

MMA Calibration from Human Serum on Gemini C18, 3u, 100x3 mm

Column: Gemini® 3 µm C18 110 Å, LC Column 100 x 3 mm, Ea
Dimensions: 100 x 3 mm ID
Order No: 00D-4439-Y0
Elution Type: Gradient
Eluent A: 0.1% Formic Acid in DI H2O
Eluent B: 0.1% Formic Acid + 10 mM Ammonium Formate in MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	1.5	5	95
	3	2.5	5	95
	4	2.51	85	15
	5	4.5	85	15



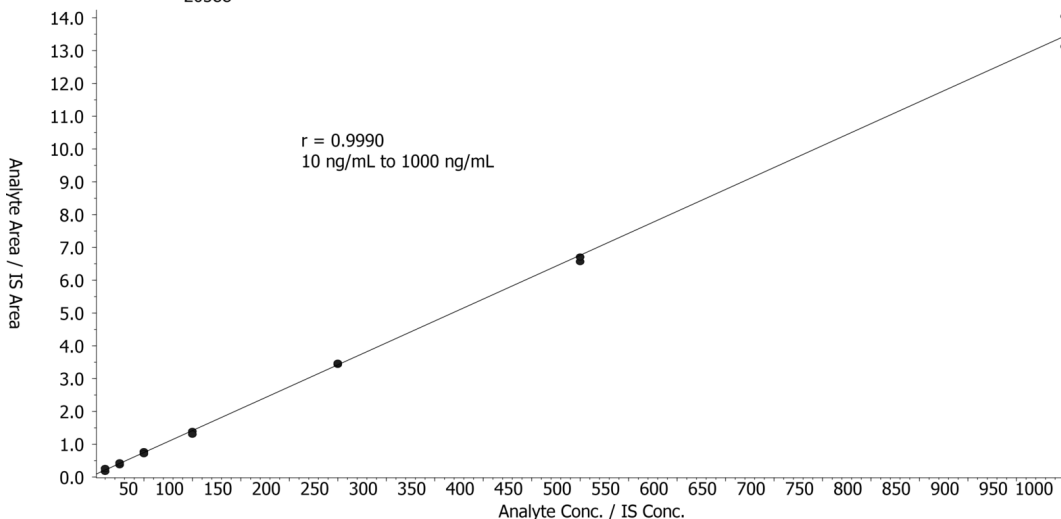
Products used in this application:



Flow Rate: 700 µL/min
Col. Temp.: 40 °C
Detection: Tandem Mass Spec (MS-MS) @ (ambient)

Detector Info: SCIEX
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 2.0mm ID, 10/PK Part No.: AJ0-7596
- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Succinic acid**
Retention Time: 1.16 min
- 2 Methylmalonic acid-d3**
Retention Time: 1.48 min
- 3 Methylmalonic acid**
Retention Time: 1.5 min

