HPLC Application

ID No.: **16201**

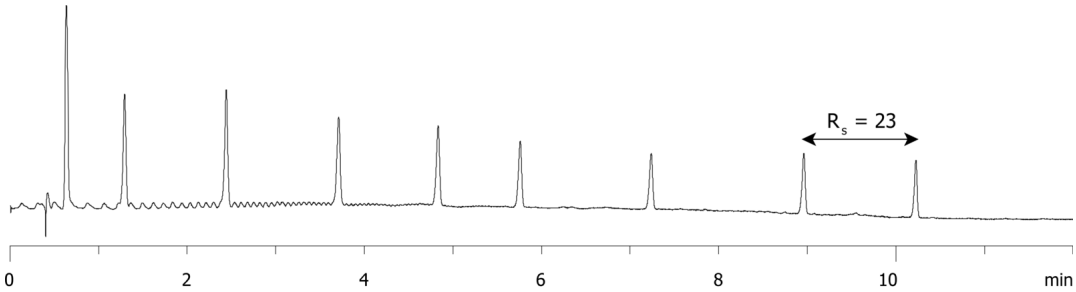
Luna 2.5um C18(2)-HST - Increasing Speed with No Loss in Resolution

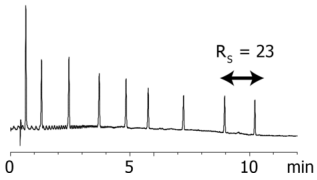
Column: Luna® 2.5 µm C18(2) 100 Å, LC Column 100 x 2 mm, Ea
Dimensions: 100 x 2 mm ID
Order No: 00D-4446-B0
Elution Type: Gradient
Eluent A: Water
Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	0.5	90	10
	3	9	5	95
	4	10	5	95
	5	10.1	90	10

Flow Rate: 0.65 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 270 nm (ambient)
Detector Info: mixture of 9 ketones (C3 -C16)
Jasco X-LC (100 Hz sampling rate)
1.99 min equilibration time

Products used in this application:





ANALYTES:

1. Acetone
2. 2-Butanone
3. 2-Pentanone
4. 2-Hexanone
5. 2-Heptanone
6. 2-Octanone
7. 2-Decanone
8. 2-Tridecanone
9. 2-Hexadecanone

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