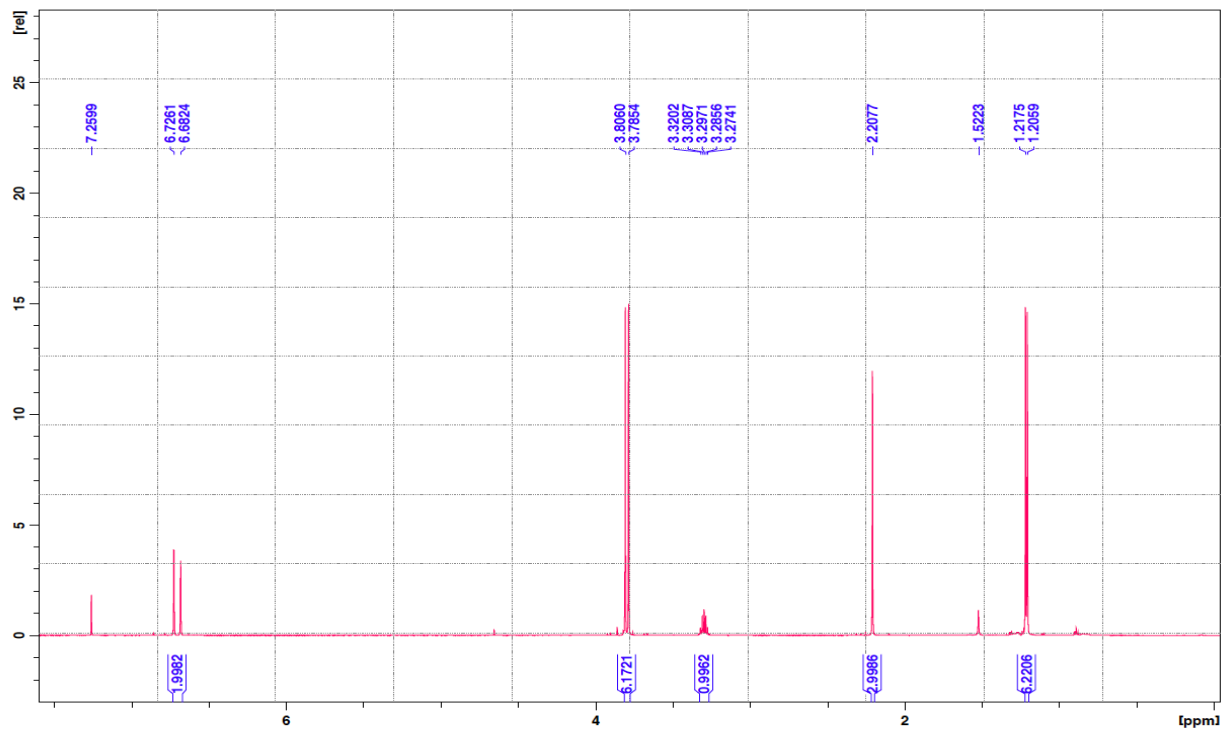


**Table S1.** Chemical composition of *Ayapana triplinervis* essential oil (aerial part) from Reunion Island

No	Compounds	KI <sup>a</sup>	Identification	Composition (%)
1	Tricyclene	923	KI, MS	< 0.01
2	$\alpha$ -Thujene	931	KI, MS	0.99
3	$\beta$ -Pinene	976	KI, MS	1.82
4	Myrcene	985	KI, MS	0.06
5	$\alpha$ -Phellandrene	1006	KI, MS	2.03
6	<i>p</i> -Cymene	1022	KI, MS	0.68
7	Limonene	1026	KI, MS	0.22
8	$\beta$ -Phellandrene	1028	KI, MS	< 0.01
9	( <i>Z</i> )- $\beta$ -Ocimene	1041	KI, MS	0.02
10	( <i>E</i> )-4,8-dimethyl-1,3,7-nonatriene	1110	KI, MS	0.15
11	Thymol methyl ether *isomer	1225	KI, MS	1.46
12	Thymol methyl ether	1234	KI, MS	0.36
13	Carvacrol methyl ether	1245	KI, MS	< 0.01
14	( <i>E</i> )-Sabinyl acetate	1291	KI, MS	0.07
15	Neryl acetate	1364	KI, MS	0.04
16	Linalool isobutyrate	1379	KI, MS	< 0.01
17	$\beta$ -Elemene	1384	KI, MS	0.09
18	Cyperene	1397	KI, MS	0.08
19	<b>Thymohydroquinone dimethyl ether</b>	<b>1420</b>	<b>KI, MS</b>	<b>87.06</b>
20	1,4-Dimethoxy-2-methyl-5-(prop-1-en-2-yl) benzene	1432	KI, MS	0.04
21	$\alpha$ -Humulene	1452	KI, MS	0.03
22	Drima-7,9(11)-diene	1465	KI, MS	< 0.01
23	$\beta$ -Chamigrene	1468	KI, MS	0.07
24	$\beta$ -Selinene	1483	KI, MS	1.87
25	Bicyclogermacrene	1489	KI, MS	< 0.01
26	$\alpha$ -Muuroolene	1500	KI, MS	0.20
27	$\delta$ -Amorphene	1511	KI, MS	0.03
28	$\beta$ -Sesquiphellandrene	1518	KI, MS	< 0.01
29	Elemol	1541	KI, MS	0.03
30	Tert-Butyl 2-(4-methoxyphenyl) acetate	1550	KI, MS	< 0.01
31	( <i>E</i> )-Nerolidol	1555	KI, MS	0.03
32	Caryophyllene oxide	1573	KI, MS	0.07
33	5-Cedranone *isomer	1609	KI, MS	0.74
34	5-Cedranone	1612	KI, MS	0.20
35	$\alpha$ -Eudesmol	1649	KI, MS	0.08
36	Ar Turmerone	1656	KI, MS	0.32
37	Ar-Turmerone *isomer	1661	KI, MS	0.23
38	$\beta$ -Turmerone	1693	KI, MS	0.11

<sup>a</sup> Kováts retention indices calculated against C<sub>8</sub>–C<sub>23</sub> *n*-alkanes on nonpolar ZB-5MS column.

A.



B.

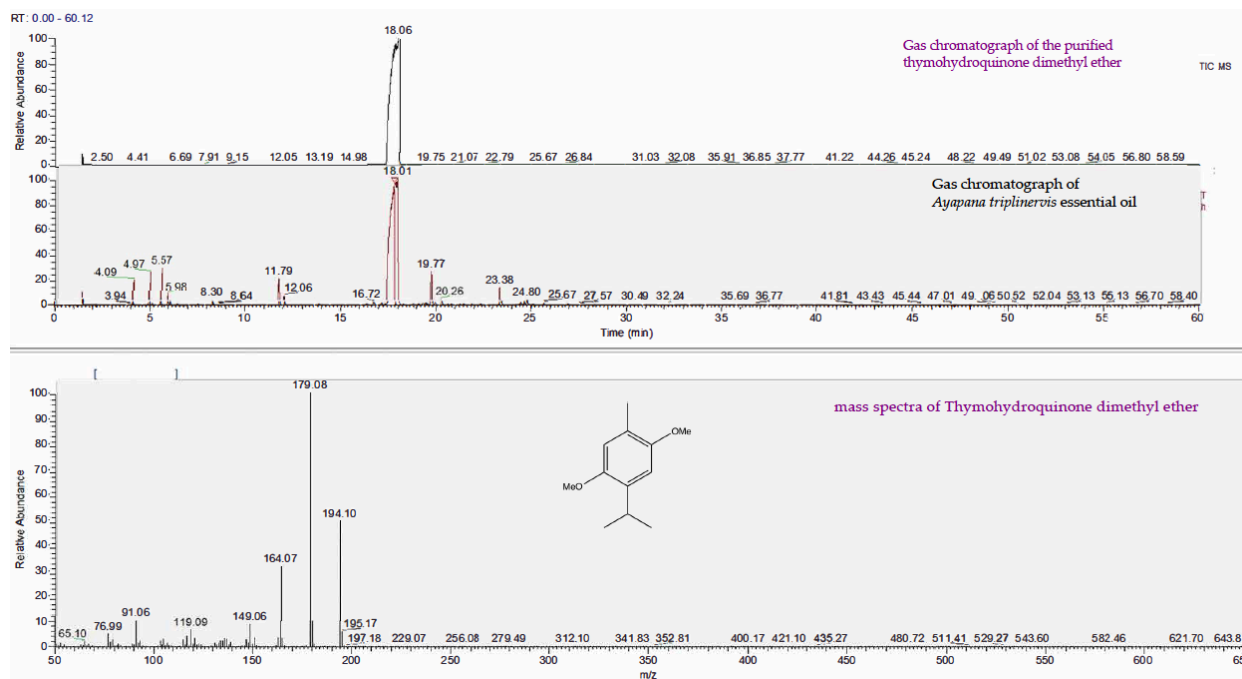


Figure S1. Characterisation of thymohydroquinone dimethyl ether after purification from *A. triplinervis* essential oil. (A). <sup>1</sup>H NMR spectra of purified thymohydroquinone dimethyl ether. (B). Gas chromatograph of purified thymohydroquinone dimethyl ether and *A. triplinervis* essential oil.