

# SCIEX 治疗药物监测 (TDM) 发表文章目录 (第一卷)



## 镇定止痛药类

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2. A low blood volume LC-MS/MS assay for the quantification of fentanyl and its major metabolites norfentanyl and despropionyl fentanyl in children. *J. Sep. Sci.*
3. A new approach to the application of solid phase extraction disks with LC-MS/MS for the analysis of drugs on a 96-well plate format. *Journal of Pharmaceutical and Biomedical Analysis*.
4. A Rapid and Sensitive High-Performance Liquid Chromatography-Electrospray Ionization-Triple Quadrupole Mass Spectrometry Method for the Quantitation of Oxycodone in Human Plasma. *Journal of Chromatographic Science*.
5. A rapid quantitative method of carisoprodol and meprobamate by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B*.
6. A sensitive assay for the quantification of morphine and its active metabolites in human plasma and dried blood spots using high-performance liquid chromatography-tandem mass spectrometry. *Anal Bioanal Chem*.
7. A sensitive LC-MS/MS method using silica column and aqueous /organic mobile phase for the analysis of loratadine and descarboethoxy-loratadine in human plasma. *Journal of Pharmaceutical and Biomedical Analysis*.
8. Therapeutic Monitoring of Opioids: A Sensitive LC-MS/MS Method for Quantitation of Several Opioids Including Hydrocodone and Its Metabolites. *Biological and Pharmaceutical Bulletin*.

9. A simple extraction and LC-MS/MS approach for the screening and identification of over 100 analytes in eight different matrices. Drug testing and analysis.
10. A Simple Liquid Chromatography-Tandem Mass Spectrometry Method for Determination of Plasma Fentanyl Concentration in Rats and Patients with Cancer Pain. Biological and Pharmaceutical Bulletin.
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15. An automated SPE/LC/MS/MS method for the analysis of cocaine and metabolites in whole blood. Journal of Chromatography B.
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17. An improved simple LC-MS/MS method for the measurement of serum aripiprazole and its major metabolite. Journal of Pharmaceutical and Biomedical Analysis.

18. An ultra-sensitive LC-MS/MS method to determine midazolam levels in human plasma: development, validation and application to a clinical study. *Bioanalysis*.
19. Analysis of benzodiazepines and their metabolites using DBS cards and LC-MS/MS. *Forensic Science International*.
20. Analysis of Buprenorphine in Whole Blood Using Liquid Chromatography-Tandem Mass Spectrometry. *Journal of Analytical Toxicology*.
21. Analysis of buprenorphine, norbuprenorphine, and their glucuronides in urine by liquid chromatography-mass spectrometry. *Journal of Analytical Toxicology*.
22. Analysis of omeprazole, midazolam and hydroxy-metabolites in plasma using liquid chromatography coupled to tandem mass spectrometry. *Journal of Chromatography B*.
23. Automated DBS Extraction Prior to HILIC/RP LC-MS/MS Target Screening of Drugs. *Chromatographia*.
24. Buprenorphine and Norbuprenorphine Concentrations in Human Breast Milk Samples Determined by Liquid Chromatography-Tandem Mass Spectrometry. *The Drug Monit.*
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26. Characterization of the designer benzodiazepine diclazepam and preliminary data on its metabolism and pharmacokinetics. *Drug Test. Analysis*.
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28. Chiral on-line solid phase extraction coupled to liquid chromatography-tandem mass spectrometry assay for quantification of (R) and (S) enantiomers of methadone and its main metabolite in plasma. *Talanta*.
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35. Detection and validated quantification of 21 benzodiazepines and 3 "z-drugs" in human hair by LC-MS/MS. *Forensic Science International*.
36. Detection of doxorubicin hydrochloride accumulation in the rat brain after morphine treatment by mass spectrometry. *Cancer Chemother Pharmacol*.
37. Detection of Synthetic Cannabinoids in Oral Fluid Using ELISA and LC-MS/MS. *Journal of Analytical Toxicology*.
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  40. Determination of amphetamine and methamphetamine in umbilical cord using liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B*.
  41. Determination of basic drugs of abuse in human serum by online extraction and LC-MS/MS. *Anal Bioanal Chem*.
  42. Determination of Buprenorphine and Norbuprenorphine in Whole Blood by Liquid Chromatography-Mass Spectrometry. *Journal of Analytical Toxicology*.
  43. Determination of clonazepam in hair and nail using liquid chromatography tandem mass spectrometry (LC-MS/MS). *Journal of Liquid Chromatography & Related Technologies*.
  44. Determination of diazepam and its metabolites in human urine by liquid chromatography/tandem mass spectrometry using a hydrophilic polymer column. *Rapid Communications in Mass Spectrometry*.
  45. Determination of free and protein-bound methadone and its major metabolite EDDP: Enantiomeric separation and quantitation by LC-MS/MS. *Clinical Biochemistry*.
  46. Determination of illicit drugs and metabolites in oral fluid by microextraction on packed sorbent coupled with LC-MS/MS. *Anal Bioanal Chem*.
  47. Determination of medicinal and illicit drugs in post mortem dental hard tissues and comparison with analytical results for body fluids and hair samples.

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48. Determination of Oxycodone, Noroxycodone, Oxymorphone, and Noroxymorphone in Human Plasma by Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. *Ther Drug Monit.*
49. Determination of residual levels of naloxone, yohimbine, thiophanate, and altrenogest in porcine muscle using QuEChERS with liquid chromatography and triple quadrupole mass spectrometry. *Journal of Separation Science.*
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59. Development and validation of a sensitive ultra-performance liquid chromatography tandem mass spectrometry method for the analysis of fentanyl and its major metabolite norfentanyl in urine and whole blood in forensic context. *Journal of Chromatography B*.
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