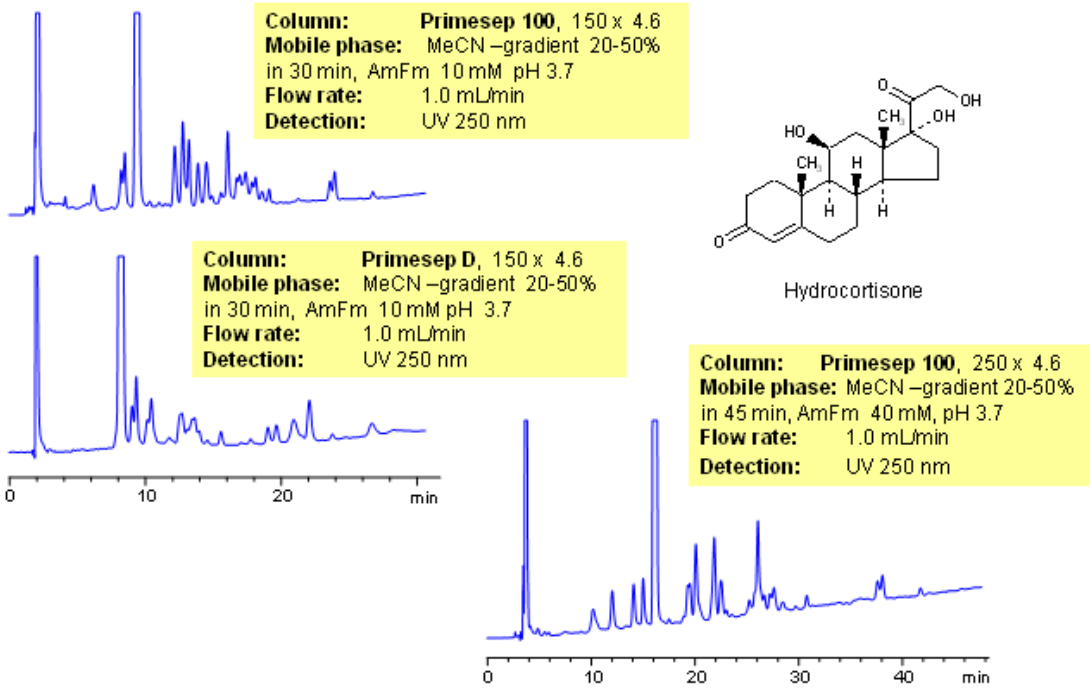
HPLC Separation of Hydrocortisone and Hydrocortisone's Degradation Products



Cortisol (hydrocortisone) is a steroid hormone produced by the adrenal gland. Hydrocortisone is a hydrophobic neutral compound with some polar groups in its structure. Several Primesep mixed-mode columns were used for separation of hydrocortisone and its degradation products. Each column showed a different selectivity for separation, which attributed to different polar-embedded groups on Primesep 100 and Primesep D columns. Both columns can be used for degradation studies of various hydrophobic compounds.

Method Parameters

Detection	UV Detection

Quelle: https://sielc.com/Application-HPLC-Separation-of-Hydrocortisone-and-Hydrocortisones-Degradation-Products

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