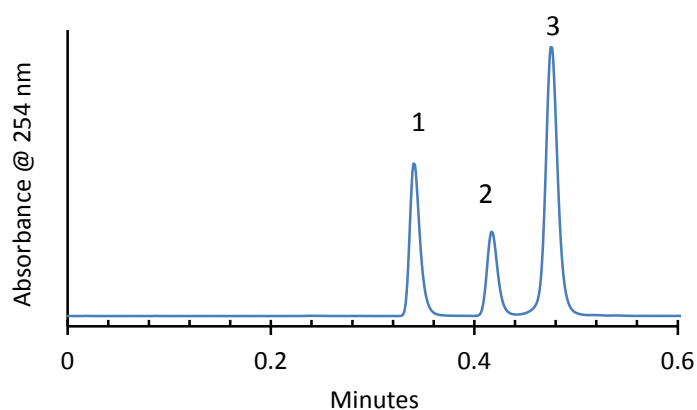


Application Note: 19-P

Separation of Vanillins on HALO Phenyl Hexyl



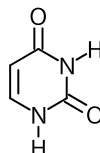
PEAK IDENTITIES:

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

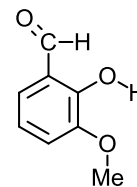
TEST CONDITIONS:

Column: 4.6 x 50 mm, HALO Phenyl Hexyl
Part Number: 92814-406
Mobile Phase: 25/75-- A/B
A=water B= methanol
Flow Rate: 1.5 mL/min.
Pressure: 196 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

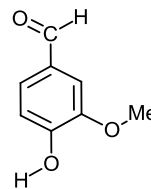
STRUCTURES:



Uracil



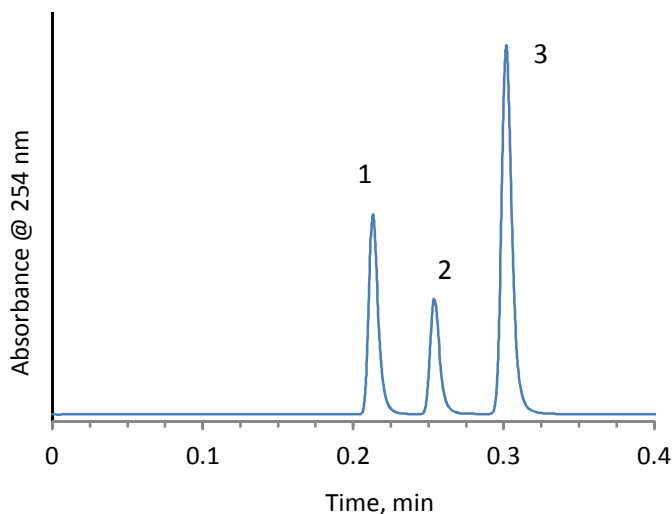
o-Vanillin



Vanillin

Application Note: 018-P

Separation of Vanillins on HALO 90 Å C18



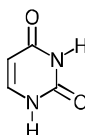
PEAK IDENTITIES:

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

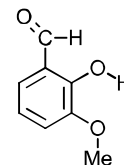
TEST CONDITIONS:

Column: HALO 90 Å C18, 2.7 µm, 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 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

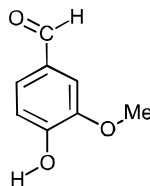
STRUCTURES:



Uracil



o-Vanillin



Vanillin