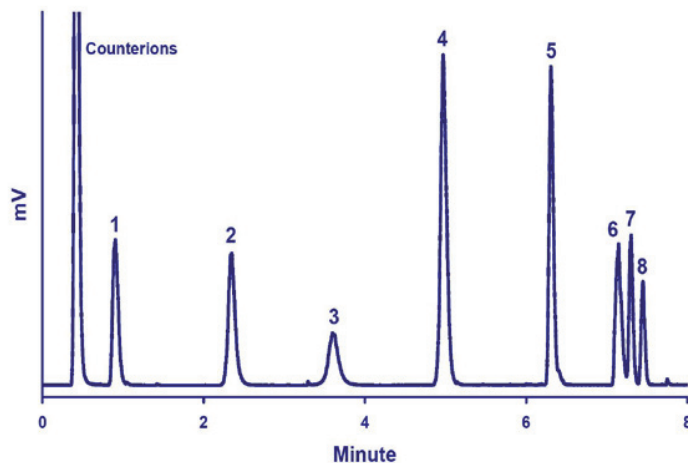


Simultaneous U-HPLC/LT-ELSD Analysis of Several Beta Blockers and Tricyclic Antidepressants at pH:11



Chromatogram of the Simultaneous U-HPLC/LT-ELSD Analysis of Several Beta Blockers and Tricyclic Antidepressants

Standard Mixture: 1- Atenolol, 2- Pindolol, 3- Acebutolol, 4- Metoprolol, 5- Propranolol, 6- Nortriptyline, 7- Imipramine, 8- Amitriptyline (500ppm each)

Injection volume: 1 μ L

Column: Zorbax Extend C18 (1.8 μ m, 2.1 x 50mm), 40°C

Flowrate: 0.3mL/min

Eluent: H₂O + Triethylamine 20mM, pH:11 (A) / Methanol (B)

Gradient: 0-0.5 minute: 35%B, 0.5-4 minutes: from 35%B to 95%B, 4-8 minutes: 95%B

Detector: SEDEX 90LT, 40°C, 3.5Bars