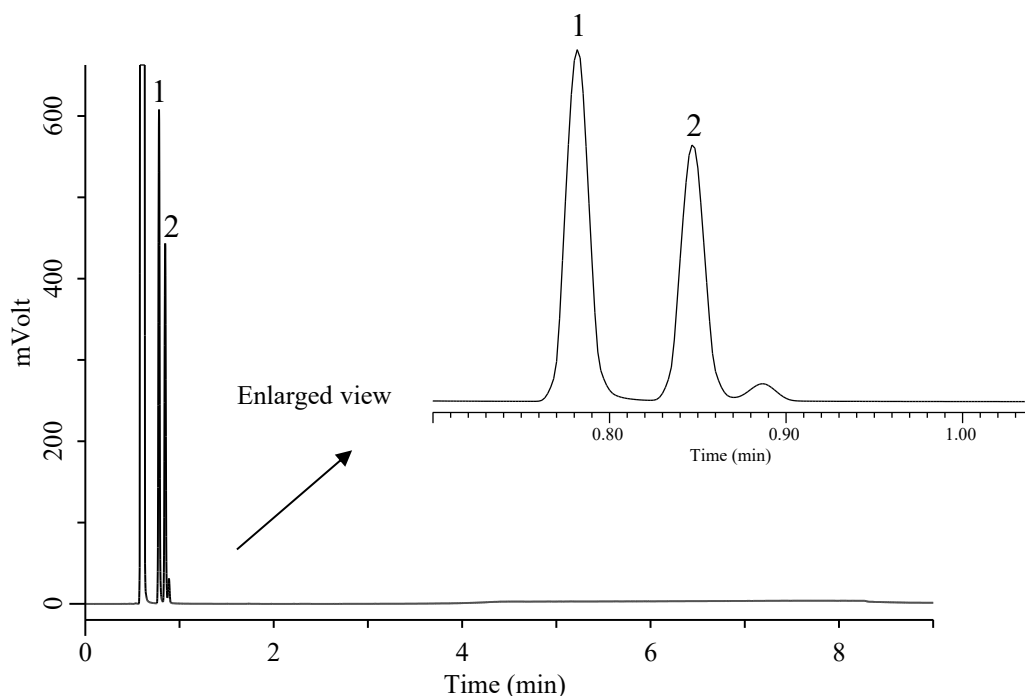


## Analysis of Propylene glycol

(Under the Condition of Draft for the Japanese Pharmacopoeia 19<sup>th</sup>,  
Dapagliflozin Propylene Glycolate Hydrate)



### Conditions

**System** : GC-4000 Plus /FID  
**Column** : InertCap Pure-WAX (GL Sciences Inc.)  
           : 0.32 mm I.D. x 15 m df = 0.5 μm  
**Col. Cat. No.** : 1010-68224  
**Col. Temp.** : 150 °C (2 min) - 40 °C/min - 240 °C (4 min)  
**Carrier Gas** : He 3.5 mL/min, Constant Flow  
**Injection** : Split 1 : 24  
           : 240 °C  
**Detection** : FID Auto Range  
           : 240 °C  
**Sample** : Standard  
**Sample Size** : 1 μL

### Analyte

1. Propylene glycol 0.30 % (w/v)  
 2. Ethylene glycol 0.26 % (v/v)

Resolution (1,2) : 2.48 (≧ 1.5)

RSD of the peak ratio of 1 to 2 : 0.68 (≧ 3.0)  
 (%)(n=6)