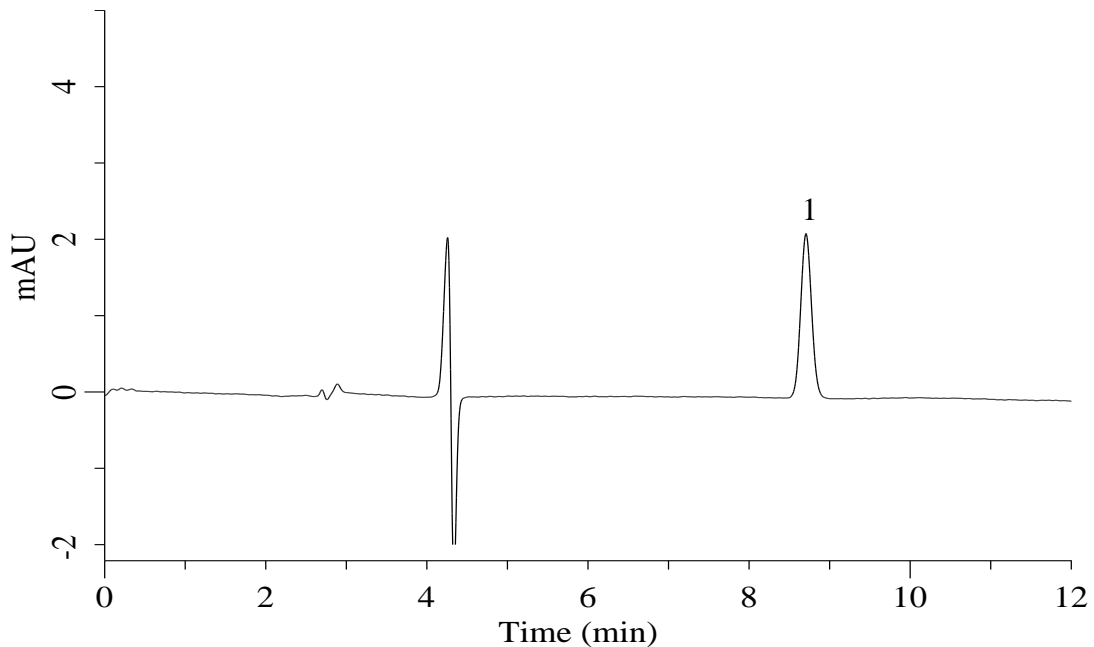


## Analysis of Propionic Acid

(Under the Condition of food additive analysis method in food , Propionic Acid and Its Salts, Sodium Propionate)



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSustain C18 (GL Sciences Inc.)  
 (5  $\mu$  m, 250 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-07346

**Eluent** : Solution\*

**Flow Rate** : 1.0 mL/min

**Col. Temp.** : 40 °C

**Detection** : UV 210 nm

**Injection Vol.** : 10  $\mu$  L

**Sample** : Standard

\*Mix 30 mL of CH<sub>3</sub>CN and 470 mL of H<sub>2</sub>O.

Adjust pH 2.5 by H<sub>3</sub>PO<sub>4</sub> .

### Analyte:

1. Propionic Acid

50  $\mu$  g/mL