

Chromatographic Separation of Isomeric UDCA, CDCA and DCA on Kinetex 2.6µm Polar C18 100x2.1 Column

Column: Kinetex® 2.6 µm Polar C18 100 Å, LC Column 100 x 2.1 mm, Ea

Dimensions: 100 x 2.1 mm ID

Order No: 00D-4759-AN

Elution Type: Gradient

Eluent A: 2mM Ammonium acetate (pH 6.9)

Eluent B: Methanol/Acetonitrile (50-50)

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	55	45
	2	9	30	70
	3	9.5	30	70
	4	9.51	55	45
	5	12	55	45

Flow Rate: 400 mL/min

Col. Temp.: 50 °C

Detection: Mass Spectrometer (MS) @ amu (50 °C)

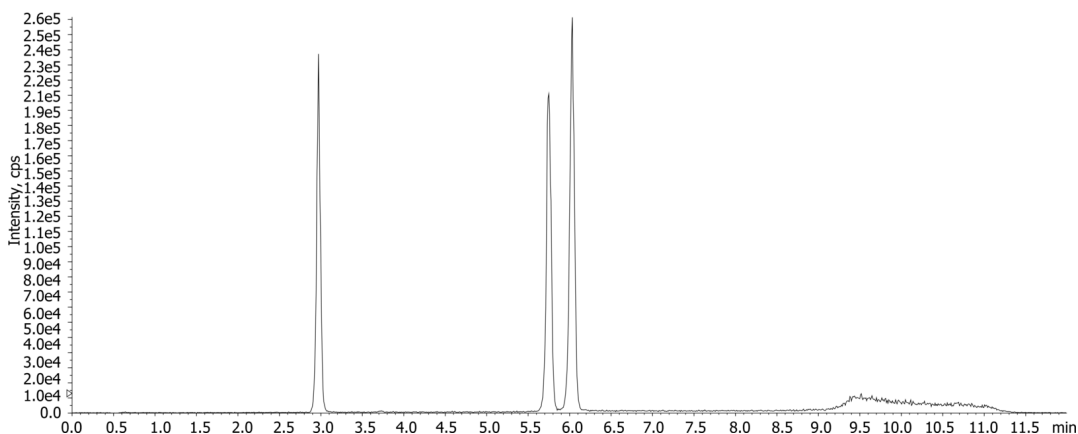
Detector Info: <a target="_blank"

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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:



ANALYTES:

1 UDCA

Retention Time: 2.97 min

2 CDCA

Retention Time: 5.75 min

3 DCA

Retention Time: 6.03 min

