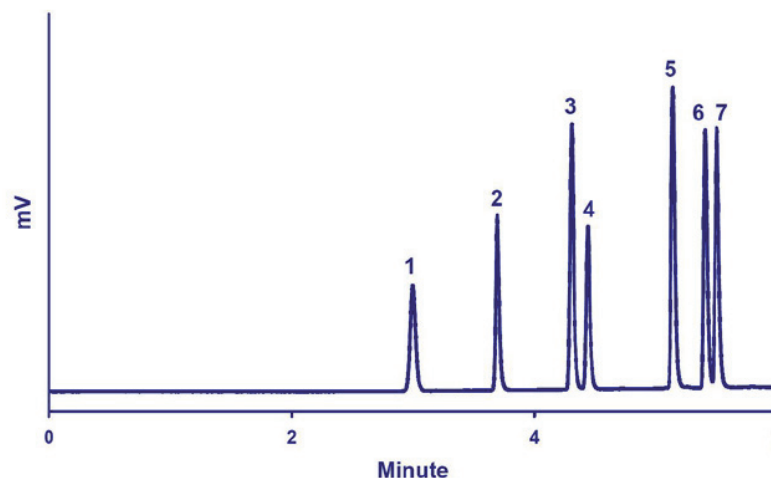


Simultaneous U-HPLC/LT-ELSD Analysis of Terpenic Lactones and Flavonoids Contained in Ginkgo Biloba



Chromatogram of 4 Terpenic Lactones and 3 Flavonoids by U-HPLC/LT-ELSD

Standard mixture: 1- Bilobalide, 2- Ginkgolide C, 3- Ginkgolide A, 4- Ginkgolide B, 5- Quercetin, 6- Isorhamnetin, 7- Kaempferol (250ppm each)

Injection volume: 1 μ L

Column: Hypersil GOLD (1.9 μ m, 2.1 x 50mm), 30°C

Flowrate: 0.6mL/min

Eluent: H₂O + 0.1% formic acid / Acetone + 0.1% formic acid

Gradient: 0-0.5 minute: 5%B, 0.5-4 minutes: from 5%B to 50%B, 4-6 minutes: 50%B

Detector: SEDEX 90LT, 50°C, 3.5Bars