

S4 Table. Characteristic fragments of hydroxy-2-alkanol esters detected in wheat leaf wax.

The fragments (*m/z*) of trimethylsilyl ether derivatives used to identify different ester homologs and isomers are listed (fraction **D**).

Compound	Alternative name	Fragments characteristic of homolog (<i>m/z</i>)	Fragments characteristic of isomer type:	
			regiomer (<i>m/z</i>)	metamer (<i>m/z</i>)
Tridecane-2,8-diol stearate	8-Hydroxytridecan-2-ol stearate	539	173 483 199 109	267 285 341 357
Tridecane-2,7-diol stearate	7-Hydroxytridecan-2-ol stearate		187 469 185 95	
Pentadecane-2,8-diol palmitate	8-Hydroxypentadecan-2-ol palmitate		201 455 199 109	239 257 313 329
Pentadecane-2,7-diol palmitate	7-Hydroxypentadecan-2-ol palmitate		215 441 185 95	
Tridecane-2,8-diol arachidate	8-Hydroxytridecan-2-ol arachidate	567	173 511 199 109	295 312 369 385
Tridecane-2,7-diol arachidate	7-Hydroxytridecan-2-ol arachidate		187 497 185 95	
Pentadecane-2,8-diol stearate	8-Hydroxypentadecan-2-ol stearate		201 483 199 109	267 285 341 357
Pentadecane-2,7-diol stearate	7-Hydroxypentadecan-2-ol stearate		215 469 185 95	
Tridecane-2,8-diol behenate	8-Hydroxytridecan-2-ol behenate	595	173 539 199 109	323 340 397 413
Tridecane-2,7-diol behenate	7-Hydroxytridecan-2-ol behenate		187 525 185 95	
Pentadecane-2,8-diol arachidate	8-Hydroxypentadecan-2-ol arachidate		201 511 199 109	295 312 369 385
Pentadecane-2,7-diol arachidate	7-Hydroxypentadecan-2-ol arachidate		215 497 185 95	
Tridecane-2,8-diol lignocerate	8-Hydroxytridecan-2-ol lignocerate	623	173 567 199 109	351 368 425 441
Tridecane-2,7-diol lignocerate	7-Hydroxytridecan-2-ol lignocerate		187 553 185 95	
Pentadecane-2,8-diol behenate	8-Hydroxypentadecan-2-ol behenate		201 539 199 109	323 340 397 413
Pentadecane-2,7-diol behenate	7-Hydroxypentadecan-2-ol behenate		215 525 185 95	
Tridecane-2,8-diol cerotate	8-Hydroxytridecan-2-ol cerotate	651	173 595 199 109	379 396 453 469
Tridecane-2,7-diol cerotate	7-Hydroxytridecan-2-ol cerotate		187 581 185 95	
Pentadecane-2,8-diol lignocerate	8-Hydroxypentadecan-2-ol lignocerate		201 567 199 109	351 368 425 441
Pentadecane-2,7-diol lignocerate	7-Hydroxypentadecan-2-ol lignocerate		215 553 185 95	