

Supplementary material: Nematicidal Activity of *Stevia rebaudiana* (Bertoni) assisted by Phytochemical Analysis

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Table S1. Characterization of steviol glycosides by HPLC-DAD-ESI/MS.

Compound Name.	t _R (min)	Quantitation ion	Confirmation ion(s)	Mode polarity	Voltage (kV)	Event N°
Rebaudioside A	13.27	965	803	ESI(-)	2	Event 1
Rebaudioside C	14.21	949	787, 641	ESI(-)	1.9	Event 2
Dulcoside A	14.33	625.3	788	ESI(-)	2	Event 3
Stevioside	13.26	803	641, 479.2	ESI(-)	2	Event 4

Table S2. HPLC-PDA-ESI/MS Analytical Method Validation Characteristics.

Analyte	Regression Equation*	Regression coefficient (R ²)	LoD (ng mL ⁻¹)**	ME (%)***	Recovery ±RSD % n = 3		Inter-d precision (RSD % n = 3)	Intra-d-precision (RSD % n = 3)
					40 ng g ⁻¹	400 ng g ⁻¹	40 ng g ⁻¹	40 ng g ⁻¹
Rebaudioside A	y=180.78x+3742.1	0.9988	9	-7.8	77±8	83±9	5.46	7.02
Rebaudioside C	y=105.02x+702.77	0.9999	12	-5.9	90±9	93±14	1.48	1.22
Dulcoside A	y=199.79x-1545.2	0.9991	9	-1.8	83±8	82±10	4.71	2.79
Stevioside	y=226.25x+1518.8	0.9997	9	-7.3	81±7	90±13	4.16	4.02

* Calibration Range 40-2000 (ng/mL), ** LoD, Limit of Detection, *** ME: Matrix Effect.

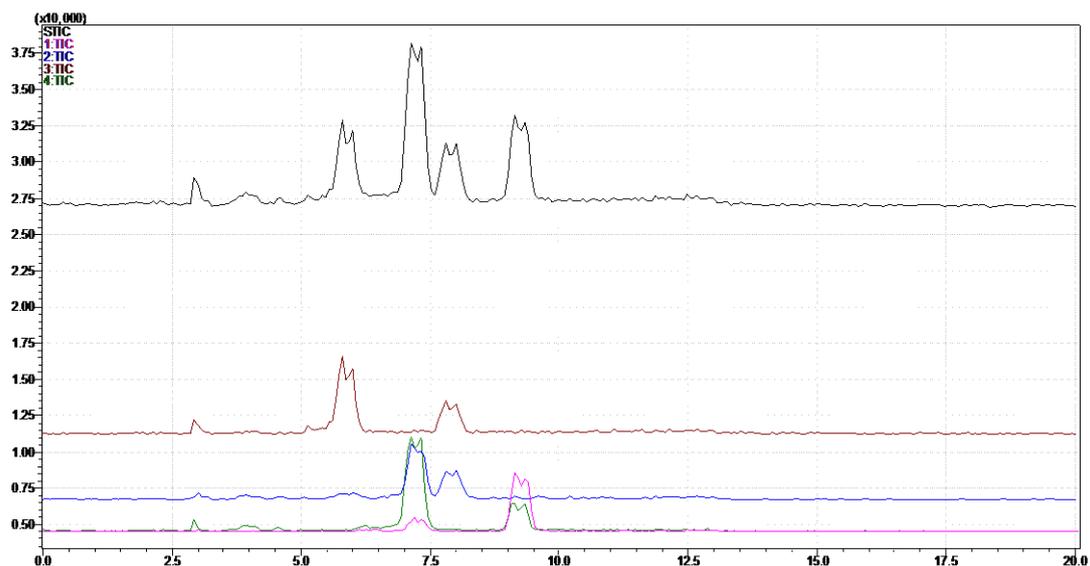


Figure S1. HILIC-PDA-ESI/MS TIC chromatogram (sum and separate TICs) of a standard mix solution (at $2 \mu\text{g mL}^{-1}$) of the four glycosides monitored.

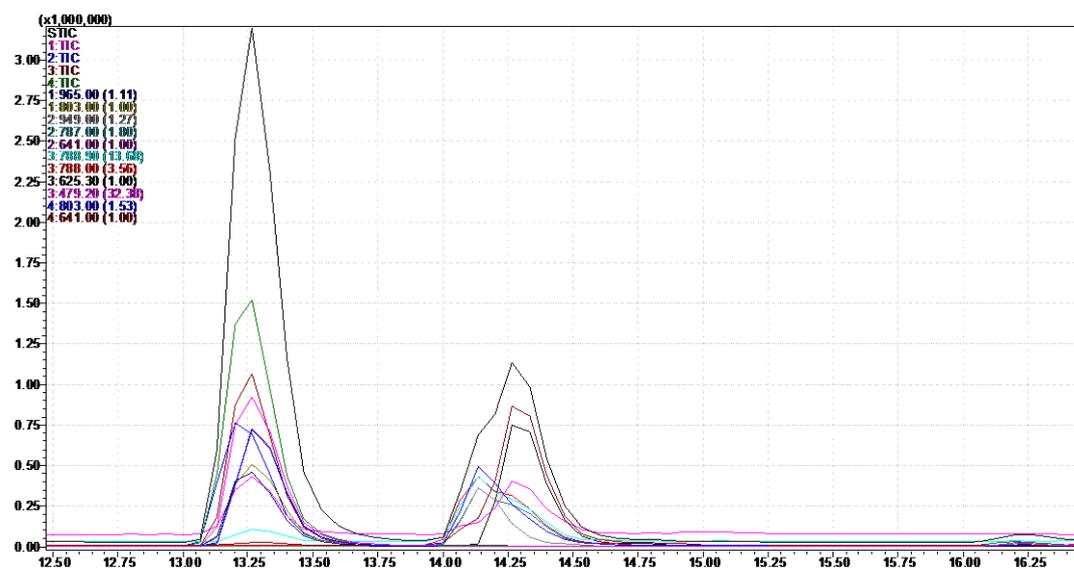


Figure S2. Sum and individual total ion chromatograms (TIC) (including m/z ions) of a standard mix solution (at $2 \mu\text{g mL}^{-1}$) of the four glycosides monitored.

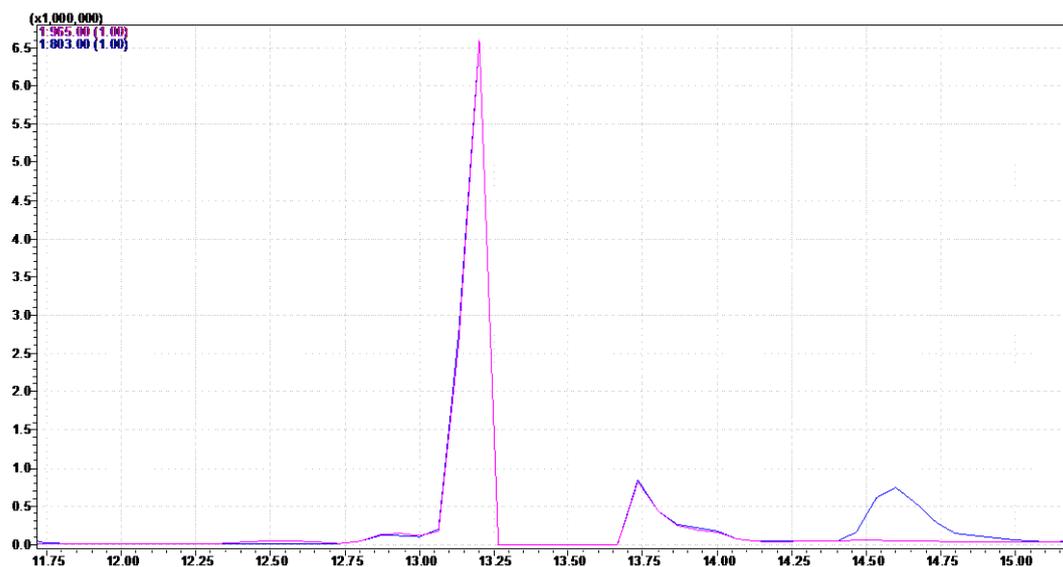


Figure S3. Rebaudioside A detection in the methanolic extract of Stevia leaves (SIM chromatogram).