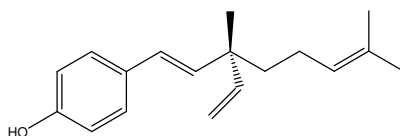
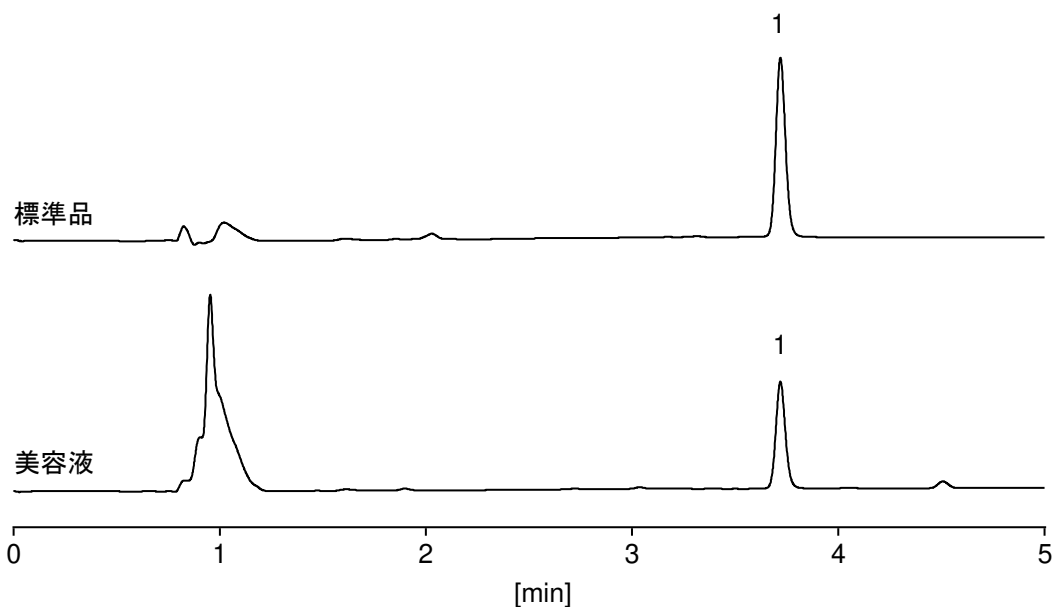


美容液に含まれる有効成分であるバクチオールを CAPCELL PAK C₁₈ UG120 S3 (4.6 mm i.d. x 100 mm) を用いて短時間分析した例を示します。



1. バクチオール (20 µg/mL)
Bakuchiol (M.W. 256.4)



【HPLC Conditions】

Column : CAPCELL PAK C₁₈ UG120 S3 ; 4.6 mm i.d. x 100 mm
 Mobile phase : A) H₂O B) CH₃CN
 B 70 % (0 min) -> 100 % (5 min) -> 70 % (5.1 min) Gradient
 Flow rate : 1 mL/min
 Temperature : 40 °C
 Detection : UV 210 nm
 Inj. vol. : 5 µL
 Sample dissolved in : 900 µL of methanol was added to 100 µL of sample solution
 and the mixture was filtered through a 0.45 µm filter. 10 µL of
 this filtrate was diluted with 990 µL of methanol.
 ※ 1 µg/mL = 1 ppm