

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

**Column:** Luna® 3 μm 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)

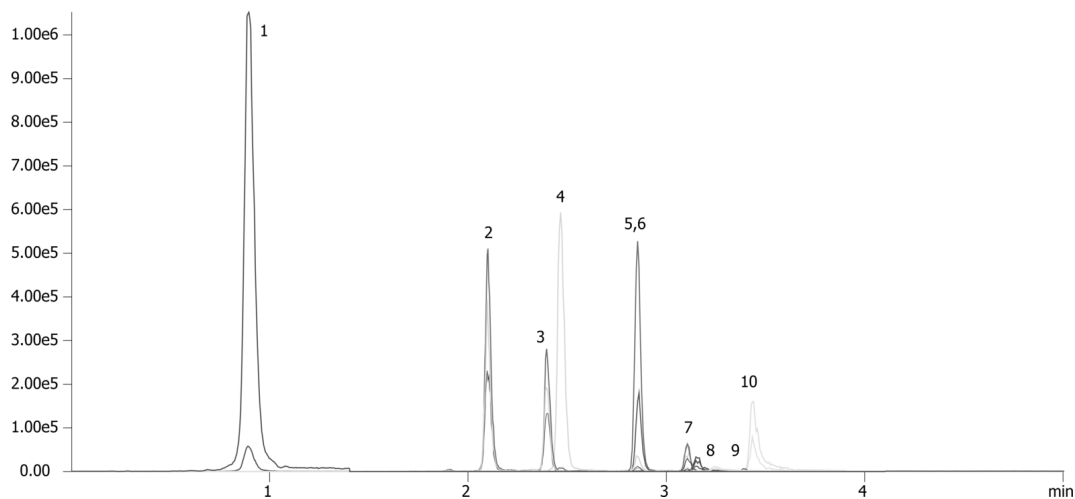
**Detector Info:**

22019

<a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX</a>



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

