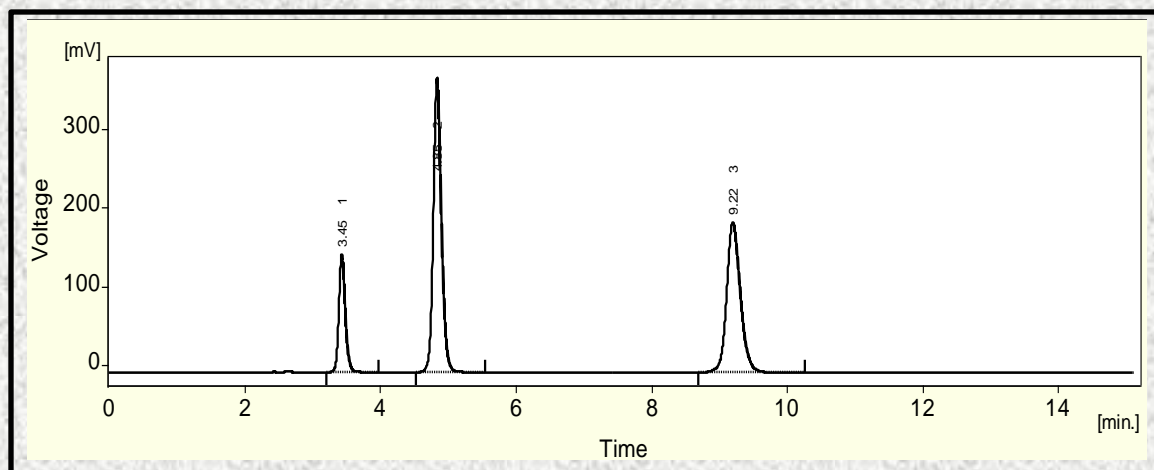


## Separation of Xanthines on Reliasil ODS, 5 $\mu$ m



<b>Theobromine, R<sub>1</sub></b>	3.45 min
<b>Theophylline, R<sub>2</sub></b>	4.85 min
<b>Caffeine, R<sub>3</sub></b>	9.22 min

<b>Column</b>	Reliasil ODS, 5 micron, 4.6 x 150 mm
<b>Mobile Phase</b>	90/10 25 mM KH <sub>2</sub> PO <sub>4</sub> , pH=2.7/Acetonitrile
<b>Flow Rate (mL/min)</b>	1.0
<b>Temperature (°C)</b>	25
<b>Detection</b>	UV at 254 nm