



DIRECT SAMPLE ANALYSIS

TOF MS

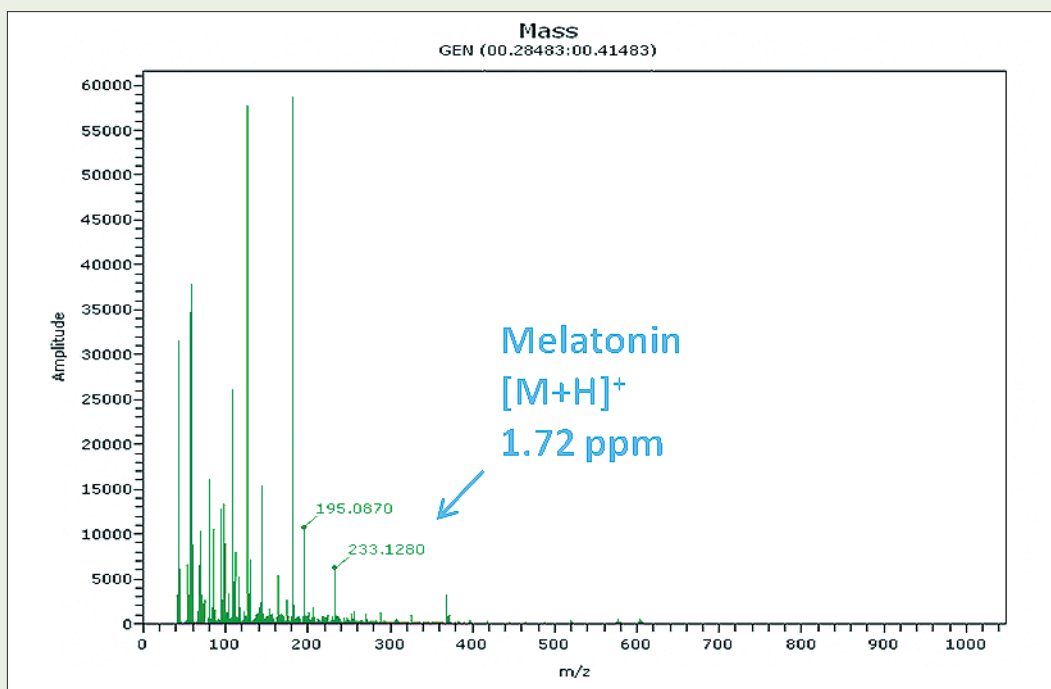
Food and Beverage: Melatonin in Lazy Cake®

No sample preparation

Confirms active ingredient

Rapid analysis

- Lazy Cakes®, marketed as “relaxation brownies” are laced with the sleep aid melatonin
- The packaging is kid-friendly and children have eaten them and fallen asleep
- A piece of cake was analyzed to determine the ingredient that was causing sleepiness
- Direct analysis confirms the active ingredient melatonin with high mass accuracy
- The analysis was performed in 15 seconds with no sample preparation and external calibration



PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com



For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

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