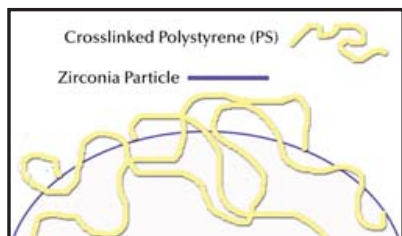




## ZIRCHROM®-PS



- pH Stable from 1 up to 13
- Excellent Thermal Stability
- Superior Selectivity for Poly Aromatic Compounds

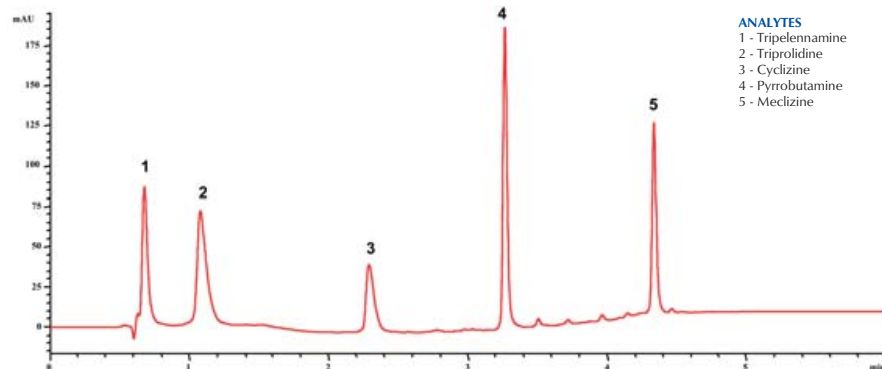
### Method Development with ZirChrom®-PS

ZirChrom®-PS uses an extremely thin layer of polystyrene, instead of the polybutadiene coating used in ZirChrom®-PBD. This gives ZirChrom®-PS an alternative selectivity and less retention, making it ideal for non-polar analytes, or where highly aqueous mobile phases are necessary.

PACKING	MODE	PART
ZirChrom®-PS	Reversed-Phase	ZR09

Microbore, Semi-Prep and Prep Formats Available—see Page 24

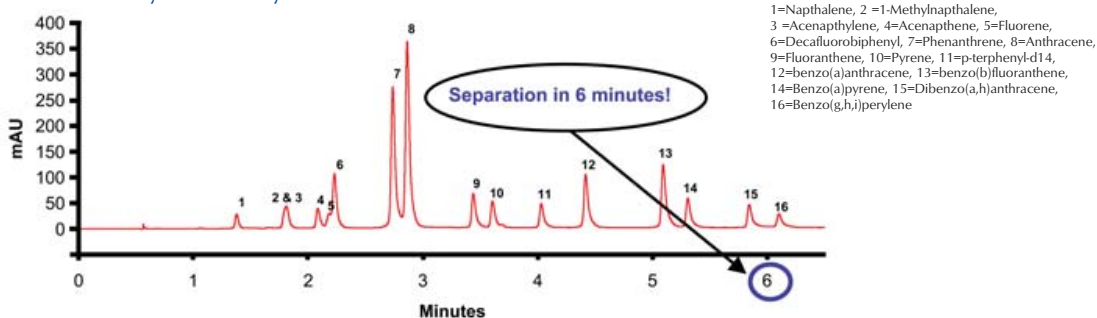
#### Antihistamines on ZirChrom®-PS



#### LC CONDITIONS

Mobile phase: [A] 25 mM HCl, pH 1.9  
[B] Acetonitrile  
Gradient Elution: 5 - 15% B over 0 - 1 minutes, 15 - 60% B over 1 - 4 minutes  
Flow rate: 1.0 ml/min Temperature: 40 °C  
Injection volume: 0.5 µl Detection: 254 nm  
Column: ZirChrom®-PS, 50 x 4.6 mm i.d. (part# ZR09-0546)

#### Sixteen Polyaromatic Hydrocarbons in Six Minutes



#### LC CONDITIONS

Mobile phase: [A] Water  
[B] Acetonitrile  
Gradient Elution: 10 - 50% B over 0 - 7 minutes  
Flow rate: 3.0 ml/min Temperature: 125 °C  
Injection volume: 2 µl Detection: 254 nm  
Column: ZirChrom®-PS, 150 x 4.6 mm i.d. (part# ZR09-1546)