

Supplementary Material

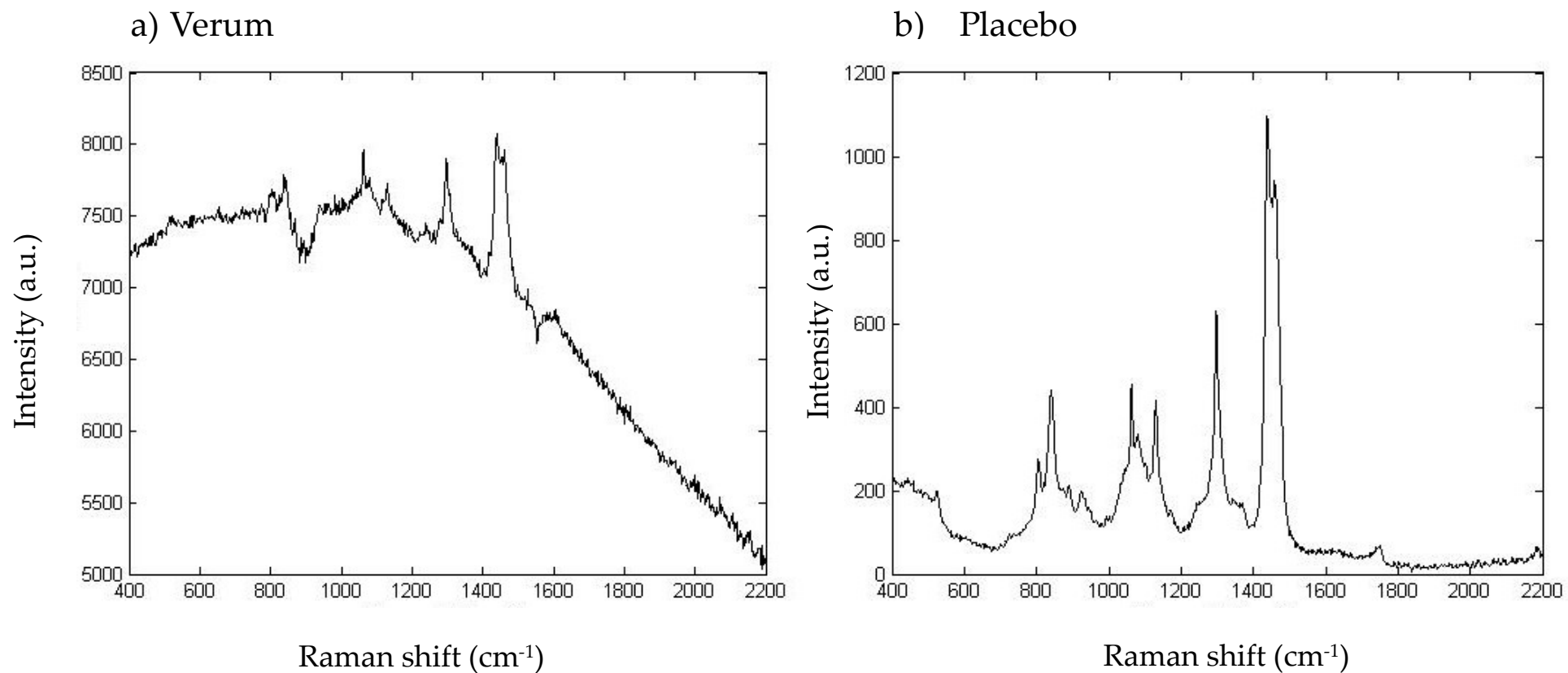


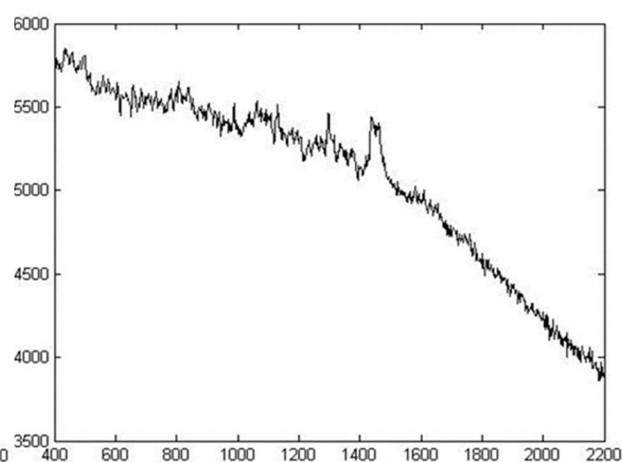
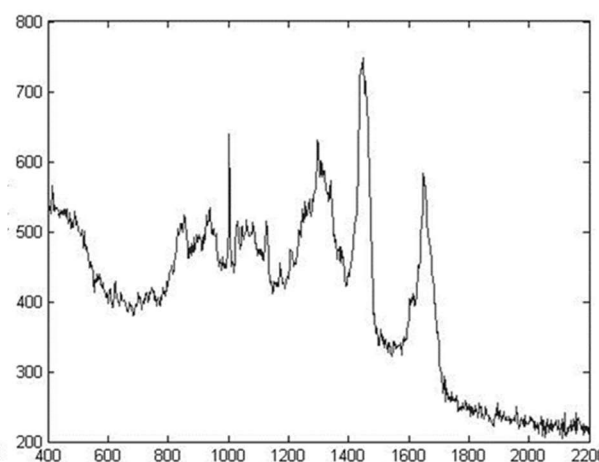
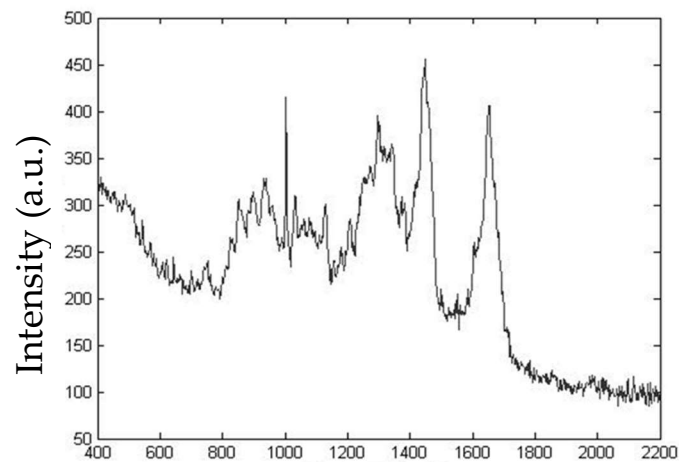
Figure S1. Representative averaged Raman spectra of verum a) and placebo b) creams

Untreated skin

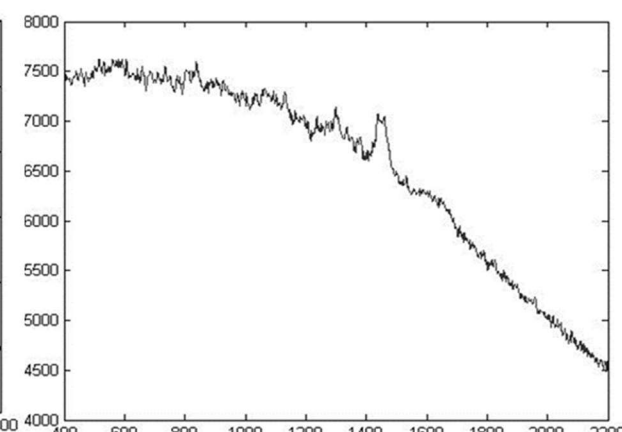
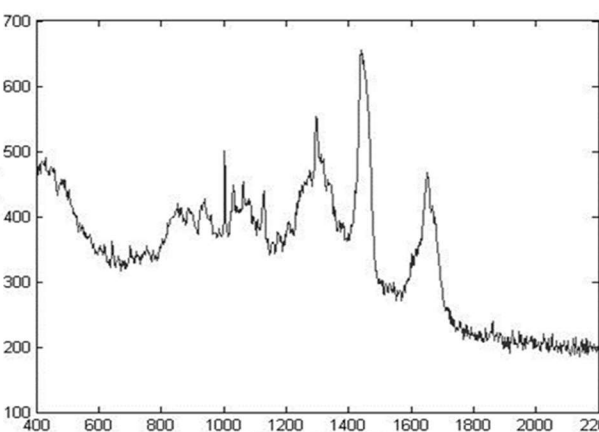
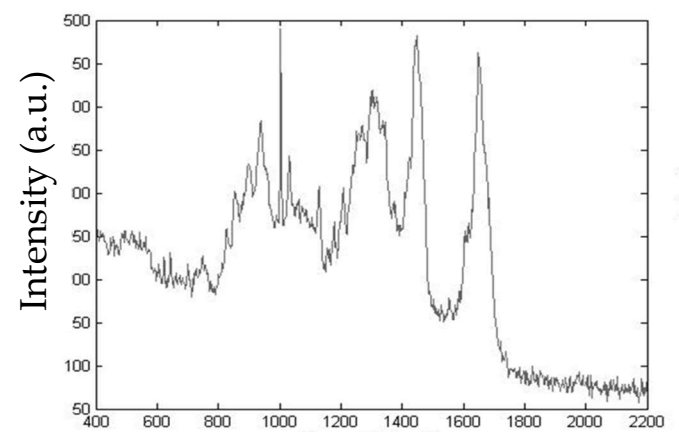
Placebo cream-treated skin

Verum cream-treated skin

2 μm



8 μm



Raman shift (cm^{-1})

Raman shift (cm^{-1})

Raman shift (cm^{-1})

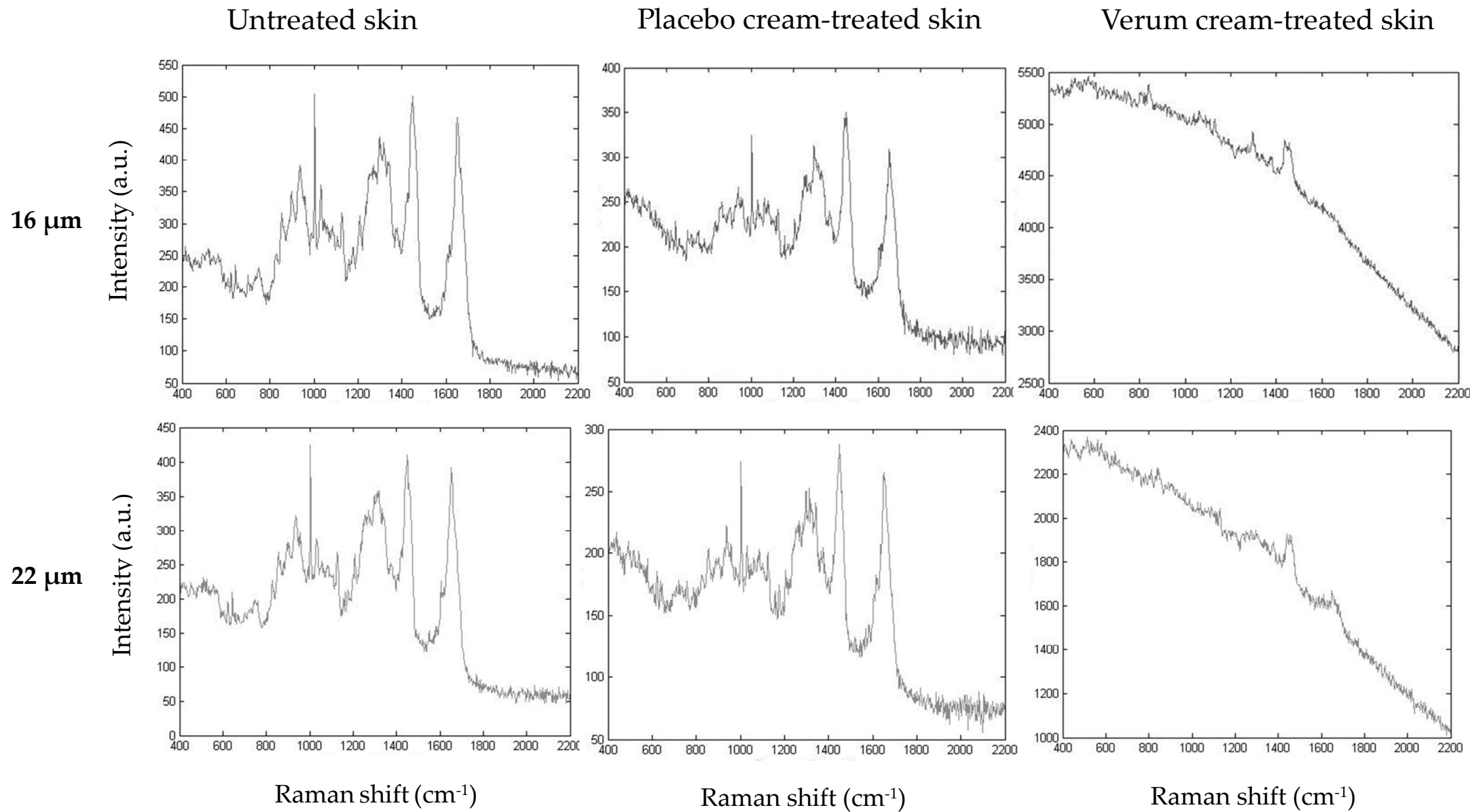


Figure S2. Representative averaged Raman spectra of untreated skin (left column), placebo cream-treated skin (middle column) and verum cream-treated skin (right column) recorded at different exemplary skin depths (2, 8, 16 and 22 μm).

Stratum corneum thickness is 18 μm after 2 hours penetration time.