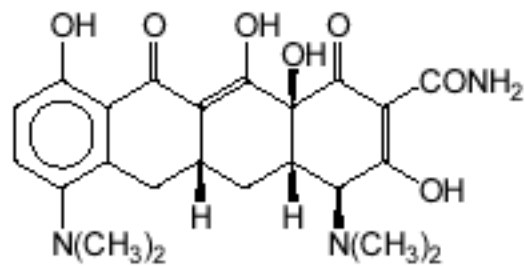
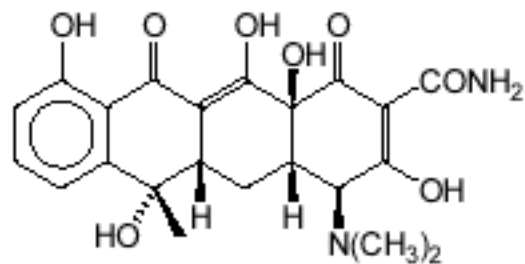


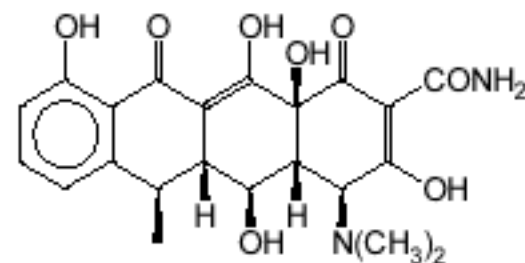
Antibacterial Drugs - Tetracyclines



Minocycline

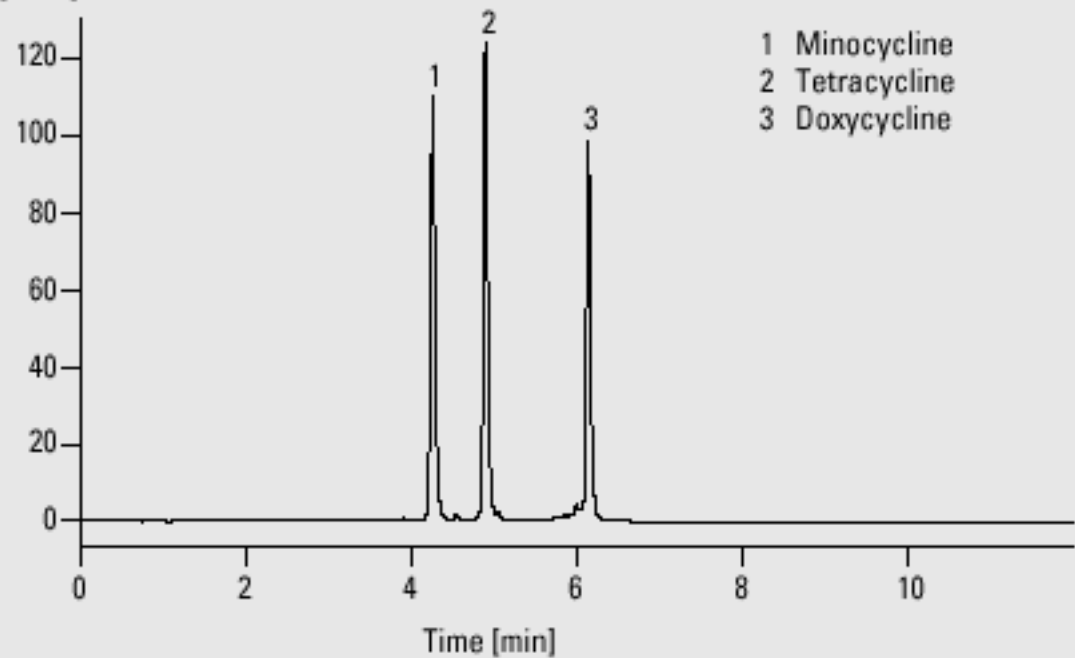


Tetracycline



Doxycycline

Absorbance
[mAU]



Analysis of tetracyclines

Column	4.6 x 75 mm Zorbax SB-C18, 3.5 μ m
Mobile phase	A = 0.025 M KH_2PO_4 in water (pH = 3), B = acetonitrile
Flow rate	1.0 ml/min
Gradient	at 0 min 5 % B at 10 min 60 % B
Column wash	at 12 min 5 % B
UV detector	variable wavelength detector 350 nm, standard cell
Column compartment temperature	25 $^\circ\text{C}$
Stop time	12 min
Post time	5 min
Injection volume	5 μ l