

## 34. Low Levels of TFA

Peptide peaks are symmetrical, even with low levels of the ion pairing agent, TFA. There are no residual silanols on the surface of the PLRP-S which need to be masked to prevent peak tailing. Performing the analysis with low levels of TFA can be a significant advantage in LC/MS, as the presence of TFA will reduce the MS sensitivity.

Column: PLRP-S 100Å 5µm, 150 × 4.6mm (1111-3500)

Eluent A: TFA (various %) in Water

Eluent B: TFA (various %) in ACN

Gradient: 20-50% B in 15 mins

Flow Rate: 1.0ml/min

Detector: PL-ELS 2100  
(neb=85°C,  
evap=80°C,  
gas=1.0 SLM)

### KEY

1. Oxytocin
2. Angiotensin II
3. Angiotensin I
4. Insulin

