

Polyphenol Analysis of Red Wine by LC/MS/MS on Luna 3 μ m C8(2)

Column: Luna[®] 3 μ m C8(2) 100 Å, LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4248-B0

Elution Type: Gradient

Eluent A: 5 mM ammonium acetate w/ 0.5 % Acetic acid

Eluent B: 5 mM ammonium acetate in MeOH w/ 0.5 % Acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	2	0	98	2
	3	3	20	80
	4	5	20	80
	5	5.01	98	2
	6	8	98	2

Flow Rate: 0.5 mL/min

Col. Temp.: ambient

Detection: Tandem Mass Spec (MS-MS) @ (ambient)

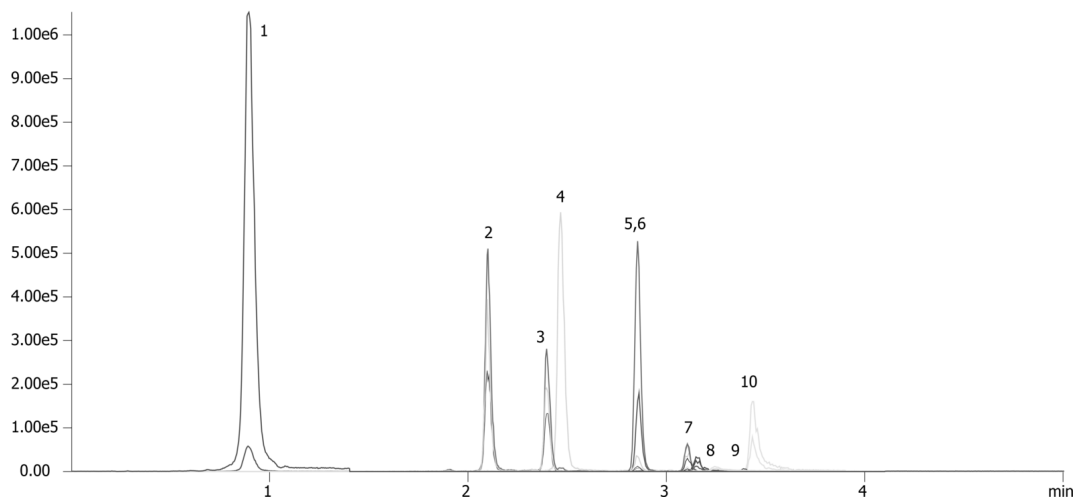
Detector Info: <a target="_blank"

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href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<



Products used in this application:



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ANALYTES:

- 1** Gallic acid
- 2** Catechin
- 3** Epicatechin
- 4** Caffeic acid
- 5** p-Coumaric acid
- 6** p-Coumaric acid-13C3
- 7** Ferulic acid
- 8** trans-Resveratrol
- 9** trans-Resveratrol-13C6
- 10** Myricetin
- 11** cis-Resveratrol
- 12** Quercetin

