Question 23 (3 marks)

(b) A student measured the heat of combustion of three different fuels. The results are shown in the table.

Fuel	Heat of combustion (kJ g ⁻¹)
A	-48
В	-38
C	-28

The published value for the heat of combustion of 1-butanol is 2676 kJ mol-1.

Which fuel from the table is likely to be 1-butanol? Justify your answer.

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i. it	is most	likely to	be	.B	
		- 74.12			

. -38