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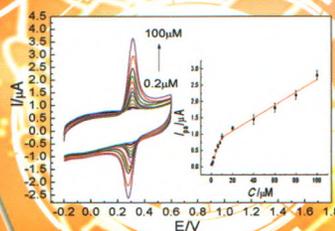
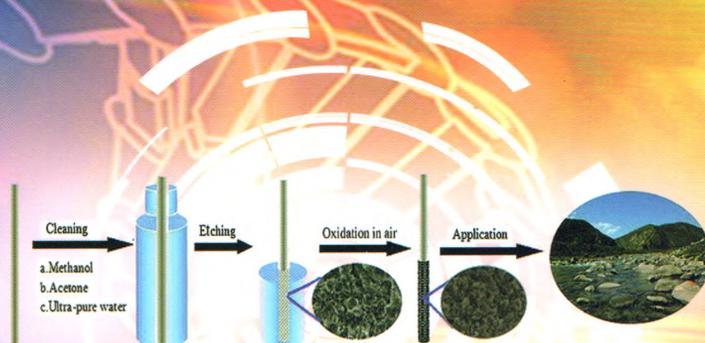
分析测试学报



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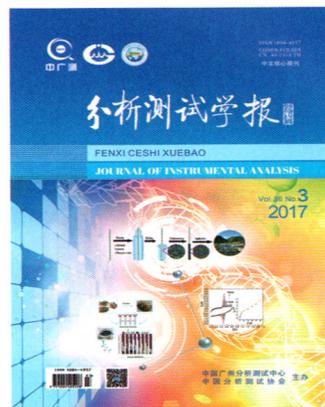
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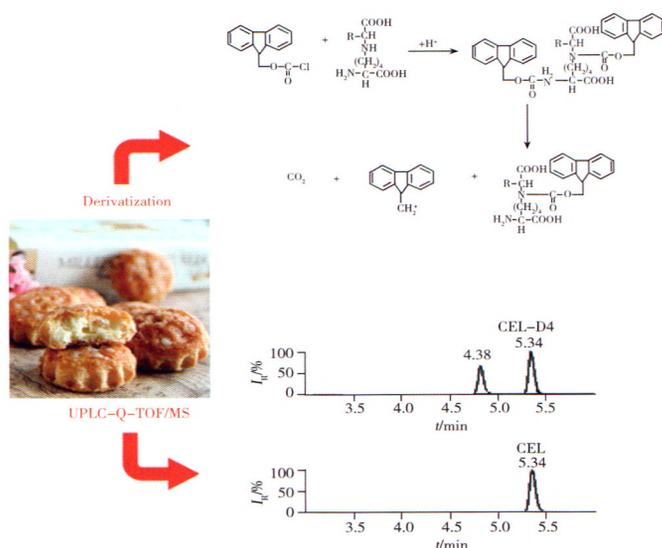
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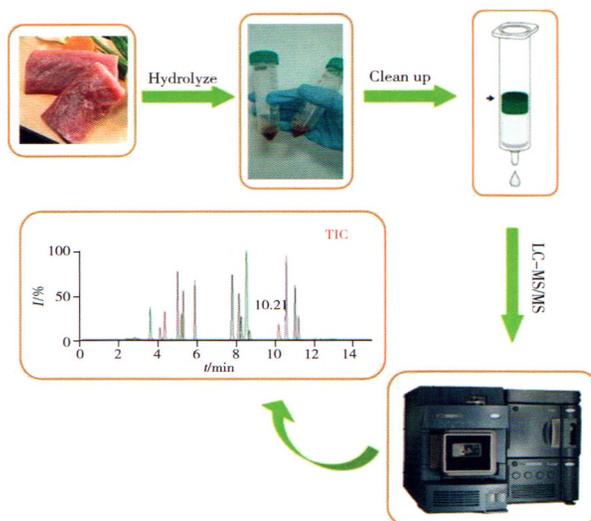
Scientific Papers



Application of Ultra Performance Liquid Chromatography – Quadrupole Time-of-flight Mass Spectrometry in Determination of CML and CEL in Baking Foods

LIN Qin, ZHENG Xiao-yan, CHEN Chun,
DAI Ming, ZHOU Yan-qiong, ZHANG Ying

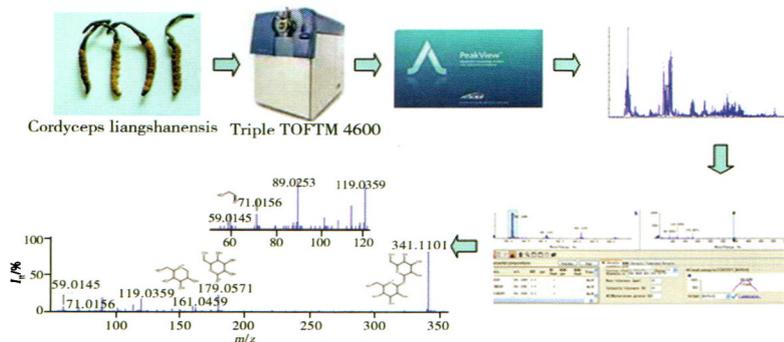
J. Instrum. Anal., 2017, 36(3): 297 – 304.
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Simultaneous Determination of 16 Sedative Residues in Livestock Products by Solid Phase Extraction/Ultra Performance Liquid Chromatography – Tandem Mass Spectrometry

LIU Jia-yang, HUANG Xu, JIA Hong-xin

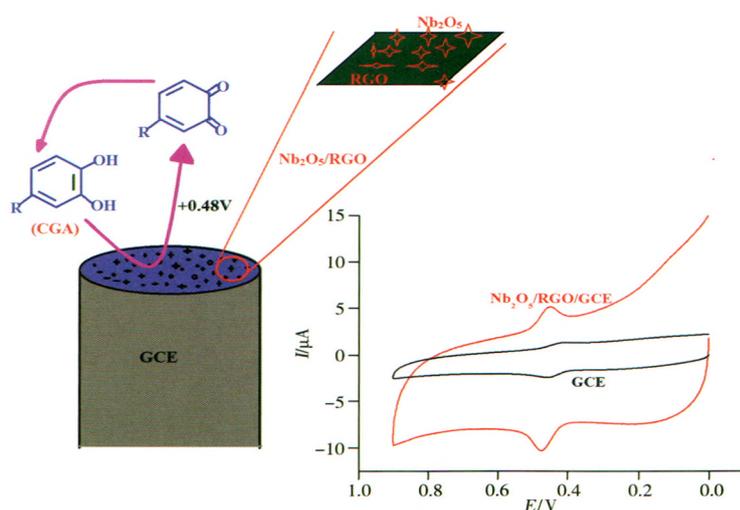
J. Instrum. Anal., 2017, 36(3): 305 – 311.
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Analysis of Chemical Constituents in *Cordyceps liangshanensis* by UPLC - Q - TOF - MS

QIN Wei-han, LIU Xiang, YANG Yong, ZHANG Xiao-mei, GUO Yan-lei, LIU Fei

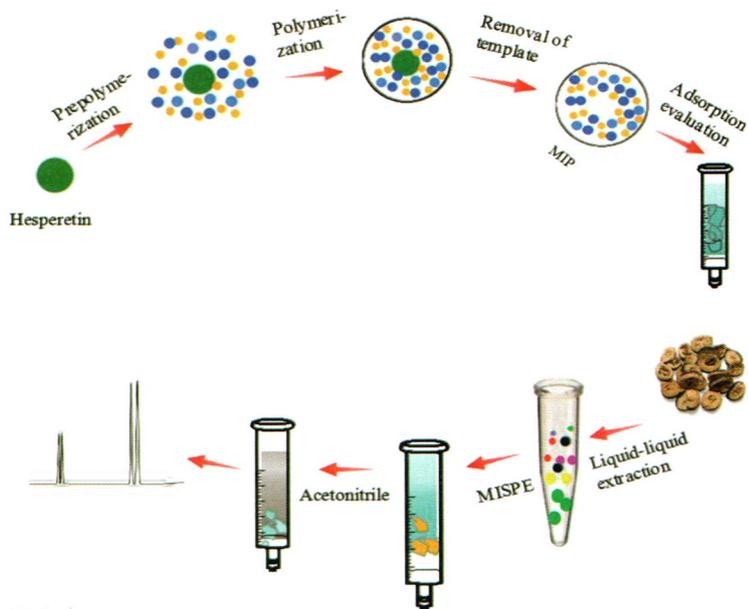
J. Instrum. Anal., 2017, 36(3): 312 - 318.
doi: 10.3969/j.issn.1004 - 4957.2017.03.003



Electrochemical Detection of Chlorogenic Acid Based on the Enhancement Effect of Nb₂O₅/RGO Nanocomposites

QU Wan-yun, WU Yan, HU Wei-bing

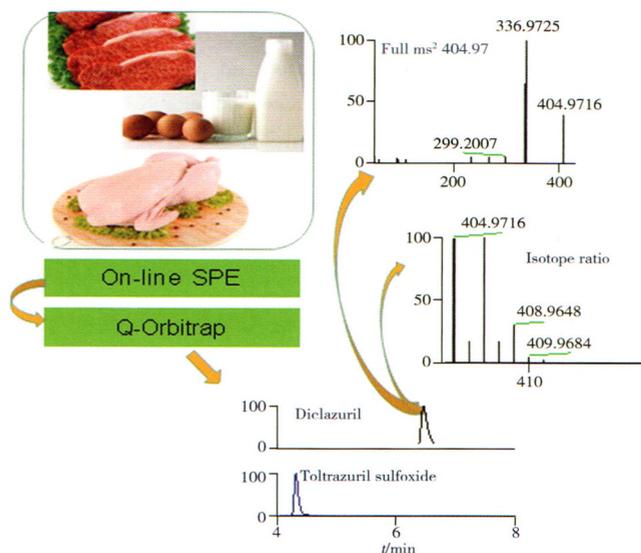
J. Instrum. Anal., 2017, 36(3): 319 - 324.
doi: 10.3969/j.issn.1004 - 4957.2017.03.004



Molecularly Imprinted Solid-phase Extraction Combined with High Performance Liquid Chromatography for Separation and Enrichment of Four Flavanones in Citrus Aurantium

HE Mei-yan, YE Yu-feng, LIU Yan, LI Zhen-zhu, JIAO Bi-ning, ZENG Shao-mei, SU Xue-su

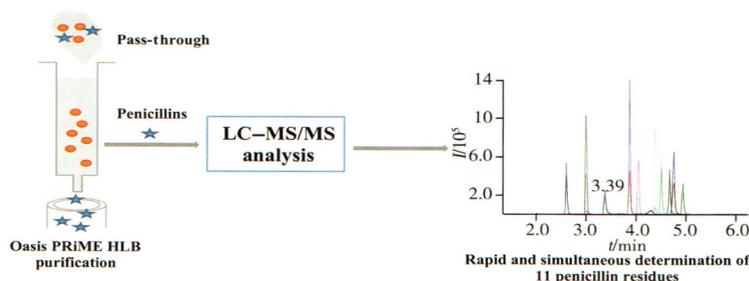
J. Instrum. Anal., 2017, 36(3): 325 - 330.
doi: 10.3969/j.issn.1004 - 4957.2017.03.005



Rapid Determination of Diclazuril, Toltrazuril and Their Metabolite Residues in Foods of Animal Origin by On-line Cleanup Liquid Chromatography – High Resolution Mass Spectrometry

ZHANG Hai-chao, MA Yu-song, LI Ying, AI Lian-feng, XU Niu-sheng, CHEN Rui-chun, GUO Chun-hai

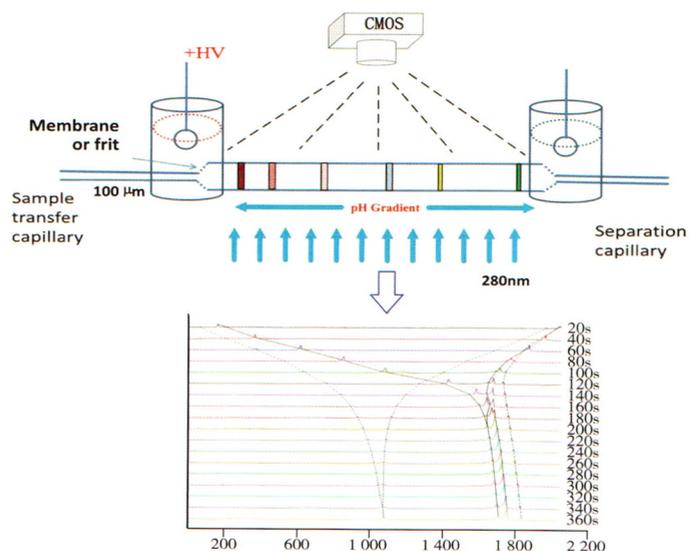
J. Instrum. Anal. , 2017, 36(3) : 331 – 336.
doi: 10.3969/j.issn.1004 – 4957.2017.03.006



Rapid and Simultaneous Determination of 11 Penicillin Residues in Fishery Products by Pass-through SPE Purification and Liquid Chromatography – Tandem Mass Spectrometry

GUO Meng-meng, LI Zhao-xin, WANG Zhi, PAN Ming-xuan, WU Hai-yan, XING Li-hong, SUN Xiao-jie

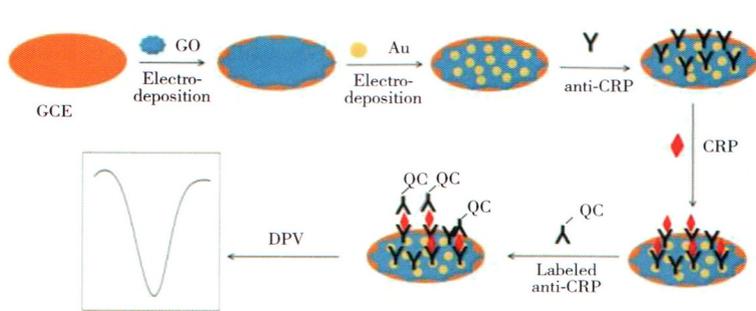
J. Instrum. Anal. , 2017, 36(3) : 337 – 342.
doi: 10.3969/j.issn.1004 – 4957.2017.03.007



Analysis of Peptide and Protein Drugs Isoelectric Point by Full Column Imaging cIEF – WCID

MENG Xiao-guang, ZHEN Li, LIU Yue-mei, HOU Li-ping, LIU Dan, LI Bin, OUYANG Wei-min, WEI Kai-hua

J. Instrum. Anal. , 2017, 36(3) : 343 – 348.
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GO: oxidized graphene; QC: anthraquinone dicarboxylic acid

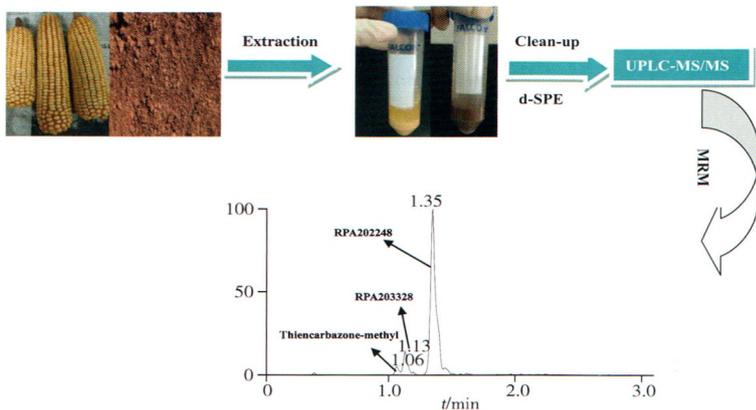
Development of a C-Reactive Protein Immunosensor Based on Au Nanoparticles/Reduced Graphene Oxide

ZHANG Xi, XIA Jie-ren, LI De-lei, ZHANG Kun-lei, BAI Ru-yan, HU Rong, YANG Yun-hui

J. Instrum. Anal. , 2017, 36(3) : 349 – 354.

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Research Notes

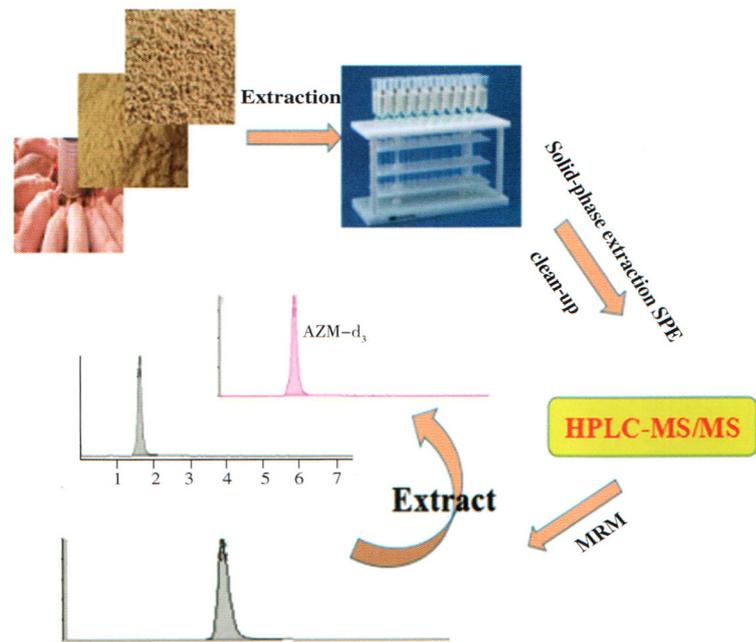


Determination of Thiencarbazone-methyl, Isoxaflutole and their Metabolites Residues in Corn and Soil by Dispersive Solid-phase Extraction Combined with Ultra Performance Liquid Chromatography – Tandem Mass Spectrometry

WANG Dong, YAN Si-yue, JIA Chun-hong, ZHAO Er-cheng

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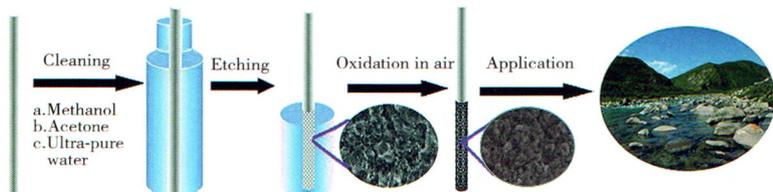


Determination of Azithromycin in Formula Feed for Fattening Pigs by High Performance Liquid Chromatography – Tandem Mass Spectrometry

TANG Xiang, ZHAO Li-jun, LUO Cheng, WU Cai-mei, YAN Shan-shan, LIU Guang-mang, LIN Yan, WU De

J. Instrum. Anal. , 2017, 36(3) : 361 – 366.

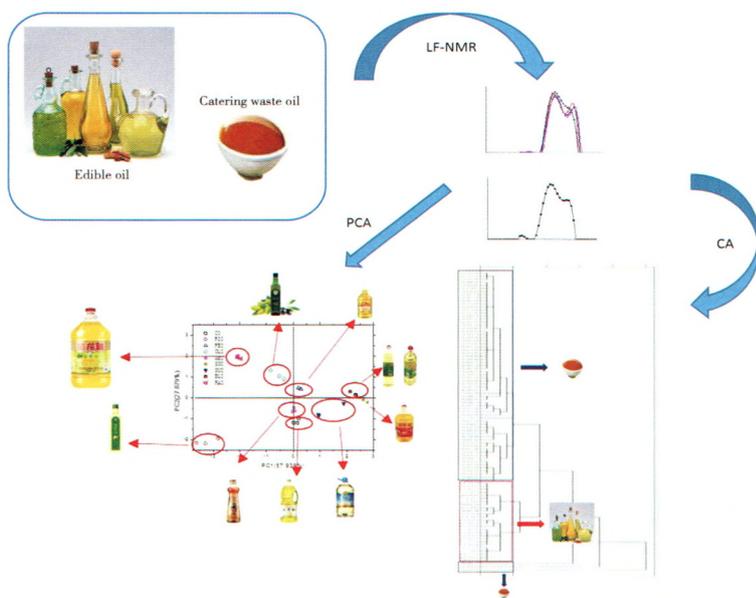
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Determination of Ultraviolet Filters in Environmental Water Samples Using Rapidly Prepared NiTi Alloy Based Solid Phase Microextraction Fiber Coupled with High Performance Liquid Chromatography

ZHEN Qi, JIN Pan-xia, ZHANG Min, WANG Hui-ju, WANG Xue-mei, DU Xin-zhen

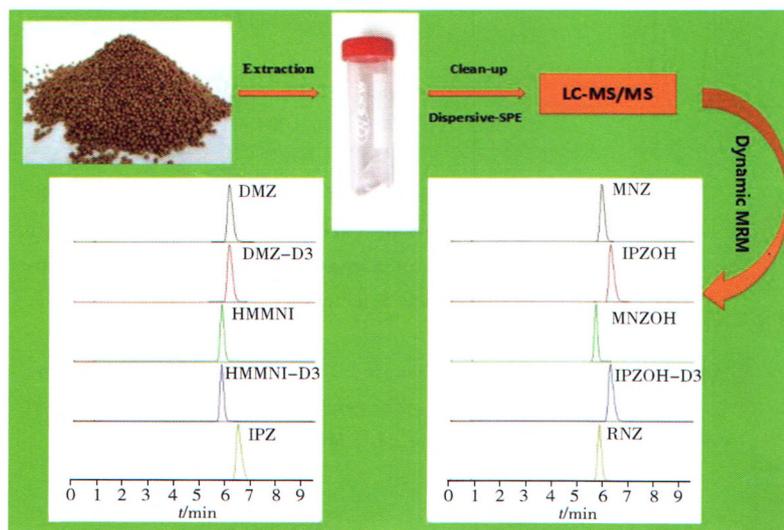
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Classification of Edible Vegetable Oils and Discrimination of Catering Waste Oils by LF – NMR Combined with Chemometrics Method

MAO Rui, WANG Xin, SHI Ran

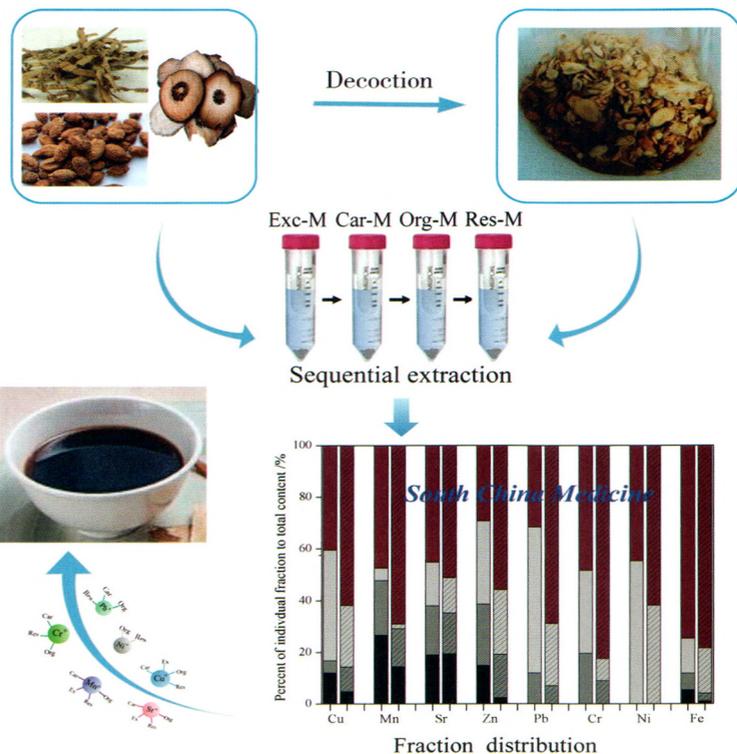
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Rapid Determination of Nitroimidazoles and Their Metabolites Residues in Feeds by High Performance Liquid Chromatography – Tandem Mass Spectrometry

WEI Yun-ji, ZHU Zhen-yi, FENG Min, HE Jian, SHEN Jin-rong, HE Zheng-he, QIN Xian, ZHANG Ling-li, QIAN Yi-ping, DING Tao

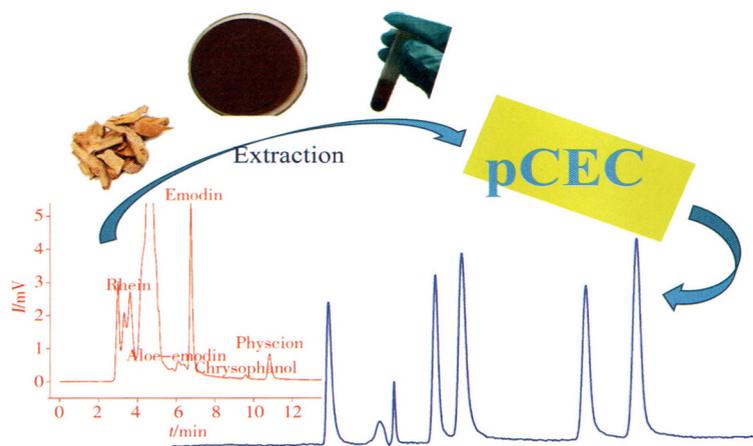
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Effect of Decoction on Contents and Speciation of Heavy Metals in South China Medicine

XUN He, PAN Jia-chuan, LIANG Wei-xin, WEI Ya-ning, GUO Peng-ran

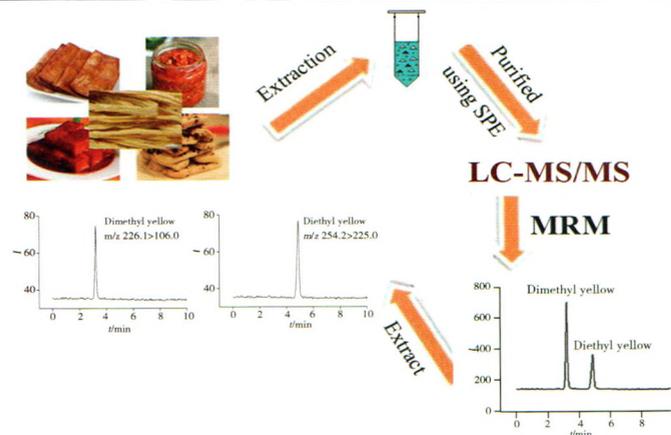
J. Instrum. Anal., 2017, 36(3): 382 – 387.
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Determination of the Main Anthraquinones in Root of Polygonum cuspidatum by Pressurized Capillary Electrochromatography

XIAO Xiao-ru, FENG Jun, CHENG Hao, HUANG Wen-yi, LI Yan-qing, ZHAO Yan-yong, LI Li-jun

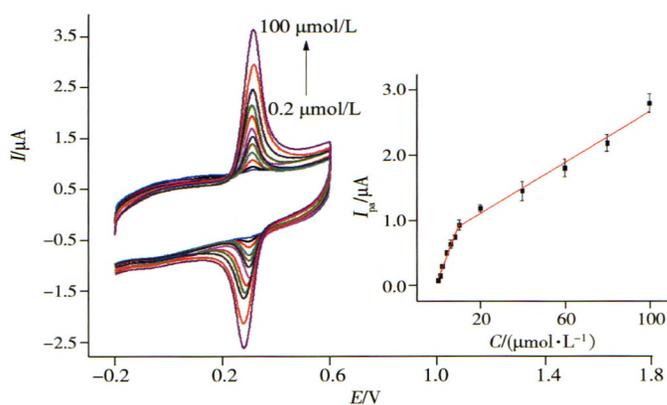
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Determination of Dimethyl Yellow and Diethyl Yellow in Variety of Foods by Solid Phase Extraction/Liquid Chromatography – Tandem Mass Spectrometry

LAI Guo-yin, YI Xiong-hai, WU Min, ZHANG Zhi-gang, WANG Chuan-xian, XU Dun-ming, LÜ Mei-ling

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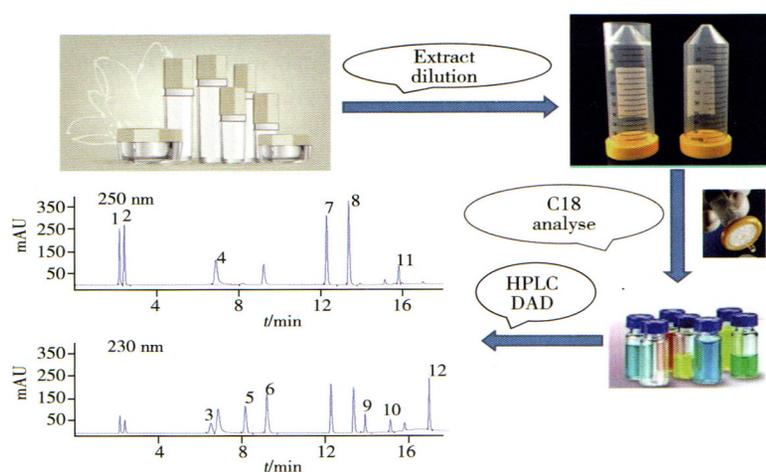


Sensitive Electrochemical Determination of Chlorogenic Acid in Traditional Chinese Medicine Product and Its Interaction with DNA

LI Hong-ying, ZHAO Wei, WANG Xue-liang, WANG Tao, WANG Zhao-xia

J. Instrum. Anal., **2017**, 36(3): 398–402.

doi: 10.3969/j.issn.1004-4957.2017.03.018



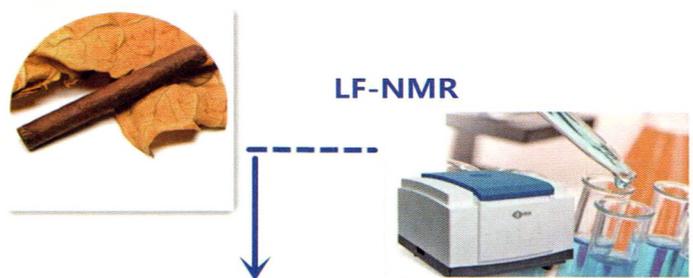
Simultaneous Determination of 10 Whitening and 2 Prohibited Components in Cosmetics by High Performance Liquid Chromatography

CHEN Pei-jin, LIANG Hong, XIAO Feng, LIN Li, TU Xiao-ke

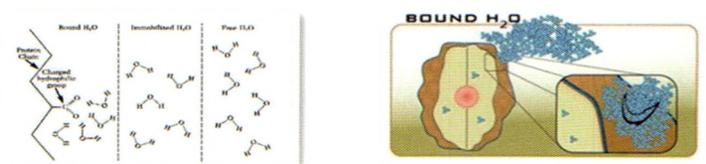
J. Instrum. Anal., **2017**, 36(3): 403–408.

doi: 10.3969/j.issn.1004-4957.2017.03.019

Experimental Techniques



Water distribution

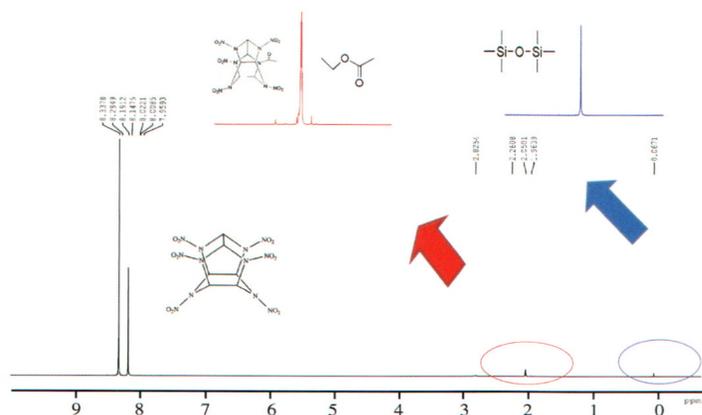


Study on Different Kinds of Water Distribution and Moisture Content in Tobacco by LF-NMR Technique

GUO Lei, SU Jia-kun, LUO Juan-min, XU Da, SHAO Deng-yin, CAI Ji-bao

J. Instrum. Anal., **2017**, 36(3): 409–413.

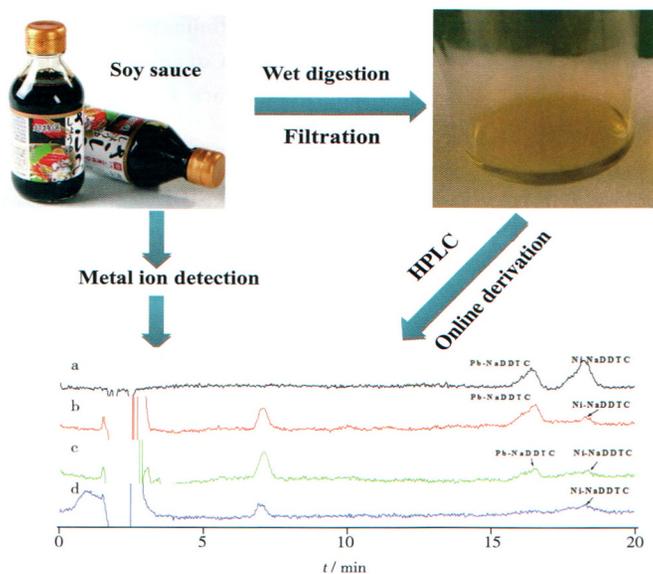
doi: 10.3969/j.issn.1004-4957.2017.03.020



Determination of Organic Impurity in Reference Materials CL – 20 by Quantitative Nuclear Magnetic Resonance (qNMR)

LIU Ke, WANG Min-chang, XU Min, ZHANG Li-han, ZHANG Gao, CHEN Zhi-qun

J. Instrum. Anal. , 2017, 36(3) : 414 – 417.
doi: 10.3969/j.issn.1004 – 4957.2017.03.021



Determination of Pb²⁺ and Ni²⁺ in Soy Sauce by Online Derivation with High Performance Liquid Chromatography

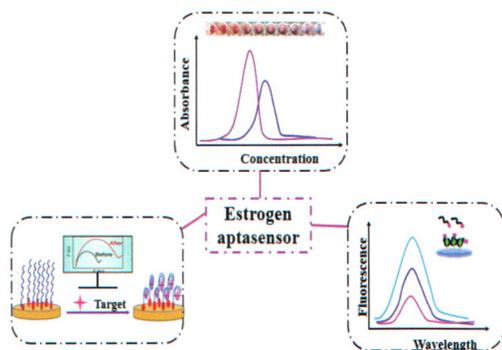
LU Yu-xi, ZHANG Li-hong, TANG Li-li, ZHANG Shuang, LUAN Feng, LIU Hui-tao

J. Instrum. Anal. , 2017, 36(3) : 418 – 421.
doi: 10.3969/j.issn.1004 – 4957.2017.03.022

Review

Research on Aptasensor Development for Estrogen Detection

ZHANG Gui-lan, ZHU Chao, HUANG Ya-fei, YAN Jiao, CHEN Ai-liang



J. Instrum. Anal. , 2017, 36(3) : 422 – 430.
doi: 10.3969/j.issn.1004 – 4957.2017.03.023

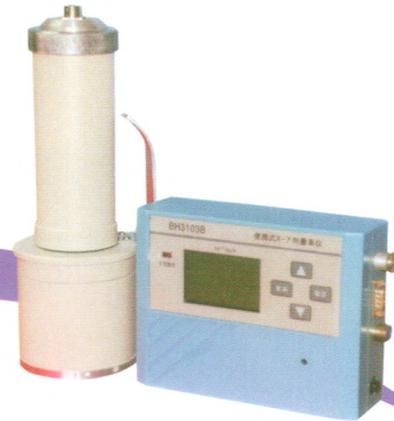


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