

- 1 **Supplementary Table 1.** $\delta^{13}\text{C}$ values (‰) of labelled and unlabelled samples for the two
- 2 incubation times (8h vs. 24h)

Plant species	Time of incubation	$\delta^{13}\text{C}$ values – unlabelled			$\delta^{13}\text{C}$ values - labelled		
		Leaves	Roots	Soil	Leaves	Roots	Soil
<i>T. officinale</i>	8 h	-30.7	-28.1	-27.3	-26.3	-26.4	-26.9
<i>T. officinale</i>	24 h	-30.0	-27.0	-27.2	-16.8	-18.9	-26.5
<i>F. arundinacea</i>	8 h	-27.8	-26.8	-26.9	-22.9	-27.2	-26.1
<i>F. arundinacea</i>	24 h	-28.8	-27.5	-27.2	-22.0	-25.1	-25.6

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