

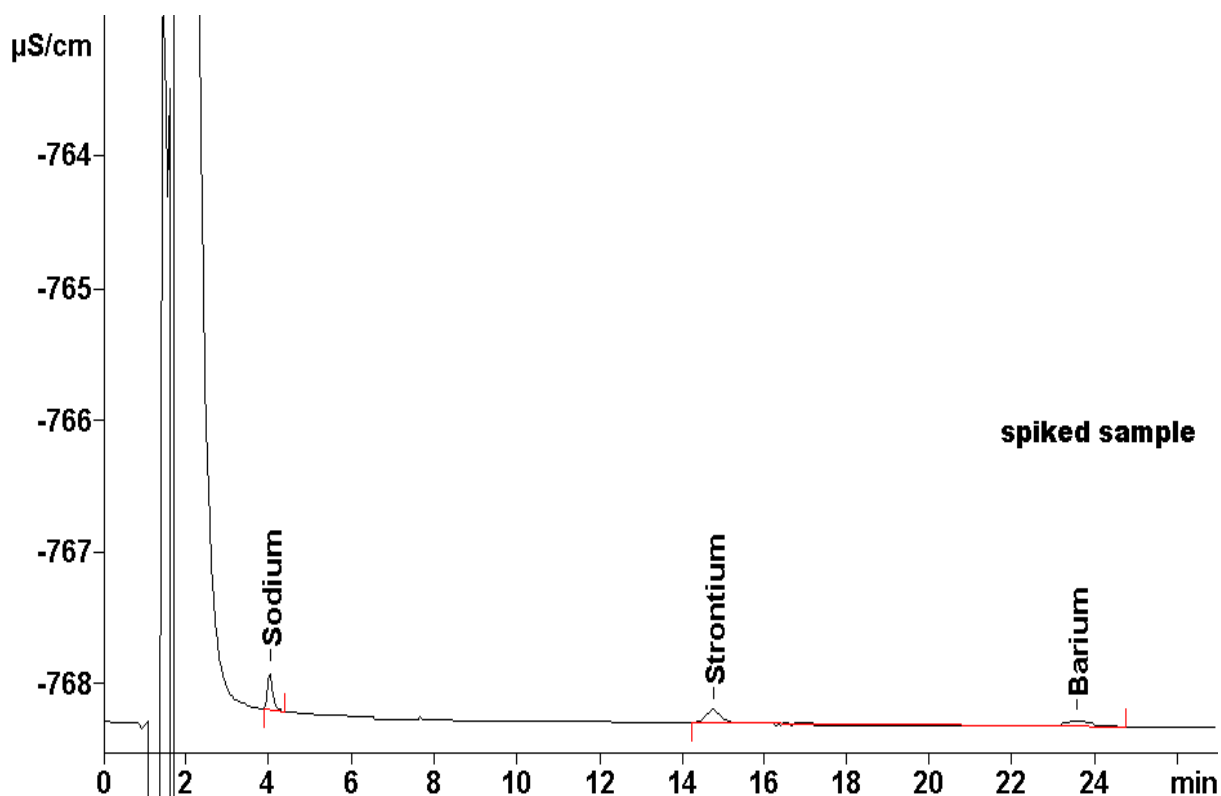
IC Application Note No. C-121

Title: Strontium and barium in monoethyleneglycol

Summary: Determination of strontium and barium in monoethyleneglycol using cation chromatography with direct conductivity detection.

Sample: Monoethyleneglycol 74%
Sample Preparation: Dilution 1:10 in ultrapure water

Column: 6.1050.420 Metrosep C 4 – 150
Temperature: 35 °C
Eluent: 5.0 mmol/L tartaric acid
 2.0 mmol/L dipicolinic acid
Flow: 0.9 mL/min
Injection Volume: 20 µL



Results:	Sodium mg/L	Strontium mg/L	Barium mg/L
Spiked sample	n.q.	1.0	1.0