

Accepted Manuscript

Title: High-throughput analytical method for 265 pesticides and environmental contaminants in meats and poultry by fast low pressure gas chromatography and ultrahigh-performance liquid chromatography tandem mass spectrometry

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PII: S0021-9673(18)31043-4
DOI: <https://doi.org/10.1016/j.chroma.2018.08.025>
Reference: CHROMA 359621

To appear in: *Journal of Chromatography A*

Received date: 23-4-2018
Revised date: 5-7-2018
Accepted date: 10-8-2018

Please cite this article as: Sapozhnikova Y, High-throughput analytical method for 265 pesticides and environmental contaminants in meats and poultry by fast low pressure gas chromatography and ultrahigh-performance liquid chromatography tandem mass spectrometry, *Journal of Chromatography A* (2018), <https://doi.org/10.1016/j.chroma.2018.08.025>

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High-throughput analytical method for 265 pesticides and environmental contaminants in meats and poultry by fast low pressure gas chromatography and ultrahigh-performance liquid chromatography tandem mass spectrometry

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Highlights

- A high-throughput method was developed and validated for 265 pesticides and environmental contaminants
- This is the first publication on an automated cleanup integrated with fast low pressure (LP)GC-MS/MS for concurrent cleanup and analysis
- The method provides high sample throughput, wide qualitative and quantitative monitoring scope, and exceptional analytical performance
- The validated method was successfully applied to the analysis of real-world samples

Abstract

A high throughput method for simultaneous determination of 200 pesticides and 65 environmental contaminants: polychlorinated biphenyls (PCBs), polycyclic aromatic

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