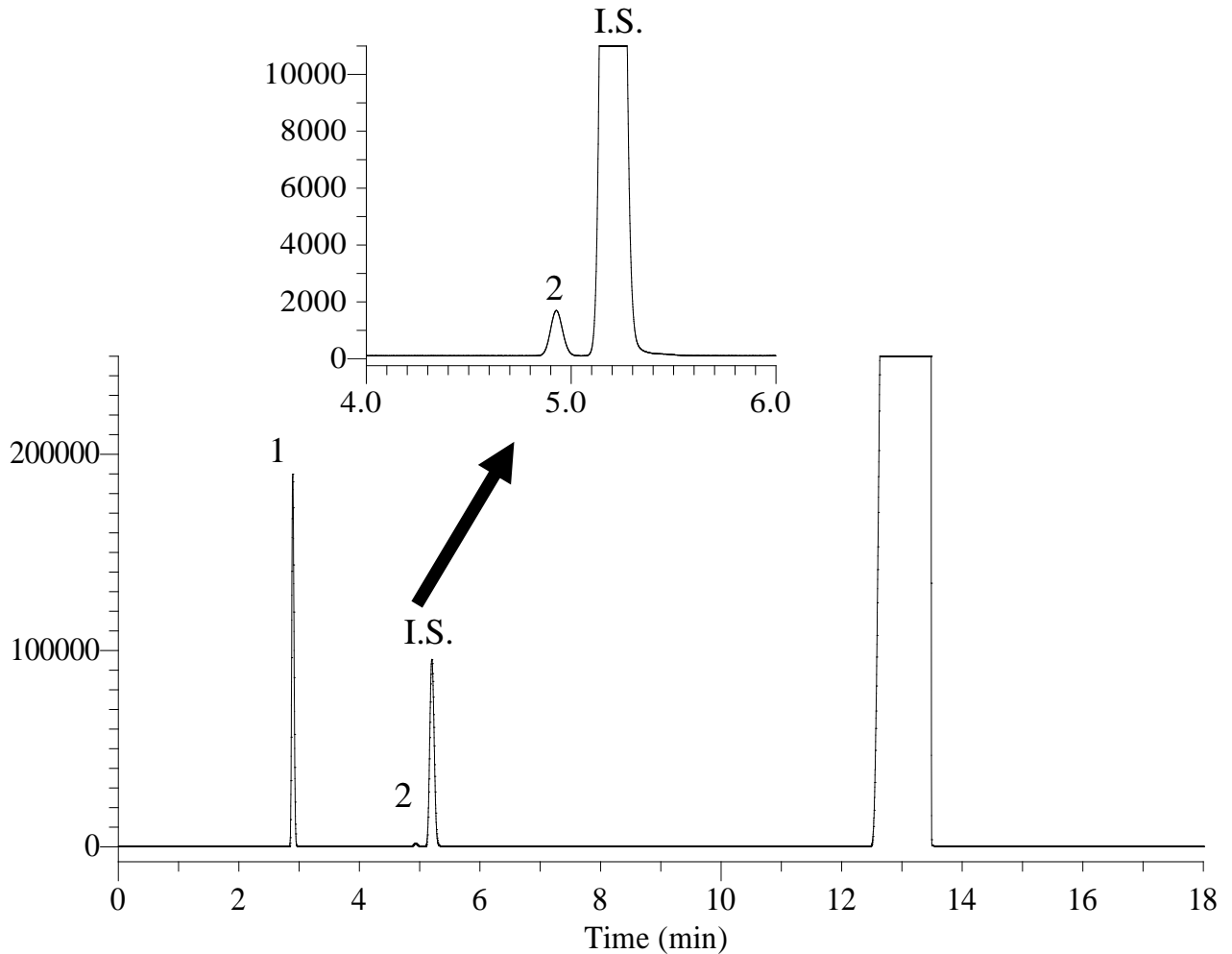


## Purity test of Colchicine by Japanese pharmacopoeia



### Conditions

**System** : GC/FID  
**Column** : InertCap Pure-WAX  
 0.53 mm I.D. x 30 m df = 1.00 μm  
**Col. Cat. No.** : 1010-68445  
**Col. Temp.** : 60 °C(7 min hold) - 40 °C/min  
 - 100 °C(10 min hold)  
**Carrier Gas** : He 30.2 cm/sec  
**Injection** : Split flow 100 mL/min  
 130 °C  
**Detection** : FID Range 10<sup>1</sup>  
 200 °C  
**Sample Size** : Analyte in DMF  
 2.0 μL

### Analyte :

1. Ethyl acetate 4.0 mL/L  
 2. Chloroform 0.2 mL/L  
 I.S. 1-Propanol 3.2 mL/L  
 \*Standard mixture

R(2-I.S.) : 2.9 > 2.0(JP15)