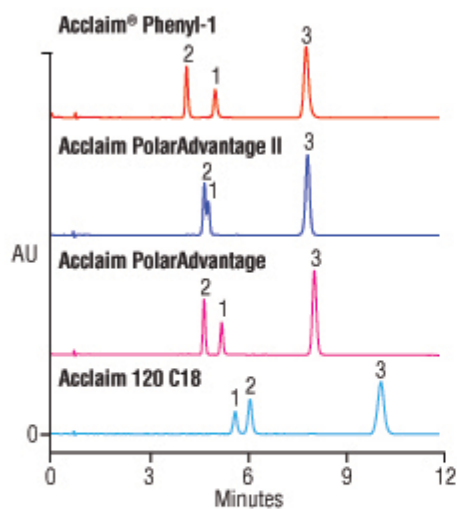
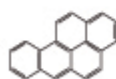


PAH Selectivity Comparison – NIST SRM 869a



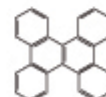
Column: See traces
 Dimensions: 4.6 × 150 mm, 3 µm
 Mobile Phase: CH₃CN/H₂O v/v 85/15
 Temperature: 25 °C
 Flow Rate: 1 mL/min
 Inj. Volume: 5 µL
 Detection: UV at 254 nm
 Sample: NIST SRM 869a standard mix
 Peaks:
 1. Benzo[a]pyrene (BaP)
 2. Phenanthro[3,4-c]phenanthrene (PhPh)
 3. Dibenzo[g,p]chrysene (TBN)



Benzo[a]pyrene (BaP)



Phenanthro[3,4-c]phenanthrene (PhPh)



Dibenzo[g,p]chrysene (TBN)