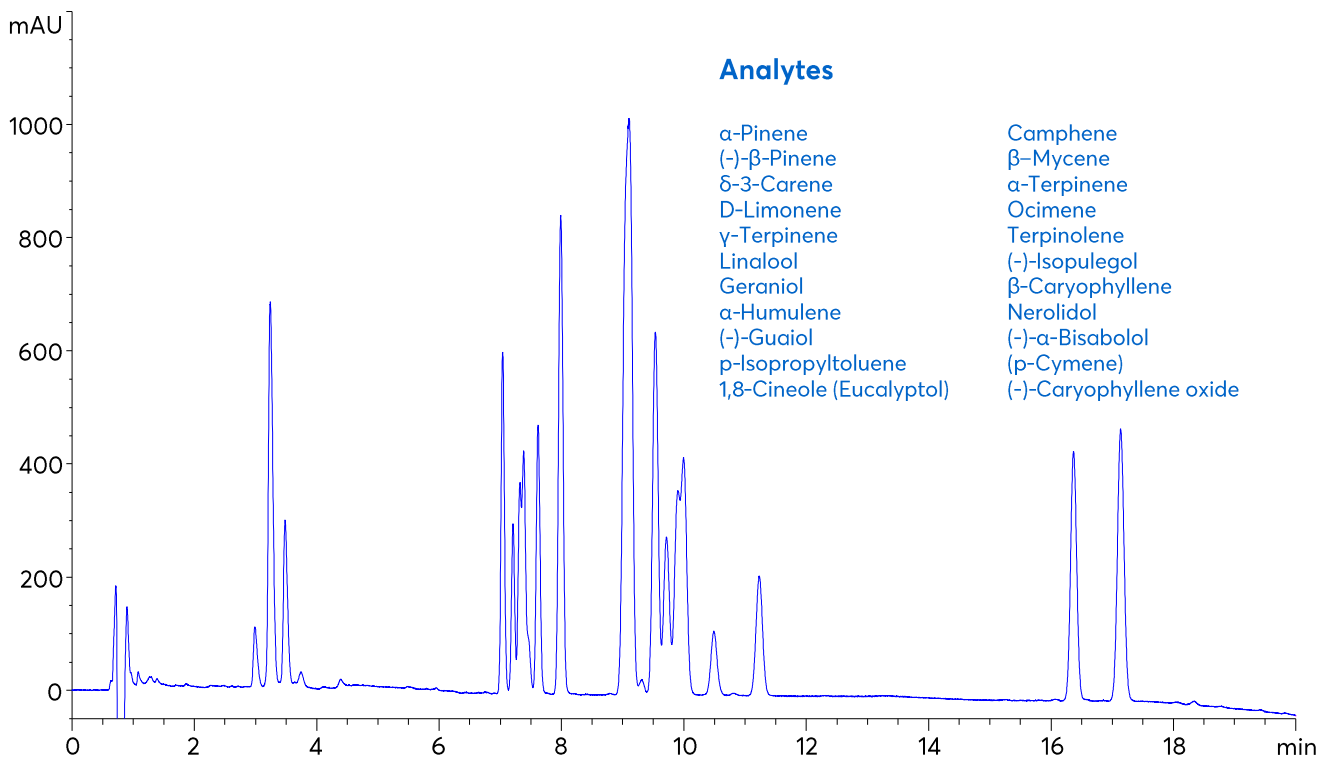


Separation of Terpenes using LC/MS-Friendly Conditions



Method Details

CONDITIONS

Column: ACE Excel 2 C18-PFP
 Dimensions: 100 x 3.0 mm
 Mobile Phases: A: 0.1% formic acid in H₂O
 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