**Table 3.** Antimicrobial activity of the DCM compound mixtures against *Y. ruckeri* and *S. parasitica*.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Compound | RS | MC | FA | FAE | IND |
| Hexadecane |  |  |  |  |  |
| Myristic acid | • |  | • |  | • |
| Ethyl myristate | • |  |  | • | • |
| Hexahydrofarnesyl acetone |  |  |  |  |  |
| Hexadecenoic acid, Z - 11 |  |  |  |  |  |
| Palmitic acid | • | • | • |  | • |
| Ethyl palmitate | • |  |  | • | • |
| Phytol | • | • |  |  | • |
| Oleic acid | • |  | • |  | • |
| Ethyl linoleate |  |  |  |  |  |
| Ethyl linolenate |  |  |  |  |  |
| Stearic acid | • |  | • |  | • |
| Methyl DHA |  |  |  |  |  |
| Methyl EPA |  |  |  |  |  |
| % of DCM | 86 | 71 | 34 | 8 | - |
| 1Antibacterial activity (mm) | 9.0 ± 0.5a\* | 8.5 ± 0.2a | 7.0 ± 0.1b | 7.0 ± 0.1b | < 8.0 ± 0.0 |
| 2Antifungal activity (%) | 15.3 ± 0.1b | 11.2 ± 0.2c | 18.2 ± 0.5a | 10.9 ± 0.2c | < 17.9 ± 0.1 |
| Concentration tested: 11 mg disc-1. 2250 µg ml-1 per plate. RS: reconstituted sample; FA: fatty acid; FAE: fatty acid esters; MC: main compounds; IND: single compounds (commercial standards). (\*) The means that are followed by the same letter do not differ significantly at p < 0.05 (Conover - Inman test). | | | | | |