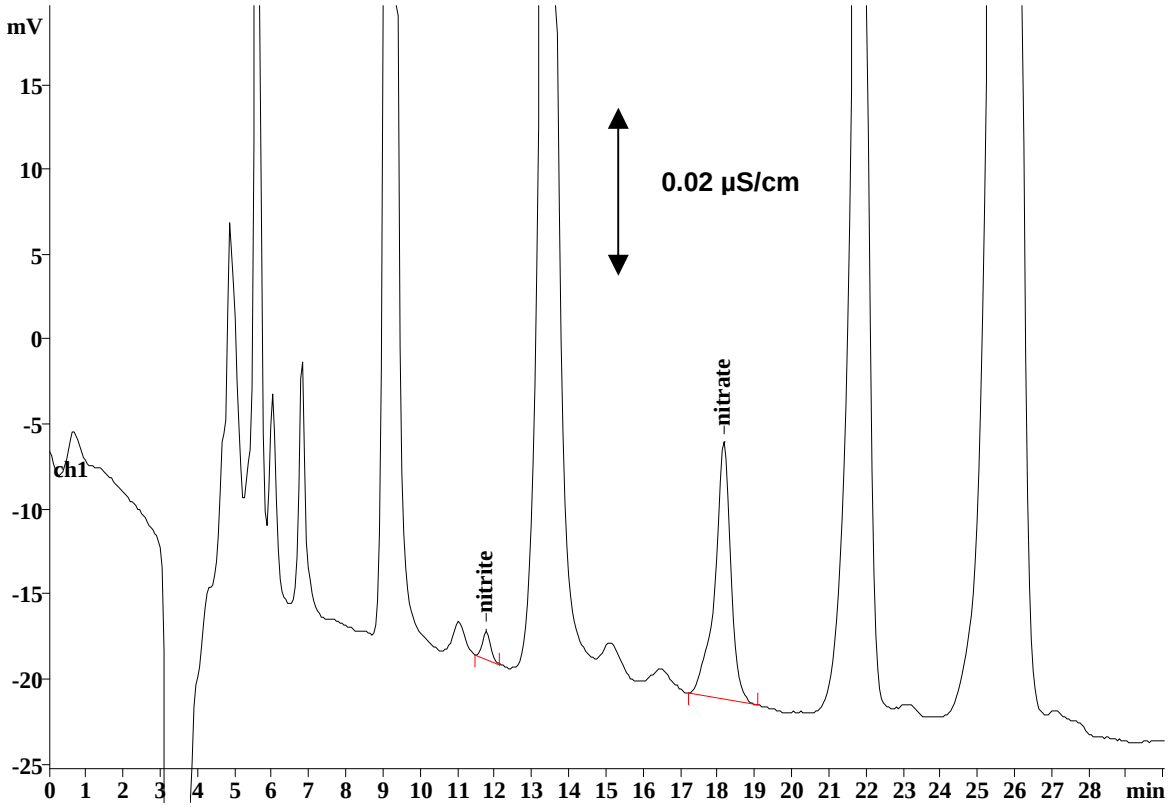
IC Application Note No. S-173

Title:	Nitrite and nitrate in a plant extract

***Summary*:**	Determination of nitrite and nitrate in a plant extract using anion chromatography with conductivity detection after chemical suppression.

Sample:	Plant extract
Sample Preparation:	Dilution 1: 80 with ultrapure water

Column:	6.1006.530 Metrosep A SUPP 5 – 250
Eluent:	1.0 mmol/L sodium hydrogen carbonate 3.2 mmol/L sodium carbonate
Suppressor:	Metrohm Suppressor Module (MSM, 100 mmol/L H_2SO_4)
Flow:	0.7 mL/min
Injection Volume:	20 µL



Results:	Nitrite mg/L	Nitrate mg/L
	0.37	**10.52**