

Supplementary data

Fabrication of nanofibers based on hydroxypropyl starch/polyurethane loaded with the biosynthesized silver nanoparticles for the treatment of pathogenic microbes in wounds

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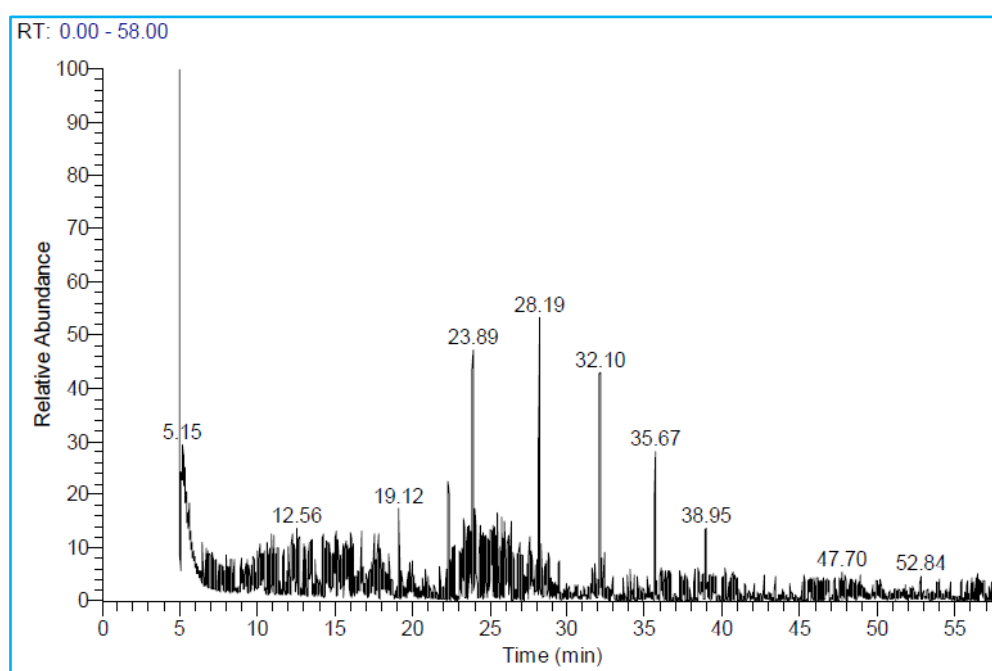


Figure S1. GC-MS chromatogram of *Nerium oleander* extract.

Table S1. Chemical compositions of *Nerium oleander* extract.

No.	R _t	Area% ^a	M.W.	M.F.	Identified compounds	Class/Category
1	5.15	12.04	266		C ₁₈ H ₃₄ O ₅ -Octadecenal	Fatty aldehydes
2	19.12	2.15	224		C ₁₆ H ₃₂ -Hexadecene	Unbranched alkene
3	22.34	2.71	206	C ₁₃ H ₁₈ O ₂	2-Allyl-5-t-butylhydroquinone	Hydroquinone derivatives
4	23.33	1.21	692	C ₄₄ H ₄₄ N ₄ O ₄	N,N'-Dicyclohexyl-1,7-dipyrrolidinylperylene-3,4:9,10-tetracarboxylicacidbisimide	Pyrrolidine derivatives
5	23.89	5.70	490	C ₃₅ H ₇₀	17-Pentatriacontene	Long-chain alkane
6	24.04	1.70	242	C ₁₃ H ₂₂ O ₄	Oxalic acid, allyl octyl ester	Diester
7	25.77	1.38	760	C ₄₈ H ₅₆ O ₈	Methoxychromene precocene tetramer	Chromenes
8	25.90	1.51	678	C ₄₅ H ₅₈ O ₅	7,13,19,25-Tetratertbutyl-27,28,29,30-tetrahydroxy-2,3-bishomo-3-oxacalix[4]arene	Tetratertbutyl derivatives
9	27.45	1.39	688	C ₄₂ H ₅₆ O ₈	2,3-Diacetoxy-6,7,10,11-tetrapentyloxytriphenylene	Triphenylenes
10	28.19	5.92	200	C ₁₃ H ₂₈ O	1-Tridecanol	Long-chain fatty alcohol
11	28.31	1.21	618	C ₄₄ H ₉₀	Tetratetracontane	Long-chain alkane
12	32.10	5.0	266	C ₁₉ H ₃₈	(cis)-2-nonadecene	Unsaturated aliphatic hydrocarbons
13	35.67	3.15	382	C ₂₆ H ₅₄ O	1-Hexacosanol	Long-chain fatty alcohol
14	38.95	2.05	326	C ₂₂ H ₄₆ O	1-Docosanol	Long-chain fatty alcohol
T% 47.12						

R_t: Retention time; **M.W.:** Molecular weight; **M.F.:** Molecular formula.