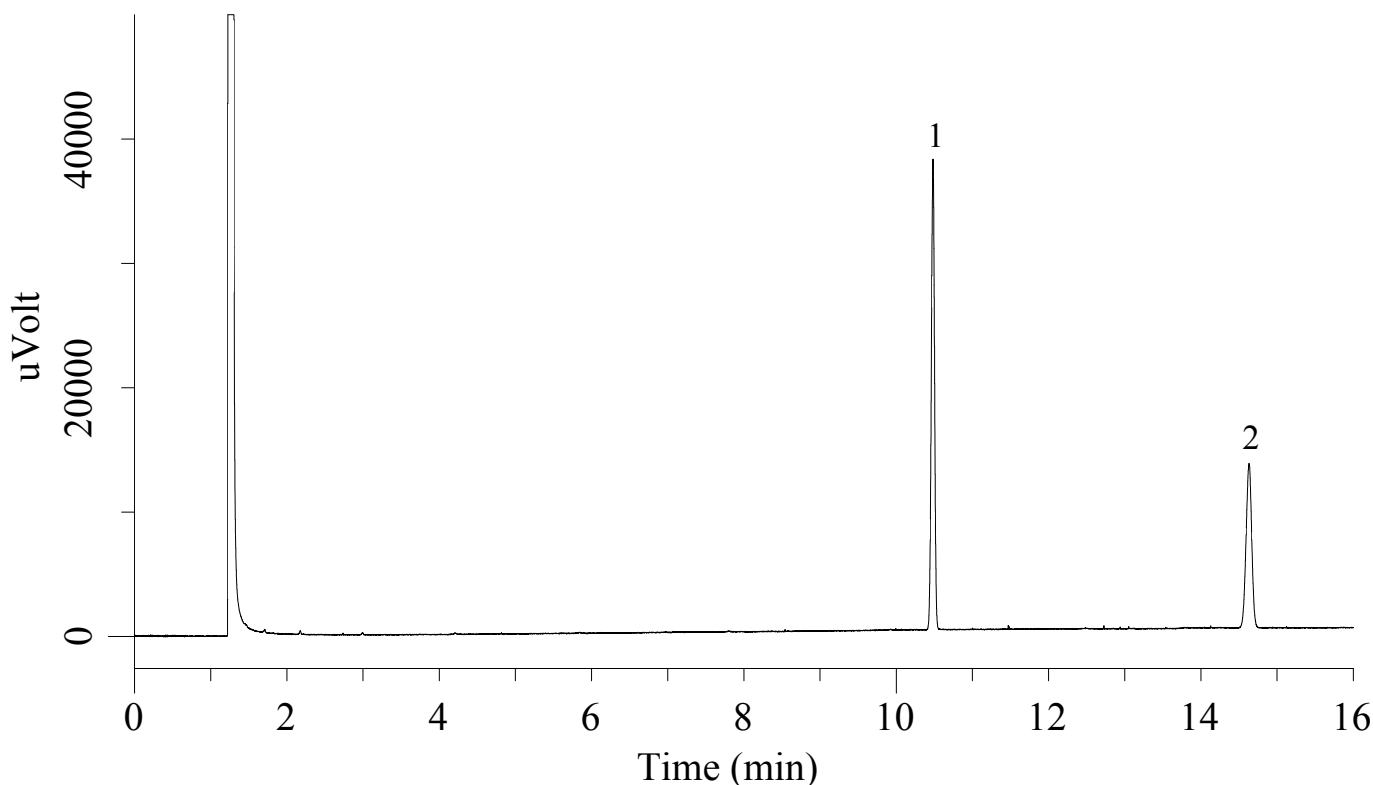


InertSearch™ for GC

InertCap® Applications

Analysis of Bupivacaine hydrochloride hydrate (Under the Condition of Japanese Pharmacopoeia 16)

Data No. GA246-0644



Conditions

System : GC-FID
Column : InertCap 5
0.32 mm I.D. x 30 m df = 0.25 μ m
Col. Cat. No. : 1010-18242
Col. Temp. : 180 °C - 5 °C/min - 230 °C(6 min hold)
Carrier Gas : He 120 kPa
Injection : Split flow 30mL/min
250 °C
Detection : FID Range 10⁰
250 °C
Sample Size : 1 μ L
Sample : Standard

Analyte

1. Bupivacaine hydrochloride 100 mg/L
2. Methyl behenate 50 mg/L (I.S.)

Resolution (1, 2) : 39.7 (\geq 20)

RSD of the peak
area ratio of
1 to 2 (%) (n=6) : 0.18 (\leq 2.0)