



**Column:** [Zorbax® 5 µm SB-C18 80 Å, LC Column 250 x 4.6 mm, Ea](#)

**Part No:** [880975-902](#)

**Dimensions:** 250 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** 0.1% phosphoric acid in water

**Elution B:** 0.1% phosphoric acid in acetonitrile

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	0	75	25
2	25	5	95
3	28.33	5	95
4	28.34	75	25
5	33.33	75	25

**Flow Rate:** 1.8 mL/min

**Col. Temp:** 50 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 215 nm (22°C)

**Compounds:**

- 1- Orange II
- 2- Sudan Orange G
- 3- Fast Garnet GBC
- 4- Dimethyl yellow
- 5- Sudan Red G
- 6- Sudan I
- 7- Sudan II
- 8- Sudan III
- 9- Sudan IV