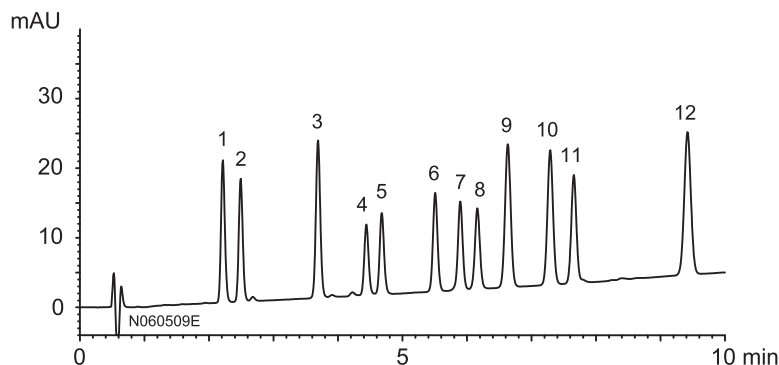


大豆イソフラボンの高速分離 Rapid separation of soy isoflavones

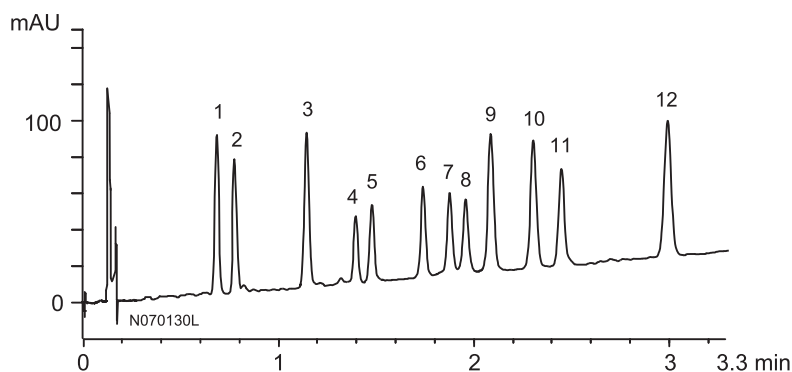
N070629C

Fast LC method

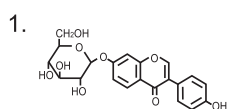


Column : Hydrosphere C18
(3 μ m, 12nm)
50 X 4.6 mm I.D.
Flow rate : 1.5 mL/min
Gradient : 25-60%B (0-10 min)
Injection : 3 μ L

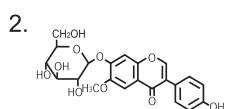
Ultra-fast LC method



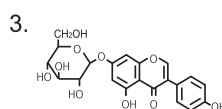
Column : YMC-UltraHT Hydrosphere C18
(2 μ m, 12nm)
50 X 2.0 mm I.D.
Flow rate : 0.9 mL/min
Gradient : 25-60%B (0-3.3 min)
Injection : 0.6 μ L



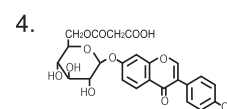
Daidzin



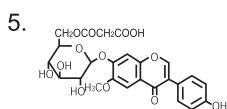
Glycitin



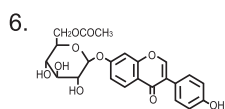
Genistin



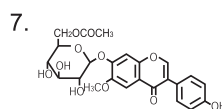
6''-O-Malonyldaidzin



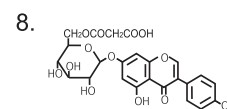
6''-O-Malonylglycitin



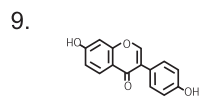
6''-O-Acetyldaidzin



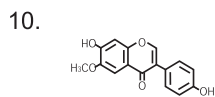
6''-O-Acetylglycitin



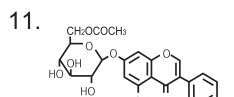
6''-O-Malonylgenistin



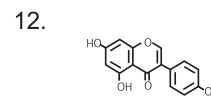
Daidzein



Glycitein



6''-O-Acetylgenistin



Genistein

Eluent : A) water / CH₃COOH (100/3)
B) acetonitrile / water / CH₃COOH (50/50/3)
Temperature : 35°C
Detection : UV at 254 nm
Sample : 0.01 mg/mL