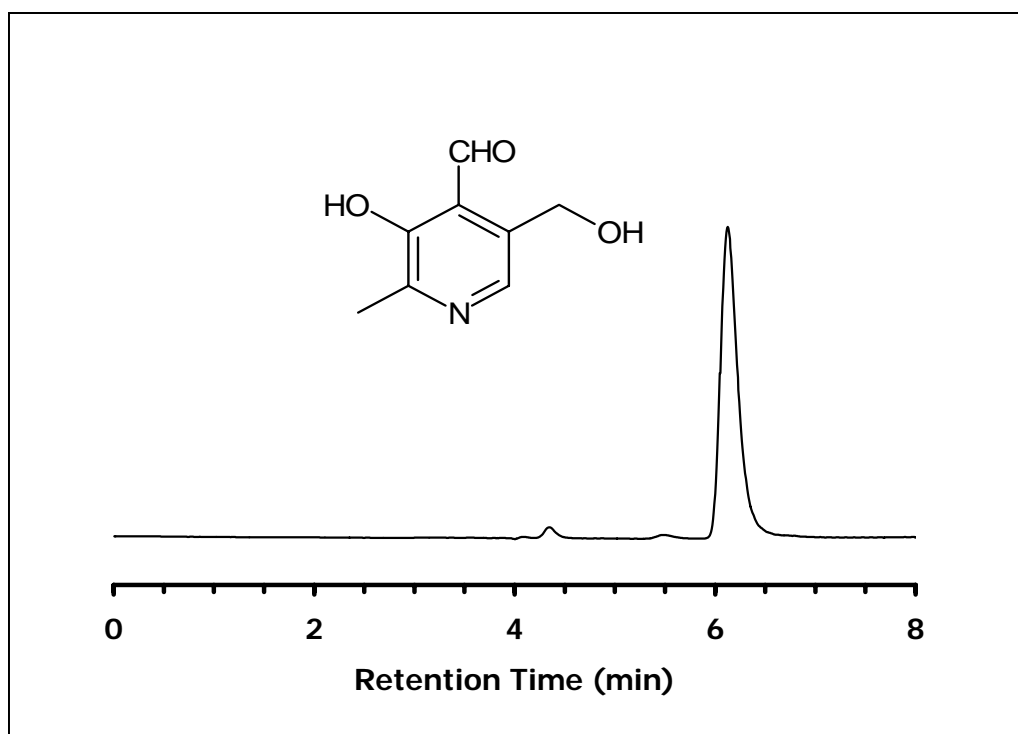


## ZIC®-HILIC Separation of Pyridoxal

### Chromatographic Conditions

Column: ZIC®-HILIC, PEEK 150 x 4.6 mm, 5 µm, 200 Å (P/N 2712-155)  
Injection: 10 µL in mobile phase  
Detection: UV @ 254 nm (UFS 1.0 V)  
Pressure Drop: 1.6 MPa (230 psi)  
Flow Rate: 0.5 mL/min  
Mobile Phase (v/v): 90%, Acetonitrile  
10%, Ammonium Formate 10 mM  
(total ionic strength = 1 mM)



### Chromatographic Data

| No. | Compound             | Time (min) | Retention factor |
|-----|----------------------|------------|------------------|
|     | $t_0$ void volume    | 3.0        | -                |
| 1   | Vitamin B6 Pyridoxal | 6.1        | 1.0              |