

Mathieu GALMICHE

Publications :

- Galmiche, M; Rodrigues, A; Motsch, E; Delhomme, O; François, Y-N; Millet, M. The use of pseudo-MRM for a sensitive and selective detection and quantification of polycyclic aromatic compounds by tandem mass spectrometry. *Rapid Communications in Mass Spectrometry* **2022**; 36(13), e9307. <https://doi.org/10.1002/rcm.9307>

- Galmiche, M.; Delhomme, O.; François, Y.-N.; Millet, M. Environmental Analysis of Polar and Non-Polar Polycyclic Aromatic Compounds in Airborne Particulate Matter, Settled Dust and Soot: Part I: Sampling and Sample Preparation. *TrAC Trends in Analytical Chemistry*, **2021**, 134, 116099. <https://doi.org/10.1016/j.trac.2020.116099>

- Galmiche, M.; Delhomme, O.; François, Y.-N.; Millet, M. Environmental Analysis of Polar and Non-Polar Polycyclic Aromatic Compounds in Airborne Particulate Matter, Settled Dust and Soot: Part II: Instrumental Analysis and Occurrence. *TrAC Trends in Analytical Chemistry*, **2021**, 134, 116146. <https://doi.org/10.1016/j.trac.2020.116146>

- Galmiche, M.; Colin, A.; Clavos, M.-C.; Pallez, C.; Rosin, C.; Dauchy, X. Determination of Nitroaromatic Explosive Residues in Water by Stir Bar Sorptive Extraction-Gas Chromatography-Tandem Mass Spectrometry. *Analytical and Bioanalytical Chemistry*, **2021**, 413 (1), 159–169. <https://doi.org/10.1007/s00216-020-02985-y>

Communications orales :

- *Method Development for the Analysis of C₆₀ and C₇₀ Fullerenes and Their Derivatives in Aerosol and Settled Dust*

Poster

Mathieu Galmiche, Eden Esslinger, Olivier Delhomme, Philippe Schaeffer, Pierre Adam, Estelle Motsch, Emmanuelle Leize-Wagner, Yannis François, Maurice Millet
SETAC Europe 32nd Annual Meeting
Copenhagen, Denmark
Mai 2022

- *Development of Extraction and Sample Preparation Methods for the Application of Metaproteomics to Bioaerosol*

Poster

Mathieu Galmiche, Lauriane Kuhn, Maurice Millet, Yannis François
SETAC Europe 32nd Annual Meeting
Copenhagen, Denmark
Mai 2022

- *La metaprotéomique appliquée aux particules atmosphériques et aux poussières*

Conférence

Mathieu Galmiche, Olivier Delhomme, Alexandre Sonnette, Vincent Duflot, Yannis-Nicolas François, Maurice Millet

Journée Scientifique du Club Grand-Est de l'AFSEP

Illkirch-Graffenstaden

Novembre 2021

- *Simultaneous determination of 80 polar and non-polar Polycyclic Aromatic Compounds in airborne PM and settled dust by GC-MS/MS*

Poster

Mathieu Galmiche, Olivier Delhomme, Alexandre Sonnette, Vincent Duflot, Yannis-Nicolas François, Maurice Millet

Annual Conference on Mass Spectrometry and Allied Topics

Philadelphia, USA

Novembre 2021

- *Détermination simultanée de 80 Composés Aromatiques Polycycliques polaires et apolaires dans des poussières et des particules fines par Chromatographie en Phase Gazeuse couplée à la Spectrométrie de Masse (GC-MS/MS)*

Conférence

Mathieu Galmiche, Olivier Delhomme, Alexandre Sonnette, Vincent Duflot, Yannis-Nicolas François, Maurice Millet

SEP 21

Paris

Octobre 2021