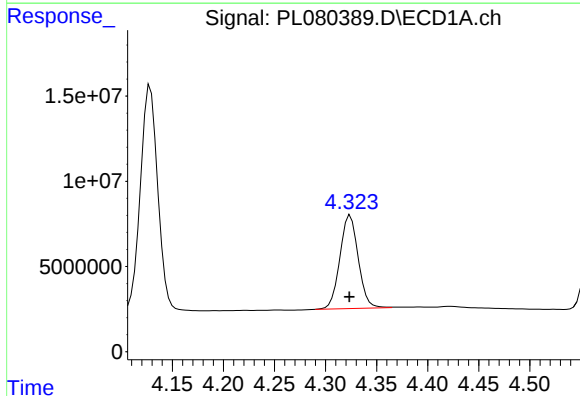
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



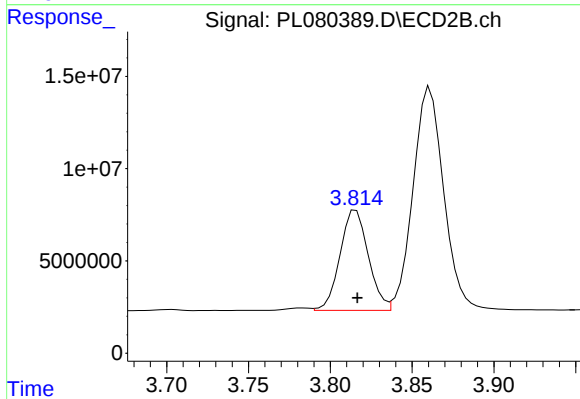
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 156045833
Conc: 52.45 ng/ml



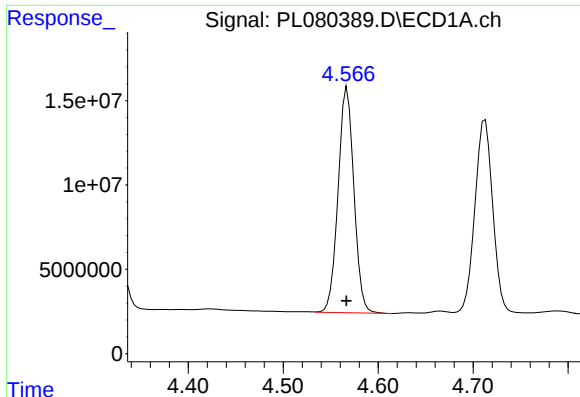
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 68571197
Conc: 58.01 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 65343129
Conc: 48.55 ng/ml



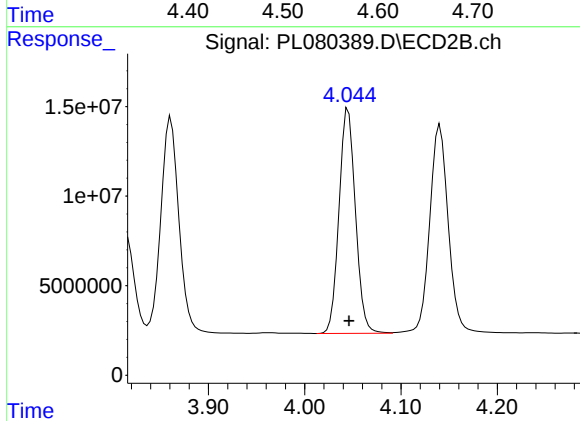
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 154854454
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

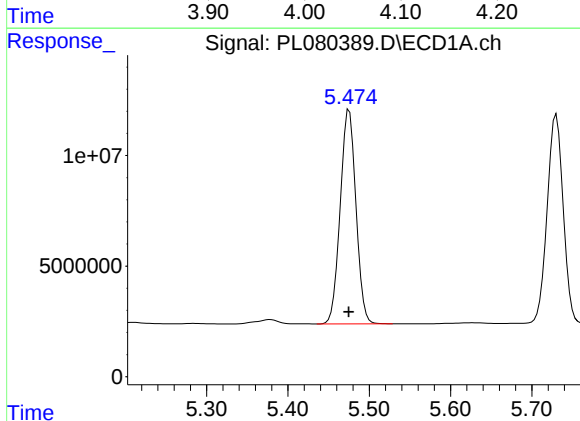
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



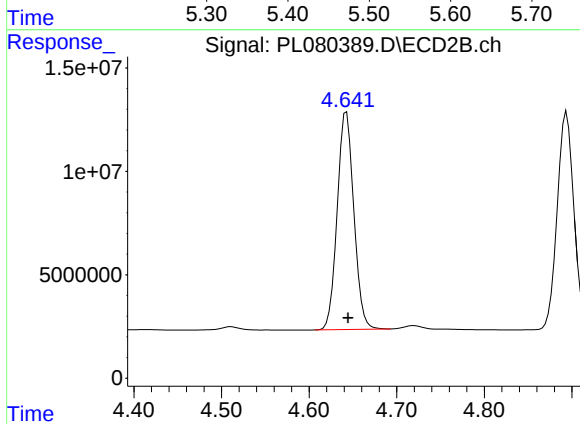
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 148748415
Conc: 51.47 ng/ml



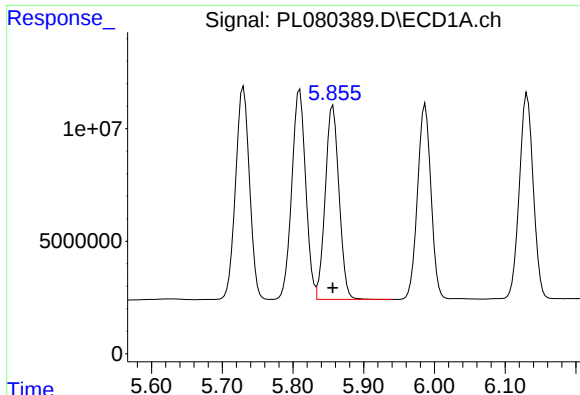
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 129962408
Conc: 58.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 138886915
Conc: 49.53 ng/ml



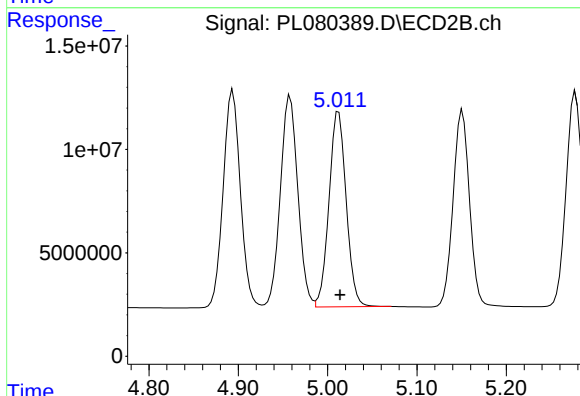
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 117131993
Conc: 57.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

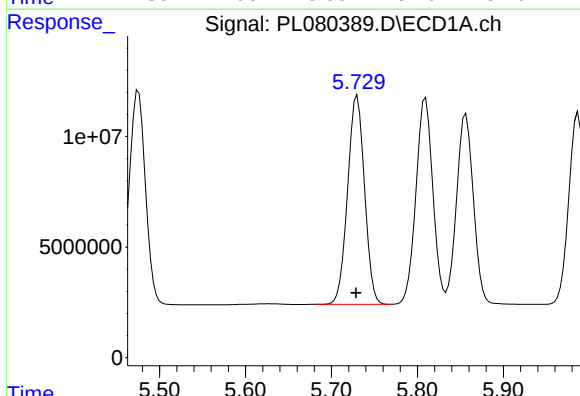
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



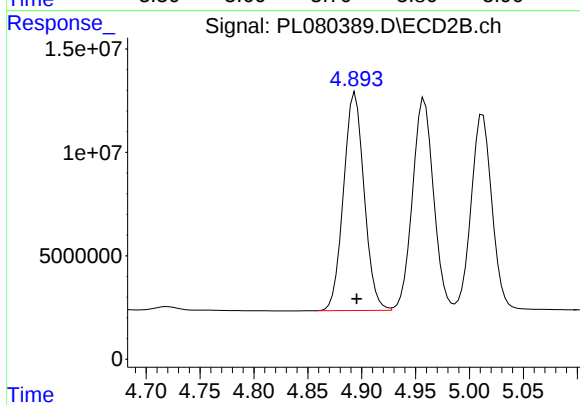
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 126365451
Conc: 48.34 ng/ml



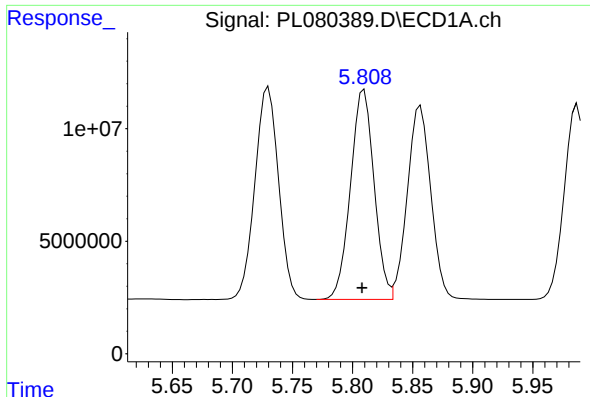
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: 0.002 min
Response: 129569198
Conc: 59.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 140347875
Conc: 49.12 ng/ml



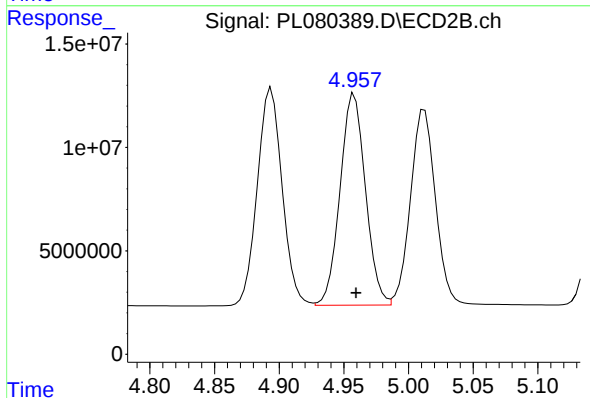
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 127521531
Conc: 58.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

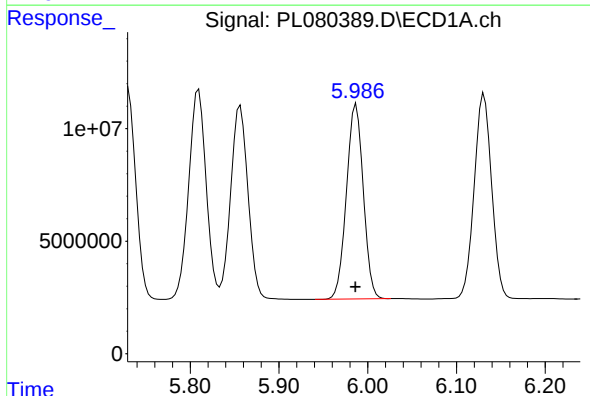
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



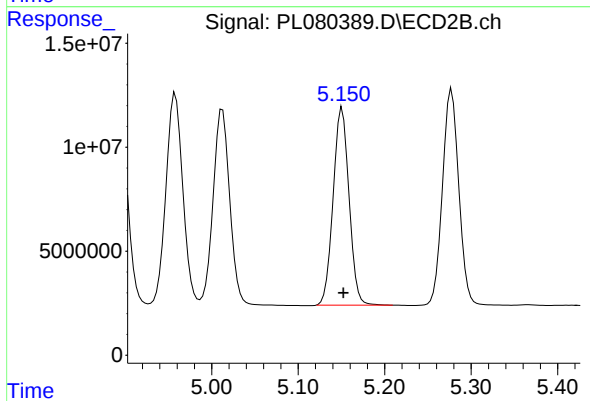
#11 alpha-Chlordane

R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 139521431
Conc: 48.77 ng/ml



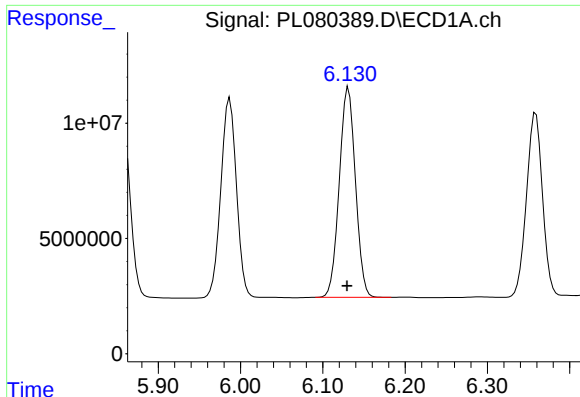
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 114184079
Conc: 58.87 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.001 min
Response: 120883141
Conc: 51.48 ng/ml



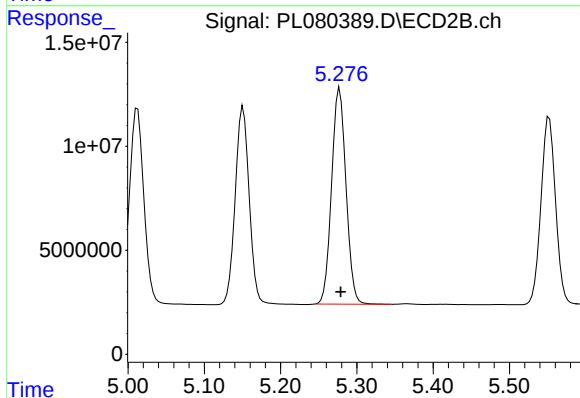
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: 0.001 min
Response: 124240513
Conc: 60.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

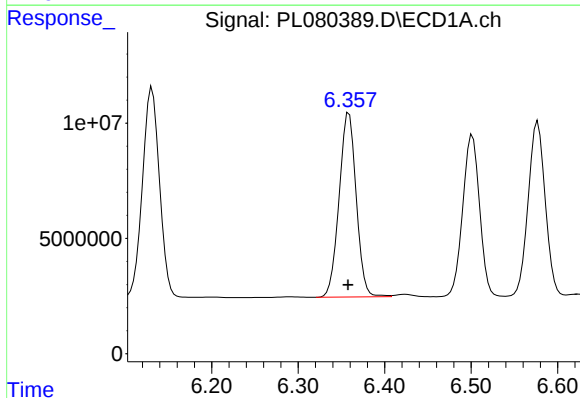
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



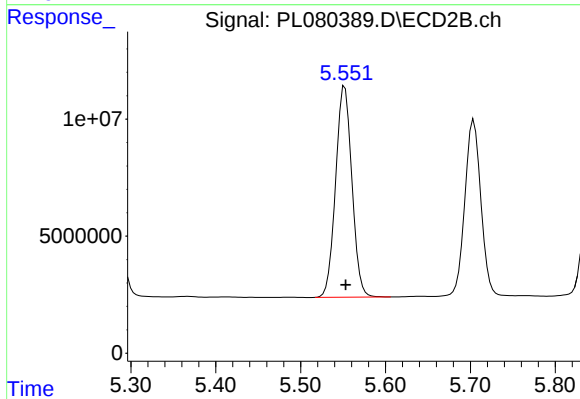
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.001 min
Response: 136075578
Conc: 49.93 ng/ml



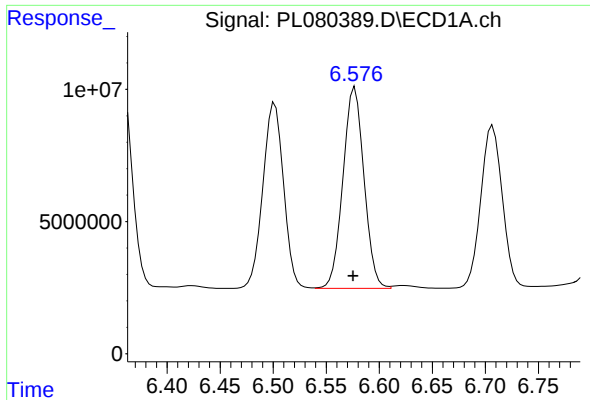
#14 Endrin

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 108979450
Conc: 59.41 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 120216013
Conc: 50.53 ng/ml



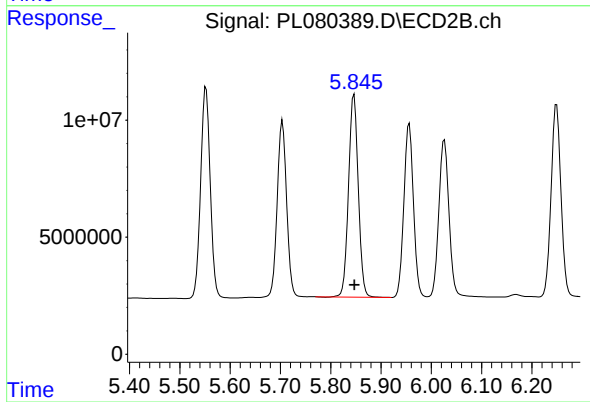
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 104865214
Conc: 54.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

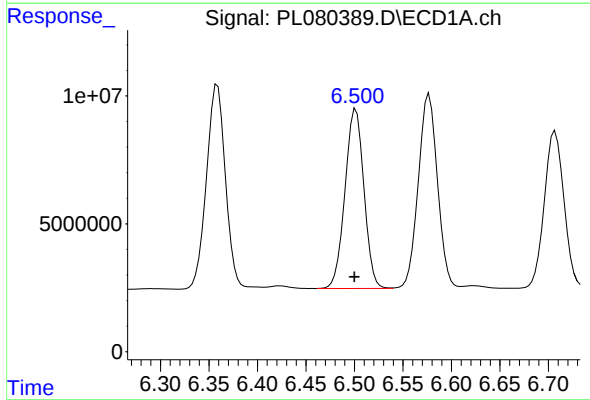
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



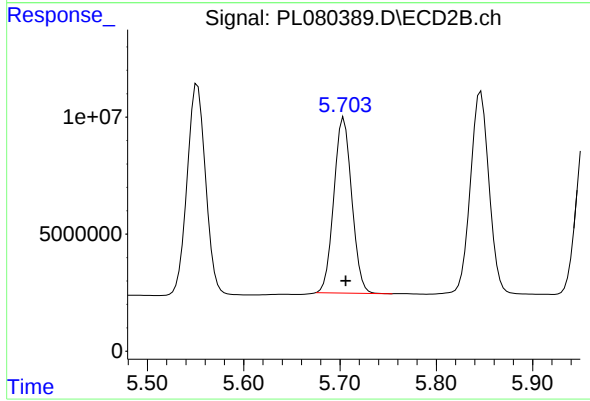
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 116975966
Conc: 48.22 ng/ml



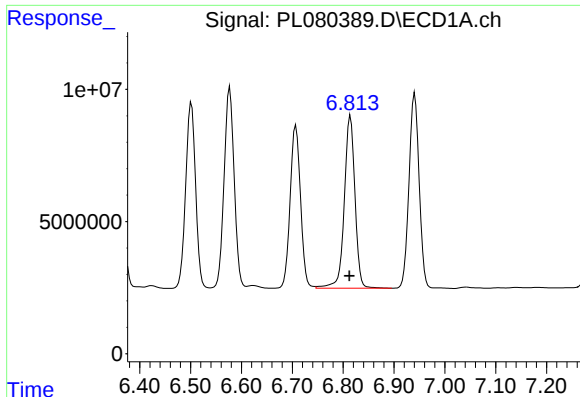
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: 0.001 min
Response: 95351158
Conc: 60.25 ng/ml



#16 4,4'-DDD

R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 96810732
Conc: 52.23 ng/ml



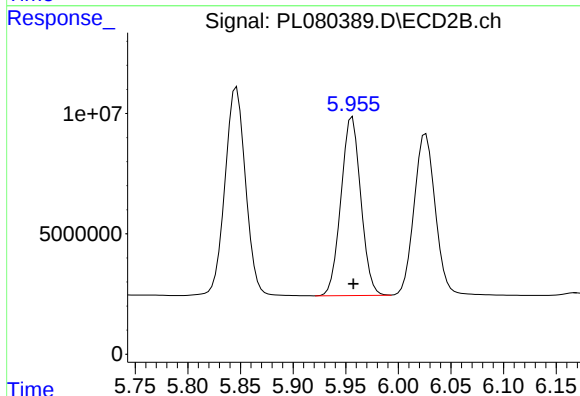
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 95187834
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

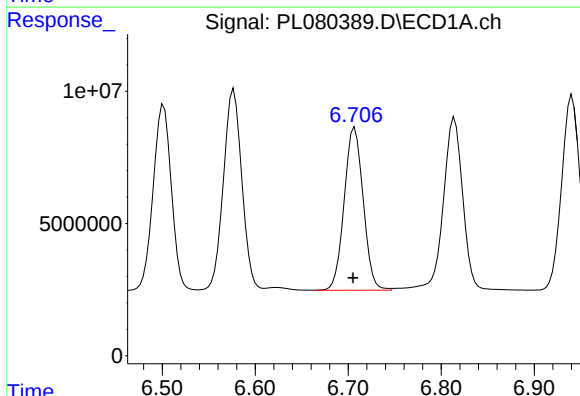
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



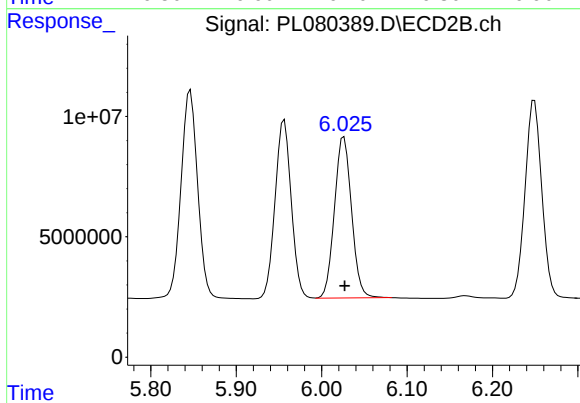
#17 4,4'-DDT

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 97622327
Conc: 46.33 ng/ml



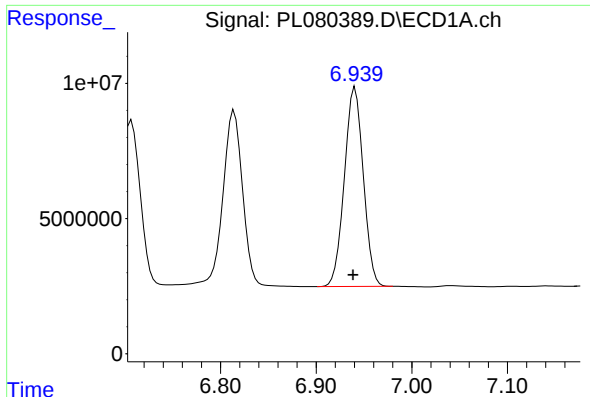
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 87421658
Conc: 60.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 93287368
Conc: 51.24 ng/ml



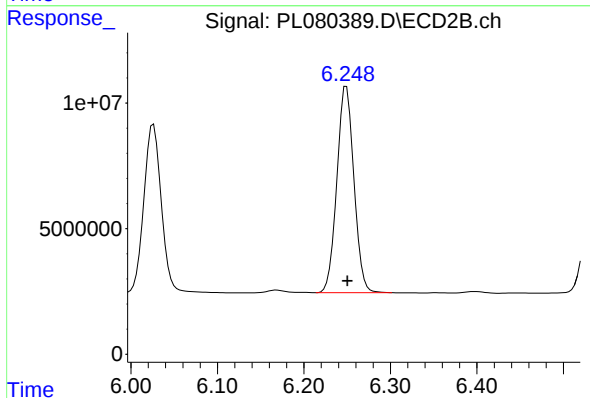
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: 0.002 min
Response: 101755707
Conc: 58.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

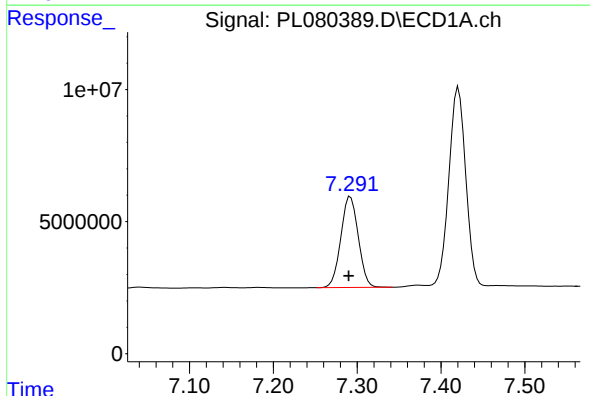
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



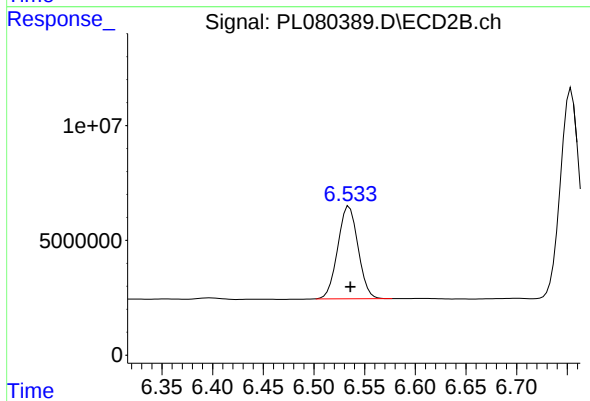
#19 Endosulfan Sulfate

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 112002698
Conc: 48.25 ng/ml



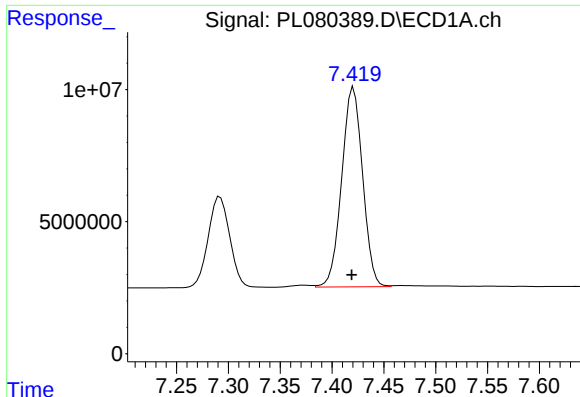
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.002 min
Response: 49898964
Conc: 56.01 ng/ml



#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 56225880
Conc: 46.78 ng/ml



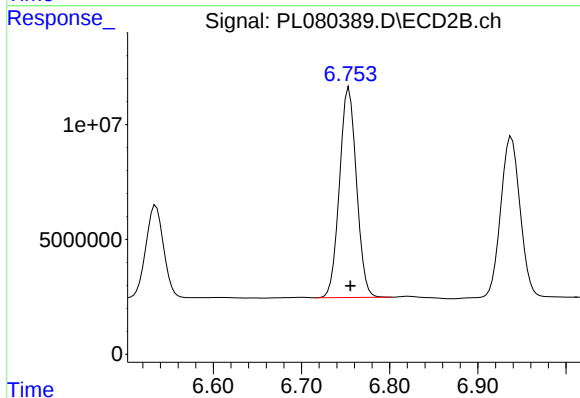
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 106006548
Conc: 56.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

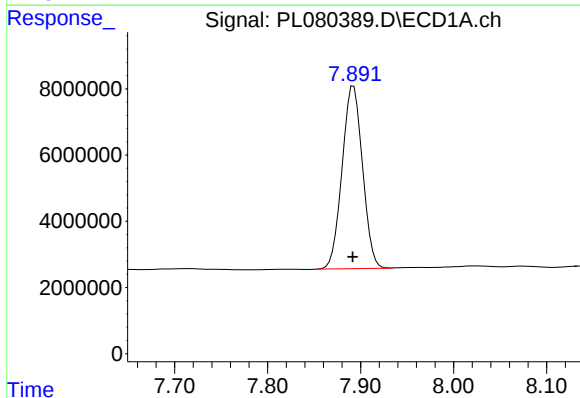
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



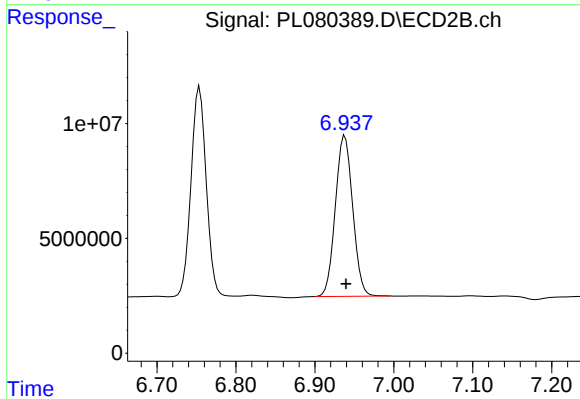
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 122321497
Conc: 48.58 ng/ml



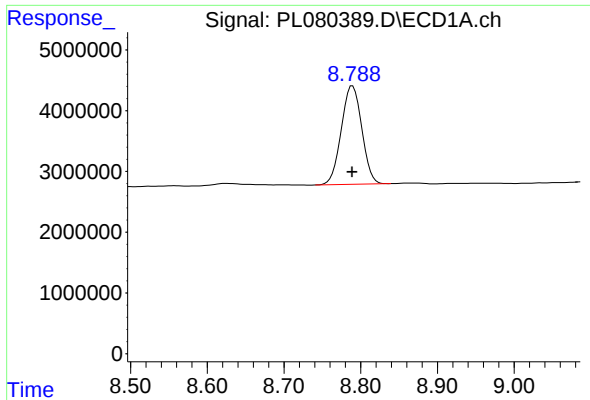
#22 Mirex

R.T.: 7.892 min
Delta R.T.: 0.001 min
Response: 84133256
Conc: 59.48 ng/ml



#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.001 min
Response: 107022759
Conc: 47.55 ng/ml



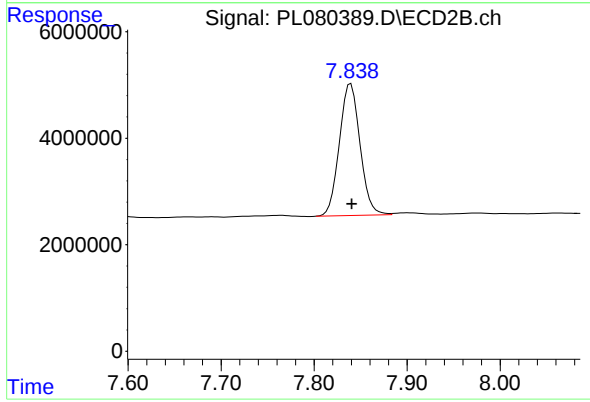
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 30273965
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-7MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2023
Supervised By :Ankita Jodhani 01/19/2023



#28 Decachlorobiphenyl

R.T.: 7.839 min
Delta R.T.: -0.001 min
Response: 38217432
Conc: 17.00 ng/ml