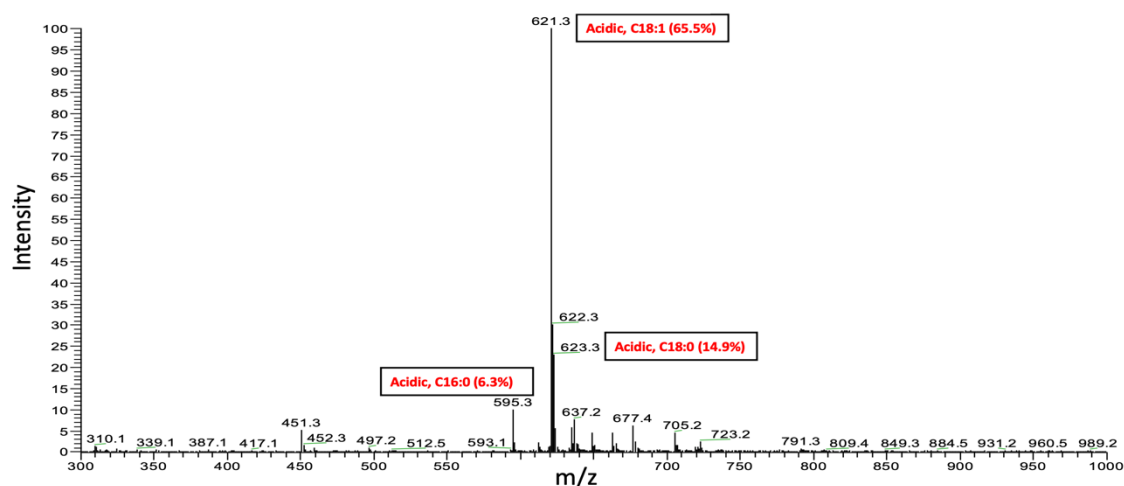
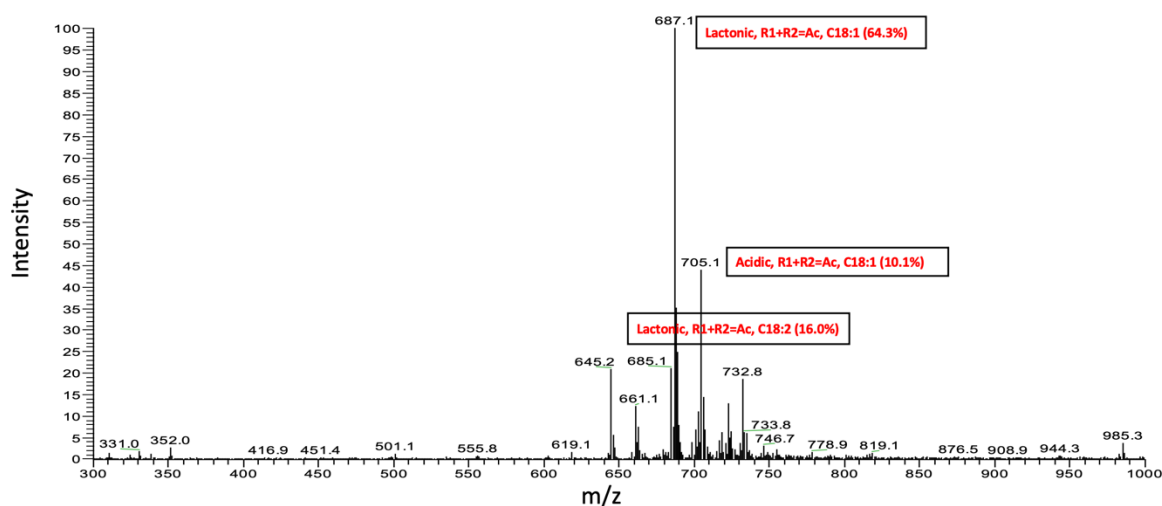


Supplementary Materials: Biosurfactants as Anti-cancer Agents: Glycolipids Affect Skin Cells in a Differential Manner Dependent on Chemical Structure

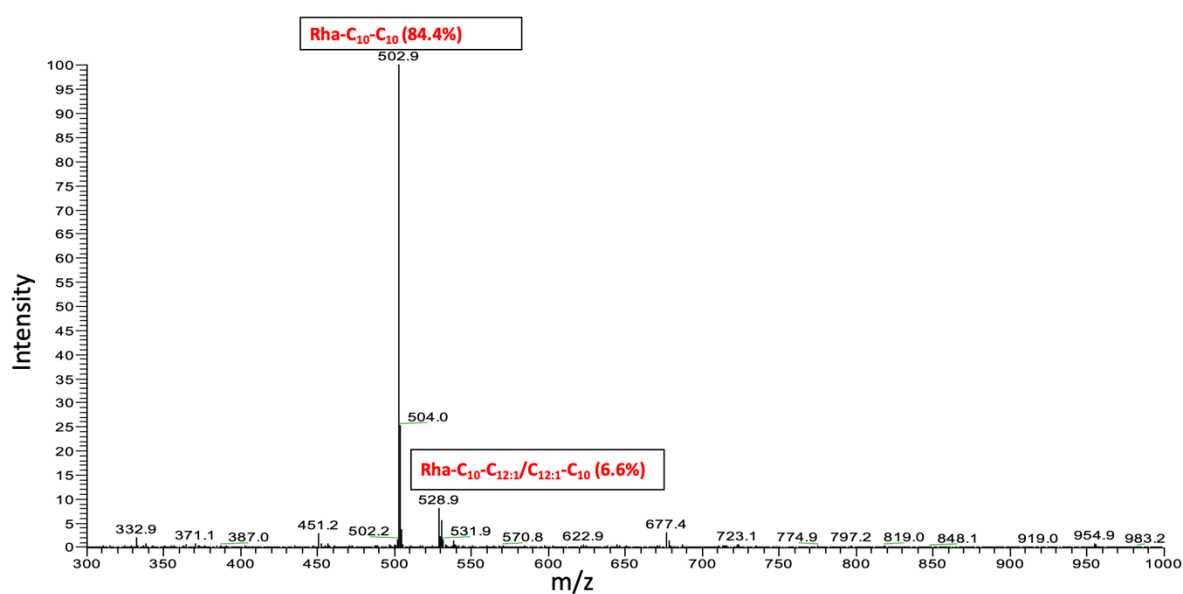
Simms A. Adu, Matthew S. Twigg, Patrick J. Naughton, Roger Marchant, and Ibrahim M. Banat



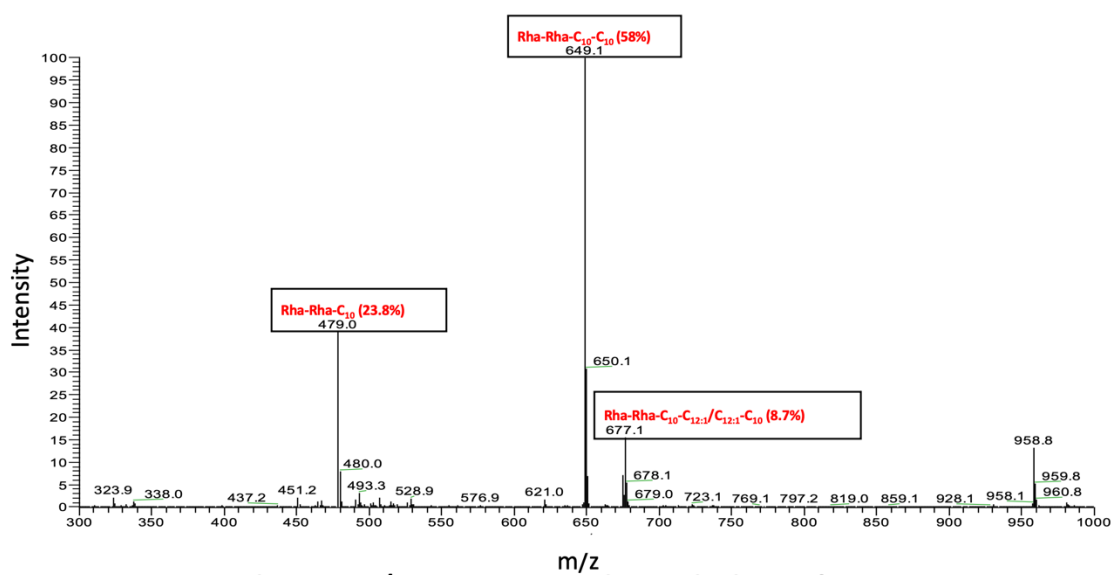
Acidic SL: LC-MS/ESI mass spectrum in negative ion mode



Lactonic SL: LC-MS/ESI mass spectrum in negative ion mode



Mono-RL: LC-MS/ESI mass spectrum in negative ion mode



Di-RL: LC-MS/ESI mass spectrum in negative ion mode

Figure S1. HPLC-MS profile of each glycolipid preparation utilized in this study, (acidic sophorolipid, lactonic sophorolipid, mono-rhamnolipid and di-rhamnolipid), with predominant peaks identified.

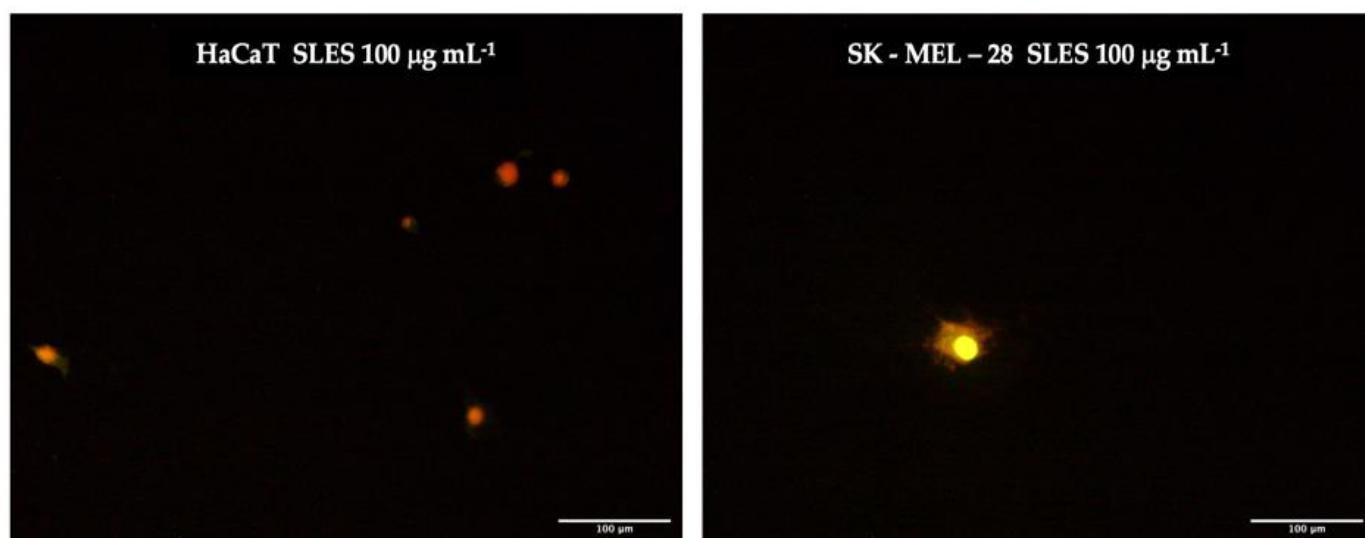


Figure S2. Morphological assessment of the pattern of cell death induced by glycolipids in HaCaT and SK-MEL- 28 cells using AO/PI staining following a 24 h treatment with SLES at 100 $\mu\text{g mL}^{-1}$