Retention time (mins)	Tentative compound ID	Mean peak area of compounds and number of samples (total or fertile phase) containing a compound, N=30 samples, N=65 samples											Literrature review
				female 1	female 2		female 3		female 4		female 5		
		Mean peak area	total (fertile phase)	cycle 1 (N=7)	cycle 1 (N=8)	cycle 2 (N=8)	cycle 1 (N=8)	cycle 2 (N=8)	cycle 1 (N=8)	cycle 2 (N=5)	cycle 1 (N=6)	cycle 2 (N=7)	
1.329 - 1.340	Benzeneethanamine, 3-fluoro-beta, 5-dihydroxy-N-methyl-	2048534	3 (1)	-	-	-	-	1 (1)	2 (0)	-	-	-	
1.510 - 1.557	Acetone[1]	9121479	35 (8)	6 (2)	7 (1)	1 (0)	6 (2)	4 (1)	2 (1)	2 (1)	4 (0)	3 (0)	aye-ayes (del Barco et al., 2013)
1.615	Unknown 01	846614	1 (0)	-	-	-	-	-	1 (0)	-	-	-	
1.852 - 1.858	5,9-Dodecadien-2-one, 6,10-dimethyl-(E,E)-	2944550	2 (2)	1 (1)	-	-	-	1 (1)	-	-	-	-	
2.557 - 2.588	2-Pentanone	5598740	45 (12)	7 (3)	3 (1)	2 (0)	1 (1)	7 (1)	7 (2)	5 (1)	6 (1)	7 (2)	
3.245	2-Hexanone	850499	1 (1)	-	-	-	-	1 (1)	-	-	-	-	
3.322 - 3.338	Dimethyl disulfide	846330	14 (4)	1 (1)	2 (0)	1 (0)	2 (0)	4 (1)	1 (1)	1 (0)	1 (0)	1 (1)	olive baboons (Vaglio et al., 2021)
3.342 - 3.467	2-Pentanone, 3-methyl-	1371808	12 (2)	-	1 (0)	-	-	5 (2)	-	1 (0)	2 (0)	3 (0)	
3.703 - 3.72	Toluene[1]	1199682	31 (7)	5 (2)	4 (1)	3 (0)	1 (0)	5 (0)	8 (2)	3 (1)	-	2 (1)	olive baboons (Vaglio et al., 2021)
4.35	Hexanal	427641	1 (1)	1 (1)	-	-	-	-	-	-	-	-	aye-ayes (del Barco et al., 2013), mandrills (Vaglio et al., 2016), red ruffed lemrus (Janda et al., 2019), tamarins (Poirier, Waterhouse, Watsa, et al., 2021), olive baboons (Vaglio et al., 2021)
6.467 - 6.475	2-Heptanone	861478	3 (1)	1 (0)	-	-	-	1 (0)	1 (1)	-	-	-	
6.591	3-Cyclohexen-1-ol-methyl-	694526	1 (1)	-	-	-	-	-	1 (1)	-	-	-	

6.820 - 7.091	Oxime-, methoxy-phenyl- *	5918850	61 (17)	7 (7)	7 (2)	8 (2)	7 (2)	7 (2)	8 (2)	4 (1)	6 (1)	7 (2)	mandrills (Setchell et al., 2010), olive baboons (Vaglio et al., 2021)
8.252	Bicyclo[3.1.0]hex-2-ene, 4-methylene-1-(1-methylethyl)-	590611	1 (0)	-	-	-	-	-	-	-	-	1 (0)	
8.499 - 8.588	Benzaldehyde	5593836	19 (4)	6 (2)	-	-	3 (0)	4 (2)	-	1 (0)	4 (1)	1 (0)	marmosets (Smith et al., 2001; Kücklich et al., 2019), aye-ayes (del Barco et al., 2013), mandrills (Vaglio et al., 2016), red ruffed lermus (Janda et al., 2019), tamarins (Poirier, Waterhouse, Dunn, et al., 2021; Poirier, Waterhouse, Watsa, et al., 2021), olive baboons (Vaglio et al., 2021)
10.357 - 10.367	p-Cymene	30146684	1 (1)	-	-	-	-	-	1 (1)	-	-	-	owl monkeys (MacDonald et al., 2008)
10.504 - 10.525	D-Limonene	773712	5 (0)	2 (0)	1 (0)	-	-	-	-	1 (1)	-	1 (0)	mandrills (Setchell et al., 2010), marmosets (Kücklich et al., 2019), olive baboons (Vaglio et al., 2021)
10.518	1-Hexanol, -2-ethyl-	629876	2 (1)	-	-	-	2 (1)	-	-	-	-	-	mandrills (Setchell et al., 2010; Vaglio et al., 2016), red ruffed lemurs (Janda et al., 2019)
10.589	Eucalyptol	9438479	1 (0)	-	1 (0)	-	-	-	-	-	-	-	
12.337	Benzene, 1-methyl-4-(1-methylethenyl)-	9180801	1 (1)	-	-	-	-	-	1 (1)	-	-	-	
12.795 - 12.801	Nonanal	916644	16 (4)	3 (1)	-	-	1 (0)	1 (0)	8 (2)	3 (1)	-	-	mandrills (Setchell et al., 2010; Vaglio et al., 2016), aye-ayes (del Barco et al., 2013)
13.411 - 13.421	Benzyl methyl ketone	2843039	2 (1)	1 (0)	-	-	-	1 (0)	-	-	-	-	
14.004 - 14.008	cis-Verbenol	483251	2 (0)	-	-	-	-	-	-	-	1 (0)	1 (0)	red ruffed lemurs (Janda et al., 2019)
14.128	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	8350650	1 (1)	-	-	-	-	-	1 (1)	-	-	-	
14.352	Bicyclo[3.1.0]hexan-2-one, 5-(1-methylethyl)-	440692	1 (1)	-	-	-	-	-	1 (1)	-	-	-	

14.566 - 14.676	Phenol, 4-ethyl-	12386393	21 (4)	3 (2)	-	2 (0)	2 (0)	6 (1)	4 (1)	2 (0)	-	2 (0)	red ruffed lemurs (Janda et al., 2019)
14.950	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)-(.+/-.)-	266716	1 (0)	1 (0)	-	-	-	-	-	-	-	-	mandrills (Vaglio et al., 2016)
15.217	Phenol, 2,3,5,6-tetramethyl-	715590	1 (1)	-	-	-	-	-	1 (1)	-	-	-	
15.455 - 15.462	alpha-Terpineol	1399674	1 (1)	-	-	-	-	-	1 (1)	-	-	-	owl monkeys (MacDonald et al., 2008), red ruffed lemurs (Janda et al., 2019), olive baboons (Vaglio et al., 2021)
15.773 - 15.787	Decanal	701992	3 (1)	-	-	-	-	-	2 (1)	1 (0)	-	-	mandrills (Vaglio et al., 2016)
19.669 - 19.685	Pentanoic acid, 2,2,4-trimethyl-3-hydroxy-, isobutyl ester	877286	30 (9)	3 (1)	2 (1)	3 (1)	3 (1)	5 (1)	6 (2)	3 (1)	2 (0)	3 (1)	
20.311 - 20.328	Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	1326768	31 (11)	3 (1)	2 (1)	4 (2)	4 (2)	5 (2)	6 (2)	3 (1)	2 (0)	2 (0)	mandrills (Vaglio et al., 2016)
25.667 - 25.682	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	950000	44 (14)	4 (2)	2 (1)	4 (2)	5 (2)	8 (2)	6 (1)	5 (1)	4 (1)	6 (2)	
29.884	2-Butenoic acid, 3-[[(Ethylamino)methoxy phosphinothioyl]oxy]-, 1-methylethyl ester, (E)-	1858935	1 (0)	-	-	-	-	-	1 (0)	-	-	-	
31.087	Unknown 04	330128	1 (0)	1 (0)	-	-	-	-	-	-	-	-	
31.382	Ethane, 1-(2,3-xylyl)-1-(3,4-xylyl)-	356324	1 (0)	1 (0)	-	-	-	-	-	-	-	-	
Compounds unique to a female				4		1		2		10		2	