Table S1. Volatile compounds identified in the headspace of strain CT32 by HS-SPME-GC-MS.

Compound	RT [1] (min)	Molecular formula	CAS number	Similarity (%)	Determined RI [2]	RI from reference [3]	RA [4] (%)
(Z)-5-Undecene	14.70	$C_{11}H_{22}$	764-96-5	93	1094.06	– [5]	0.28 ± 0.05 [6]
Undecane	14.95	$C_{11}H_{24}$	1120-21-4	93	1100.89	1100	0.34 ± 0.13
Decanal	18.74	$C_{10}H_{20}O$	112-31-2	97	1206.04	1206	0.88 ± 0.13
Benzothiazole	19.50	C_7H_5NS	95-16-9	91	1227.13	1223	0.06 ± 0.01
Decyl formate	21.12	$C_{11}H_{22}O_2$	5451-52-5	86	1271.47	–	0.98 ± 0.09
4,7-Dimethylundecane	21.31	$C_{13}H_{28}$	17301-32-5	86	1276.65	–	0.09 ± 0.07
3-Undecanone	21.74	$C_{11}H_{22}O$	2216-87-7	90	1288.56	1283	0.34 ± 0.12
2-Undecanone	21.95	$C_{11}H_{22}O$	112-12-9	94	1294.35	1294	3.37 ± 0.35
2-Undecanol	22.29	$C_{11}H_{24}O$	1653-30-1	90	1303.13	1303	8.46 ± 0.46
Undecanal	22.47	$C_{11}H_{22}O$	112-44-7	95	1307.32	1307	0.60 ± 0.08
2-Dodecanone	24.57	$C_{12}H_{24}O$	6175-49-1	90	1357.06	1348	2.43 ± 0.11
2-Dodecanol	24.88	$C_{12}H_{26}O$	10203-28-8	90	1364.50	1417	3.24 ± 0.09
2,4-Dimethyl-6-tert-butylphenol	25.87	$C_{12}H_{18}O$	1879-09-0	90	1387.83	–	0.10 ± 0.01
Tetradecane	26.38	$C_{14}H_{30}$	629-59-4	93	1399.98	1400	0.11 ± 0.02
Dodecanal	26.98	$C_{12}H_{24}O$	112-54-9	87	1412.45	1411	48.56 ± 0.56
1-Dodecanol	29.93	$C_{12}H_{26}O$	112-53-8	91	1474.06	1475	10.27 ± 0.20
Dodecanenitrile	30.61	$C_{12}H_{23}N$	2437-25-4	93	1488.39	1486	0.23 ± 0.05
2-Tridecanone	30.98	$C_{13}H_{26}O$	593-08-8	95	1496.12	1496	2.34 ± 0.03
Pentadecane	31.17	$C_{15}H_{32}$	629-62-9	93	1500.02	1500	0.11 ± 0.02
2-Tridecanol	31.34	$C_{13}H_{28}O$	1653-31-2	90	1503.08	1510	1.69 ± 0.20
Butylated Hydroxytoluene	31.83	$C_{15}H_{24}O$	128-37-0	98	1511.78	1511	0.41 ± 0.10
2-Tetradecanone	34.56	$C_{14}H_{28}O$	2345-27-9	94	1560.41	1597	2.56 ± 0.10
2-Tetradecanol	35.31	$C_{14}H_{30}O$	4706-81-4	90	1573.82	1575	0.65 ± 0.05
2-Methylpentadecane	35.85	$C_{16}H_{34}$	1560-93-6	83	1583.36	1569	1.05 ± 0.22
Hexadecane	36.78	$C_{16}H_{34}$	544-76-3	96	1599.91	1600	0.19 ± 0.03
Tetradecanal	37.43	$C_{14}H_{28}O$	124-25-4	91	1611.71	1611	0.28 ± 0.04
2,2',5,5'-Tetramethyl-1,1'-biphenyl	40.73	$C_{16}H_{18}$	3075-84-1	95	1671.99	1669	0.17 ± 0.06
Heptadecane	42.27	$C_{17}H_{36}$	629-78-7	97	1699.93	1700	0.81 ± 0.27
2-Hexadecanone	46.29	$C_{16}H_{32}O$	18787-63-8	93	1772.03	1800	0.24 ± 0.04
Octadecane	47.85	$C_{18}H_{38}$	593-45-3	96	1799.80	1800	0.05 ± 0.01

[1] RT represents the retention time in minutes.

[2] RI represents the retention index and was calculated using *n*-alkanes (C_7-C_{40}) as reference compounds.

[3] The reference value of the retention index was retrieved from the NIST Chemistry WebBook (https://webbook.nist.gov/chemistry/).

[4] RA represents the relative amount of the detected compound.

[5] The retention index was not retrieved.

[6] Data are the mean ± standard deviation (n = 3).