

ID No.: **18462**

Extraction of Metanephrine and Normetanephrine from Plasma On strata X-CW Using Luna HILIC

Column: Luna® 3 µm HILIC 200 Å, LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4449-B0

Elution Type: Gradient

Eluent A: 95/5 ACN/100 mM ammonium formate, pH 3.2

Eluent B: 50/45/5 ACN/Water/100 mM ammonium formate, pH 3.2

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	100	0
	2	2.5	100	0
	3	2.51	0	100
	4	3	0	100
	5	3.01	100	0

Flow Rate: 0.4 mL/min

Col. Temp.: ambient

Detection: Refractive Index @ 0.0000000000 (ambient)

Analyst Note: LC/MS/MS & Chromatographic Condition

MS Detector: API 3000 LC/MS/MS with ESI (TurboIonSpray®) (www.Appliedbiosystems.com), Positive Ion Mode; MRM; heater gas flow 7000 cc/min; heater temperature 550 °C; Column: LUNA 3µm HILIC, 50x2.0mm; Flow rate: 0.4ml/min

NEB: 9.00

CUR: 10.00

IS: 3500.00

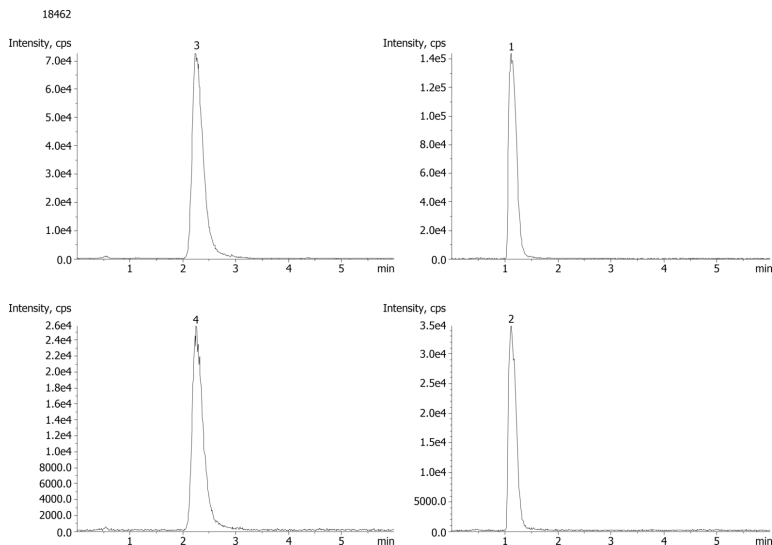
TEM: 550.00

CAD: 11.00

CE 23.00 Normetanephrine

CE 25.00 Metanephrine

Analyte	Q1	Q3	Time	DP	FP	CE	CXP
NMN	166.4	134.2	150	61	370	23	8
MN	180.4	148.2	150	71	370	25	8



Products used in this application:



Extraction of Metanephrine and Normetanephrine from Plasma On strata X-CW Using Luna HILIC

ANALYTES:

- 1** Metanephrine
- 2** Metanephrine-d3
- 3** Normetanephrine
- 4** Normetanephrine-d3

