

Analysis of cations

By ion chromatography, single and divalent cations can be analyzed simultaneously.

Fig. 1 shows the chromatogram from analysis of a standard solution containing 6 kinds of cation.

Keywords: 1.cation, 2.STD mixture, 3.YK-421, 4.conductivity detector

Conditions:

Column:	Shodex IC YK-421 + YK-G
Eluent:	5mM Tartaric acid + 1.5g/L Boric acid + 0.2mM 18-Crown-6 + 1mM 2,6 Dipicolinic acid
Flow rate:	1.0mL/min
Column temperature:	40 degree celsius
Detector:	Shodex CD-5
Sample:	STD mixture
Injection volume:	50μL

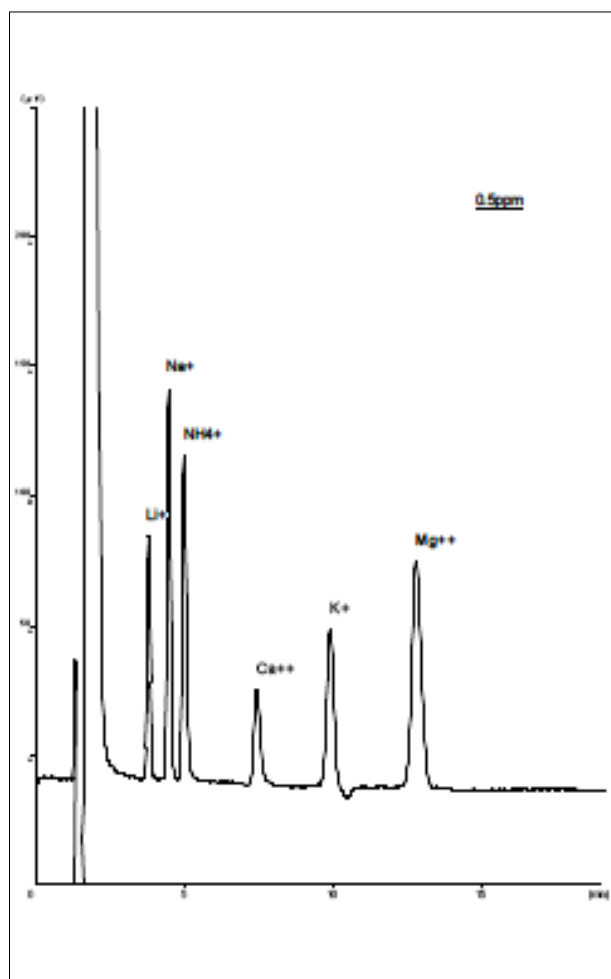
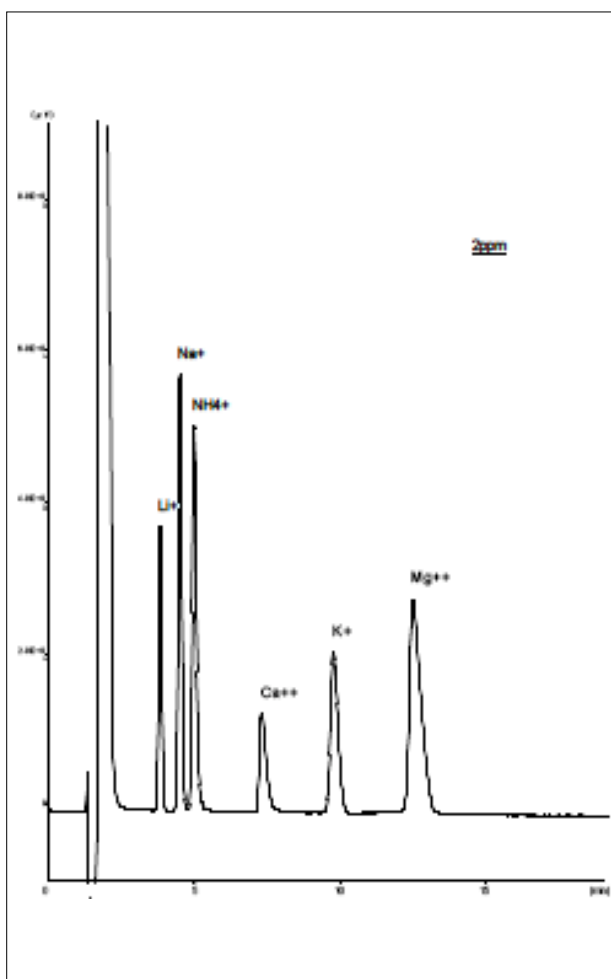


Fig. 1 standard solution mixture chromatogram.