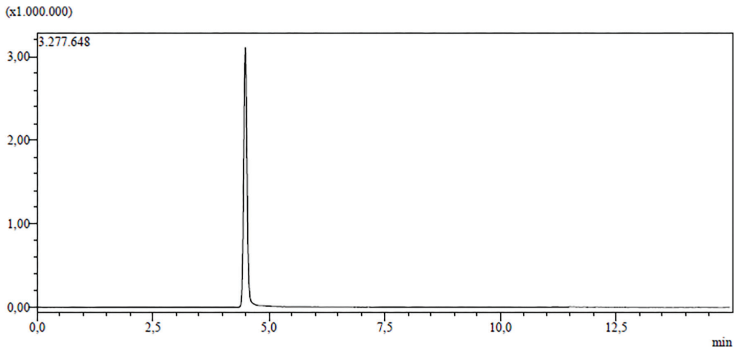

Figure S1. LC-MS/MS TIC of 100 ppb standard sibutramine.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

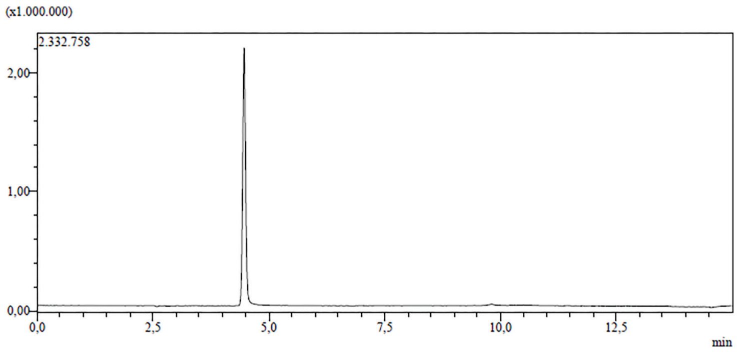

Figure S2. LC-MS/MS TIC of Code 1 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

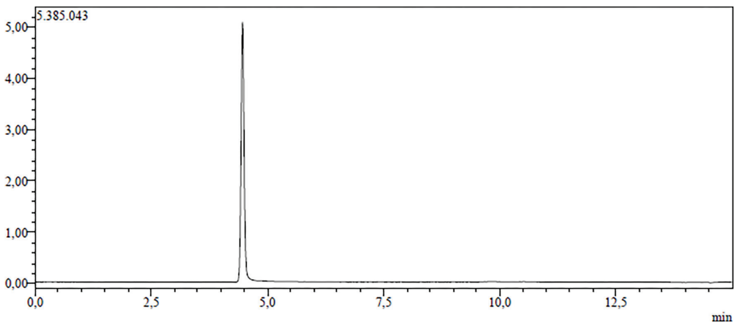

Figure S3. LC-MS/MS TIC of Code 2 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

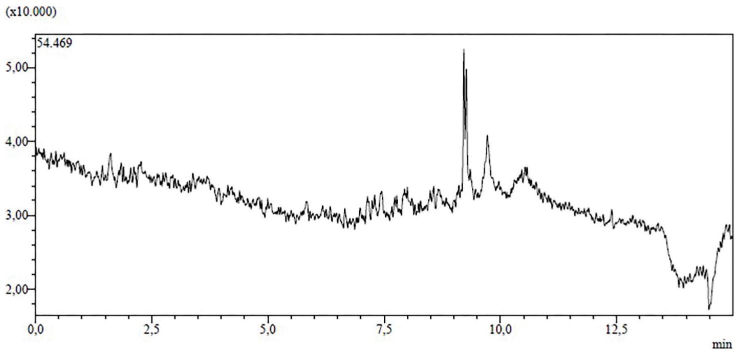

Figure S4. LC-MS/MS TIC of Code 3 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

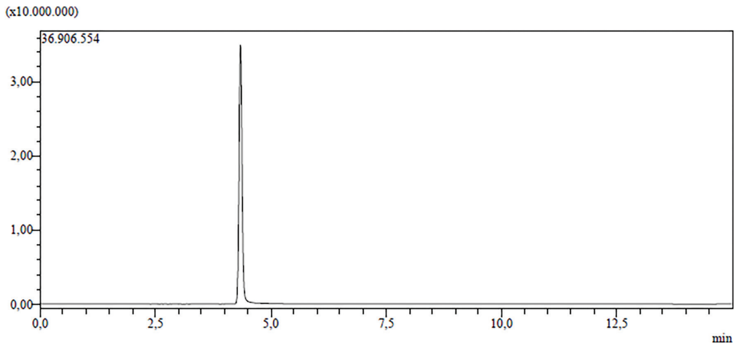

Figure S5. LC-MS/MS TIC of Code 4 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

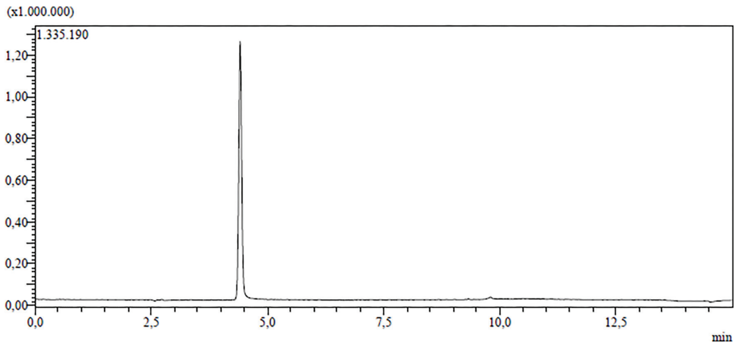

Figure S6. LC-MS/MS TIC of Code 5 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

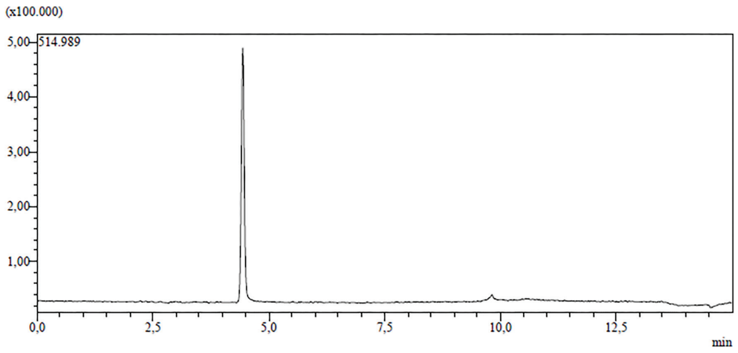

Figure S7. LC-MS/MS TIC of Code 6 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

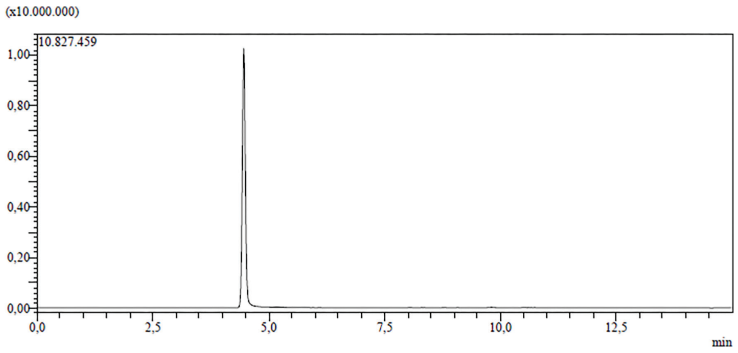

Figure S8. LC-MS/MS TIC of Code 7 sample.
LC-MS/MS, liquid chromatography-tandem mass spectrometry; TIC, Total ion chromatogram.

(x1.000.000)

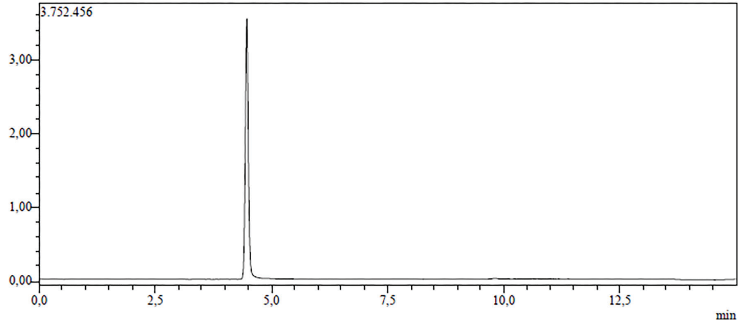

Figure S9. LC-MS/MS TIC of Code 8 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

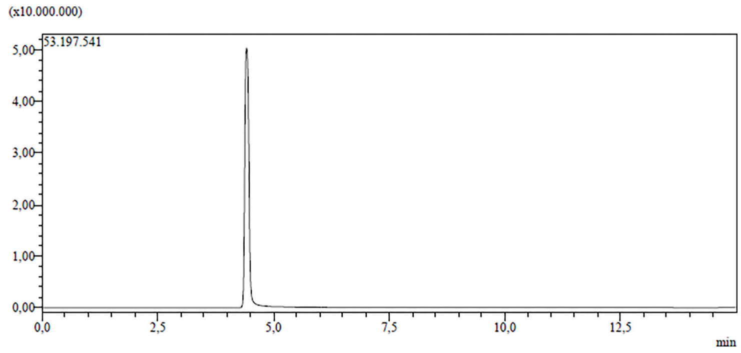

Figure S10. LC-MS/MS TIC of Code 9 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

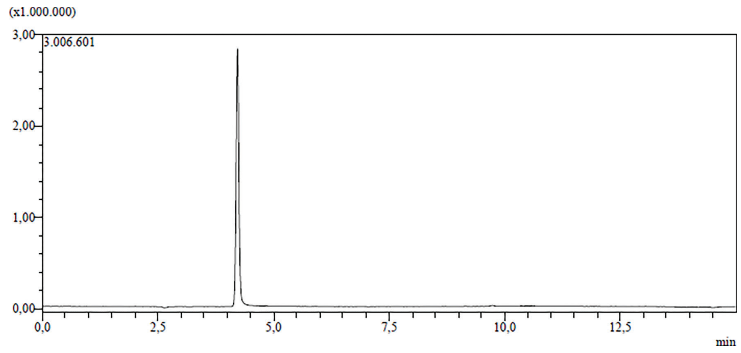

Figure S11. LC-MS/MS TIC of Code 10 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

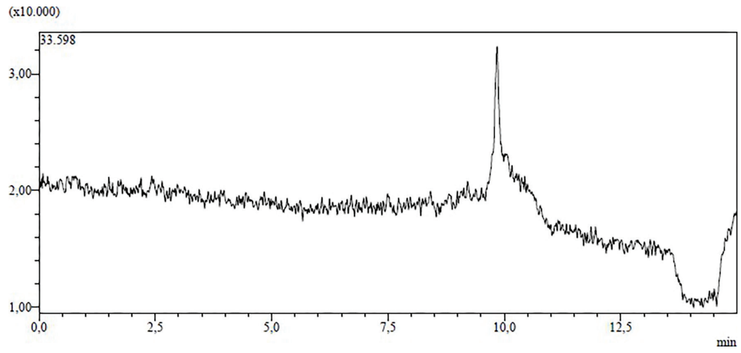

Figure S12. LC-MS/MS TIC of Code 11 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

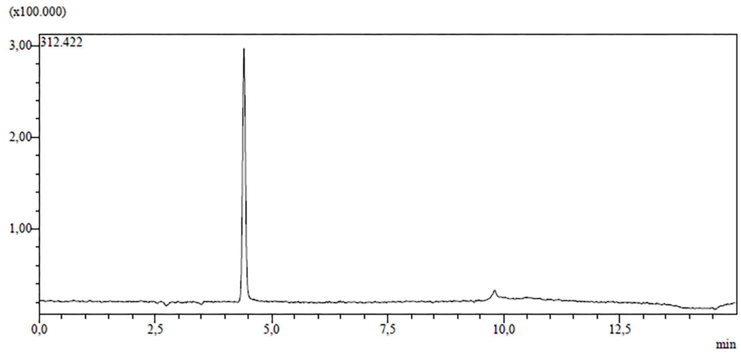

Figure S13. LC-MS/MS TIC of Code 12 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

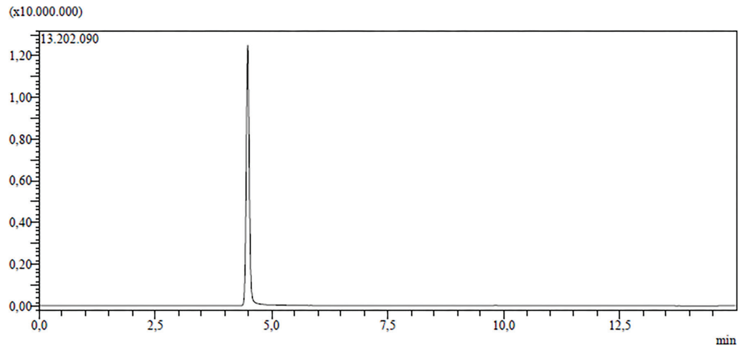

Figure S14. LC-MS/MS TIC of Code 13 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

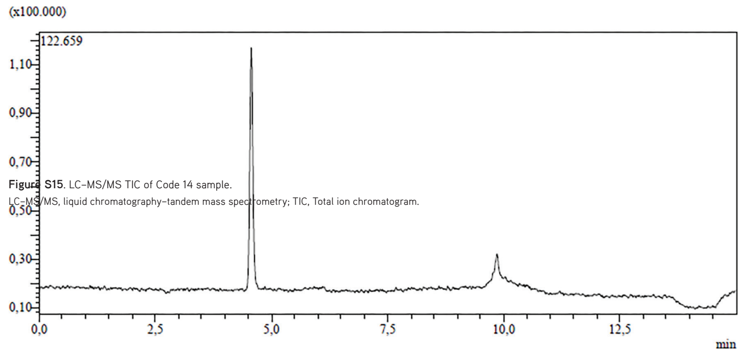

Figure S15. LC-MS/MS TIC of Code 14 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

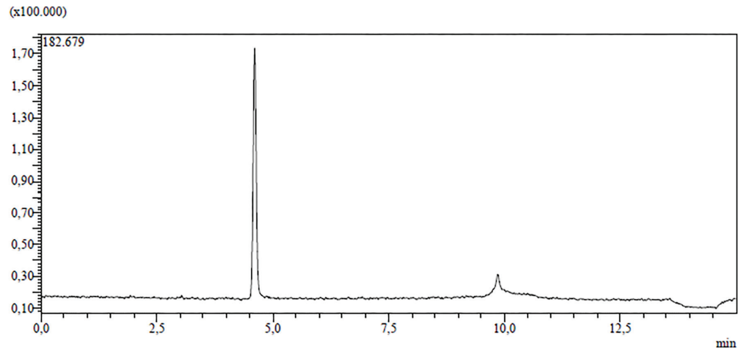

Figure S16. LC-MS/MS TIC of Code 15 sample.
LC-MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

(x100.000)

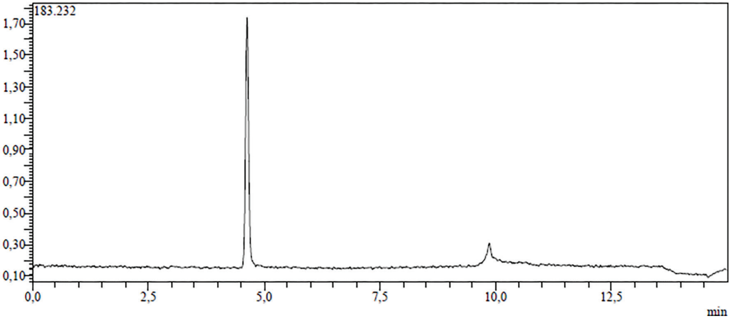

Figure S17. LC–MS/MS TIC of Code 16 sample.

LC–MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

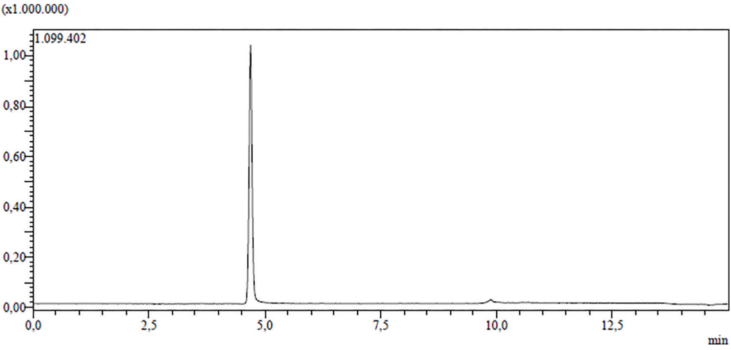

Figure S18. LC–MS/MS TIC of Code 17 sample.

LC–MS/MS, liquid chromatography–tandem mass spectrometry; TIC, Total ion chromatogram.

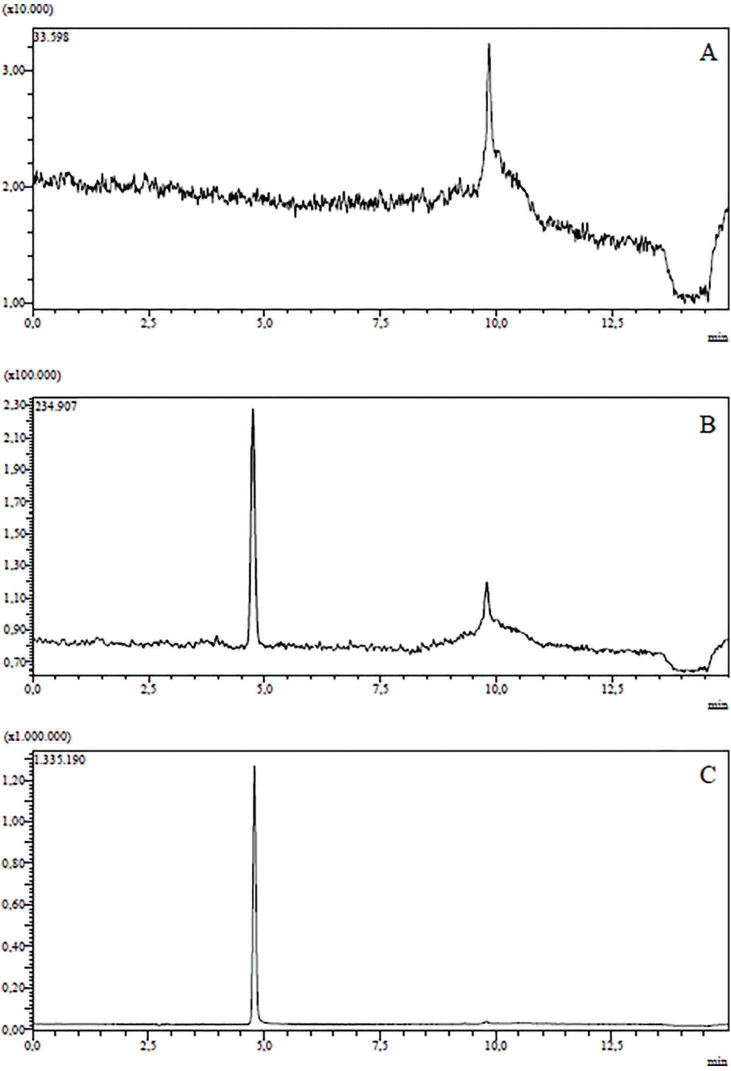

Figure S19. Selectivity assessment of sibutramine in a powder matrix (Code 11). (A) TIC chromatogram of blank matrix extract (Code 11), showing no peak at the retention time of sibutramine (Rt ≈ 4.6 min). (B) TIC chromatogram of the same matrix spiked with sibutramine at the lowest calibration level (5 ppb), showing a distinct peak at Rt ≈ 4.6 min. (C) TIC chromatogram of a real positive sample (Code 5) for comparison, confirming the retention time and chromatographic behavior of sibutramine in a powder-based herbal matrix.

TIC, Total ion chromatogram.