

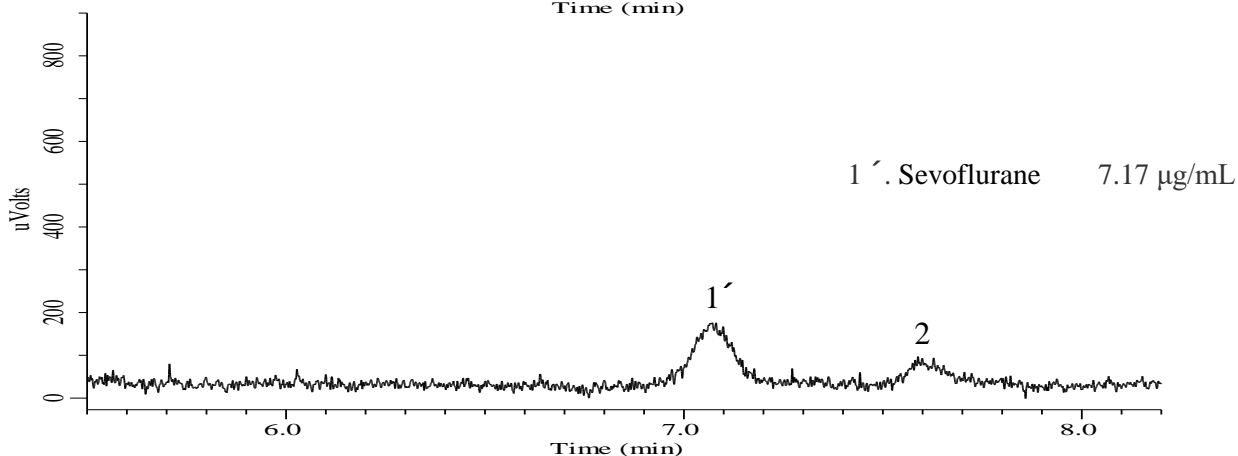
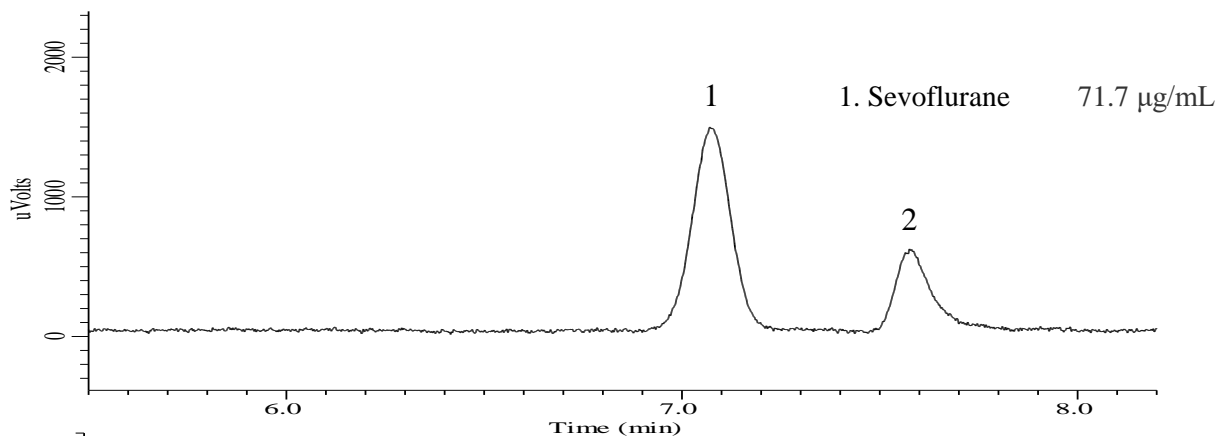
InertSearch™ for GC

InertCap® Applications

Analysis of Sevoflurane

(Under the Condition of Japanese Pharmacopoeia 16)

Data No. GA 267-0904



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 (%) : ($7 \leq$) 11.1 (≤ 13)