Supplementary Information (SI) for Materials Advances.

Promising Wound Healing Activity of *Saussurea costus* Loaded PCL-Gelatin Nanofibers

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Gas Chromatography

Gas chromatogram and compounds present in the ethanolic root extract of Sc with the corresponding percentage are shown **Figure S1and Table S1**, respectively.

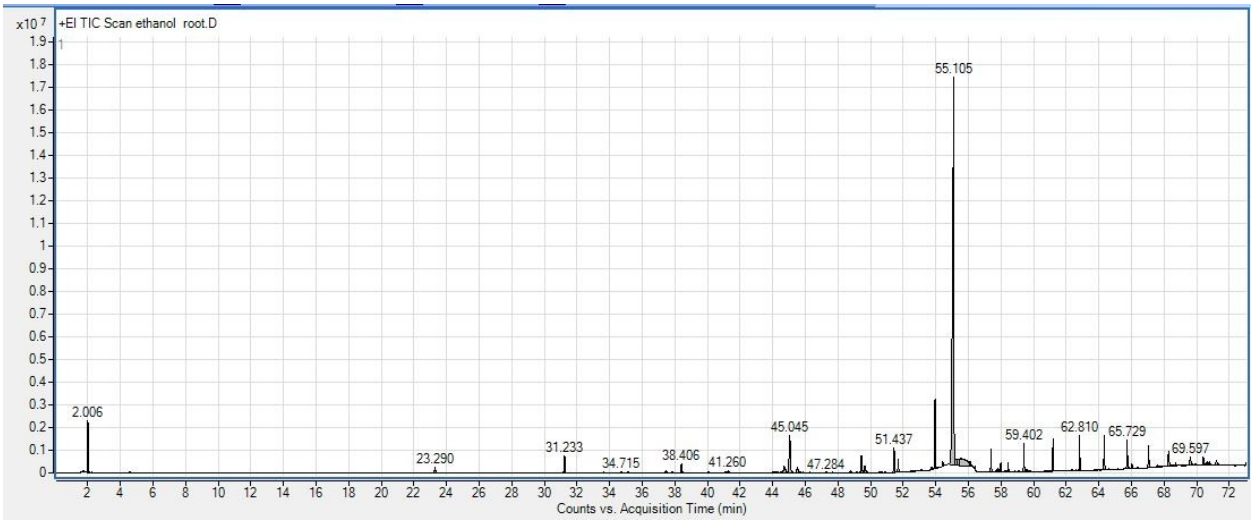

Figure S1. Gas chromatogram of the ethanolic extract of Sc

Table S1. GC analysis of Sc root ethanolic extract.

No.	Area %	Compound
1	0.065	2,5-Octadecadiynoic acid, methyl ester
2	0.076	Cholest-5-en-3-ol (3β)-
3	2.845	6-Hepten-3-one, 5-hydroxy-4-methyl
4	0.102	Germacrene B
5	0.184	trans-Caryophyllene
6	0.087	α-Ionone
7	0.293	β-Chamigrene
8	0.129	α-selinene
9	0.096	Elemol
10	0.098	Junipene
11	0.213	(-)-Caryophyllene oxide
12	0.100	β-Selinenol
13	0.139	α-Eudesmol

14	0.081	1,4,8-Dodecatriene, (E,E,E)-
15	1.274	β-Costol
16	5.22	9,12,15-Octadecatrien-1-ol, (Z,Z,Z)-
17	0.088	Eremophilone
18	0.080	Bergamotol, Z-α-trans-
19	0.072	Andrographolide
20	0.113	Bergamotol, Z-α-trans-
21	0.098	Santalol, cis,α-
22	0.297	2-(4a,8-Dimethyl-1,2,3,4,4a,5,6,7-octahydro-naphthalen-2-yl)-prop-2-en-1-ol
23	0.094	α-Santalol
24	1.877	β-Costol-
25	0.960	γ-costol
26	0.195	Aromadendrene oxide-(2)
27	0.083	β-Eudesmol
28	1.044	1,3-Bis(4-chlorobenzyl)-5,6-dihydrobenzo[f]quinazoline
29	5.497	Dihydrodehydrocostus lactone
30	0.336	Costunlide
31	63.139	Eremanthin
32	11.612	Dehydro -Saussurea lactone
33	0.151	Ethyl linoleate
34	0.209	Reynosin
35	0.659	Santamarine
36	0.135	Bicyclo[4.4.0]dec-2-ene-4-ol, 2-methyl-9-(prop-1-en-3-ol-2-yl)-
37	0.725	Reynosin
38	0.102	Retinal
38	0.205	Arachidonic acid methyl ester
40	0.208	Brassicasterol acetate

41	0.066	Linoleic acid, 2,3-bis-(O-TMS)-propyl ester
42	0.698	Betulin
43	0.230	Dimethoxy glycerol docosyl ether

Release Kinetics

Release kinetics model plots with their correlation coefficient (R^2) for PCL-GL-2% Sc, PCL-GL-4%Sc, and PCL-GL-6% Sc nanofibers are presented in **Figure S2.**

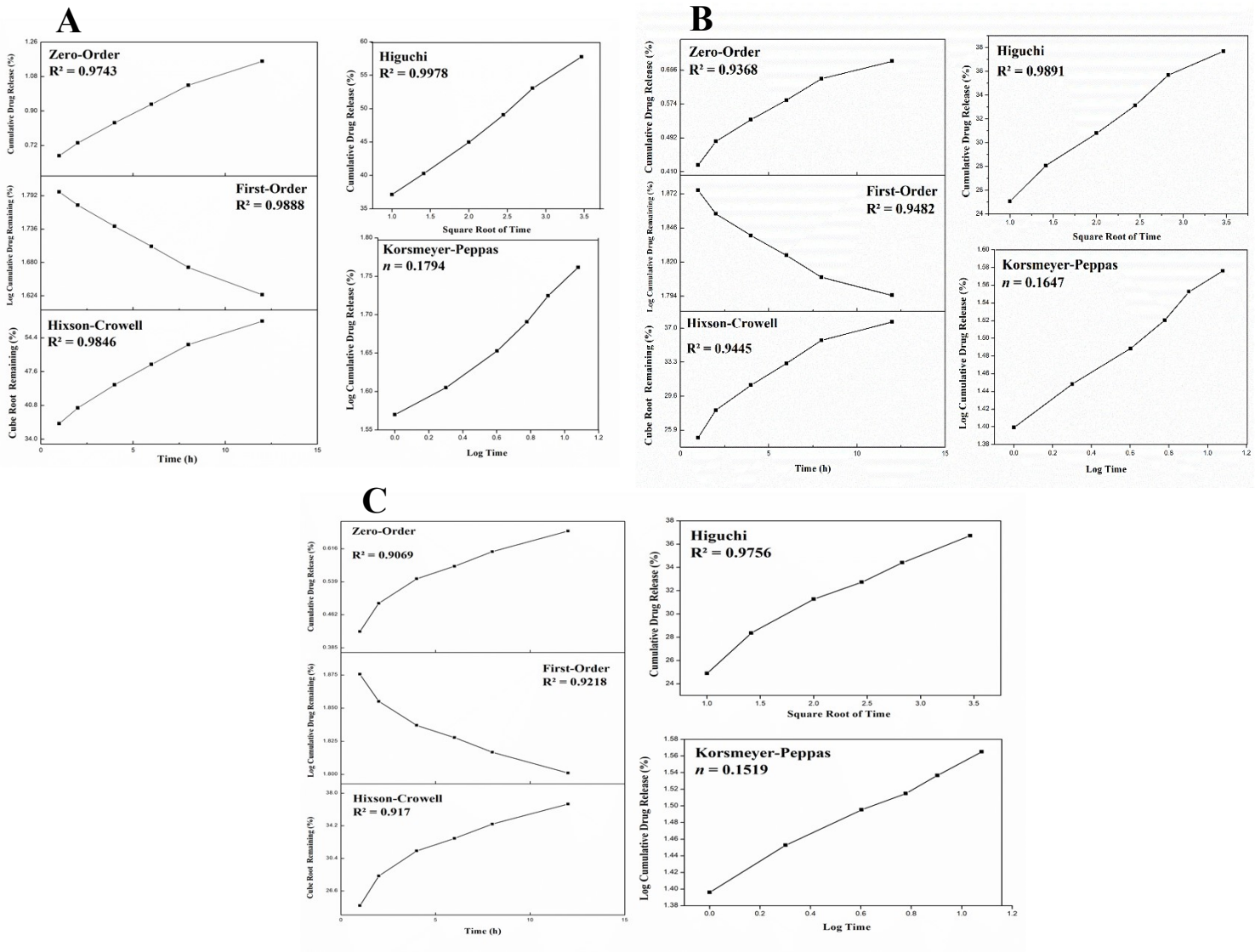

Figure S2. (A) Release kinetic models of PCL-GL-2% Sc, **(B)** Release kinetic models of PCL-GL-4% Sc, and **(C)** Release kinetic models of PCL-GL-6% Sc.