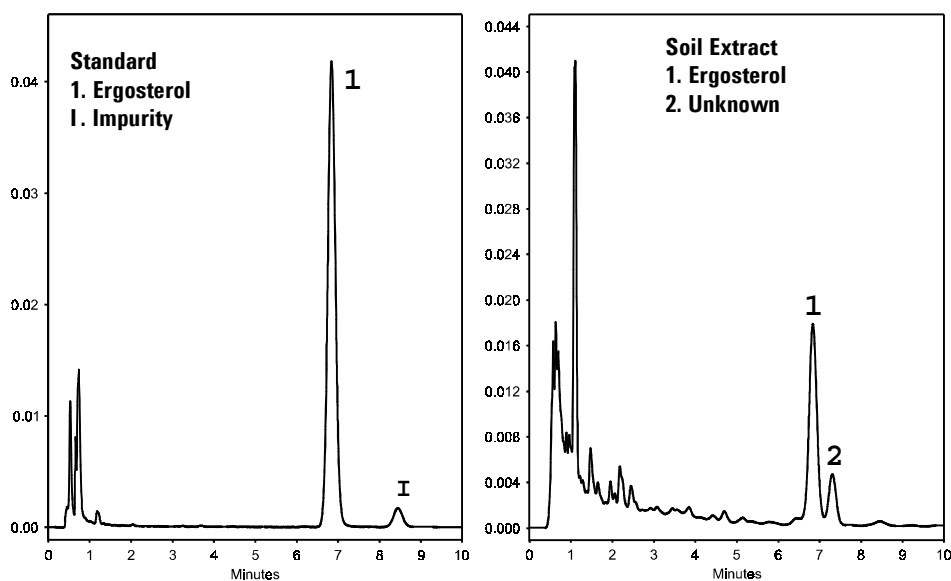


Ergosterol

Application Agrichemical

Robert D. Ricker

Ergosterol is a pro-vitamin of Vitamin D2. Ergocalciferol (Vitamin D2) is produced in plants, fungi and yeasts by the ultraviolet irradiation of ergosterol. This application demonstrates the chromatographic conditions used for analyzing extracted soil samples.



Conditions:
Column: ZORBAX Rx-C18, 4.6 x 75 mm (3.5 µm) Agilent Part No. 866967-902
Mobile Phase: H₂O : MeOH, 2:98
UV: 280 nm
Flow: 1.0 mL / min.; Ambient

Highlights

- Fast analyses of soil extracts are achieved using Agilent ZORBAX Rapid-Resolution Rx-C18 columns.
- Good peak shape and retention are also a benefit of this method, using ZORBAX Rx-C18 columns.



Agilent Technologies

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