UNODC
United Nations Office on Drugs and Crime

Laboratory and Scientific Section
Vienna International Centre, P.O. Box 500, A-1400 Vienna, Austria
Tel: (+43-1) 26060-4304/4303, Fax (+43-1-5967)

Selected Articles on the Analysis of Drugs of Abuse in Biological Specimens (January – June 2011)

1. Arndt T, et al. (2011).”Kratom alkaloids and O-desmethyltramadol in urine of a “Krypton” herbal mixture consumer.” Forensic Science International **208**:47-52.

2. Baeck S, et al. (2011). “Effects of repeated hair washing and a single hair dyeing on concentrations of methamphetamine and amphetamine in human hairs.” Forensic Science International **206**:77-80.

3. Felli M, et al. (2011). “LC–MS–MS method for simultaneous determination of THCCOOH and THCCOOH-glucuronide in urine: Application to workplace confirmation tests.” Forensic Science International **204**:67-73.

4. Xiang P, et al. (2011). “Segmental hair analysis using liquid chromatography–tandem mass spectrometry after a single dose of benzodiazepines.” Forensic Science International **204**:19-26.

5. Zhu KY, et al. (2011). “The establishment of a highly sensitive method in detecting ketamine and norketamine simultaneously in human hairs by HPLC-Chip–MS/MS.” Forensic Science International **208**:53-58.

6. Wada M, et al. (2011).”Simultaneous determination of N-benzylpiperazine and 1-(3-trifluoromethylphenyl)piperazine in rat plasma by HPLC-fluorescence detection and its application to monitoring of these drugs.” Biomed Chromatogr.

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7. Strano-Rossi S, et al. (2011).”Fast GC-MS method for the simultaneous screening of THC-COOH, cocaine, opiates and analogues including buprenorphine and fentanyl, and their metabolites in urine.” Anal Bioanal Chem **399**:1623-30.

8. Langel K, et al. (2011).”A validated method for the detection and quantitation of 50 drugs of abuse and medicinal drugs in oral fluid by gas chromatography-mass spectrometry.” J Chromatogr B Analyt Technol Biomed Life Sci **879**:859-70.

9. Dowling G, et al. (2011).”A new mixed mode solid phase extraction strategy for opioids, cocaines, amphetamines and adulterants in human blood with hybrid liquid chromatography tandem mass spectrometry detection.” J Pharm Biomed Anal **54**:1136-45.

10. Miguez-Framil M, et al. (2011).”Electrospray ionization tandem mass spectrometry for the simultaneous determination of opiates and cocaine in human hair.” Anal Chim Acta **704**:123-32.

11. Dominguez-Romero JC, et al. (2011).”Screening and quantitation of multiclass drugs of abuse and pharmaceuticals in hair by fast liquid chromatography electrospray time-of-flight mass spectrometry.” J Chromatogr B Analyt Technol Biomed Life Sci **879**:2034-42.

12. Bassan DM, et al. (2011).”Quantitative determination of 43 common drugs and drugs of abuse in human serum by HPLC-MS/MS.” Anal Bioanal Chem **400**:43-50.