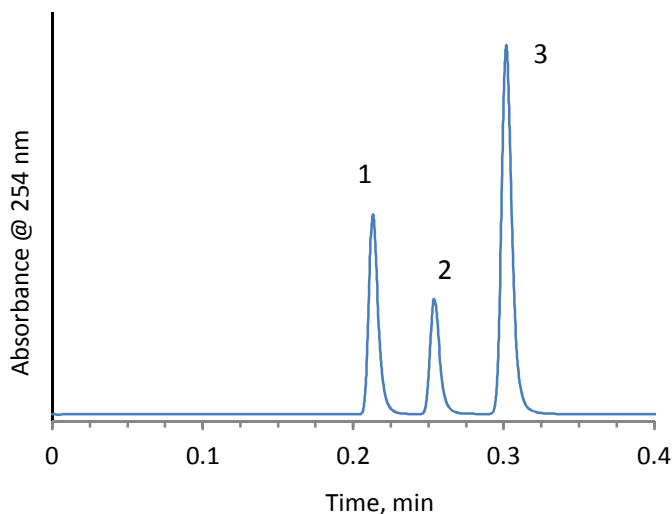


Application Note: 018-P

## Separation of Vanillins on HALO 90 Å C18



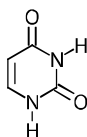
### PEAK IDENTITIES:

1. Uracil
2. Vanillin
3. *o*-Vanillin

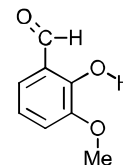
### TEST CONDITIONS:

Column: HALO 90 Å C18, 2.7  $\mu$ m, 4.6 x 50 mm  
Part Number: 92814-402  
Mobile Phase: 35/65-- A/B  
A=water B= acetonitrile  
Flow Rate: 2.0 mL/min.  
Pressure: 166 Bar  
Temperature: 30°C  
Detection: UV 254 nm, VWD  
Injection Volume: 0.5  $\mu$ L  
Sample Solvent: methanol  
Response Time: 0.02 sec.  
Flow Cell: 2.5  $\mu$ L semi-micro  
LC System: Shimadzu Prominence UFLC XR  
Extra column volume: ~14  $\mu$ L

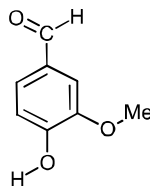
### STRUCTURES:



Uracil



*o*-Vanillin



Vanillin