

## Supporting Information

### Natural Cannabichromene (CBC) Shows Distinct Scalemicity Grades and Enantiomeric Dominance in *Cannabis sativa* Strains

<b>Calibration curves</b>	<b>S1</b>
<b>Chromatogram of cannabinoids standard mixture (RP-UHPLC)</b>	<b>S2</b>
<b>Chromatographic resolutions RP-UHPLC</b>	<b>S3</b>
<b>Chromatograms (UV and CD traces) NP-eHPLC of CBC isolated fractions</b>	<b>S4</b>

# Calibration curves S1

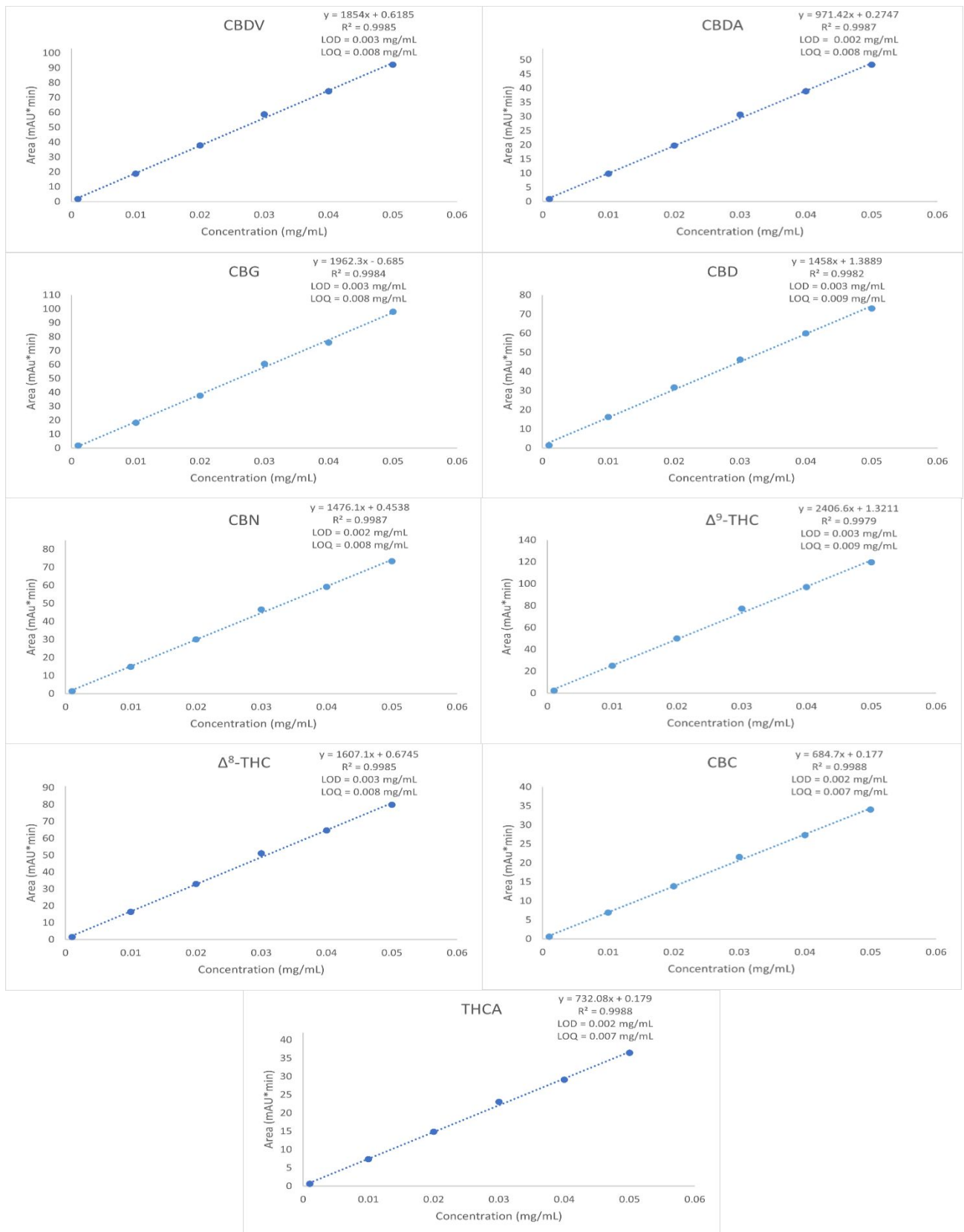
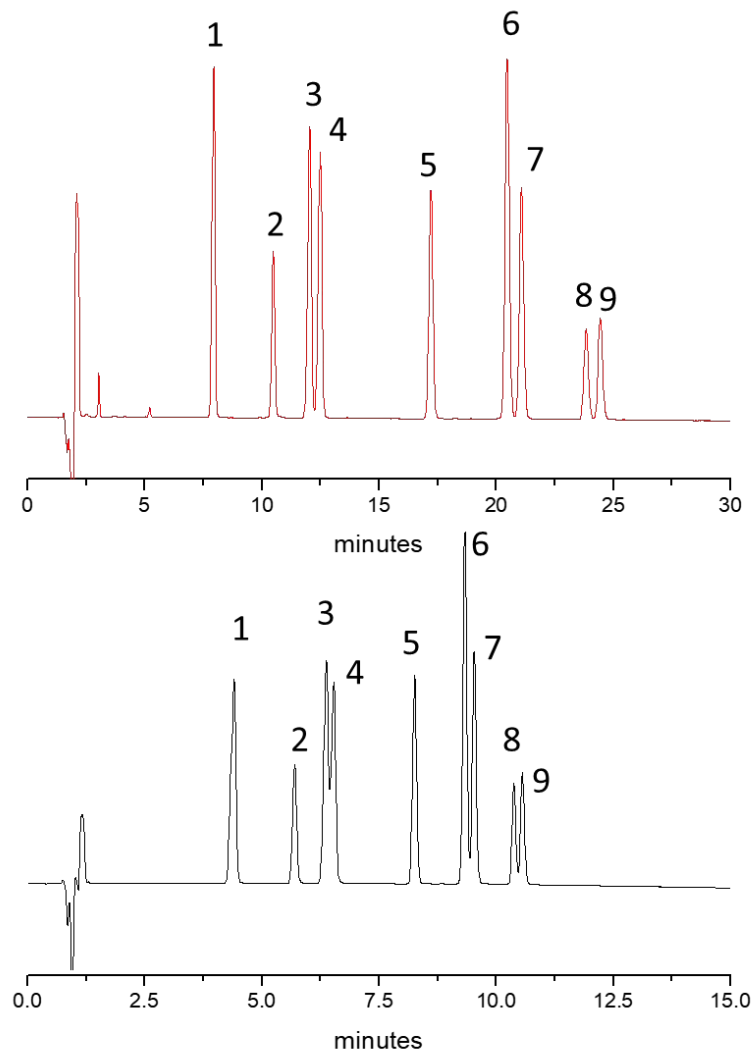


Figure S1. Calibration curves of standard cannabinoids.

## Chromatogram of cannabinoids standard mixture (RP-UHPLC)



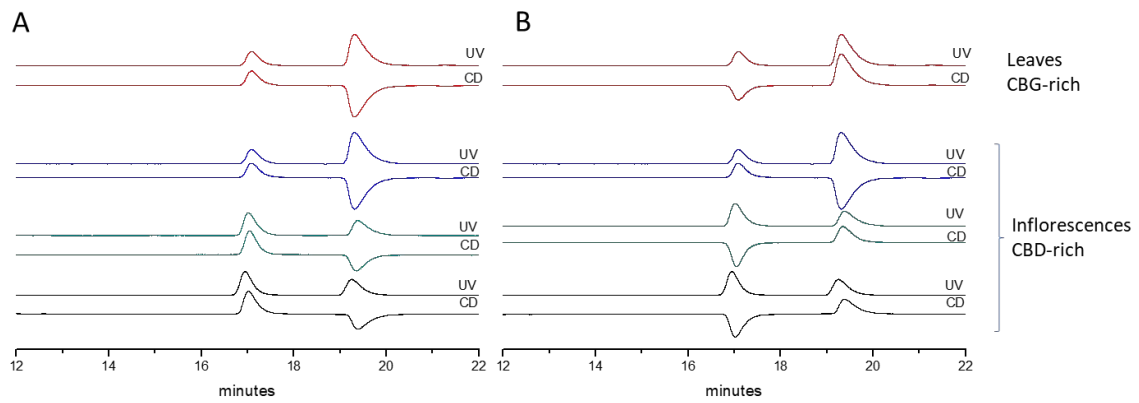
**Figure S2.** Chromatograms of standard cannabinoids mixture: CBDV (1), CBDA (2), CBG (3), CBD (4), CBN (5),  $\Delta^9$ -THC (6),  $\Delta^8$ -THC (7), CBC (8), THCA (9). Top) Elution conditions: two Titan C18 columns in series, flow rate 0.5 mL/min; Down) Elution conditions: one Titan C18 column, flow rate 0.5 mL/min.

## Chromatographic resolutions RP-UHPLC

**Table S1.** Resolution registered for each cannabinoid in the two chromatographic separation conditions.

		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
one Titan C18 column	Resolution	n.a.	6.82	3.72	0.79	9.37	6.73	1.28	5.57	1.21
two Titan C18 columns in series	Resolution	n.a.	10.08	5.69	1.48	15.09	9.92	1.80	7.92	1.69

### Chromatograms (UV and CD traces) NP-eHPLC of CBC isolated fractions



**Figure S3.** Chromatograms on (*S,S*)-WhelkO1 (A) and (*R,R*)-WhelkO1 (B) column of CBC purified fraction from Finola (black-traces), Orange (green-traces), Carmagnola AZ Greenlake (Blue-traces) and OGM1 C37 (red-traces) cultivars. Detection UV and CD at 280 nm.