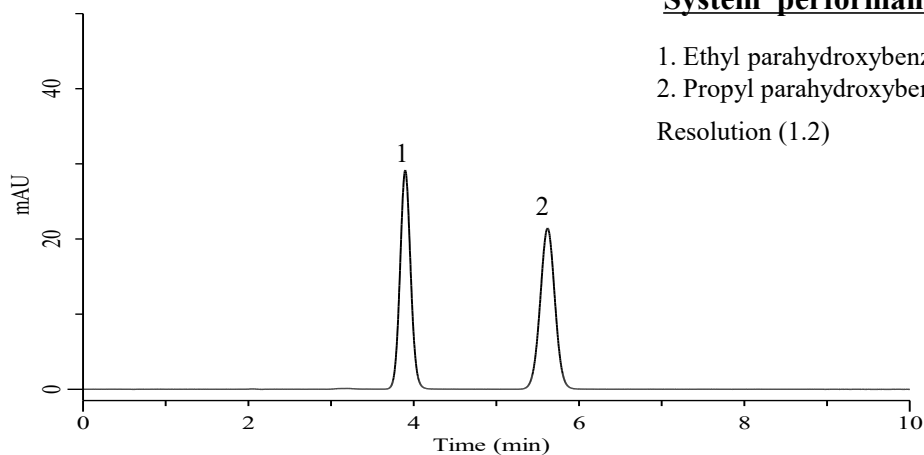
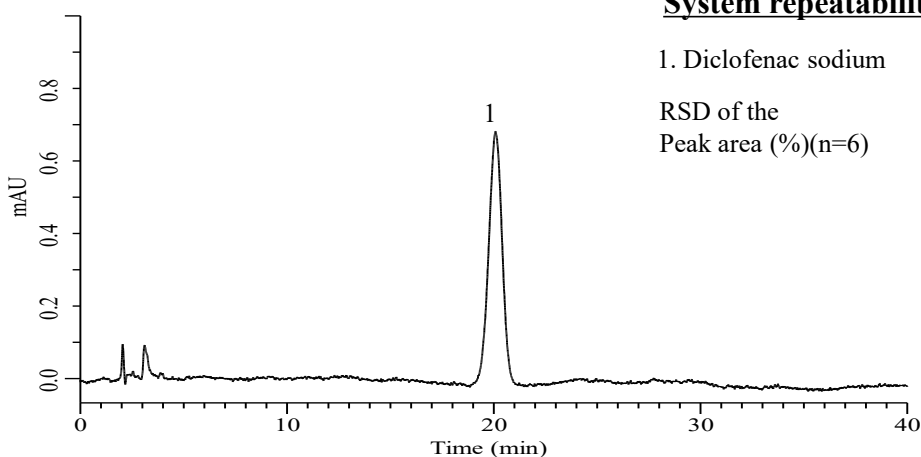


Analysis of Diclofenac sodium



System performance

1. Ethyl parahydroxybenzoate	7 mg/L
2. Propyl parahydroxybenzoate	10 mg/L
Resolution (1.2)	:6.14(≥ 5.0)



System repeatability

1. Diclofenac sodium	2 mg/L
RSD of the Peak area (%) (n=6)	:1.65(≤ 2.0)

Conditions

System	: Primaide HPLC system (HITACHI)
Column	: Inertsil WP300 C18 (GL Sciences Inc.) (10 μ m, 250 x 4.6 mm I.D.)
Column Cat. No.	: 5020-90662
Eluent	: A) CH ₃ OH B) 0.12 % CH ₃ COOH in H ₂ O A/B = 4/3, v/v
Flow Rate	: 1.5 mL/min
Col. Temp.	: 40 °C
Detection	: UV 240 nm
Injection Vol.	: 20 μ L
Sample	: Standard

Analyte:

1. Diclofenac sodium