

Annexe : Data base des molécules caractérisées au sein des tissus végétaux des Omvong et d'Eveuss

1. Composés obtenus par caractérisation LC-MS² et par identification putative avec le réseau moléculaire (*Dialium polyanthum*)

| Proposition du nom | Famille du composé | RT (min) | Théorique m/z | Déterminé m/z | Fragments | Formules | Écorces (%) | Aubier (%) | Duramen (%) |
|---|---------------------------------|----------|---------------|---------------|--|---|-------------|------------|-------------|
| Ajmaline ; N 4 -Propyle, tartrate d'hydrogène | Alcaloïde indolique | 1.565 | 519.27 | 519.229 | 519.27 ; 465.1178 ; 347.1867 | C ₂₇ H ₃₈ N ₂ O ₈ | 0.000 | 0.000 | 1.15 |
| Catéchine | Flavonoïde | 2,007 | 291.0863 | 290.105 | 291.0863 ; 255.1128 ; 239.1179 | C ₁₅ H ₁₄ O ₆ | 0.159 | 0.000 | 1.510 |
| 3-(2-Alkyl-5-oxazolyl) -1H-indoles ; 3-[2-(2-Methylpropyl) -5-oxazolyl] -1H-indole, 1'',2''-Didehydro | Alcaloïde indolique | 2.140 | 239.1177 | 238.176 | 239.1177 ; 217.1056 ; 195.1258 | C ₁₅ H ₁₄ N ₂ O | 0.002 | 0.007 | 1.160 |
| Beta-penta-O-galloyl-glucose | Glycoside phénolique | 2.774 | 958,151 | 957.21 | 958.151 ; 941.152 | C ₄₁ H ₃₂ O ₂₆ | 0.043 | 0.194 | 0.121 |
| 4-(4-diazoniophényl) anilino) benzènediazonium | - | 2.875 | 327.1231 | 326.24 | 327.123 ; 299.111 | C ₁₈ H ₁₂ N ₇ | 0.003 | 0.053 | 0.0163 |
| 5-Hydroxy-7-oxabicyclo [4.2.0] octa-1,5-diène-3,4-dione | Alcaloïde (dérivé benzoquinone) | 2.880 | 153.0182 | 152.073 | 153.0182 ; 147.0441 ; 128.0607 ; 116.0505 | C ₇ H ₄ O ₄ - _ - | 0.002 | 0.001 | 0.001 |
| Acide 3-méthylbenzoïque ; Nitrile | - | 2.923 | 118.0651 | 117.094 | 118.0863 ; 112.9555 ; 100.0756 | C ₈ H ₇ N | 0.129 | 0.515 | 4.63 |
| 2-methylquinolin | Alcaloïd derivatives | 1.615 | 144.0809 | 143.116 | 144.0809 ; 136.0756 ; 11.,0649 | C ₁₀ H ₉ N | 0.017 | 0.076 | 10.600 |

| | | | | | | | | | |
|----------------------------------|----------------------------|-------|----------|---------|--------------------------------------|---|-------|-------|-------|
| Norharman | Alcaloïde (beta-carboline) | 1.937 | 169.0759 | 168.133 | 169.0759 ; 144.0818 ; 130.0650 | C ₁₁ H ₈ N ₂ | 0.000 | 0.005 | 0.657 |
| β-carboline-1-carboxaldéhyd | β-carboline | 1.984 | 197,0804 | 196.143 | 197.0804 ; 185.0711 | C ₁₁ H ₈ N ₂ - | 0.00 | 0.253 | 0.00 |
| 3-méthyl-4-phényl-1 H -pyrrole | β-carboline | 2.055 | 158.0968 | 157.127 | 158.0968 ; 143.0758 ; 127.0537 | C ₁₁ H ₁₁ N | 0.613 | 0.036 | 5.850 |
| 1-oxidopyrido[3,4-b] indol-9-ide | β-carboline | 2.063 | 187.086 | 182.132 | 187.0866; 159.0917; 144.0809 | C ₁₁ H ₆ N ₂ O ²⁻ - | 0.000 | 0.004 | 1.16 |
| Harman | Alkaloïd (béta-carboline) | 2.165 | 183.091 | 182.144 | 183.0921; 169.0759 | C ₁₂ H ₁₀ N ₂ | 0.106 | 0.24 | 2.17 |
| 1-Ethyl-β-carboline | β-carboline | 2.179 | 213.1023 | 196.155 | 213.1023 ; 195.0919 ; 183.0918 | C ₁₃ H ₁₂ N ₂ | 0.032 | 0.214 | 7.03 |
| 9H-pyrido[3,4-b] indol-1-ol | β-carboline | 3.452 | 185.0711 | 184.132 | 185.0810; 177.0545; 128.9509 | C ₁₁ H ₈ N ₂ O- | 0.003 | 0.131 | 0.24 |

2. Composés caractérisés par GC-MS dans les extraits obtenus par extraction soxhlet

Dialium polyanthum

| Solvant | Proposition du nom | Formule | RT | Écorces (%) | Duramen (%) | Aubier (%) |
|--------------------|---|---|-------|-------------|-------------|------------|
| Dichlorométhane | . beta.-Sitosterol | C ₂₉ H ₅₀ O | 29.63 | | 5.82 | 1.09 |
| | 1,2-Benzenedicarboxylic acid, mono(2-ethylhexyl) ester | C ₁₆ H ₂₂ O ₄ | 19.61 | 0.89 | | |
| | 2-[2-Hydroxyphenyl] -4-[2-nitrophenyl] -3H-1,5-benzodiazepine | C ₂₁ H ₁₅ N ₃ O ₃ | 30.24 | 5.63 | 6.29 | 9.78 |
| | 3.ALPHA.,5-CYCLO-ERGOSTA-7,22-DIEN-6-ONE | C ₂₈ H ₄₂ O | 28.91 | | 1.33 | 3.83 |
| | 5-hydroxy-7-methoxy-2-pentylchromone | C ₁₅ H ₁₈ O ₄ | 18.02 | 1.33 | | |
| | 7.alpha. -Methylcholesterol | C ₂₈ H ₄₈ O | 28.21 | | 1.15 | |
| | 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.53 | | 0.82 | |
| | Bikaverin | C ₂₀ H ₁₄ O ₈ | 16.66 | 1.92 | | |
| | Butyl stearate | C ₂₂ H ₄₄ O ₂ | 18.61 | | | 0.18 |
| | Campesterol | C ₂₈ H ₄₈ O | 27.79 | | 0.72 | |
| | Cholesta-6,22,24-triene, 4,4-dimethyl | C ₂₉ H ₄₆ | 29.00 | 1.51 | | |
| | D-Friedoolean-14-en-3-one | C ₃₀ H ₄₈ O | 29.36 | 2.46 | | |
| | Friedelan-3-one | C ₃₀ H ₅₀ O | 33.20 | 1.17 | | |
| | Hexadecanoic acid | C ₁₆ H ₃₂ O ₂ | 16.45 | | 4.29 | 2.95 |
| | l-Mannopyranose | C ₆ H ₁₂ O ₆ | 12.88 | | | 0.05 |
| | Mannose | C ₆ H ₁₄ O ₆ | 13.63 | | | 0.034 |
| | Octadecanoic acid | C ₁₈ H ₃₆ O ₂ | 17.75 | | 0.86 | |
| | Oleic acid | C ₁₈ H ₃₄ O ₂ | 17.61 | | | 1.54 |
| | Stigmast-4-en-3-one | C ₂₉ H ₄₈ O | 31.81 | | | 3.05 |
| | Stigmast-4-en-3-one (isomère) | C ₂₉ H ₄₈ O | 31.82 | 1.55 | 1.11 | |
| | Stigmasterol | C ₂₉ H ₄₈ O | 28.47 | | 0.94 | |
| | Tetradecanoic acid | C ₁₄ H ₂₈ O ₂ | 14.86 | | 0.35 | |
| | Threitol, 1,2,3,4-tetrakis-O-(trimethylsilyl)-, D | C ₄ H ₁₀ O ₄ | 11.41 | | | 0.31 |
| TETRACOSANOIC ACID | C ₂₄ H ₄₈ O ₂ | 24.00 | 0.78 | | | |
| Xylitol | C ₅ H ₁₂ O ₅ | 13.92 | | | 0.2 | |

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|---------|--|---|-------|------|------|--|
| Acétone | .beta.-Sitosterol | C ₂₉ H ₅₀ O | 30.08 | | 1.40 | |
| | 3,1,2-Azaazoniaboratine, 2,2-(1,5-cyclooctanediyl)-4,6-diethyl-2,3-dihydro-5-met | C ₃₂ H ₅₈ OSi | 14.88 | 0.11 | 8.45 | |
| | 3-Eicosene | C ₂₀ H ₄₀ | 16.03 | | 0.26 | |
| | cholesta-3,5(6)-diene | C ₂₇ H ₄₄ | 22.53 | | 2.35 | |
| | Cyclopentane-1-carbonitrile, 1-(4-hydroxy-3-methoxyphenyl) | C ₁₃ H ₁₅ NO ₂ | 14.71 | | 5.09 | |
| | Hexadecanoic acid | C ₁₆ H ₃₂ O ₂ | 16.44 | | 1.04 | |
| | methyl 7-(3-(3-hydroxyocta-1-enyl)-1-oxocyclopenta-2-en-2-yl)hept-5-enoate | C ₂₁ H ₃₂ O ₄ | 15.06 | | 3.99 | |
| | Octadecanoic acid | C ₁₈ H ₃₆ O ₂ | 17.75 | | 0.44 | |
| | Pentane, 2-methyl | C ₆ H ₁₄ | 1.40 | 0.90 | | |
| | Pregnan-16-one, 20-methyl-, (5.alpha.) | C ₂₂ H ₃₆ O | 14.99 | | 1.71 | |

Dialium lopense

| Solvant | Proposition du nom | Formule | RT | Écorces (%) | Duramen (%) | Aubier (%) |
|---------------------|---|---|-------|-------------|-------------|------------|
| Dichlorométhane | . beta. -Sitosterol | C ₂₉ H ₅₀ O | 29.65 | - | 1.52 | |
| | 1H-Indole-3-acetic acid | C ₁₀ H ₉ NO ₂ | 15.95 | | 0.76 | |
| | 1H-Indole-3-propanoic acid | C ₁₁ H ₁₁ NO ₂ | 14.81 | | 0.22 | |
| | 2-(3-methoxybenzyl) -1H-indole | C ₁₆ H ₁₅ NO | 25.90 | | 1.01 | |
| | 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E) | C ₃₀ H ₅₀ | 21.70 | | 2.56 | |
| | 2-[2-Hydroxyphenyl] -4-[2-nitrophenyl] -3H-1,5-benzodiazepine | C ₂₁ H ₁₅ N ₃ O ₃ | 30.26 | | 12.26 | |
| | 4,6-Dimethoxy-2,3-diphenyl-7-(1-pyrrolin-2-yl) indole | C ₂₆ H ₂₄ N ₂ O ₂ | 25.19 | | 0.50 | |
| | 9-Octadecenamide, (Z)- | C ₁₈ H ₃₅ NO | 18.53 | | 0.58 | |
| | Bikaverin | C ₂₀ H ₁₄ O ₈ | 28.23 | | 1.33 | |
| | Campesterol | C ₂₈ H ₄₈ O | 27.82 | | 0.52 | |
| | Heptadecanoic acid | C ₁₇ H ₃₄ O ₂ | 16.97 | | 0.17 | |
| | Hexadecanoic acid | C ₁₆ H ₃₂ O ₂ | 16.46 | | 3.78 | 2.30 |
| | Methyl ester of (16E)-16-Acetyl-17-methoxy-3. beta.,15.beta.-18-nor-coryna-16,20- | C ₂₃ H ₂₆ N ₂ O ₄ | 28.93 | | 1.74 | |
| | Oleic acid | C ₁₈ H ₃₄ O ₂ | 17.61 | | 1.67 | |
| | Rotenalone | C ₂₃ H ₂₂ O ₇ | 31.11 | | 0.59 | |
| Stigmast-4-en-3-one | C ₂₉ H ₄₈ O | 31.72 | | | 0.95 | |
| Acétone | .alpha.-D-Glucopyranose | C ₆ H ₁₂ O ₂ | 15.49 | 0.65 | | |
| | .beta.-Sitosterol | C ₂₉ H ₅₀ O | 30.10 | 1.08 | 3.61 | |
| | 1-Docosene | C ₂₂ H ₄₄ | 17.43 | 0.21 | 0.33 | |
| | 1-Eicosene | C ₂₀ H ₄₀ | 16.03 | | 0.76 | |
| | 1-Hexadecene | C ₁₆ H ₃₂ | 12.17 | 0.25 | 0.22 | 0.65 |
| | 1-Octadecene | C ₁₈ H ₃₆ | 14.34 | | 0.78 | 0.88 |
| | 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E) | C ₃₀ H ₅₀ | 21.67 | | 0.38 | |
| | 2-[2-Hydroxyphenyl]-4-[2-nitrophenyl]-3H-1,5-benzodiazepine | C ₃₀ H ₂₂ O ₂ | 30.04 | | | 0.55 |
| | 3-Eicosene, (E) | C ₂₀ H ₄₀ | 16.03 | | | 0.64 |
| | 3-Methylheneicosane | C ₂₂ H ₄₆ | 22.27 | 0.24 | | |
| | 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.52 | | 0.47 | 0.73 |

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|--|--|---|-------|------|------|------|
| | Cyclopentane-1-carbonitrile, 1-(4-hydroxy-3-methoxyphenyl) | C ₁₃ H ₁₅ NO ₂ | 12.69 | 0.12 | | |
| | D-Fructose | C ₆ H ₁₂ O ₆ | 14.74 | 0.64 | | |
| | Dodecanoic acid | C ₁₂ H ₂₄ O ₂ | 12.90 | 0.12 | | |
| | Heptacosane | C ₂₇ H ₅₆ | 24.82 | | | 0.96 |
| | Hexadecanoic acid | C ₁₆ H ₃₂ O ₂ | 16.44 | 1.58 | 0.96 | |
| | Nonacosane | C ₂₉ H ₆₀ | 22.27 | | | 0.38 |
| | Octacosane | C ₂₆ H ₅₄ | 30.73 | | | 0.88 |
| | Octadecanoic acid | C ₁₈ H ₃₆ O ₂ | 17.76 | 0.67 | | |
| | Oleic acid | C ₁₈ H ₃₄ O ₂ | 17.60 | 0.52 | 0.22 | |
| | Threitol | C ₄ H ₁₀ O ₄ | 11.40 | 0.08 | | |
| | Triacontane | C ₃₀ H ₆₂ | 23.42 | | | 0.76 |
| | Xylitol | C ₅ H ₁₂ O ₅ | 13.92 | 0.22 | | |

Dialium bambidiense

| Solvant | Proposition du nom | Formule | RT | Écorces (%) | Duramen (%) | Aubier (%) |
|--------------------------------|--|---|-------|-------------|-------------|------------|
| Dichlorométhane | (24R) -4-ERGOSTEN-3-ONE | C ₂₈ H ₄₆ O | 30.27 | | 0.72 | |
| | .beta.-Sitosterol | C ₂₉ H ₅₀ O | 29.62 | | 6.67 | 0.66 |
| | 1,2-Benzenedicarboxylic acid, bis 2-methylpropyl) ester | C ₁₆ H ₂₂ O ₄ | 15.09 | 0.15 | | |
| | 1,3,3,7,8,12,13,17,17-nonamethyl-2,3,17,18-tetrahydrobilin-19(24H) -one | C ₂₈ H ₃₆ N ₄ O | 32.29 | | | 1.12 |
| | 1,6-Dihydroxy-2-methylanthraquinone | C ₁₅ H ₁₀ O ₅ | 19.54 | 0.12 | | |
| | 13-Docosenamide, (Z) | C ₂₂ H ₄₃ NO | 21.26 | | 0.46 | |
| | 1-Heptene, 2-isohexyl-6-methyl | C ₁₄ H ₂₈ | 13.72 | 0.03 | | |
| | 1H-Indole-2-carboxylic acid | C ₉ H ₇ NO ₂ | 15.69 | 0.11 | | |
| | 2-[2-Hydroxyphenyl]-4-[2-nitrophenyl]-3H-1,5-benzodiazepine | C ₂₁ H ₁₅ N ₃ O ₃ | 30.14 | 4.09 | | 4.48 |
| | 3.Alpha.,5-cyclo-ergosta-7,22-dien-6-one | C ₂₈ H ₄₂ O | 28.90 | 0.73 | | 0.62 |
| | 4,22-Stigmastadiene-3-one | C ₂₉ H ₄₆ O | 30.79 | | 0.99 | |
| | 4,8,12,16-Tetramethylheptadecan-4-olide Hexanoic acid, 3-tridecyl ester | C ₂₁ H ₄₀ O ₂ | 18.48 | 0.10 | | |
| | 6,14-Dioxo-3a,6,7,8,8a,11a,14,15,16,16a-decahydrobenzo[1,2-h:4,5-h']bis(cyclopen | C ₂₆ H ₂₂ N ₂ O ₂ | 24.87 | | 0.70 | |
| | 9,12-Octadecadienoic acid | C ₁₈ H ₃₂ O ₂ | 17.58 | | | 0.47 |
| | 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.53 | | 0.84 | 0.89 |
| | 3-methoxybenzaldehyde | C ₈ H ₈ O ₂ | 11.60 | 0.06 | | |
| | Benzoic acid | C ₇ H ₆ O ₂ | 7.83 | 0.07 | | |
| | Decanoic acid | C ₁₀ H ₂₀ O ₂ | 10.54 | 0.06 | | |
| | D-Friedoolean-14-en-3-one | C ₃₀ H ₄₈ O | 29.27 | 0.33 | | |
| | Dodecanoic acid | C ₁₂ H ₂₄ O ₂ | 12.90 | | 0.26 | |
| | Hexadecanamide | C ₁₆ H ₃₃ NO | 17.39 | | 0.46 | |
| | Hexadecanoic acid | C ₁₆ H ₃₂ O ₂ | 17.39 | 0.11 | | |
| | Nonanoic acid | C ₉ H ₁₈ O ₂ | 9.27 | 0.08 | | |
| Noruns-12-ène | C ₂₉ H ₄₈ | 30.86 | 0.89 | | | |
| Octadecanoic acid, butyl ester | C ₂₂ H ₄₄ O ₂ | 18.61 | 0.12 | | | |
| Oleic acid | C ₁₈ H ₃₄ O ₂ | 17.60 | 0.70 | | | |

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|---------|--|----------------------|-------|------|------|------|
| | Phenol, 2,4-bis(1,1-dimethylethyl) | $C_{14}H_{22}O$ | 11.24 | 0.02 | | |
| | Stigmast-4-en-3-one | $C_{29}H_{48}O$ | 31.77 | 1.52 | 3.22 | 0.81 |
| | Tetradecanoic acid | $C_{14}H_{28}O_2$ | 14.86 | | 0.21 | |
| Acétone | 1-Docosene | $C_{22}H_{44}$ | 17.42 | | 0.28 | 0.48 |
| | 1-Eicosene | $C_{20}H_{40}$ | 16.02 | | 0.42 | |
| | 1-Hexadecene | $C_{16}H_{32}$ | 12.17 | | | 1.03 |
| | 1-Octadecene | $C_{18}H_{36}$ | 14.34 | 0.26 | | 1.24 |
| | 5-Aminorubicene | $C_{26}H_{15}N$ | 17.76 | 0.76 | | |
| | 9-Octadecenamide, (Z) | $C_{18}H_{35}NO$ | 18.53 | | | 1.21 |
| | Benzoic acid | $C_7H_6O_2$ | 14.73 | 1.49 | | |
| | Cyclohexadecane, 1,2-diethyl | $C_{20}H_{40}$ | 16.03 | 0.35 | | |
| | Cyclopentane-1-carbonitrile, 1-(4-hydroxy-3-methoxyphenyl) | $C_{13}H_{15}NO_2$ | 14.69 | | | 0.37 |
| | Eicosane | $C_{20}H_{42}$ | 23.40 | | 0.57 | |
| | Ethyl 1-acetylpyrrolo[2,1-a]phthalazine-3-carboxylate | $C_{16}H_{14}N_2O_3$ | 12.61 | 0.25 | 0.42 | |
| | Hexadecanoic acid | $C_{16}H_{32}O_2$ | 16.44 | 2.75 | 1.72 | 1.18 |
| | Oleic acid | $C_{18}H_{34}O_2$ | 17.60 | 0.85 | | |

Eveuss (*Klainedoxa gabonensis*)

| Solvant | Proposition du nom | Formule | RT | Écorces (%) | Duramen (%) | Aubier (%) |
|--|--|--|-------|-------------|-------------|------------|
| Dichlorométhane | (Z)-Octadec-9-en-18-olide | C ₁₈ H ₃₂ O ₂ | 17.30 | | 0.42 | |
| | .+/-.-2-Methoxy-3,8-dioxocephalotax-1-ene | C ₁₈ H ₁₇ NO ₅ | 15.39 | | 0.66 | |
| | .beta.-Sitosterol | C ₂₉ H ₅₀ O | 29.84 | | 0.98 | |
| | .beta.-Sitosterol trimethylsilyl ether | C ₃₂ H ₅₈ OSi | 30.09 | | 3.05 | 2.59 |
| | 1,2-Benzenedicarboxylic acid, mono(2-ethylhexyl) ester | C ₁₆ H ₂₂ O ₄ | 19.60 | | | 1.08 |
| | 19-Methylene-5,10-secocholestan-3,5-dione | C ₂₇ H ₄₄ O ₂ | 28.19 | | 0.61 | |
| | 1HO-22:0 TMS | C ₂₅ H ₅₄ OSi | 19.54 | | 0.54 | |
| | 2,6,10,14,18,22-Tetracosahexaene, 2,6,10,15,19,23-hexamethyl-, (all-E) | C ₃₀ H ₅₀ | 21.68 | | 0.79 | |
| | 2-Amino-5-(4-amino-2-nitrophenyl)tropone | C ₁₃ H ₁₁ N ₃ O ₃ | 12.90 | 0.81 | | |
| | 3.ALPHA.,5-CYCLO-ERGOSTA-7,22-DIEN-6-ONE | C ₂₈ H ₄₂ O | 28.89 | | 1.05 | |
| | 4,6-Dimethoxy-2,3-diphenyl-7-(1-pyrrolin-2-yl)indole | C ₂₆ H ₂₄ N ₂ O ₂ | 30.24 | 4.53 | | |
| | 4-Styryldibenzothiophene | C ₂₀ H ₁₄ S | 14.09 | 0.16 | | |
| | 7-(2"-Hydroxyisopropyl)-4,5-epoxy-18,19-dihydro-3,6-dimethoxy-17-cyano-6,14-ethe | C ₂₄ H ₃₀ N ₂ O ₄ | 31.09 | | | 1.03 |
| | 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.54 | 0.35 | 0.46 | 2.22 |
| | Aborenone | C ₃₀ H ₄₈ O | 29.29 | 1.08 | | |
| | Benzaldehyde, 3-methoxy-4-[(trimethylsilyl)oxy] | C ₁₁ H ₁₆ O ₃ Si | 11.60 | 0.11 | | |
| | Benzo[g][1]benzothiopyrano[4,3-b]indole | C ₁₉ H ₁₁ NS | 14.86 | | | 0.56 |
| | Benzoic acid, 3-methoxy-4-[(trimethylsilyl)oxy]-, trimethylsilyl ester | C ₁₄ H ₂₄ O ₄ Si ₂ | 14.17 | | 0.62 | |
| | Cholesta-6,22,24-triene, 4,4-dimethyl- | C ₂₉ H ₄₆ | 28.98 | 1.67 | | |
| | Decanoic acid, trimethylsilyl ester | C ₁₃ H ₂₈ O ₂ Si | 10.53 | 0.16 | | |
| | Dimethyl 2-p-tolyl-5,6-diphenylpyridine-3,4-dicarboxylate | C ₂₆ H ₂₃ N ₅ O ₂ | 32.41 | 6.68 | | |
| | dimethyl 3,4:5,6-dibenzocarbazol-1,8-dicarboxylate | C ₂₄ H ₁₇ NO ₄ | 19.54 | 0.21 | | |
| | Dodecanoic acid, trimethylsilyl ester | C ₁₅ H ₃₂ O ₂ Si | 12.90 | | | 0.33 |
| | ethyl 2-trimethylsilyldibenzothiophene-3-carboxylate | C ₂₀ H ₂₈ O ₂ Si | 16.47 | 4.25 | | |
| ethyl 2-trimethylsilyldibenzothiophene-3-carboxylate | C ₁₈ H ₂₀ O ₂ SSi | 16.47 | | | 6.60 | |
| Hexadecanamide | C ₁₆ H ₃₃ NO | 17.41 | | | 0.45 | |

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|---------|---|--|-------|------|------|------|
| | Octadecanoic acid, trimethylsilyl ester | C ₂₁ H ₄₄ O ₂ Si | 17.75 | | | 1.15 |
| | Oleic acid, trimethylsilyl ester | C ₂₁ H ₄₂ O ₂ Si | 17.60 | | 1.10 | |
| | Phenol, 2,4-bis(1,1-dimethylethyl) | C ₁₄ H ₂₂ O | 11.24 | 0.02 | 0.06 | |
| | Stigmast-4-en-3-one | C ₂₉ H ₄₈ O | 31.73 | | 0.70 | |
| Acétone | 1-Octadecene | C ₁₇ H ₃₂ O | 14.34 | 0.23 | | |
| | Friedelan-3-one | C ₃₀ H ₅₀ O | 33.07 | 0.45 | | |
| | .beta.-Sitosterol | C ₂₉ H ₅₀ O | 30.02 | 0.83 | | |
| | 1-Hexadecene | C ₁₆ H ₃₂ | 12.17 | 0.14 | | |
| | 4,6-Dimethoxy-2,3-diphenyl-7-(1-pyrrolin-2-yl)indole | C ₂₆ H ₂₄ N ₂ O ₂ | 25.18 | 0.42 | | |
| | 5-Methylenetricyclo[5.3.1.1(3,9)]dodecane-2,8-dione | C ₁₃ H ₁₆ O ₂ | 13.09 | | 1.59 | |
| | 6-Benzoyl-5-methoxy-2,2-dimethyl-10-phenyl-2H,8H-benzo[1,2-b : 3,4-b']dipyran-8 | C ₂₈ H ₂₂ O ₅ | 30.34 | 1.05 | | |
| | 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.53 | | | 0.17 |
| | Dimethyl 2-p-tolyl-5,6-diphenylpyridine-3,4-dicarboxylate | C ₂₈ H ₂₃ NO ₄ | 32.19 | 1.55 | | |
| | Dodecanoic acid, trimethylsilyl ester | C ₁₅ H ₃₂ O ₂ Si | 12.90 | | | 0.09 |
| | D-Ribose, 2,3,4,5-tetrakis-O-(trimethylsilyl)- | C ₁₇ H ₄₂ O ₅ Si ₄ | 12.72 | | 0.59 | |
| | D-Xylose, tetrakis(trimethylsilyl)- | C ₁₇ H ₄₂ O ₅ Si ₄ | 15.59 | | 0.50 | |
| | Hexadecanoic acid, trimethylsilyl | C ₁₉ H ₄₀ O ₂ Si | 16.43 | 0.59 | | |
| | Octadecanoic acid, trimethylsilyl ester | C ₂₁ H ₄₄ O ₂ Si | 17.75 | | | 0.43 |
| | Oleic acid, trimethylsilyl ester | C ₂₁ H ₄₂ O ₂ Si | 17.60 | | | 0.36 |

3. Composés caractérisés par GC-MS dans les extraits éthanoliques (Ethanol 70%) obtenus par trois méthodes d'extraction : Extraction assistée par ultrasons (UAE), Extraction assistée par Micro-Ondes (MAE) et Extraction Solide-Liquide (SLE)

Dialium polyanthum

| Proposition du nom | Formule | RT (min) | UAE | | | MAE | | | SLE | | |
|--------------------------------------|--|----------|-------------|-------------|------------|-------------|-------------|------------|-------------|-------------|------------|
| | | | Écorces (%) | Duramen (%) | Aubier (%) | Écorces (%) | Duramen (%) | Aubier (%) | Écorces (%) | Duramen (%) | Aubier (%) |
| Oleic acid | C ₁₈ H ₃₄ O ₂ | 17.61 | | | 1.54 | | | | 0.49 | | |
| Beta-Sitosterol | C ₂₉ H ₅₀ O | 29.63 | | 3.82 | 1.09 | | 0.88 | | | | 0.76 |
| Tetradecanoic acid | C ₁₄ H ₂₈ O ₂ | 14.86 | | 0.35 | | | | | | | |
| Tetracosanoic acid | C ₂₄ H ₄₈ O ₂ | 24.00 | 0.78 | | | | 0.49 | | 0.68 | | |
| Campesterol | C ₂₈ H ₄₈ O | 27.79 | | 0.72 | | | | | | | |
| Stigmast-4-en-3-one | C ₂₉ H ₄₈ O | 31.82 | 1.55 | 1.11 | | 0.59 | | 0.67 | | | |
| 5-hydroxy-7-methoxy-2-pentylchromone | C ₁₅ H ₁₈ O ₄ | 18.02 | 1.33 | | | 0.48 | | 0.78 | | | |
| Methylgallic acid | C ₈ H ₈ O ₅ | 8.61 | 0.79 | | 0.49 | 0.18 | | | | 0.42 | |
| Syringic acid | C ₆ H ₁₀ O ₅ | 5.33 | 0.57 | | | | 0.27 | | | | |
| Benzoïc acid | C ₇ H ₆ O ₂ | 7.19 | 0.87 | | | | 0.51 | | 0.93 | | |
| (+) -catechin | C ₁₅ H ₁₄ O ₆ | 13.47 | 1.02 | 0.91 | | 0.38 | | | 0.63 | | 0.24 |
| Salicylic acid | C ₇ H ₆ O ₃ | 22.01 | | | 0.67 | | 0.29 | | 0.27 | | |
| D-Friedoolean-14-en-3-one | C ₃₀ H ₄₈ O | 28.36 | 2.46 | | | 0.82 | | | | | 0.57 |
| Friedelan-3-one | C ₃₀ H ₅₀ O | 33.20 | 1.17 | | 0.49 | | | | 0.76 | | |
| Bikaverin | C ₂₀ H ₁₄ O ₈ | 16.66 | 1.92 | | | 0.85 | | | | 0.58 | |
| D-Friedoolean-14-en-3-one | C ₃₀ H ₄₈ O | 28.36 | 2.46 | | | 0.82 | | | | | 0.57 |
| Friedelan-3-one | C ₃₀ H ₅₀ O | 33.20 | 1.17 | | 0.49 | | | | 0.76 | | |
| Bikaverin | C ₂₀ H ₁₄ O ₈ | 16.66 | 1.92 | | | 0.85 | | | | 0.58 | |

Dialium bambidiense

| Proposition du nom | Formule | RT (min) | UAE | | | MAE | | | SLE | | |
|--|--|----------|-------------|-------------|------------|-------------|-------------|------------|-------------|-------------|------------|
| | | | Écorces (%) | Duramen (%) | Aubier (%) | Écorces (%) | Duramen (%) | Aubier (%) | Écorces (%) | Duramen (%) | Aubier (%) |
| Methylgallic acid | C ₈ H ₈ O ₅ | 8.52 | 0.65 | 0.32 | 0.04 | 0.12 | | | | 0.22 | |
| Epicatechin | C ₁₅ H ₁₄ O ₆ | 12.03 | | | | 0.82 | | | | | |
| . Beta. -Sitosterol | C ₂₉ H ₅₀ O | 29.62 | | 2.67 | 0.66 | | | 0.44 | | | |
| Nonanoic acid | C ₉ H ₁₈ O ₂ | 9.27 | 0.08 | | | 0.13 | | | 0.16 | | |
| Decanoic acid | C ₁₀ H ₂₀ O ₂ | 10.54 | 0.06 | | | 0.45 | | | | | |
| 3. Alpha., 5-cyclo-ergosta-7,22-dien-6-one | C ₂₈ H ₄₂ O | 28.90 | 0.73 | | | | | | | | |
| Stigmast-4-en-3-one | C ₂₉ H ₄₈ O | 31.77 | 1.52 | 1.22 | 0.81 | | | | 0.27 | | |
| Dodecanoic acid | C ₁₂ H ₂₄ O ₂ | 12.90 | | 0.26 | | | | | 0.18 | | |
| Tetradecanoic acid | C ₁₄ H ₂₈ O ₂ | 14.86 | | 0.21 | | | | | | | |
| Hexadecanamide | C ₁₆ H ₃₃ NO | 17.39 | | 0.46 | | | | | | | |
| 9-Octadecenamide, (Z) | C ₁₈ H ₃₅ NO | 18.53 | | 0.84 | 0.89 | | | | 0.14 | | |
| 1H-Indole-2-carboxylic acid | C ₉ H ₇ NO ₂ | 15.69 | 0.71 | | | 1.29 | | | | | |
| 3-methoxybenzaldehyde | C ₈ H ₈ O ₂ | 11.60 | 0.06 | | | | | 0.62 | | | |
| Benzoic acid | C ₇ H ₆ O ₂ | 7.83 | 0.07 | | | | 0.11 | | 1.03 | | 0.19 |
| 1,6-Dihydroxy-2-methylanthraquinone | C ₁₅ H ₁₀ O ₄ | 19.54 | 0.12 | | | | | | | | |
| Salicylic acid | C ₇ H ₆ O ₃ | 22.10 | | | 0.41 | 0.23 | | | | 0.27 | |
| Syringic acid | C ₉ H ₁₀ O ₅ | 5.27 | 0.33 | | | | 0.27 | | | | |