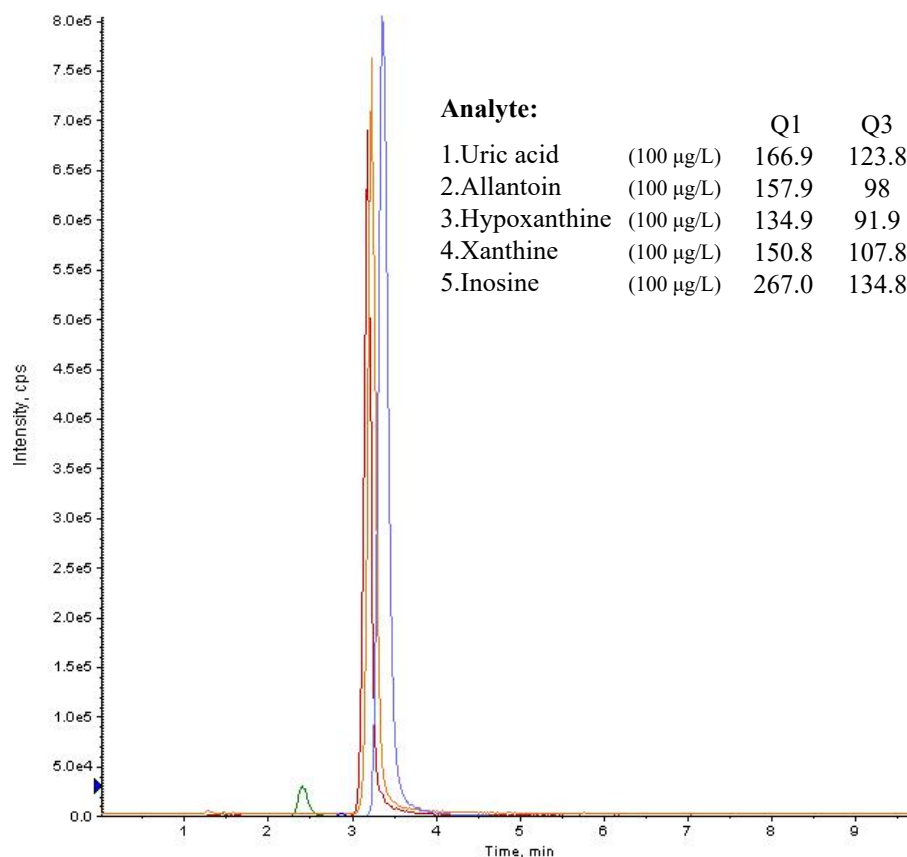


InertSearch™ for LC

Inertsil® Applications

Analysis of purine derivatives by LC/MS/MS

Data No. LA621-0696



Analyte:

		Q1	Q3	DP	EP	CE	CXP
1.Uric acid	(100 µg/L)	166.9	123.8	-50	-10	-22	-11
2.Allantoin	(100 µg/L)	157.9	98	-50	-10	-20	-7
3.Hypoxanthine	(100 µg/L)	134.9	91.9	-20	-10	-24	-7
4.Xanthine	(100 µg/L)	150.8	107.8	-55	-10	-26	-9
5.Inosine	(100 µg/L)	267.0	134.8	-80	-10	-32	-11

Conditions

System	: LC800 HPLC system 4000 Q TRAP®
Column	: Inertsil HILIC (5µm, 150 x 2.1 mm I.D.)
Column Cat. No.	: 5020-07705
Eluent	: A) CH ₃ CN B) 2 mM Ammonium acetate A/B = 90/10, v/v
Flow Rate	: 0.3 mL/min
Col. Temp.	: 40 °C
Detection	: LC/MS/MS (4000 Q TRAP®: ESI, Negative, MRM)
	CUR CAD IS TEM GS1 GS2
	10 8 -4500 700 60 30
Injection Vol.	: 10 µL
Sample	: Purine derivatives

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