Electronic Supplementary Material (ESI) for RSC Advances.

Cyclotetrasiloxane Frameworks for the Chemoenzymatic Synthesis of Oligoesters

Electronic Supporting Information

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Table 1 The expected molecular masses from MALDI-ToF MS for the observed chemical species in the N435-catalysed oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core during the first hour of the reaction.

Identity	Expected $(M+Na)^+$ (g/mol)	Identity	Expected $(M+Na)^+$ (g/mol)
AB	1,114	**A_2B_3cyc**	2,255
ABcyc	1,082	**A_2B_3cyc^2**	2,223
AB_2	1,228	**A_2B_4**	2,401
AB_2cyc	1,196	**A_2B_4cyc**	2,369
AB_2cyc^2	1,164	**A_2B_4cyc^2**	2,337
AB_3	1,342	**A_2B_4cyc^3**	2,305
AB_3cyc	1,310	**A_2B_5**	2,515
AB_4	1,456	**A_2B_5cyc**	2,483
A_2B	2,059	**A_2B_5cyc^2**	2,451
A_2B_2	2,173	**A_2B_6**	2,629
A_2B_2cyc	2,141	**A_2B_6cyc**	2,597
A_2B_3	2,287	**A_2B_7**	2,743

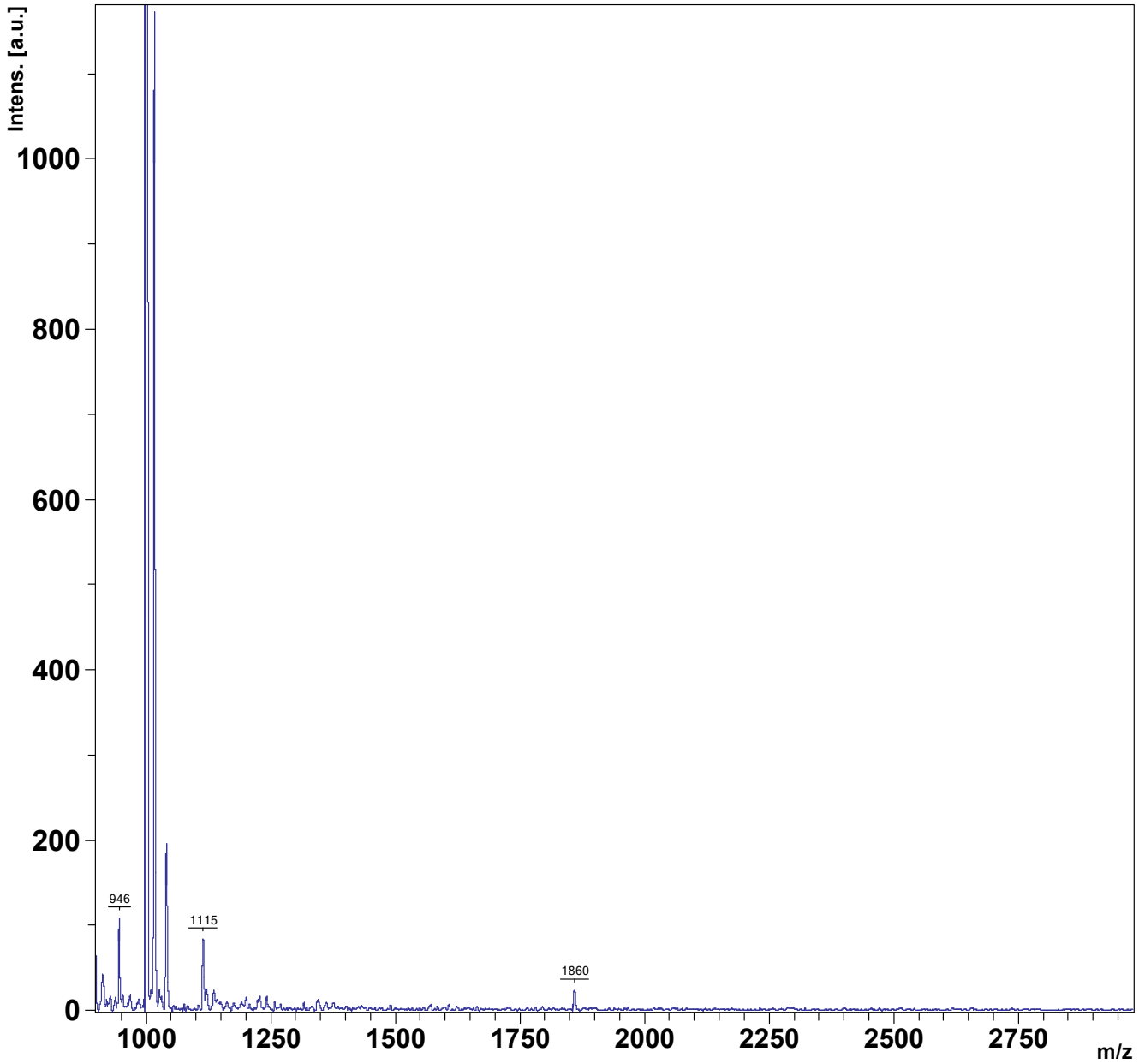

Figure 1 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=1 min.

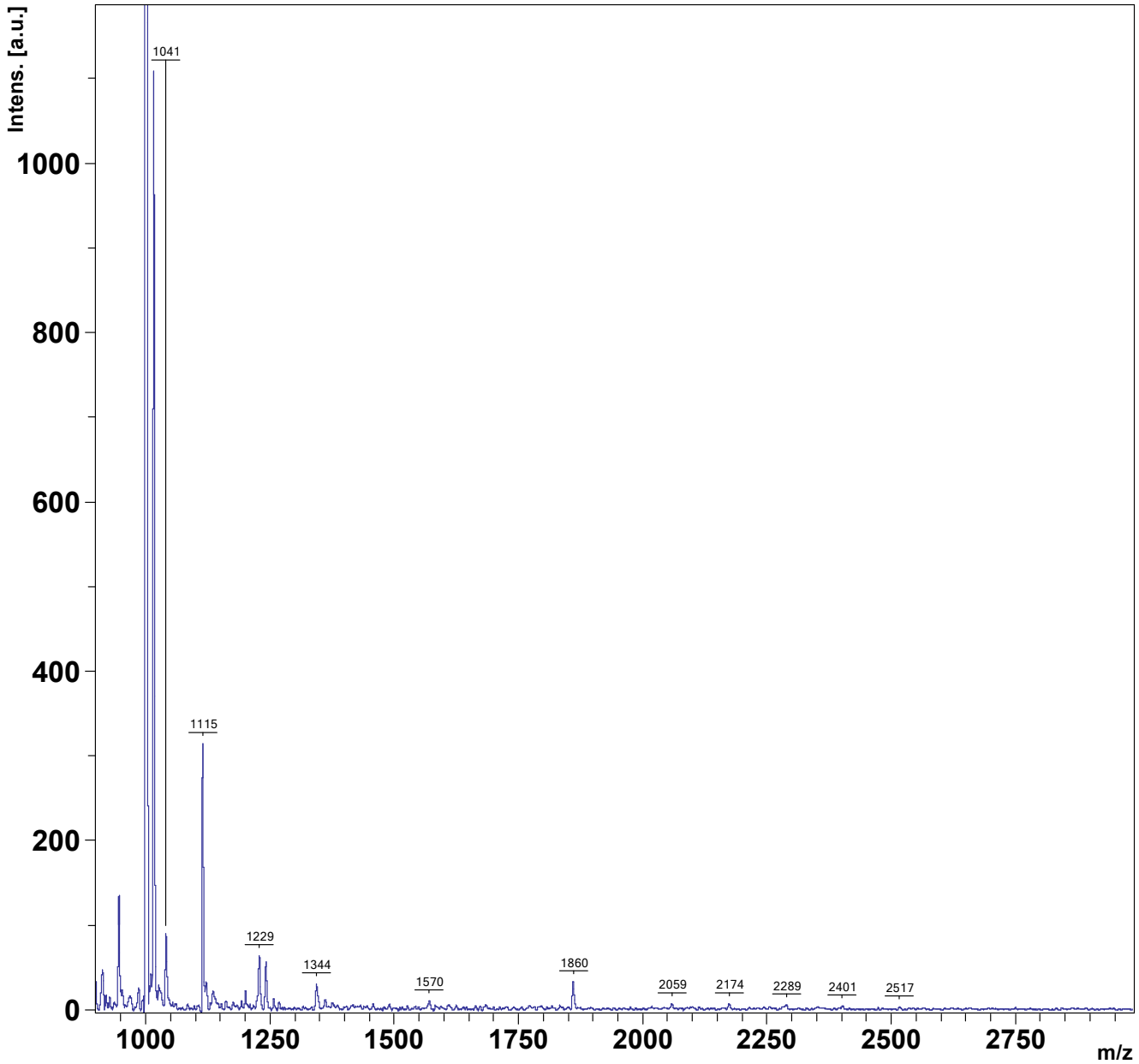

Figure 2 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=2 min.

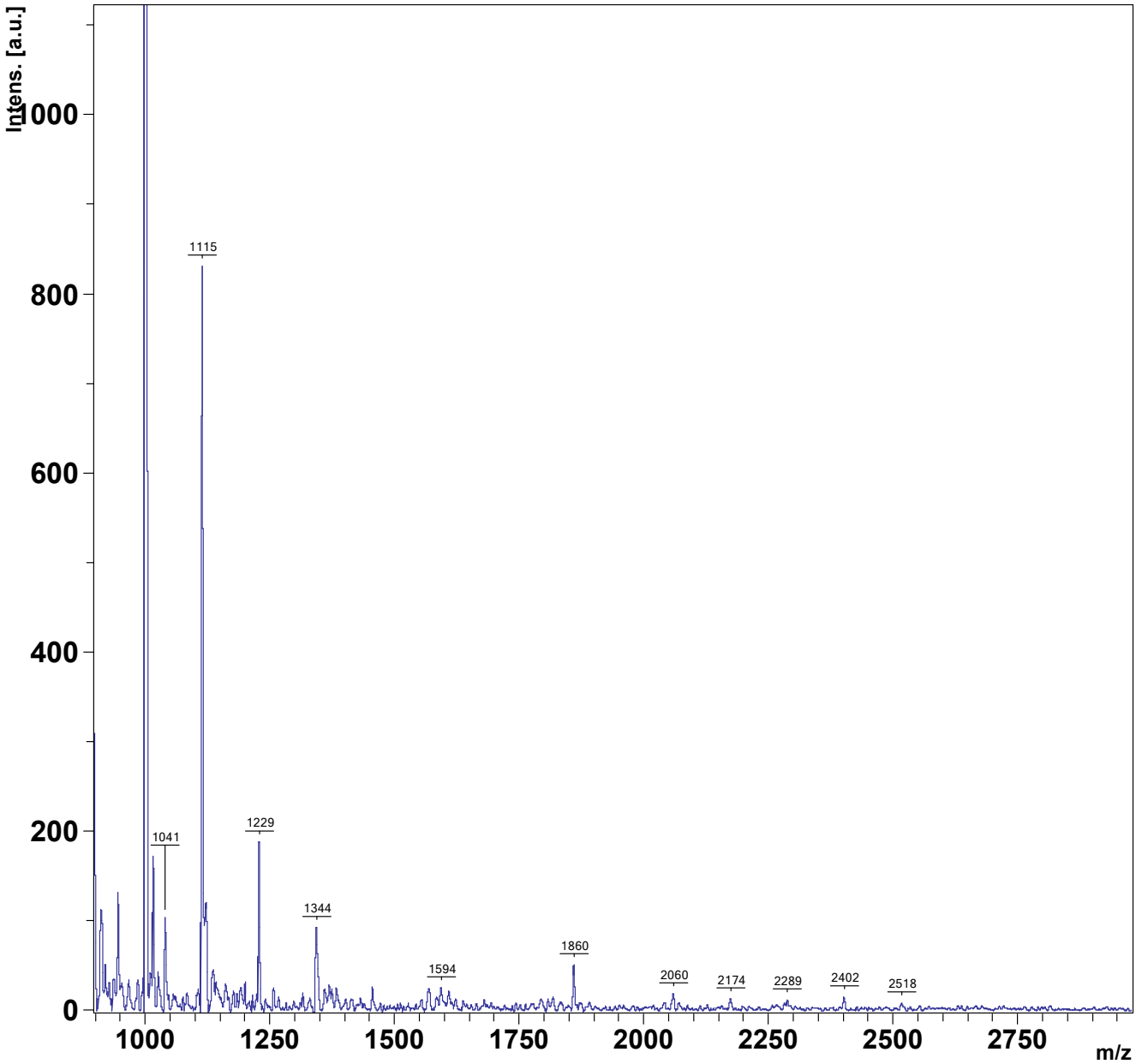

Figure 3 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=3 min.

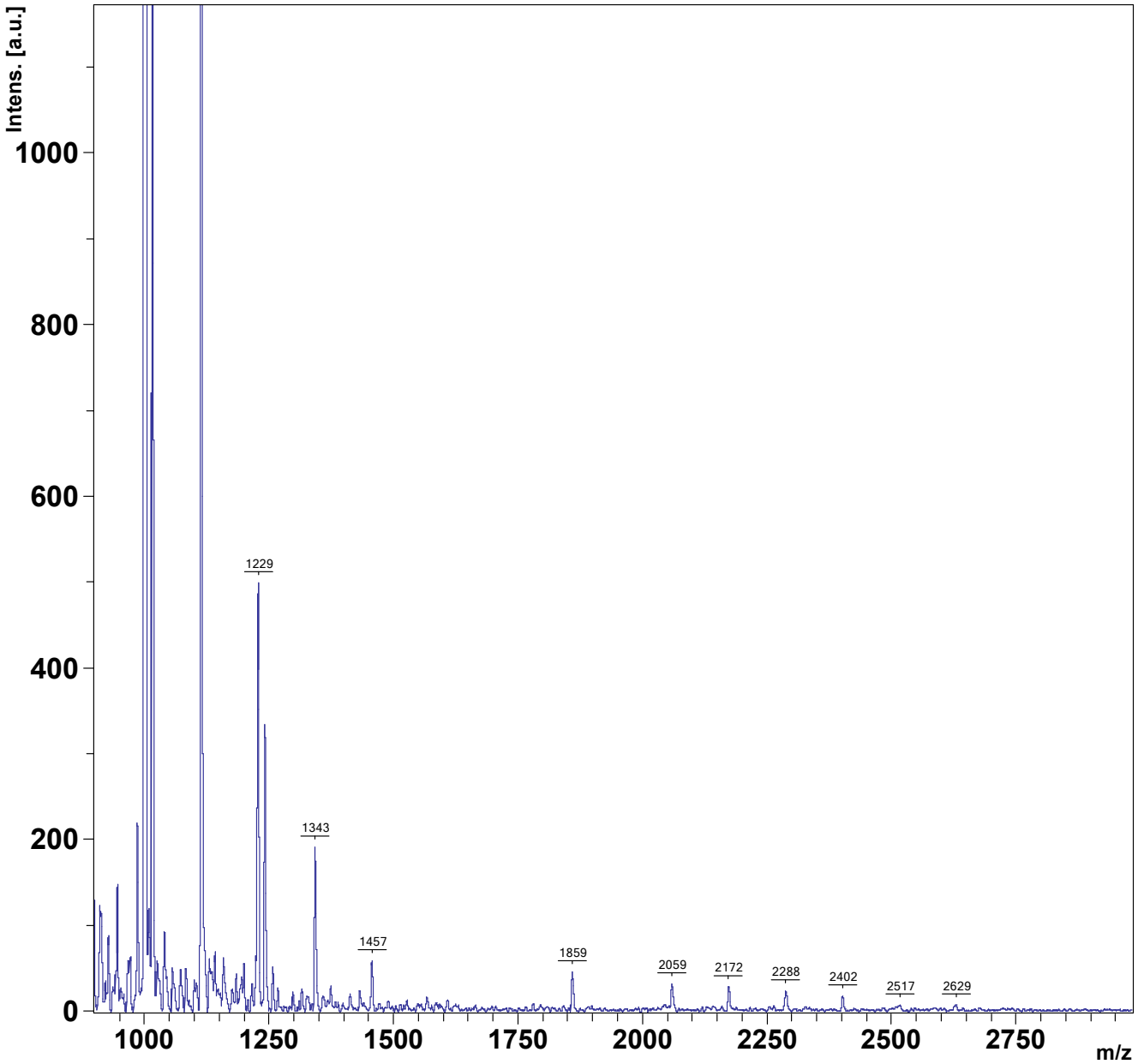

Figure 4 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=4 min.

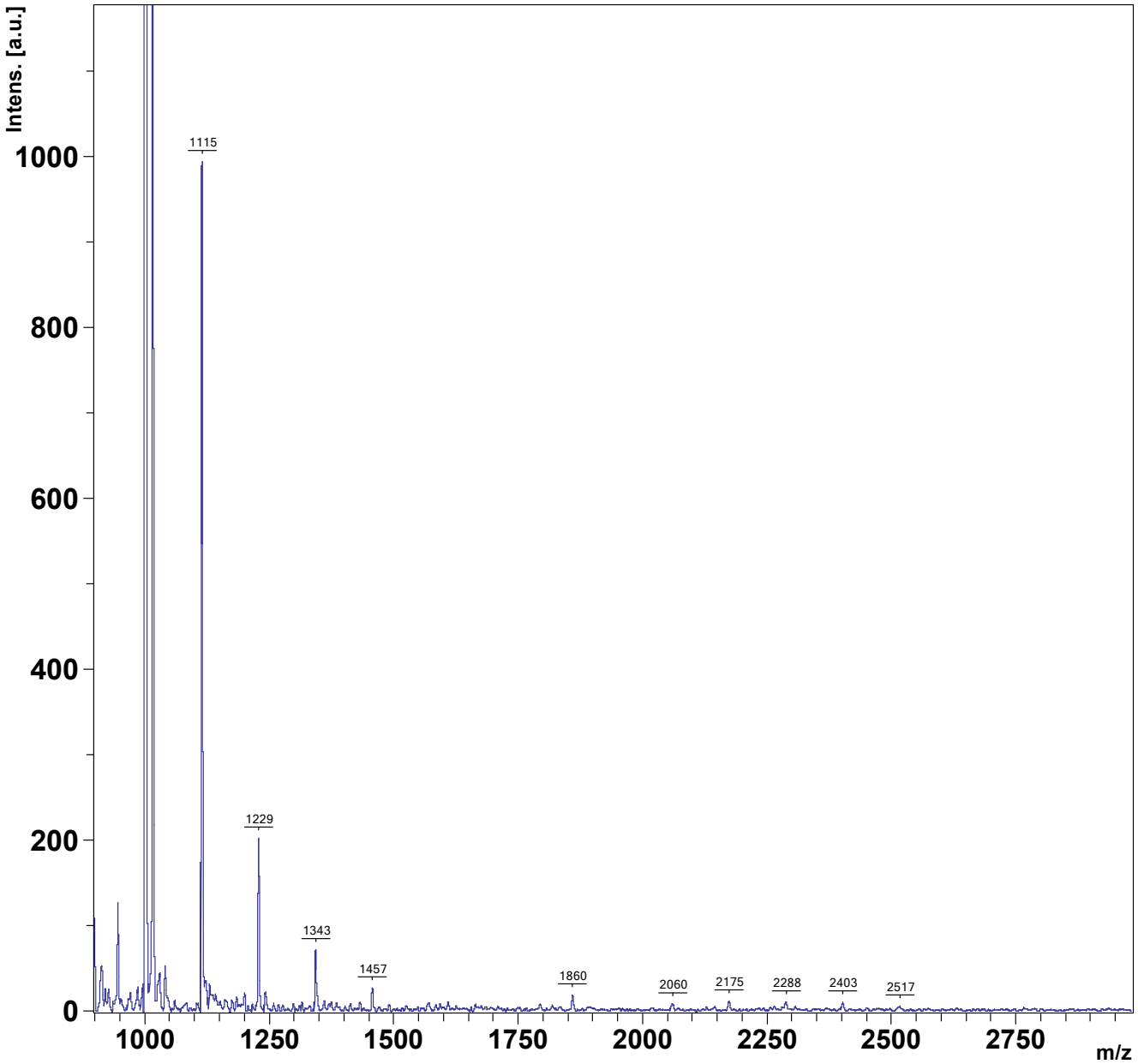

Figure 5 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=5 min.

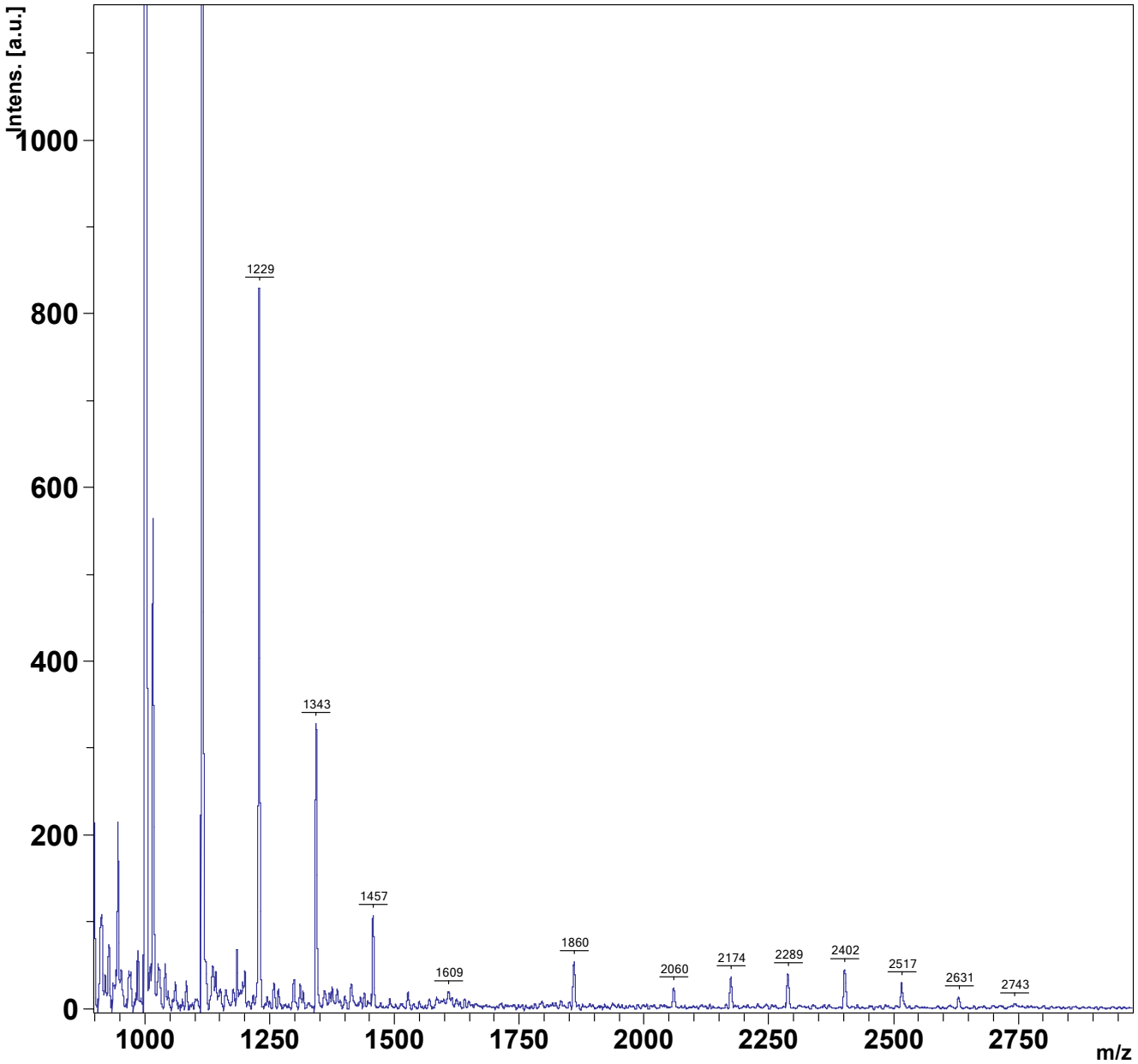

Figure 6 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=6 min.

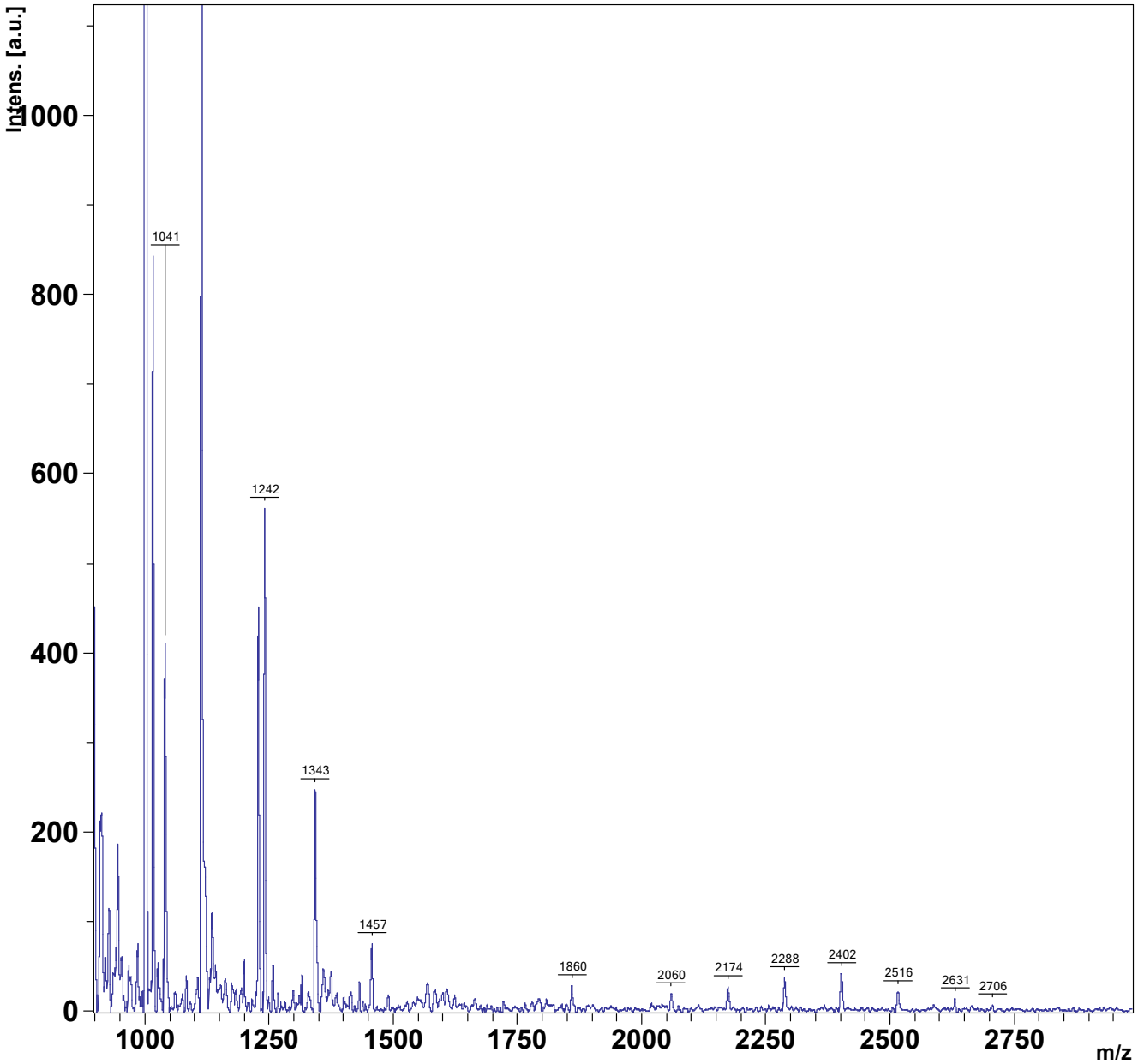

Figure 7 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=7 min.

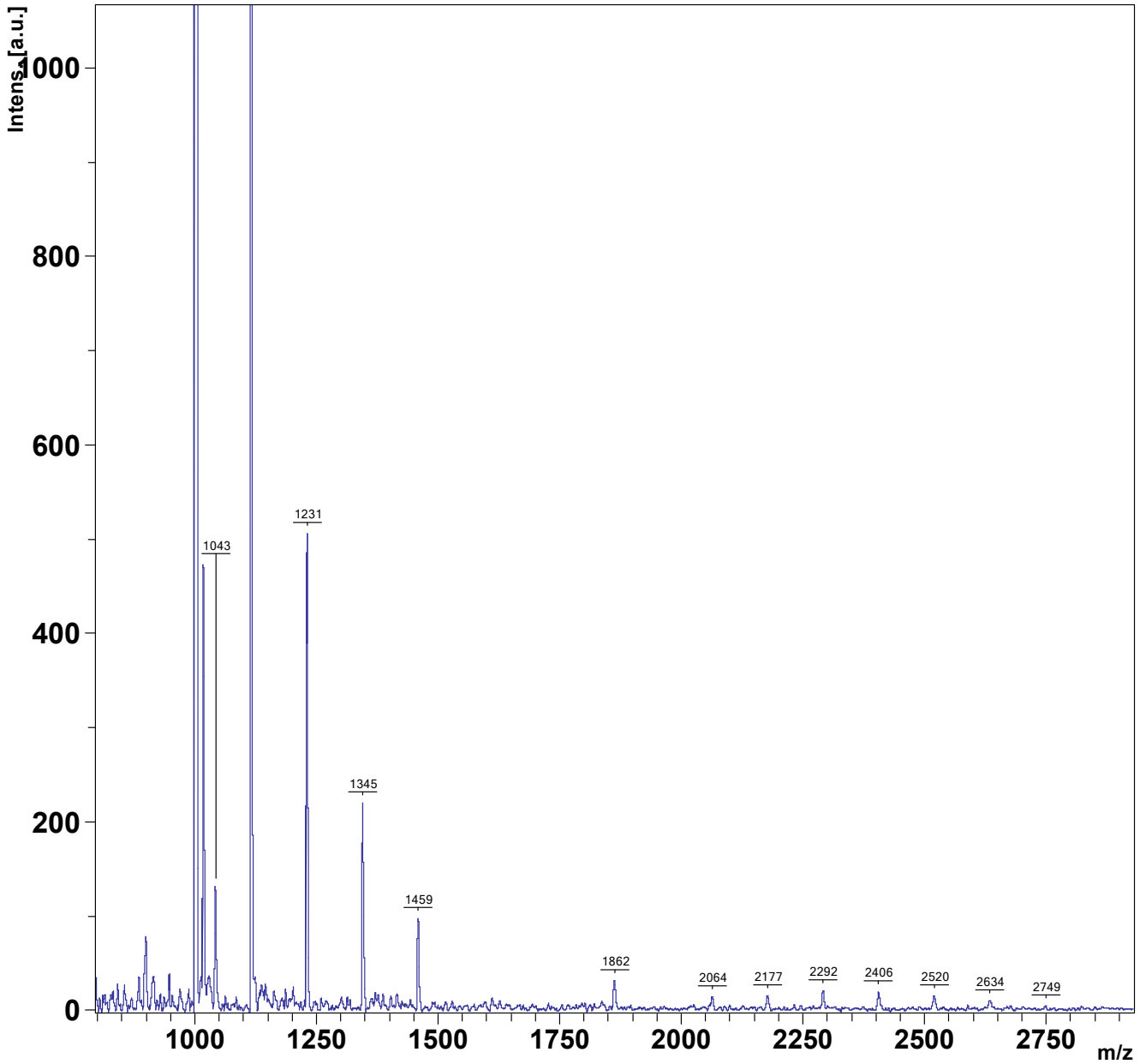

Figure 8 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=8 min.

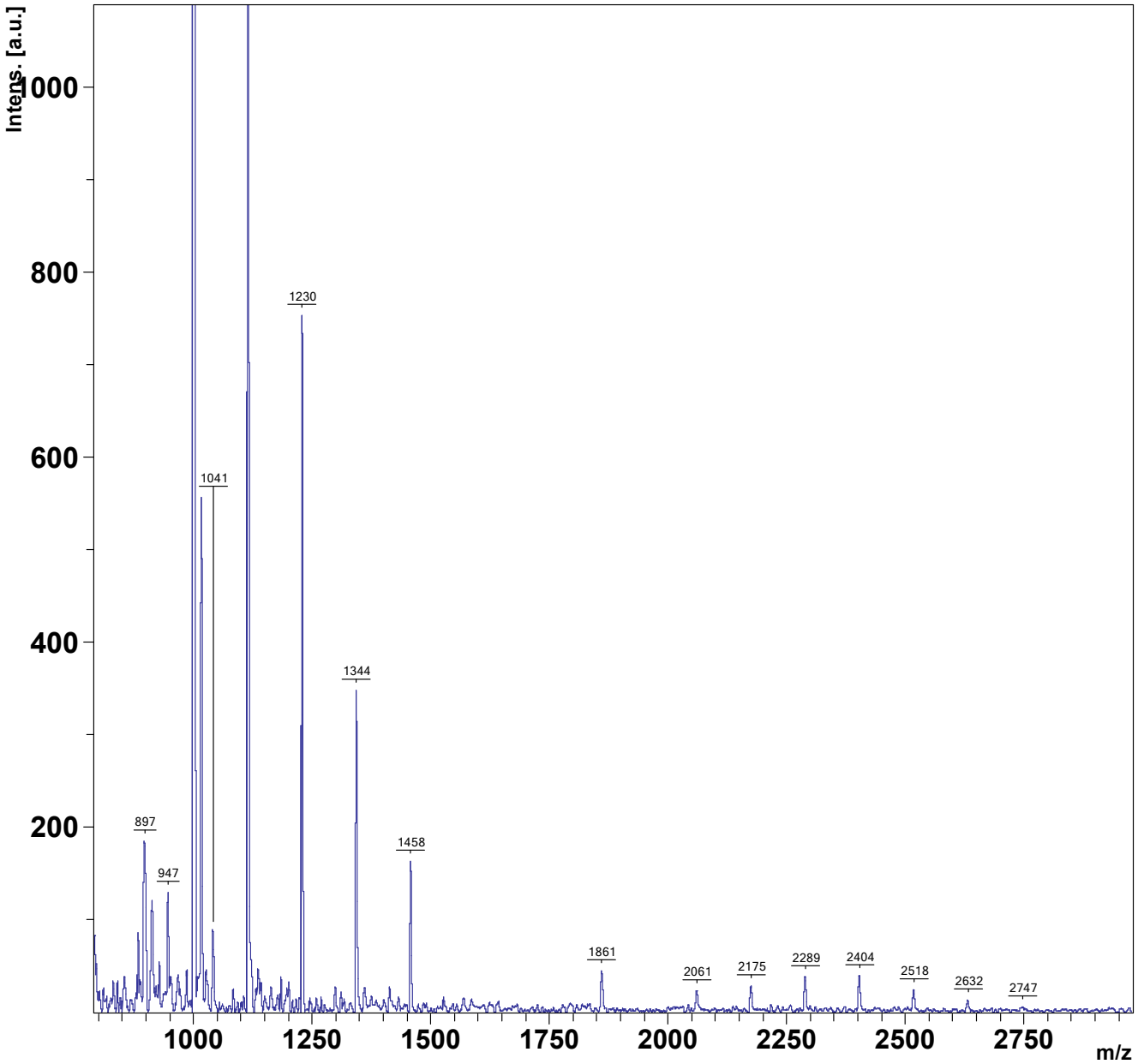

Figure 9 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=9 min.

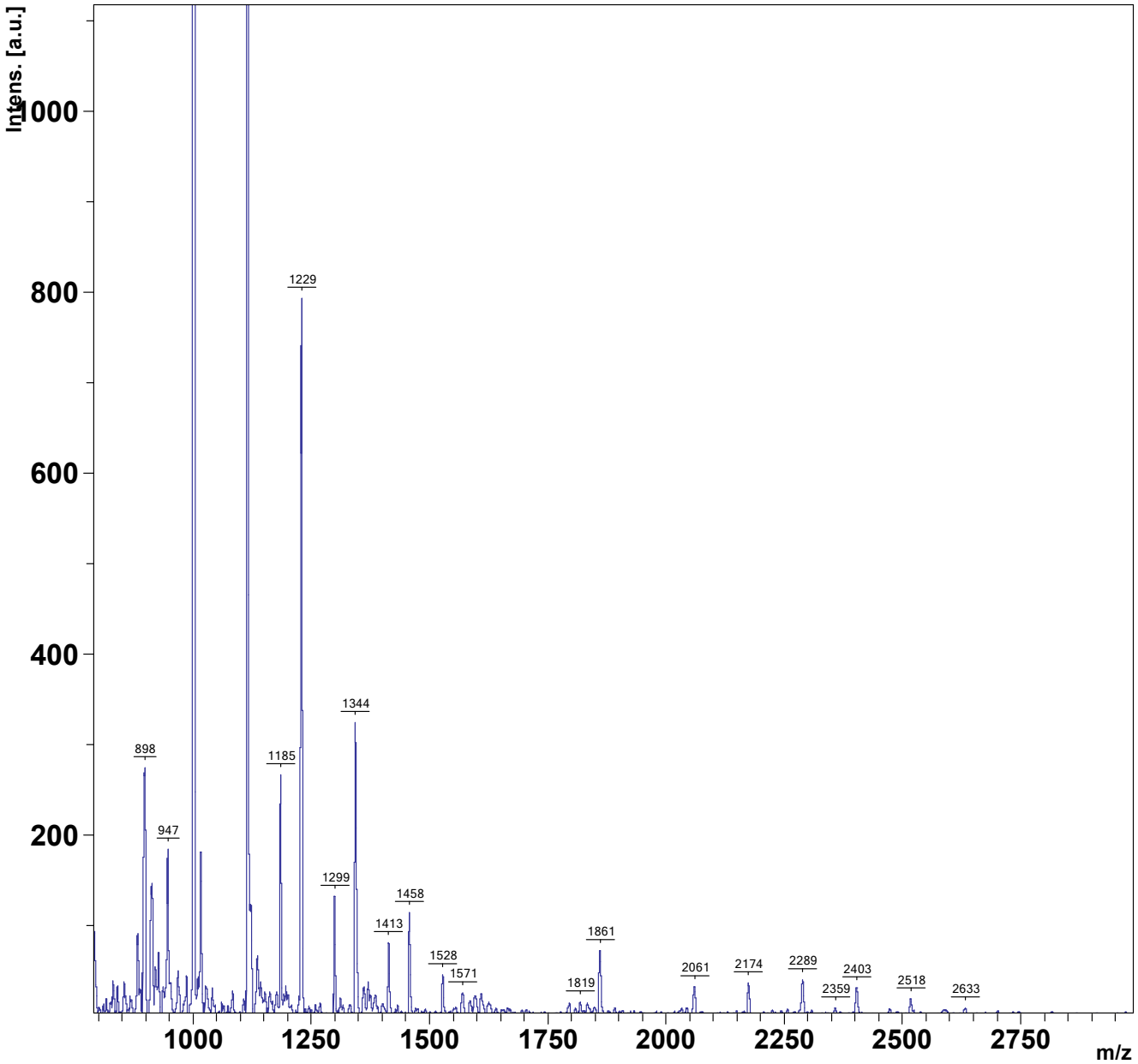

Figure 10 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=10 min.

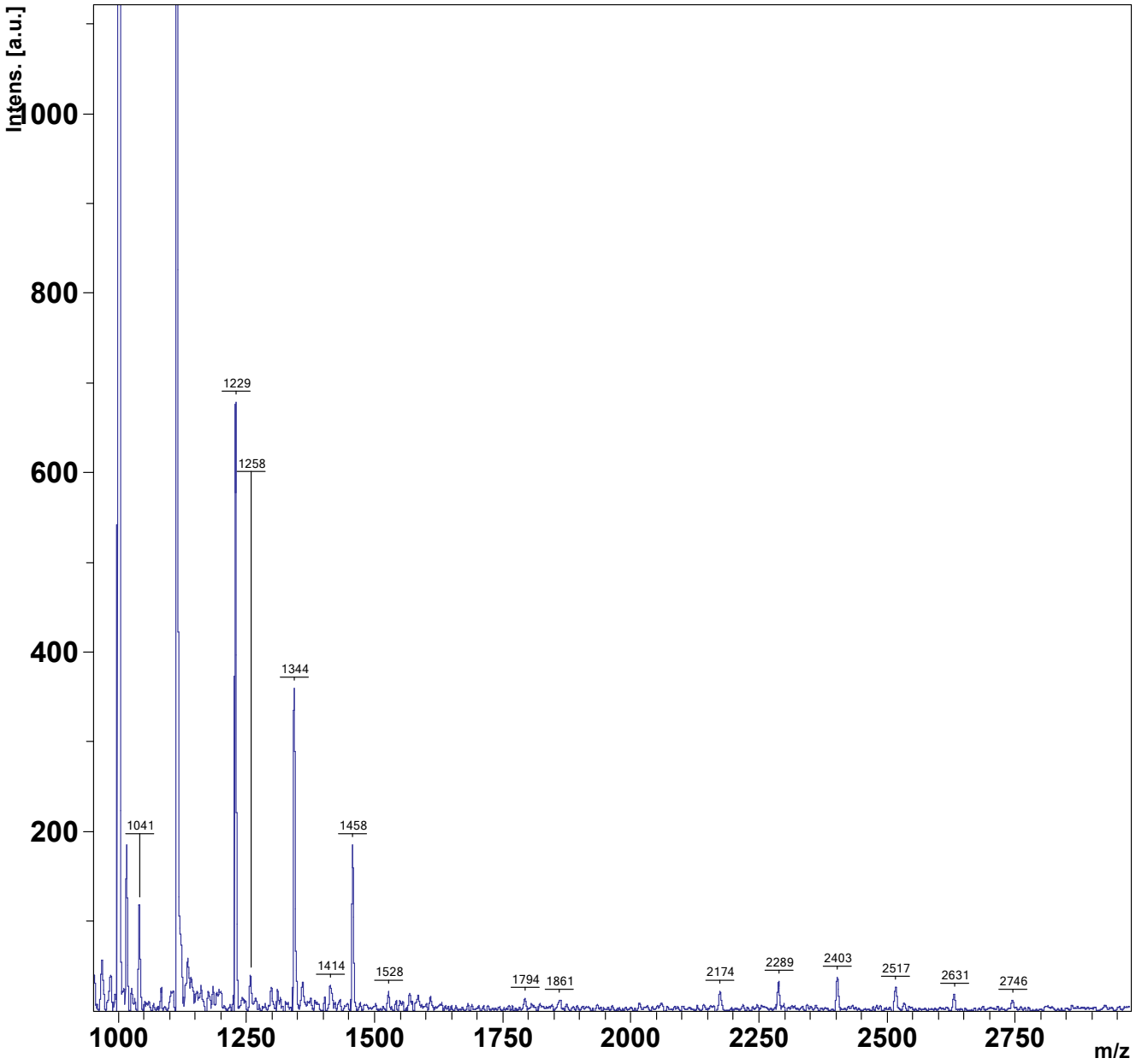

Figure 11 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=20 min.

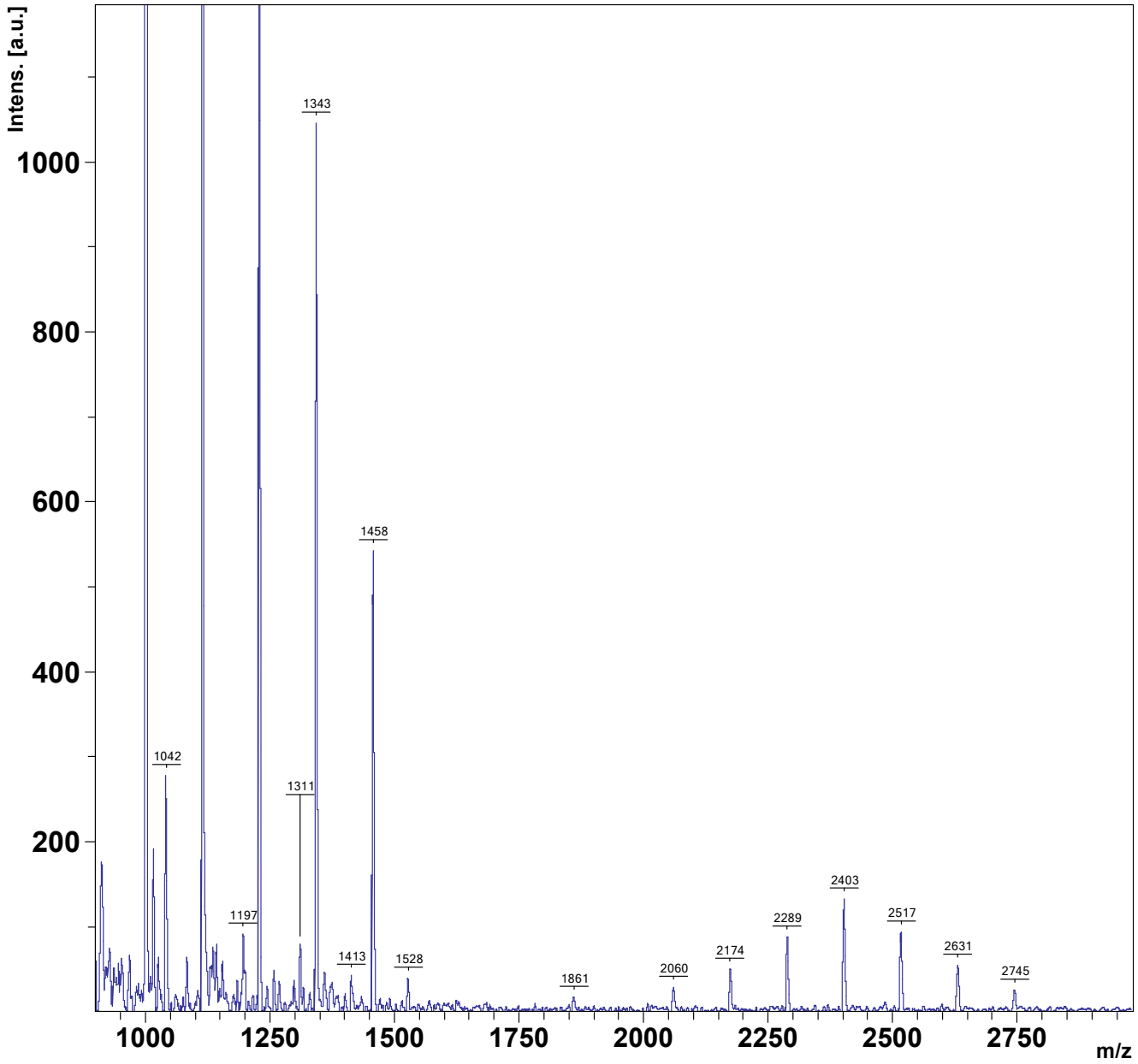

Figure 12 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=30 min.

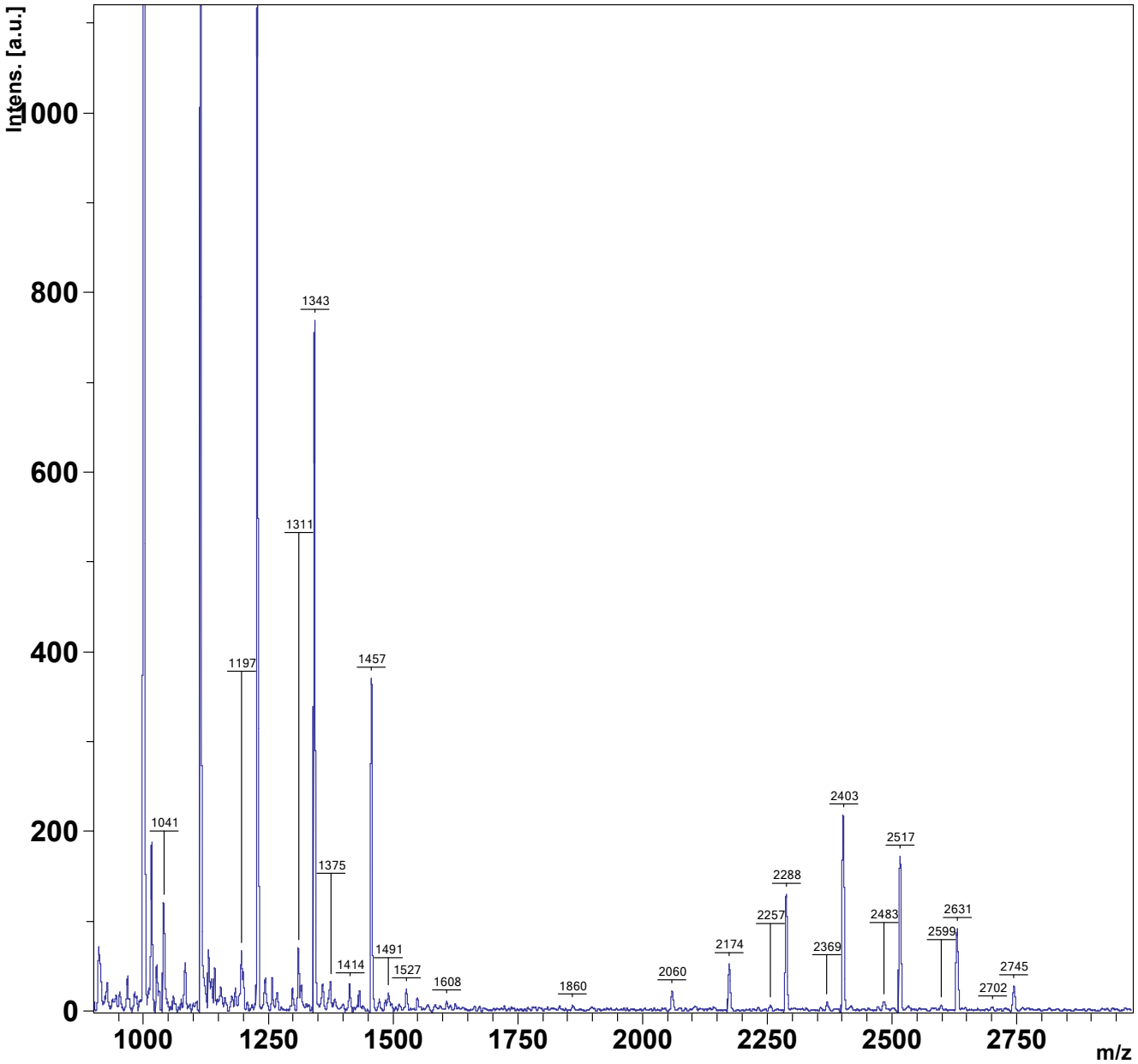

Figure 13 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=40 min.

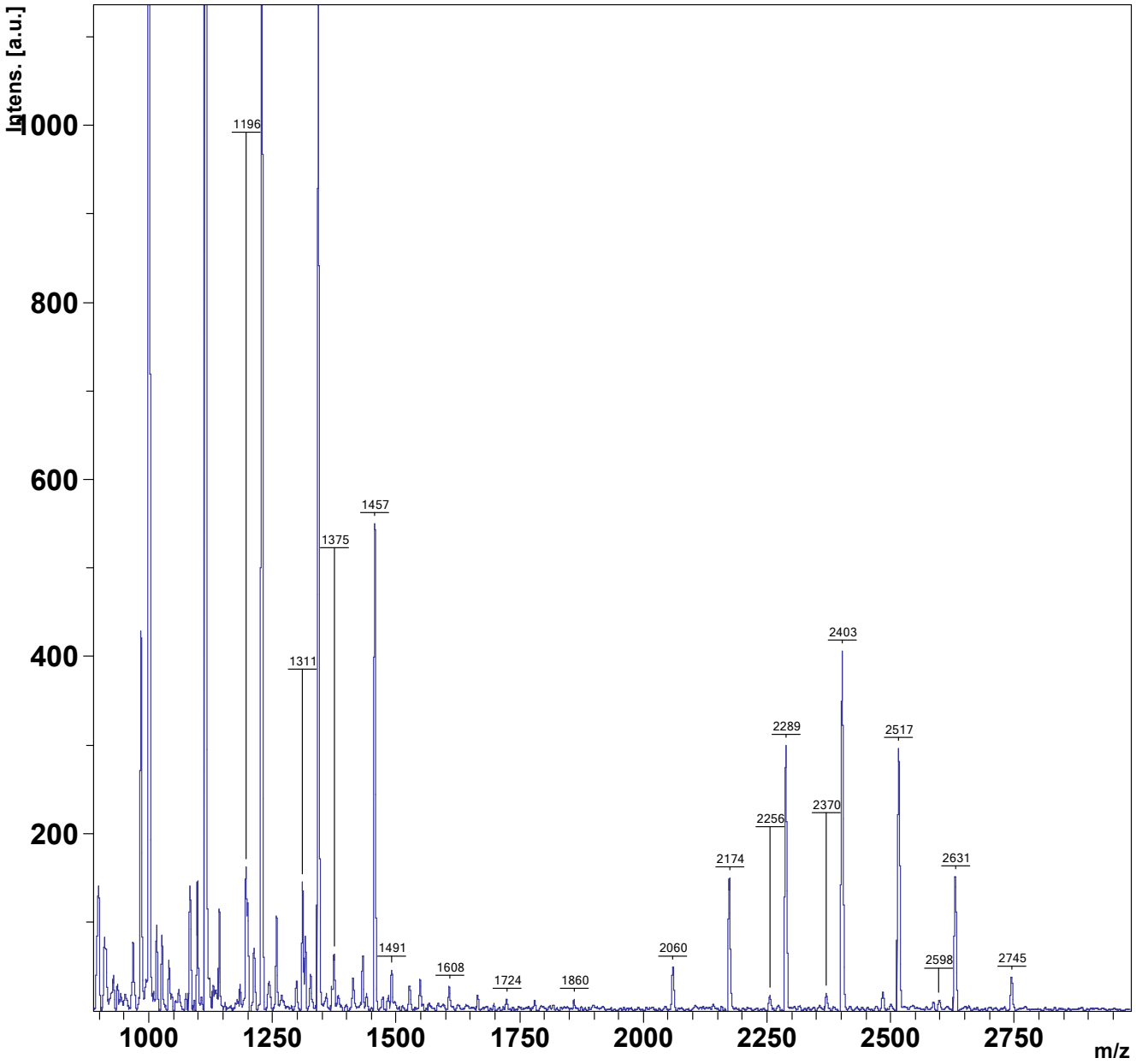

Figure 14 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=50 min.

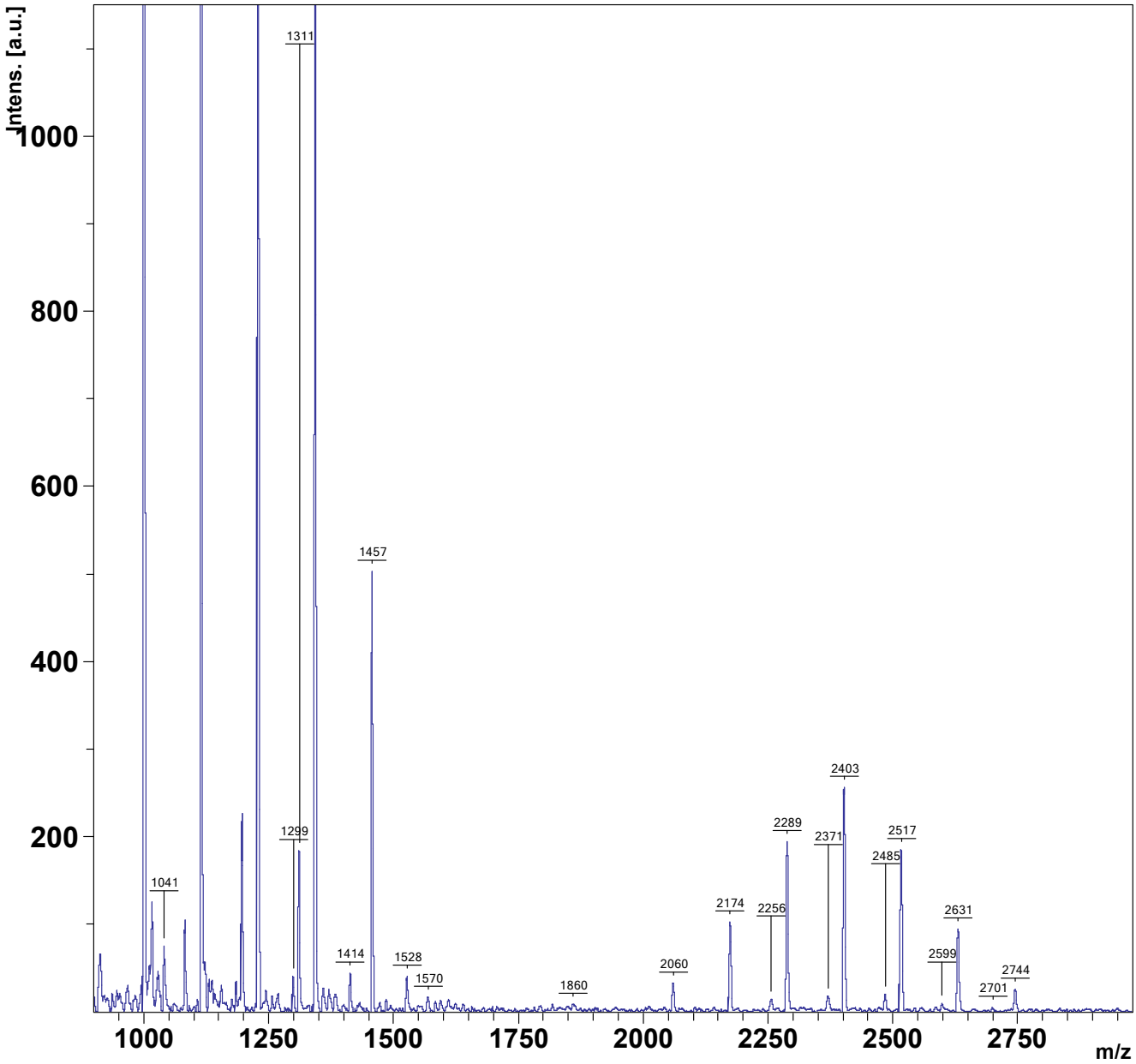

Figure 15 MALDI-ToF MS spectrum of the N435-mediated oligomerization of octane-1,8-diol with each of the four ester units of the D_4 core at t=60 min.