

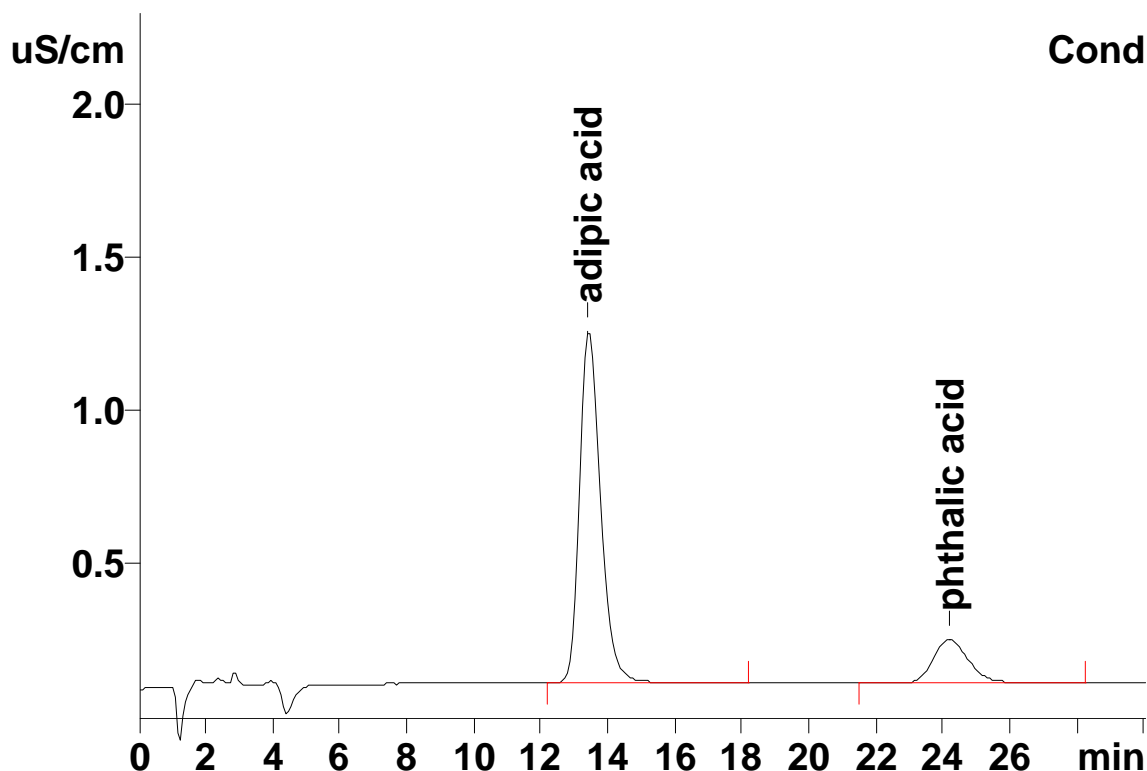
# IC Application Note No. S-136

**Title:** Adipic and phthalic acid in a digestion solution

**Summary:** Determination of adipic acid and phthalic acid in an alkaline ester digestion solution using anion chromatography with conductivity detection after chemical suppression.

**Sample:** Alkaline ester digestion solution  
**Sample Preparation:** Dilution 1 : 200

**Column:** 6.1006.100 Metrosep Anion Dual 2  
**Eluent:** 2.0 mmol/L sodium hydrogencarbonate, 1.3 mmol/L sodium carbonate  
**Suppressor:** MSM (50 mmol/L H<sub>2</sub>SO<sub>4</sub>)  
**Flow:** 1.0 mL/min  
**Injection Volume:** 20 µL



<b>Results:</b>	adipic acid g/L	phthalic acid g/L
	21.73	2.156