

## Anthocyanins in Red Wine

**Column:** Synergi™ 4 µm Max-RP 80 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4337-E0

**Elution Type:** Gradient

**Eluent A:** water/acetonitril/formic acid 87:3:10

**Eluent B:** water/acetonitril/formic acid 40:50:10

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	94	6
	2	20	80	20
	3	35	60	40
	4	40	40	60
	5	45	10	90
	6	50	10	90

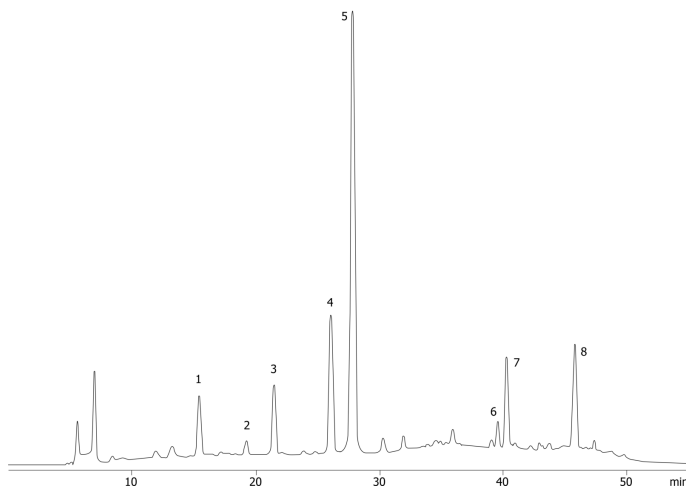
**Flow Rate:** 0.5 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 520 nm (ambient)

**Analyst Note:** Courtesy of M. Schwarz, G. Hofmann, P. Winterhalter, TU Braunschweig, Institut für Lebensmittelchemie

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### ANALYTES:

- 1 Delphinidin-3-glucoside
- 2 Cyanidin-3-glucoside
- 3 Petunidin-3-glucoside
- 4 Peonidin-3-glucoside
- 5 Malvidin-3-glucoside
- 6 Peonidin-3-(6'-acetylglucoside)
- 7 Malvidin-3-(6'-acetylglucoside)
- 8 Malvidin-3-(6'-cumarylglucoside)

