

# IC Application Note No. S-11

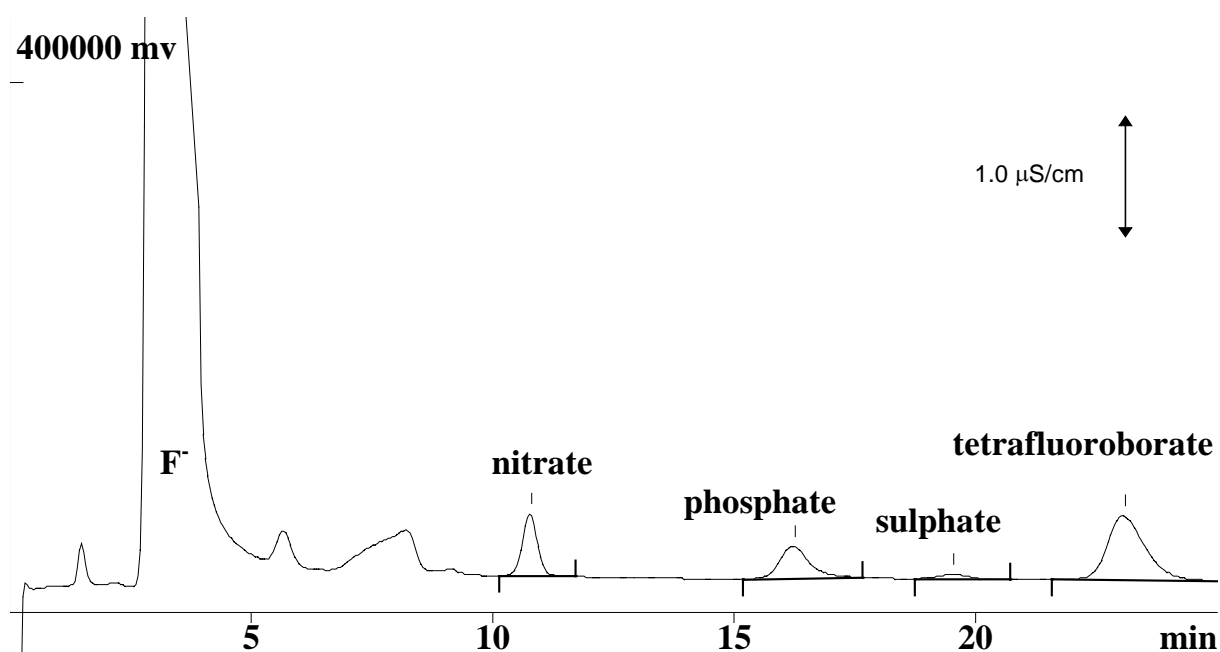
<b>Title:</b>	<b>Phosphate and Tetrafluoroborate in 2 % Hydrofluoric Acid</b>
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<b>Summary:</b>	Determination of phosphate and tetrafluoroborate in 2 % HF using anion chromatography with conductivity detection after chemical suppression.
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<b>Sample:</b>	2 % Hydrofluoric acid
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<b>Sample Preparation:</b>	-
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<b>Column:</b>	6.1006.100 Metrosep Anion Dual 2
<b>Eluent:</b>	2 mmol/L sodium hydrogencarbonate, 1.3 mmol/L sodium carbonate, 12% acetone
<b>Suppressor:</b>	Metrohm Suppressor Module (MSM, 50 mmol/L H <sub>2</sub> SO <sub>4</sub> )
<b>Flow:</b>	0.8 mL/min
<b>Injection Volume:</b>	20 µL



<b>Results:</b>	HPO <sub>4</sub> <sup>2-</sup> mg/L	BF <sub>4</sub> <sup>-</sup> mg/L
	4.7	8.8