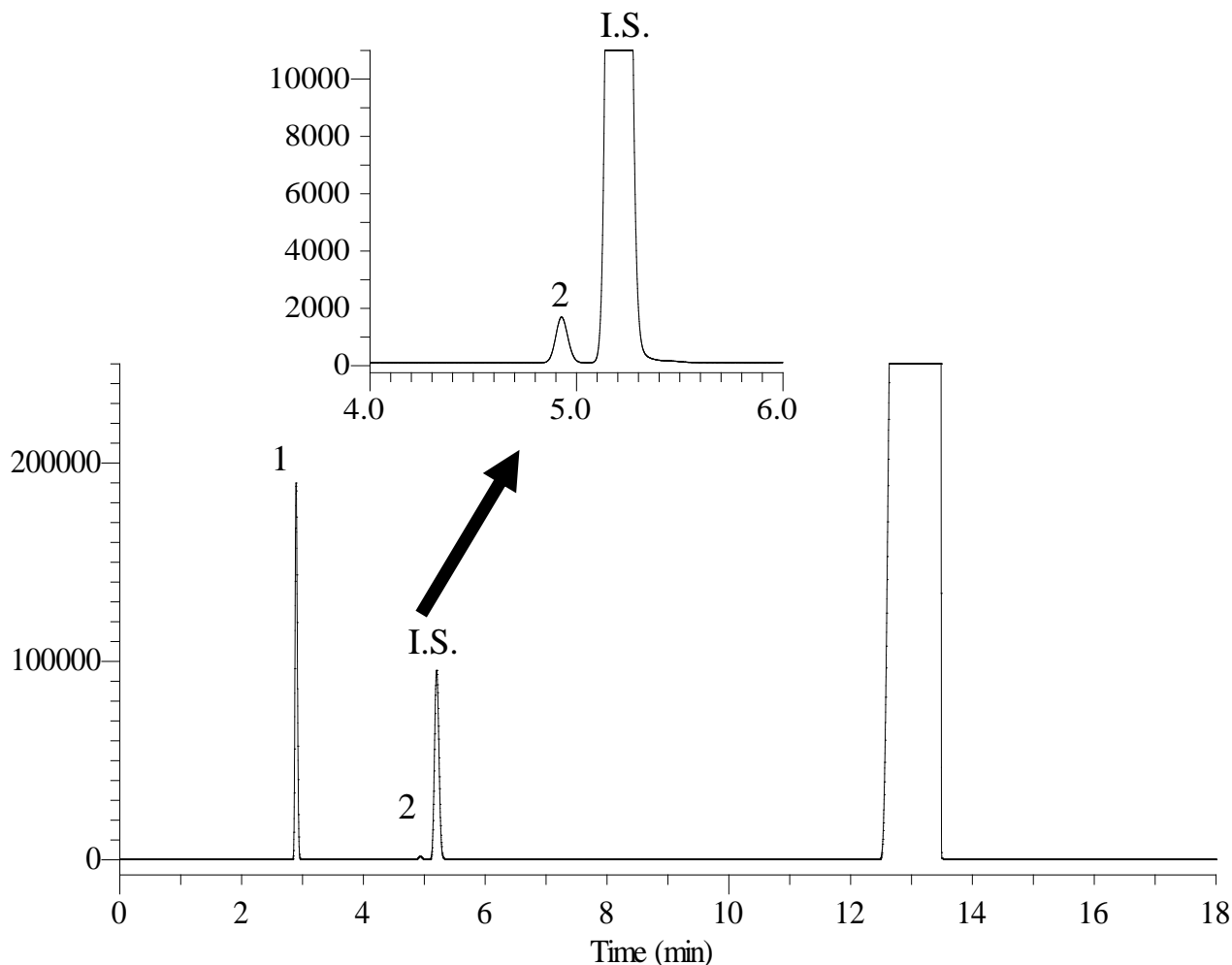


InertSearch™ for GC

InertCap® Applications

Purity test of Colchicine by Japanese pharmacopoeia

Data No. GA155-0874



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 10¹
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)