Supplementary data

Enhanced medium chain length-polyhydroxyalkanoate production by co-fermentation of lignin and holocellulose hydrolysates

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Table S1. ANOVA of the CCD for optimization of the mcl-PHA production at different OD and SSC concentrations

Source	Sum of Squares	df	Mean Square	F value	P value
A:OD	0.08704	1	0.08704	7.93	0.0373
B:SSC	0.0753132	1	0.0753132	6.86	0.0471
AA	0.0250353	1	0.0250353	2.28	0.1913
AB	0.238144	1	0.238144	21.71	0.0055
BB	0.0575106	1	0.0575106	5.24	0.0707
Error total	0.0548544	5	0.0109709		
Total (corr.)	0.570149	10			

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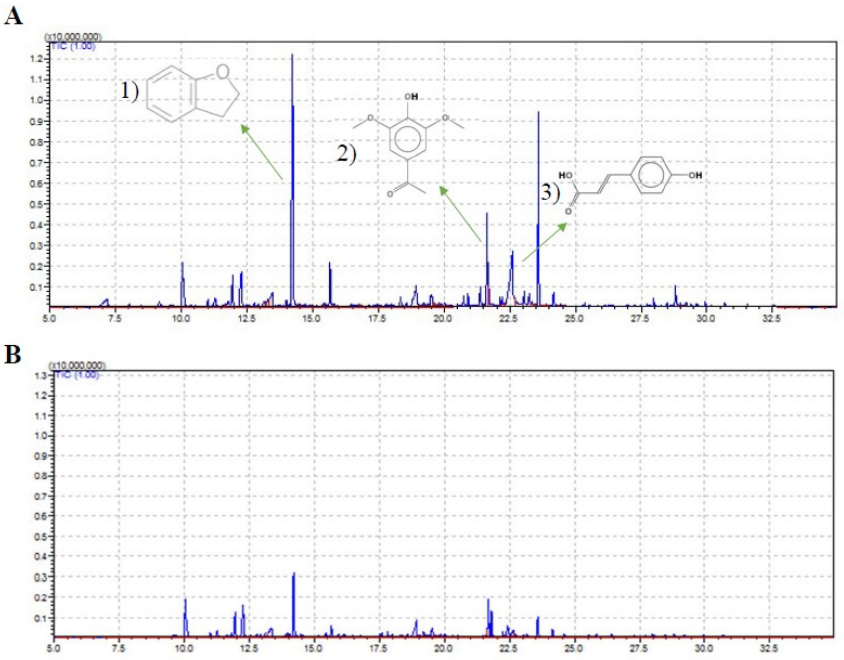

Fig. S1. GC-MS spectra of the consumption of the main lignin derivatives found in AH during fermentation at optimal conditions. A) Before fermentation, B) After fermentation. 1) Coumaran, 2) Ethanone, 3) Coumaric acid.