

Article

Antioxidant and antitumor activity of exopolysaccharides from *Tetraselmis suecica* grown under autotrophic and heterotrophic conditions

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Supplementary Material

Table S1. Pearson correlation between variables from heterotrophic culture of *T. suecica* (n=3)

	DPPH	Phenol	ABTS	Lipids	Chl a	Chl b	Carotens	Carbohydrates	Protein	TC	TN	C/N
DPPH	-	.9252**	.9133*	.9497**	-.8720*	-.8818*	-.8748*	.8928*	.8784*	.9274**	.9191*	-.6275
Phenol		-	.9956**	.9792**	-.9888**	-.9880**	-.9897**	.9783**	.9921**	.9936**	.9967**	-.7692
ABTS			-	.9686**	-.9870**	-.9849**	-.9872**	.9857**	.9929**	.9957**	.9995**	-.7741
Lipids				-	-.9654**	-.9581**	-.9662**	.9675**	.9665**	.9599**	.9752**	-.8222*
Chl a					-	.9961**	.9999**	-.9874**	-.9937**	-.9736**	-.9870**	.8258*
Chl b						-	.9967**	-.9843**	-.9847**	-.9761**	-.9833**	.7832
Carotens							-	-.9868**	-.9935**	-.9745**	-.9872**	.8215*
Carbohydrates								-	.9801**	.9687**	.9853**	-.8362*

Protein	-	.9829**	.9938**	-.8181*
TC		-	.9947**	-.7161
TN			-	-.7836
C/N				-

* $p < 0.05$; ** $p < 0.01$.

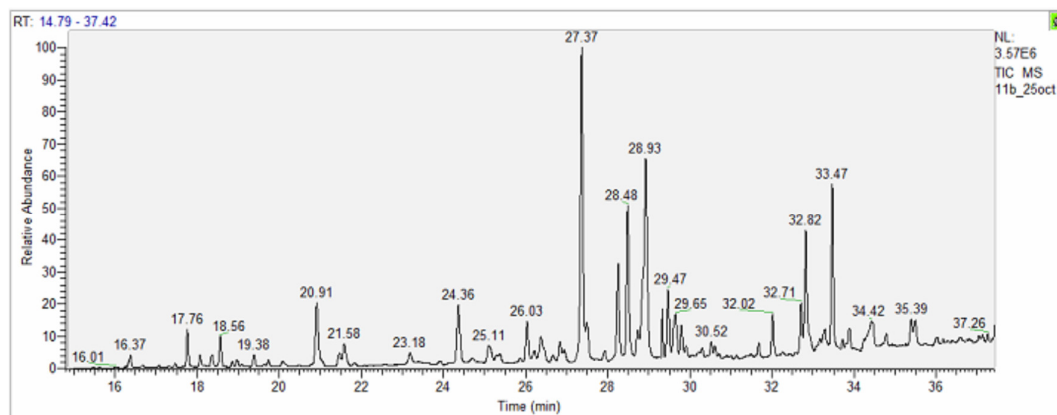


Figure S1. Gas chromatography-mass spectrometry (GC-MS) analysis of total EPS obtained from autotrophic culture of *T. suecica*.

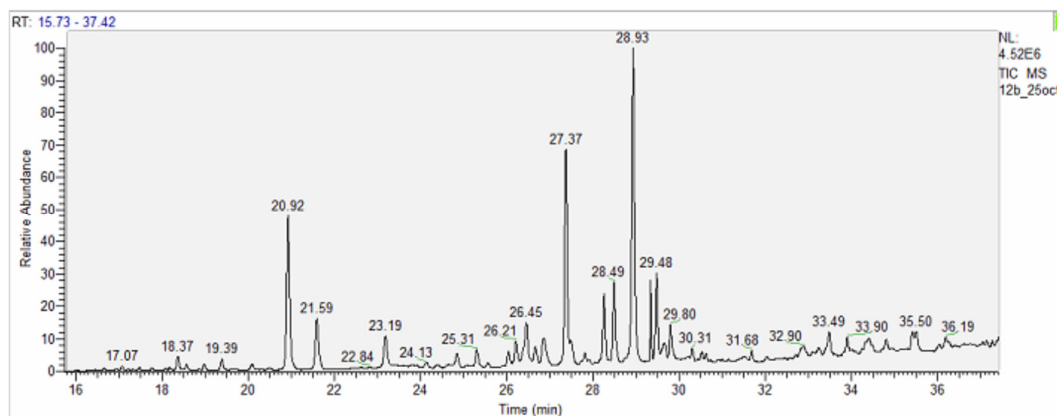


Figure S2. Gas chromatography-mass spectrometry (GC-MS) analysis of acid EPS obtained from autotrophic culture of *T. suecica*.

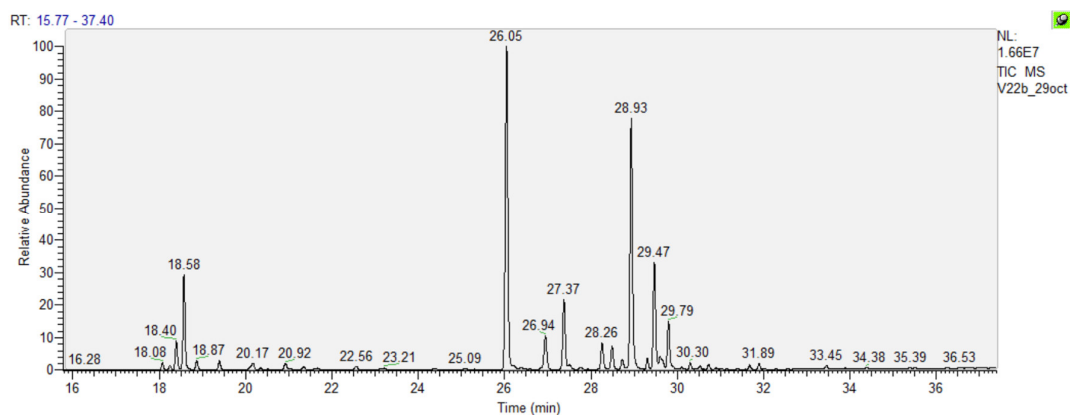


Figure S3. Gas chromatography-mass spectrometry (GC-MS) analysis of total EPS obtained from heterotrophic culture of *T. suecica*.

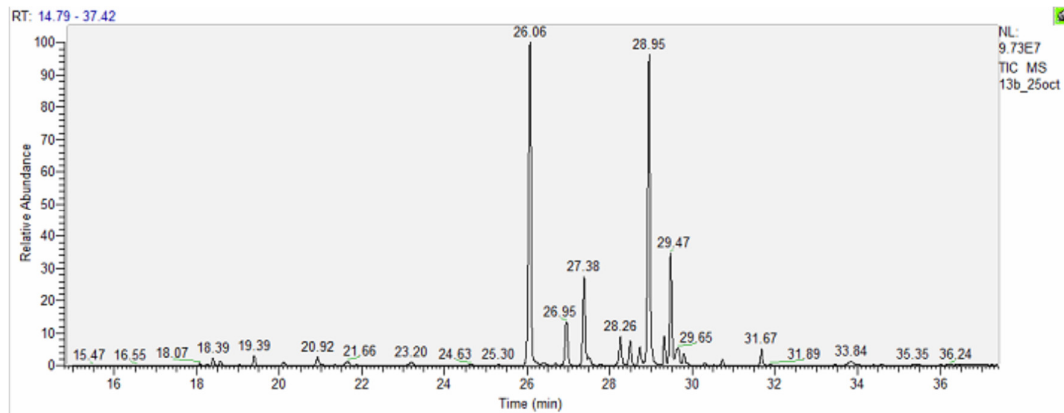


Figure S4. Gas chromatography-mass spectrometry (GC-MS) analysis of acid EPS obtained from heterotrophic culture of *T. suecica*.



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