

研究简报

紫丁香叶挥发性化学成分季节性变化的GC/MS研究

回瑞华; 侯冬岩; 李铁纯; 刘晓媛; 李学成

鞍山师范学院化学系, 辽宁 鞍山 114007

收稿日期 2007-1-26 修回日期 2007-6-10 网络版发布日期:

摘要

采用水蒸气蒸馏法提取不同季节紫丁香叶挥发性化学成分,用气相色谱法分离,质谱法鉴定其结构,对不同季节紫丁香叶挥发性化学成分变化进行研究。结果表明,紫丁香叶挥发油成分和含量在不同季节有很大的变化,5月份紫丁香叶的挥发油中主要成分为萜类化合物,而6、7月份紫丁香叶的挥发油中主要成分为青叶醇、 α -绿叶烯和香叶芳樟醇。

关键词 [紫丁香叶](#) [挥发油](#) [不同季节](#) [气相色谱-质谱](#)

分类号 [O 657.63](#)

Study on the Volatile Constituents in Leaf of *Syringa Oblata* Lindl. at Different Season

HUI Rui -hua; HOU Dong-yan; LI Ti e-chun; LIU Xi ao-yuan; LI Xue-cheng

Department of Chemistry, Anshan Normal University, Anshan 114007, China

Abstract

Variation of the volatile components from leaf of *Syringa Oblata* Lindl. at different season was described. The volatile substances from leaves of *Syringa Oblata* Lindl. were extracted by hydro-distillation. The components were separated by gas chromatography and identified by gas chromatography-mass spectrometry (GC/MS). The results show that the yield and composition of the volatile oil at different season are notably varied. The major compounds of the volatile oil from leaves of *Syringa Oblata* Lindl. are terpene constituents in May. The major compounds of the volatile oil from leaves of *Syringa Oblata* Lindl. are 3-hexen-1-ol, α -patcholene and geranylinalol in June and July.

Key words

[leaf of *Syringa Oblata* Lindl.](#) [volatile oil](#) [different season](#) [GC/MS](#)

扩展功能

本文信息

▶ [Supporting info](#)

▶ [\[PDF全文\]\(100KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含“紫丁香叶”的 相关文章](#)

▶ 本文作者相关文章

- [回瑞华](#)
- [侯冬岩](#)
- [李铁纯](#)
- [刘晓媛](#)
- [李学成](#)

