

HPLC Application

ID No.: 23286

Vitamin A and E on Kinetex EVO C18, APCI Pos/Neg Polarity Switching LC/MS/MS

Column: Kinetex® 5µm EVO C18 100 Å, LC Column 100 x 2.1 mm, Ea

Dimensions: 100 x 2.1 mm ID

Order No: 00D-4633-AN

Elution Type: Gradient

Eluent A: DI H₂O

Eluent B: 50:50 IPA:ACN

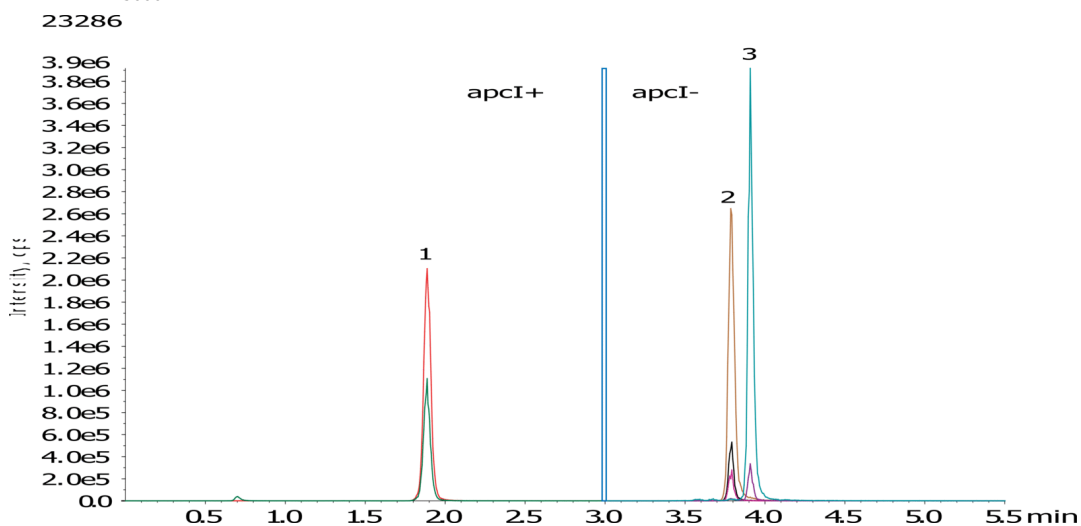
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	35	65
	2	3	5	95
	3	4	5	95
	4	4.1	35	65
	5	5.5	35	65

Flow Rate: 0.6 mL/min

Col. Temp.: ambient

Detection: Tandem Mass Spec (MS-MS) @ (1 °C)

Detector Info: API 5000



ANALYTES:

- 1 Vitamin A (all-trans-retinol) [Pos Polarity]
Retention Time: 1.89 min
- 2 Vitamin E (gamma-tocopherol) [Neg Polarity]
Retention Time: 3.79 min
- 3 Vitamin E (α-tocopherol) [Neg Polarity]
Retention Time: 3.91 min



Products used in this application:

