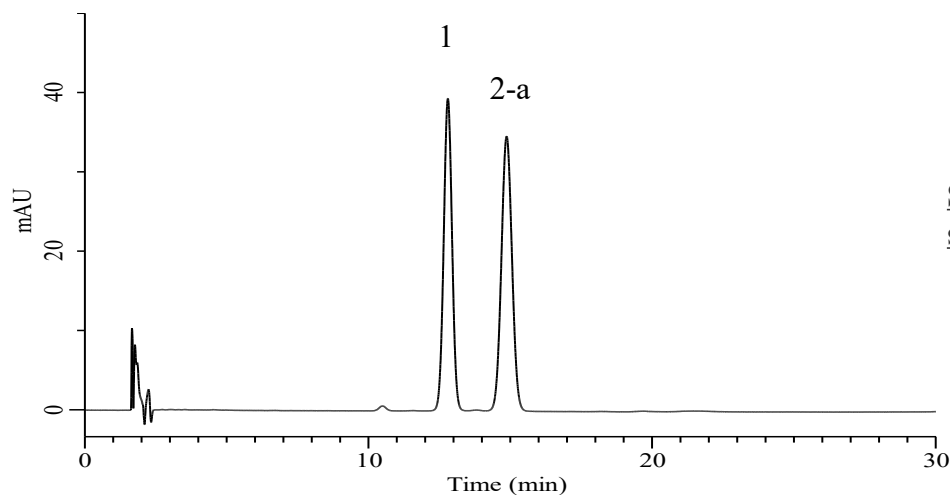
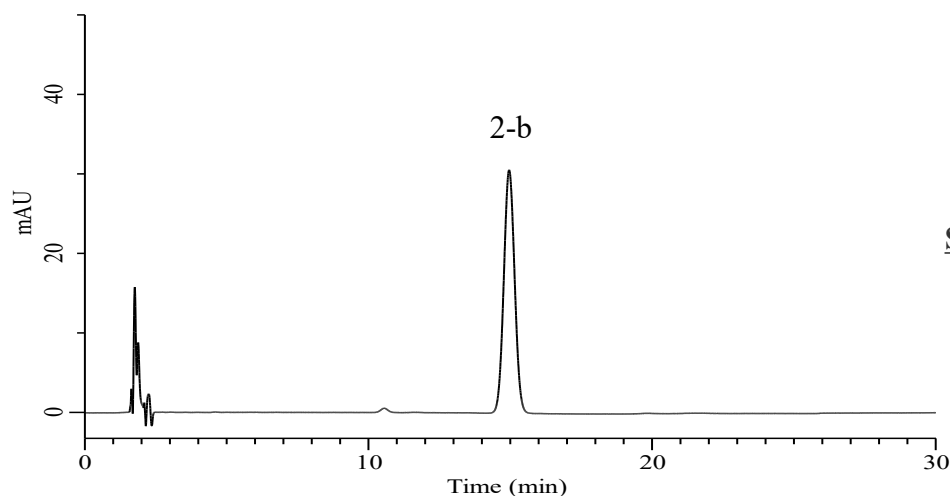


Analysis of Hesperidin

(Under the Condition of Under the Condition the Japanese Pharmacopoeia 19th, Citrus Unshiu Peel, ASSAY)



System performance solution



Standard solution

Conditions

System : Primaide (HITACHI)
Column : Inertsil ODS-3 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
Eluent : CH₃CN/H₂O/CH₃COOH=18/82/1, v/v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 285 nm (Primaide 1435 DAD)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Naringin 50 μ g/mL
 2-a. Hesperidin 50 μ g/mL
 2-b. Hesperidin 50 μ g/mL

Resolution (1,2-a) : 3.35 ($\geq$ 1.5)

RSD of
 the peak area (%) (n=6) (2-b) : 0.18 ($\leq$ 1.5)