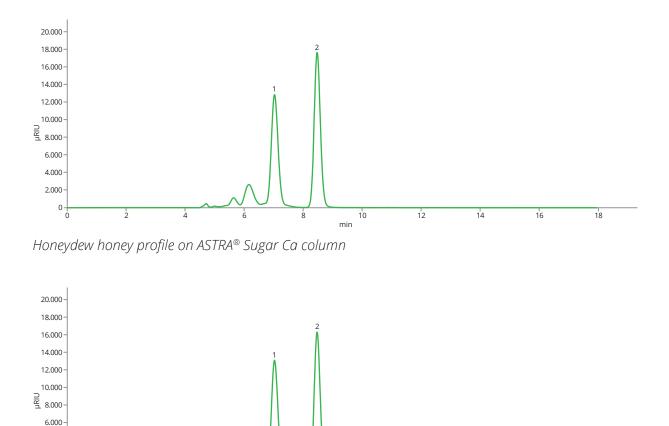


Sugars in honey

Honey has been used since ancient times as a food and in medicine. Its composition is highly variable depending on its botanical and geographical origin. It is mainly composed of a mixture of different sugars, which daily intake should be controlled due to the nutritional reasons. In this application the chromatographic profiles of sugars in several honey varieties are shown.



Forest honey profile on ASTRA® Sugar Ca column

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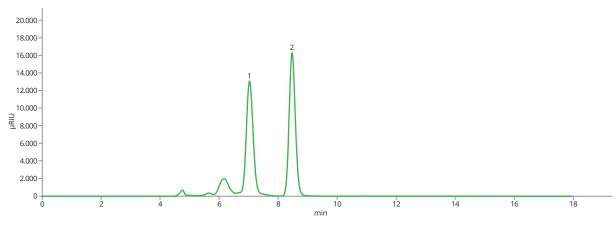
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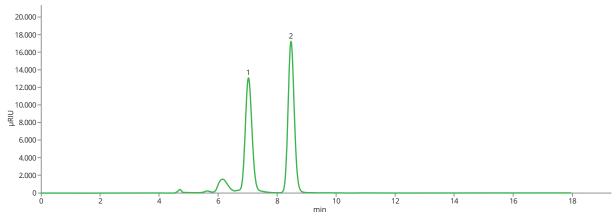
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APPLICATION LIST #552

Sugars in honey



Linden honey profile on ASTRA® Sugar Ca column



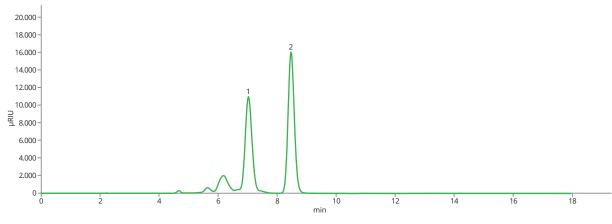
Meadow honey profile on ASTRA® Sugar Ca column

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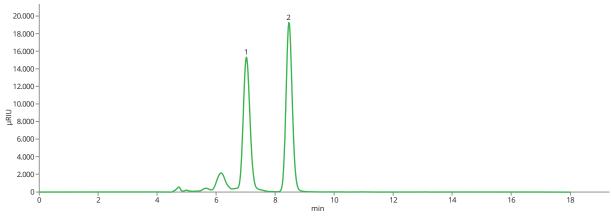
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APPLICATION LIST #552

Sugars in honey



Desert false indigo honey profile on ASTRA® Sugar Ca column



Goldenrod honey profile on ASTRA® Sugar Ca column

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APPLICATION LIST #552

Sugars in honey

Column	ASTRA® Sugar Ca(S), 10 μm
Dimensions	300 mm × 8 mm
Part number	AST-5906-VN80
Mobile phase	100% H ₂ O
Flow rate	1.0 mL/min
Temperature	80 °C
Injection volume	3 μL
Detection	RID (55 °C)
Analytes	1. Glucose, CAS number 2280-44-6
	2. Fructose, CAS number 57-48-7

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Glucose

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