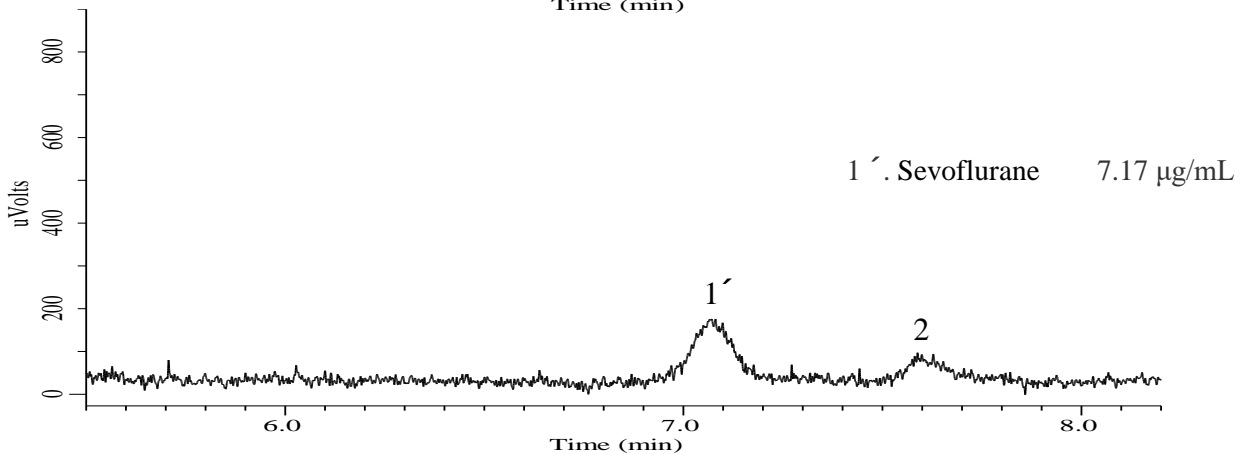
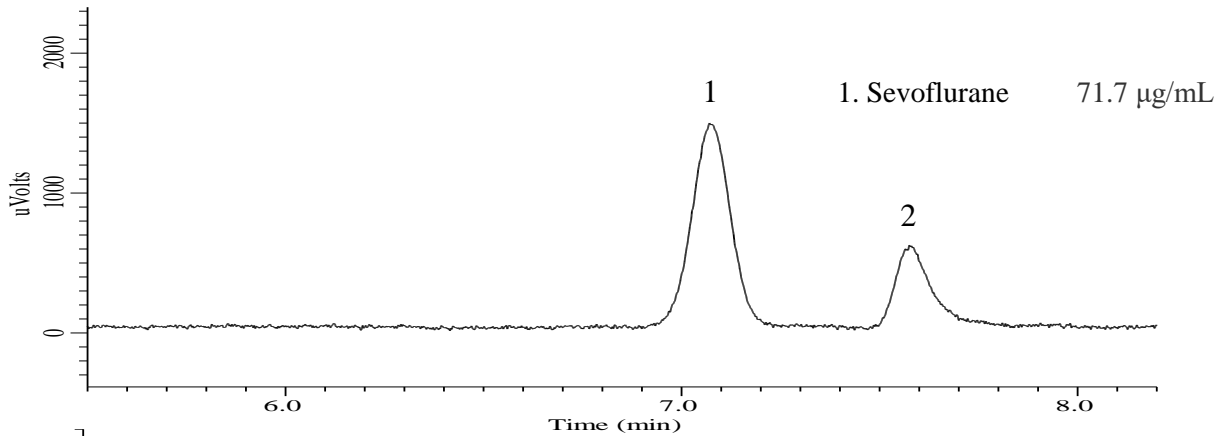


# Analysis of Sevoflurane

(Under the Condition of the Japanese Pharmacopoeia 16)



## Conditions

**System** : GC-FID  
**Column** : InertCap 624  
 0.32 mm I.D. x 30 m df = 1.8 µm  
**Col. Cat. No.** : 1010-14747  
**Col. Temp.** : 40 °C (10 min) – 10°C/min – 200°C  
**Carrier Gas** : He 0.78 mL/min Constant Flow  
**Injection** : Split 1:20  
 200 °C  
**Injection Vol.** : 2 µL  
**Detection** : FID Auto Range  
 225 °C  
**Sample** : Standard  
 Analyte in *o*-Xylene

## Analyte

1. Sevoflurane  
 2. Impurity

Theoretical plates : 24480 (≥ 6000)  
 Tailing factor : 1.02 (≤ 1.5)  
 RSD of the  
 peak area (%) : 1.93 (≤ 5.0)  
 The peak area ratio  
 of 1' to 1 (%) : (7 ≤) 11.1 (≤ 13)