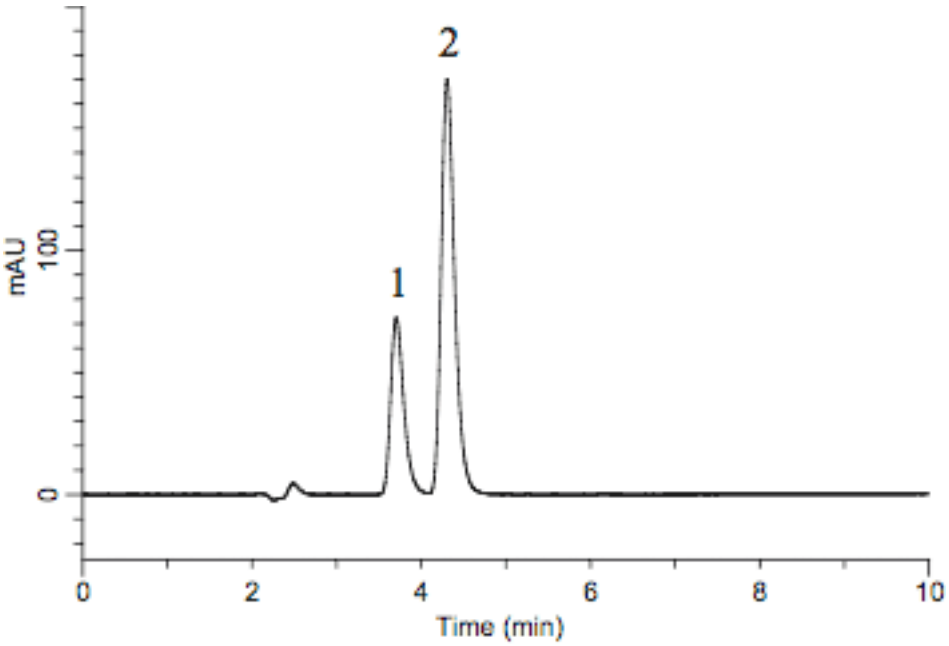
Analysis of Phenoxyacetic acid and Benzoic acid

Data No. LA541-0000



System : GL-7400 HPLC system

Column : Inertsil ODS-SP
5µm
150 × 3.0 mm I.D.

Column Cat. No. :

Eluent : A) CH_3OH
B) 0.1 % HCOOH
A/B = 50/50, v/v

Flow rate : 0.4 mL/min.

Col. Temp. : 40 ℃

Detection : PDA 190 － 400 nm (254 nm, GL-7452 PDA Detector)

Injection Vol. : 2 µL

Sample : Aromatic organic acids

Solutes : 1. Sodium Phenoxyacetate (1.3 mg/mL H_2O/CH_3CN = 16.7/183.3)
2. Benzoic acid (1.0 mg/mL H_2O/CH_3CN = 16.7/183.3)