

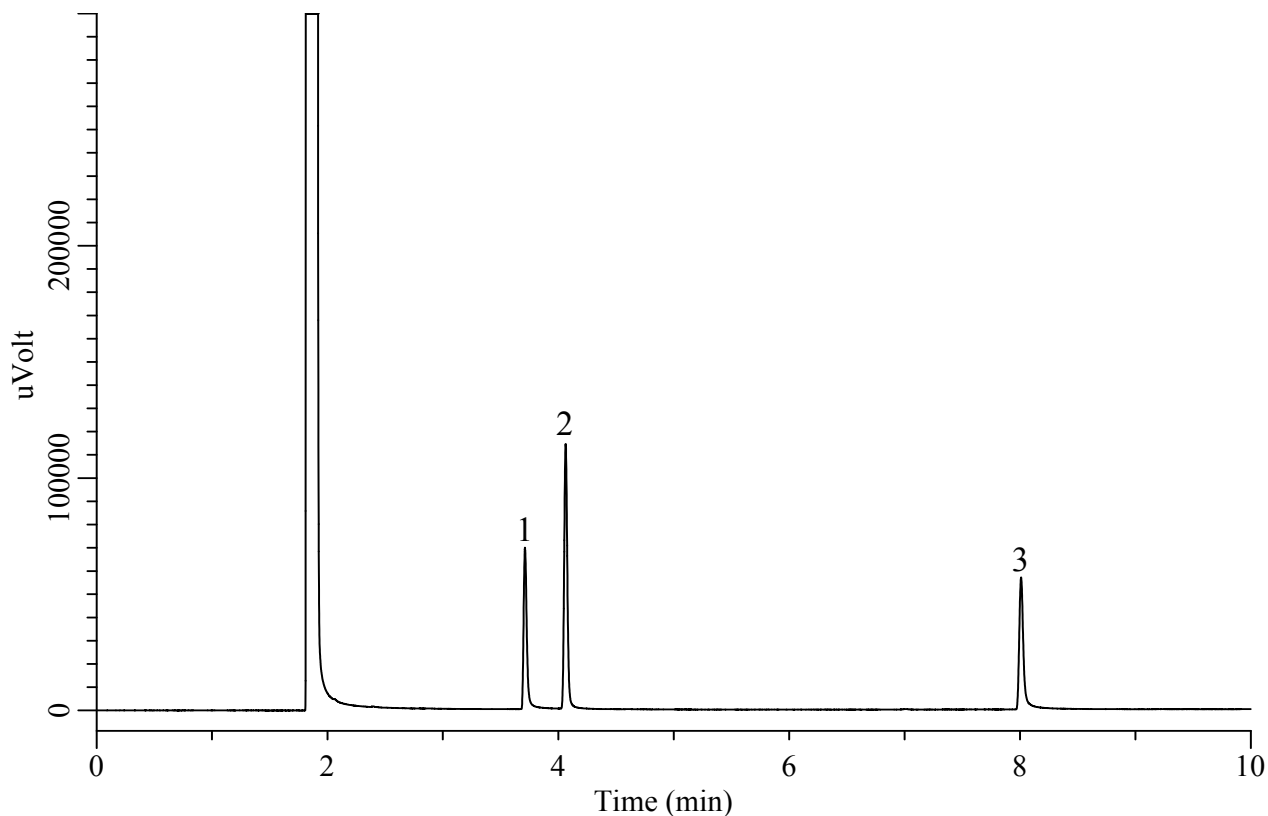
# InertSearch™ for GC

InertCap® Applications

## Propylene glycol

(Under the Condition of Japanese Pharmacopoeia 16)

Data No. GA 265-0904



### Conditions

**System** : GC-FID  
**Column** : InertCap 1701  
0.32 mm I.D. x 30 m df = 1.0 μm  
**Col. Cat. No.** : 1010-61245  
**Col. Temp.** : 100 °C — 7.5 °C/min — 220 °C  
**Carrier Gas** : He 80 kPa  
**Injection** : Split 1:20  
220 °C  
**Detection** : FID Range 10<sup>0</sup>  
250 °C  
**Sample Size** : 1 μL  
**Sample** : Standard  
500 mg/L in Methanol

### Analyte

1. Ethylene glycol  
2. Propylene glycol  
3. Diethylene glycol  
  
Resolution (1, 2) : 7.2 (≥ 5)  
Resolution (2, 3) : 70.8 (≥ 50)