## **Application Report 20**

## US EPA Method 552.2 Haloacetic Acids on Equity-1701

Haloacetic acids are the byproducts of the chlorination of drinking water. They are formed when chlorine reacts with organic matter. Concern with long-term exposure to these compounds has led to periodic testing of many public water supplies. US EPA Method 552.2 describes the analysis of 11 of these compounds in drinking water. In this application, all 11 compounds, plus an internal standard, were separated on the Equity-1701. The resolution of dalapon and DCAA was achieved while still keeping the run to less than 35 minutes.

## **Key Words**

haloacetic acids, Method 552.2, 28372-U, 47788, 46970-U, 47663-U, 47669-U

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Raw Data File Name: C:\HPCHEM\DATA\1\CAA00010.D (HPCS 53)

Acquisition System: GC 1902



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