Supplementary Online Information

Interspecific Cross-Attraction between the South American Cerambycid Beetles *Cotyclytus curvatus* and *Megacyllene acuta* is Averted by Minor Pheromone Components

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List of Supplementary Figures

hydroxyhexan-2-one; C) An extract of volatiles from male *Megacyllene acuta* spiked with racemic 3-hydroxyhexan-2-one. Analysis conditions as in Fig. S8.

Fig. S11 Gas chromatograms run on a Cyclodex B chiral stationary phase column of: A) a synthetic mixture of all four 2,3-hexanediol stereoisomers; B) An extract of volatiles from male *Megacyllene acuta* spiked with the mixture of all four stereoisomers of 2,3-hexanediol. Analysis conditions as in Fig. S8.

Fig. S1

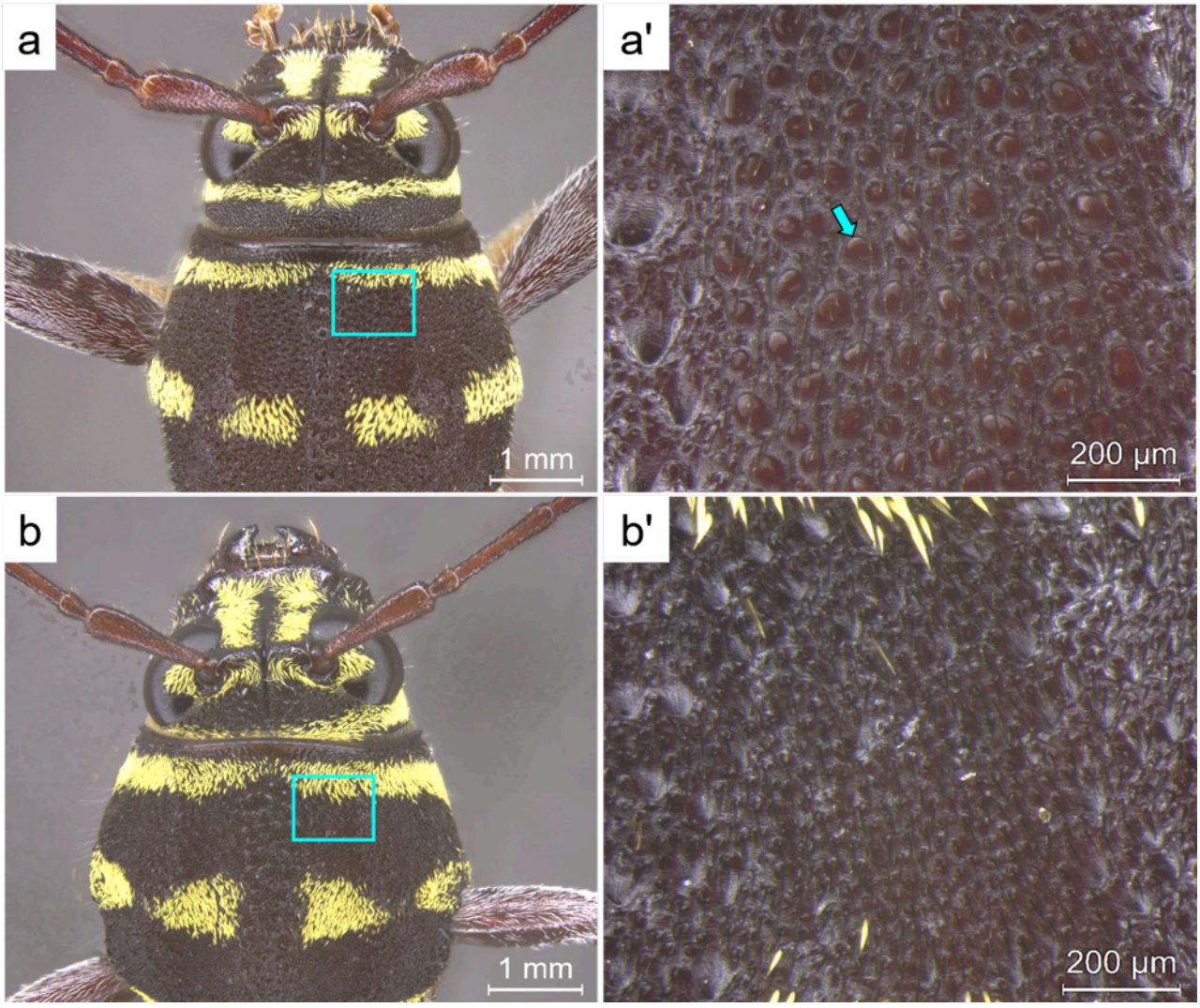

Fig. S2

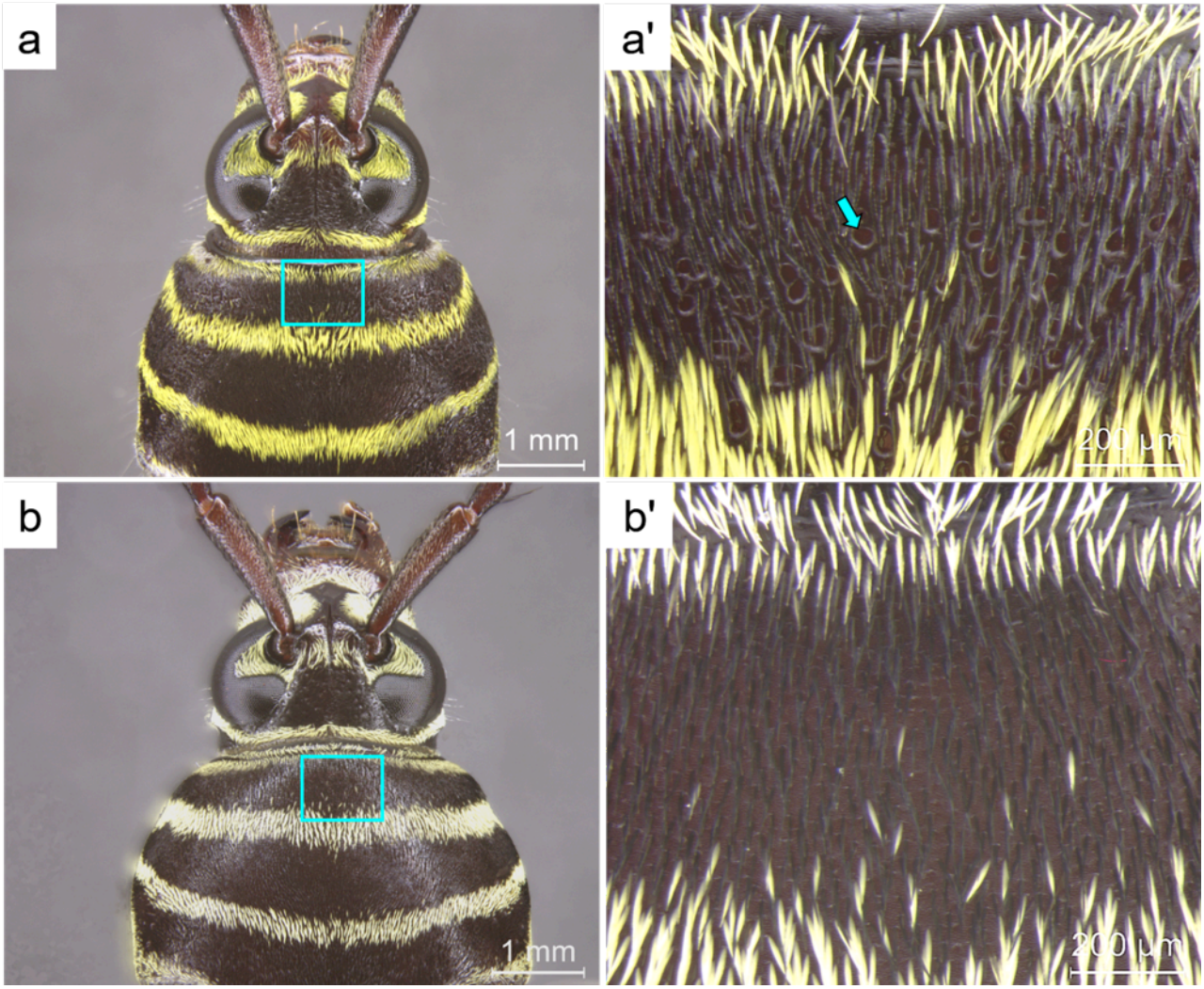

Fig. S3

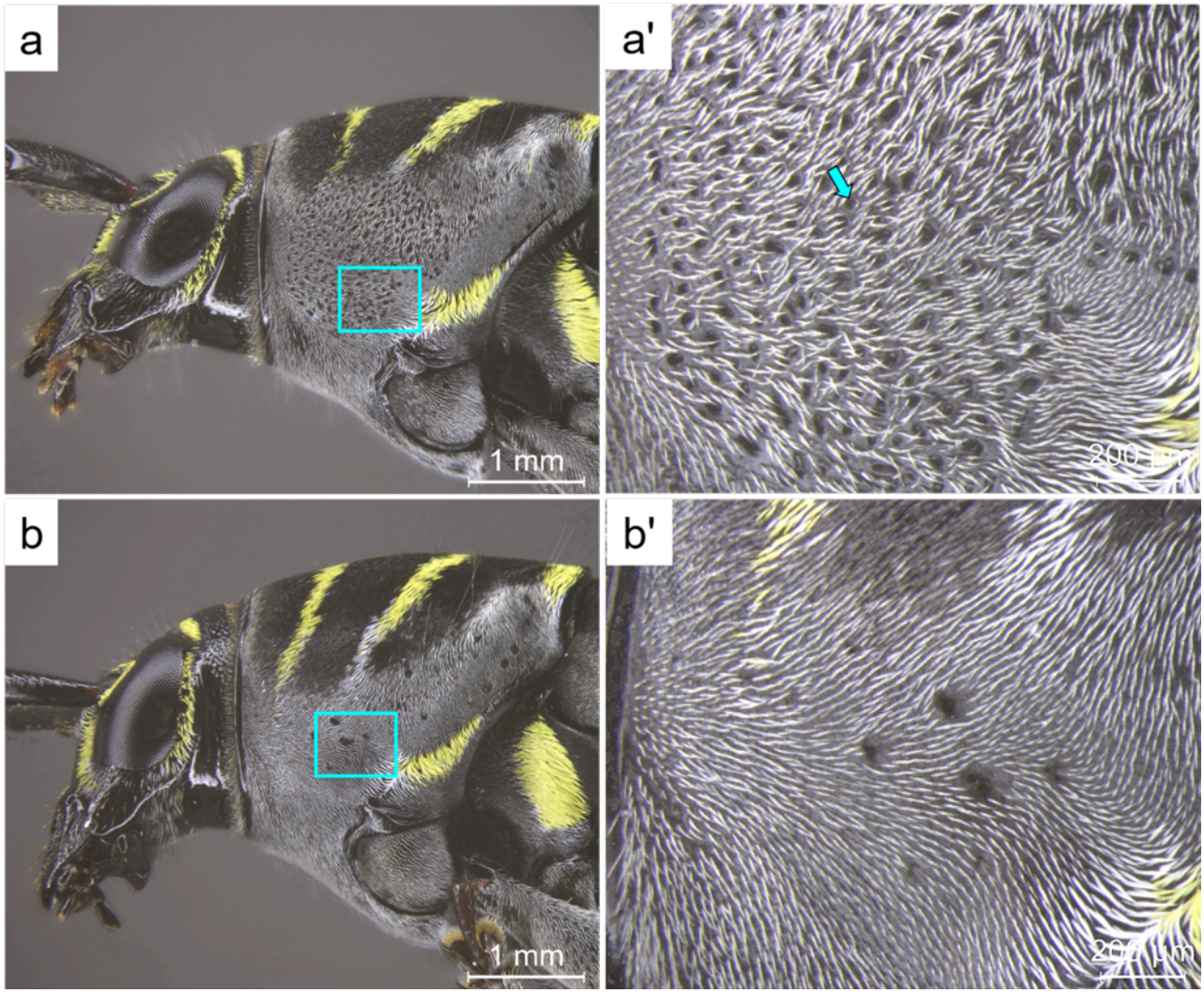

Fig. S4

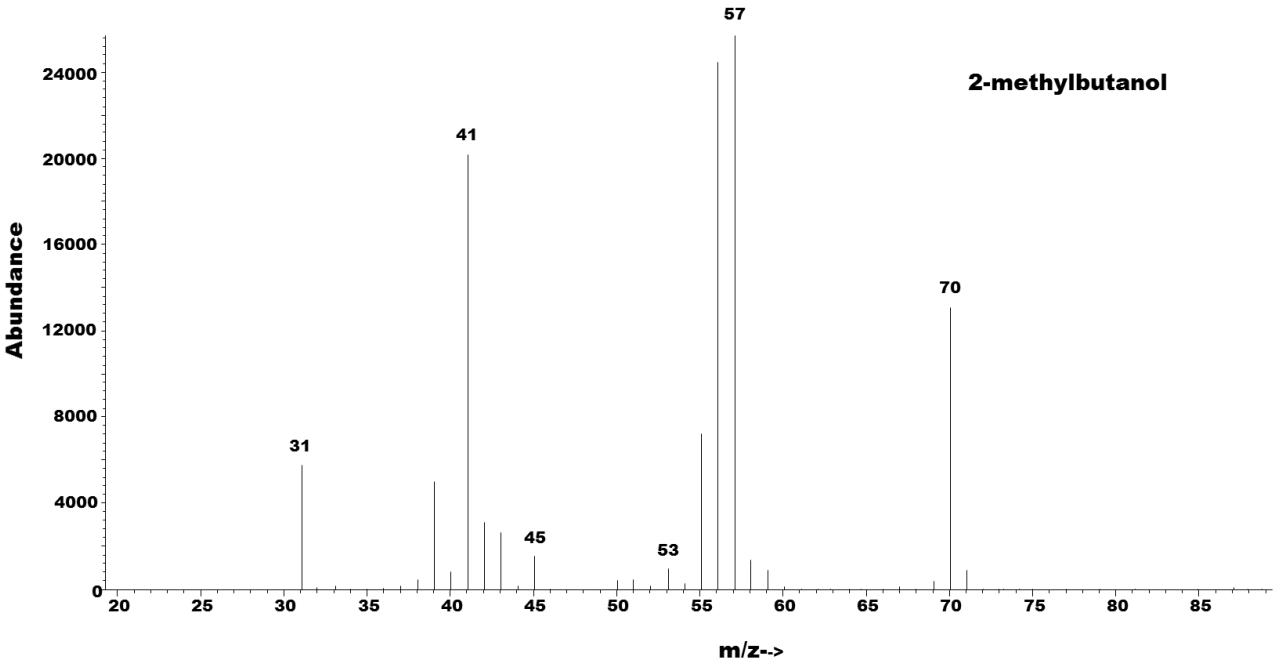
2-methylbutanol
Abundance
m/z-->
57
41
70
31
45
53
24000
20000
16000
12000
8000
4000
0
20
25
30
35
40
45
50
55
60
65
70
75
80
85

Fig. S5

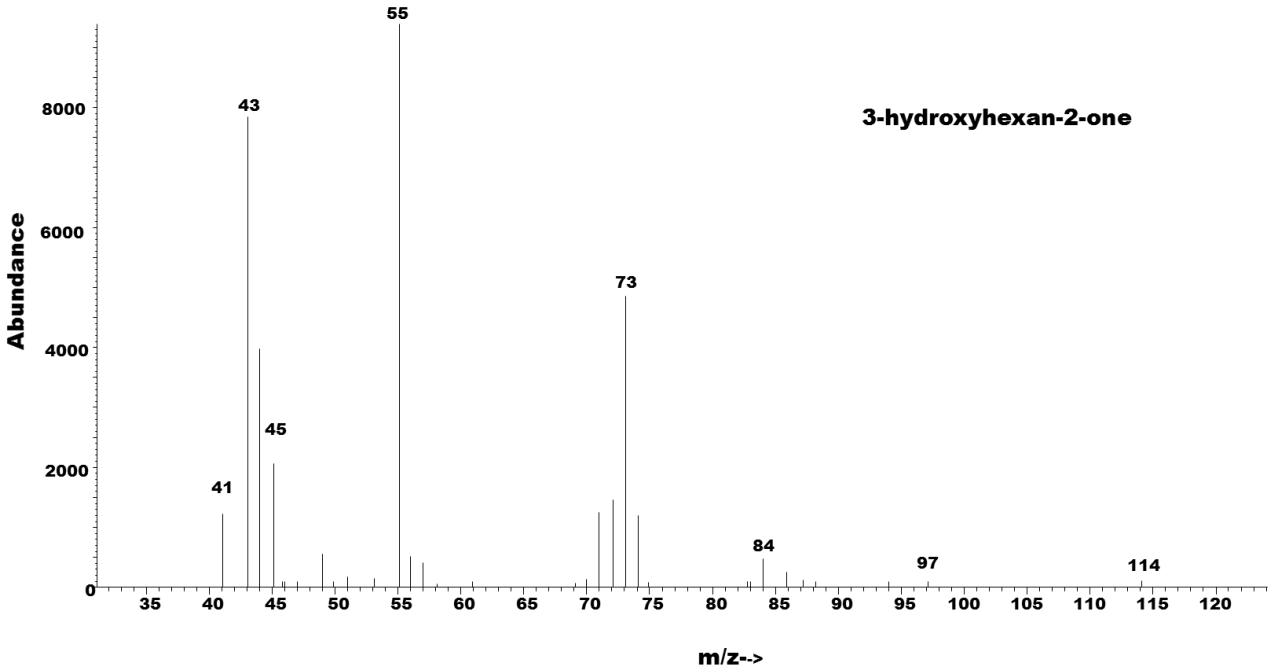
3-hydroxyhexan-2-one
Abundance
m/z-->
55
43
73
45
41
84
97
114
0
2000
4000
6000
8000
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120

Fig. S6

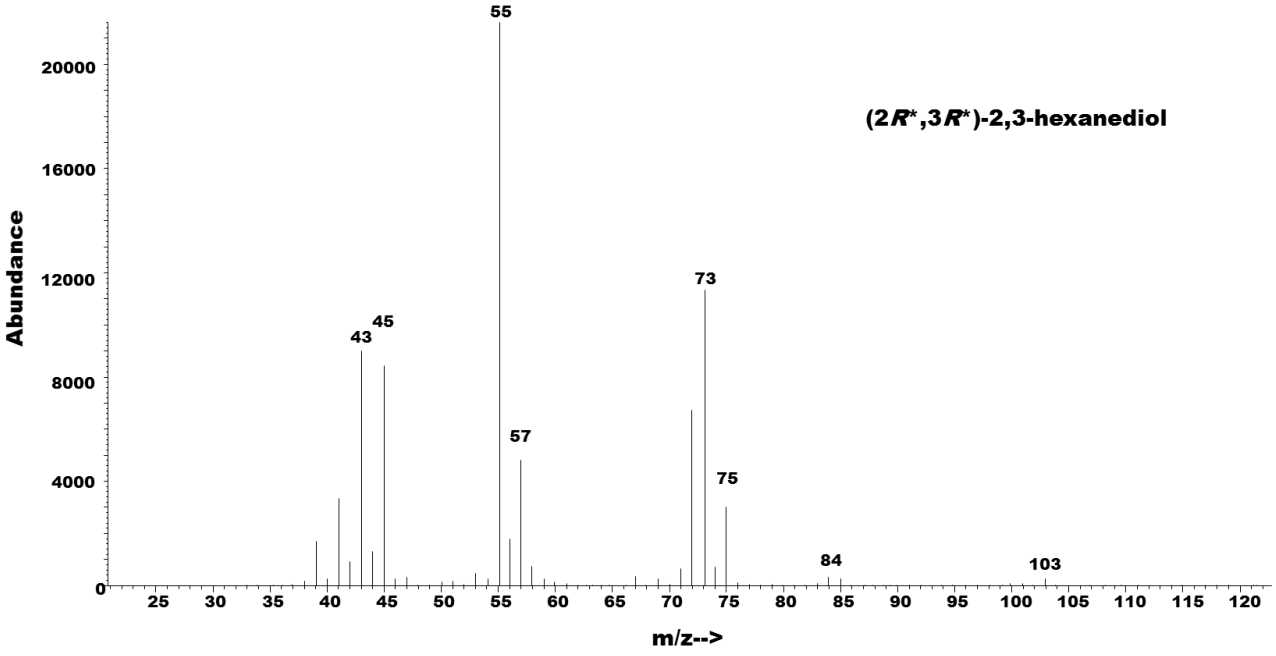
(2R*,3R*)-2,3-hexanediol
Abundance
m/z-->
55
73
45
43
57
75
84
103
0
4000
8000
12000
16000
20000
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120

Fig. S7

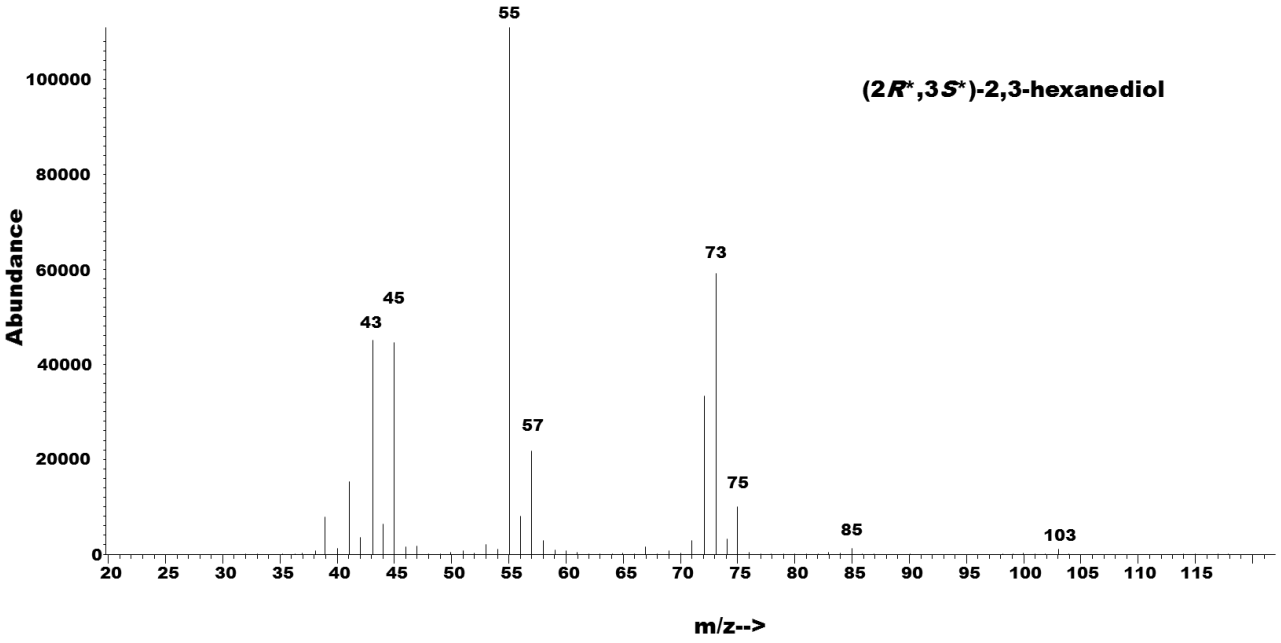
(2R*,3S*)-2,3-hexanediol
Abundance
m/z-->
55
73
45
43
57
75
85
103
100000
80000
60000
40000
20000
0
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115

Fig. S8

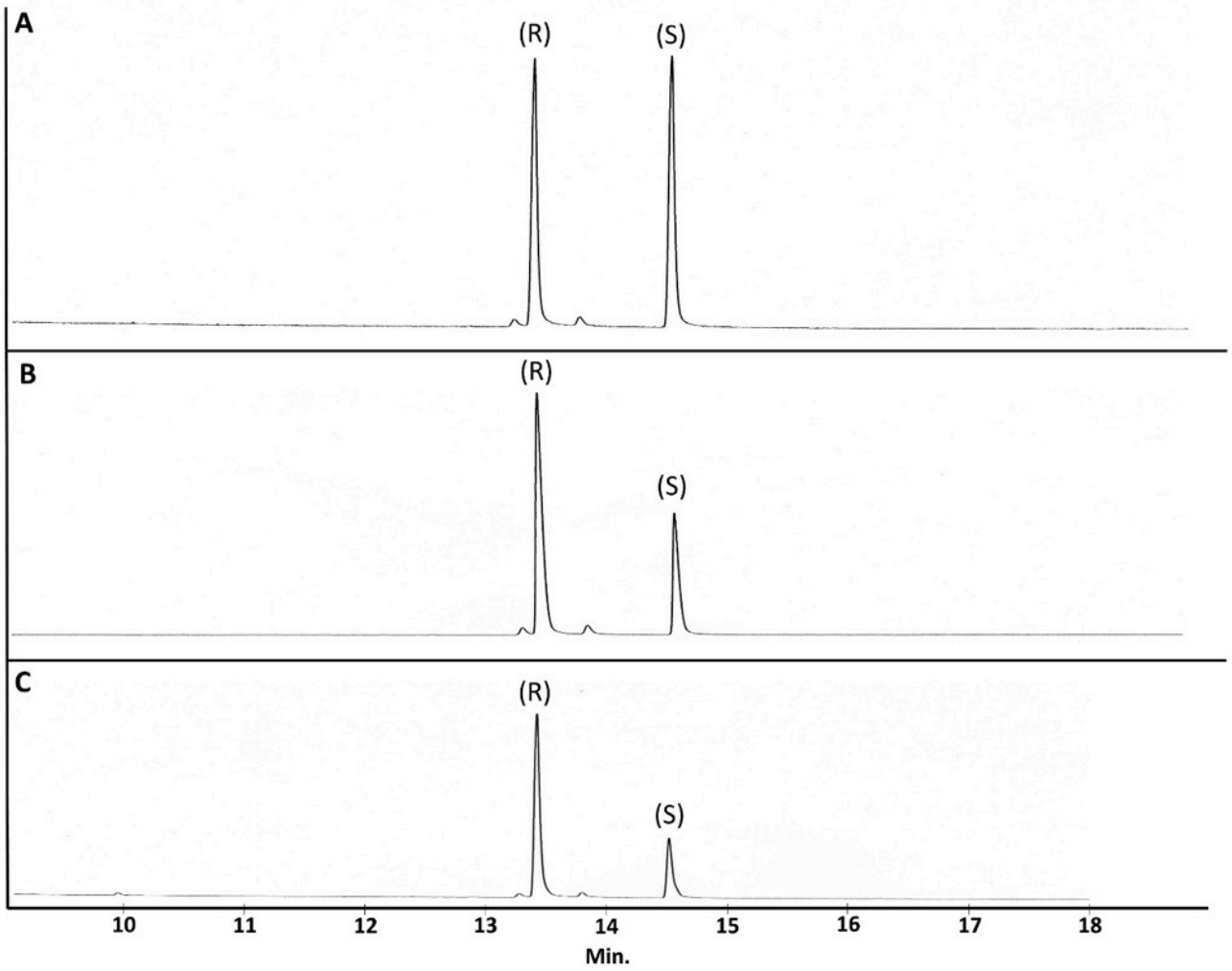

Fig. S9

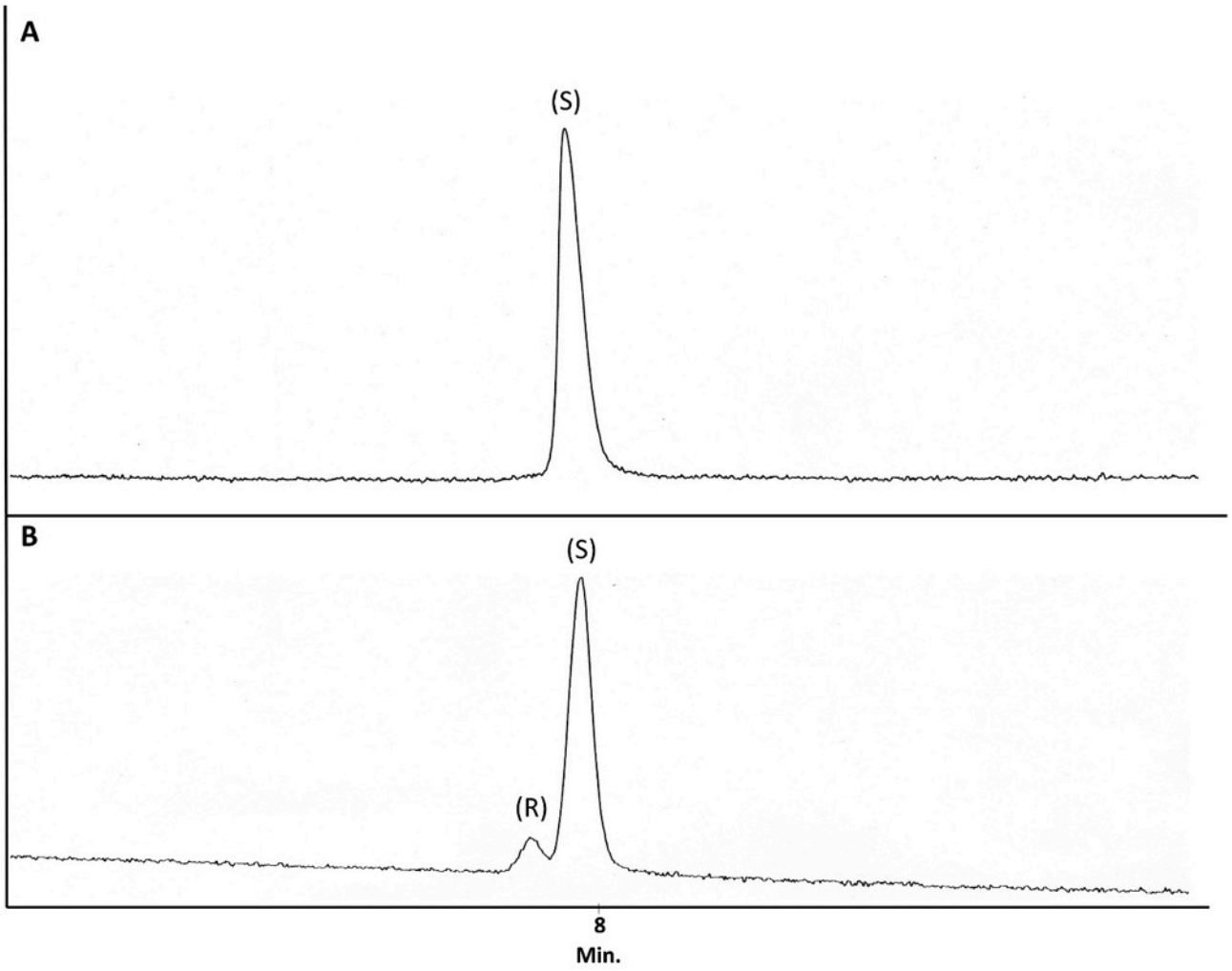

Fig. S10

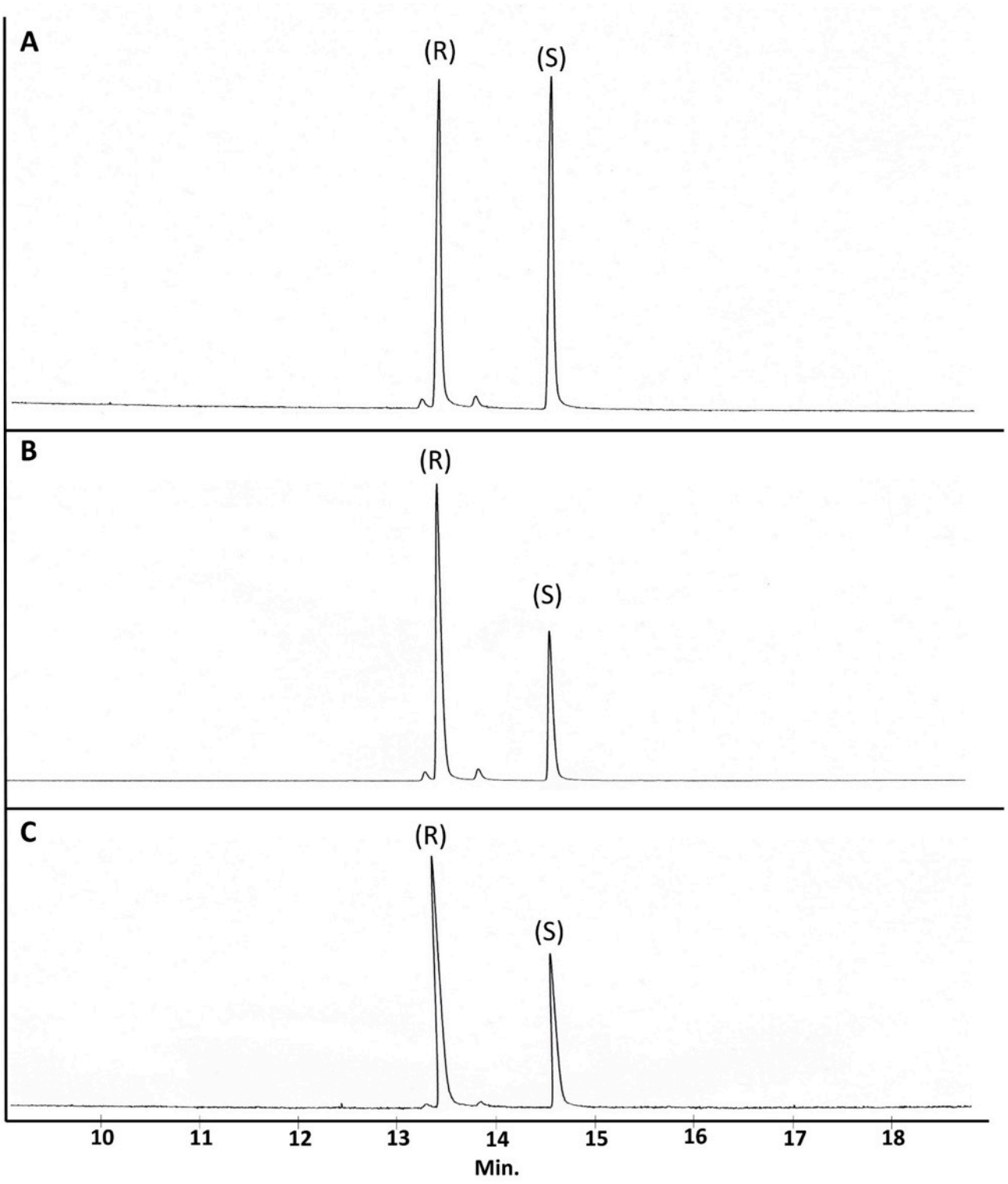

Fig. S11