

Vanillins – Fast Analysis

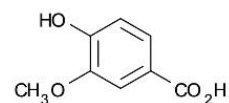
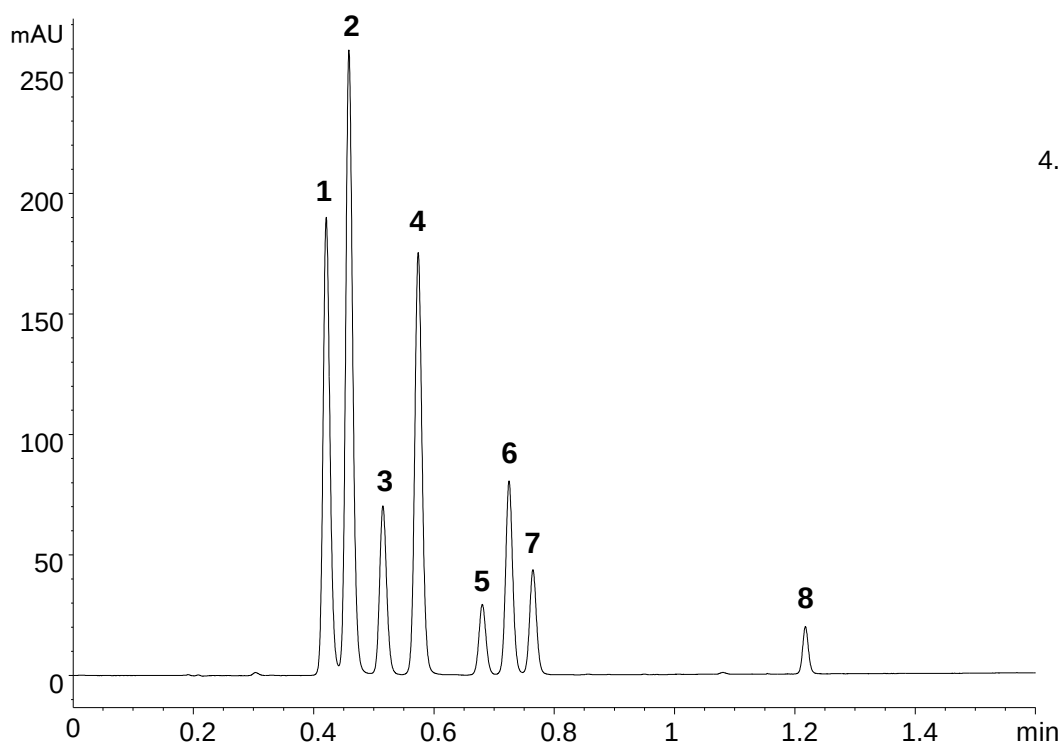
Application #AN2240

Conditions

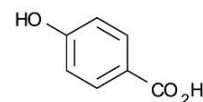
Column: ACE Excel 1.7 C18-Amide
Dimensions: 50 x 3.0 mm
Part Number: EXL-1712-0503U
Mobile Phase: A: 0.1% formic acid in H₂O
B: 0.1% formic acid in MeCN

Flow Rate: 1.3 mL/min
Injection: 1 µL
Temperature: 45 °C
Detection: UV, 260 nm

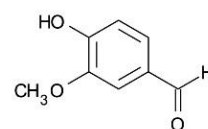
Time (mins)	%B
0.00	25
1.32	75
1.49	75
1.60	25



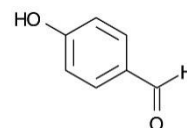
1. Vanillic acid



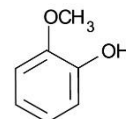
2. 4-Hydroxybenzoic acid



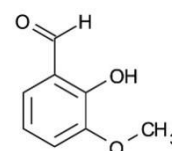
3. Vanillin



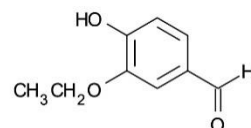
4. 4-Hydroxybenzaldehyde



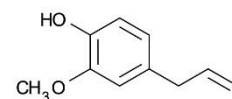
5. Guaiacol



6. o-Vanillin



7. Ethyl vanillin



8. Eugenol