SUPPLEMENTARY INFORMATION

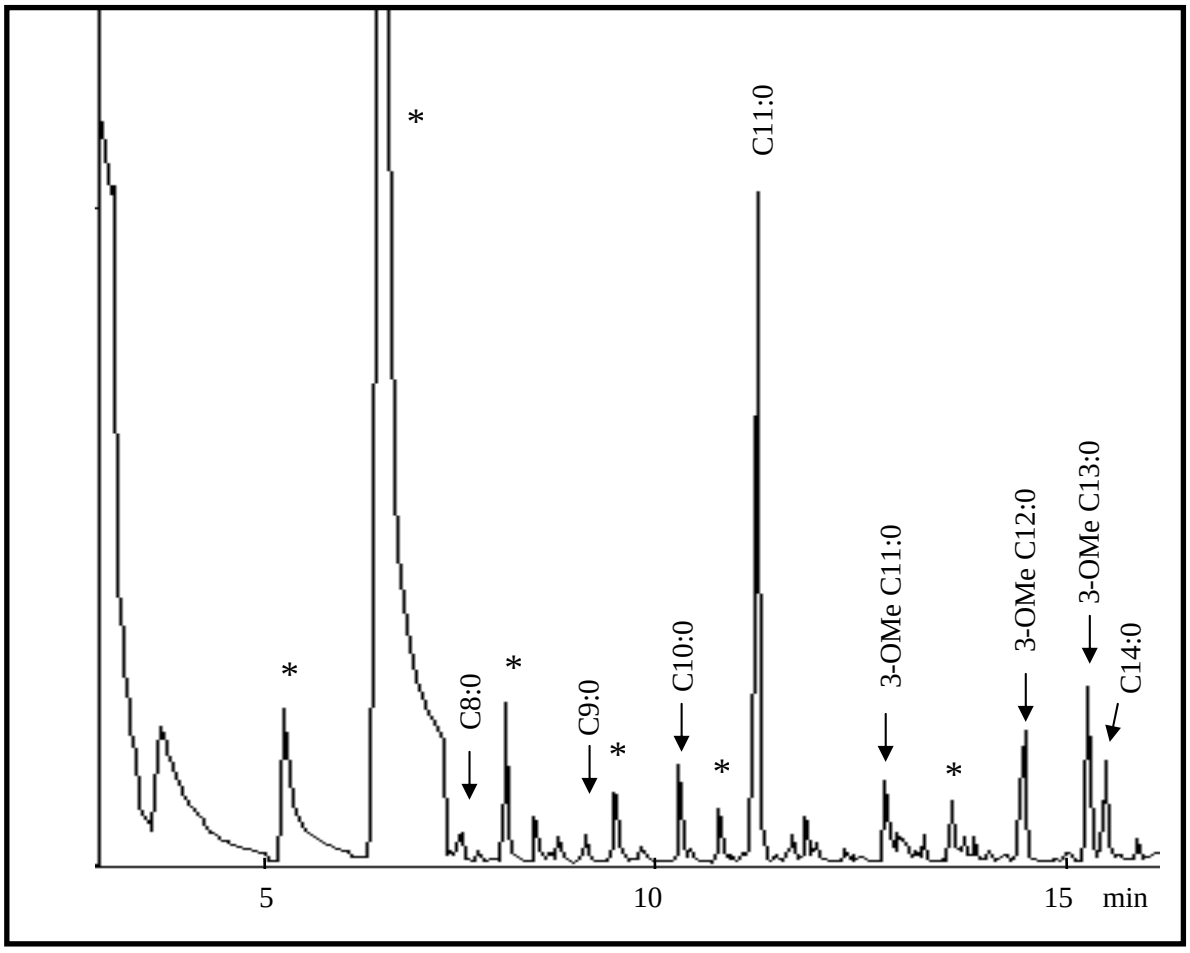

Figure S1: Gas liquid chromatography of the fatty acids obtained from Xac wild type lipid A. Fatty acids were released from lipid A by hydrolysis with 4N NaOH (100 ºC, 5h), neutralization and extraction with $CHCl_3$. Products were dissolved in anhydrous MeOH and treated with methanolic 0,5 M PTMAH. Analysis was performed on a capillary column (Ultra-1, 25 m x 0.20 mm). The temperature programme was 80 ºC for 2 min, then rose to 290 ºC, rate 10 ºC/min, final time 30 min. Injector temperature: 260 ºC for *in situ* pyrolytic derivatization.

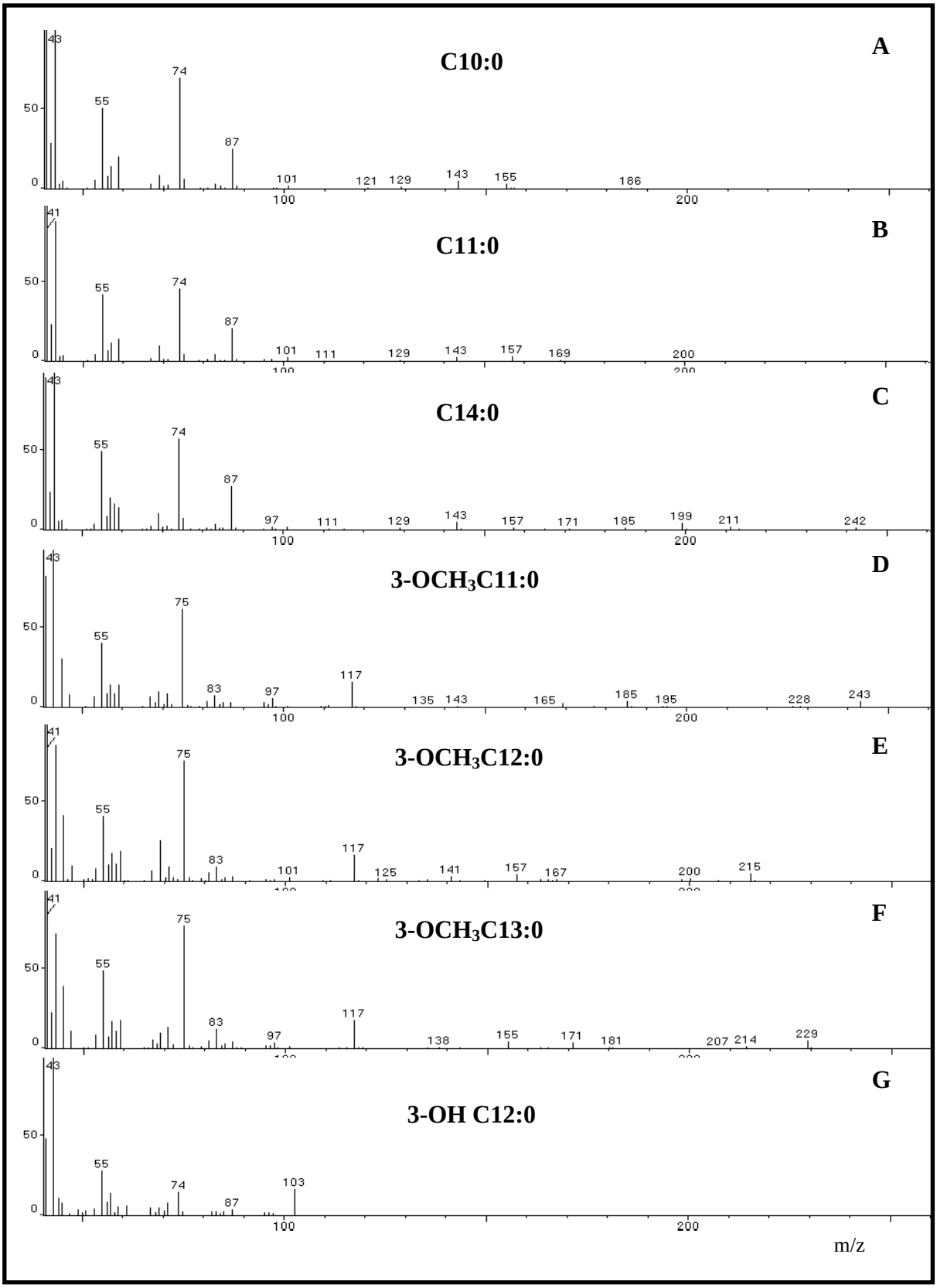

Figure S2: Mass spectra of the methylated fatty acids obtained from lipid A released from Xac wild type LPS.

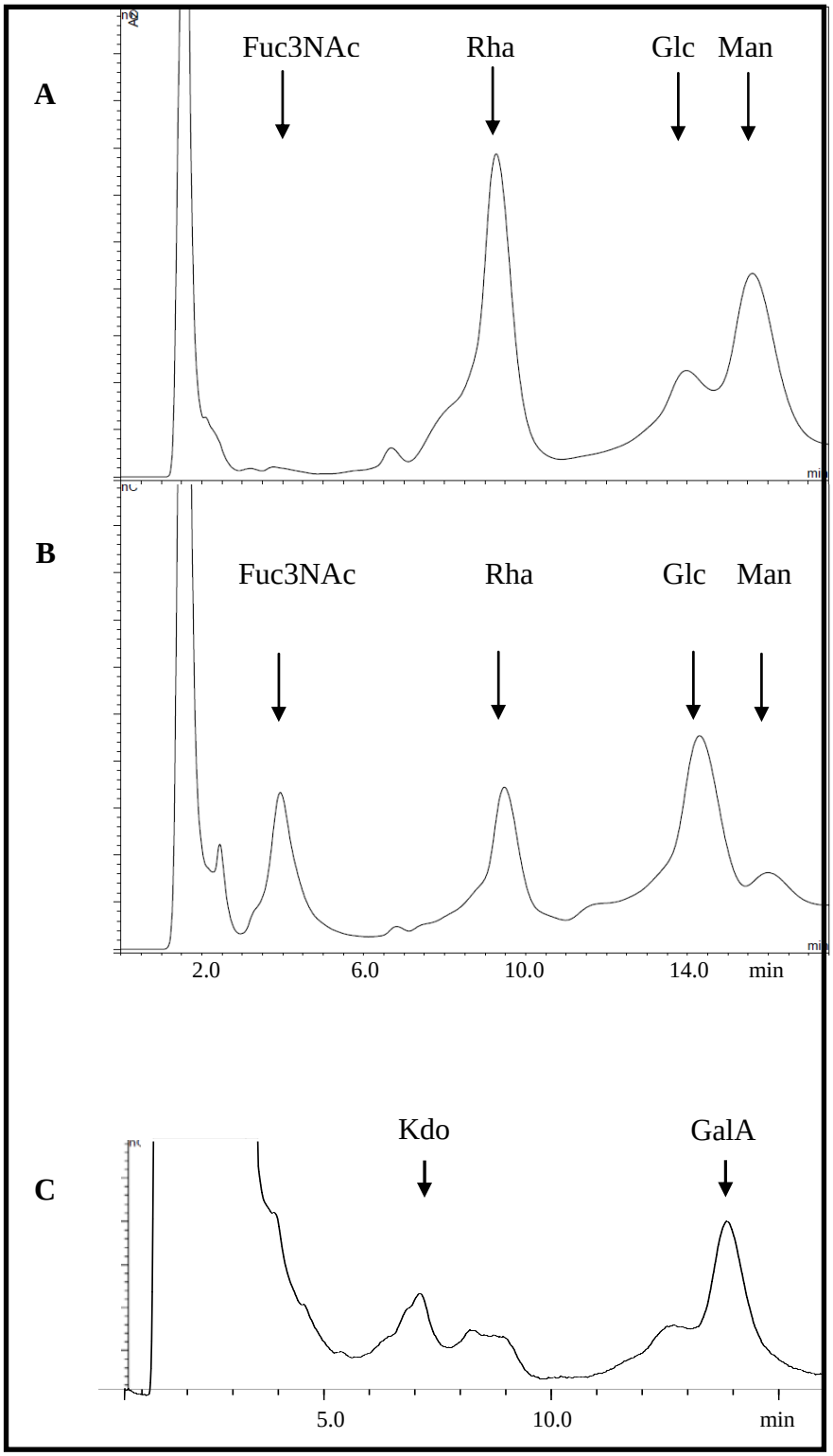

Figure S3: Monosaccharide composition analysis of purified oligosaccharides by HPAEC. The neutral monosaccharide components released from the Xac wild type (A) and Xac*wzt* (B) oligosaccharides and acidic components release from Xac wild type oligosaccharide (C). Analytical HPAEC was carried on a Carbopak PA-10 columm (4 x 250 mm, Dionex) using the eluents: 16 mM NaOH for (A) and (B); 50 mM NaOH/100 mM NaAcO for (C) .The run was monitored by pulse amperometric detection.

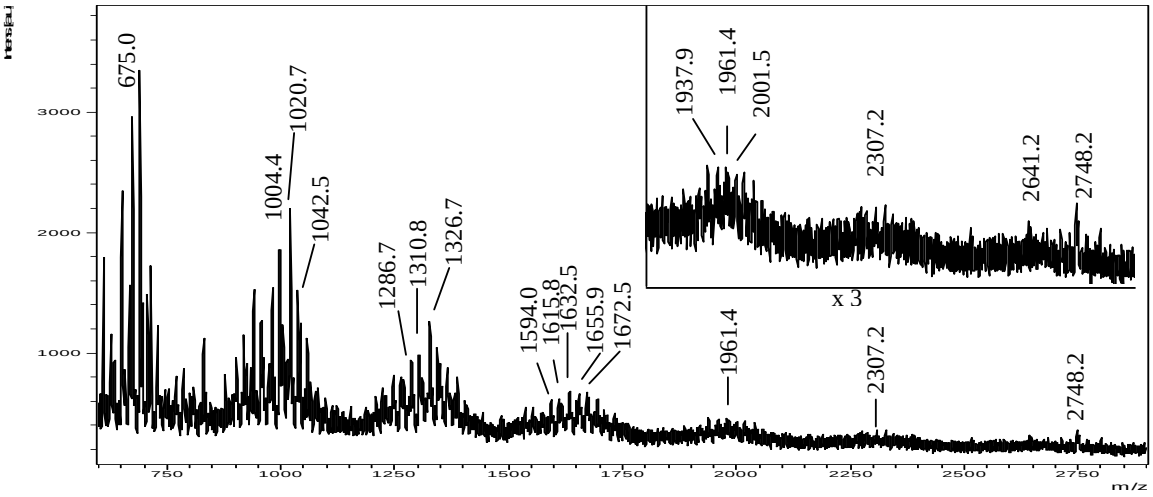

Figure S4: MALDI-TOF MS analysis of the released oligosaccharide obtained from Xac wild type LPS analyzed in the negative ion mode.

Table S1: Primers of *Citrus sinensis* cv. Valencia late used in the RT-PCR assay.

Primer name	Sequence	Amplified fragment
PR-1F	5' AAAGTTGTTCAAACTTTTTGTCCTT 3'	252 pb
PR-1R	5' ACATGATCAATAGTAGGGATGTTAGC 3'	
PALF	5' CTTGAATTATCCATAGAGACACCAAT 3'	280 pb
PALR	5' ATAATGGAACATATCTTGGATGGTAG 3'	
MKK4F	5' GGCACCCTCGATACTTTGTT 3'	293 pb
MKK4R	5' TAATTCCCTCCGTAGGCATC 3'	
actF	5' CAGCCATCTCTCATCGGAAT 3'	329 pb
actR	5' CCTGTGGACAATGGATGGAC 3'	