

## Anthocyanins in Red Wine

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Column: Synergi 4μ Max-RP 80Å

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

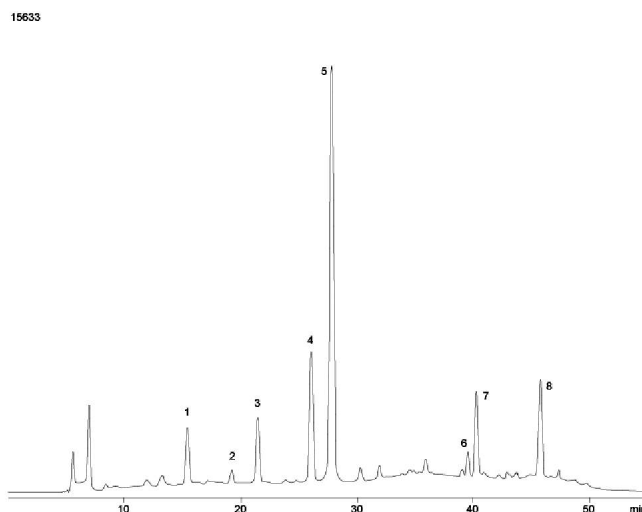
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 94    | 6     |
|                   | 2        | 20         | 80    | 20    |
|                   | 3        | 35         | 60    | 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. @ 520 nm (ambient)

Products used in this Application:

## 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)

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