

HPLC Application

ID No.: 18589

Azo Dyes on Kinetex 2.6µm C18 150 x 4.6mm ID

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4462-E0

Elution Type: Gradient

Eluent A: 0.1% phosphoric acid in water

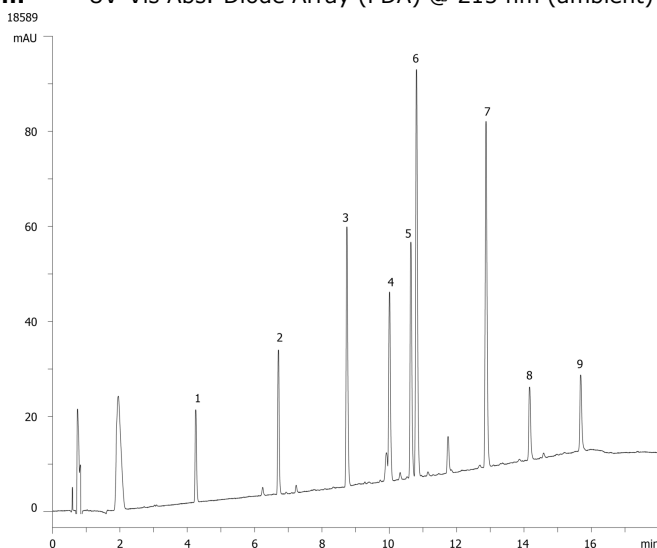
Eluent B: 0.1% phosphoric acid in acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25
	2	15	5	95
	3	17	5	95
	4	17.01	75	25
	5	20	75	25

Flow Rate: 1.8 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 215 nm (ambient)



ANALYTES:

- 1 Orange II**
Retention Time: 4.254 min
- 2 Sudan Orange G**
Retention Time: 6.708 min
- 3 Fast Garnet GBC**
Retention Time: 8.742 min
- 4 Dimethyl yellow**
Retention Time: 10.007 min
- 5 Sudan Red G**
Retention Time: 10.641 min
- 6 Sudan I**
Retention Time: 10.808 min
- 7 Sudan II**
Retention Time: 12.873 min
- 8 Sudan III**
Retention Time: 14.167 min
- 9 Sudan IV**
Retention Time: 15.684 min

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Products used in this application:

