Natural and Artificial Vanilla Flavourings

ACE®
Ultra-inert
UHPLC & HPLC Columns

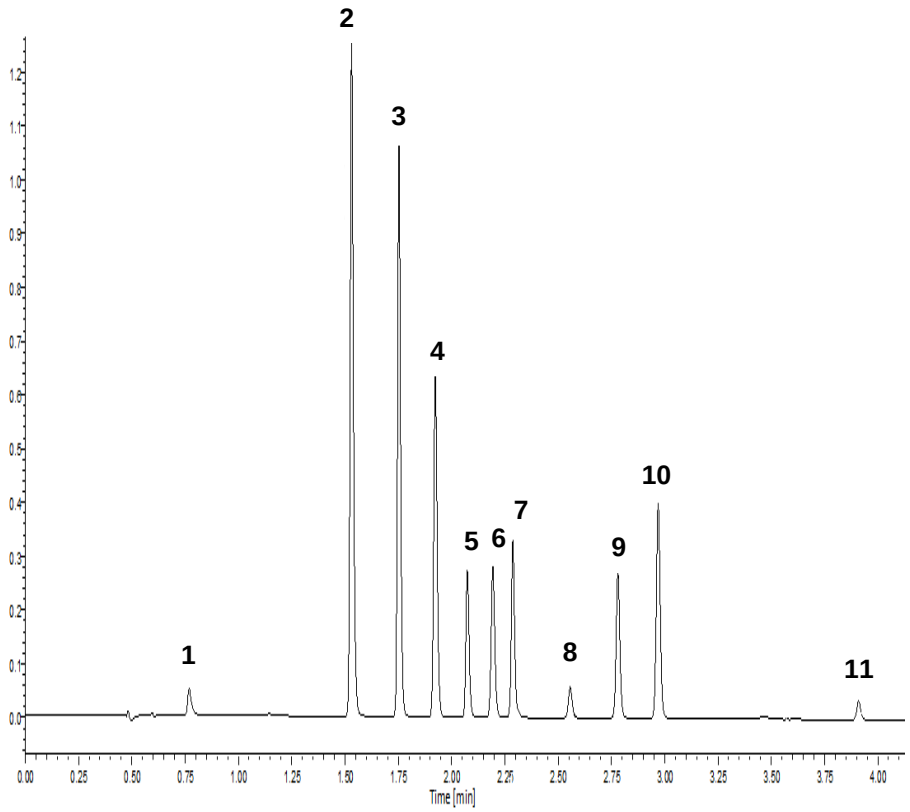
Application #AN4390

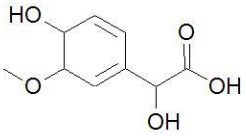
Conditions

Column:	ACE UltraCore 2.5 SuperPhenylHexyl
Dimensions:	100 x 2.1 mm
Part Number:	CORE-25B-1002U
Mobile Phase:	A: 10 mM ammonium formate in H_2O
	B: MeCN

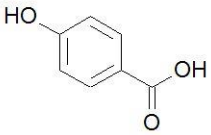
Time (mins)	%B
0.0	5
5.5	70

Flow Rate:	0.5 mL/min
Injection:	3 µL
Temperature:	50 °C
Detection:	UV, 254 nm

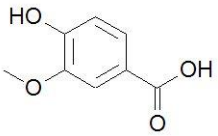




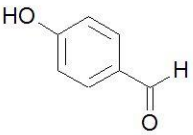
1. Vanillylmandelic acid



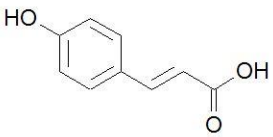
2. 4-Hydroxybenzoic acid



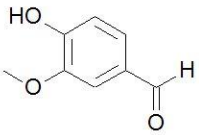
3. Vanillic acid



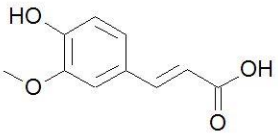
4. 4-Hydroxybenzaldehyde



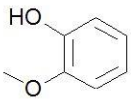
5. p-Coumaric acid



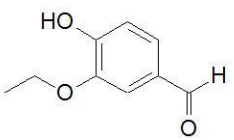
6. Vanillin



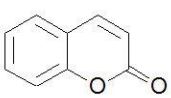
7. Ferulic acid



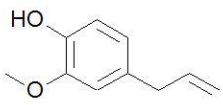
8. Guaiacol



9. Ethyl vanillin



10. Coumarin



11. Eugenol

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