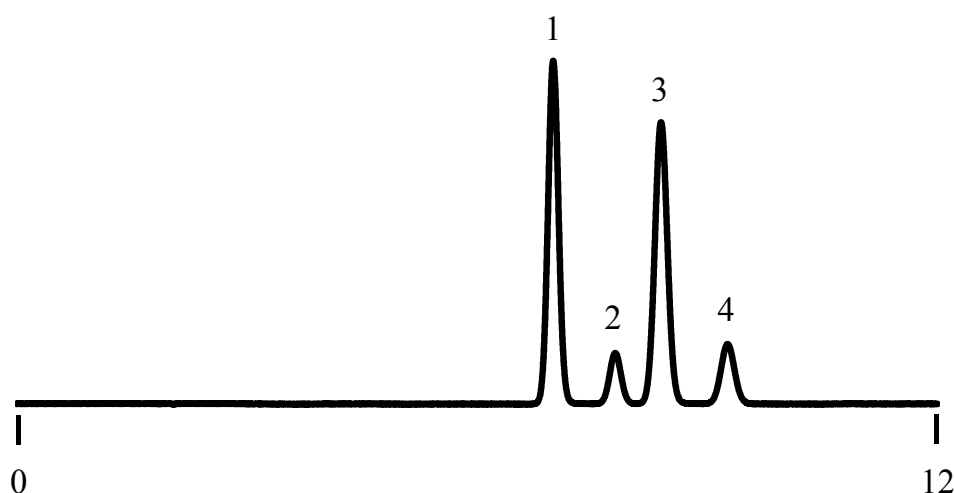


Analysis of Coumaric acid and Ferulic acid

Data No. LL031-0000

*The chromatogram was provided by Prof. Shuji Kodama,
Department of Chemistry, School of Science, Tokai University,
4-1-1 Kitakaname, Hiratsuka, Kanagawa 259-1292, Japan*



Conditions

Column : Inertsil ODS-HL
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-87131
Eluent : A) CH₃CN
B) 0.1 % H₃PO₄ in H₂O
A/B = 20/80, v/v

Flow rate : 1.0 mL/min
Col. Temp. : 35 °C
Detection : UV 320 nm
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. *trans-p*-Coumaric acid
2. *cis-p*-Coumaric acid
3. *trans*-Ferulic acid
4. *cis*-Ferulic acid
(0.1 mmol/L each)