

**Chemical Composition Investigation and Anti-*Candida* Activity of *Mentha suaveolens* Ehrh. Essential Oils Obtained by Continuous and Fractionated Hydrodistillation and Steam Distillation**

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**Supplementary Material**

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**Tables:**

**Table S1.** Share % of total (up to 24h) yields for each continued extraction.

	1 <sup>st</sup> harvest				2 <sup>nd</sup> harvest			
h <sup>1</sup>	fc-SD <sup>2</sup>	dc-SD <sup>3</sup>	fc-HD <sup>4</sup>	dc-HD <sup>5</sup>	fc-SD	dc-SD	fc-HD	dc-HD
1	26.4915	38.628	14.6985	34.333	15.5085	36.961	27.7723	43.906
2	26.4466	35.825	29.6103	42.139	43.3441	37.117	25.2706	42.188
3	41.5148	28.537	14.4229	44.585	41.8964	26.584	31.4445	47.133
6	33.3333	46.283	18.5218	46.597	49.3941	41.656	35.5808	48.391
24	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

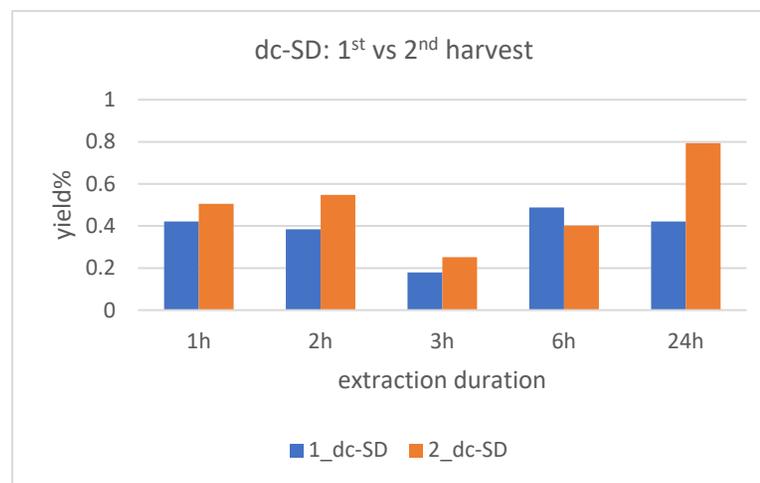
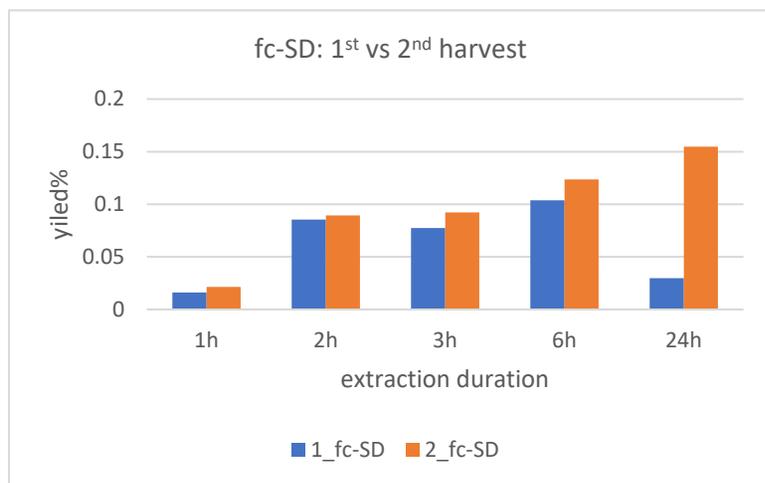
<sup>1</sup> extraction duration; <sup>2</sup> fc-SD = continuous steam distillation on fresh plant; <sup>3</sup> dc-SD = continuous steam distillation on dried plant; <sup>4</sup> fc-HD = continuous hydrodistillation on fresh plant; <sup>5</sup> dc-HD = continuous hydrodistillation on dried plant.

**Table S2.** Share % of total yields over extraction time for the fractionated SDs and HDs on the fresh and dried plant.

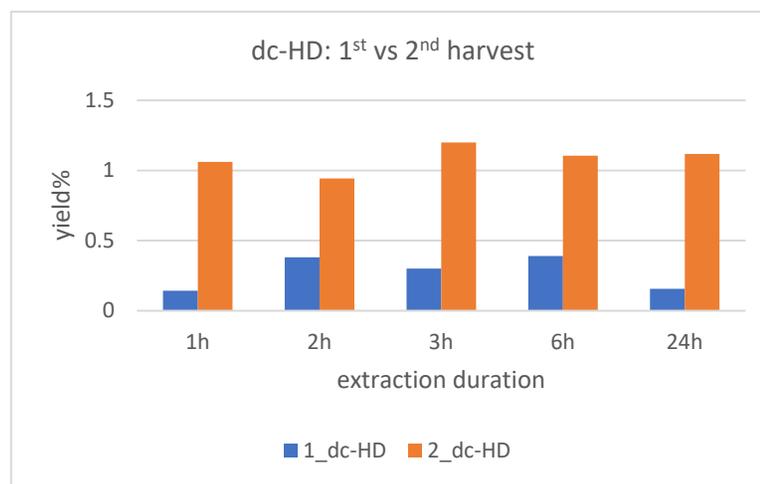
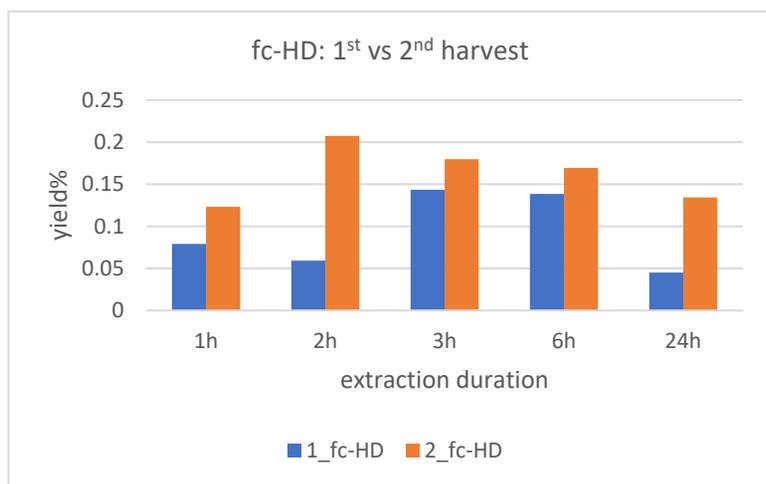
	1 <sup>st</sup> harvest				2 <sup>nd</sup> harvest			
h <sup>1</sup>	ff-SD <sup>2</sup>	df-SD <sup>3</sup>	ff-HD <sup>4</sup>	df-HD <sup>5</sup>	ff-SD	df-SD	ff-HD	df-HD
0-1	15.6915	61.4409	52.4297	83.3489	21.4115	35.4934	43.1048	55.5271
0-2	40.8344	69.8663	73.6670	88.8827	45.9733	43.4064	63.8588	71.8449
0-3	55.8557	71.9192	83.3616	91.9925	59.1020	52.8609	75.1298	76.5939
0-6	86.0368	83.6293	98.7700	94.3486	80.2329	68.1115	85.2230	89.5976
0-24	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

<sup>1</sup> extraction hour/interval; <sup>2</sup> ff-SD = fractionated steam distillation on fresh plant; <sup>3</sup> df-SD = fractionated steam distillation on dried plant; <sup>4</sup> ff-HD = fractionated hydrodistillation on fresh plant; <sup>5</sup> df-HD = fractionated hydrodistillation on dried plant.

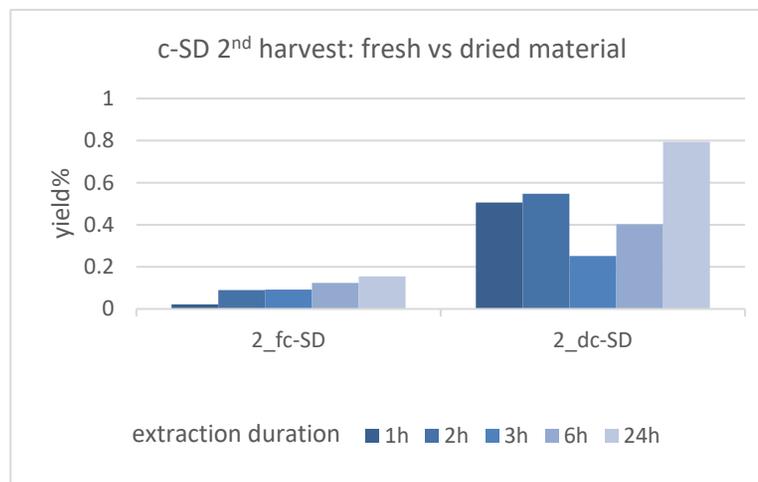
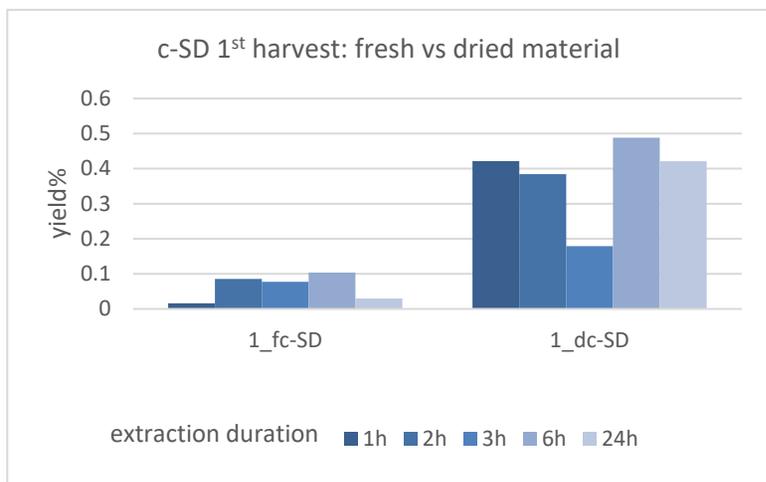
**Figures:**



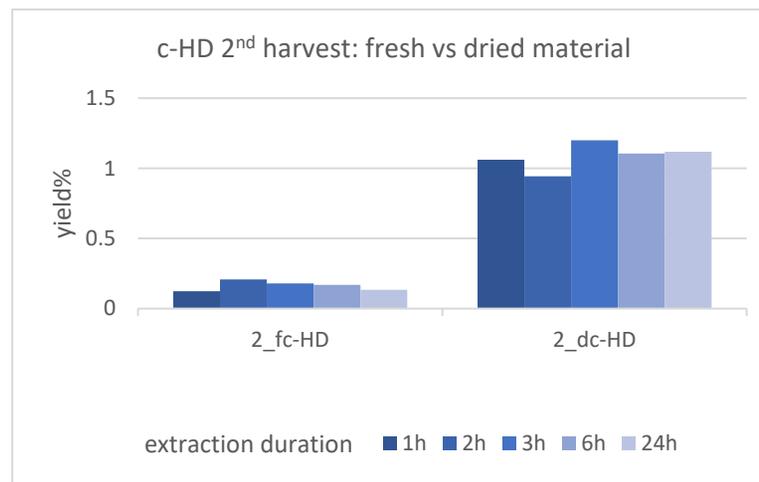
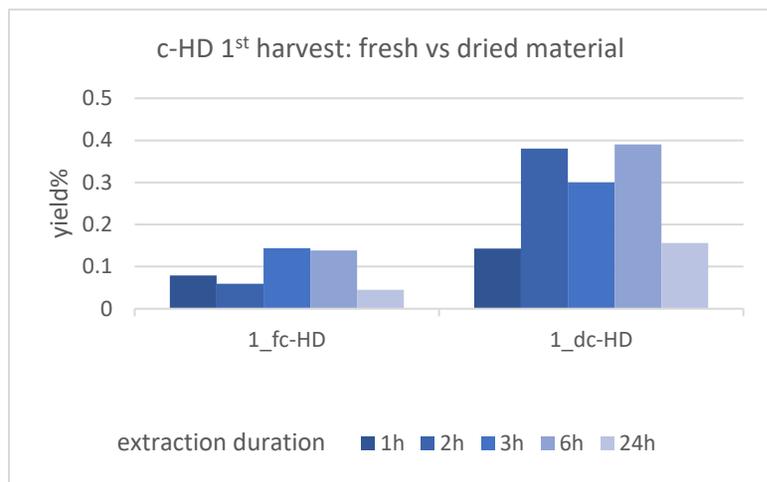
**Figure S1.** Yields% for continued steam distillation: fresh (left) and dried (right) material, comparison between 1<sup>st</sup> and 2<sup>nd</sup> harvest.



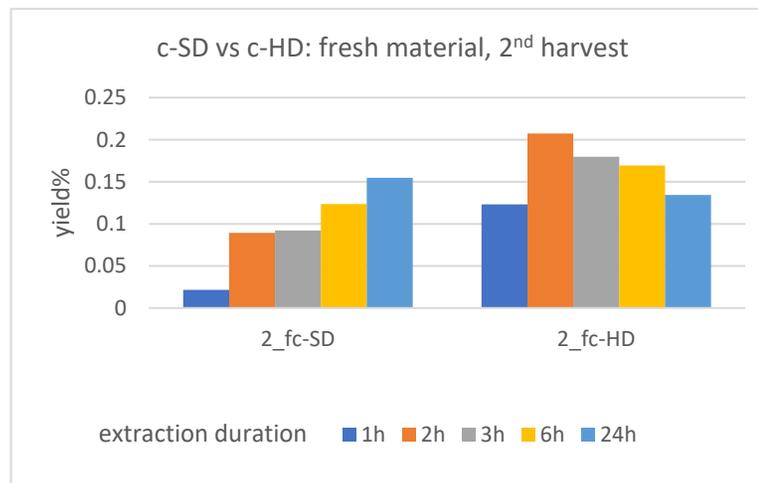
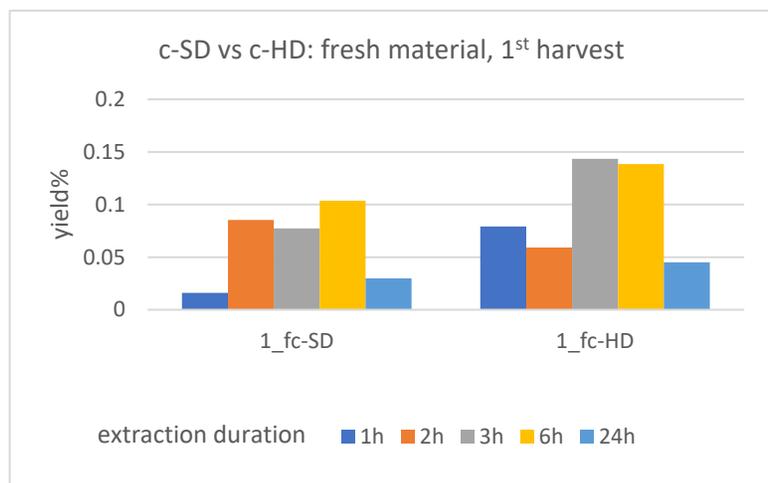
**Figure S2.** Yields% for continued hydrodistillation: fresh (left) and dried (right) material, comparison between 1<sup>st</sup> and 2<sup>nd</sup> harvest.



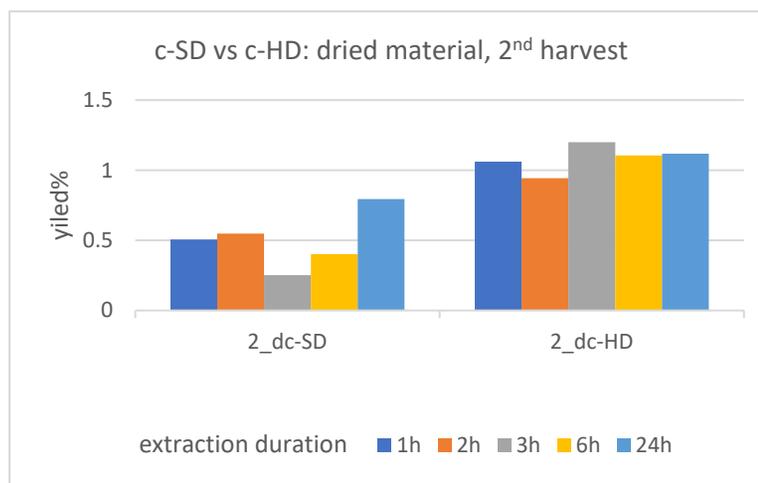
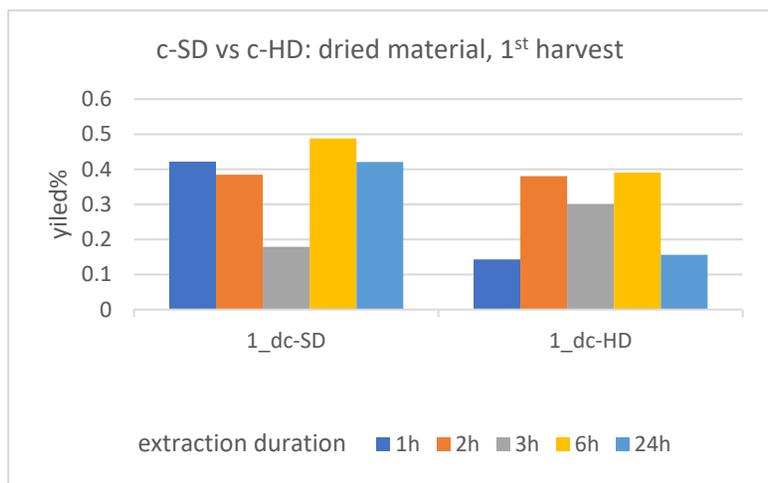
**Figure S3.** Yield comparison of each extraction between fresh and dried materials: continued steam distillation, 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest.



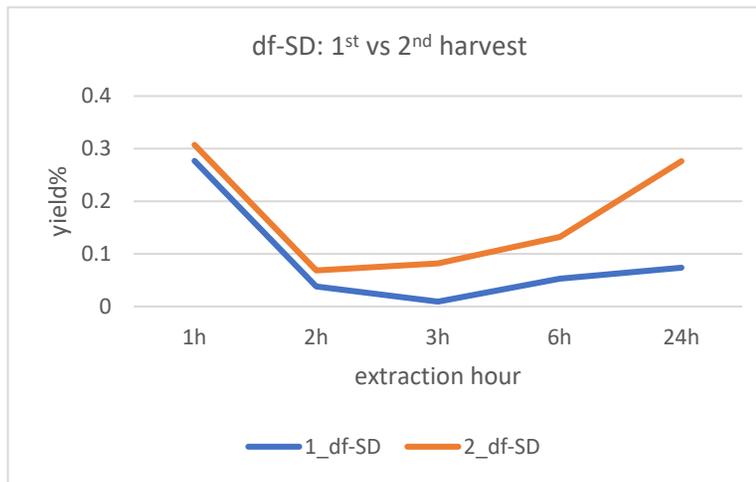
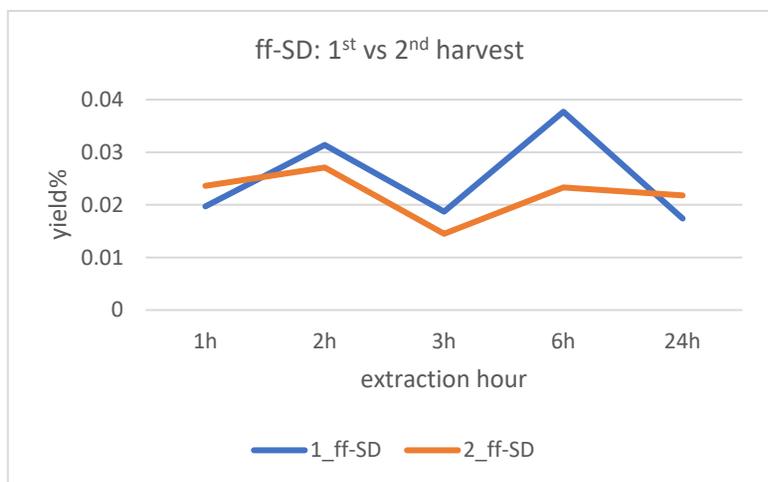
**Figure S4.** Yield comparison of each extraction between fresh and dried materials: continued hydrodistillation, 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest.



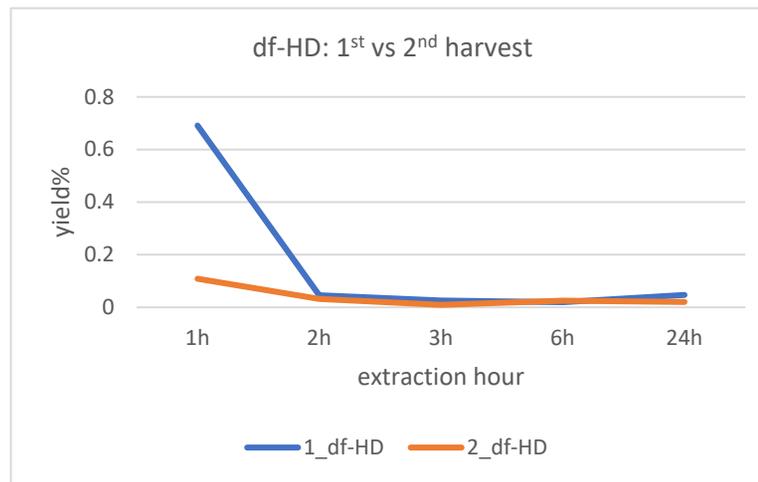
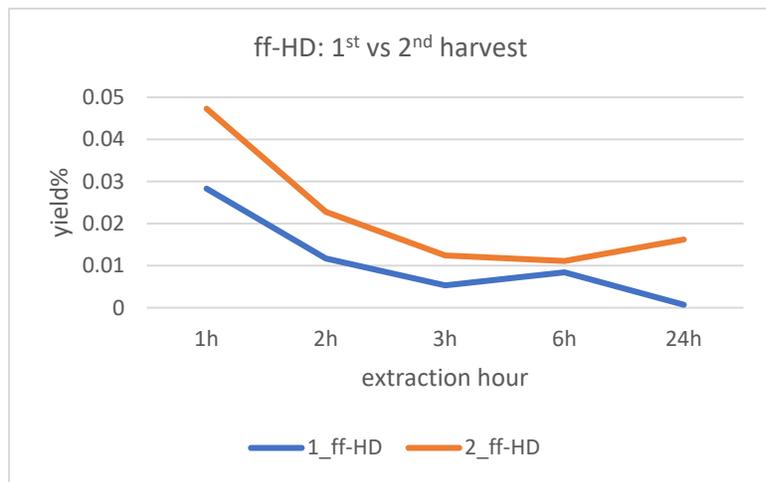
**Figure S5.** Comparison of the yields between continued steam and hydrodistillations: 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest, fresh material.



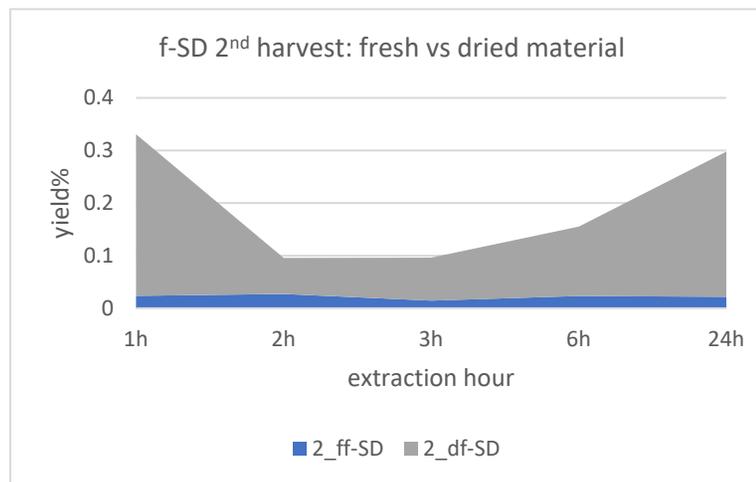
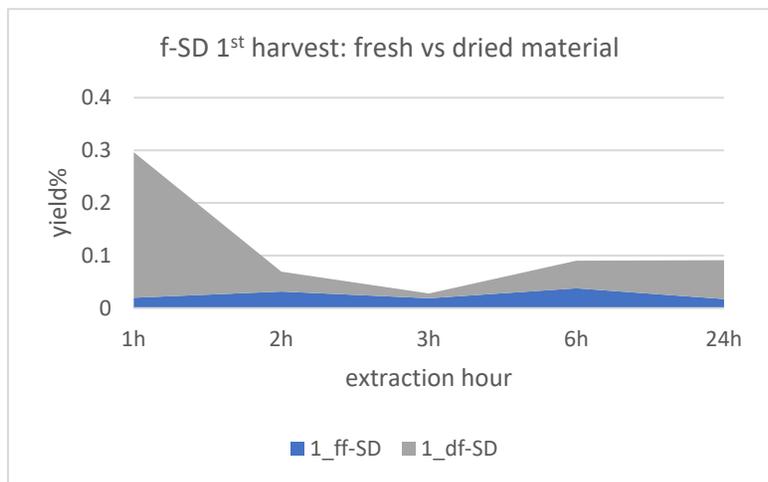
**Figure S6.** Comparison of the yields between continued steam and hydrodistillations: 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest, dried material.



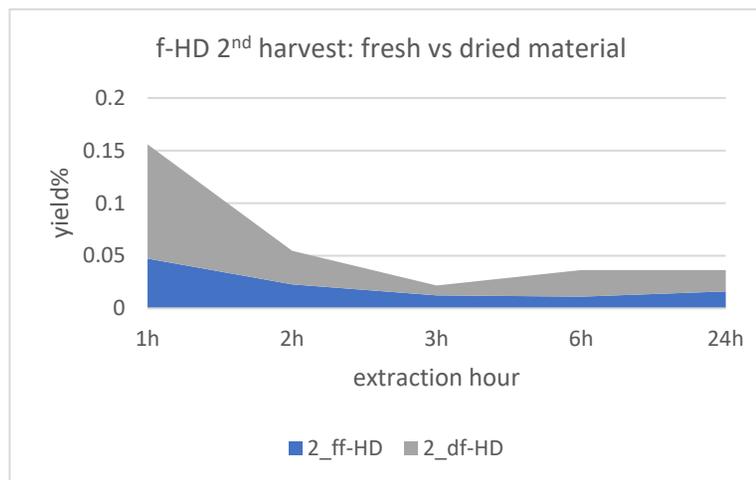
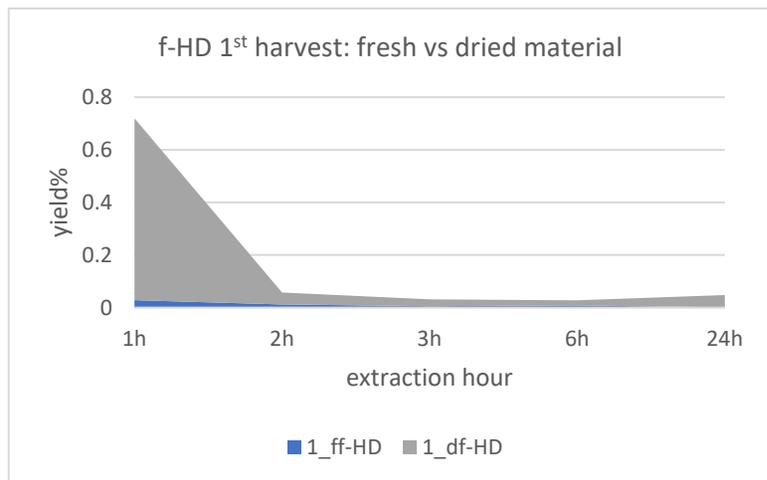
**Figure S7.** Comparison of the yields over the time between 1<sup>st</sup> and 2<sup>nd</sup> harvest: fractionated steam distillation, fresh (left) and dried (right) material.



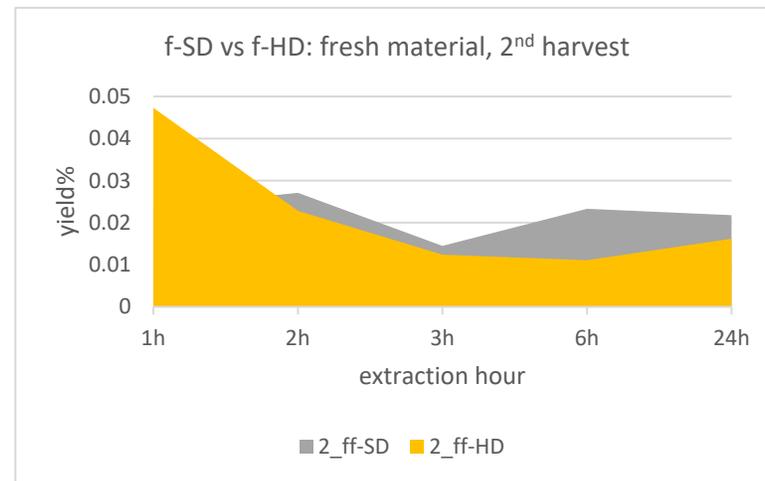
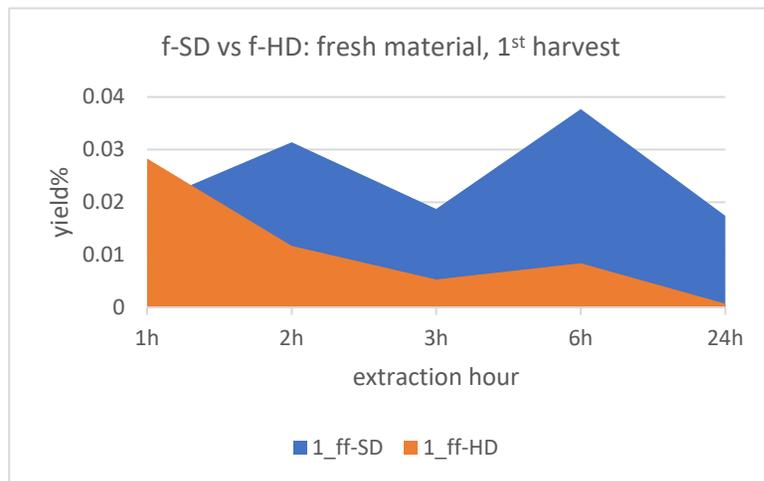
**Figure S8.** Comparison of the yields over the time between 1<sup>st</sup> and 2<sup>nd</sup> harvest: fractionated hydrodistillation, fresh (left) and dried (right) material.



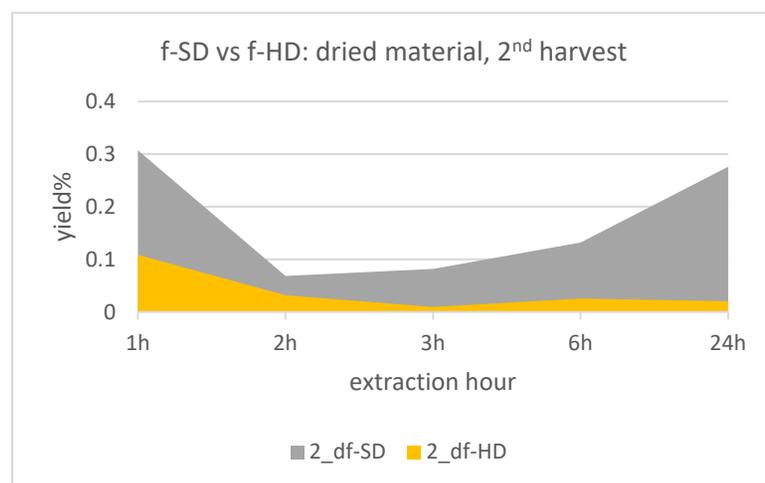
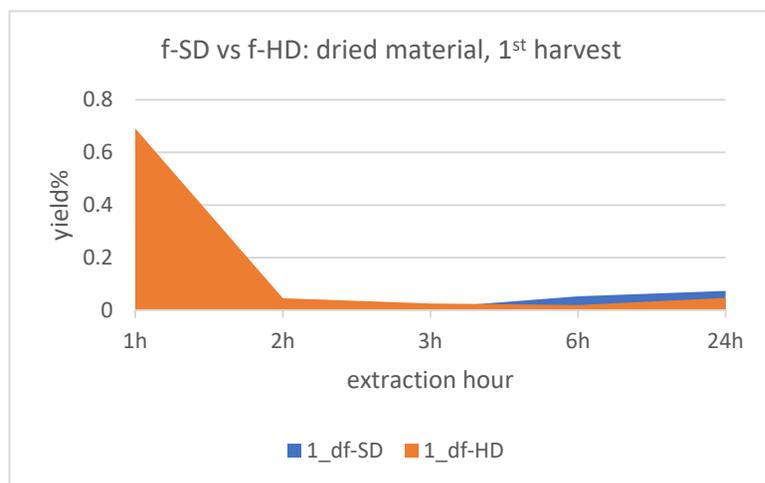
**Figure S9.** Comparison of the yields over the time between fresh and dried materials: fractionated steam distillation, 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest.



**Figure S10.** Comparison of the yields over the time between fresh and dried materials: fractionated hydrodistillation, 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest.



**Figure S11.** Comparison of the yields over the time between fractionated steam and hydrodistillations: 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest, fresh material.



**Figure S12.** Comparison of the yields over the time between fractionated steam and hydrodistillations: 1<sup>st</sup> (left) and 2<sup>nd</sup> (right) harvest, dried material.