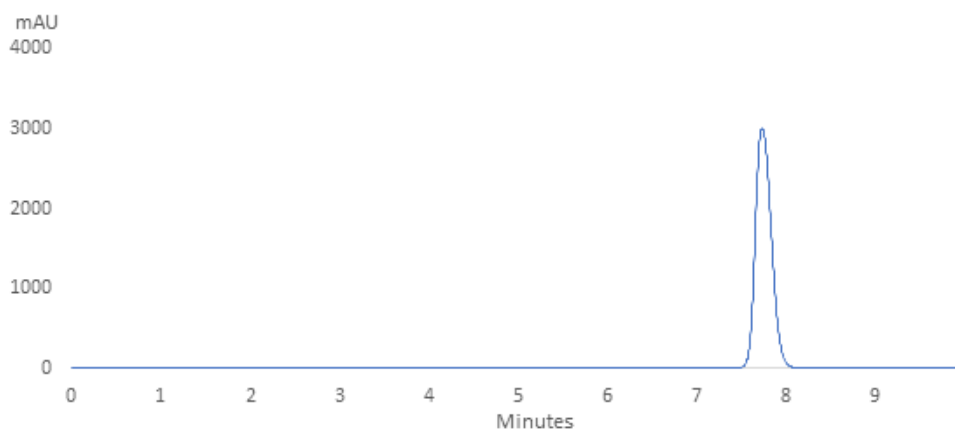


# Pentoxifylline

## Experimental

<b>Column:</b>	SVEA C8, 5 µm 110 Å 4.6 x 250 mm
<b>Instrument:</b>	HPLC
<b>Mobile phase:</b>	Mobile Phase A- Methanol:0.04 M potassium dihydrogen phosphate (30:70) Mobile Phase B- Methanol: 0.04 M potassium dihydrogen phosphate (70:30)
<b>Gradient:</b>	85 % A in 0 to 6 min; 85-10 % A in 6 to 13 min; 10% A at 13-30 min; 10-85 % A in 30 to 35 min; 85 % A in 35 to 45 min
<b>Flow rate:</b>	1.mL/min
<b>Injection volume:</b>	10µl
<b>Column temperature:</b>	30°C
<b>Detector:</b>	UV 272 nm
<b>Sample:</b>	2000 ppm Pentoxifylline in 0.04 M potassium dihydrogen phosphate: Methanol (50:50)



### Performance

Retention time = 7.7

USP Tailing = 1.23

Theoretical plate number = 34712

Area under curve = 37702.289

