

## Isocratic Elution of Hydroxybenzoic Acids on Ultra IBD

### Peak List

1. 4-hydroxybenzoic acid
  2. 2,5-dihydroxybenzoic acid
  3. 3-hydroxybenzoic acid
- \* unknown peak

### Sample:

Inj.: 20  $\mu$ L  
Conc.:  $\sim$ 50  $\mu$ g/mL each component  
Sample diluent: mobile phase

### Column:

**Ultra IBD**  
Cat.#: 9175565  
Dimensions: 150mm x 4.6mm  
Particle size: 5  $\mu$ m  
Pore size: 100Å

### Conditions:

Mobile phase: 70:30 20mM potassium phosphate  
(pH 2.5):acetonitrile  
Flow: 1.0mL/min.  
Temp.: ambient  
Det.: UV @ 254nm

