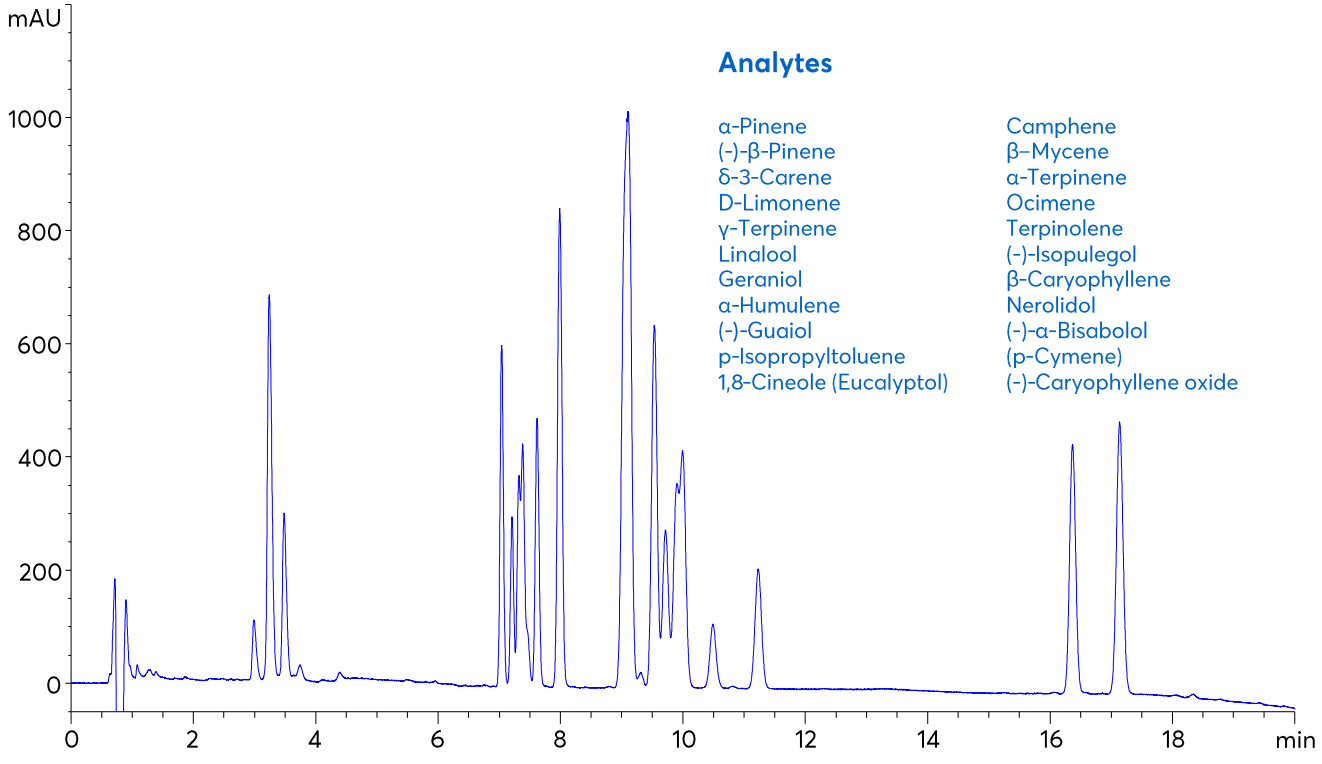
Chromatography Solutions

Application note #7040

Separation of Terpenes using LC/MS-Friendly Conditions



Avantor® ACE®

Method Details

CONDITIONS

Column: ACE Excel 2 C18-PFP
Dimensions: 100 x 3.0 mm
Mobile Phases: A: 0.1% formic acid in H_2O
B: 0.1% formic acid in MeCN

Gradient:

Time (mins)	%B
0	43
3.4	50
5.3	63
9.3	65
12.1	66
13.8	75
16.7	77
19.4	94
28.2	94

Flow Rate: 0.6 mL/min
Injection: 2 µL
Temperature: 30 °C
Detection: UV, 210 nm
Instrument: VWR ChromasterUltra Rs
Dwell Volume: 284 µL

ORDERING TABLE

Product	Details	Size	Part number
ACE Excel 2 C18-PFP	UHPLC column	100 x 3.0 mm	EXL-1010-1003U
Acetonitrile	VWR CHROMANORM® gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Formic acid	VWR NORMAPUR® analytical reagent	100 mL	20318.180
ChromasterUltra Rs UHPLC system	Pre-configured complete system with DAD		903-0400
UHPLC guard cartridge	For 3.0 mm i.d. C18-PFP columns	3 pk	ACE-1P10-GD2U
UHPLC guard holder	Required for use of UHPLC guard cartridges	1	H0011

vwr.com/ace
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