

**Selected Articles on the Analysis of Drugs of Abuse in Seized Materials
(Jan-June 2019)**

Fast UHPLC-MS/MS method for analysis of furanylfentanyl in different seized blotter papers, L.M. Barbosa; J.M. Santos; D.R. De Moraes; A.V. Nimtz; M.N. Eberlin; M.F. De Oliveira; J.L. Costa, *Drug Testing and Analysis*, **2019**, 11, 178-183. <http://dx.doi.org/10.1002/dta.2472>

Simultaneous analysis of 2Cs, 25-NBOHs, 25-NBOMes and LSD in seized exhibits using liquid chromatography-tandem mass spectrometry: A targeted approach, X.W.S. Chia; M.C. Ong; Y.Y.C. Yeo; Y.J. Ho; E.I. Binte Ahmad Nasir; L.J. Tan; P.Y. Chua; T.W.A. Yap; J.L.W. Lim, *Forensic Science International*, **2019**, 301, 394-401. <http://dx.doi.org/10.1016/j.forsciint.2019.05.036>

Separation and Identification of Isomeric and Structurally Related Synthetic Cannabinoids Using 2D Liquid Chromatography and High Resolution Mass Spectrometry, M.N. Eckberg; L.E. Arroyo-Mora; D.R. Stoll; A.P. Decaprio, *Journal of Analytical Toxicology*, **2019**, 43, 170-178. <http://dx.doi.org/10.1093/jat/bky081>

Ion mobility spectrometry as a fast screening tool for synthetic cannabinoids to uncover drug trafficking in jail via herbal mixtures, paper, food, and cosmetics, S. Metternich; S. Zornlein; T. Schonberger; C. Huhn, *Drug Testing and Analysis*, **2019**, 11, 833-846. <http://dx.doi.org/10.1002/dta.2565>

The novel psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone): A review, B. Ferreira; D. Dias Da Silva; F. Carvalho; M. De Lourdes Bastos; H. Carmo, *Forensic Science International*, **2019**, 295, 54-63. <http://dx.doi.org/10.1016/j.forsciint.2018.11.024>

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Determination of cutting agents in seized cocaine samples using GC-MS, GC-TMS and LC-MS/MS, T.R. Fiorentin; M. Fogarty; R.P. Limberger; B.K. Logan, *Forensic Science International*, **2019**, 295, 199-206. <http://dx.doi.org/10.1016/j.forsciint.2018.12.016>

The role of time and storage conditions on the composition of hashish and marijuana samples: A four-year study, L. Zamengo; C. Bettin; D. Badocco; V. Di Marco; G. Miolo; G. Frison, *Forensic Science International*, **2019**, 298, 131-137. <http://dx.doi.org/10.1016/j.forsciint.2019.02.058>

Bioaccessibility of Drug Residues on Common Police Station Work Surfaces, G.S. Doran; J.A. Howitt, *Journal of Analytical Toxicology*, **2019**, 43, 144-148. <http://dx.doi.org/10.1093/jat/bky073>

Simultaneous determination of 24 opioids, stimulants and new psychoactive substances in wastewater, R. Bade; M. Ghetia; L. Nguyen; B.J. Tschärke; J.M. White; C. Gerber, *MethodsX*, **2019**, 6, 953-960. <http://dx.doi.org/10.1016/j.mex.2019.04.016>

**Selected Articles on the Analysis of Drugs of Abuse in Biological Specimens
(Jan-June 2019)**

Validation and Cross-Reactivity Data for Fentanyl Analogs With the Immunalysis Fentanyl ELISA, D. Guerrieri; F. Kjellqvist; R. Kronstrand; H. Green, *Journal of Analytical Toxicology*, **2019**, 43, 18-24. <http://dx.doi.org/10.1093/jat/bky060>

Data-independent screening method for 14 fentanyl analogs in whole blood and oral fluid using LC-QTOF-MS, K.B. Palmquist; M.J. Swortwood, *Forensic Science International*, **2019**, 297, 189-197. <http://dx.doi.org/10.1016/j.forsciint.2019.02.006>

Fatal poisoning involving cyclopropylfentanyl - Investigation of time-dependent postmortem redistribution, L. Brockbals; S.N. Staeheli; S. Gentile; M. Schlaepfer; C. Bissig; S.A. Bolliger; T. Kraemer; A.E. Steuer, *Forensic Science International*, **2019**, 294, 80-85. <http://dx.doi.org/10.1016/j.forsciint.2018.11.007>

Gas Chromatography-Mass Spectrometry Method for the Quantitative Identification of 23 New Psychoactive Substances in Blood and Urine, L.A. Nisbet; F.M. Wylie; B.K. Logan; K.S. Scott, *Journal of Analytical Toxicology*, **2019**, 43, 346-352. <http://dx.doi.org/10.1093/jat/bky109>

Identification and analytical characterization of seven NPS, by combination of (1)H NMR spectroscopy, GC-MS and UPLC-MS/MS((R)), to resolve a complex toxicological fatal case, A. Ameline; D. Garnier; L. Gheddar; C. Richeval; J.M. Gaulier; J.S. Raul; P. Kintz, *Forensic Science International*, **2019**, 298, 140-148. <http://dx.doi.org/10.1016/j.forsciint.2019.03.003>

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Distribution of the Synthetic Cathinone alpha-Pyrrolidinohephenone in Biological Specimens, C. Vignali; M. Moretti; A. Groppi; A.M.M. Osculati; L. Tajana; L. Morini, *Journal of Analytical Toxicology*, **2019**, 43, e1-e6. <http://dx.doi.org/10.1093/jat/bky047>

Death following consumption of MDAI and 5-EAPB, M. Deville; N. Dubois; E. Cieckiewicz; P. De Tullio; E. Lemaire; C. Charlier, *Forensic Science International*, **2019**, 299, 89-94. <http://dx.doi.org/10.1016/j.forsciint.2019.03.023>

Screening, quantification, and confirmation of synthetic cannabinoid metabolites in urine by UHPLC-QTOF-MS, P.O.M. Gundersen; O. Spigset; M. Josefsson, *Drug Testing and Analysis*, **2019**, 11, 51-67. <http://dx.doi.org/10.1002/dta.2464>

A Validated Method for the Detection of Synthetic Cannabinoids in Oral Fluid, M. Williams; J. Martin; P. Galettis, *Journal of Analytical Toxicology*, **2019**, 43, 10-17. <http://dx.doi.org/10.1093/jat/bky043>

A case of 5F-ADB / FUB-AMB abuse: Drug-induced or drug-related death?, I.D. Ivanov; S. Stoykova; E. Ivanova; A. Vlahova; N. Burdzhiev; I. Pantcheva; V.N. Atanasov, *Forensic Science International*, **2019**, 297, 372-377. <http://dx.doi.org/10.1016/j.forsciint.2019.02.005>

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Development and validation of a liquid chromatography-tandem mass spectrometry method for simultaneous detection of 10 illicit drugs in oral fluid collected with FLOQSwabs and application to real samples, N. Fabresse; H. Aouad; A. Knapp; C. Mayer; I. Etting; I.A. Larabi; J.C. Alvarez, *Drug Testing and Analysis*, **2019**, 11, 824-832. <http://dx.doi.org/10.1002/dta.2563>

Simultaneous Determination of Cocaine and Metabolites in Human Plasma Using Solid Phase Micro-Extraction Fiber Tips C18 and UPLC-MS/MS, L.L.F. Lizot; A.C.C. Da Silva; M.F. Bastiani; T.F. Maurer; R.Z. Hahn; M.S. Perassolo; M.V. Antunes; R. Linden, *Journal of Analytical Toxicology*, **2019**, 1-8. <http://dx.doi.org/10.1093/jat/bkz042>

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Evaluation of an on-site test device for the heroin metabolite 6-acetylmorphine in urine, F. Picht; O. Beck; M. Bottcher, *Drug Testing and Analysis*, **2019**, 11, 536-540. <http://dx.doi.org/10.1002/dta.2559>

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