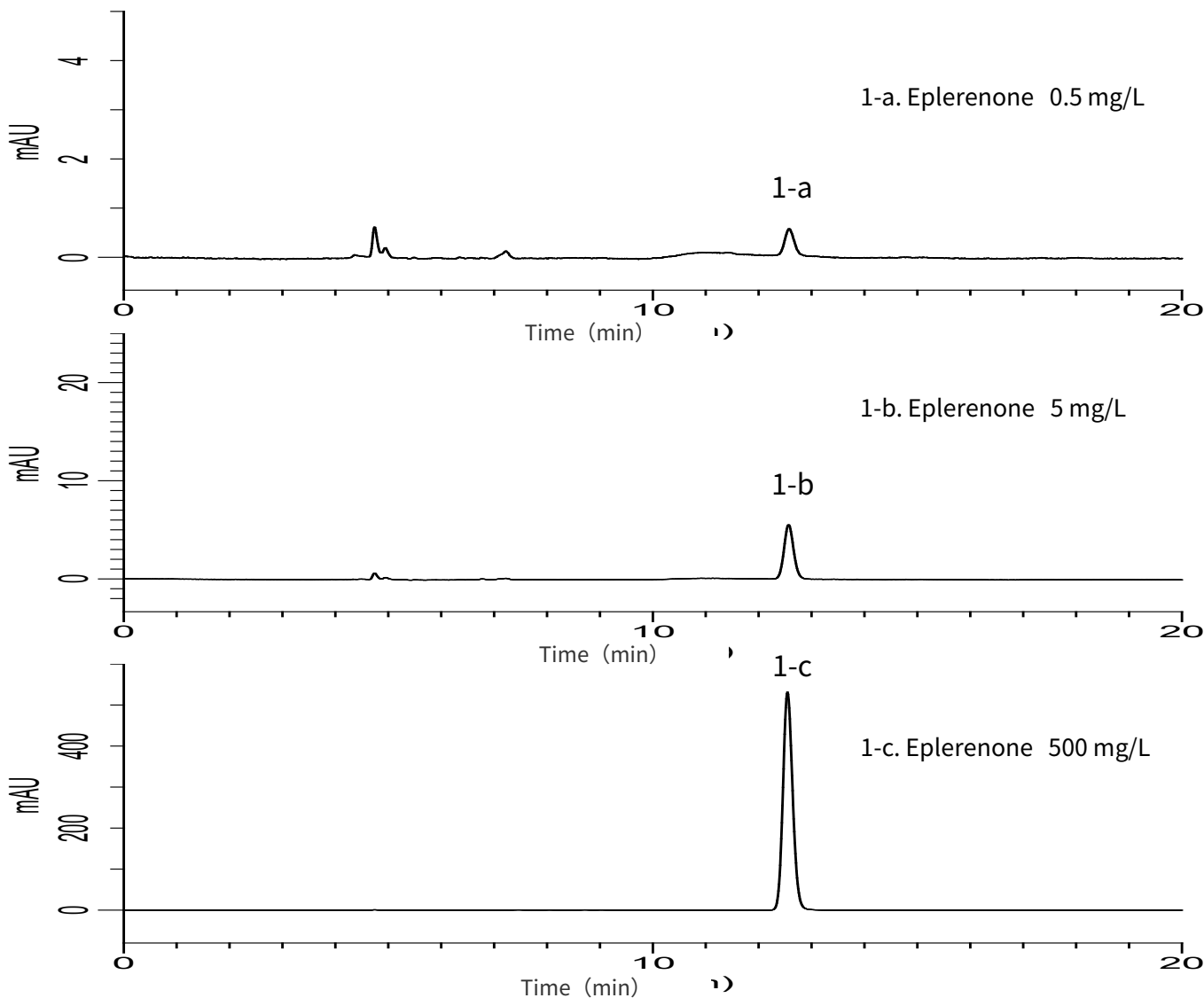


Analysis of Eplerenone

(Under the Condition of the draft for the Japanese Pharmacopoeia)

Data No. LB412-0894



Conditions

System : GL7700 HPLC system
Column : InertSustainSwift C18
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-88027
Eluent : A) CH₃OH
 B) CH₃CN
 C) 10 mM KH₂PO₄ in H₂O (pH 3.0, H₃PO₄)
 A/B/C = 6/36/58, v/v/v
Flow Rate : 0.9 mL/min
Col. Temp. : 35 °C
Detection : UV 210 nm (PD7752 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Eplerenone

The peak area ratio of 1-a to 1-b : (7 $\leq$) 9.5 ($\leq$ 13)
 Theoretical plate number of 1-b : 22,866 ($\geq$ 15,000)
 Tailing factor of 1-b : 1.09 ($\leq$ 1.5)
 RSD of the
 1-b area (%) (n = 6) : 0.28 ($\leq$ 2.0)