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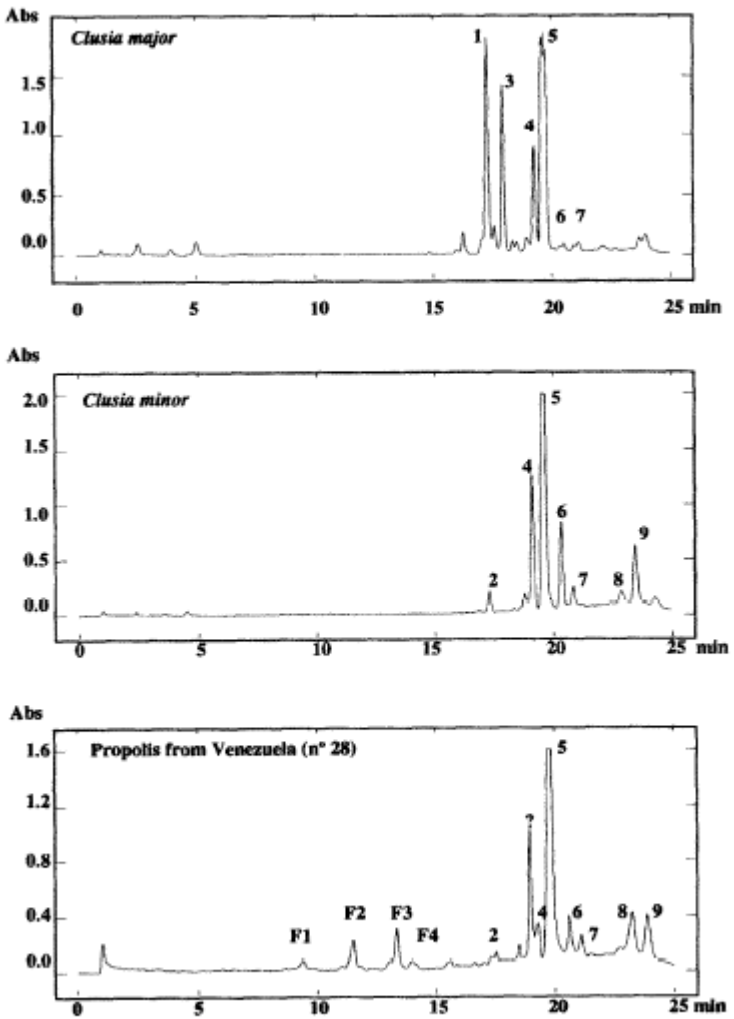

1. HPLC chromatograms of the methanol extracts of *C. major* and *C. minor* flowers resins and from propolis no. 28 collected in Venezuela by *A. mellifera*.

Phytochemistry, Vol. 34, No. 1, pp. 191–196, 1993
Printed in Great Britain.

0031-9422/93 $6.00 + 0.00

PHYTOCHEMICAL EVIDENCE FOR THE BOTANICAL ORIGIN OF TROPICAL PROPOLIS FROM VENEZUELA

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(*Received* 11 *January* 1993)

IN HONOUR OF PROFESSOR JEFFREY HARBORNE'S SIXTY-FIFTH BIRTHDAY

Key Word Index—*Clusia minor*, *C. major*; Guttiferae; *Populus nigra*; Salicaceae; propolis; phenolic compounds; flavonoids; polyprenylated benzophenones; botanical origin; HPLC; chemosystematics.

UNTARGETED METABOLOMICS

UPLC-QTOF

LC-NMR

TARGETED METABOLOMICS

UPLC-QQQ

GC-MS

Research Article

Rapid Communications in Mass Spectrometry

Received: 22 January 2015 Revised: 12 February 2015 Accepted: 25 February 2015 Published online in Wiley Online Library

Rapid Commun. Mass Spectrom. **2015**, *29*, 948–954
(wileyonlinelibrary.com) DOI: 10.1002/rcm.7184

Determination of interglycosidic linkages in *O*-glycosyl flavones by high-performance liquid chromatography/photodiode-array detection coupled to electrospray ionization ion trap mass spectrometry. Its application to *Tetragonula carbonaria* honey from Australia

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Tetragonula carbonaria

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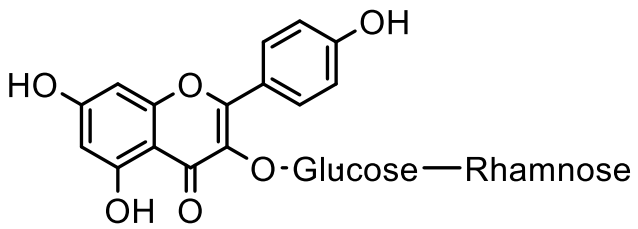
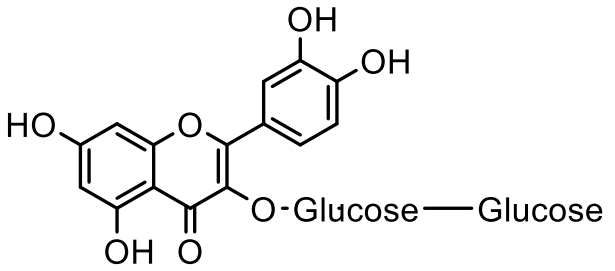
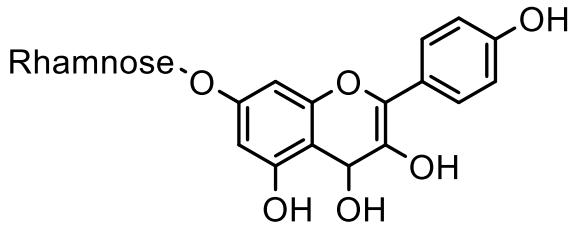


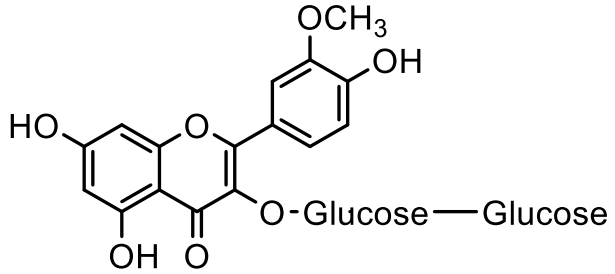
kaempferol 3-*O*-rutinoside



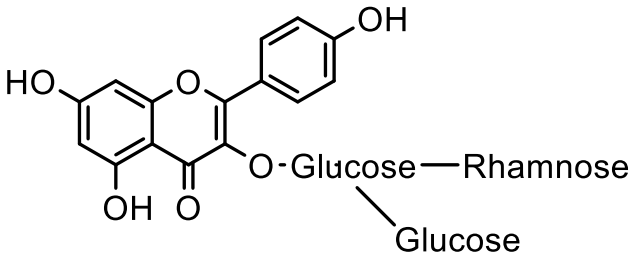
quercetin 3-*O*-dihexoside



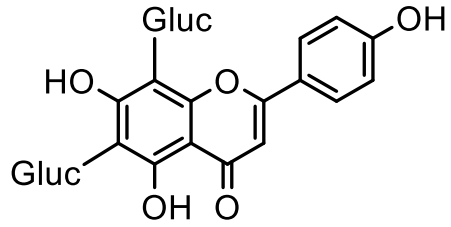
kaempferol 7-*O*-rhamnoside



isorhamnetin 3-*O*-dihexoside



kaempferol 3-*O*-glucosyl-rutinoside



apigenin-6,8,-di-*C*-glucoside

Truchado et al., 2025,
Rapid Commun. Mass Spectrom. 29, 948

Contents lists available at ScienceDirect

Journal of Chromatography A

journal homepage: www.elsevier.com/locate/chroma

Liquid chromatography–tandem mass spectrometry analysis allows the simultaneous characterization of *C*-glycosyl and *O*-glycosyl flavonoids in stingless bee honeys

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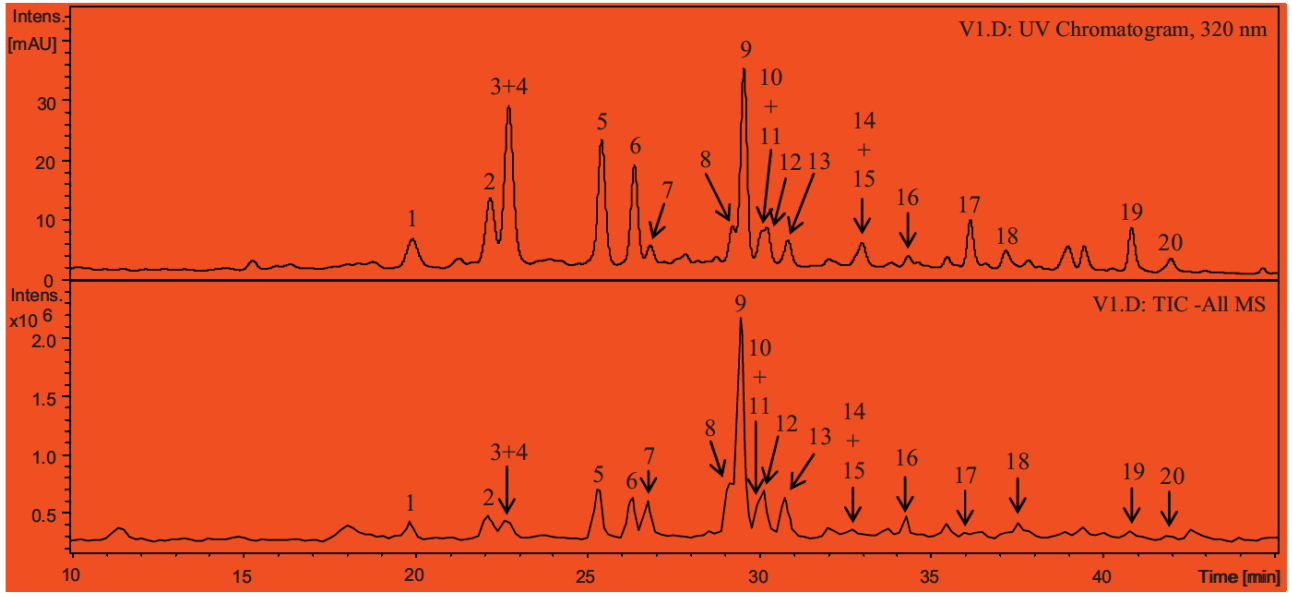

Fig. 1. HPLC-UV chromatogram at 320 nm and TIC MS chromatogram of *Melipona favosa* honey (V1). (**1**) 6,8-di-*C*-hexosyl apigenin; (**2**) 6,8-di-*C*-hexosyl apigenin isomero; (**3**) 6,8-di-*C*-hexoxyl apigenin isomer; (**5**) 6-*C*-pentosyl-8-*C*-hexosyl apigenin; (**6**) 6-*C*-hexosyl-8-*C*-pentosyl apigenin; (**7**) quercetin-3-*O*-(2,6-di-rhamnosyl)hexoside; (**8**) kaempferol-3-*O*-(2-(Hexosyl)rhamnosyl-6-rhamnosyl)hexoside; (**9**) kaempferol-3-*O*-(2,6-dirhamnosyl)hexoside; (**10**) isorhamnetin-3-*O*-(2,6-dirhamnosyl)hexoside

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Funding: AEI Citroxon and Formentera (MINEICO); CDTI Neotec; Agroalnext (EU, Fundación Séneca); EU Primesoft

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