

Supplementary Materials

Article

Oleate Hydratase from *Lactobacillus rhamnosus* ATCC 53103: a FADH₂-Dependent Enzyme with Remarkable Industrial Potential

Stefano Serra *, Davide De Simeis, Stefano Marzorati and Mattia Valentino

Consiglio Nazionale delle Ricerche (C.N.R.) Istituto di Scienze e Tecnologie Chimiche, Via Mancinelli 7, 20131 Milano, Italy; davide.desimeis01@gmail.com (D.D.S.); stefano.marzorati@scitec.cnr.it (S.M.); mattia.valentino@scitec.cnr.it (M.V.)

* Correspondence: stefano.serra@cnr.it or stefano.serra@polimi.it; Tel.: +39-02-2399 3076

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Figure S4a: Acetylmandelate ester of a sample of (R)-10-HSA methyl ester with 22% ee.

Enlargement of the methyl ester signal.

Figure S4b: Acetylmandelate ester of a sample of the (R)-10-HSA methyl ester obtained by preparative synthesis (paragraph 3.7). Enlargement of the methyl ester signal.

Figure S1

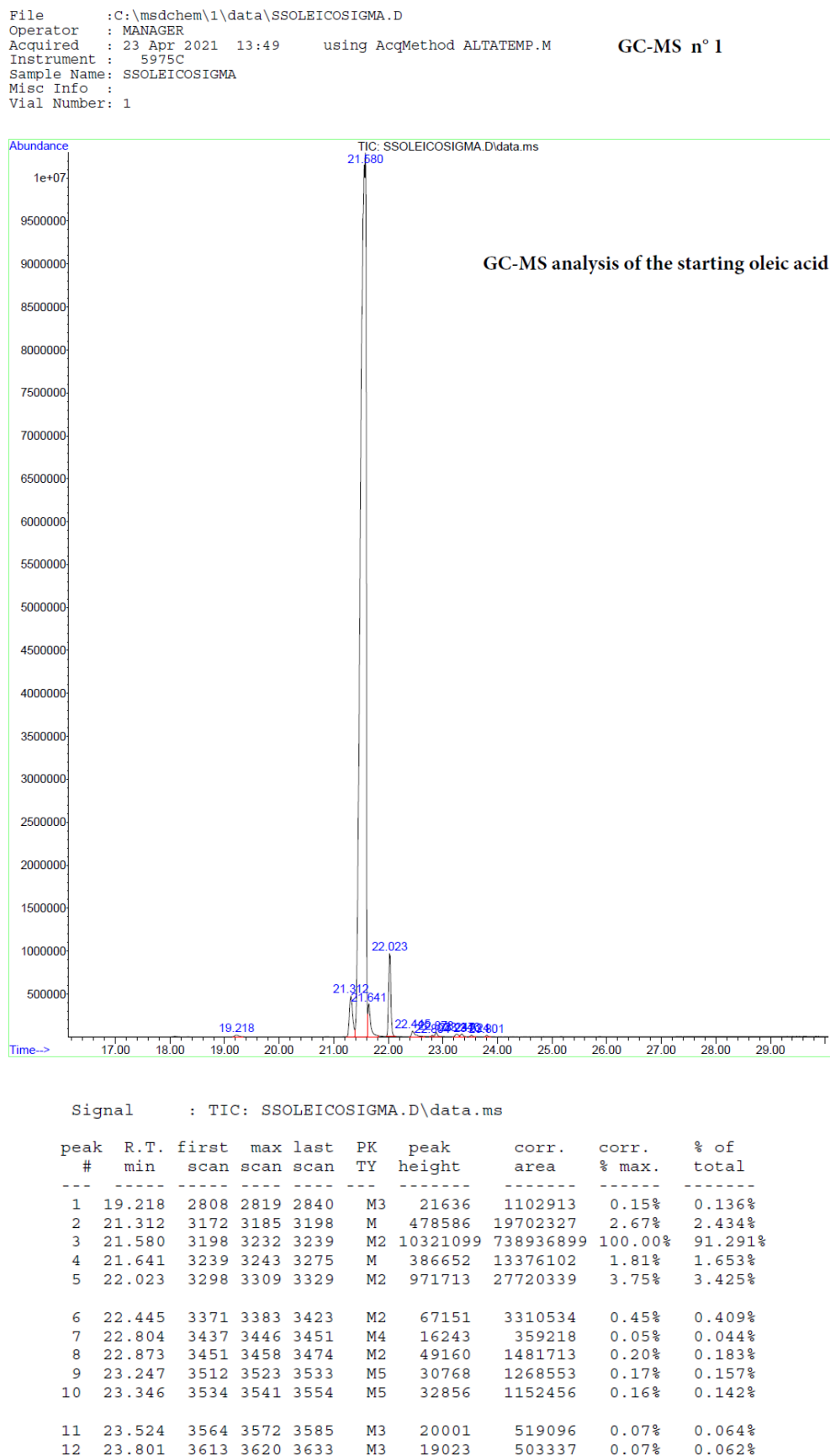


Figure S1. GC-MS analysis of the starting oleic acid used.

Figure S2

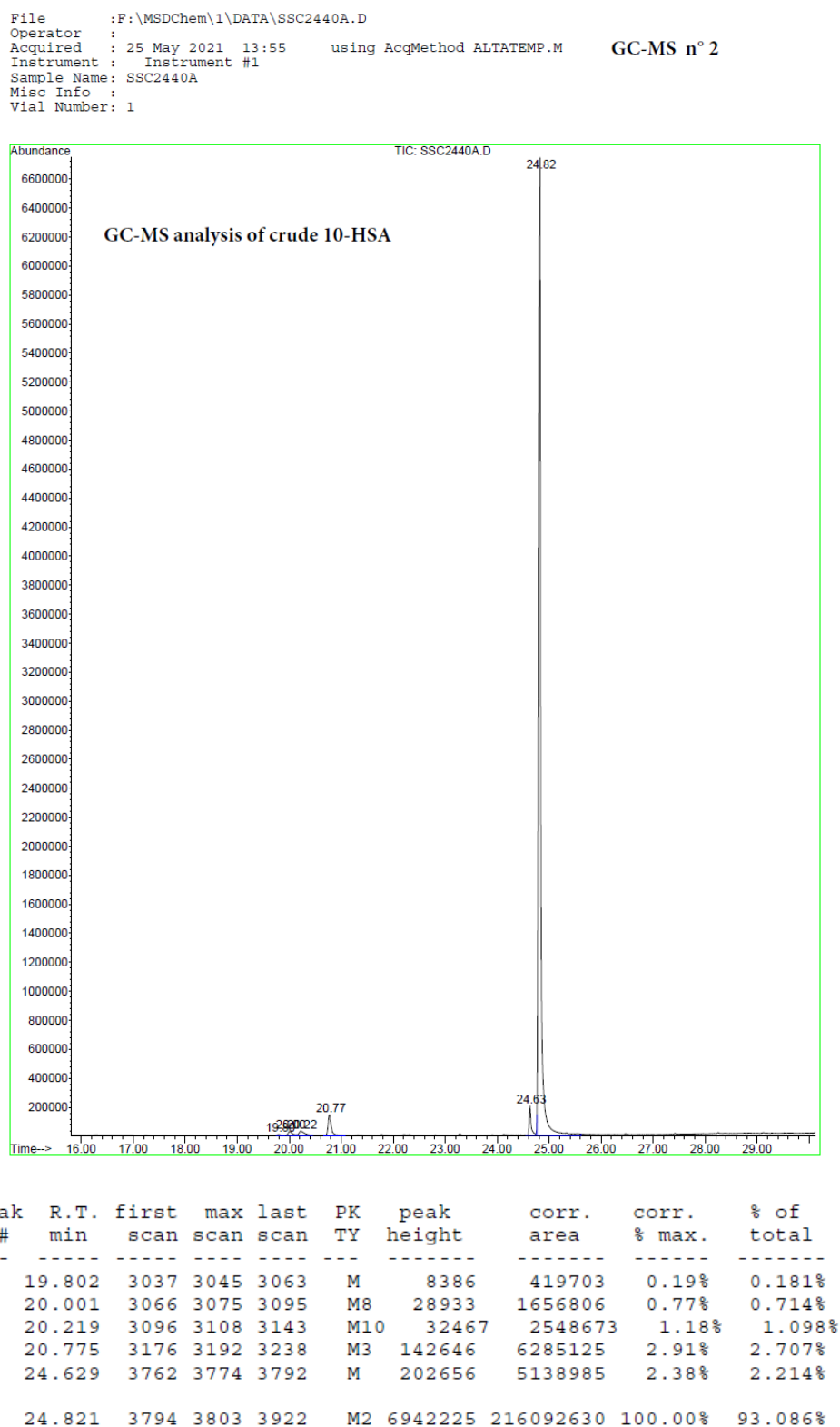
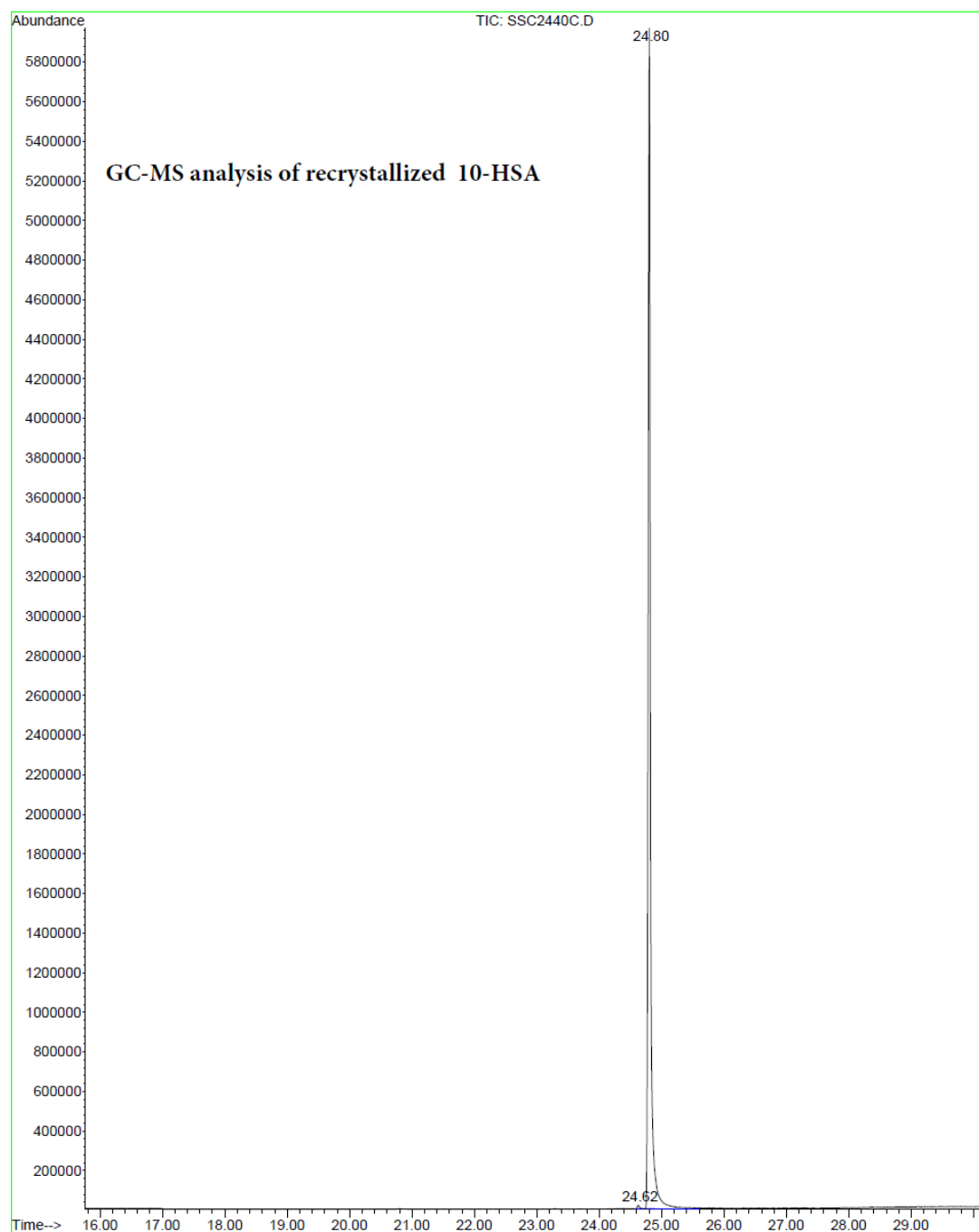


Figure S2. GC-MS analysis of the crude (*R*)-10-hydroxystearic acid obtained after filtration.

Figure S3

File :F:\MSDCHEM\1\DATA\SSC2440C.D
 Operator :
 Acquired : 25 May 2021 14:37 using AcqMethod ALTATEMP.M
 Instrument : Instrument #1
 Sample Name: SSC2440C
 Misc Info :
 Vial Number: 2

GC-MS n° 3



peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	24.624	3768	3773	3782	M4	19712	463066	0.29%	0.291%
2	24.802	3791	3800	3920	M	5964380	158804572	100.00%	99.709%

Figure S3. GC-MS analysis of recrystallized (R)-10-hydroxystearic acid.

Figure S4

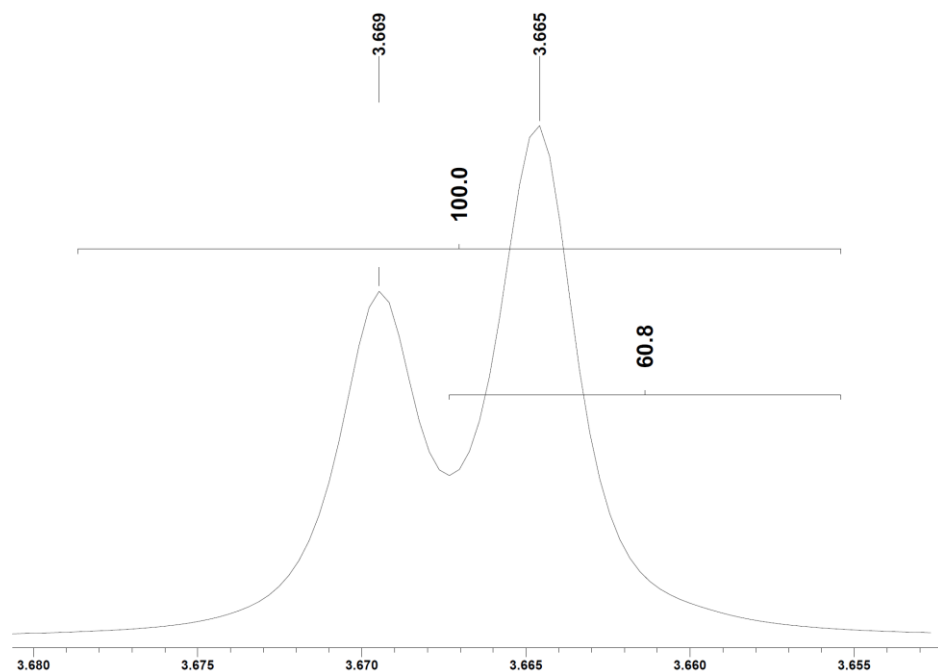


Figure S4a - Acetylmandelate ester of a sample of (*R*)-10-HSA methyl ester with 22% ee.
Enlargement of the methyl ester signal.

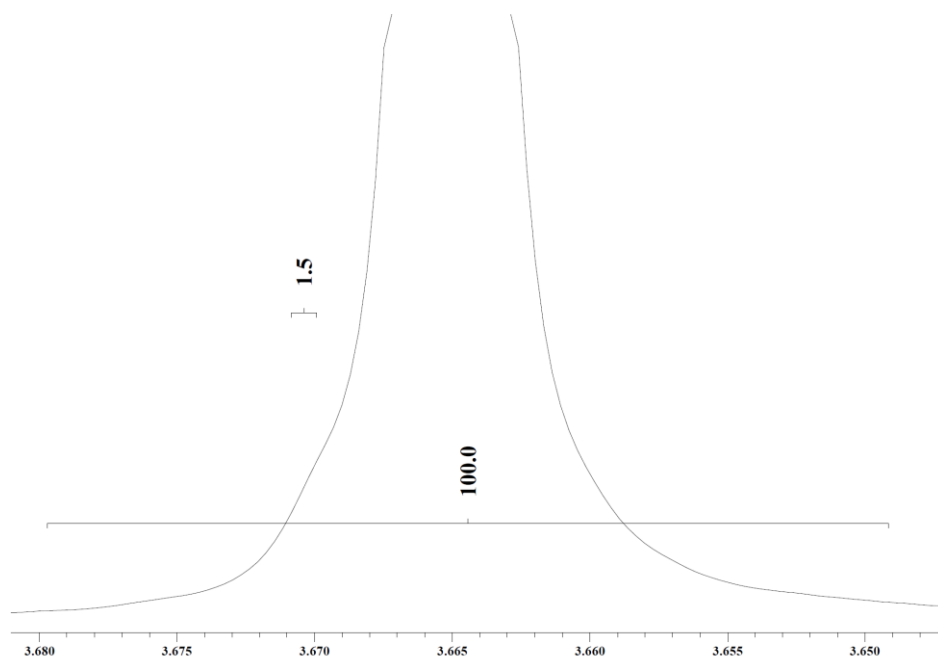


Figure S4b - Acetylmandelate ester of a sample of the (*R*)-10-HSA methyl ester obtained by preparative synthesis (paragraph 3.7). Enlargement of the methyl ester signal.