

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
 Data File : PL085305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 12:58
 Operator : AR\AJ
 Sample : 04346-09DL3 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL3

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:34:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.482	2.684	2426083	1300260	0.992	1.144
28)	SA Decachlor...	9.035	7.866	2495919	1890192	1.552	1.420
Target Compounds							
2)	A alpha-BHC	3.942	3.189	60649603	28947446	17.601	17.699
3)	MA gamma-BHC...	4.276	3.521	181.9E6	89554669	54.808	56.112
4)	MA Heptachlor	4.868	3.862	32218615	15238797	9.771	10.041
5)	MB Aldrin	5.211	4.141	56820389	29493907	18.479	19.294
6)	B beta-BHC	4.476	3.823	21061887	10678779	14.902	15.738
7)	B delta-BHC	4.722	4.052	228.7E6	125.2E6	72.347m	80.098
8)	B Heptachlo...	5.640	4.648	125.7E6	72272239	48.147	52.665
9)	A Endosulfan I	6.026	5.018	70162894	36749389	29.214	25.412
10)	B gamma-Chl...	5.898	4.901	112.0E6	60571123	43.111	43.914
11)	B alpha-Chl...	5.977	4.965	43116056	22630741	16.757	15.144
12)	B 4,4'-DDE	6.156	5.163	55976791	33380341	26.929	26.832
13)	MA Dieldrin	6.303	5.285	103.4E6	60991122	42.446	43.384
14)	MA Endrin	6.532	5.561	121.4E6	78532629	58.760	61.439
15)	B Endosulfa...	6.754	5.858	53176328	27926172	26.279	22.553
16)	A 4,4'-DDD	6.676	5.721	85837543	57388431	55.752	54.624
17)	MA 4,4'-DDT	6.991	5.973	21616209	14648382	12.832	12.565
18)	B Endrin al...	6.885	6.040	154.3E6	105.1E6	100.408	102.862
19)	B Endosulfa...	7.120	6.265	192.6E6	126.1E6	102.906	105.049
20)	A Methoxychlor	7.473	6.558	89763609	66472521	98.793	98.812
21)	B Endrin ke...	7.605	6.770	201.6E6	152.8E6	102.934	103.596

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
 Data File : PL085305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 12:58
 Operator : AR\AJ
 Sample : 04346-09DL3 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

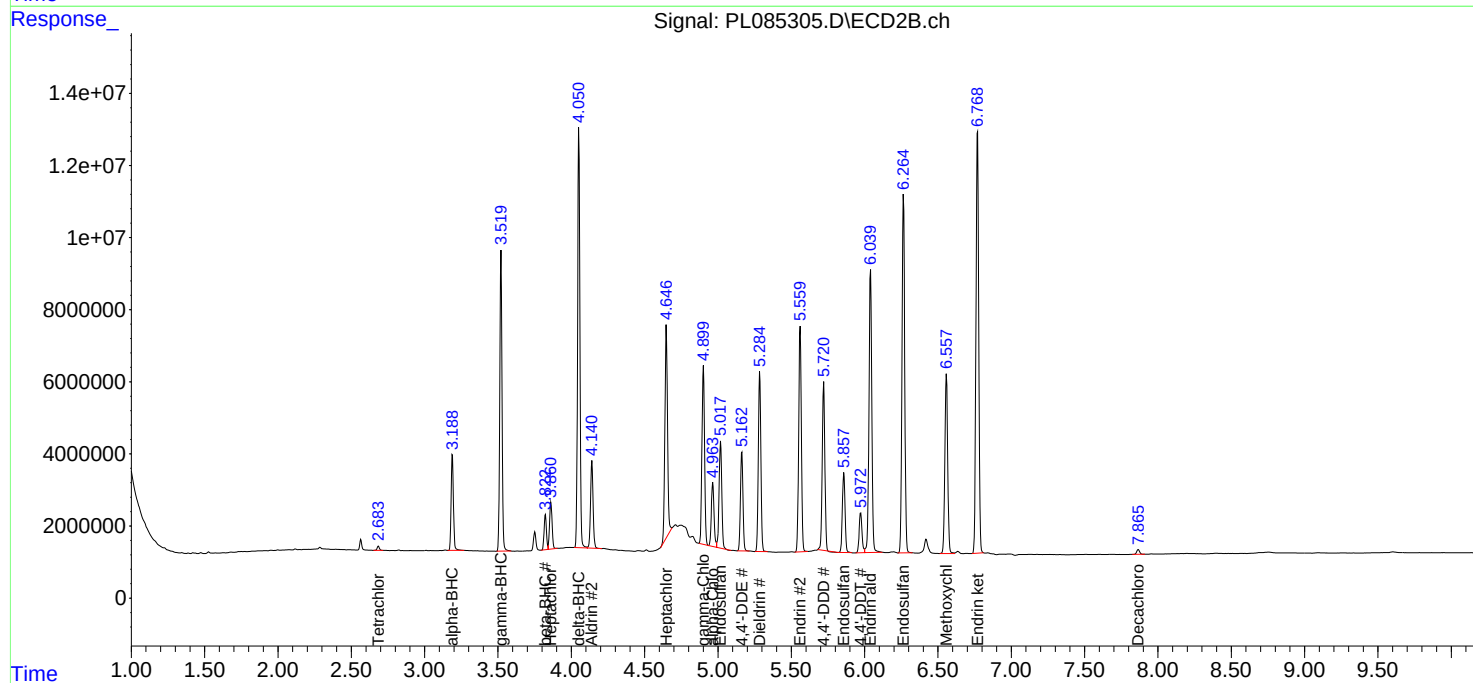
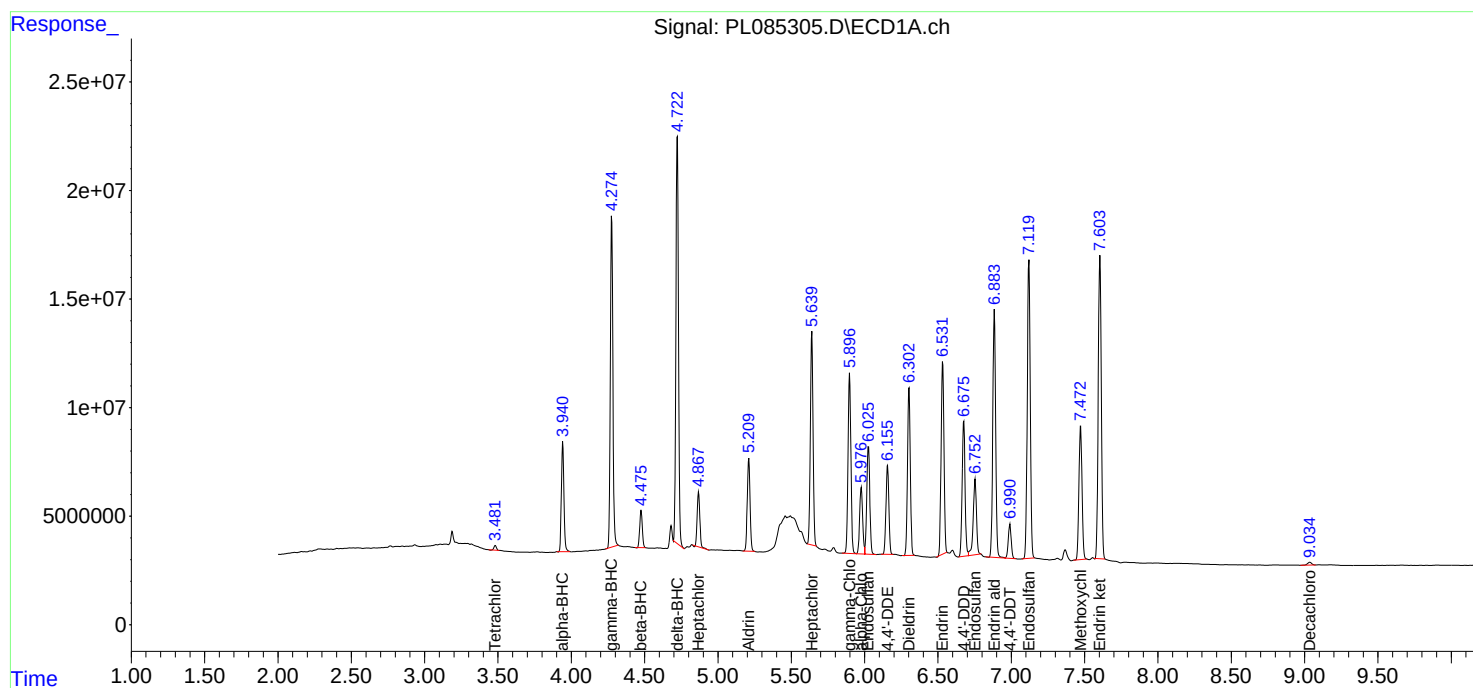
Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL3

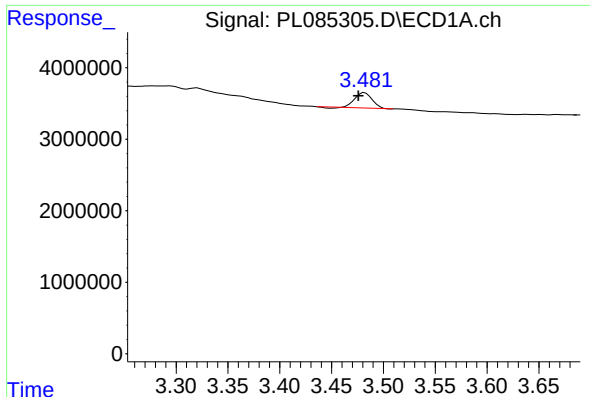
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 09/14/2023
 Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:34:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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





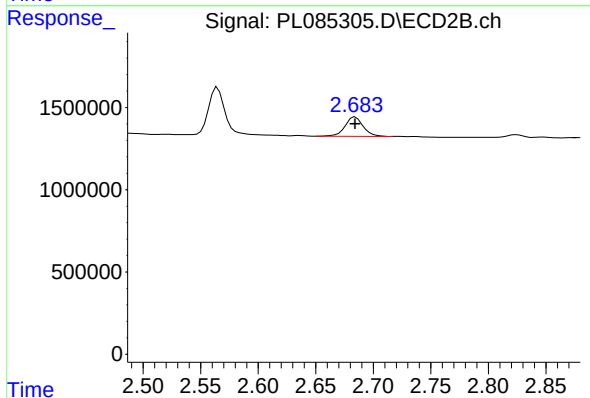
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.006 min
Response: 2426083
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

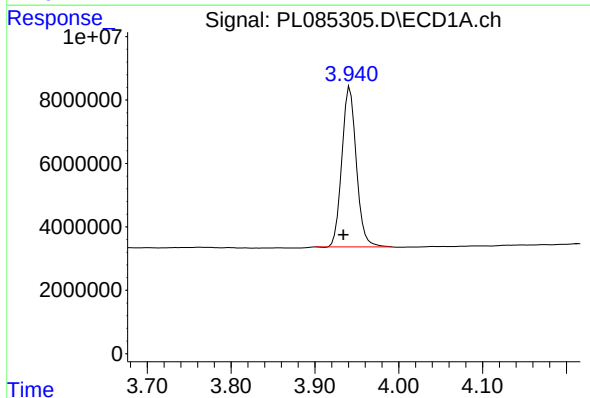
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



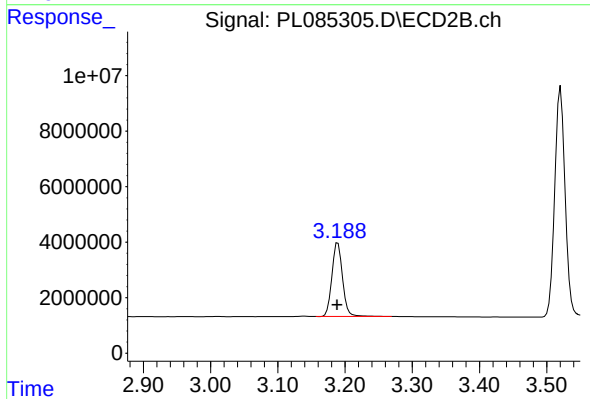
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 1300260
Conc: 1.14 ng/ml



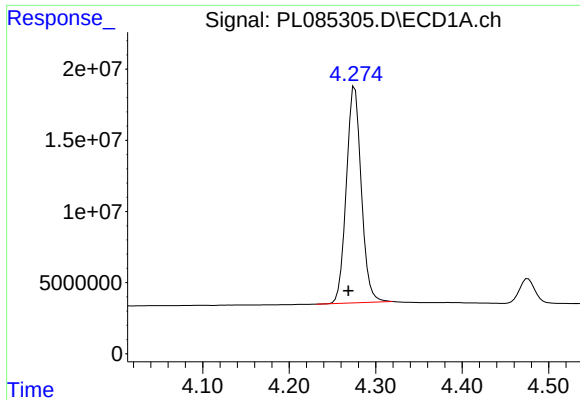
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: 0.008 min
Response: 60649603
Conc: 17.60 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 28947446
Conc: 17.70 ng/ml



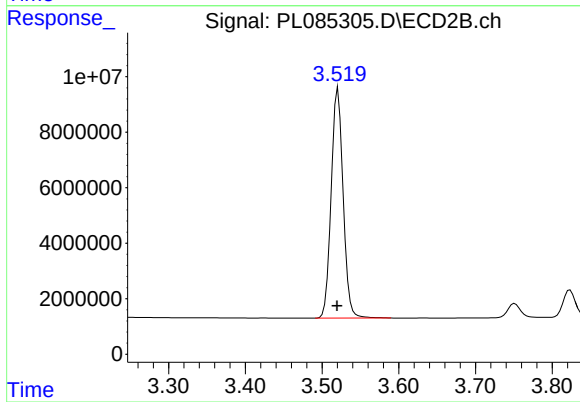
#3 gamma-BHC (Lindane)

R.T.: 4.276 min
Delta R.T.: 0.008 min
Response: 181945396
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

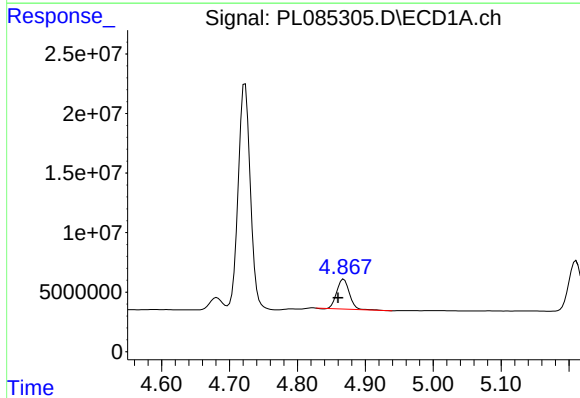
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



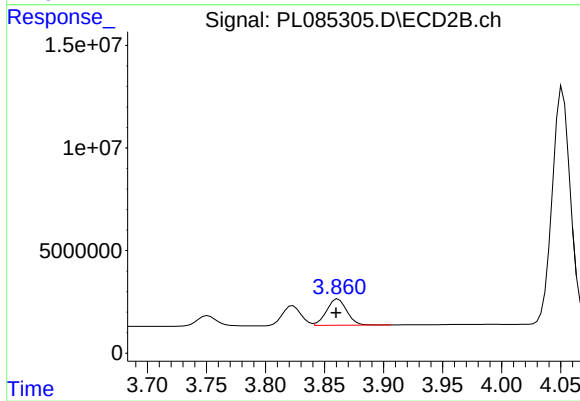
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: 0.001 min
Response: 89554669
Conc: 56.11 ng/ml



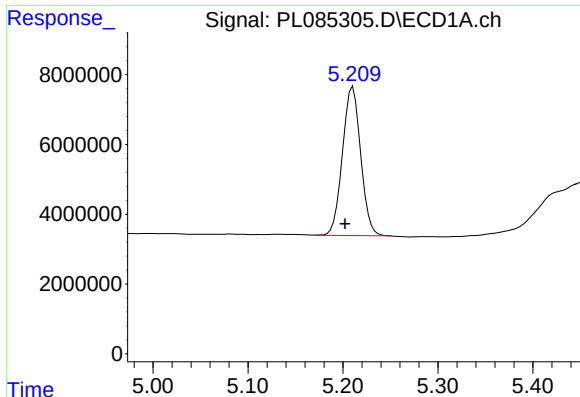
#4 Heptachlor

R.T.: 4.868 min
Delta R.T.: 0.008 min
Response: 32218615
Conc: 9.77 ng/ml



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.002 min
Response: 15238797
Conc: 10.04 ng/ml



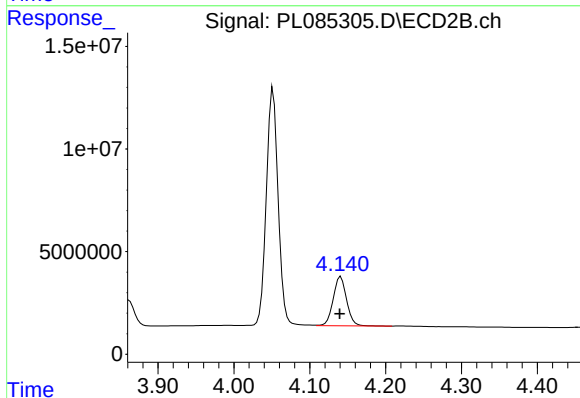
#5 Aldrin

R.T.: 5.211 min
Delta R.T.: 0.008 min
Response: 56820389
Conc: 18.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

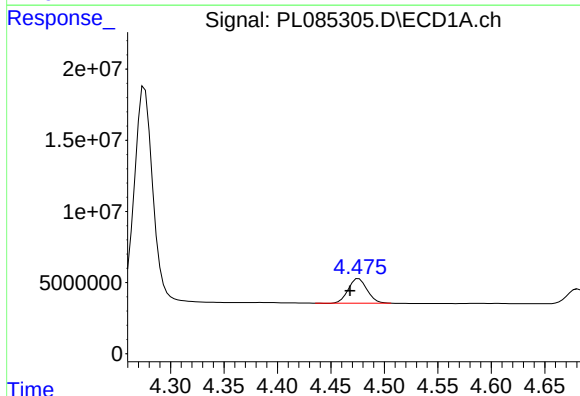
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



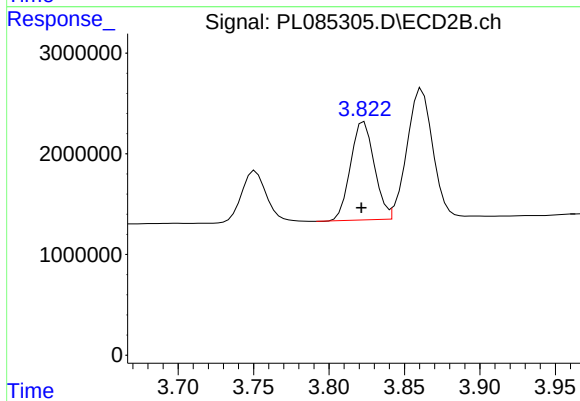
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.002 min
Response: 29493907
Conc: 19.29 ng/ml



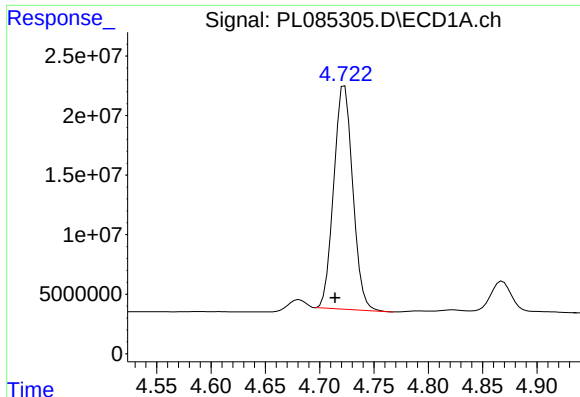
#6 beta-BHC

R.T.: 4.476 min
Delta R.T.: 0.008 min
Response: 21061887
Conc: 14.90 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.002 min
Response: 10678779
Conc: 15.74 ng/ml



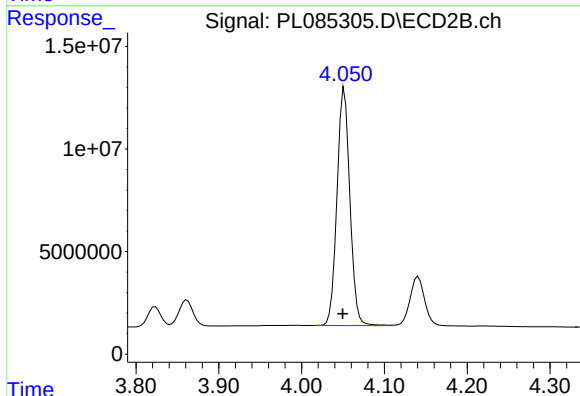
#7 delta-BHC

R.T.: 4.722 min
Delta R.T.: 0.007 min
Response: 228657921
Conc: 72.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

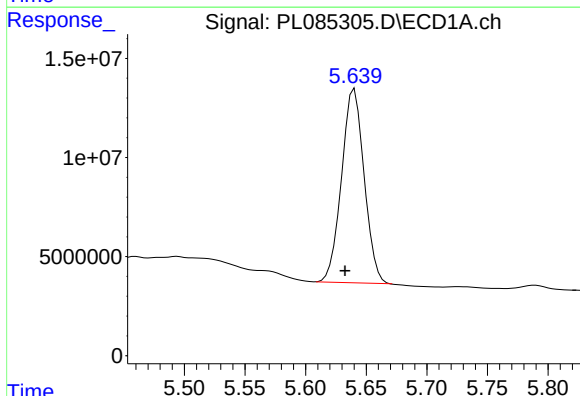
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



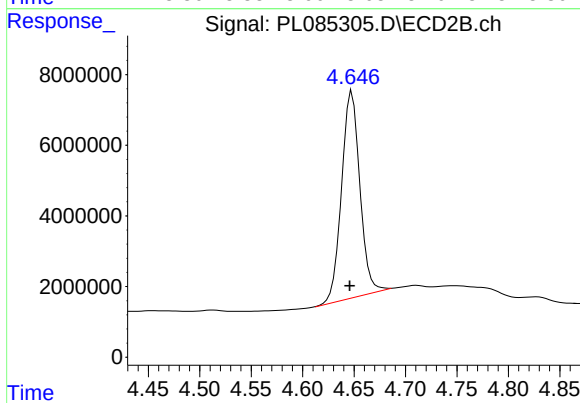
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: 0.002 min
Response: 125243873
Conc: 80.10 ng/ml



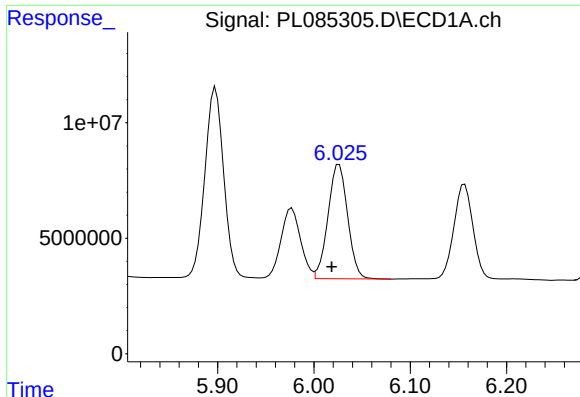
#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.008 min
Response: 125660890
Conc: 48.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: 0.002 min
Response: 72272239
Conc: 52.66 ng/ml



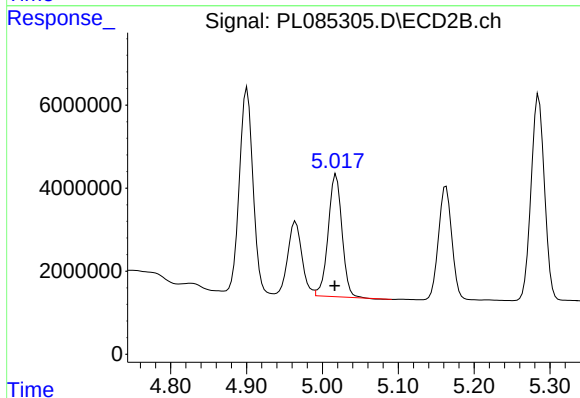
#9 Endosulfan I

R.T.: 6.026 min
Delta R.T.: 0.008 min
Response: 70162894
Conc: 29.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

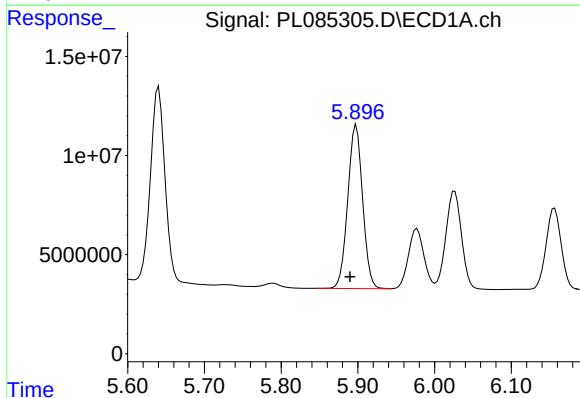
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



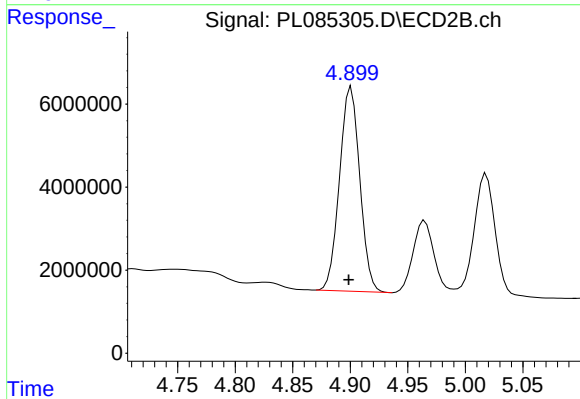
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 36749389
Conc: 25.41 ng/ml



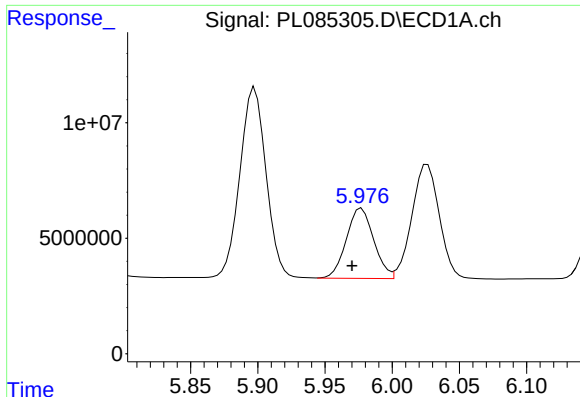
#10 gamma-Chlordane

R.T.: 5.898 min
Delta R.T.: 0.008 min
Response: 111991055
Conc: 43.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: 0.002 min
Response: 60571123
Conc: 43.91 ng/ml



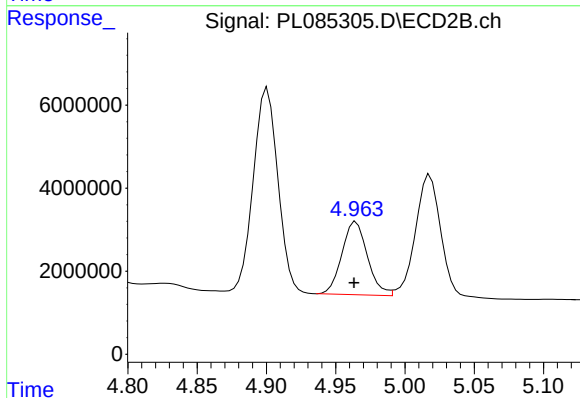
#11 alpha-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.007 min
Response: 43116056
Conc: 16.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

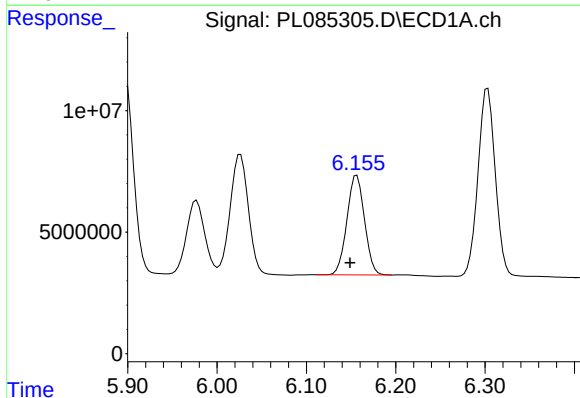
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



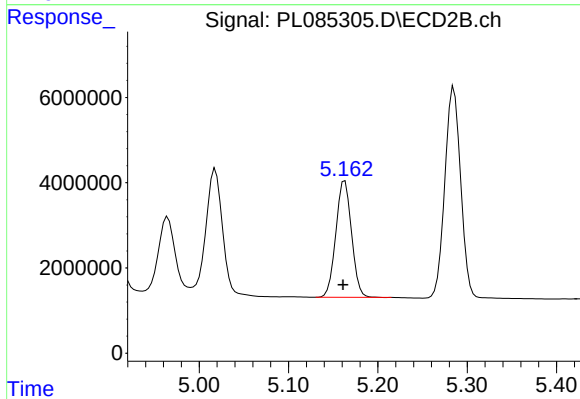
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: 0.002 min
Response: 22630741
Conc: 15.14 ng/ml



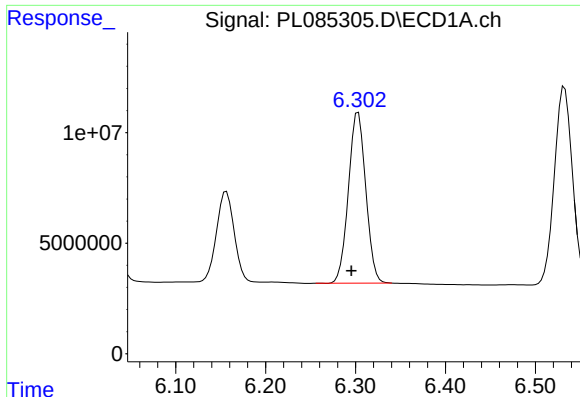
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.007 min
Response: 55976791
Conc: 26.93 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: 0.002 min
Response: 33380341
Conc: 26.83 ng/ml



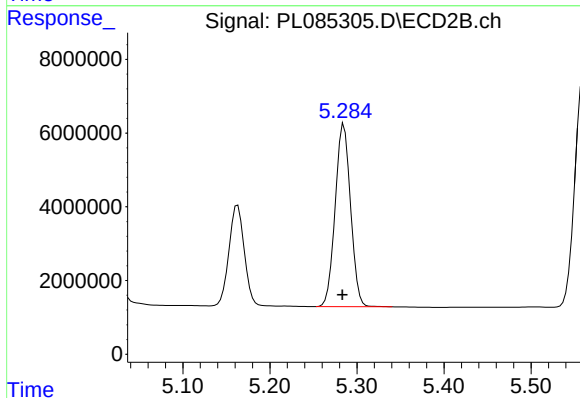
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.008 min
Response: 103420334
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

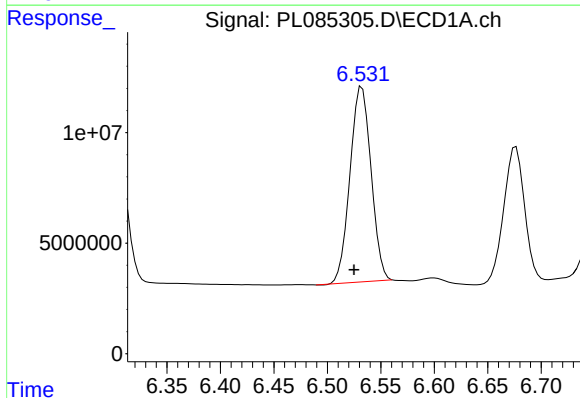
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



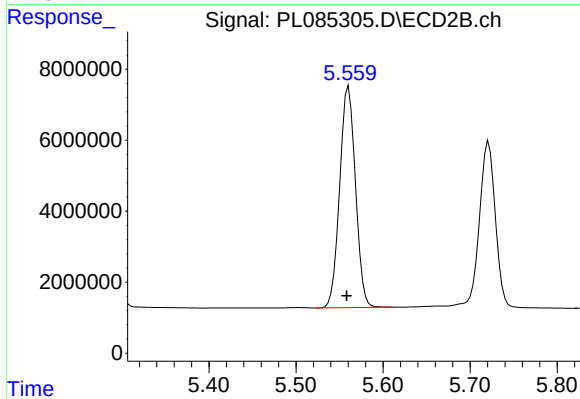
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 60991122
Conc: 43.38 ng/ml



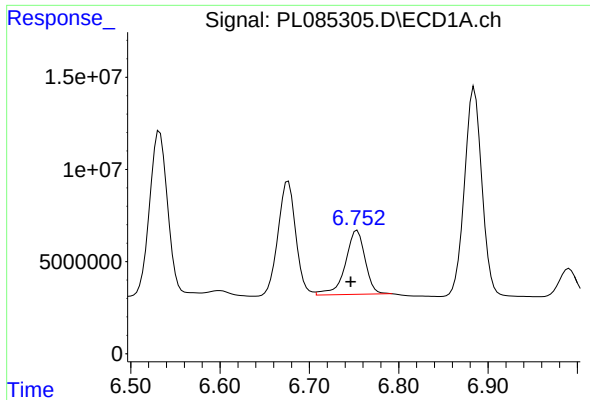
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 121378263
Conc: 58.76 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 78532629
Conc: 61.44 ng/ml



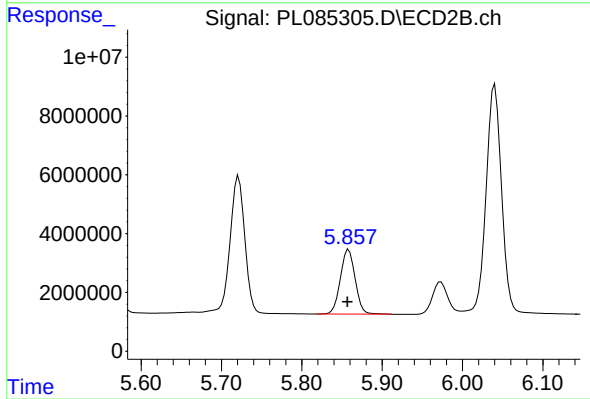
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.007 min
Response: 53176328
Conc: 26.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

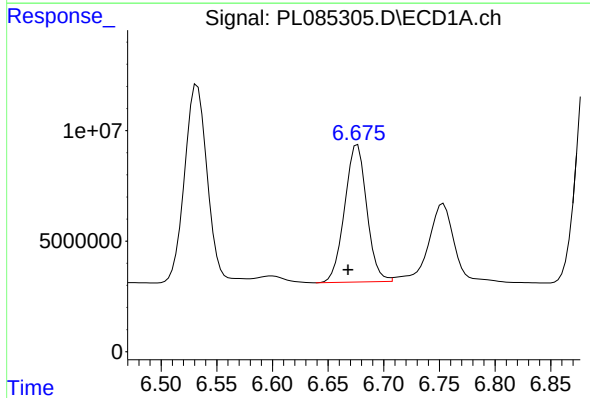
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



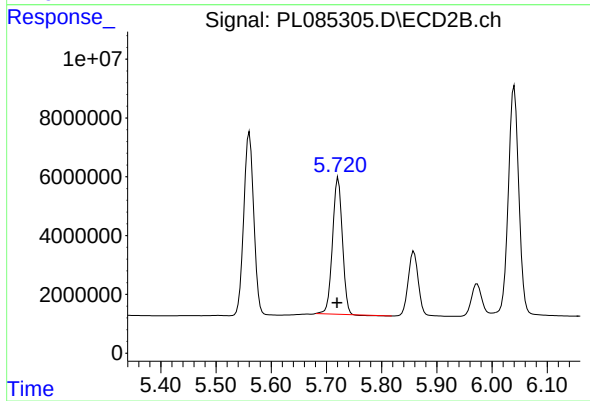
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: 0.002 min
Response: 27926172
Conc: 22.55 ng/ml



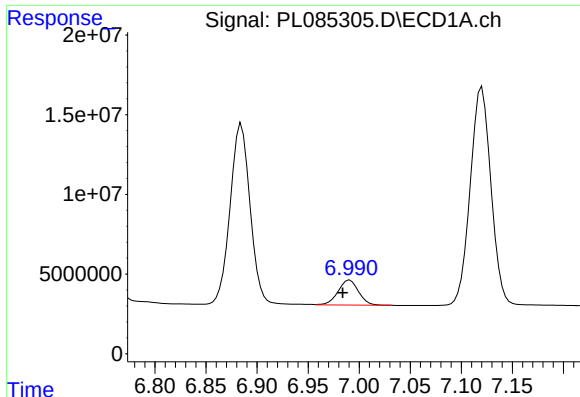
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.009 min
Response: 85837543
Conc: 55.75 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 57388431
Conc: 54.62 ng/ml



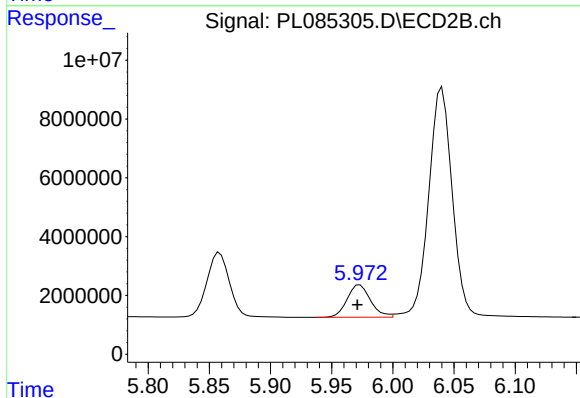
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.007 min
Response: 21616209
Conc: 12.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

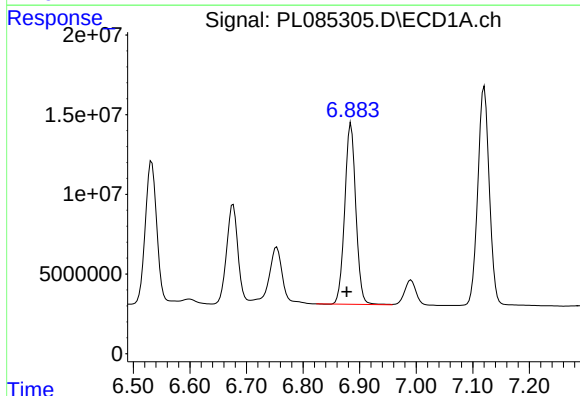
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



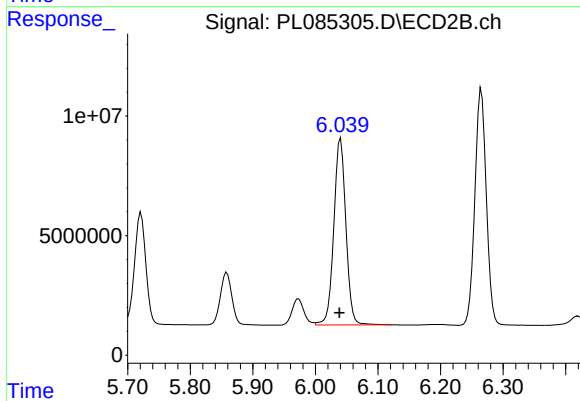
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: 0.002 min
Response: 14648382
Conc: 12.56 ng/ml



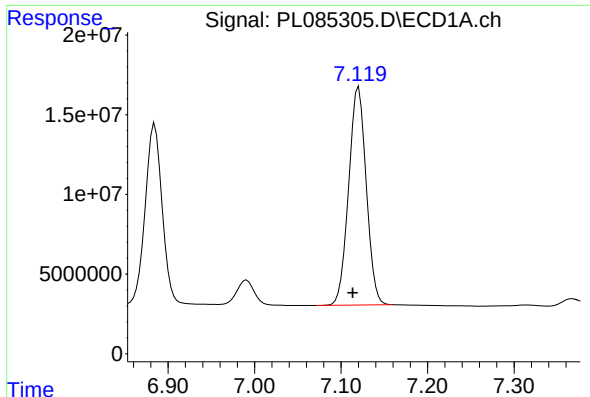
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: 0.007 min
Response: 154341255
Conc: 100.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 105066428
Conc: 102.86 ng/ml



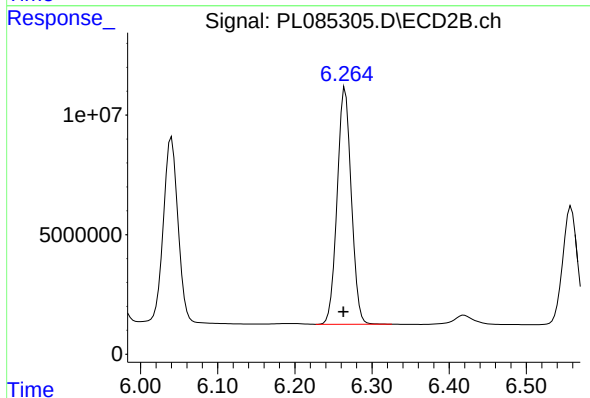
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.007 min
Response: 192621450
Conc: 102.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

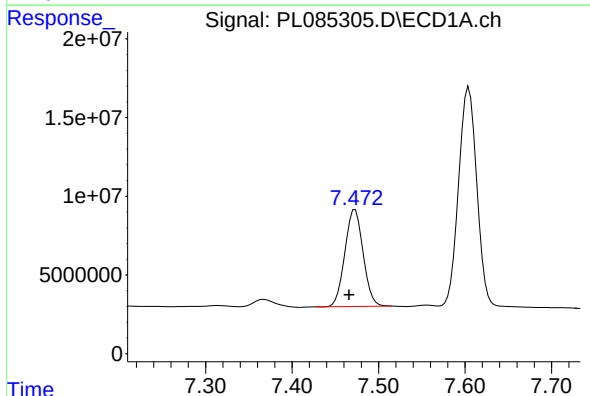
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



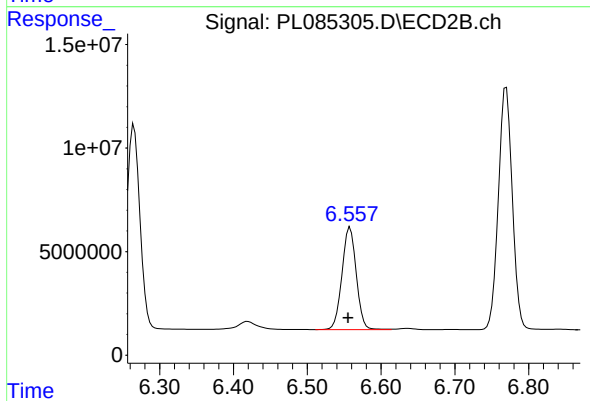
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 126058018
Conc: 105.05 ng/ml



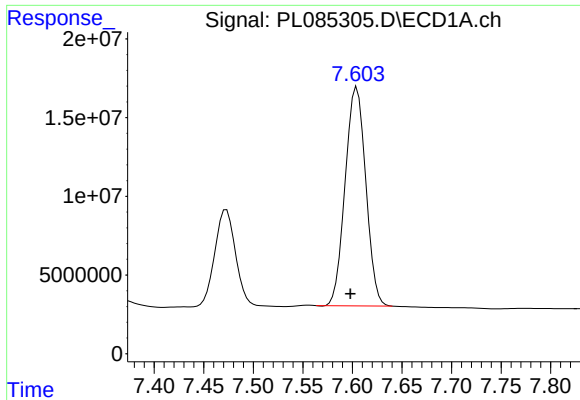
#20 Methoxychlor

R.T.: 7.473 min
Delta R.T.: 0.007 min
Response: 89763609
Conc: 98.79 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.003 min
Response: 66472521
Conc: 98.81 ng/ml



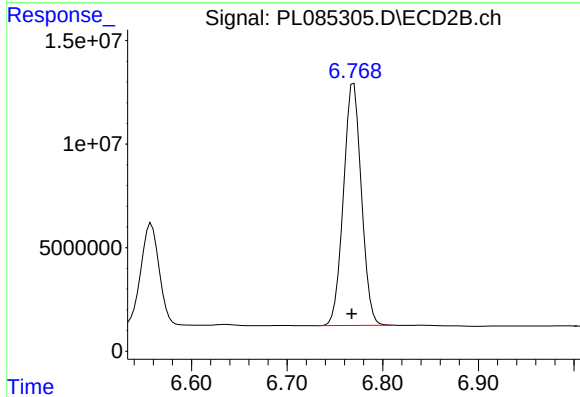
#21 Endrin ketone

R.T.: 7.605 min
Delta R.T.: 0.006 min
Response: 201633700
Conc: 102.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL3

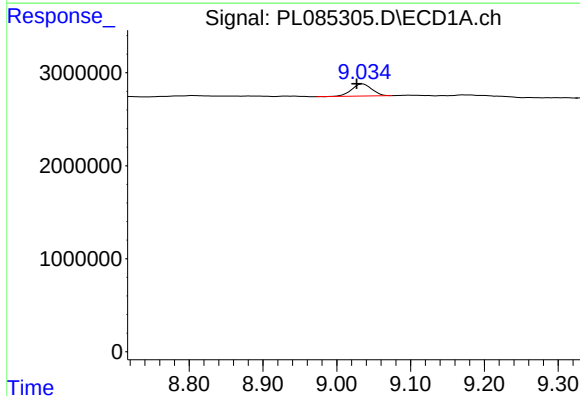
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



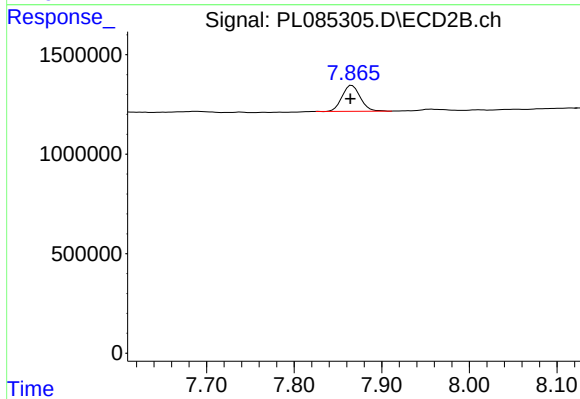
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.002 min
Response: 152801154
Conc: 103.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.035 min
Delta R.T.: 0.008 min
Response: 2495919
Conc: 1.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: 0.002 min
Response: 1890192
Conc: 1.42 ng/ml