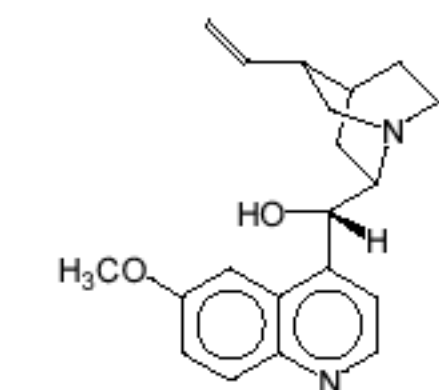
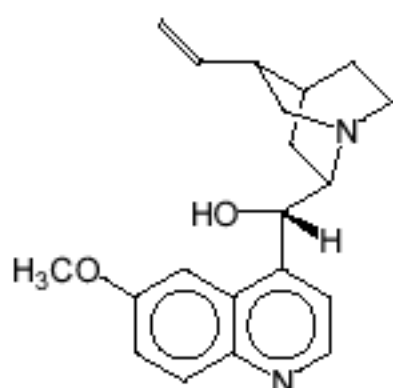


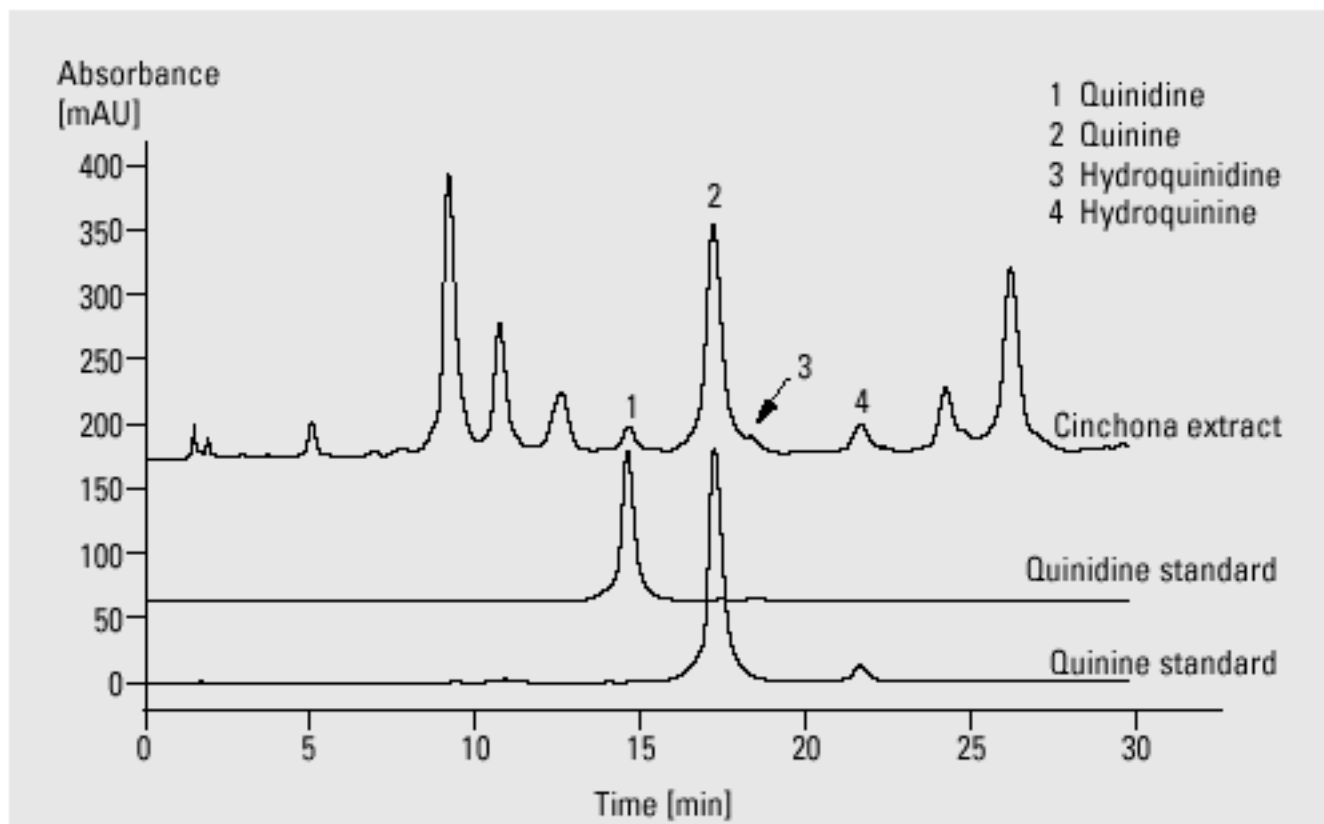
# Cortex Cinchonae Extract



Quinidine



Quinine

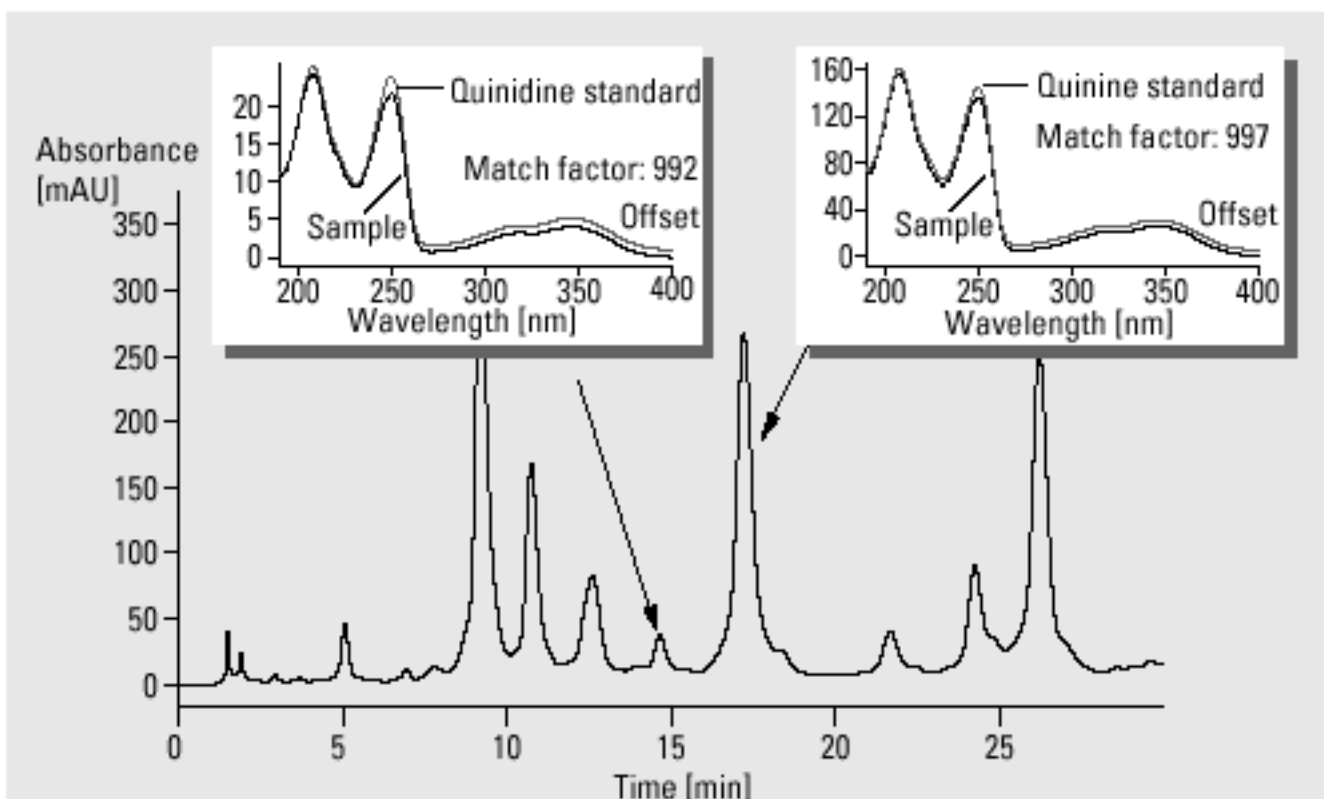


## Analysis of *Cortex Cinchonae* extract

<b>Column</b>	4 x 125 mm Purospher RP-18, 5 $\mu$ m
<b>Mobile phase</b>	A = 0.05M $\text{KH}_2\text{PO}_4$ in water (pH = 3), B = acetonitrile
<b>Flow rate</b>	0.8 ml/min
<b>Gradient</b>	at 0 min 4 % B at 25 min 10 % B at 45 min 30 % B
<b>Column wash</b>	at 46 min 60 % B at 49 min 60 % B at 50 min 4 % B
<b>UV detector</b>	variable wavelength detector 210 nm, standard cell
<b>Column compartment temperature</b>	25 $^\circ\text{C}$
<b>Stop time</b>	50 min
<b>Post time</b>	5 min
<b>Injection volume</b>	5 $\mu$ l

## Extraction

The extract (from *Caesar & Loretz GmbH, Germany*) was diluted (1:10) and 5  $\mu$ l were applied to HPLC.



Comparison of sample and standard spectra of quinidine and quinine