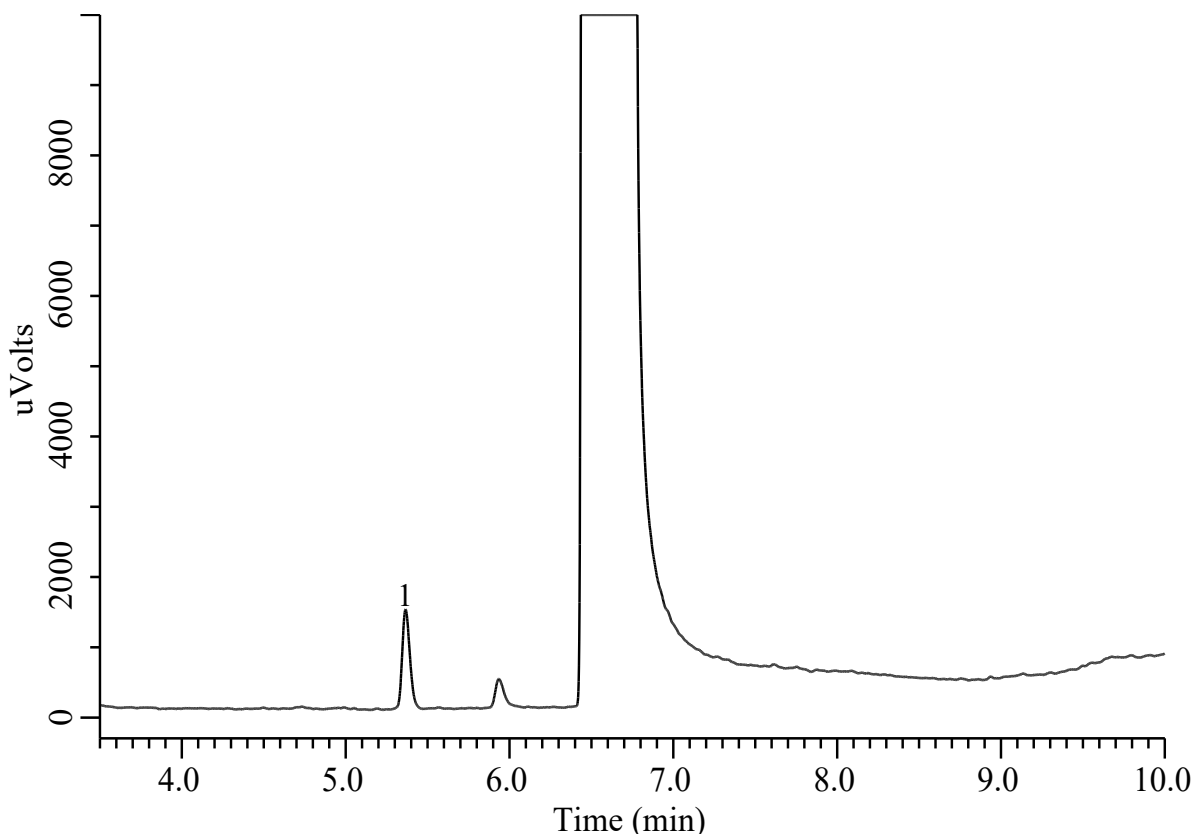


Analysis of Diethoxymethane

(Under the Condition of draft for USP, Tromethamine Hydrochloride,
Limit of Polyoxymethylene Dimethyl Ether)



Conditions

System : GC-4000 Plus/FID
Column : InertCap Pure-WAX (GL Sciences Inc.)
 0.32 mm I.D. x 30 m df = 0.5 μ m
Col. Cat. No. : 1010-68244
Col. Temp. : 35 °C (5 min) - 40 °C/min - 220 °C (5 min)
Carrier Gas : He 0.9 mL/min , Constant Flow
Injection : Split 22.5 mL/min
 170 °C
Detection : FID Auto Range
 280 °C
Injection Vol. : 2 mL
Sample : Headspace Gas
 Sample heating Temp. 85 °C
 Sample heating time 25 min
 5 mL in Vial (20 mL)

Analyte

1. Diethoxymethane 2.5 μ g/mL
 Tailing factor : 1.26 ($\leq$ 1.8)
 RSD of the Peak area(%)(n=6) : 8.47 ($\leq$ 10)