

# C DECANOIC-ACID

## Chemid

DECANOICACID

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Plant                 | Part          | Low PPM | High PPM | StdDev              | Reference                                                                                                                                    |
|-----------------------|---------------|---------|----------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Asimina triloba       | Fruit         | 0.01    | 0.662    | -0.7061996528286495 | --                                                                                                                                           |
| Cinnamomum aromaticum | Plant         | --      | --       |                     | --                                                                                                                                           |
| Citrullus colocynthis | Petiole       | --      | --       |                     | --                                                                                                                                           |
| Citrus limon          | Essential Oil | --      | --       |                     | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.                                                     |
| Citrus reticulata     | Fruit         | 3       | 3        | 1.4142131746286055  | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.                                                     |
| Cocos nucifera        | Endosperm     | --      | --       |                     | Jim Duke's personal files.                                                                                                                   |
| Cocos nucifera        | Seed          | 4100    | 50330    | 1                   | --                                                                                                                                           |
| Elettaria cardamomum  | Fruit         | --      | --       |                     | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.                    |
| Ephedra sinica        | Shoot         | --      | --       |                     | --                                                                                                                                           |
| Glycyrrhiza glabra    | Root          | 1       | 1        |                     | Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122. |

| Plant                   | Part              | Low PPM | High PPM | StdDev              | Reference                                                                                                                                                                                                            |
|-------------------------|-------------------|---------|----------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Houttuynia cordata      | Essential Oil     | --      | --       |                     | --                                                                                                                                                                                                                   |
| Houttuynia cordata      | Shoot Essent. Oil | --      | --       |                     | --                                                                                                                                                                                                                   |
| Morinda citrifolia      | Fruit             | --      | 0.66     | -0.7080135217999561 | --                                                                                                                                                                                                                   |
| Origanum vulgare        | Plant             | 0       | 0        | -1                  | Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.                                |
| Origanum vulgare        | Plant             | 10      | 10       | 1                   | Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.                                |
| Pelargonium citrosum    | Shoot             | --      | 90       | 1.3620618030076148  | Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of Aedes Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74. |
| Rheum palmatum          | Rhizome           | --      | 2.5      |                     | --                                                                                                                                                                                                                   |
| Satureja odora          | Shoot             | 25      | 25       | -0.3514998201309975 | Zygadlo, J.A., Merino. E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.                            |
| Satureja parvifolia     | Shoot             | 0       | 0        | -1.0105619828766177 | Zygadlo, J.A., Merino. E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.                            |
| Scutellaria baicalensis | Root Essent. Oil  | --      | --       |                     | --                                                                                                                                                                                                                   |
| Serenoa repens          | Fruit             | --      | --       |                     | --                                                                                                                                                                                                                   |
| Virola surinamensis     | Seed              | 4200    | 4760     | -1                  | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses                                                                                                                                            |