

Table 1 Analysis of BVOCs in Cypress branches and leaves

No.	Retention time (tR/min)	Compound name	CAS number	Relative content (%)	Concentration ( $\mu\text{g/g}$ )
1	10.6	3-Carene	13466-78-9	0.057	0.15
2	11.3	(+)-2-Carene	4497-92-1	0.155	0.317
3	12.0	Cyclofenchene	488-97-1	30.994	1.136
4	12.2	$\alpha$ -Thujene	2867-05-2	1.703	4.46
5	12.6	(-)- $\alpha$ -Pinene	7785-26-4	67.313	176.328
6	13.0	$\alpha$ -Fenchene	471-84-1	1.722	4.512
7	13.1	Camphene	79-92-5	0.522	1.073
8	13.2	2,4(10)-Thujadiene	36262-09-6	0.013	0.034
9	14.0	4(10)-Thujene	3387-41-5	6.422	16.876
10	14.2	(-)- $\beta$ -Pinene	18172-67-3	2.082	5.454
11	14.6	Myrcene	123-35-3	2.091	5.477
12	15.0	4-Carene; (+)-4-Carene	29050-33-7	0.024	0.062
13	15.4	(+)-3-Carene	498-15-7	14.046	36.795
14	15.7	$\alpha$ -Terpinene	99-86-5	0.143	0.376
15	15.8	O-Cymene	527-84-4	0.031	0.082
16	16.0	M-Cymene	535-77-3	0.228	0.598
17	16.1	D-Limonene	5989-27-5	0.752	1.969
18	16.2	$\beta$ -Phellandrene	555-10-2	1.225	3.209
19	16.3	(E)- $\beta$ -ocimene	3779-61-1	0.029	0.076
20	17.1	b-Ocimene (>90%)	13877-91-3	0.014	0.037
21	17.3	$\gamma$ -Terpinene	99-85-4	0.247	0.648
22	18.2	(-)-2-carene	554-61-0	0.045	0.118
23	18.3	Terpinolene	586-62-9	0.736	1.927
24	18.5	m-Isopropenyltoluene	1124-20-5	0.012	0.03
25	19.9	$\alpha$ -Campholenal	4501-58-0	0.014	0.038
26	20.5	(-)-trans-Pinocarveol	547-61-5	0.029	0.077
27	25.7	(-)-Bornyl acetate	5655-61-8	0.024	0.062
28	30.4	(E)-2-epi- $\beta$ -caryophyllene	87-44-5	0.012	0.031