

食品安全检测

超高效液相色谱-串联质谱法检测动物性食品中6种性激素残留

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收稿日期 修回日期 网络版发布日期:

摘要

关键词

分类号

Research of 6 Sex Hormones Residues in Animal Foods by UPLC-MS/MS

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Abstract A method for ultra performance liquid chromatography-tandem mass spectrometric(UPLC-MS/MS) was developed for the simultaneous identification and determination of 6 sex hormones in the duck liver. Components were extracted from homogenized sample with Methyl Tertiary Butyl Ether(MTBE) ordinarily, cleaned by Sep-Pak Silica SPE column, and detected by electrospray ionization mass spectrometry in the positive ion mode. This method is more suitable for determination of sex hormones in animal foods.

Key words [sex hormones residues](#) [ultra performance liquid chromatography-tandem mass spectrometry \(UPLC-MS/MS\)](#) [animal foods](#)

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