

**S6 Table. Characteristic fragments of 4-alkylbutan-4-olides detected in wheat leaf wax.** The fragments (*m/z*) used to identify different homologs and isomers are listed (fraction F).

<b>Compound</b>	<b>Alternative name</b>	<b>Fragments characteristic of homolog (<i>m/z</i>)</b>			
4-Docosylbutan-4-olide	4-Hydroxyhexacosanoic acid $\gamma$ -lactone	332	358	376	394
4-Tetracosylbutan-4-olide	4-Hydroxyoctacosanoic acid $\gamma$ -lactone	360	386	404	422
4-Hexacosylbutan-4-olide	4-Hydroxytriacontanoic acid $\gamma$ -lactone	388	414	432	450
4-Octacosylbutan-4-olide	4-Hydroxydotriacontanoic acid $\gamma$ -lactone	416	442	460	478