

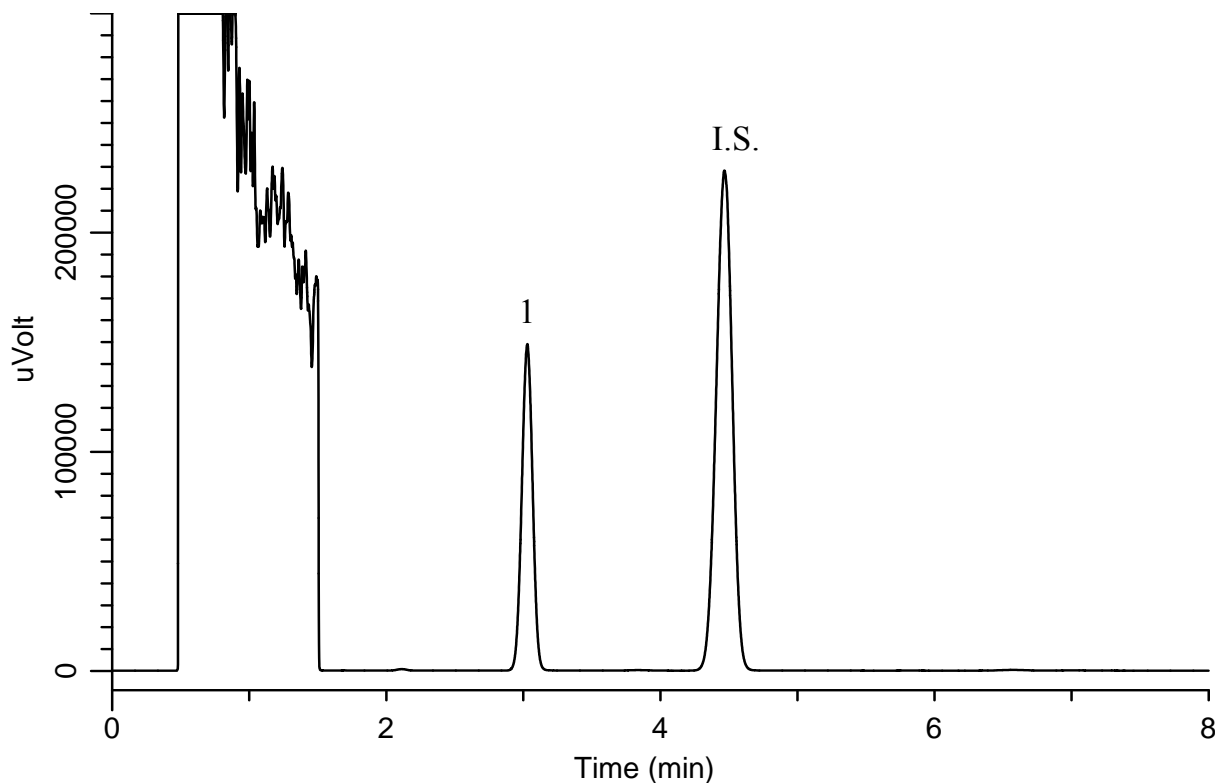
# InertSearch™ for GC

InertCap® Applications

## Analysis of Tulobuterol Transdermal Tapes

(Under the Condition of the draft for the Japanese Pharmacopoeia)

Data No. GA 273-0904



### Conditions

**System** : GC-FID  
**Column** : InertCap 1  
0.53 mm I.D. x 30 m df = 1.5 µm  
**Col. Cat. No.** : 1010-11446  
**Col. Temp.** : 180 °C  
**Carrier Gas** : N<sub>2</sub> 110 kPa  
**Injection** : Splitless 1min  
300 °C  
Splitless liner  
**Injection Vol.** : 1 µL  
**Detection** : FID 10<sup>1</sup>  
300 °C  
**Sample** : Standard in Hexane

### Analyte

1. Tulobuterol (455 µg/mL)  
I.S. Benzyl benzoate (508 µg/mL)

Resolution (1, I.S.) : 7.85 (≥ 4)  
RSD of the peak area (1)(%)(n=6) : 0.97 (≤ 2.0)