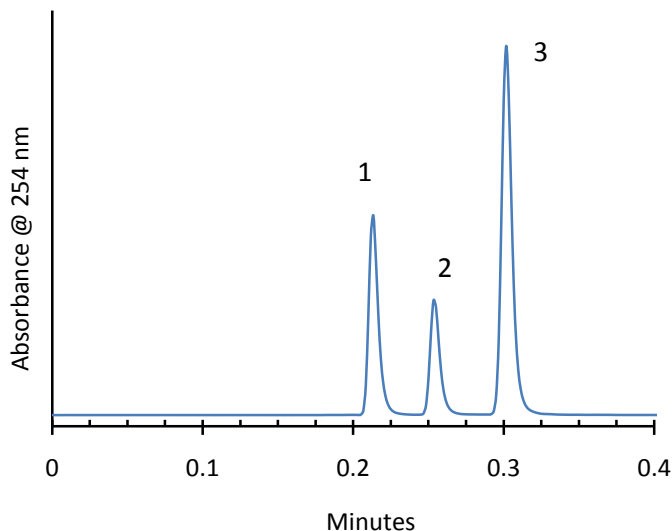


Application Note: 18-P

Separation of Vanillins on HALO C-18



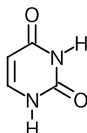
PEAK IDENTITIES:

1. Uracil
2. Vanillin
3. o-Vanillin

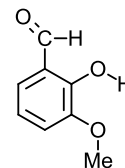
TEST CONDITIONS:

Column: 4.6 x 50 mm, HALO C-18
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 µL
Sample Solvent: methanol
Response Time: 0.02 sec.
Flow Cell: 2.5 µL semi-micro
LC System: Shimadzu Prominence UFLC XR
Extra column volume: ~14 µL

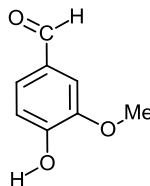
STRUCTURES:



Uracil



o-Vanillin



Vanillin