Table S1 Content of volatile compounds identified in LFB.

No.	Compound	CAS	Content (mg/L)
	Esters		
1	Hexanoic acid, ethyl ester	123-66-0	721.3 ± 13.0
2	Butanoic acid, ethyl ester	105-54-4	62.9 ± 0.5
3	Octanoic acid, ethyl ester	106-32-1	51.7 ± 2.2
4	Heptanoic acid, ethyl ester	106-30-9	39.5 ± 1.3
5	Pentanoic acid, ethyl ester	539-82-2	32.8 ± 0.8
6	Hexanoic acid, hexyl ester	6378-65-0	24.3 ± 1.1
7	Hexanoic acid, butyl ester	626-82-4	15.7 ± 0.8
8	Ethyl Acetate	141-78-6	14.5 ± 0.2
9	Isopentyl hexanoate	2198-61-0	9.1 ± 0.5
10	Decanoic acid, ethyl ester	110-38-3	5.3 ± 0.3
11	Hexanoic acid, pentyl ester	540-7-8	5.0 ± 0.4
12	Hexanoic acid, propyl ester	626-77-7	4.7 ± 0.3
13	Butanoic acid, 3-methyl-, ethyl ester	108-64-5	3.2 ± 0.1
14	Nonanoic acid, ethyl ester	123-29-5	3.2 ± 0.2
15	Benzenepropanoic acid, ethyl ester	2021-28-5	1.5 ± 0.1
16	Butanoic acid, 3-methylbutyl ester	106-27-4	1.3 ± 0.0
17	2-Hexenoic acid, ethyl ester	1552-67-6	1.2 ± 0.2
18	Propanoic acid, 2-methyl-, ethyl ester	97-62-1	1.0 ± 0.0
19	Acetic acid, hexyl ester	142-92-7	1.0 ± 0.1
20	n-Heptyl hexanoate	6976-72-3	0.9 ± 0.1
21	Benzeneacetic acid, ethyl ester	101-97-3	0.9 ± 0.1
22	Butanoic acid, hexyl ester	2639-63-6	0.9 ± 0.1
23	Pentanoic acid, butyl ester	591-68-4	0.8 ± 0.0
24	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	0.7 ± 0.2
25	Propanoic acid, 2-hydroxy-, ethyl ester	97-64-3	0.6 ± 0.1
26	Hexanoic acid, 2-methylbutyl ester	2601-13-0	0.6 ± 0.1
27	Pentanoic acid, 2-hydroxy-4-methyl-, ethyl ester	10348-47-7	0.6 ± 0.0
28	Hexanoic acid, 2-methylpropyl ester	105-79-3	0.5 ± 0.0
29	Octanoic acid, 3-methylbutyl ester	2035-99-6	0.5 ± 0.0
30	1-Butanol, 3-methyl-, acetate	123-92-2	0.5 ± 0.1
31	Pentanoic acid, 3-methylbutyl ester	2050-09-1	0.5 ± 0.0
32	Octanoic acid, hexyl ester	1117-55-1	0.4 ± 0.1
33	(Z)-Ethyl pentadec-9-enoate	56219-9-1	0.4 ± 0.0
34	Butanoic acid, 2-methyl-, ethyl ester	7452-79-1	0.3 ± 0.1
35	4-Heptenoic acid, ethyl ester, (E)-	54340-70-4	0.3 ± 0.0
36	Benzoic acid, ethyl ester	93-89-0	0.3 ± 0.1
37	Cyclohexanecarboxylic acid, ethyl ester	3289-28-9	0.2 ± 0.0
38	3-Hexenoic acid, ethyl ester	2396-83-0	0.2 ± 0.0
39	Furfuryl ethyl ether	6270-56-0	0.2 ± 0.0
40	Propanoic acid, 2-methyl-, octyl ester	109-15-9	0.2 ± 0.0
41	Propyl octanoate	624-13-5	0.2 ± 0.0
42	Furfuryl hexanoate	39252-2-3	0.1 ± 0.0
43	Butanoic acid, 3-methyl-, hexyl ester	10032-13-0	0.1 ± 0.1
44	Undecanoic acid, ethyl ester	627-90-7	0.1 ± 0.0
45	Hexadecanoic acid, ethyl ester	628-97-7	0.1 ± 0.0
46	Tetradecanoic acid, ethyl ester	124-6-1	0.1 ± 0.0
47	Ethyl trans-4-decenoate	76649-16-6	0.1 ± 0.0
48	Butanedioic acid, diethyl ester	123-25-1	0.1 ± 0.0
	Total Esters	**1010.4 ± 21.1**	
	Acids		
49	Hexanoic acid	142-62-1	30.3 ± 0.5
50	Octanoic acid	124-7-2	6.7 ± 0.4
51	Heptanoic acid	111-14-8	2.4 ± 0.1
52	Hexanoic acid, anhydride	2051-49-2	1.2 ± 0.1
53	Butanoic acid	107-92-6	0.6 ± 0.1

54	Pentanoic acid	109-52-4	0.2 ± 0.1
	Total Acids	**41.0 ± 0.7**	
	Alcohols		
55	Ethanol	64-17-5	23.5 ± 1.1
56	1-Hexanol	111-27-3	7.5 ± 0.2
57	1-Butanol, 3-methyl-	123-51-3	2.8 ± 0.0
58	1-Octanol	111-87-5	1.3 ± 0.2
59	1-Heptanol	111-70-6	0.7 ± 0.0
60	1-Propanol, 2-methyl-	78-83-1	0.3 ± 0.2
61	1-Hexanol, 2-ethyl-	104-76-7	0.2 ± 0.1
62	2H-Pyran-2-methanol, tetrahydro-	100-72-1	0.2 ± 0.1
63	Phenylethyl Alcohol	60-12-8	0.1 ± 0.0
	Total Alcohols	**36.5 ± 1.1**	
	Hydrocarbons		
64	Longifolene	475-20-7	1.1 ± 0.2
65	Benzene, (2,2-diethoxyethyl)-	6314-97-2	1.0 ± 0.0
66	Nonane, 1,1-diethoxy-	54815-13-3	0.3 ± 0.0
67	2-Undecanone	112-12-9	0.2 ± 0.0
68	Tetradecane	629-59-4	0.1 ± 0.0
	Total Hydrocarbons	**2.6 ± 0.2**	
	Ketones		
69	2-Nonanone	821-55-6	0.4 ± 0.1
70	(Z)-Pentadec-6-en-2-one	252931-22-9	0.2 ± 0.1
71	(Z)-Oxacyclopentadec-6-en-2-one	63958-52-1	0.1 ± 0.0
	Total Ketones	**0.7 ± 0.1**	
	Phenols		
72	2,4-Di-tert-butylphenol	96-76-4	0.1 ± 0.0
73	p-Cresol	106-44-5	0.1 ± 0.0
	Total Phenols	**0.2 ± 0.0**	
	Aldehydes		
74	Nonanal	124-19-6	0.6 ± 0.1