Table S1 The information of volatile compounds in GE and GET.

Numbers	Compounds	1st Dimension Time (min)	2nd Dimension Time (s)	RI[a]	RI[b]	Contents ± standard deviation (μg/L)		*p*	VIP
						GE	GET		
Alcohols									
1	1-Penten-3-ol	3.50	1.76	693	685	0.41±0.72	26.90±10.32	0.011	1.178
2	2-Methyl-1-butanol	4.08	1.70	726	733	6.05±3.91	9.16±2.68	0.319	0.642
3	(*Z*)-2-Penten-1-ol	4.83	2.00	767	763	0.63±1.09	15.31±2.18	0	1.275
4	1-Pentanol	5.08	1.94	781	769	27.07±8.80	13.59±2.52	0.063	1.020
5	3-Hexen-1-ol	6.08	2.06	839	857	1673.20±604.77	648.60±147.48	0.046	1.066
6	1-Hexanol	6.42	1.93	855	865	451.93±114.02	271.05±80.04	0.088	1.017
7	(*E*)-3-Hexen-1-ol	6.92	1.83	882	869	10.48±10.61	20.70±23.55	0.531	0.490
8	4-Methyl-1-pentanol	7.00	1.97	864	866	5.28±6.34	5.23±6.18	0.993	0.192
9	1-Heptanol	8.50	1.94	970	974	37.17±9.36	9.43±4.24	0.009	1.227
10	2-Ethyl-1-hexanol	9.67	1.93	1035	1039	6.70±3.19	1.68±2.91	0.114	0.946
11	Benzyl alcohol	9.92	2.68	1048	1040	881.99±595.09	196.45±12.43	0.117	0.948
12	1-Octanol	10.50	1.96	1081	1070	63.54±10.19	35.62±6.22	0.015	1.157
13	cis-*α*,*α*,5-Trimethyl-5-ethenyltetrahydro-2-furanmethanol	10.58	2.20	1085	1079	0.00±0.00	2.25±2.07	0.133	0.884
14	trans-Linalool oxide (furanoid)	10.92	2.05	1104	1090	1.70±2.94	6.27±2.53	0.111	0.923
15	Linalool	11.17	2.02	1118	1110	483.58±160.50	427.41±267.45	0.771	0.286
16	3,7-Dimethyl-1,5,7-octatrien-3-ol	11.17	2.13	1118	1108	64.44±41.34	9.97±9.38	0.09	0.986
17	Phenylethyl Alcohol	11.42	2.74	1131	1118	1906.91±1144.05	126.05±4.51	0.054	1.053
18	1-Nonanol	12.50	1.94	1191	1181	14.06±2.62	13.16±1.56	0.638	0.329
19	(3S,6R)-Linalool oxide C	12.50	2.24	1171	1167	19.95±22.19	6.22±0.85	0.344	0.713
20	Terpinen-4-ol	12.75	2.18	1205	1196	421.55±143.61	5.44±0.35	0.007	1.200
21	Terpineol	13.00	2.20	1219	1203	55.70±44.46	4.29±6.89	0.119	1.002
22	Nerol	13.50	2.14	1247	1240	65.07±28.49	20.71±5.13	0.057	1.049
23	Geraniol	13.67	1.99	1255	1255	6.25±1.72	3.07±2.69	0.159	0.851
24	Nerolidol	19.08	2.03	1556	1560	212.73±177.60	22.48±5.52	0.137	0.920
25	Di-epi-1,10-cubenol	20.42	2.32	1630	1614	144.25±98.75	8.66±1.71	0.076	1.010
26	τ-Cadinol	20.58	2.35	1639	1652	124.84±78.21	8.96±2.01	0.062	1.038
						6685.48±2896.94	1918.66±388.82	0.048	
Esters									
27	Ethyl Acetate	2.75	1.30	652	633	38.18±35.00	69.95±42.39	0.373	0.639
28	Propanoic acid, 2-methyl-, ethyl ester	4.42	1.87	744	751	0.00±0.00	22.05±8.39	0.01	1.182
29	Butanoic acid, 2-methyl-, methyl ester	4.67	1.75	758	770	53.46±29.00	7.15±2.20	0.051	1.056
30	Butanoic acid, ethyl ester	5.17	1.97	786	798	0.00±0.00	47.56±9.69	0.001	1.259
31	Butanoic acid, 2-methyl-, ethyl ester	6.00	2.01	832	846	122.39±113.93	35.68±10.76	0.26	0.768
32	Methyl tiglate	6.33	2.05	850	860	84.62±8.87	358.96±70.82	0.003	1.239
33	2-Propenoic acid, butyl ester	6.92	1.94	882	892	13.94±8.57	9.13±8.86	0.536	0.447
34	Acetic acid, pentyl ester	7.33	2.08	906	912	0.00±0.00	17.76±4.89	0.003	1.232
35	Propanoic acid, butyl ester	7.33	2.04	906	910	0.00±0.00	1.15±1.99	0.374	0.579
36	Hexanoic acid, methyl ester	7.50	1.92	915	925	78.71±49.28	38.63±6.21	0.235	0.805
37	(*E*)-3-Hexenoic acid, methyl ester	7.58	2.07	919	910	46.42±30.61	15.86±2.29	0.16	0.889
38	Ethyl tiglate	7.83	2.26	933	944	0.00±0.00	456.57±116.99	0.002	1.240
39	1-Butanol, 2-methyl-, propanoate	8.50	2.06	970	950	0.00±0.00	9.98±0.91	0	1.288
40	Hexanoic acid, ethyl ester	9.08	0.20	1002	1001	0.00±0.00	55.39±14.49	0.003	1.237
41	(*Z*)-3-Hexen-1-ol, acetate	9.17	2.02	1007	1005	271.86±127.80	3069.27±512.75	0.001	1.266
42	Acetic acid, hexyl ester	9.25	1.96	1012	1018	115.74±52.29	1320.86±356.18	0.004	1.223
43	2-Hexen-1-ol, acetate	9.58	2.10	1030	1025	3.69±6.39	2.06±3.56	0.719	0.422

44	Butanoic acid, 2-methylbutyl ester	10.33	2.04	1072	1056	0.00±0.00	31.85±8.88	0.003	1.231
45	(*Z*)-3-Hexen-1-ol, propanoate	11.00	2.01	1108	1105	14.42±11.14	563.98±52.17	0	1.288
46	Butanoic acid, pentyl ester	11.00	2.08	1108	1091	0.00±0.00	4.33±0.65	0	1.276
47	Benzoic acid, methyl ester	11.08	2.59	1113	1103	3195.76±2412.01	3549.00±2647.87	0.873	0.325
48	Octanoic acid, methyl ester	11.50	1.96	1136	1127	38.72±8.24	1.86±1.62	0.002	1.248
49	n-Butyl tiglate	11.75	2.06	1150	1136	0.02±0.01	0.21±0.05	0.004	1.229
50	(*E*)-Butanoic acid, 3-hexenyl ester	11.83	1.95	1155	1166	9.22±6.09	407.14±89.79	0.002	1.253
51	Butanoic acid, 2-methyl-, pentyl ester	11.92	2.03	1159	1156	0.00±0.00	2.18±0.04	0	1.296
52	Butanoic acid, hexyl ester	12.00	1.86	1184	1191	7.75±5.99	584.48±81.02	0	1.278
53	Acetic acid, phenylmethyl ester	12.33	2.60	1182	1169	29.70±36.17	287.14±53.39	0.002	1.251
54	Benzoic acid, ethyl ester	12.42	2.61	1187	1175	518.97±671.48	1853.20±451.10	0.046	1.101
55	(*Z*)-Butanoic acid, 3-hexenyl ester	12.83	2.21	1190	1189	27.08±27.48	757.42±675.24	0.135	0.905
56	Methyl salicylate	13.00	2.56	1219	1206	197.63±34.40	585.37±495.54	0.248	0.722
57	Octanoic acid, ethyl ester	13.00	2.07	1219	1201	0.24±0.41	1.04±0.18	0.037	1.086
58	Acetic acid, octyl ester	13.17	1.92	1228	1216	1.39±1.37	4.45±3.87	0.267	0.756
59	Nonanoic acid, methyl ester	13.42	1.94	1242	1225	57.40±15.17	6.33±5.49	0.005	1.215
60	Butanoic acid, 2-methyl-, hexyl ester	13.67	1.87	1236	1234	74.57±28.92	265.32±51.47	0.005	1.225
61	Benzeneacetic acid, ethyl ester	13.83	2.56	1265	1255	66.03±76.72	6.84±2.48	0.253	0.784
62	Hexanoic acid, 2-methylbutyl ester	13.92	1.89	1250	1246	0.16±0.15	5.99±0.74	0	1.282
63	Acetic acid, 2-phenylethyl ester	14.00	2.57	1274	1260	33.93±18.08	25.50±10.83	0.527	0.560
64	Propanoic acid, phenylmethyl ester	14.08	2.52	1279	1266	4.73±7.00	68.28±6.61	0	1.282
65	(*Z*)-(*Z*)-Hex-3-en-1-yl 2-methylbut-2-enoate	14.42	2.07	1298	1282	37.54±29.27	115.54±115.81	0.321	0.668
66	Benzoic acid, 2-hydroxy-, ethyl ester	14.50	2.33	1302	1286	0.00±0.00	60.70±16.23	0.003	1.237
67	Butanoic acid, heptyl ester	14.67	2.05	1292	1276	0.54±0.94	5.80±0.49	0.001	1.276
68	Propanoic acid, 2-methyl-, phenylmethyl ester	14.75	2.41	1316	1305	11.17±8.43	113.10±16.70	0.001	1.271
69	(*Z*)-Hex-3-enyl (*E*)-2-methylbut-2-enoate	15.17	2.13	1339	1325	103.62±52.88	140.36±35.43	0.374	0.680
70	Decanoic acid, methyl ester	15.25	2.00	1344	1328	60.85±19.48	0.00±0.00	0.006	1.231
71	Butanoic acid, 2-methyl-, heptyl ester	15.33	1.91	1348	1333	6.46±2.63	6.96±0.68	0.767	0.555
72	Hexyl tiglate	15.33	2.08	1348	1330	3422.36±2000.00	3178.78±2668.51	0.905	0.183
73	Propanoic acid, 2-phenylethyl ester	15.67	2.65	1367	1350	0.93±1.61	21.63±4.08	0.001	1.263
74	Butanoic acid, phenylmethyl ester	15.75	2.66	1371	1354	3.07±5.31	53.58±5.72	0	1.282
75	cis-3-Hexenyl cis-3-hexenoate	16.17	2.07	1394	1388	12.90±14.24	30.41±27.70	0.385	0.581
76	Butyl benzoate	16.17	2.39	1376	1360	16.00±13.28	29.61±8.69	0.212	0.858
77	(*Z*)-Hexanoic acid, 3-hexenyl ester	16.17	1.97	1394	1381	24.14±12.89	73.20±7.18	0.005	1.245
78	(*E*)-Hexanoic acid, 2-hexenyl ester	16.25	1.89	1399	1391	0.58±1.00	9.13±8.00	0.14	0.880
79	(*Z*)-2,6-Octadien-1-ol, 3,7-dimethyl-, acetate	16.25	2.10	1381	1376	0.07±0.07	3.01±0.24	0	1.290

80	Hexanoic acid, hexyl ester	16.33	2.07	1404	1392	2.31±4.01	20.49±1.03	0.002	1.249
81	Butanoic acid, 3-methyl-, phenylmethyl ester	16.50	2.37	1413	1399	2.48±2.24	0.09±0.16	0.14	0.965
82	Heptyl (*E*)-2-methylbut-2-enoate	16.92	2.03	1436	1429	215.46±126.55	54.10±12.00	0.093	0.985
83	Butanoic acid, 2-methyl-, octyl ester	17.00	1.87	1440	1429	12.34±4.70	3.52±0.74	0.033	1.105
84	1-Butanol, 3-methyl-, benzoate	17.17	2.36	1450	1441	241.62±185.74	260.79±52.54	0.872	0.497
85	5-Hexyldihydro-2 (3H)-furanone	17.58	2.68	1473	1475	388.11±108.61	33.88±15.00	0.005	1.221
86	Pent-2-en-1-yl benzoate	17.92	2.52	1491	1492	25.56±26.91	5.91±2.08	0.276	0.773
87	Benzyl tiglate	18.17	2.66	1505	1498	623.54±561.10	404.74±142.58	0.548	0.579
88	Dihydroactinodiolide	18.75	3.13	1537	1539	5.23±2.21	14.42±3.46	0.018	1.160
89	(Z)-3-Hexen-1-ol, benzoate	19.25	2.49	1565	1570	1561.81±1518.42	608.36±150.55	0.34	0.719
90	Benzoic acid, hexyl ester	19.33	2.36	1570	1580	331.57±278.48	99.03±23.84	0.223	0.820
91	2-Phenylethyl tiglate	19.42	2.63	1574	1585	525.52±355.19	51.67±16.14	0.082	1.001
92	Benzoic acid, heptyl ester	20.83	2.33	1663	1683	11.73±8.67	0.60±0.16	0.09	0.987
93	(*E, Z*)-2-Butenoic acid, 2-methyl-, 3,7-dimethyl-2,6-octadienyl ester	21.00	2.22	1646	1631	376.14±278.47	7.26±1.47	0.083	0.999
94	Methyl tetradecanoate	21.33	1.93	1680	1684	8.24±2.71	0.00±0.00	0.006	1.207
						13138.64±8967.95	19956.62±7253.29	0.364	
Alkenes									
95	(*E, E*)-1,3,5-Heptatriene	4.75	1.68	763	781	336.11±232.51	15.03±3.65	0.075	1.013
96	1,3-Trans-5-cis-octatriene	6.58	1.80	864	880	6.47±3.69	1.33±0.03	0.073	1.014
97	Styrene	6.92	2.12	882	879	46.66±15.02	73.68±11.03	0.066	1.049
98	*α*-Pinene	7.75	1.71	929	941	263.78±11.89	241.12±28.84	0.277	0.687
99	Camphene	8.17	1.76	952	952	6.22±4.03	1.50±0.24	0.112	0.956
100	Bicyclo[3.1.0]hexane, 4-methylene-1-(1-methylethyl)-	8.58	1.83	975	976	323.82±121.43	1.01±0.89	0.01	1.184
101	*α*-Methyl-styrene	8.75	2.19	984	994	2.31±0.79	1.15±0.73	0.137	0.892
102	2,6-Dimethyl-2,6-octadiene	8.75	1.68	984	978	4.20±2.39	5.49±1.33	0.46	0.616
103	*α*-Myrcene	8.83	1.81	989	986	1032.94±663.26	711.14±222.00	0.47	0.606
104	3-Methylene-nonane	8.92	1.63	993	987	1.91±1.66	5.70±2.41	0.088	0.971
105	*α*-Phellandrene	9.25	1.85	1012	1005	612.60±522.91	56.73±23.89	0.14	0.910
106	*α*-Terpinene	9.50	1.88	1025	1017	378.98±129.47	21.69±6.32	0.009	1.192
107	*α*-Ocimene	10.17	2.02	1062	1051	142.99±247.67	1.77±3.06	0.379	0.666
108	Terpinolene	10.83	1.99	1099	1089	292.89±99.09	25.85±23.15	0.01	1.183
109	(*E*)-4,8-Dimethylnona-1,3,7-triene	11.33	1.87	1127	1116	22.76±11.55	22.57±9.76	0.984	0.280
110	1,3,8-p-Menthatriene	11.42	2.11	1131	1127	14.67±5.05	0.79±1.37	0.01	1.189
111	(*E, Z*)-2,6-Dimethyl-2,4,6-octatriene	11.67	1.94	1145	1131	42.10±29.96	73.99±19.11	0.195	0.890
112	(*Z*)-3-Dodecene	12.83	1.66	1190	1185	2.79±0.70	10.59±3.53	0.02	1.143
113	(*E*)-3-Tridecene	14.67	1.66	1292	1285	3.08±2.70	4.03±1.70	0.631	0.369
114	Theaspiran	14.92	2.08	1325	1315	2542.11±643.43	1684.29±1229.87	0.345	0.695
115	*α*-Cubebene	15.75	1.87	1371	1359	39.47±23.45	22.03±6.07	0.28	0.770
116	Copaene	16.25	1.92	1399	1398	130.07±165.55	4.59±2.57	0.26	0.785
117	Alloaromadendrene	17.42	2.04	1464	1458	90.43±125.12	1.68±0.46	0.084	0.998
118	Acenaphthylene	17.58	3.07	1473	1483	1.91±1.30	4.46±0.80	0.044	1.112
119	Humulene	17.67	2.06	1477	1472	0.00±0.00	8.68±1.57	0.001	1.269
120	1-(1,5-dimethyl-4-hexenyl)-4-methyl- benzene	17.92	2.08	1491	1488	89.67±55.98	1.68±1.08	0.053	1.055
121	(*Z, E*)-3,7,11-Trimethyl-1,3,6,10-dodecatetraene	18.00	2.38	1496	1488	7.60±3.66	1.21±0.28	0.039	1.076
122	*α*-Farnesene	18.17	2.02	1505	1508	420.90±170.22	39.72±3.20	0.018	1.152

123	*δ*-Cadinene	18.50	2.14	1523	1522	384.27±266.48	36.24±7.28	0.087	0.995
124	*cis*-Calamenene	18.58	2.26	1528	1528	306.86±242.71	55.13±16.65	0.148	0.907
125	Cubenene	19.08	2.06	1539	1535	134.90±79.80	3.40±3.65	0.046	1.072
126	Neophytadiene	23.17	1.76	1790	1807	5.31±2.07	4.98±1.96	0.849	0.333
						7690.78±2293.16	3143.27±1474.95	0.045	
Alkanes									
127	4-Methyl-octane	6.25	1.49	846	864	10.79±6.93	0.00±0.00	0.054	1.053
128	3-Methyl-nonane	8.50	1.52	970	972	4.07±1.27	4.04±0.68	0.979	0.366
129	2,2,4,6,6-Pentamethyl-heptane	8.92	4.45	993	995	0.00±0.00	34.00±8.10	0.002	1.247
130	2,6-Dimethyl-nonane	9.50	1.55	1025	1030	9.04±3.03	6.20±2.38	0.271	0.699
131	2-Syn-methyl-cis-decalin	11.50	1.83	1140	1159	1.96±0.49	4.19±2.37	0.185	0.808
132	5-Ethyl-decane	12.00	1.54	1164	1146	3.86±3.57	11.39±1.70	0.03	1.158
133	2-Methyl-undecane	12.33	1.57	1182	1165	13.46±1.86	25.48±5.89	0.028	1.110
134	3-Methyl-undecane	12.67	1.56	1181	1171	14.22±14.53	2.33±0.37	0.23	0.795
135	2,6-Dimethyl-undecane	13.33	0.00	1238	1236	5.50±9.53	13.08±2.29	0.251	0.742
136	2,8-Dimethyl- undecane	13.42	1.58	1242	1223	10.61±3.90	7.23±8.02	0.548	0.405
137	3-Methyl-tridecane	15.92	1.60	1381	1371	70.59±54.98	40.59±5.46	0.4	0.610
						144.09±77.76	148.53±25.28	0.93	
Ketones									
138	2-Pentanone	3.50	1.86	693	689	0.00±0.00	6.52±6.24	0.145	0.867
139	1-Penten-3-one	3.50	1.69	693	680	79.51±83.44	22.23±8.98	0.303	0.747
140	4-Methyl-3-penten-2-one	5.08	2.20	781	798	0.00±0.00	33.76±8.64	0.002	1.240
141	2-Heptanone	6.83	1.96	878	863	1.06±1.10	8.92±0.50	0	1.272
142	6-Methyl-5-hepten-2-one	8.75	2.15	984	994	59.34±50.40	25.37±5.02	0.31	0.739
143	2,5-Octanedione	8.75	2.01	984	980	0.89±1.02	3.80±0.63	0.014	1.166
144	2,2,6-Trimethyl-cyclohexanone	9.92	2.38	1048	1047	0.00±0.00	15.27±4.49	0.004	1.224
145	Isophorone	10.42	2.48	1076	1080	0.00±0.00	13.27±3.66	0.003	1.232
146	(*E,* *E*)-3,5-Octadien-2-one	10.50	2.32	1081	1072	44.78±27.32	90.74±18.29	0.073	1.050
147	Acetophenone	10.50	2.77	1081	1065	25.71±11.55	21.82±4.52	0.616	0.518
148	6-Methyl-3,5-heptadiene-2-one	11.17	2.45	1118	1108	24.08±13.12	5.72±0.87	0.073	1.012
149	(*R,* *S*)-5-Ethyl-6-methyl-3E-hepten-2-one	12.08	2.27	1148	1143	1.02±1.76	0.00±0.00	0.374	0.616
150	3-Undecanone	14.67	2.13	1292	1283	0.00±0.00	6.32±0.64	0	1.288
151	*cis*-Jasmone	16.67	2.66	1422	1405	6.40±4.04	20.23±5.57	0.025	1.145
152	*α*-Ionone	16.92	2.27	1436	1439	0.52±0.45	15.82±3.05	0.001	1.260
153	Geranylacetone	17.25	2.22	1454	1458	1162.16±513.49	88.59±15.82	0.022	1.136
						1405.45±696.40	378.38±46.26	0.063	
Heterocyclic compounds									
154	2,4-Dimethyl-furan	3.75	4.72	707	708	0.00±0.00	7.89±4.05	0.028	1.111
155	2-Ethyl-furan	3.75	1.57	707	703	50.25±36.28	79.84±8.32	0.241	0.859
156	2-Ethyl-5-methyl-furan	5.08	1.98	781	791	0.00±0.00	2.05±0.36	0.001	1.269
157	2-n-Butyl furan	6.83	1.84	878	892	4.14±2.24	5.04±0.37	0.534	0.577
158	1-(2-Furanyl)-ethanone	7.42	2.81	910	918	3.63±4.62	0.00±0.00	0.245	0.803
159	2-Pentyl-furan	8.83	1.93	989	990	287.67±76.50	188.05±21.78	0.096	0.949
160	trans-2-(2-Pentenyl)-furan	9.08	2.33	1002	1003	6.87±8.05	3.79±3.32	0.573	0.589
161	Neryl oxide	12.25	2.29	1178	1161	7.51±6.56	10.29±8.93	0.687	0.277
162	3-Phenyl-furan	13.58	2.62	1232	1225	5.87±2.27	1.07±0.95	0.028	1.109
163	Indole	14.92	3.26	1325	1305	67.88±99.15	255.68±109.51	0.092	1.006
164	Dihydro-5-pentyl-2(3H)-furanone	15.92	2.73	1381	1379	197.71±37.55	5.95±1.96	0.001	1.260
						631.55±195.73	559.65±103.22	0.604	
Aldehydes									
165	2-Methyl-butanal	3.33	1.54	684	681	29.65±24.81	44.93±24.88	0.493	0.582
166	Pentanal	3.67	1.66	703	704	67.96±51.39	53.06±12.56	0.651	0.493
167	2-Methyl-pentanal	4.42	4.57	744	758	0.00±0.00	5.21±2.01	0.011	1.182
168	(*E*)-2-Pentenal	4.42	1.99	744	750	47.86±32.31	1.47±1.50	0.068	1.027
169	Hexanal	5.25	1.28	790	799	267.22±70.12	36.21±7.11	0.005	1.217
170	(*E*)-2-Hexenal	6.08	2.16	836	852	253.88±245.74	0.00±0.00	0.148	0.897
171	Heptanal	7.08	1.96	892	905	31.39±4.63	7.02±2.03	0.001	1.258
172	(*Z*)-2-Heptenal	8.33	2.13	961	957	47.25±16.89	0.00±0.00	0.008	1.192

173	Benzaldehyde	8.42	2.66	965	960	961.10±313.91	413.17±91.40	0.044	1.069
174	(*E, E*)-2,4-Heptadienal	9.42	2.37	1021	1022	64.21±55.40	16.86±9.37	0.218	0.821
175	Benzeneacetaldehyde	10.00	2.77	1053	1043	611.44±255.15	95.47±15.51	0.025	1.134
176	2,6-Dimethyl-5-heptenal	10.33	1.99	1050	1047	6.03±5.51	0.82±0.71	0.18	0.842
177	Nonanal	11.25	1.99	1122	1120	176.38±142.47	16.89±15.65	0.126	0.911
178	(*E, E*)-2,4-Octadienal	11.33	2.33	1127	1110	22.87±14.95	1.09±1.03	0.066	1.031
179	α-Cyclocitral	11.67	2.39	1145	1127	0.00±0.00	5.97±0.92	0	1.274
180	(*E, Z*)-2,6-Nonadienal	12.17	2.23	1173	1155	59.97±11.11	0.00±0.00	0.001	1.271
181	Lilac aldehyde D	12.33	2.31	1182	1169	9.09±6.04	0.08±0.07	0.061	1.032
182	Safranal	13.08	2.46	1224	1207	46.81±10.07	17.03±1.76	0.007	1.199
183	α,4-Dimethyl-3-cyclohexene-1-acetaldehyde	13.42	2.34	1242	1234	21.62±8.83	1.04±0.09	0.016	1.160
184	*β*-Cyclocitral	13.50	2.38	1247	1234	1.65±0.80	17.95±2.13	0	1.280
185	(*Z*)-3,7-Dimethyl-2,6-octadienal	13.75	2.29	1261	1255	5.09±0.85	14.58±12.65	0.264	0.709
186	Citral	14.25	2.29	1288	1272	21.54±3.83	6.56±1.17	0.003	1.232
187	Undecanal	14.92	1.99	1325	1307	5.80±1.55	1.19±0.18	0.007	1.202
						2758.81±909.33	756.61±99.22	0.019	
Aromatic compounds									
188	Toluene	4.67	1.80	758	760	101.60±50.05	56.07±9.63	0.197	0.842
189	Ethylbenzene	6.25	1.96	846	851	23.82±4.15	12.94±11.32	0.193	0.799
190	*p*-Xylene	6.92	2.02	882	881	1150.13±758.94	170.54±33.00	0.089	0.988
191	Propyl-benzene	8.17	1.99	952	944	4.71±2.05	5.13±2.30	0.824	0.293
192	1-Ethyl-3-methyl-benzene	8.33	2.01	961	960	17.07±6.89	10.52±0.07	0.175	0.876
193	1,2,3-Trimethyl-benzene	9.58	2.23	1030	1020	19.98±6.89	45.40±10.43	0.024	1.126
194	o-Cymene	9.67	2.03	1035	1028	1304.69±455.71	114.41±15.55	0.011	1.181
195	cis-Decahydro-naphthalene	10.42	1.86	1076	1082	1.79±0.84	2.72±1.17	0.329	0.675
196	4-Ethyl-1,2-dimethyl-benzene	10.67	2.09	1090	1088	6.49±1.11	7.83±7.19	0.766	0.206
197	1-Methyl-4-(1-methylethenyl)-benzene	11.00	2.18	1108	1105	215.01±77.11	30.40±9.34	0.015	1.160
198	1,2,3,4-Tetramethyl-benzene	11.58	2.18	1141	1145	36.25±17.57	76.01±5.89	0.021	1.174
199	1,2,3,4-Tetrahydro-naphthalene	12.42	2.44	1167	1163	4.03±0.86	3.66±0.48	0.558	0.495
200	Naphthalene	12.92	2.71	1195	1190	455.35±192.22	205.08±45.28	0.093	0.978
201	2,3-Dihydro-4,7-dimethyl-1H-indene	14.00	2.33	1255	1253	85.91±22.16	6.32±1.07	0.003	1.228
202	Pentamethyl-benzene	14.58	2.28	1307		77.01±22.14	3.76±0.12	0.005	1.218
203	1,2,3,4-Tetrahydro-1,8-dimethyl-naphthalene	14.75	2.26	1316	1318	15.97±6.17	0.51±0.05	0.012	1.174
204	1-Methyl-naphthalene	15.25	2.81	1325	1321	465.14±229.26	18.46±4.79	0.028	1.119
205	Biphenyl	16.33	2.76	1404	1391	13.25±6.32	1.57±0.45	0.033	1.105
206	2,6-Dimethyl-naphthalene	16.83	2.60	1431	1411	251.26±111.03	8.30±0.75	0.019	1.147
207	Butylated hydroxytoluene	18.25	2.22	1510	1514	64.14±29.99	50.07±7.95	0.476	0.610
208	1,6-Dimethyl-4-(1-methylethyl)-naphthalene	20.83	2.58	1653	1663	19.67±13.47	3.55±1.14	0.108	0.961
						4333.28±1962.70	829.70±148.14	0.037	
Acids									
209	Hexanoic acid	8.92	2.05	993	985	421.83±191.66	0.00±0.00	0.019	1.147
210	Benzoic acid	12.83	2.42	1210	1197	126.42±123.11	47.24±42.83	0.352	0.686
211	Nonanoic acid	14.25	2.05	1288	1270	100.40±22.30	21.02±9.07	0.005	1.218
						648.65±321.76	68.25±34.63	0.036	

Note: RI[a], retention index calculated from a series of *n*-alkanes (C7-C40) in one-dimensional chromatographic column; RI[b], retention index referred to the literature value; VIP, variable important in projection value in PLS-DA.