**Table S3.** HS-GC/MS measurement results for Olive oil samples N1-N9.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample code** | **Peak area ratio** | **Estimated amount of DMB in the sample (μg/l)** | **Average amount of DMB (μg/l)** | **R**SD % |
| **N1** | 0.000160 | 9.1 | 9.7 | 5.20 |
|  | 0.000172 | 9.8 |  |  |
|  | 0.000179 | 10.1 |  |  |
| **N2** | 0.000206 | 11.7 | 11.4 | 2.53 |
|  | 0.000197 | 11.2 |  |  |
|  | 0.000198 | 11.2 |  |  |
| **N3** | 0.000134 | 7.6 | 8.3 | 6.96 |
|  | 0.000151 | 8.6 |  |  |
|  | 0.000152 | 8.6 |  |  |
| **N4** | 0.000129 | 7.3 | 7.8 | 6.45 |
|  | 0.000155 | 8.3 |  |  |
|  | 0.000136 | 7.7 |  |  |
| **N5** | 0.000131 | 7.4 | 6.8 | 7.78 |
|  | 0.000117 | 6.6 |  |  |
|  | 0.000112 | 6.4 |  |  |
| **N6** | 0.000090 | 5.1 | 4.8 | 6.01 |
|  | 0.000081 | 4.6 |  |  |
|  | 0.000081 | 4.6 |  |  |
| **N7** | 0.000076 | 4.3 | 4.8 | 8.67 |
|  | 0.000086 | 4.9 |  |  |
|  | 0.000089 | 5.1 |  |  |
| **N8** | 0.000165 | 8.8 | 8.8 | 7.36 |
|  | 0.000144 | 8.2 |  |  |
|  | 0.000167 | 9.5 |  |  |
| **N9** | 0.000038 | 2.2 | 1.5 | 39.84 |
|  | 0.000024 | 1.4 |  |  |
|  | 0.000018 | 1.0 |  |  |