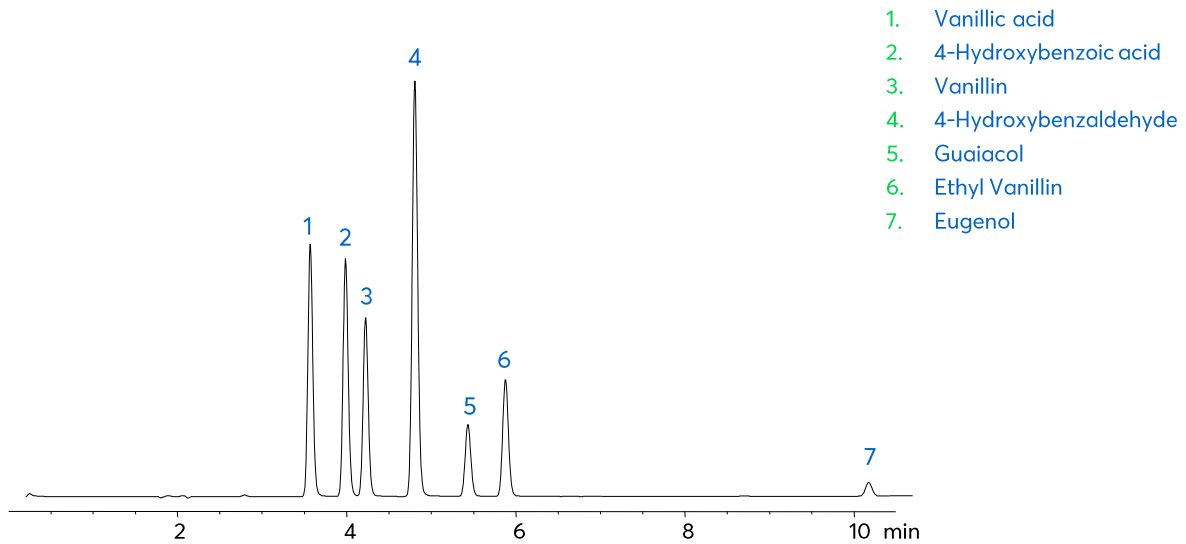


Application note #1620

Vanillins



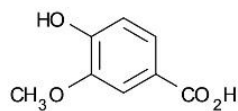
Method Details

CONDITIONS

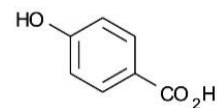
Column:	Avantor® ACE® 3 C18-Amide
Particle Size:	3 µm
Dimensions:	150 x 4.6 mm
Mobile Phase:	A: 0.1% formic acid in H ₂ O B: 0.1% formic acid in MeCN

Time (mins)	% B
0.0	30
10.0	55
10.5	55
15.0	30
Post time 5 minutes	

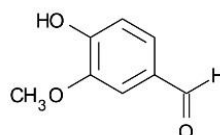
Flow Rate:	1 mL/min
Injection:	5 µL
Temperature:	40 °C
Detection:	UV, 260 nm



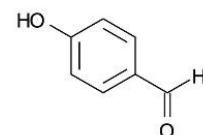
Vanillic acid



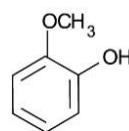
4-Hydroxybenzoic acid



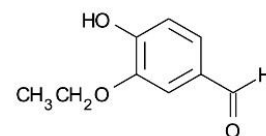
Vanillin



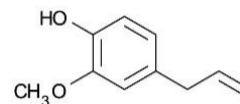
4-Hydroxybenzaldehyde



Guaiacol



Ethyl Vanillin



Eugenol

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® 3 C18-Amide	HPLC Column	150 x 4.6 mm	EXL-1112-1546U
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Formic acid	VWR NORMAPUR® analytical reagent	100 mL	20318.180