

Supplementary Material

Potential of *Phaeodactylum tricornutum* for Biodiesel Production under Natural Conditions in Chile

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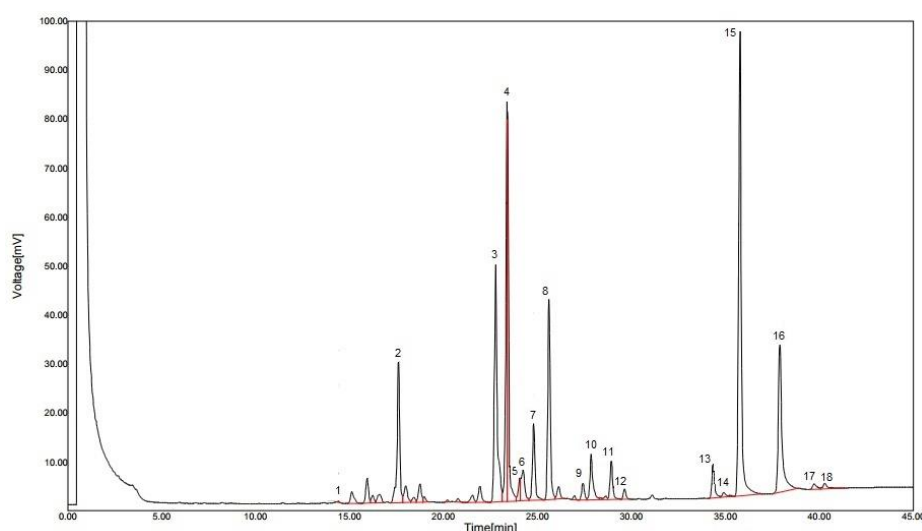


Figure S1. Gas Chromatography peaks from *P. tricornutum* Fatty Acid Methyl Esters. Numbers indicate Fatty Acid Methyl Esters listed in Table S1.

Table S1. Total Fatty Acid Methyl Esters obtained from *P. tricornutum* Gas Chromatography transesterificated oil.

Number	Fatty Acid Methyl Esters	Chain	Retention Time (min)	Area (mV·s ⁻¹)
1	Methyl Undecanoate	C11:0	14.4000	2.1207
2	Methyl Dodecanoate	C12:0	17.6000	285.7194
3	Methyl Pentadecanoate	C15:0	22.7667	505.5615
4	Methyl Pentadecenoate	C15:1 cis-10	23.4000	429.1050
5	Not identified	--	24.0500	33.8629
6	Not identified	--	24.2333	85.9821
7	Methyl Palmitoleate	C16:1 cis-9	24.7833	156.1439
8	Methyl Heptadecanoate	C17:0	25.6000	385.3978
9	Methyl Heptadecenoate	C17:1 cis-10	27.4000	35.8380
10	Methyl Stearate	C18:0	27.8500	101.6849
11	Methyl Oleate	C18:1 cis-9	28.9333	78.9888
12	Methyl Linoleidate	C18:2 trans-9,12	29.6333	21.3046
13	Methyl Heneicosanoate	C21:0	34.3333	72.5130
14	Methyl Eicosadienoate	C20:2 cis-11,14	34.9000	16.2862
15	Methyl Eicosatrienoate	C20:3 cis-8,11,14	35.7833	948.9099
16	Internal Standard	--	37.9000	414.7108
17	Methyl Arachidonate	C24:4 cis-5,8,11,14	39.7167	17.1807
18	Methyl Docosadienoate	C22:2 cis-13,16	40.2667	19.4047



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