

เอกสารอ้างอิง

- กัลยา วนิชย์บัญชา. การวิเคราะห์สอดคล้องเพื่อการตัดสินใจ. พิมพ์ครั้งที่ 5. กรุงเทพฯ: ภาควิชาสอดคล้อง คณะพานิชศาสตร์และการบัญชี จุฬาลงกรณ์มหาวิทยาลัย; 2539. หน้า 8-9, 508.
- พระเทพ สุขสรายุจิต. การประยุกต์แก๊สโถร์มาโทกราฟี-แมสสเปกโตรเมทรีในการศึกษาสารระเหยและสารหอมในใบและเมล็ดข้าวขาวดอกมะลิ 105 [วิทยานิพนธ์วิทยาศาสตร์มหาบัณฑิต]. มหาวิทยาลัยเชียงใหม่; 2548.
- ศูนย์ประสานการปฏิบัติ ที่ ๑ กองอำนวยการรักษาความมั่นคงภายในราชอาณาจักร. สถานการณ์ปัญหายาเสพติดปี 2552 และแนวโน้มของปัญหาประกอบการจัดทำแผนป้องกันและแก้ไขปัญหายาเสพติด ปี 2553. 2009 [Online]. [cited 2010 Jan 27]. Available from: [http://www.nccd.go.th/upload/content/situationtrendin2009\(published\).pdf](http://www.nccd.go.th/upload/content/situationtrendin2009(published).pdf)
- Adam P. Drug characterization of methamphetamine pills as a scientific tool to help identify drug production and trafficking network [Ph.D. Thesis]. Chiang Mai University; 2005.
- Agilent technologies. An introduction to mass spectrometry for GC-the single quadrupole in Mass Spectrometry Solution Seminar. 2005. p. 22-6.
- Albertson TE, Derlet RW, Van Hoozen BE. Methamphetamine and the expanding complications of amphetamines. West J Med 1999;170:214-9.
- Arthur CL, Pawliszyn J. Solid phase microextraction with thermal desorption using fused silica optical fibers. J Anal Chem 1990;62:2145.
- Baumgartner AM, Jones PF, Baumgartner WA, Black CT. Radioimmunoassay of hair for determining opiates abuse histories. J Nuclear Med 1979;20:748-52.
- Brust JCM. Neurological aspects of substance abuse. Butterworth-Heinemann, Stoneham, MA. 1993.
- Chia KJ, Huang SD. Simultaneous derivatization and extraction of amphetamine-like drugs in urine with headspace solid-phase microextraction followed by gas chromatography-mass spectrometry. Anal Chim Acta 2005;539:49-54.

11. Chiarotti M, Strano-Rossi S, Offidani C, Fiori A. Evaluation of cocaine use during pregnancy through toxicological analysis of hair. *J Anal Toxicol* 1996;20:555-8.
12. Cody JT. Amphetamins. Encyclopedia of Analytical Science. 2nd ed. 2005. p. 80-8.
13. Cordero R, Paterson S. Simultaneous quantification of opiates, amphetamines, cocaine and metabolites and diazepam and metabolite in a single hair sample using GC-MS. *J Chromatogr B* 2007;850:423-31.
14. Fritch D, Groce Y, Rieders F. Cocaine and some of its products in hair by RIA and GC/MS. *J Anal Toxicol* 1992;16:112-4.
15. Gaillard Y, Pépin G. Simultaneous solid-phase extraction on C18 cartridges of opiates and cocainics for an improved quantitation in human hair by GC-MS: one year of forensic applications. *Forensic Sci Int* 1997;86:49-59.
16. Gentili S, Cornetta M, Macchia T. Rapid screening procedure based on headspace solid-phase microextraction and gas chromatography-mass spectrometry for the detection of many recreational drugs in hair. *J Chromatogr B* 2004;801:289-96.
17. Han E, Yang W, Lee J, Park Y, Kim E, Lim M, et al. Correlation of methamphetamine results and concentrations between head, axillary, and pubic hair. *Forensic Sci Int* 2005;147:21-4.
18. Hawthorne SB, Miller DJ, Pawliszyn J, Arthur CL. Solventless determination of caffeine in beverages using solid-phase microextraction with fused-silica fibers. *J Chromatogr A* 1992;603:185-91.
19. Hair Loss Transplant & Restoration. The Hair Cycle [Online]. 2010 [cited 2010 Dec 23]. Available from: <http://www.hairtransplantsurgery.ie/hair-physiology.html>
20. Huang MK, Liu C, Huang SD. One step and highly sensitive headspace solid-phase microextraction sample preparation approach for the analysis of methamphetamine and amphetamine in human urine. *Analyst* 2002;127:1203-6.
21. Kanamori T, Tsujikawa K, Ohmaea Y, Iwataa YT, Inouea H, Kishia T, et al. A study of the metabolism of methamphetamine and 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in isolated rat hepatocytes. *Forensic Sci Int* 2005;148:131-7.
22. Kintz P, Cirimele V. Interlaboratory comparison of quantitative determination of amphetamine and related compounds in hair samples. *Forensic Sci Int* 1997;84:151-6.

23. Knapp DR. *Handbook of analytical derivatization reactions*. New York: John Wiley and Sons; 1979.
24. Kronstrand R, Grundin R, Jonsson J. Incidence of opiates, amphetamines and cocaine in hair and blood in fetal case of heroin overdose. *Forensic Sci Int* 1998;92:29-38.
25. Lee S, Park Y, Yang W, Han E, Choe S, In S, et al. Development of a reference material using methamphetamine abusers' hair samples for the determination of methamphetamine and amphetamine in hair. *J Chromatogr B* 2008;865:33-9.
26. Liu J, Hara K, Kashimura S, Kachiwagi M, Kageura M. New method of derivatization and headspace solid-phase microextraction for gas chromatographic-mass spectrometric analysis of amphetamines in hair. *J Chromatogr B* 2001;758:95-101.
27. Logan BK. Methamphetamine - Effects on human performance and behavior. *Forensic Sci Rev* 2002;14:133-51.
28. Lycaeum Entheogen Database. Methamphetamine [Online]. 2010 [cited 2010 Nov 15]. Available from: <http://www.lycaeum.org/leda/docs/365.shtml?ID=365>
29. Moffat CA, Osselton MD, Widdop B. Monographs In: Clarke's analysis of drugs and poison. 3rd ed. Chicago: Pharmaceutical Press; 2004. p. 612-4, 1226-8.
30. Pengwong M. Development of hair analysis for amphetamine and methamphetamine in YABA abusers using automated headspace solid-phase microextraction and gas chromatography-mass spectrometry technique [M.S. Thesis]. Chiang Mai University; 2008.
31. Nagasawa N, Yashiki M, Iwasaki Y, Hara K, Kojima T. Rapid analysis of amphetamines in blood using head space-solid phase microextraction and selected ion monitoring. *Forensic Sci Int* 1996;78:95-102.
32. Nakahara Y. Detection and diagnostic interpretation of amphetamines in hair. *Forensic Sci Int* 1995;70:135-53.
33. Nakahara Y. Hair analysis for abused and therapeutic drugs. *J Chromatogr B* 1999;733:161-80.
34. Nishida M, Yashiki M, Namera A, Kimura K. Single hair analysis of methamphetamine and amphetamine by solid phase microextraction coupled with in matrix derivatization. *J Chromatogr B* 2006;842:106-10.

35. Ogata A. Constitution of ephedrine – Desoxyephedrine. *J Pharm Soc Jpn* 1919;451:751.
36. Pragst F, Balikova MA. State of the art in hair analysis for detection of drug and alcohol abuse. *Clinica Chimica Acta* 2006;370:17-49.
37. Pujadas M, Pichini S, Poudevida S, Menoyo E, Zuccaro P, Farre M, et al. Development and validation of a gas chromatography-mass spectrometry assay for hair analysis of amphetamine, methamphetamine and methylenedioxy derivatives. *J Chromatogr B* 2003;798:249-55.
38. Robertson J, editor. Physiology and growth of human hair in: *Forensic examination of hair*. Philadelphia: Taylor & Francis; 1999. p. 1-77.
39. Röhrich J, Kauert G. Determination of amphetamine and methylenedioxy-amphetamine-derivatives in hair. *Forensic Sci Int* 1997;179:179-88.
40. Saitoh M, Uzuka M, Sakamoto M. Human hair cycle. *J Invest Dermatol* 1970;51:65-81.
41. Segura J, Ventura R, Jurado C. Derivatization procedures for gas chromatographic-mass spectrometric determination of xenobiotics in biological samples, with special attention to drugs of abuse and doping agents. *J Chromatogr B* 1998;713:61-90.
42. Skender L, Karacic V, Brčic I, Bagaric A. Quantitative determination of amphetamines, cocaine, and opiates in human hair by gas chromatography/mass spectrometry. *Forensic Sci Int* 2002;125:120-6.
43. Skopp G, Potsch L, Moller MR. On cosmetic treated hair aspects and pitfalls of interpretation. *Forensic Sci Int* 1997;84:43-52.
44. Society of Hair Testing. Recommendation for hair testing in forensic cases. *Forensic Sci Int* 2004;145:83-4.
45. Sporkert F, Pragst F. Use of headspace solid-phase microextraction (HS-SPME) in hair analysis for organic compounds. *Forensic Sci Int* 2000;107:129-48.
46. Stashenko E, Martínez JR. Derivatization and solid-phase microextraction. *Trends Anal Chem* 2004;23:553-61.
47. Theodoridis G, Koster EHM, Jong GJ. Solid-phase microextraction for the analysis of biological samples. *J Chromatogr B Biomed Sci Appl* 2000;745:49-82.

48. The proposed SAMHSA (Substance Abuse and Mental Health Services Administration) levels are from: Proposed Revisions to Mandatory Guidelines for Federal Workplace Drug Testing Programs. *Federal Register* 2004;69:19673-732.
49. Thurman EM, Pedersen MJ, Stout RL, Martin T. Distinguishing sympathomimetic amines from amphetamine and methamphetamine in urine by gas chromatography/mass spectrometry. *J Anal Toxicol* 1992;16:19-27.
50. United States Food and Drug Administration. Guidance for Industry: Analytical Procedures and Methods Validation Chemistry, Manufacturing, and Controls Documentation Food and Drug Administration (FDA), 2005 [Online]. 2008 Apr 10 [cited 2010]. Available from: <http://www.fda.gov/cber/gdlns/methval.pdf>
51. Vas G, Vekey K. Solid-Phase microextraction: a powerful sample preparation tool prior to mass spectrometric analysis. *J Mass Spectrom* 2004;39:233-54.
52. Winslow BT, Voorhees KI, Pehl KA. Methamphetamine abuse. *Am Fam Physician* 2007;76: 1169-74.
53. Wong RC, Tse HY. Drugs of abuse: body fluid testing. New Jersey: Humana Press; 2005. p. 11-28.
54. Wu YH, Lin KL, Chen SC, Chang YZ. Integration of GC/EI-MS and GC/NCI-MS for simultaneous quantitative determination of opiates, amphetamines, MDMA, ketamine, and metabolites in human hair. *J Chromatogr B* 2008;870:192-202.
55. Yahata M, Namera A, Nishida M, Yashiki M, Kuramoto T, Kimura K. In-matrix derivatization and automated headspace solid-phase microextraction for GC-MS determination of amphetamine-related drugs in human hair. *Forensic Toxicol* 2006;24:51-7.
56. Yudko E, Hall VH, McPherson SB. Methamphetamine use: clinical and forensic aspects. Boca Raton, FL: CRC Press; 2003.