

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

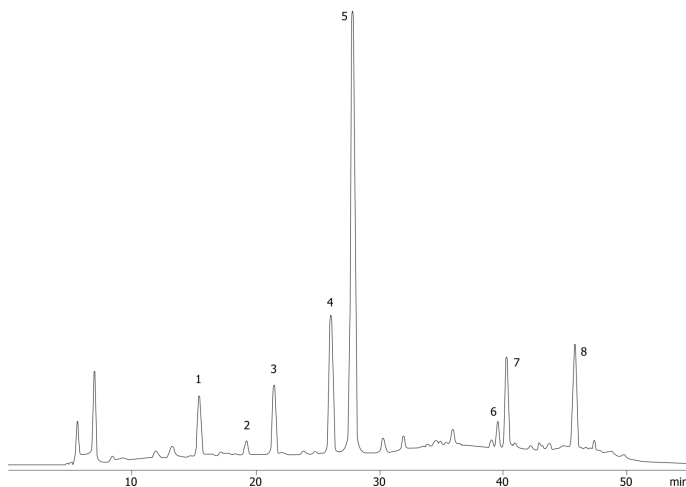
Flow Rate: 0.5 mL/min

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)

