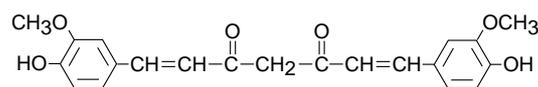
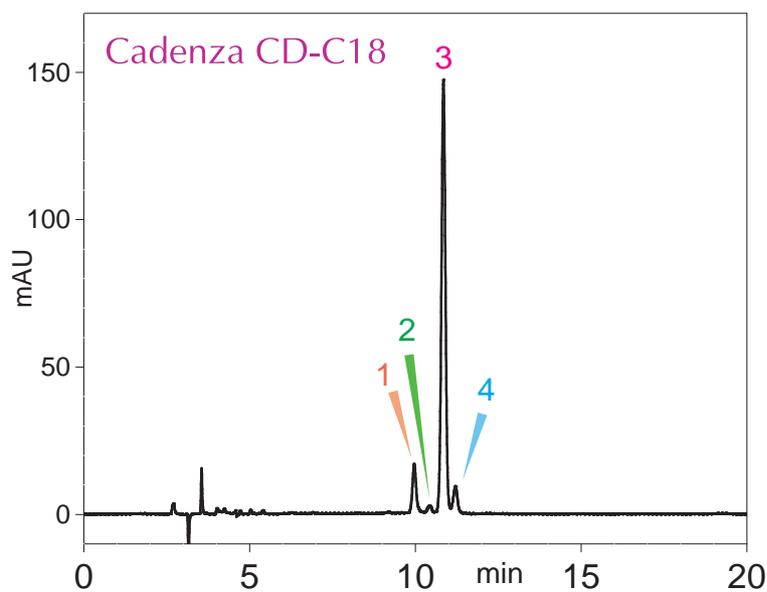


Cadenza CD-C18

250 x 4.6 mm

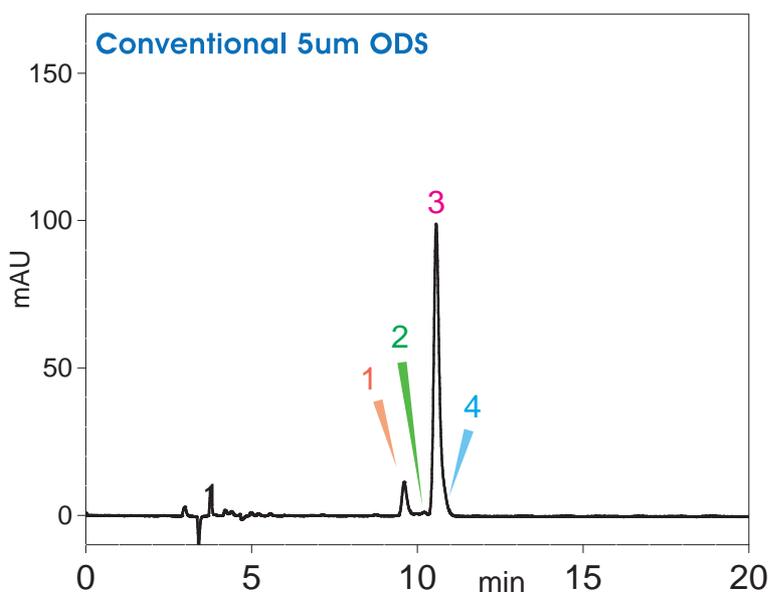
Technical

Impurity Detection through Powerful Separation



3 curcumin

250 x 4.6 mm
acetonitrile / water / formic acid
= 55 / 45 / 0.05
0.8 mL/min, 37 °C, UV at 220 nm



This comparative data proves the high-efficiency of Cadenza CD-C18's separation.

Curcumin the main ingredient found within turmeric. When analyzing the market reagent curcumin, a number of impurities are detected as shown above. Cadenza CD-C18 clearly uncovered three impure ingredients. Under the exact same conditions, a conventional ODS column did not even detect the impurity shown in peak #2. Moreover, peak #4 overlapped with the curcumin peak. This level of separation is unsatisfactory.

A high-resolution column is essential to check for the impurities in natural products and compounds. Cadenza CD-C18's 250 x 4.6 mm column proudly offers our users the revolutionary power of 50,000 plates per column, twice the number found in standard columns.

For the ultimate separation, Cadenza CD-C18 is at your service.