

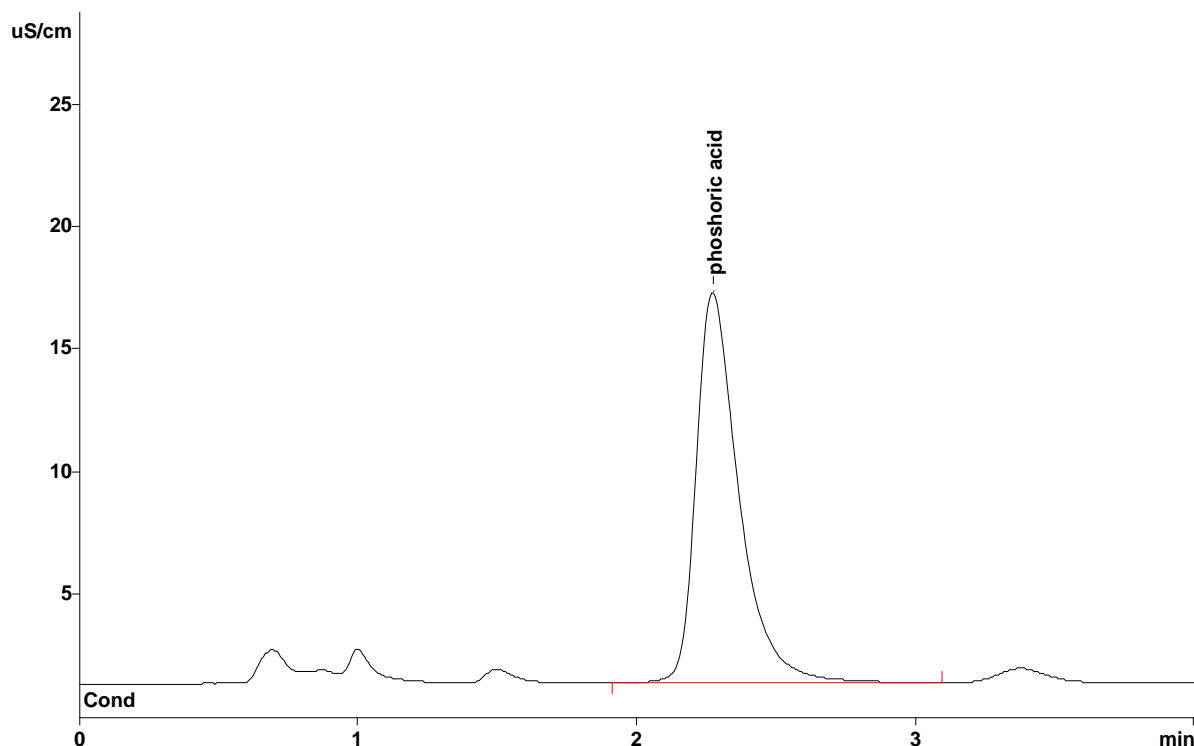
# IC Application Note No. S-185

**Title:** Phosphoric acid in soft drinks using 761 SD Compact IC

**Summary:** Determination of phosphoric acid in a soft drink using anion chromatography with conductivity detection after chemical suppression.

**Sample:** Soft drink  
**Sample Preparation:** Degassing under vacuum or inline degassing using 837 Advanced Sample Degasser

**Column:** 6.1005.340 Metrosep A Supp 1 HS  
**Eluent:** MPak Eluent (A Supp 1 HS SD)  
 3.0 mmol/L sodium carbonate  
**Suppressor:** Metrohm Suppressor Module (MSM, MPak Regenerant)  
**Flow:** 1.2 mL/min  
**Injection Volume:** 1.5 µL



<b>Results:</b>	Phosphoric acid mg/L
	<b>521.6</b>