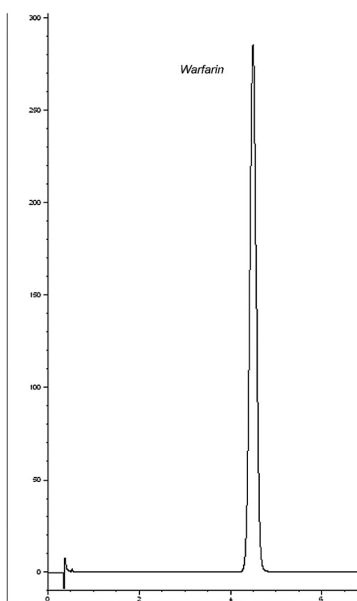
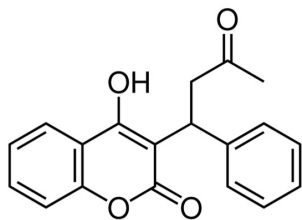


Warfarin Tablet Assay

Excellent Peak Shape on a Rugged Column



Method Conditions

Column: Cogent Bidentate C18™, 4µm, 100Å

Catalog No.: 40018-75P

Dimensions: 4.6 x 75 mm

Mobile Phase: 52% Acetonitrile/ 48% DI H₂O/ 10 mM sodium phosphate monobasic

Temperature: 40°C

Injection vol.: 10µL

Flow rate: 1.5 mL/min

Detection: UV 280 nm

Peak: 1. Warfarin

Discussion

This method is easy to prepare, use and reproduce. Note the excellent peak shape for this compound. This column and methodology will give a long life and many reproducible runs.

Notes: Warfarin (also known under the brand names Coumadin, Jantoven, Marevan, and Waran) is an anticoagulant. It is named after the Wisconsin Alumni Research Foundation, which sponsored its development. It was initially marketed as a pesticide against rats and mice, and is still popular for this purpose, although more potent poisons such as brodifacoum have since been developed.