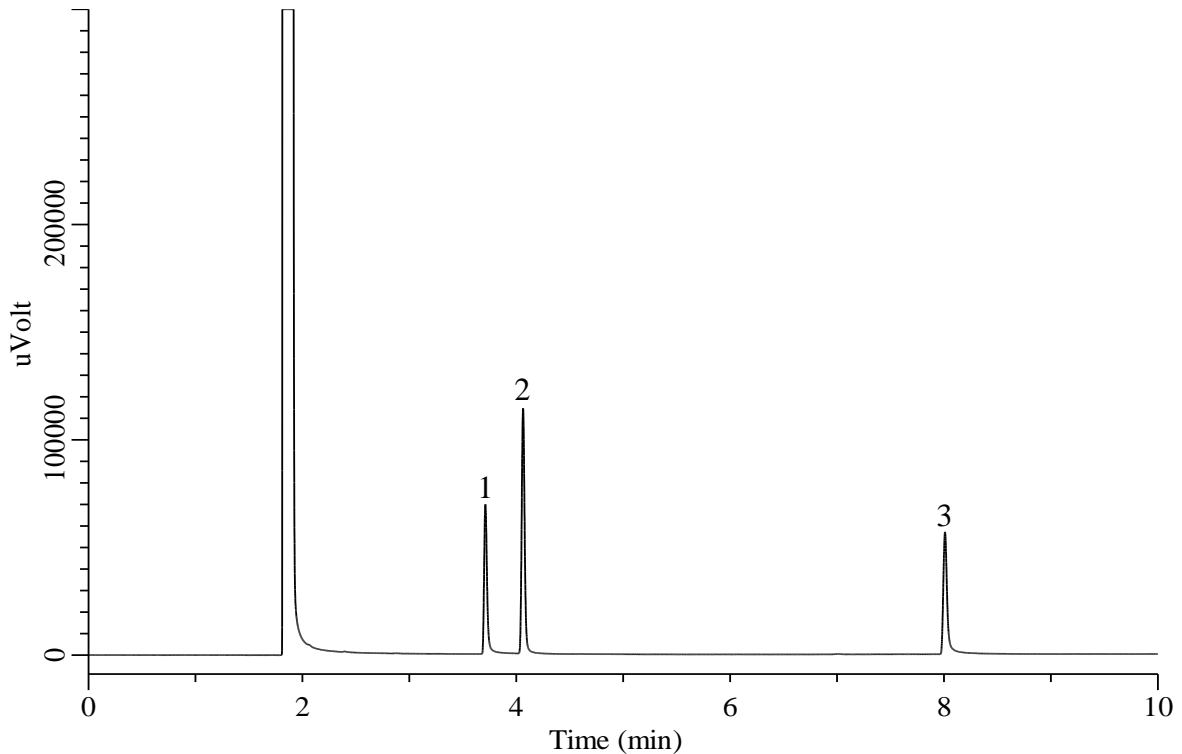


Propylene glycol

(Under the Condition of the Japanese Pharmacopoeia 16)



Conditions

System : GC-FID
Column : InertCap 1701
 0.32 mm I.D. x 30 m df = 1.0 μ m
Col. Cat. No. : 1010-61245
Col. Temp. : 100 °C — 7.5 °C/min — 220°C
Carrier Gas : He 80 kPa
Injection : Split 1:20
 220 °C
Detection : FID Range 10⁰
 250 °C
Sample Size : 1 μ L
Sample : Standard
 500 mg/L in Methanol

Analyte

1. Ethylene glycol
 2. Propylene glycol
 3. Diethylene glycol

 Resolution (1, 2) : 7.2 (≥ 5)
 Resolution (2, 3) : 70.8 (≥ 50)