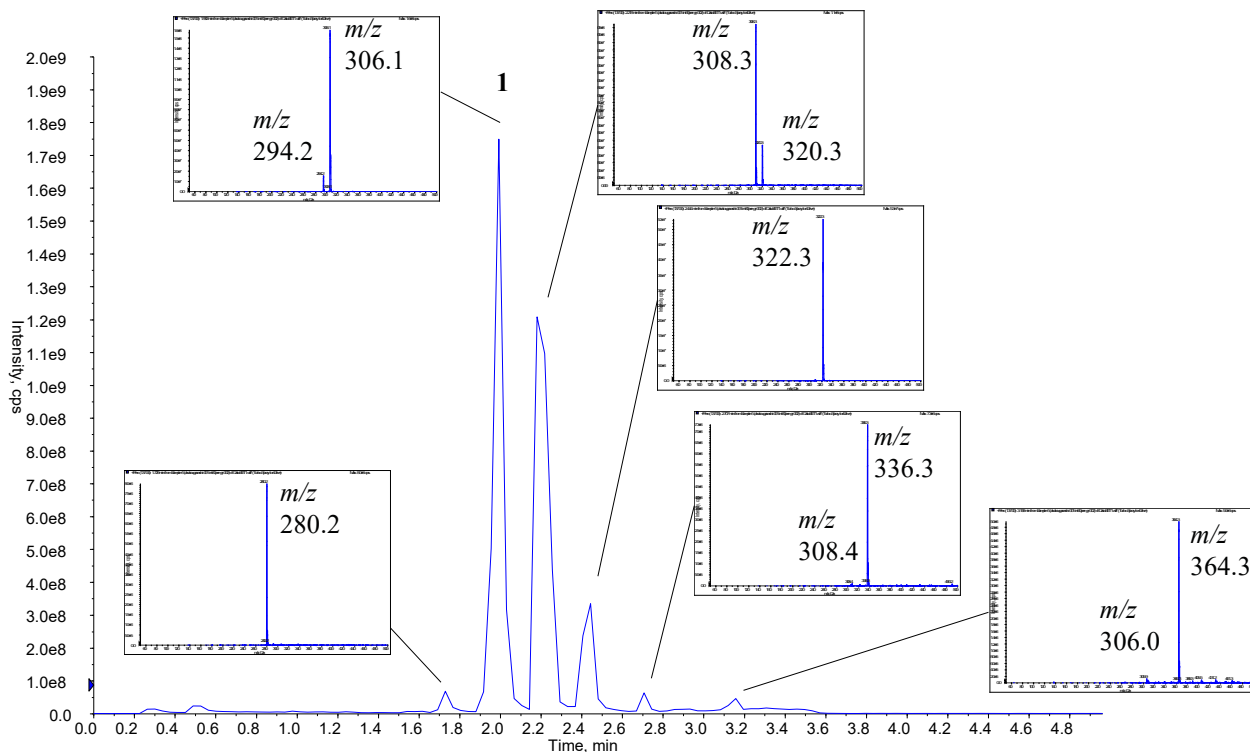


InertSearch™ for LC

Inertsil® Applications

Analysis of Capsaicin in red pepper (InertSustain AQ-C18)

Data No. LB689-0696



Conditions

System : ExionLC HPLC system
Q TRAP 6500+

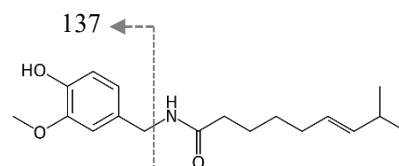
Column : InertSustain AQ-C18 (1.9 μ m, 50 x 2.1 mm I.D.)

Column Cat. No. : 5020-89938

Eluent : A) CH₃CN
B) 2 mM Ammonium Acetate in H₂O

Analyte:

1. Capsaicin



Time (min)	A%	B%
0	60	40
3.0	95	5
3.1	60	40
5.0	60	40

Flow rate : 0.5 mL/min

Col. Temp. : 40 °C

Detection : LC/MS/MS (QTRAP 6500+ : ESI, Positive, Precursor ion scan m/z 50- 500 of 137)

CUR	CAD	IS	TEM	GS1	GS2	DP	EP	CE	CXP
20	10	3500	500	50	50	20	10	42	23

Injection Vol. : 2 μ L

Sample : Red pepper extract