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APPENDIX

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

The traditional drug stores of which crude drugs “reo” were bough for research.

Chiang Mai province (1)	: Bombay Panid, Muang district, Chiang Mai province.
Chiang Mai province (2)	: EAR, Kard soun kaew market, Muang district, Chiang Mai province.
Sukhothai province	: Wasana Bansamunprai, Muang district, Sukhothai province.
Bangkok province (1)	: Vej-ja-pong, Chakkrawad road, Sampanthawong district, Bangkok province.
Bangkok province (2)	: Jao-krom-per, Chakkrawad road, Sampanthawong district, Bangkok province.
Bangkok province (3)	: Buan-seaw-toung, Seo pa road, Sampanthawong district, Bangkok province.
Bangkok province (4-a and 4-b)	: Thai-hou-jun, Chakkrawad road, Sampanthawong district, Bangkok province.
Nakhon Pathom province	: Pao-un-toung, Muang district, Nakhon Pathom province.
Chon Buri province	: Srithong O-sot, Ban Boung district, Chon Buri province.
Chanthaburi province	: Ang-kuong-an, Muang district, Chanthaburi province.
Khon Kaen province	: E-sae Pae-sad, Muang district, Khon Kaen province.
Roi Et province	: Kong-leng-toung, Muang district, Roi Et province.
Ubon Ratchathani province	: Yadee O-sot, Muang district, Ubon Ratchathani province.
Surat Thani province	: Peng-an-toung, Takoupa district, Surat Thani province.
Songkhla province (a and b)	: Trai Buri O-sot, Muang district, Songkhla province.

The results of gas chromatogram of volatile oil from reo.

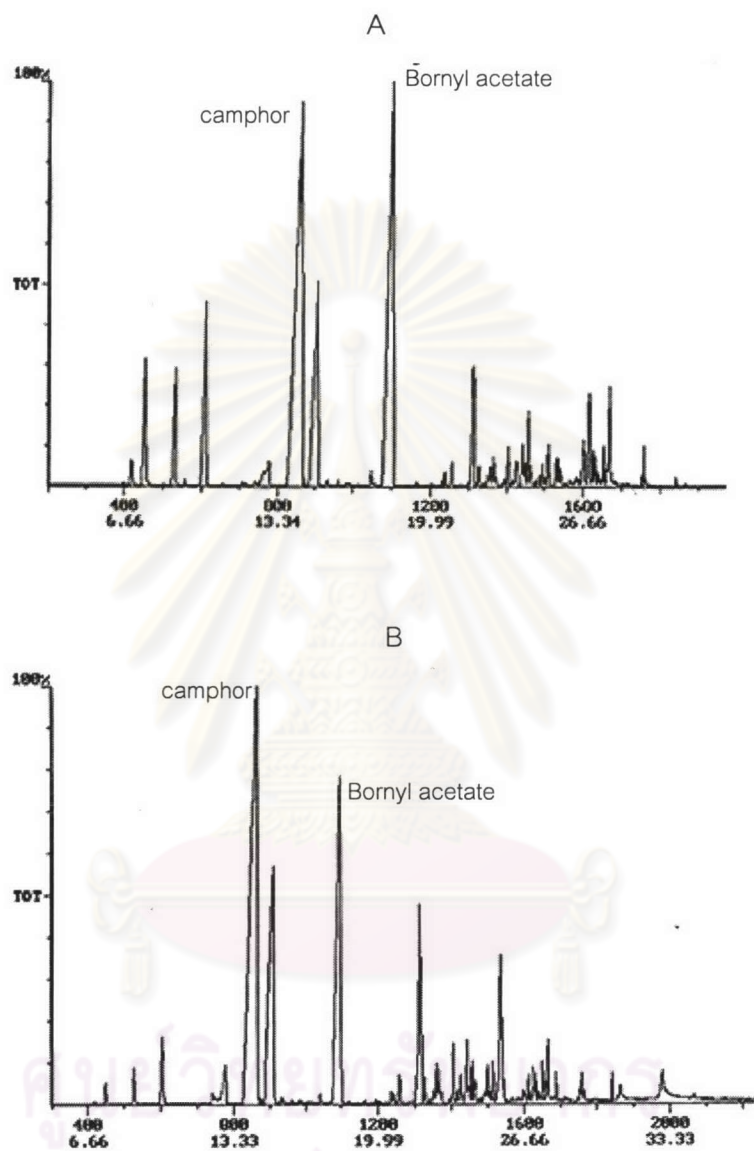


Figure 38 Gas chromatogram of volatile oil from dried seeds of purchased reo from Chiang Mai (1)

A. Steam distillation

B. Supercritical fluid extraction

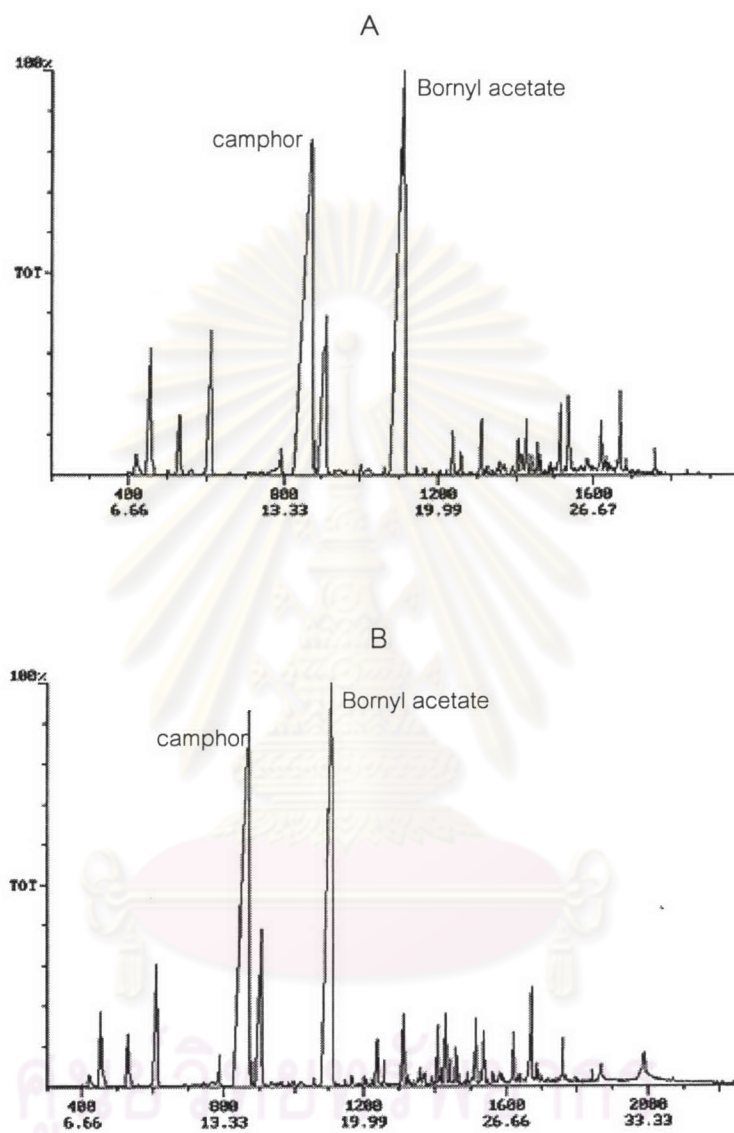


Figure 39 Gas chromatogram of volatile oil from dried seeds
of purchased reo from Chiang Mai (2)

A. Steam distillation

B. Supercritical fluid extraction

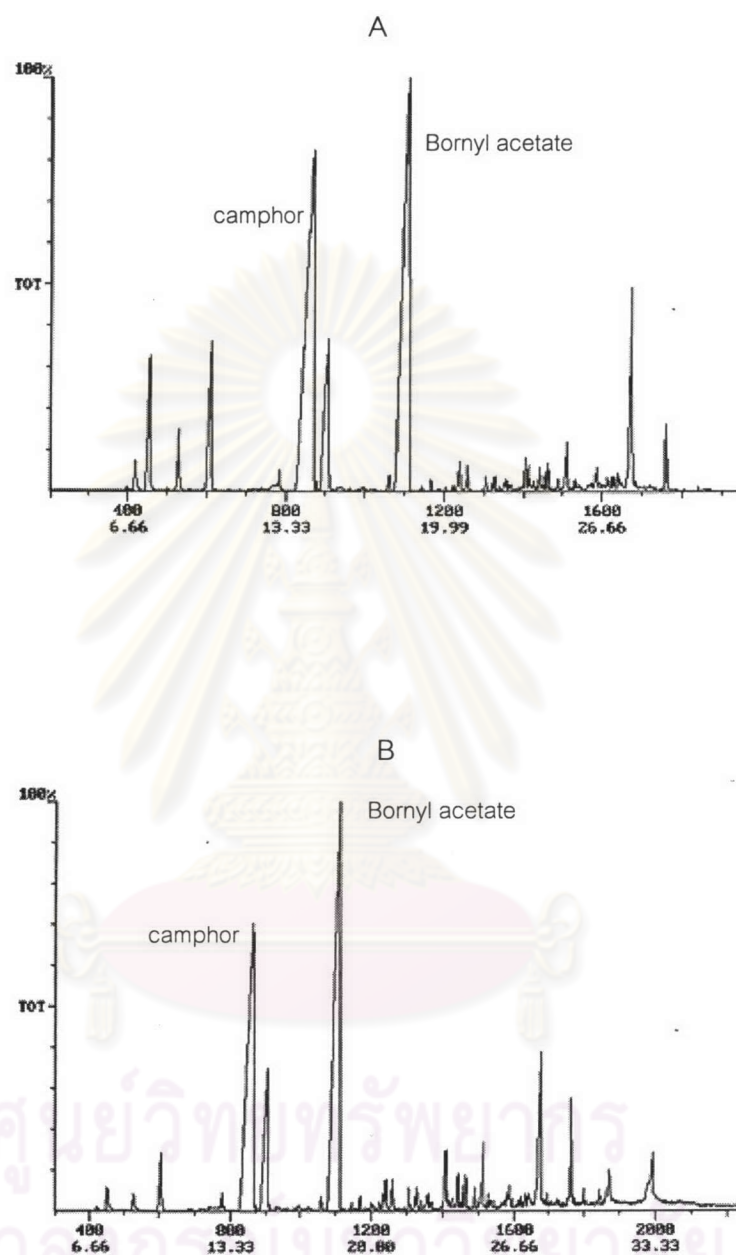


Figure 40 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Sukhothai

A. Steam distillation

B. Supercritical fluid extraction

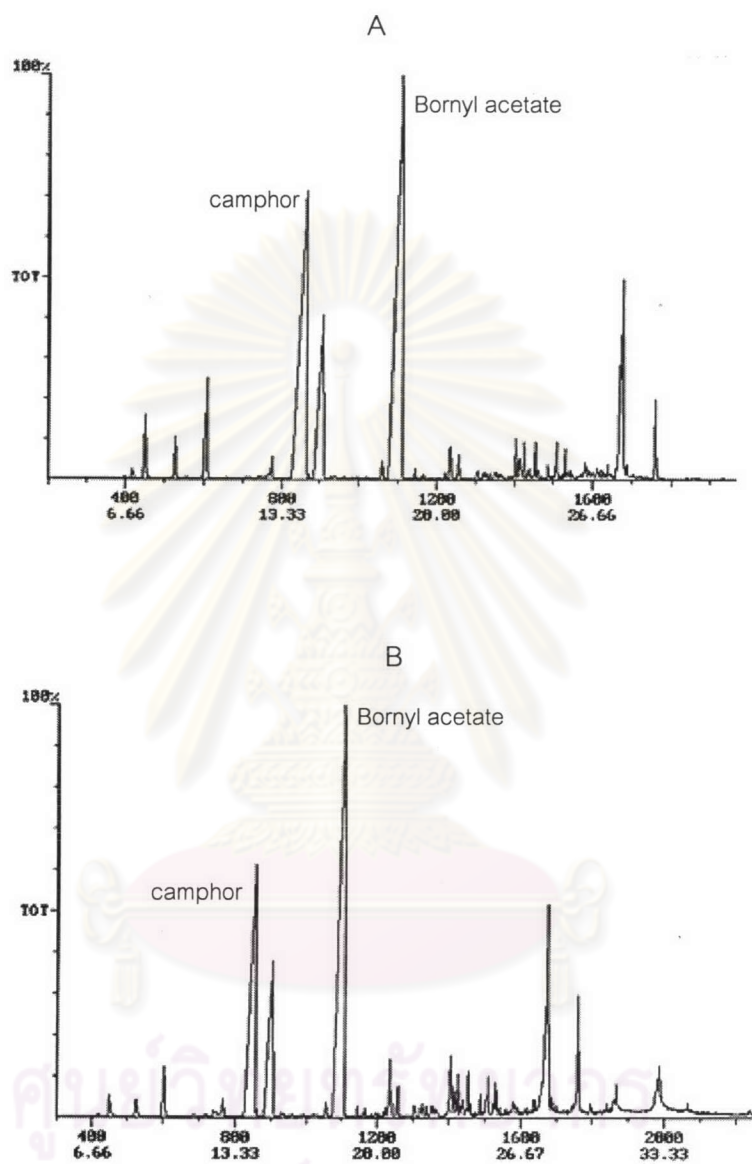


Figure 41 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Bangkok (1)

A. Steam distillation

B. Supercritical fluid extraction

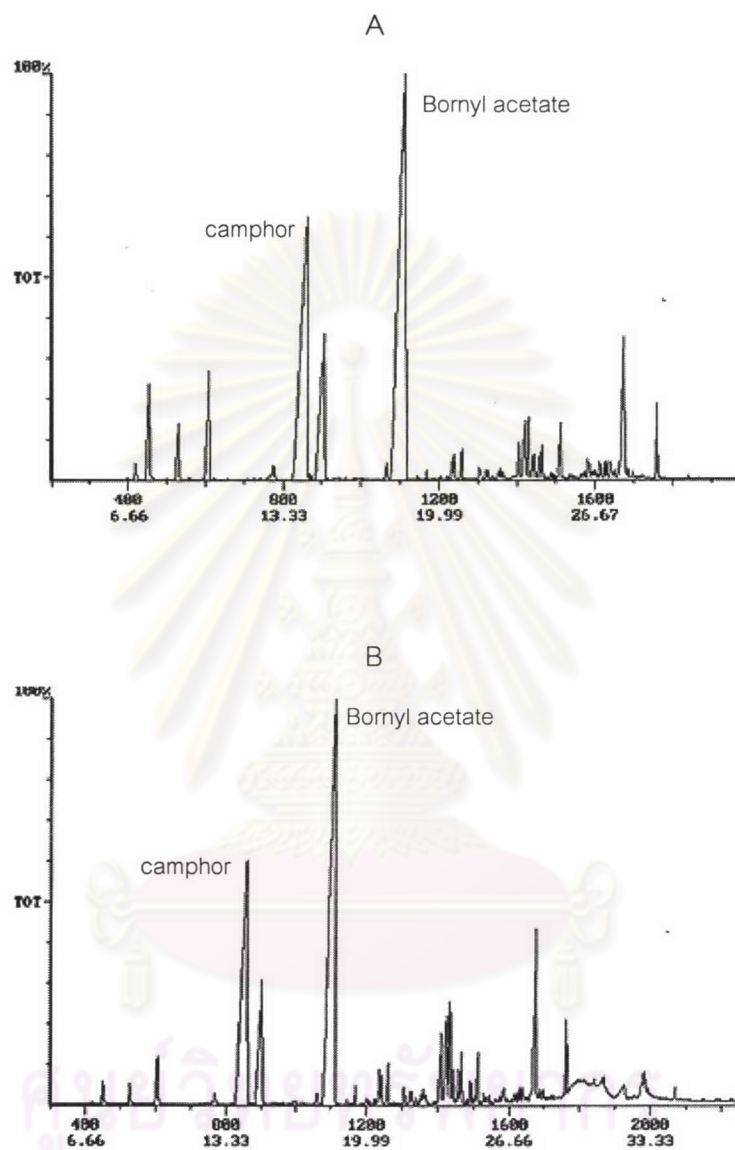


Figure 42 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Bangkok (2)

A. Steam distillation

B. Supercritical fluid extraction

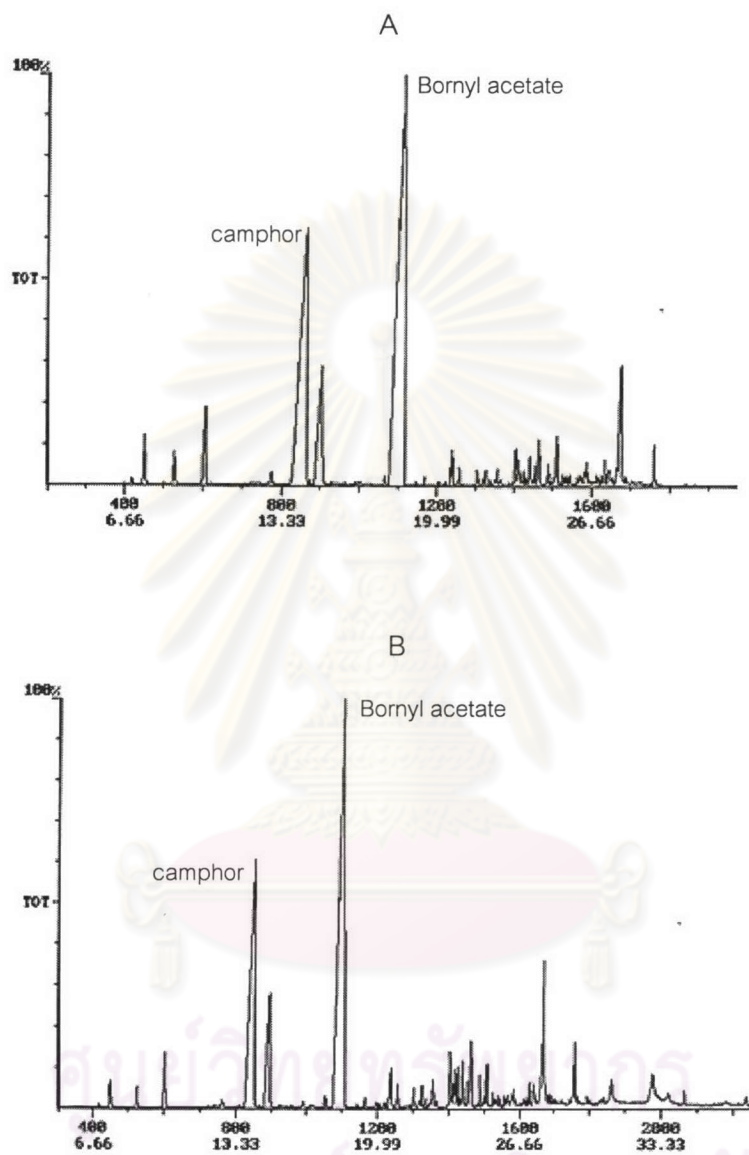


Figure 43 Gas chromatogram of volatile oil from dried seeds of purchased reo from Bangkok (3)

A. Steam distillation

B. Supercritical fluid extraction

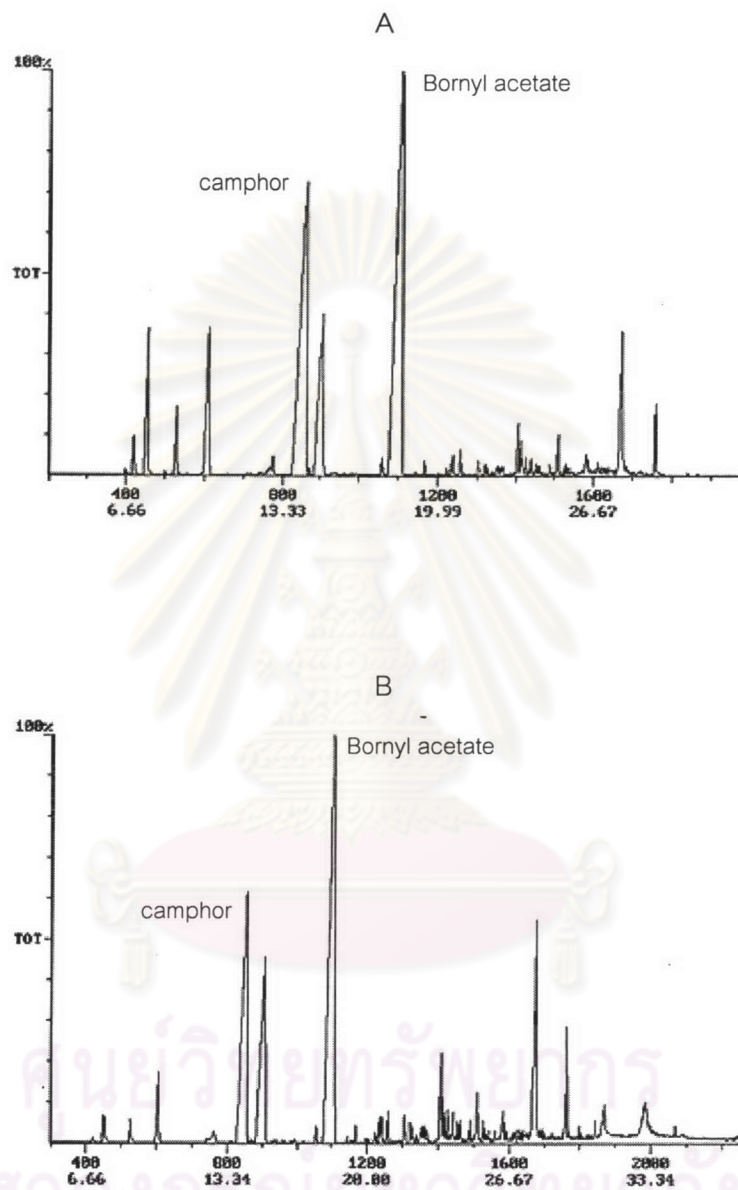


Figure 44 Gas chromatogram of volatile oil from dried seeds of purchased reo from Bangkok (4-a)

A. Steam distillation

B. Supercritical fluid extraction

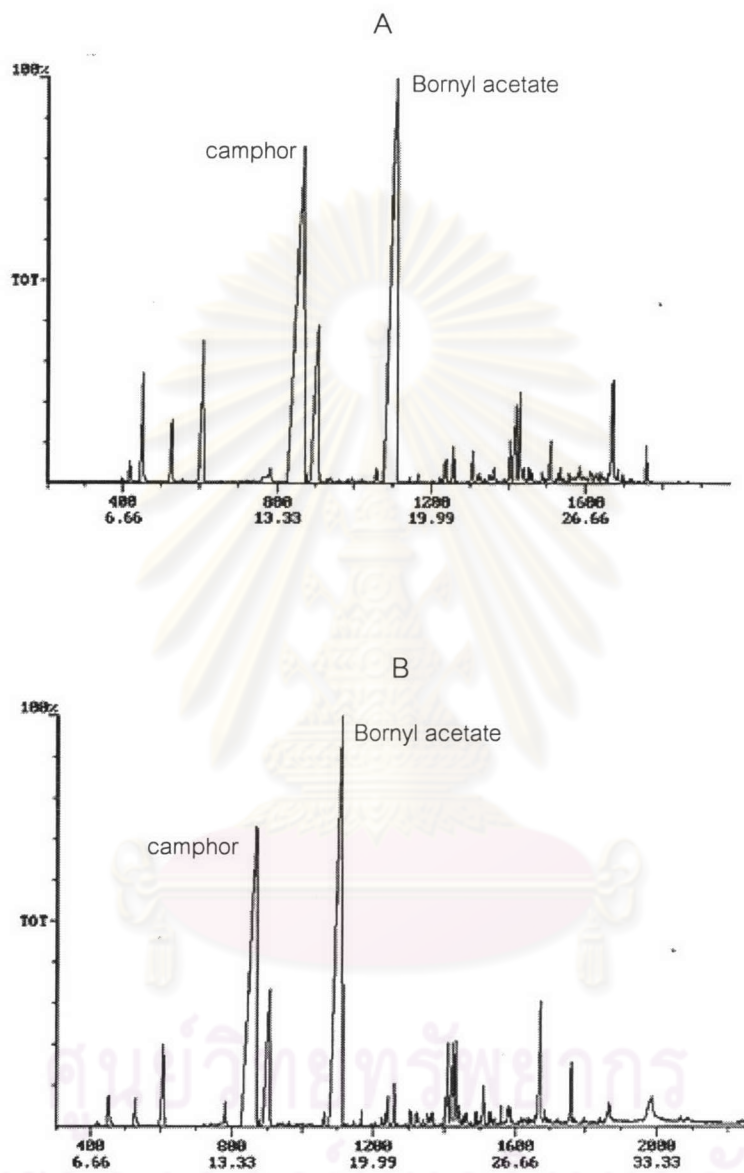


Figure 45 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Nakhon Pathom

A. Steam distillation

B. Supercritical fluid extraction

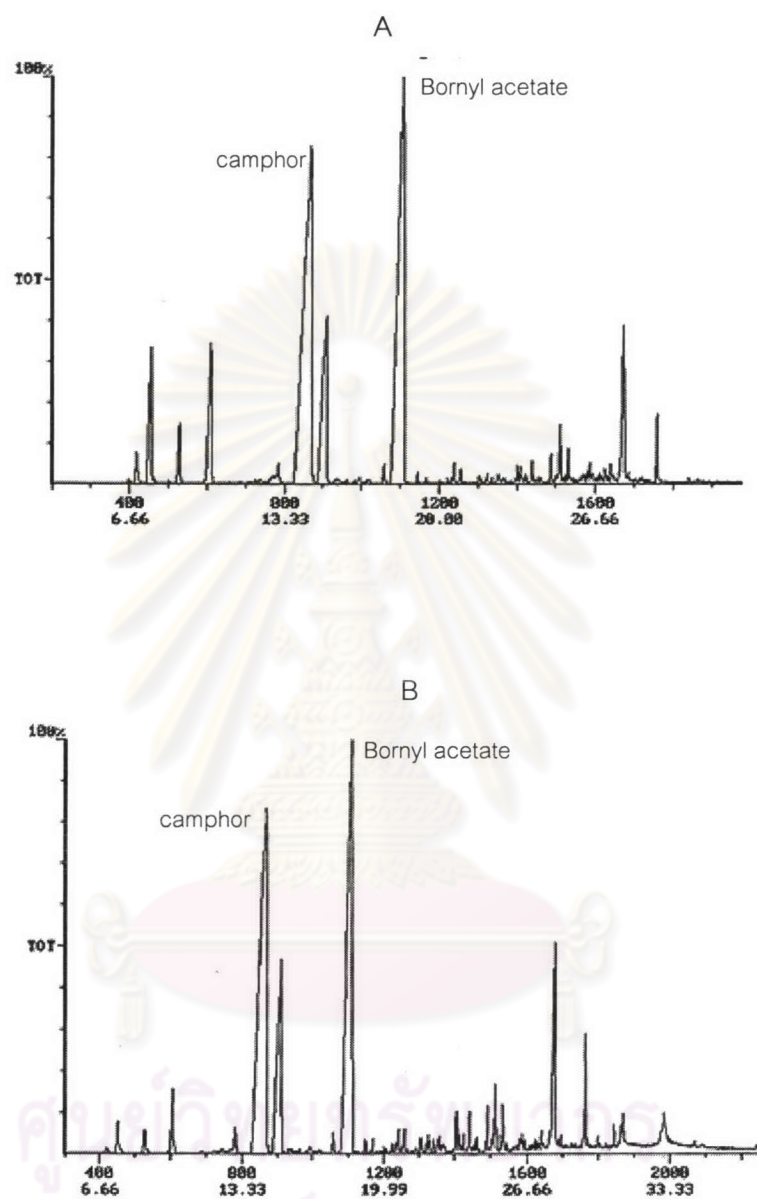


Figure 46 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Chon Buri

A. Steam distillation

B. Supercritical fluid extraction

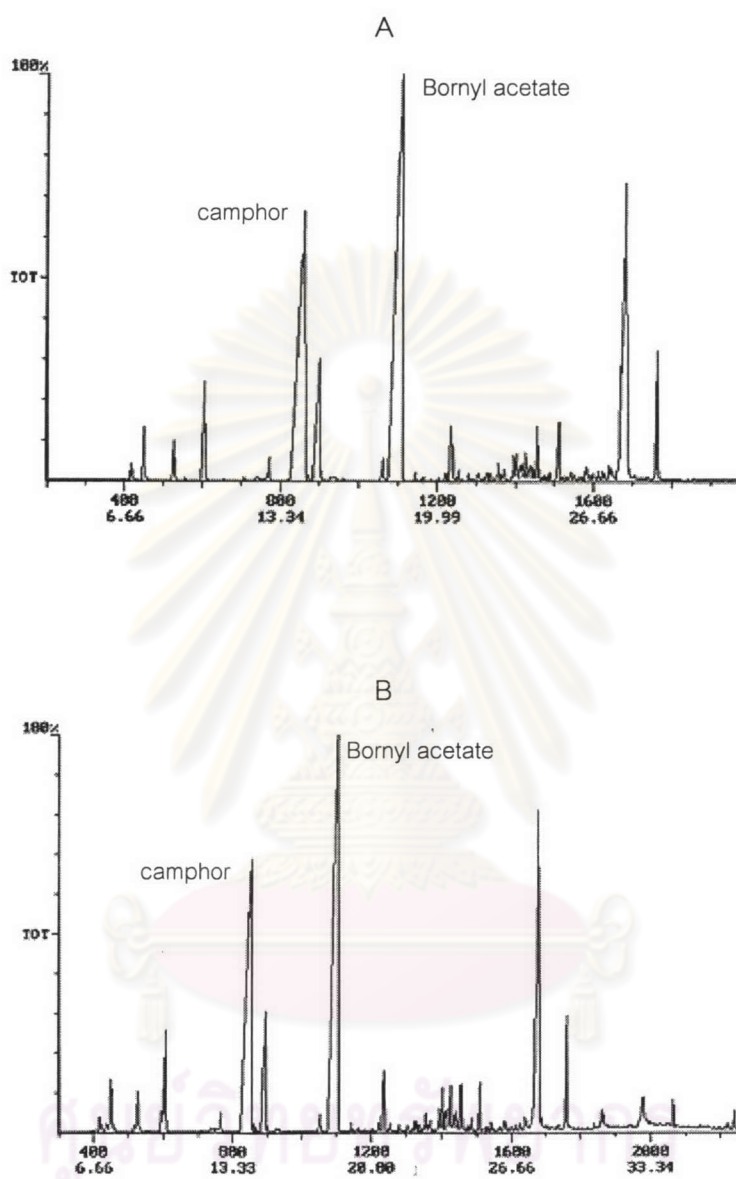


Figure 47 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Chanthaburi

A. Steam distillation

B. Supercritical fluid extraction

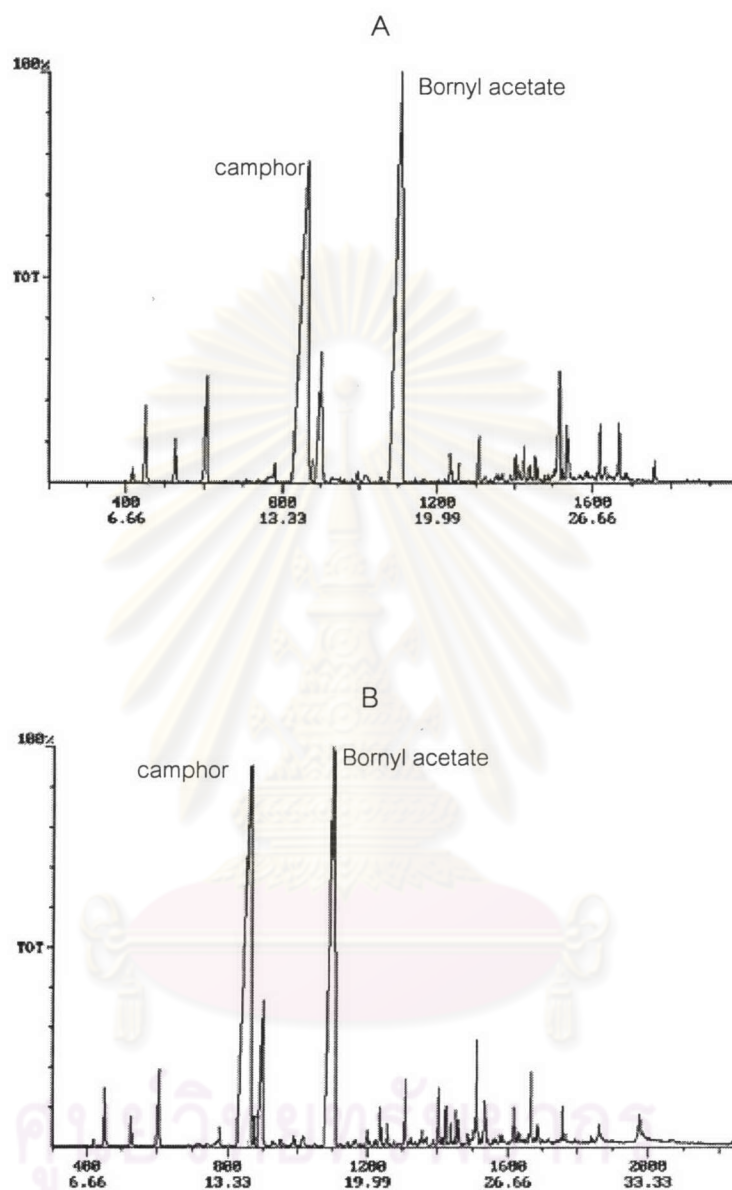


Figure 48 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Khon Kaen

A. Steam distillation

B. Supercritical fluid extraction

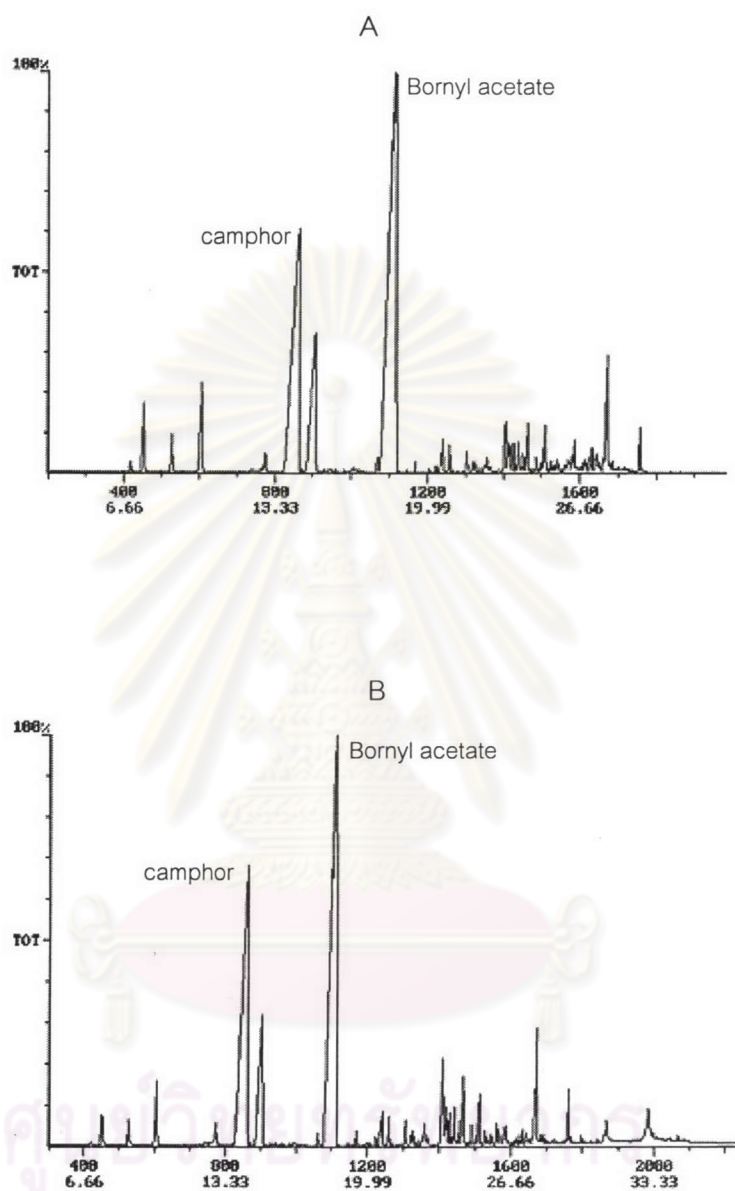


Figure 49 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Roi Et

A. Steam distillation

B. Supercritical fluid extraction

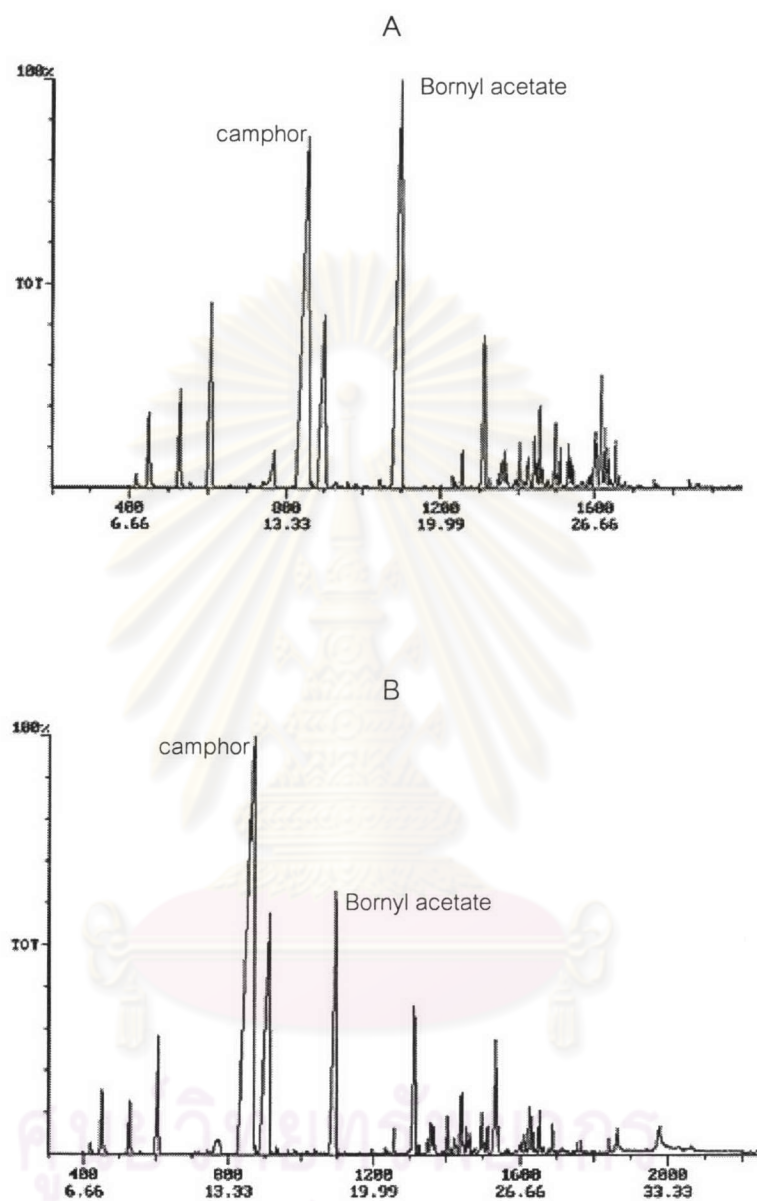


Figure 50 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Ubon Ratchathani

A. Steam distillation

B. Supercritical fluid extraction

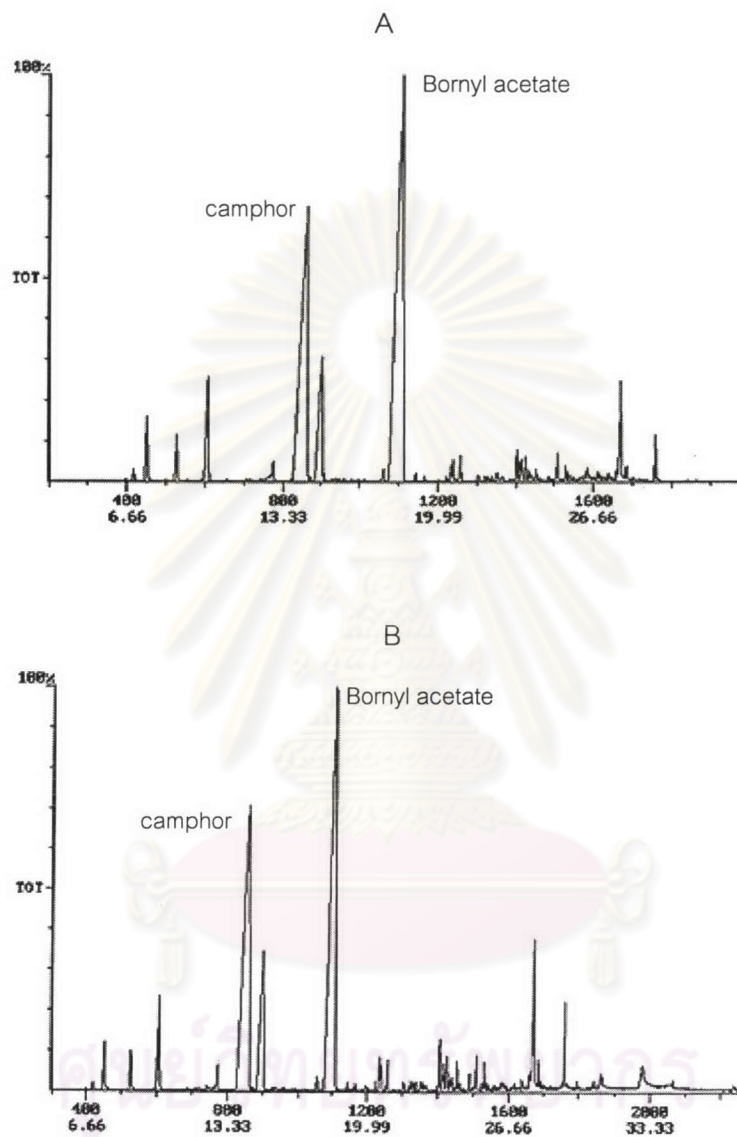


Figure 51 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Surat Thani

A. Steam distillation

B. Supercritical fluid extraction

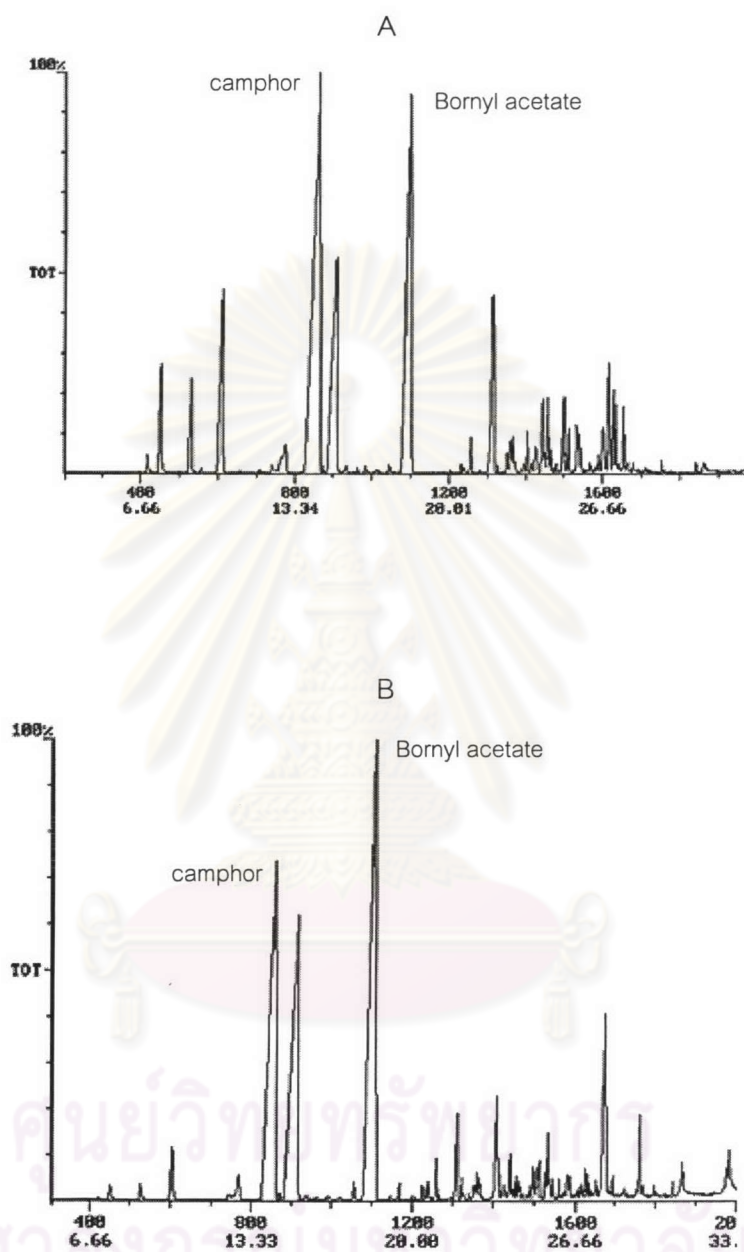


Figure 52 Gas chromatogram of volatile oil from dried seeds

of purchased reo from Songkhla

A. Steam distillation

B. Supercritical fluid extraction

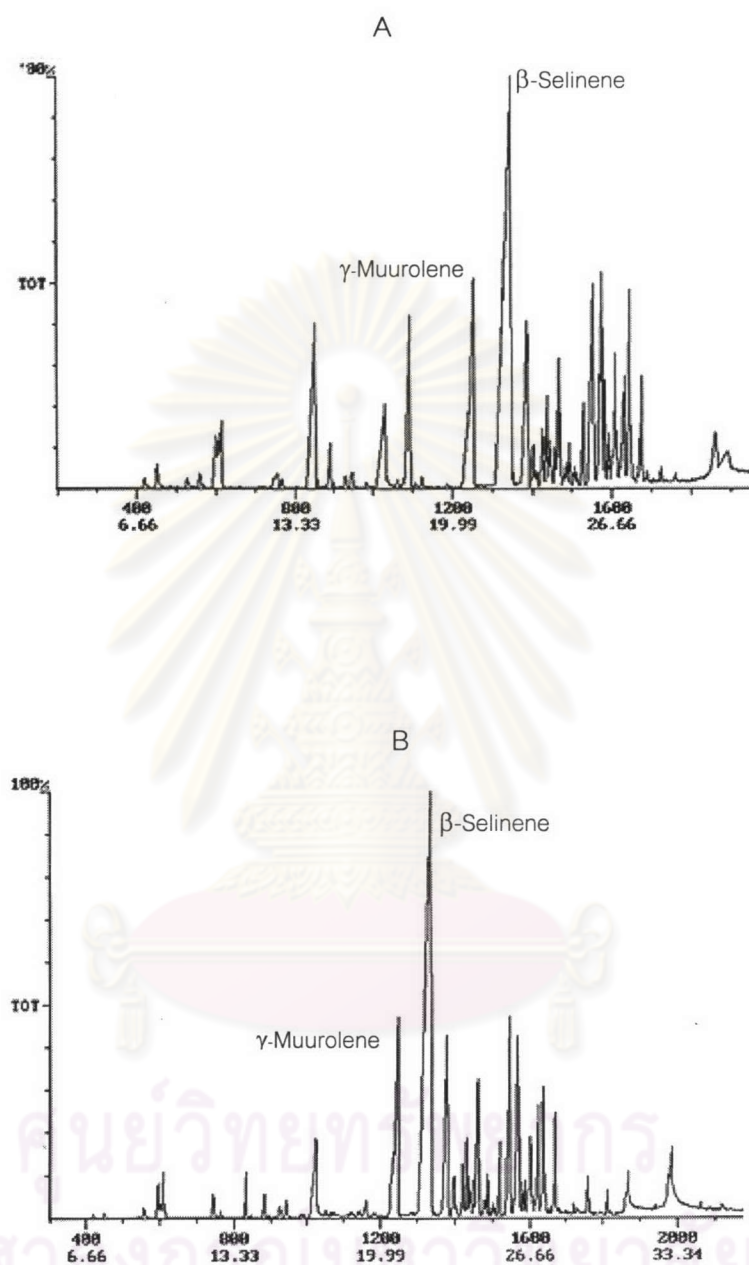


Figure 53 Gas chromatogram of volatile oil from dried seeds of purchased reo from Bangkok province (4-b)

A. Steam distillation

B. Supercritical fluid extraction

VITA

Miss Ruchilak Rattarom was born on September 12, 1974 in Lop Buri. She graduated with a Bachelor Degree of Pharmacy, Khon Kaen University in 1998. She is currently working as a lecturer in Faculty of Pharmacy, Mahasarakham University.



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