Supporting Information

Development and validation of a cannabinoid quantification method in oil and marijuana by UHPLC-MS

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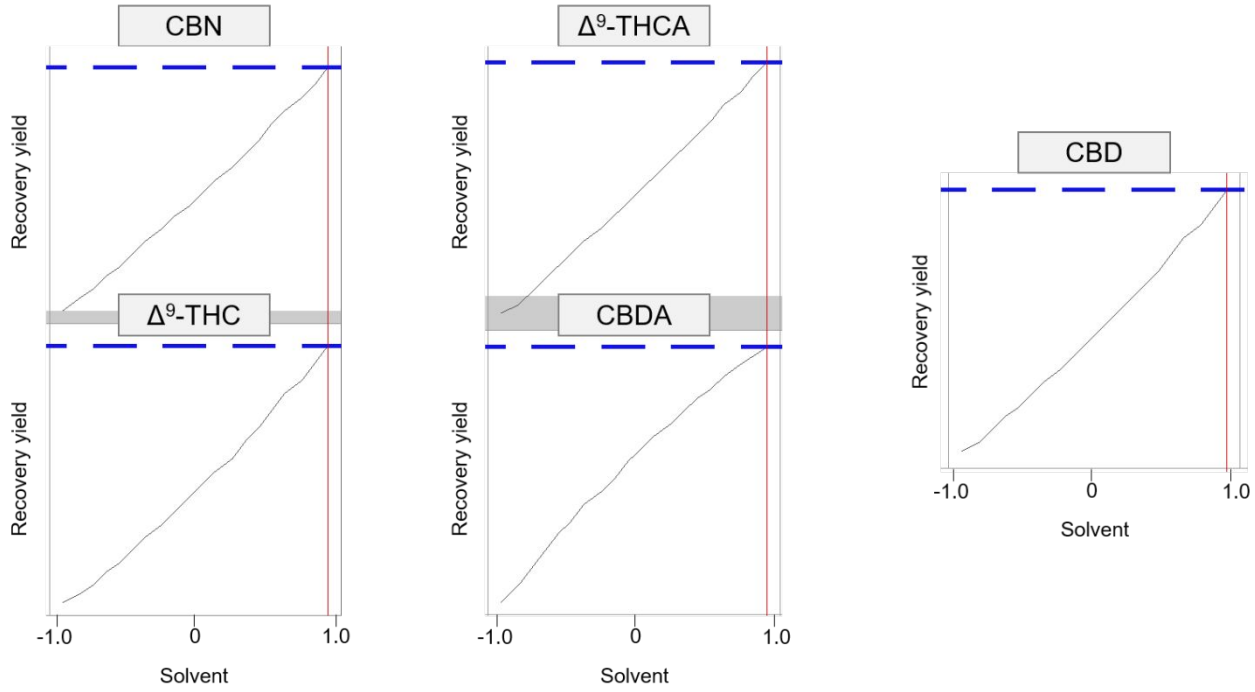

Figure S1. Solvent's response optimizer in oil extraction of all cannabinoids ((-1.0) methanol, (0) ethanol, and (1.0) ethyl acetate). The blue dashed line represents the optimal response value estimated by the model.

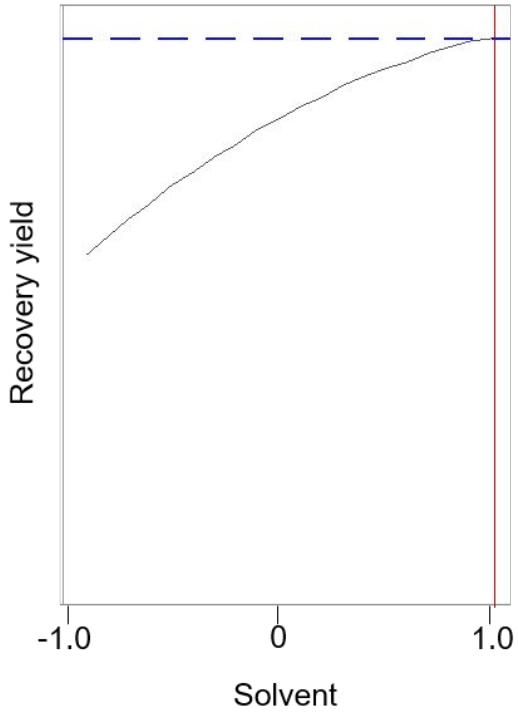

Figure S2. Solvent's response optimizer in marijuana of CBN. (-1.0) methanol, (0) ethanol, and (1.0) ethyl acetate. The blue dashed line represents the optimal response value estimated by the model.

Table S1. Cochran test results.

Cannabinoids	Calculated C	C critical
CBD	0,398	0,561
Δ^9-THC	0,285	0,561
Δ^9-THCA	0,423	0,516
CBDA	0,446	0,561
CBN	0,361	0,561
CBC	0,343	0,561