

Top 5 Abundant Chemicals in Plants with min. 90% Similarity within cluster_11

Chemicals

(E)-Anethole	95.6	86.2	96.1	91.8	94.7	87.6	93.9	85.0	91.8	94.1	88.2	94.6	98.2	85.0	87.3	88.5	87.1	86.0	86.1	87.9
Methyl chavicol	2.2	5.0	0.3	1.2	2.1	4.5		1.0	1.2	2.0	1.7	4.4	1.1	2.3	3.2	3.6		8.5	6.7	0.6
Fenchone														6.5	8.0	1.5	2.1			
Limonene		0.3	0.6		0.1									4.0	0.8	3.5	4.7		0.7	2.4
(Z)-Anethole	0.1		0.4	0.3	0.4	3.7	0.4	2.3	0.3	0.2		0.1	0.3			0.1	3.5	0.2	0.4	0.2
Anisaldehyde	0.2	2.5	0.6	0.6	0.5	0.2	2.0	0.9	0.6	0.5			0.1	0.1		1.0			0.6	0.3
Anisalcohol		0.2	0.4		0.4		3.5													
Linalool		0.2	0.3		0.2			0.2					0.1						2.3	0.7
beta-Caryophyllene		2.4																0.7	0.5	0.4
2-(1-E-Propenyl)-5-methoxyphenyl 2-methylbutyrate				1.4					1.4	1.0										
Carvone		1.5				1.2														
alpha-Pinene								0.2				0.1		0.4		0.2	0.2	0.1	0.6	0.5
Sesquiterpene hydrocarbons (unknown)									2.2											
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p-Methoxyphenylacetone		0.8				0.4														0.1
trans-Isoosmorhizol																		1.2		
(Z)-beta-Ocimene																0.2		0.8		
Anisyl propionate	1.1																			
gamma-Himachalene										1.0										
1,8-Cineole														0.1		0.2	0.4			0.2
4-Methoxyacetophenone								0.9												
Foeniculin																				0.9
delta-3-Carene																			0.2	0.6
gamma-Terpinene															0.4					0.3
Isochavibetol					0.5															
(E)-Cinnamyl aldehyde											0.4									
Anisyl butyrate	0.2																			
Carvacrol												0.2								
Ionol												0.1								
alpha-Farnesene													0.1							
Monoterpene hydrocarbons (unknown)													0.1							

Concentration (%)



Plants

Anise (Colombia) - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (Egypt) - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (Spain) 1 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (Spain) 2 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (Turkey) 1 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (Turkey) 2 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise (USSR) - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise seed 1 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise seed 2 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise seed 3 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Anise seed 4 - Pimpinella anisum L., fam. Apiaceae (Umbelliferae)
Backhousia anisata leaf 1 - Backhousia anisata Vickery (Chemotype 1), fam. Myrtaceae
Clausena heptaphylla leaf (India) 1b - Clausena heptaphylla W&A, fam. Rutaceae
Fennel, bitter (Italy) 1 - Foeniculum vulgare Miller, var. vulgare DC, fam. Apiaceae (Umbelliferae)
Fennel, bitter (Uzbekistan) - Foeniculum vulgare Miller, fam. Apiaceae (Umbelliferae)
Fennel, sweet (Italy) 1 - Foeniculum vulgare Miller, var. dulce DC, fam. Apiaceae (Umbelliferae)
Fennel, sweet (Italy) 2 - Foeniculum vulgare Miller, var. dulce DC, fam. Apiaceae (Umbelliferae)
Scandix australis - Scandix australis L., fam. Apiaceae (Umbelliferae)
Star anise (China) 2 - Illicium verum Hooker fil., fam. Magnoliaceae (Illiciaceae)
Star anise (China, Shangyou) 4 - Illicium verum Hooker fil., fam. Magnoliaceae (Illiciaceae)