

**Electronic Supplementary Information**

**Untargeted metabolomics-like screening approach for chemical characterization and differentiation of canopic jar and mummy samples from Ancient Egypt using GC-high resolution MS**

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**Table ESI 1:** List of positive identified hits based on screening against the NIST 14 spectral library; name of substance (given as corresponding methoximation (MOX) and/or trimethylsilyl (TMS) derivative where applicable) with corresponding positive sample(s) indexed as in table 1 of the original paper; substances sorted according to retention time.

Name of substance (given as MOX/ TMS derivative where applicable)	Positive samples [index]
3-Methylbutanoic acid TMS derivative	7, 9, 18, 29
Acetamide, 2,2,2-trifluoro-N-methyl-	16, 17
acetamide, 2,2,2-trifluoro-N-(2-hydroxyethyl)-	26, 29, 30, 31
Urea 2TMS derivative	5
Aniline	12, 13, 14
Acetamide, N-butyl-2,2,2-trifluoro-	3, 4, 7, 12, 13, 14, 15
Urea 2TMS derivative	5
Bicyclo[3.2.0]hepta-2,6-diene	2, 13, 19, 26, 28
2(5H)-Furanone, 5,5-dimethyl-	7
Pentanoic acid, TMS derivative	1, 3, 7, 12, 13, 14, 15, 16, 17
Disulfide, 1-(1-propenyldithio)propyl propyl, (E)-	2, 3, 4, 12, 13, 14, 15, 17
1H-Imidazole-4-ethanamine, $\alpha$ -methyl-	1, 3, 4, 7, 16, 17
Propanedioic acid, propyl-	1, 12, 14, 15
Lactic Acid, 2TMS derivative	26, 28, 32
Propylene glycol, 2TMS derivative	2, 3, 12, 13, 14, 15, 19
1H-Imidazole-4-ethanamine, $\alpha$ -methyl-	9
2,3-Butanediol, 2TMS derivative	2, 4, 9, 12, 13, 14, 15, 19, 23, 28
1H-Pyrrole-2,5-dione	5
Hexanoic acid, anhydride	7, 14, 15
Benzene, tert-butyl-	26
S-(2-Aminoethyl) o-(p-chlorophenyl) thiocarbonate	12
Hex-2-yn-4-one, 2-methyl-	4, 11, 12, 13, 14, 15, 24, 28, 29, 30, 31, 32
3,3-Dimethylacrylic acid, TMS derivative	4, 8
1,3-Cyclopentadiene, 1-(3-butynyl)	4, 23
L-Valine, N-dimethylaminomethylene-, ethyl ester	13
Myrtenyl angelate	2, 13, 19, 26
(+)-4-Carene	26
Oxalic acid, 2TMS derivative	19
o-Cymene	2, 7, 8, 9, 11, 12, 13, 14, 15, 19, 26, 27, 28
1H-Pyrrole-2,5-dione	3
3-Methylvaleric acid, TMS	7, 8, 14
4-Pyridinol, TMS derivative	29
Pyridine, 2-ethyl-5-methyl-	30, 32
4-Hydroxylysine, 5TMS derivative	5
Butanoic acid, 3-hydroxy-3-methyl-	8
2-Pyrrolidinone, 1-methyl-	23
Benzenamine, 2,4-dimethyl-	2, 3, 4
Piconol	30, 32
Ethaneperoxoic acid, 1-cyano-1-[2-(2-phenyl-1,3-dioxolan-2-	1, 4, 8, 13, 17

yl)ethyl]pentyl ester	
N-Methyltrifluoroacetamide, TMS derivative	1
Glycolic acid, 2TMS derivative	4, 7
Valeric anhydride	7
$\alpha$ -Phellandrene	26
Valeric anhydride	4, 12, 13, 14, 15, 19
4(1H)-Pyridinone, 2,3-dihydro-1-methyl-	14
3-Carene	28
Hexanoic acid, TMS derivative	1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 26, 28, 29, 30, 31, 32, 33
p-Cresol	9, 19, 25, 27, 30, 31, 32, 34
Cyclopentyl acetylene	2, 8, 13, 15
Piconol	7
2-Methylenebicyclo[2.1.1]hexane	19
N-Acetyltyramine	27
Heptanoic acid	1, 2, 4, 7, 8, 12, 13, 14, 15
N-Methylmaleimide	27
6-Azabicyclo[3.2.1]octane, 6-methyl-	1, 2, 3, 7, 12, 13, 14, 15, 16, 17
3-Butenamide	4
Mequinol	32
(+)-4-Carene	26
Piconol	2, 3, 4, 17, 20, 28
Propanoic acid, TMS derivative	4, 12, 13, 14, 15
1-Methoxy-2-propanol, TMS derivative	1
p-Cresol	1, 2, 3, 4, 13, 14, 15
Caprolactam	23
Benzenamine, 2,4-dimethyl-	8
Benzene, 1-methyl-3-(1-methylethenyl)-	1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 22, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34
Diethylene glyco, TMS derivative	4, 12, 15, 28
n-Caproic acid vinyl ester	7
Benzaldehyde, O-methyloxime	30, 32
Piconol	1, 12, 13, 14
p-Cresol	2, 11, 18, 22, 23, 24, 26, 28, 33
4-Methylformanilide	2, 3, 4, 20
Pyridine, 2,3,5-trimethyl-	23
Benzene, 1-isocyano-4-methyl-	1, 3, 7, 8, 12, 13, 14, 15
(6Z)-Nonen-1-ol	1, 12, 16, 19
N-Acetyltyramine	13
Benzonitrile, 3-methyl-	19, 23
Pyridine, 2-ethyl-	12
p-Cresol	8
$\beta$ -Chloroethylurea	19
Levogluconone	4, 12, 14, 15

Hexanal, O-methyloxime	5
Phenylacetic acid, 2-methoxyethyl ester	3, 13
Cyclohexanecarboxylic acid, 4-nitrophenyl ester	8
Piconol	8
Pentanedioic acid, dimethyl ester	12
3-Pyridinol, TMS derivative	5, 29
p-Aminotoluene	8, 13
4-Fluoro-2-methoxyphenol, acetate	13
Resorcinol, TMS derivative	29, 30
4-Acetyl-1-methylcyclohexene	12, 13, 14, 15
Benzene, tert-butyl-	26
3-Pentenal, 4-methyl	4
o-Cresol, TMS derivative	2, 4, 7, 8, 14
Valproic acid, TMS	8
3-Pentenoic acid, 4-methyl-	1, 7
3-Penten-2-one, 4-(methylamino)-	3, 19, 23
Benzyl alcohol, TMS derivative	12, 13, 15
Succinimide	2, 4, 15
Benzenamine, 4-ethyl-	1, 2, 3, 17, 18, 20, 22, 24, 25, 28, 30, 31, 33
Ethanone, 1-(3-ethyloxiranyl)-	7, 15
2-Propenal, 3-(dimethylamino)-	23
(+)-2-Bornanone	4, 7, 8, 13, 18, 19, 26, 27, 30
Pentanal, oxime	3
3,4-Dimethyl-5-hydroxy-isoxazole	4
Phenylethyl Alcohol	23
1,3,5-Cycloheptatriene, 1-methoxy-	22
Heptanoic acid, TMS derivative	9, 19, 29, 30
Benzenamine, 4-ethyl-	12, 15
Piconol	32
(S)-(+)-6-Methyl-1-octanol	1
Heptanoic acid, TMS derivative	2, 3, 4, 5, 7, 8, 13, 14, 15, 17
3,4-Dimethyl-isoxazol-5(4H)-one	2, 3
Octanoic acid	1, 2, 3, 4, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 28, 29, 30
Benzenamine, N,4-dimethyl-	32
N-Allylaniline	19
p-Cresol	19, 28
p-Cresol	15
Benzoic acid	3
Benzene, (isocyanomethyl)-	3, 8
p-Toluic acid, 4-cyanophenyl ester	8
Benzenamine, N,3-dimethyl-	30, 31, 32
Jacobine	27
2-Pyrrolidinone, 1-methyl-	5
Benzoic acid	1, 2, 4, 6, 9, 12, 14, 15, 16, 17

Benzene, (isocyanomethyl)-	4, 12, 13, 15
5-Hydroxy-2-methylpyridine, TMS derivative	5
(+)-Borneol	7, 8, 13, 14, 30
Benzenamine, N,3-dimethyl-	1, 2, 4
Lycorenan-7-one, 1-methyl-9,10-[methylenebis(oxy)]-	14
Phenol, 2,3-dimethyl-	3, 4, 13
Camphene	30
Octanenitrile	1, 3, 4, 5, 6, 8, 12, 15, 16, 17
Pyridine, 2-ethyl-6-methyl-	9, 30
2-Pyrrolidinone, 1-methyl-	10
Benzoic acid	8, 13
Butane, 1,1'-[oxybis(2,1-ethanedioxy)]bis-	23, 32
Ethandione, bis(p-tolyl)-	1, 2, 3, 4, 7, 8, 10, 12, 13, 14, 15, 17, 18, 19, 20, 23, 24, 25, 27, 30, 31, 33
Isoamyl alcohol, TMS derivative	5
Phenol, 2,6-dichloro-	28
Naphthalene	32
Benzene, 1,4-dimethoxy-	28, 29
Naphthalene	12, 13, 14, 34
4,6-Octadiyn-3-one, 2-methyl-	21
Creosol	2, 3, 4, 7, 8, 15
Phenol, 2,4-dichloro-	12, 15
2-Pyrrolidinone, 1-methyl-	3, 4, 6, 8, 13, 18, 22
1H-Imidazo[4,5-b]pyridine	26
Benzenamine, 2,4-dimethyl-	3, 8
2-Chlorophenol, TMS derivative	4, 12, 13, 14, 15, 26
2,3-Dimethylphenol, TMS derivative	30
Glutarimide	1
Bicyclo[2.2.1]hepta-2,5-dien-7-ol	2
3-Cyclohexen-1-one, 3,5,5-trimethyl-	4
Tetrahydrofuran-5-on-2-methanol, $\alpha$ -[ $\alpha$ -methoxy-(tetrahydrofuran-5-on-2-ylmethoxy)]-	1
2-Cyclohexen-1-one, 4-(1-methylethyl)-	2
2-Butynamide, N,N-dimethyl-	4
1H-Imidazo[4,5-b]pyridine	13
Catechol	1, 3, 4, 6, 7, 10, 14, 17, 18, 26, 31
1,3,5-Cycloheptatriene, 3,7,7-trimethyl-	1, 3, 4, 7, 8, 12, 13, 14, 15
1,5-Heptadiyne	1, 4, 33
Benzene, 1-ethoxy-4-ethyl	30
6-Octen-2-one	30
n-Caproic acid vinyl ester	3
Benzaldehyde, 4-methyl-, O-methyloxime	13, 14
2-Pyridinebutanoic acid	1, 2, 3, 12, 13
Resorcinol	2, 8, 13
Carbamic acid, (4-aminophenyl)-, methyl ester	4
2-Naphthalenol, 5,6,7,8-tetrahydro-	31

Benzaldehyde, 2,4-dimethyl-	12, 14
Borneol, TMS derivative	2, 4, 7, 8, 12, 13, 14, 15
Pyrrrocaine	25
2-Heptanone, 1-ethoxy-	9, 19, 26, 30, 32
5-Hepten-2-one, 6-methyl-	30
Hepten-2-yl tiglate, 6-methyl-5-	2
Butanoic acid, 2-hydroxy-, ethyl ester	7
3,6-Heptanedione	7, 13, 14, 27
1-Phenoxypropan-2-ol	8, 12, 13, 14, 15
Ethanol, 2-phenoxy-	12, 13, 14, 15
5-Hepten-3-yn-2-one, 6-methyl-5-(1-methylethyl)-	11
1,2-Benzisothiazole	12, 13, 14, 15
2-Coumaranone	1
Benzoic Acid, TMS derivative	2, 4, 5, 6, 10, 16, 21, 29, 30, 32
3a,4,5,6,7,7a-Hexahydro-4,7-methanoindene	2
Benzenamine, 3-chloro-4-methyl-	2, 20
Benzeneacetic acid	1
2-Pentyne, 4,4-dimethyl-	29
Benzenamine, 2-chloro-4-methyl-	3, 4, 8, 13
6-methyl-2-pentylpyridine	4
Octanoic acid, TMS derivative	2, 5, 8, 10, 16, 17, 21, 29
Glycerol, 3TMS derivative	1, 2, 3, 4, 5, 6, 7, 8, 12, 13, 16, 17, 19, 21, 26, 28, 29
Ethyl 4-(ethyloxy)-2-oxobut-3-enoate	7
Sydnone, 3,4-dimethyl-	1, 3, 6
1,2-Benzenediol, 3-methyl-	34
Nonanoic acid	9, 11, 18, 19, 20, 21, 27, 30, 31
Carvenone	13, 34
1,3-Benzodioxole	3
Benzene, (2-ethylbutyl)-	15
6-methyl-2-pentylpyridine	3, 8
Pyridine, 2,6-diethyl-	32
Vinyl caprylate	12
Benzenemethanamine, 4-methoxy-	30
1,2-Benzenediol, 3-methyl-	14
Niacin, TMS derivative	5
1,2-Benzenediol, 3-methyl-	3
(Z)-1-Phenylpropene	4, 8, 9, 10, 11, 12, 13, 22, 23, 28, 34
1, 1, 5-Trimethyl-1, 2-dihydronaphthalene	4, 8, 11, 13, 14, 15, 19, 26, 27, 28
Nonanoic acid	2, 3, 7, 8, 12, 13, 14, 15, 16, 17
Benzoic acid, 4-methyl-	1, 9, 17, 18, 20
2,4-Dimethylphenethyl alcohol	4, 8
s-Triazolo[4,3-a]pyridine, 7-methyl-	1
Phenol, 4-ethyl-2-methoxy-	1, 2, 3, 4, 8, 10, 12, 13, 14,

	15, 18, 23, 24, 25, 26, 28, 29, 30, 32, 33, 34
Decanenitrile	7, 12, 14, 15
o-Cymene	7
2,4-Imidazolidinedione, 5,5-dimethyl-	3, 6
Benzoic acid, 4-methyl-	1, 2, 3, 4, 7, 8, 12, 13, 14, 16
Pyridine, 4-methyl-	10
1H-Pyrazole-4-carboxaldehyde, 1,5-dimethyl-	4
4,5-Dimethyl-2-pyrimidone	1
3-Acetylthymine	1, 3
2-Hydroxy-3-propyl-2-cyclopenten-1-one	27
2-Methyl-2,3-pentanediol	4
Hexanoic acid, 1,1-dimethylpropyl ester	7
5-Thiazoleethanol, 4-methyl-	16
Niacin, TMS derivative	5
Benzaldehyde, 2,5-dimethyl-	1, 4, 8
1,2-Benzenediol, 4-methyl-	1, 10, 11, 12, 18, 26, 30, 34
Phenol, m-tert-butyl-	28, 30
m-Aminophenylacetylene	10, 18
Thymol	19, 20, 26, 28
Thymol, TMS derivative	20, 30
Butyrolactone	4, 7, 17
1,2-Benzenediol, 4-methyl-	2, 3, 4, 8, 13, 14
Butanedioic acid, 2TMS derivative	5
Pyrrole-2-carboxamide	1
Phenol, m-tert-butyl-	2, 13, 14
Naphtalene, 1-methyl-	11, 30, 32, 34
Benzene, 2-(1,3-butadienyl)-1,3,5-trimethyl-	19
2-Pyrrolidinone	3, 4
m-Aminophenylacetylene	1, 2, 3, 4
4-Benzyl-isoxazolidine	1, 2, 3, 4, 7, 8, 9, 11, 12, 13, 14, 15, 19, 23, 26, 30, 32, 34
Benzocycloheptatriene	12, 13, 14, 15
Methylmalonic acid, 2TMS derivative	29
Phenol, 4-methoxy-2,3,6-trimethyl-	8, 30
3-Methoxyacetophenone	2, 3, 11, 18, 22, 23, 24, 26, 27, 28, 33
$\alpha$ -Terpineol TMS	8, 12, 13, 14, 15
Benzocycloheptatriene	11, 12, 13, 14, 15, 30
Thymol, TMS derivative	18, 30
Diethyl 3,3'-(methylimino)dipropionate	2, 13
2-Methyl-5-hydroxybenzofuran	3
Pinacol, 2TMS derivative	29
$\alpha$ -/b-Acorenol	11
Hydrocinnamic aci	1, 3, 7, 10, 12
1-(2,3-Dimethylphenyl)ethanone	3, 4, 7, 8, 19
2,4-Imidazolidinedione, 5-methyl-	6

4-Isopropyl-6-methyl-1-methylene-1,2,3,4-tetrahydronaphthalene	19
Salicylic acid, TMS derivative	29, 32
1-Propanone, 1-phenyl-	22
$\alpha$ -Dehydro-ar-himachalene	4, 14, 15, 31, 32
3-Methyl-1-(3-pyridyl)-1-butanone	4
4H-1-Benzopyran-4-one, 2,3-dihydro-	3, 8, 11, 15, 18, 34
Nonanoic acid, TMS derivative	5, 7, 16
Isopropyl alcohol, TMS derivative	4, 17
Benzene, 2-(1,3-butadienyl)-1,3,5-trimethyl-	8, 11, 28, 31
n-Decanoic acid	2, 8, 12, 13, 14, 15, 17
p-Toluic acid, TMS derivative	29
Hexane, 3,3-dimethyl-	12, 13, 14, 15
Ethanone, 1-(3-methyloxiranyl)-	8
1,4-Pentadiene, 2,3,3-trimethyl-	34
1,3-Benzenediol, 4,5-dimethyl-	13, 28, 34
p-Toluic acid, TMS derivative	5, 7
n-Decanoic acid	1, 4, 7, 16
cis- $\alpha$ -Bergamotene	30, 34
p-Toluic acid, TMS derivative	10, 21, 27, 29, 30, 31, 32
Ethanone, 1-(3-ethyloxiranyl)-	4, 7, 9, 15, 18
Phenol, 2-methoxy-4-propyl-	2, 3, 4, 8, 9, 23, 24, 30, 32
1,6-Heptadiyne	2, 8, 11, 13, 15, 18, 22, 23, 24, 26
Nonanoic acid, pentafluorophenyl ester	1, 12, 16
Furan, 2-ethyl-5-methyl-	30
Piconol	1
Quinoline, 5-methyl-	1, 3, 4
N-[2-Hydroxyethyl]succinimide	7, 8
Phenol, 2-(2-methyl-2-propenyl)-	2, 3, 4, 7, 8, 9, 11, 13, 15, 19, 20, 21, 22, 23, 24, 25, 26, 28, 30, 32, 33, 34
2,4-Dimethylstyrene	29
2H-Pyran-2-one, 4-methoxy-6-methyl-	3
2-Propenal, 3-(dimethylamino)-	16
Octanenitrile	12
4H-1-Benzopyran, 4,4,5,8-tetramethyl	20
1-Phenyl-3-methylpenta-1,2,4-triene	11, 22, 24
Cyclohexanemethanol, TMS derivative	7
Longipinene	1, 2, 3, 7, 8, 32
Benzene, 1-(1-buten-3-yl)-4-pentyl-	1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34
Pentanedioic acid, 2TMS derivative	5
Naphthalene, 2-ethenyl-	12
Benzene, 1-(1-methylethenyl)-3-(1-methylethyl)-	9
2-Methoxyresorcinol	34
$\alpha$ -Dehydro-ar-himachalene	19, 31



2,4-Dimethylfuran	26
$\alpha$ -Dehydro-ar-himachalene	24
o-Cymene	32
1,2-Dimethoxy-4-n-propylbenzene	8
$\alpha$ -Dehydro-ar-himachalene	4, 8, 14, 15
Benzenepropanal, 4-(1,1-dimethylethyl)-	20, 30
Cycloisolongifolene, 9,10-dehydro-	21, 22, 23, 24, 31
2-Methoxyresorcinol	17
1,4-Benzenediol, 2-methoxy-	2, 3, 4, 17
Cycloisolongifolene, 9,10-dehydro-	2, 4, 8, 9, 11, 13, 14, 15, 18, 19, 26, 28
Benzoic acid, 4-(1-methylethyl)-	1, 2, 3, 7, 16
Benzaldehyde, 2-hydroxy-4-methoxy-	32
1,2-Dimethoxy-4-n-propylbenzene	9
Benzoxazole	1, 3, 4, 6, 12, 13, 14, 17
2-Ethylformanilide	23
Phenol, 2-methoxy-6-(1-propenyl)-	24, 32
Diphenylmethane	12
Cyclohexane, ethenyl-	16
1,3-Isobenzofurandione, 4-methyl-	7, 10, 26, 27, 29, 32, 34
Benzenepropanoic acid, TMS derivative	5
3,3,5,5-Tetramethylcyclopentene	9, 27, 31
1,3-Isobenzofurandione, 4-methyl-	3
1H-Cycloprop[e]azulene, decahydro-1,1,7-trimethyl-4-methylene-	11, 19, 26, 28, 29, 34
Cycloisolongifolene, 9,10-dehydro-	3, 4, 8, 15, 30, 32, 34
Naphthalene, 1,3-dimethyl-	9, 11, 30, 31
3-Formyl-4,5-dimethyl-pyrrole	2, 3
Benzenamine, 2-bromo-N,N-dimethyl-	12, 14, 15
Benzoic acid, 4-(1-methylethyl)-	16
$\alpha$ -Methylstyrene	11, 20, 28
Phenol, 2-methoxy-4-(1-propenyl)-	3
2,2'-Isopropylidenedifuran	7, 8
$\alpha$ -Dehydro-ar-himachalene	4, 9, 14, 15, 19, 31
Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1 $\alpha$ ,7 $\beta$ ,8 $\alpha\alpha$ )]-	8, 12, 13, 14, 32
Naphthalene, 2-ethyl-	8, 12
Germacrene D	20
Naphthalene, 1,3-dimethyl-	8, 9, 11, 12, 13, 14, 15, 19, 20, 26, 28, 30, 33
Germacrene D	21, 22, 27, 29
4-tert-Butyltoluene	8
Naphthalene, 1,7-dimethyl-	30
Benzonitrile, 3-hydroxy-4-methoxy-	4, 7, 8
Benzonitrile, 3-hydroxy-4-methoxy-	3, 9, 10, 14, 17, 18, 19, 22, 23, 24, 26, 32, 34
Naphthalene, 1,7-dimethyl-	12
Benzaldehyde, 3,4-dimethoxy-	31, 32
2,4-Heptadien-6-ynal, (E,E)-	2, 3, 28

o-Cymene	9
Benzaldehyde, 3-methoxy-, oxime	1, 2, 3, 4, 6, 8, 12, 14, 15
Octatriene, 1,3-trans-5-trans-	5, 10
Cyclopentene, 3-ethylidene-1-methyl-	21
Cycloisolongifolene, 9,10-dehydro-	2, 8, 9, 11, 12, 13, 14, 15, 19, 21, 23, 24, 26, 30, 31
b-Alanine, TMS derivative	27
Decanoic acid, TMS derivative	5
Benzofuran	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 31, 34
Benzene, 1-methyl-4-(1,2,2-trimethylcyclopentyl)-, (R)-	4, 13, 14, 15
trans-Isoeugenol	9, 18, 20, 22, 23, 24, 25, 26, 27, 31, 33, 34
Benzene, [(tetramethylcyclopropylidene)methyl]-	9, 11, 18, 19, 20, 21, 23, 26, 27, 28, 31, 33, 34
3-Hydroxyphenylacetylene	33
Cycloisolongifolene, 9,10-dehydro-	10, 29, 30
2,2'-Bipyridine	5, 10, 26, 29, 30, 32
Phenol, 2-methoxy-6-(2-propenyl)-	3, 4, 8, 13, 14, 15
Naphthalene, 1,3-dimethyl-	12
trans-4-Phenyl-3-butenoic acid	2
Sydnone, 3-methyl-	1, 6
m-Toluamide	4, 23
Benzene, 1-ethenyl-4-ethyl-	4
Benzenepropanoic acid, $\beta,\beta$ -dimethyl-	7
Trimethylsilyl 4-propylbenzoate	29, 32
endo-3-Methylenetricyclo[3.2.1.0(2,4)]oct-6-ene	29
Neoisolongifolene, 8,9-dehydro-	2, 3, 4, 13, 14, 15
3(2H)-Benzofuranone	7
1H-Cyclopropa[a]naphthalene, 1a,2,6,7,7a,7b-hexahydro-1,1,7,7a-tetramethyl-, [1aR-(1 $\alpha\alpha$ ,7 $\alpha$ ,7 $\alpha\alpha$ ,7 $\beta\alpha$ )]-	4
Benzenepropanoic acid, $\beta,\beta$ -dimethyl-	1, 2, 3, 8
Cadina-1(10),6,8-triene	15
Phthalimide	3
Neoisolongifolene, 8,9-dehydro-	9, 10, 18, 19, 20, 25, 29, 30, 31, 33
l-Phenylalanine, N-(4-butylbenzoyl)-, methyl ester	7
Pyridine, 2-phenyl-	1, 3, 10, 17
3,6-Dihydrochamazulene	4, 13, 15
Cycloisolongifolene, 9,10-dehydro-	11, 22
2H-Indol-2-one, 1,3-dihydro-	34
4-Acetylanisole	9, 12, 23
Hexanedioic acid 2TMS derivative	5
(3R,4aS,8aS)-8a-Methyl-5-methylene-3-(prop-1-en-2-yl)-1,2,3,4,4a,5,6,8a-octahydronaphthalene	30
$\alpha$ -Dehydro-ar-himachalene	9, 11, 19, 26, 30, 31, 32
Pyroglutamic acid, TMS derivative	5
$\alpha$ -Dehydro-ar-himachalene	20, 29

Benzene, 1-methyl-3-(1-methylethenyl)-	4, 7, 8, 14, 20
Diphenylmethane	12, 13, 14
1-Naphthalenecarbonitrile, 5,6,7,8-tetrahydro-	8
Benzene, 4-ethenyl-1,2-dimethyl-	11, 21, 25, 30
Benzoic acid, 2-acetyl-3,6-dimethyl-	27
Butylated Hydroxytoluene	25
Himachalene-1,4-diene	11, 18, 19, 23, 31
8-Methoxy-2,2,4-trimethyl-1,2-dihydro-quinoline	19, 20, 27
Benzene, (2,4-cyclopentadien-1-ylidenemethyl)-	15
Phenol, 2,5-bis(1,1-dimethylethyl)-	12, 13, 14, 15, 16, 17, 28
p-Cresol	30
Cinnamic acid, $\alpha,\beta$ -dimethyl-	1, 2, 3, 4, 8, 9, 13
Quinoline, 5,8-dimethyl-	10
2,4-Di-tert-butylphenol	33
1,3-Benzodioxole-5-carboxylic acid	1
$\alpha$ -Cuprenene	3, 8, 9, 12, 13, 14, 15, 20, 21, 22, 24, 25, 26, 27, 28, 30, 33
Creatinine	6
Benzene, 1-methyl-4-(1,2,2-trimethylcyclopentyl)-, (R)-	2, 3, 4, 7, 8, 9, 11, 13, 14, 15, 27, 28, 30, 31, 32, 34
$\alpha$ -Dehydro-ar-himachalene	1, 2, 3, 4, 6, 7, 8, 12, 13, 14, 15, 16, 17
Tetracyclo[2.2.1.0(2,6).0(3,5)]heptane-7-spiro-2'-cyclopropene	14
Benzene, 1-methyl-4-(1,2,2-trimethylcyclopentyl)-, (R)-	2, 3, 4, 7, 8, 12, 13, 14, 15
(+)-Cycloisolongifol-5-ol	24
1H-Indene, 2,3-dihydro-5-methyl-	9, 10, 21, 22, 24, 32, 33
(-)-Nortrachelogenin	1, 2, 3, 10, 14, 17
o-Hydroxybiphenyl	12, 15, 33
Eudesma-2,4,11-triene	2, 9, 12, 13, 14, 19, 21, 24, 31
Dibenzofuran	12
$\beta$ -D-Glucopyranose, 1,6-anhydro-	1, 6, 12
Neoisolongifolene, 8,9-dehydro-	18, 26, 30
$\gamma$ -Dehydro-ar-himachalene	2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34
Benzene, 1-(1-buten-3-yl)-4-pentyl-	8, 14
2,4-Dimethylstyrene	20
Hexathiane	15
aR-Himachalene	10, 11, 19, 20, 22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34
2,3'-Dipyridyl	5
Coumarin, 3,4-dihydro-4,4,7-trimethyl-	7, 8, 9, 13, 14, 18, 19, 20, 21, 23, 26, 27, 28, 29
3,3,5,5-Tetramethylcyclopentene	4, 8, 9, 11, 12, 13, 14, 21, 26, 27, 28, 34
Furan, 2,5-dihydro-3,4-dimethyl-	1
a-Calacorene	1, 2, 3, 4, 10, 12, 13, 15, 23, 26, 30
Tridecanoic acid	7, 12, 16, 17

Naphthalene, 1,4,5-trimethyl-	33
Sydnone, 3-methyl-	6
2,2'-Bipyridine	1, 2, 3, 10, 13, 17, 19, 34
1H-Indole-7-carboxylic acid	8
Uracil, 5-ethyl-	6
Naphthalene, 1,6,7-trimethyl-	11, 12, 15, 30
Benzene, 1-(1,5-dimethyl-4-hexenyl)-4-methyl-	15, 16
2-Morpholinomethyl-1,3-diphenyl-2-propanol	7
3-Hydroxy-4-methoxybenzoic acid	9, 10, 22, 24
Quinoline, 2,3,4-trimethyl-	32
Benzyl alcohol, $\alpha$ -isobutyl-2,4,5-trimethyl-	1, 2, 3, 4, 6, 7, 8, 12, 13, 14, 15
2-Propionyl-1-pyrroline	1
5,6,7,8-Tetrahydro-2-methyl-1,4-naphthoquinone	9, 10
Benzeneacetic acid, $\alpha,\alpha$ -4-trimethyl-, ethyl ester	8
3-Hydroxy-4-methoxybenzoic acid	1, 2, 3, 4, 6, 7, 8, 13, 14, 17
1,2,3,7-Tetramethylindole	21, 24, 30, 33, 34
Valeric anhydride	7
Quinoline, 2,3,4-trimethyl-	9, 10, 11, 15, 19, 21, 22, 24, 25, 30, 33, 34
2,2'-Ethylidenebis(5-methylfuran)	20
1,3-Isobenzofurandione, 4,5-dimethyl-	27
1,6-Pentalenedione, hexahydro-6a-(2-propynyl)-, cis-	8
Naphthalene, 1-methyl-7-(1-methylethyl)-	30
Naphthalene, 1,6,7-trimethyl-	12
3-Hydroxy-4-methoxybenzoic acid	12
Phloretic acid, 2TMS derivative	5
Oxidohimachalene	30
Azulene, 1,4-dimethyl-7-(1-methylethyl)-	2, 3, 4, 8, 9, 11, 13, 18, 19, 20, 26, 29
2,5-Pyrrolidinedione, 3-(1-aminoethylidene)-4-methyl-	6
Benzenamine, 4-methyl-N-phenyl-	11
Azulene, 1,4-dimethyl-7-(1-methylethyl)-	18, 22, 33
Pimelic acid, 2TMS derivative	29
(+)-Longicamphenylone	7, 12, 14, 15
Naphthalene, 2-(1-methylethenyl)-	31
Pimelic acid, 2TMS derivative	5
2-Methoxy-6-methylphenol	4
(E)-2-(4-Methoxyphenyl)ethan-2-one methoxime	9
Homophthalimide	18
Cyclopropane, 1,1,2,2-tetramethyl-3-(2-phenylethenylideno)-	21, 24, 25
Cyclopropanol, 2,2-dimethyl-3-(2-phenylethynyl)-	27
3,3-Dimethyl-4-phenyl-4-penten-2-one	21, 29
Naphthalene, 1-methyl-7-(1-methylethyl)-	30, 32
2-Cyclopenten-1-one, 3-methyl-	1, 2, 4, 8
1-Methylindan-2-one	2, 7
m-Aminophenylacetylene	7

Succinic acid, 3-methylbut-2-yl 2-ethoxyethyl ester	3
4-Aminoresorcinol	3
4,4'-Dimethylbiphenyl	12
2-Hydroxyisocaproic acid, TMS derivative	5
1,4-Methanoazulen-9-one, decahydro-1,5,5,8a-tetramethyl-, [1R-(1 $\alpha$ ,3 $\alpha$ $\beta$ ,4 $\alpha$ ,8 $\alpha$ $\beta$ )]-	11
Morpholine, 4-methyl-	7
Fluorene	33
Dehydrochamazulene	8, 9, 11, 29, 30, 32
2-Cyclopenten-1-one, 2-hydroxy-	1
Thymine	6
Dicyclopentadiene	4, 26
2,3-Dehydro-1,8-cineol	15
Azelaic acid	1, 6, 12
3-Butylisobenzofuran-1(3H)-one	2, 4, 7, 8, 15
4-Hydroxybenzoic acid, 2TMS derivative	5
p-Anisic acid, 2,6-dimethylnon-1-en-3-yn-5-yl ester	2, 4, 8, 13, 14
cis-a-Bergamotene	31
$\alpha$ -Calacorene	15
$\alpha$ -Guaiene	11, 18, 26, 27, 28, 29, 31, 34
Azelaic acid	22
2,5-Pyrrolidinedione, 3-(1-aminoethylidene)-4-methyl-	6
2-Isopropenyl-4a,8-dimethyl-1,2,3,4,4a,5,6,8a-octahydronaphthalene	8, 13
3-Phenylbut-1-ene	12
N-(Trifluoroacetyl)-N,O,O',O''-tetrakis(trimethylsilyl)norepinephrine	16
Cyclopropanecarboxylic acid, 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethyl-, 2-methyl-4-oxo-3-(2-pentenyl)-2-cyclopenten-1-yl ester, [1R-[1 $\alpha$ [S*(Z)],3 $\beta$ (E)]]-	8
3-Cyclohexen-1-carboxaldehyde, 3,4-dimethyl-	9
2-Naphthalenol	23, 34
Diphenylamin	15
Caryophyllene oxide	4, 8, 29
Dodecanoic acid, TMS derivative	5
Decane, 3,7-dimethyl-	12, 13, 15
Benzene, 1,1'-(1-methylethylidene)bis-	3, 4, 8, 9, 13, 18, 23, 24, 25, 29, 30, 32, 33
3-Methyl-2-butenic acid, pent-2-en-4-ynyl ester	14
Benzenepropanoic acid, 4-hydroxy-	1
$\alpha$ -Bourbonene	8
6-Hydroxy-4-methylcoumarin	3
Methyl-a-Lyxofuranoside, 3TMS derivative	5
Coumarin	7, 18, 20, 27
D-Limonene	12
1,4-Pentadiene, 3-methyl-	7
1,3-Benzenediol, 5-(dimethylamino)-	3
9H-Xanthene	9, 30, 33
Phenyl buta-2,3-dienyl ether	27

1,2,2-Trimethyl-3-phenyl-cyclopent-3-enol	20, 27, 29
9H-Xanthene	12
3-Buten-2-one, 3-methyl-4-phenyl-	14, 15
Acetamide, N-3-pyridinyl-	2
3,3'-Dimethylbiphenyl	32
Benzene, 1-propynyl-	23
Oxidohimachalene	20
L-Alanine, N-(2-fluorobenzoyl)-, pentyl ester	3, 28
Methanamine, N-(1-phenylethylidene)-	9, 11, 30
2,6-Dimethyl-4-phenylpyridine	24
3-Penten-2-one, 4-phenyl-	29, 30
Arabinose, 4TMS derivative	5
1,3-Dimethyl-1-cyclohexene	34
Octatriene, 1,3-trans-5-trans-	13
Methanone, diphenyl-, O-methyloxime	15
Ethanone, 1-(2H-1-benzopyran-3-yl)-	18
Azelaic acid	17
3 $\alpha$ -Acetylcuahtemone	7, 8, 32
Suberic acid, 2TMS derivative	5
6-Isopropyl-1,4-dimethylnaphthalene	2, 3, 4, 7, 8, 9, 11, 12, 13, 14, 19, 20, 21, 26, 27, 28, 29, 30, 31, 32, 34
2-Butyl-1-methyl-1,2,3,4-tetrahydronaphthalen-1-o	29
1,3,3-Trimethyl-2-(2-methyl-cyclopropyl)-cyclohexene	8
1,5-Cyclodecadiene, 1,5-dimethyl-8-(1-methylethenyl)-, [S-(Z,E)]-	27
2-Acetylcyclopentanone	2, 4, 8
Oxalic acid, allyl nonyl ester	12, 13, 14, 15
1H-Pyrrole, 3,5-dimethyl-2-phenyl-	9
1s,4R,7R,11R-1,3,4,7-Tetramethyltricyclo[5.3.1.0(4,11)]undec-2-en-8-one	8, 13
Azocine, 2-methoxy-8-methyl-	18
1H-Indene, 2,3-dihydro-1,1,5,6-tetramethyl-	7
$\beta$ -Eudesmol, TMS derivative	21
Naphthalene, 1,2,3,4-tetramethyl-	13, 14, 20
2(3H)-Naphthalenone, 4,4a,5,6,7,8-hexahydro-4a,5-dimethyl-3-(1-methylethylidene)-, (4ar-cis)-	9, 18, 19, 29, 31, 32, 34
Ethanone, 1-(2,3-dihydro-1H-inden-5-yl)-	13
2-Naphthalenecarboxylic acid	3
1,1'-biphenyl, 2,4,6-trimethyl-	9, 11, 20, 30, 31, 32
2(3H)-Naphthalenone, 4,4a,5,6,7,8-hexahydro-4a,5-dimethyl-3-(1-methylethylidene)-, (4ar-cis)-	2, 3, 4, 7, 8, 9, 13, 14, 27, 31
2H-1-Benzopyran-2-one, 4,6-dimethyl-	9
2-Methylenebornane	2, 9
4(1H)-Quinazolinone	23
Benzene, 1,2,4,5-tetrachloro-3,6-dimethoxy-	32, 34
2(3H)-Naphthalenone, 4,4a,5,6,7,8-hexahydro-4a,5-dimethyl-3-(1-methylethylidene)-, (4ar-cis)-	10, 11, 20, 21, 27, 28, 30, 32
3-Phenylpropanoic anhydride	15
2H-1-Benzopyran-2-one, 6-methyl-	10, 11, 31, 32

1(2H)Phenanthrenone, 3,4,4a,9,10,10a-hexahydro-4a-methyl-	4, 9, 10, 14, 15, 18, 19, 21, 22, 23, 24, 25, 26, 28, 34
2H-1-Benzopyran-2-one, 4,6-dimethyl-	2, 3, 8
Coumarin, 8-methyl-	7
2,6-Diisopropylnaphthalene	15
2-Cyclohexene-1-carboxaldehyde, 2,6-dimethyl-6-(4-methyl-3-pentenyl)-	2, 3, 4, 7, 8, 10, 13, 14, 18, 19, 22, 26, 27, 28
4-(1-Hydroxyallyl)-2-methoxyphenol	17
Cyclohexene, 4-methyl-1-(1-methylethenyl)-	5
Tetradecanoic acid	9, 10, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
Phloretic acid, 2TMS derivative	5
Vanillic Acid, 2TMS derivative	5
Naphthalene, 1-(1-methylethyl)-	14
Prenol, TMS derivative	20, 31
1,1'-Biphenyl, 2,2'-diethyl-	15
4-Methoxy-7-methylcoumarin	3
Benzene, 1-methyl-2-[(4-methylphenyl)methyl]-	32
Ethanone, 1-[4-(1-methylethenyl)phenyl]-	2, 3, 4, 7, 8, 10, 18, 20, 21, 23, 27, 34
Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-	10, 23
Ethanone, 1-(2,3-dihydro-1H-inden-5-yl)-	9, 11, 21, 26, 27, 28
Azelaic acid, 2TMS derivative	5, 29
Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-	6
Phenol, 5-(1,5-dimethyl-4-hexenyl)-2-methyl-, (R)-	3
Decanenitrile	12, 13, 15, 16, 17
Tetracyclo[2.2.1.0(2,6).0(3,5)]heptane-7-spiro-2'-cyclopropene	9
6-Methyl-4-indanol	22
Benzene, 4-ethenyl-1,2-dimethyl-	2, 4, 7, 8, 9, 11, 12, 13, 14, 18, 19, 20, 21, 26, 27, 28, 29, 30, 34
Methoxyolivetol	20
2H-1-Benzopyran-2-one, 6-methyl-	19, 21, 22, 28
γ-Dehydro-ar-himachalene	20
Benz[a]azulene	1, 2, 3, 4, 9, 10, 11, 12, 14, 15, 17, 21, 22, 23, 27, 29, 31, 32, 33
Cyclohexanone, 3,5-trimethyl-	15
2,6-Diisopropylnaphthalene	29
Ar-himachalen-2-ol	9, 10, 20, 21, 30, 31, 32
Tetradecanoic acid	1, 7, 8, 16, 17
Ar-himachalen-2-ol	1, 2, 3, 8, 12, 13, 14
Succinic acid, 3-chlorophenyl 4-methoxybenzyl ester	8
Carbonic acid, 2-diethylaminoethyl neopentyl ester	16, 17
3-Buten-2-one, 3-methyl-4-phenyl-	4
2,3-Butanediol, O-(trimethylsilyl)-, monoacetate	5
Coumarin, 8-methyl-	13, 14, 15, 24, 25, 26, 27, 33
Cyclopropane, 1,1,2,2-tetramethyl-3-(2-phenylethenylideno)-	29, 30

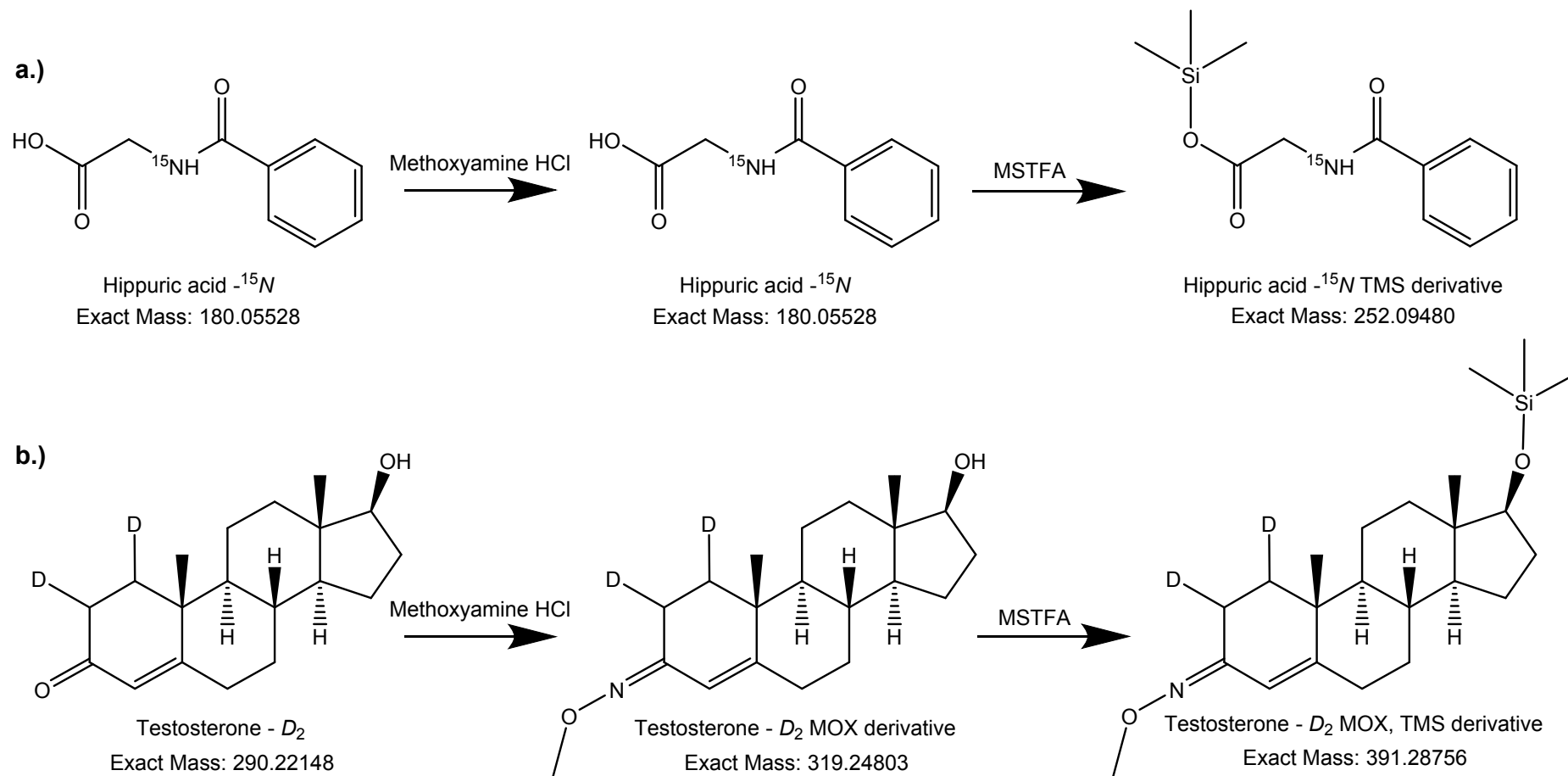
Ethanone, 1-(2,3-dihydro-1H-inden-5-yl)-	9, 18, 27
Tetradecanoic acid	18, 21, 22
Ethanone, 1-(2,3-dihydro-1H-inden-5-yl)-	3, 4, 7
Chizo-Inositol, 6TMS derivative	5
Pentadecanoic acid	1, 3, 7, 8, 9, 10, 13, 16, 17, 20, 26, 27
Benzene, (ethenyloxy)-	1
Phthalic acid, cyclobutyl tridecyl ester	1, 2, 3, 5, 6, 8, 12, 13, 14, 15, 16
2-Heptenoic acid, isobutyl ester	16, 17
3a,9b-Dimethyl-1,2,3a,4,5,9b-hexahydrocyclopenta[a]naphthalen-3-one	29
2H-1-Benzopyran-2-one, 3,4-dihydro-6-methyl-	12
2,5-Heptadiyn-4-one	5
5-Methyl-1-phenylhexa-1,3,4-triene	8
1H-Isoindole, 3-methoxy-4,7-dimethyl-	26, 27
Sebacic acid, 2TMS derivative	5
1H-Isoindole, 3-methoxy-4,7-dimethyl-	7, 13, 14
Prenol, TMS derivative	31
1,9-Dihydropyrene	33
Benzene, (2-methylpropyl)-	30
Cyclodecylamine	12, 15
Acrylic acid, TMS derivative	16
$\beta$ -Benzal-n-butyramide	34
1H-Pyrrole, 1-(phenylmethyl)-	7
3-Buten-2-one, 3-methyl-4-phenyl-	20, 29
Pentadecanoic acid	7, 16
Benzene, 1-ethenyl-4-(2-methylpropyl)-	3
1-Naphthol, 5,7-dimethyl-	32
9-Octadecenal	4
2-Pentenal, (E)-	17
3,6-Dihydrochamazulene	31
n-Hexadecanoic acid	18, 19, 21, 22, 27, 28, 30
Pentadecanoic acid, TMS derivative	5
Cyclopropanecarboxylic acid, 1-phenyl-	27, 28
1,6-Heptadiyne	6
Anthracene, 9-methyl-	1, 2, 3, 15, 29, 30, 31, 33
Pentadecanoic acid	9, 10, 20, 23, 24, 25, 26, 29, 33
5,7,7-Trimethyl-4,5,7,8-tetrahydroazuleno[4,5-c]furan #	24
1-Phenanthrenecarboxaldehyde, 1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1S-(1 $\alpha$ ,4 $\alpha$ ,10 $\alpha$ $\beta$ )]-	29, 30
7-Methylindan-1-one	2, 3, 4, 8
Benzene, 1,3-dimethoxy-5-[(1E)-2-phenylethenyl]-	32
3,7-Dimethyldibenzothiophene	11
1-Phenyl-1,1-ethenediol, 2TMS derivative	2



Undecane, 4,7-dimethyl-	12, 13, 14, 15
Murolane-B	11
Octadecanoic acid	7, 8, 9, 10, 16, 17, 18, 20, 21, 26
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-octahydro-	30
3,4'-Diisopropylbiphenyl	25, 31
p-Dioxane, methylene-	16, 17
Pentadecanoic acid	4, 5, 7, 16, 17
Cyclohexanone, 2,3,3-trimethyl-2-(3-methyl-1,3-butadienyl)-, (E)-	31
Hexa-2,4-diyne-1-ylbenzene	12
2-[3-(tert-Butyl)-bicyclo[1.1.1]pent-1-yl]-naphthalen	30
p-Dioxane, methylene-	16, 17
3-(Cyclohex-1-enyl)-furan	1, 2, 8, 9
Himachala-2,4-diene	14
Benzene, (cyclopropylidenemethyl)-	8
5-Methyltryptamine	8
9-Ethyl-10-methylantracene	29, 31
Chizo-Inositol, 6TMS derivative	5
Phenanthrene, 2,5-dimethyl-	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 21, 22, 26, 29, 30, 31, 32, 33, 34
2-Methoxy-6-methylantracene	3
Tyrosol, acetate	1
N-Arachidoyl-5-hydroxytryptamine	8
1,3-Diphenylbuta-1,2-diene	2
Naphthalene, 2-(1-methylethenyl)-	2
1-(p-Cumenyl)adamantane	24, 30
Z-6-Phenyldec-4-en-2-yne	2
9-Ethyl-10-methylantracene	2
Fluoranthene	22, 33
1,3-Diphenylbuta-1,2-diene	32
1H-Inden-2-amine, N,N-dimethyl-	34
Anthracene, 9,10-dihydro-9-(1-methylpropyl)-	2, 29, 30, 32, 33, 34
10,18-Bisnorabieta-5,7,9(10),11,13-pentaene	29, 30
2-Methoxy-6-methylantracene	3
Phenanthrene, 2,5-dimethyl-	32, 34
Naphthalene, 2-(1-methylethenyl)-	30
2-Butyndiol dimethyl ether	9
Benzeneacetamide, N,N-dimethyl-	34
17-Octadecynoic acid	10, 18, 19, 20, 21, 22, 23, 27, 28, 29, 30, 31
Pentadecanoic acid	1, 6, 12, 14, 15
Tetradecanoic acid	2, 3, 4, 8, 13, 16, 17
Pentanoic acid, 10-undecenyl ester	1, 2, 3, 4, 5, 6, 7, 8, 12, 13, 14, 15, 16, 17
Octadecanoic acid	9, 10, 18, 19, 21, 22, 23, 26, 27, 28, 29
8-Isopropyl-1,3-dimethylphenanthrene	32

Pentadecanoic acid	20, 24, 25, 33
Phenanthrene, 2,3,5-trimethyl-	6
Pyrene	33
Anthracene, 9,10-dihydro-9-methyl-10-propyl-	30, 32
2,2-Dimethylindene, 2,3-dihydro-	29
Nonanamide	9, 10, 18, 22, 23, 24, 25, 28
1-Methyl-10,18-bisnorabieta-8,11,13-triene	30
4-Nonyne	10, 18, 19, 20, 22, 23, 24, 27
Phenanthrene, 2,3,5-trimethyl-	1, 2, 3, 6, 9, 10, 29, 30, 31, 32, 33, 34
Benzene, 1,1'-(3,3-dimethyl-1-butenylidene)bis-	24
Naphthalene, 1,2,3,4-tetrahydro-6-(1-phenylethyl)-	30
2,2-Dimethylindene, 2,3-dihydro-	2
Phenanthrene, 2,3,5-trimethyl-	29, 30, 32, 34
Benzene, 1,1'-(1-heptenylidene)bis-	30
1-Ethyl-2-methylphenanthrene	1
Anthracene, 2-(1,1-dimethylethyl)-	30, 32
Benzene, 1,3-dimethoxy-5-[(1E)-2-phenylethenyl]-	29, 30
11-Tridecyn-1-ol	1, 2, 4, 6, 8, 9, 10, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24, 27, 28, 31
1-(p-Cumenyl)adamantane	22, 24, 30, 32
1H-Cyclopenta[ <i>l</i> ]phenanthrene, 2,3-dihydro-	2
Benzene, 1,3-dimethoxy-5-[(1E)-2-phenylethenyl]-	10, 31, 32, 34
2-Isopropyl-10-methylphenanthrene	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34
1-Dimethylhexylsilyloxyoctane	1, 6, 12, 13, 14, 15, 16, 17
Methyl 9-phenanthroate	34
Benzene, 1-methyl-4-[(4-propylphenyl)ethynyl]-	2, 6, 18
1H-Inden-1-one, 2,3,4,5,6,7-hexahydro-	15
2-Isopropyl-10-methylphenanthrene	24, 29, 30, 32, 33
Methyl 9-phenanthroate	34
1,4-Dimethyl-6-phenyl-naphthalene	1, 2, 4, 5, 6, 7, 8, 9, 10, 26, 29, 30, 31, 32, 33, 34
8-Isopropyl-1,3-dimethylphenanthrene	1, 2, 5, 6, 9, 10, 26, 29, 30, 31, 32, 33, 34
1-Phenanthrenecarboxylic acid, 1,2,3,4,4a,10a-hexahydro-1,4a-dimethyl-7-(1-methylethyl)-, methyl ester, [1R-(1 $\alpha$ ,4 $\alpha$ $\beta$ ,10 $\alpha$ )]-	1, 2, 4, 6, 13, 15
8-Methyloctahydrocoumarin	5
Methyl dehydroabietate	29, 30
(R)-3-Pyrrolidinol	7
Andrographolide	2
1H-Indene, 2,3-dihydro-1,1-dimethyl-	32, 34
8-Isopropyl-1,3-dimethylphenanthrene	24, 29, 30, 31, 32, 33, 34
L-Leucine, N-methyl-N-(but-3-yn-1-yloxy-carbonyl)-, decyl ester	17
2-Phenyl-4-tert-butyl-7-methylindene	30
3-(2-Naphthyl)acrylaldehyde	29, 33
Phenanthrene, 3,6-dimethoxy-9-methyl-	32, 34

Anthracene-9-carboxylic acid, 10-methyl-, methyl ester	34
8-Isopropyl-1,3-dimethylphenanthrene	9, 24, 29, 30, 32, 34
2,5-Etheno[4.2.2]propella-3,7,9-triene	30, 32, 33
1,3-Cyclopentadiene, 1,2-dimethyl-5,5-diphenyl-	2, 6, 29, 30, 32, 33
1H-Indene, 2,3-dihydro-1,1-dimethyl-	34
Anthracene-9-carboxylic acid, 10-methyl-, methyl ester	34
4-(2-Phenylvinyl)pyridine, trans-	31
Dehydroabiatic acid	2, 4, 5, 6, 8
Dodecane, 4,6-dimethyl-	5, 7
7H-Benzanthrene	32
6H-Cyclobuta[jk]phenanthrene	34
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-methyl-pent-3-enyl)-oxetane	14
7-Oxodehydroabiatic acid, methyl ester	29
Cedran-diol, (8S,14)-	12, 14, 19, 27, 28
Tricyclo[4.4.0.0(2,8)]decane	9
9H-Fluorene, 9-methylene-	34
3,9-Dimethylbenz[a]anthracene	30
Bicyclo[5.2.0]non-1-ene	20
d-Norpregnane (5 $\alpha$ ,14 $\alpha$ )	1, 3
Cholesta-4,6-dien-3-ol, (3 $\beta$ )-	1, 2, 4, 5, 6, 7, 8, 13, 15
Benzene, 1-(1,2-dimethyl-3-methylenecyclopentyl)-4-methyl-, cis-	33
Isoborneol	8
3a,7-Methano-3aH-cyclopentacyclooctene, 1,4,5,6,7,8,9,9a-octahydro-1,1,7-trimethyl-, [3aR-(3a $\alpha$ ,7 $\alpha$ ,9a $\beta$ )]-	8, 9, 15
1-Phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-methyl-, (1 $\alpha$ ,4 $\alpha$ ,10 $\alpha$ )-	8
Benzene, [(1-methylethylidene)cyclopropyl]-, (R)-	7
cis- $\alpha$ -Bergamotene	8
Isolongifolene, 4,5-dehydro-	4, 15
3a,7-Methano-3aH-cyclopentacyclooctene, 1,4,5,6,7,8,9,9a-octahydro-1,1,7-trimethyl-, [3aR-(3a $\alpha$ ,7 $\alpha$ ,9a $\beta$ )]-	9, 18, 19, 20, 22, 30, 31
Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1,8a-dimethyl-7-(1-methylethenyl)-, [1R-(1 $\alpha$ ,7 $\beta$ ,8 $\alpha$ )]-	2, 3, 4, 7, 8, 13, 15
Tetracyclo[6.2.1.1(3,6).0(2,7)]dodeca-4,9-diene, 11-isopropylidene-	8
Di-epi- $\alpha$ -cedrene-(I)	8, 15, 20, 30
Acrylophenone, 2,2',5'-trimethyl-	11, 14, 27, 28
Thujopsene-I3	15
4,7-Methanoazulene, 1,2,3,4,5,6,7,8-octahydro-1,4,9,9-tetramethyl-, [1S-(1 $\alpha$ ,4 $\alpha$ ,7 $\alpha$ )]-	22
Naphthalene, 2,3,4,4a,5,6-hex hydro-1,4a-dimethyl-7-(1-methylethyl)-	8, 14
1-Phenanthrenol, 1,2,3,4,4a,9,10,10a-octahydro-4a-methyl-, (1 $\alpha$ ,4 $\alpha$ ,10 $\alpha$ )-	27
Benzene, 1,3-bis(1,1-dimethylethyl)-5-methyl-	14
cis-Thujopsene	27
9,11-Dimethyltetracyclo[7.3.1.0(2,7).1(7.11)]tetradecane	12, 14, 15, 28



**Figure ESI 1:** Schematic representation of the derivatization procedure exemplified for the used internal standards hippuric acid-<sup>15</sup>N (a) and testosterone-*D*<sub>2</sub> (b); exact masses are given in g/mol; MSTFA = N-Methyl-N-trimethylsilyl trifluoro acetamide; TMS = trimethylsilyl derivative; MOX = methoximation derivative.