

IC Application Note No. S-199

Title: Selenite and selenate besides standard anions

Summary: Determination of fluoride, chloride, nitrite, selenite, phosphate, nitrate, sulfate and selenate using anion chromatography with conductivity detection after chemical suppression.

Sample: Standard solution

Sample Preparation: –

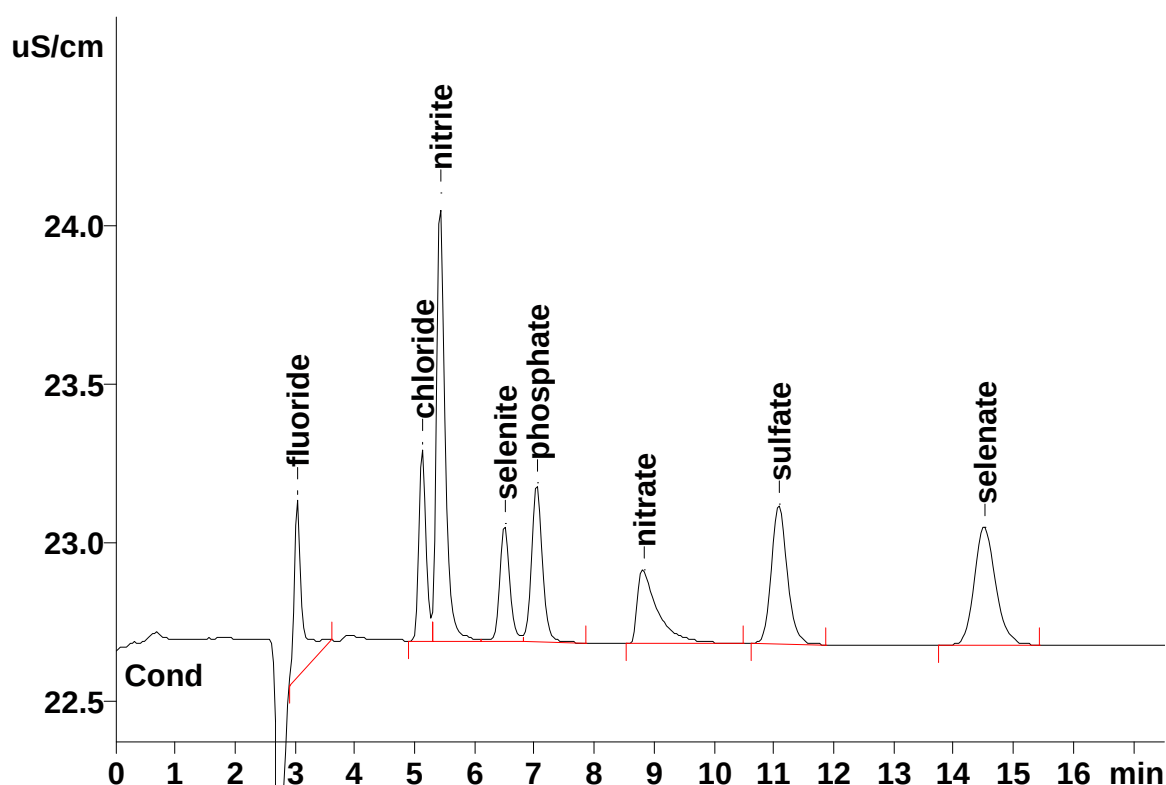
Column: 6.1005.300 Metrosep A Supp 1

Eluent: 8.5 mmol/L sodium carbonate

Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L sulfuric acid)

Flow: 1.0 mL/min

Injection Volume: 10 μ L



Results:	Fluoride mg/L	Chloride mg/L	Nitrite mg/L	Selenite mg/L	Phosphate mg/L	Nitrate mg/L	Sulfate mg/L	Selenate mg/L
	1.0	2.5	2.5	5.0	5.0	5.0	2.5	5.0