

C18-HL

Mechanisms of Separation

Hydrophobic binding interactions

Strength of Interaction

Very strong

Shape selectivity

Weak

Target Analytes

Analytes differing in hydrophobicity

Polar, moderately polar, and non-polar analytes

Uncharged acids and bases

Recommended Applications

Preparative

FIGURE 20: Reproducible Scale-up with ACE C18-HL Columns

Conditions

Mobile Phase: 35:65 MeCN/0.1% TFA in H₂O

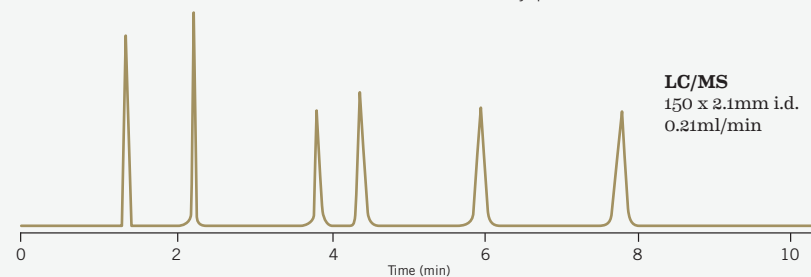
Temperature: 22 °C

Wavelength: 254nm

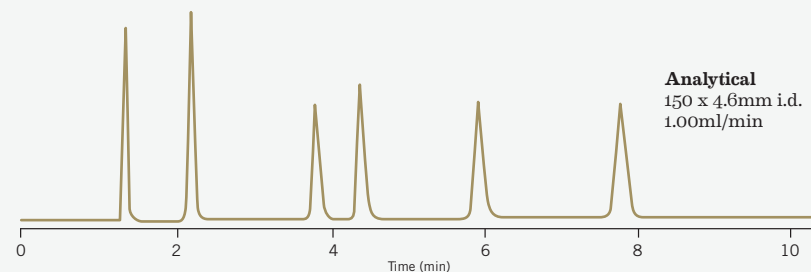
Compounds

1. Uracil
2. 4-Hydroxybenzoic acid
3. Acetylsalicylic acid
4. Benzoic acid
5. 2-Hydroxybenzoic acid
6. Ethyl paraben

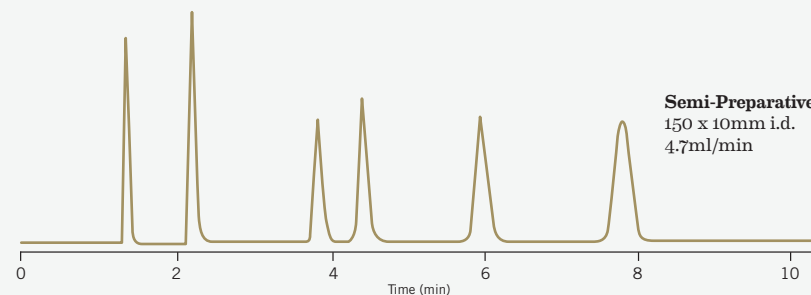
ACE 3 C18-HL



ACE 5 C18-HL



ACE 10 C18-HL



ACE 15 C18-HL

