

2023 MSACL poster LLOQ peak 11 deoxycorticosterone**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 3 mm, Ea**Dimensions:** 50 x 3 mm ID**Order No:** 00B-4462-Y0**Elution Type:** Gradient**Eluent A:** 0.5 mM NH₄F (aq)**Eluent B:** MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40
	10	6	5	95
	11	6.5	60	40
	12	8	60	40
	2	2	50	50
	8	4.5	25	75
	9	5	5	95

Flow Rate: 800 µL/min**Col. Temp.:** 30 °C**Detection:** LC/MS/MS @ (700 °C)**Products used in this application:****ANALYTES:**

Sample Preparation Details

for HPLC Application ID No.: 27374

2023 MSACL poster LLOQ peak 11 deoxycorticosterone

PRODUCT DESCRIPTION:

StrataTM-X 33 μ m Polymeric Reversed Phase, 30 mg / well, 96-Well Plates , 2/Pk

Order No.: 8E-S100-TGB

SOLID PHASE EXTRACTION (SPE) PROCEDURE:

Note: The solvent volumes shown below are for a bed mass.

The solvent volumes will need to be adjusted for a smaller or larger bed mass.

Condition:

Load:

Wash:

Dry:

Elute:

Final Prep and Analysis:

Dilute 500 μ L serum sample with 500 μ L 1% FA.

Inject: 5 μ L on HPLC LC/MS/MS @ (700°C)

ANALYTES:	Spiked Conc. (ng/mL)	Log P	pKa	% Rec	%RSC (n=0)
-----------	-------------------------	-------	-----	-------	---------------

Note: This method is designed as a convenient starting point for further investigation and can be tailored to meet your extraction goals.
Call your local Phenomenex Representative for assistance in method development and optimization techniques.

©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at support@phenomenex.com



Phenomenex products are available worldwide.

www.phenomenex.com

support@phenomenex.com