

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF053019\
 Data File : FF004655.D
 Signal(s) : FID2B.ch
 Acq On : 30 May 2019 10:40
 Sample : K3054-01MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.313	2.282	2.357	BH	290414	2099080	38.61%	1.270%
2	2.373	2.357	2.394	PH	135	-121	-0.00%	-0.000%
3	2.404	2.394	2.417	PH	-60	-2023	-0.04%	-0.001%
4	2.421	2.417	2.429	PH	-157	-1332	-0.02%	-0.001%
5	2.432	2.429	2.437	PH	-185	-775	-0.01%	-0.000%
6	2.459	2.437	2.468	PH	277	293	0.01%	0.000%
7	2.479	2.468	2.522	PH	2101	24881	0.46%	0.015%
8	2.544	2.522	2.569	HH	3683	33464	0.62%	0.020%
9	2.596	2.569	2.629	HH	1685	24183	0.44%	0.015%
10	2.645	2.629	2.654	HH	430	4284	0.08%	0.003%
11	2.672	2.654	2.699	HH	445	7334	0.13%	0.004%
12	2.705	2.699	2.752	HH	139	-568	-0.01%	-0.000%
13	2.773	2.752	2.789	PH	288	516	0.01%	0.000%
14	2.796	2.789	2.824	PH	-11	-4774	-0.09%	-0.003%
15	2.834	2.824	2.854	PH	-266	-6228	-0.11%	-0.004%
16	2.874	2.854	2.918	PH	123	-10380	-0.19%	-0.006%
17	2.931	2.918	2.938	PH	-513	-6946	-0.13%	-0.004%
18	2.942	2.938	2.951	PH	-588	-4727	-0.09%	-0.003%
19	2.967	2.951	2.997	PH	-391	-14726	-0.27%	-0.009%
20	3.007	2.997	3.025	PH	-295	-8279	-0.15%	-0.005%
21	3.044	3.025	3.076	PH	849	-7934	-0.15%	-0.005%
22	3.090	3.076	3.106	PH	-479	-11222	-0.21%	-0.007%
23	3.124	3.106	3.142	PH	-582	-16410	-0.30%	-0.010%
24	3.147	3.142	3.161	PH	-905	-10580	-0.19%	-0.006%
25	3.164	3.161	3.176	PH	-891	-8765	-0.16%	-0.005%
26	3.188	3.176	3.194	PH	-932	-10720	-0.20%	-0.006%
27	3.199	3.194	3.214	PH	-993	-12671	-0.23%	-0.008%
28	3.228	3.214	3.243	PH	-596	-15219	-0.28%	-0.009%
29	3.256	3.243	3.304	PH	-782	-37816	-0.70%	-0.023%
30	3.314	3.304	3.327	PH	-1012	-15959	-0.29%	-0.010%
31	3.342	3.327	3.383	PH	-535	-34401	-0.63%	-0.021%
32	3.413	3.383	3.427	PH	-999	-31150	-0.57%	-0.019%
33	3.440	3.427	3.456	PH	-899	-18369	-0.34%	-0.011%
34	3.471	3.456	3.504	PH	-863	-31228	-0.57%	-0.019%
35	3.509	3.504	3.524	PH	-1097	-14004	-0.26%	-0.008%
36	3.533	3.524	3.565	PH	-1093	-30572	-0.56%	-0.019%

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37	3.574	3.565	3.602	PH	-1236	-28532	-0.52%	-0.017%
38	3.618	3.602	3.625	PH	-1199	-16485	-0.30%	-0.010%
39	3.637	3.625	3.661	PH	-994	-25693	-0.47%	-0.016%
40	3.669	3.661	3.689	PH	-1248	-21718	-0.40%	-0.013%
41	3.694	3.689	3.697	PH	-1321	-7134	-0.13%	-0.004%
42	3.718	3.697	3.738	PH	-987	-28717	-0.53%	-0.017%
43	3.754	3.738	3.790	PH	-1171	-40202	-0.74%	-0.024%
44	3.794	3.790	3.809	PH	-1296	-15930	-0.29%	-0.010%
45	3.815	3.809	3.824	PH	-1332	-12691	-0.23%	-0.008%
46	3.839	3.824	3.851	PH	-1091	-20713	-0.38%	-0.013%
47	3.858	3.851	3.875	PH	-1325	-20685	-0.38%	-0.013%
48	3.889	3.875	3.908	PH	-1220	-27672	-0.51%	-0.017%
49	3.930	3.908	3.976	PH	-1241	-56708	-1.04%	-0.034%
50	3.997	3.976	4.011	PH	330	-17699	-0.33%	-0.011%
51	4.029	4.011	4.064	PH	540	-25126	-0.46%	-0.015%
52	4.074	4.064	4.089	PH	-1312	-20807	-0.38%	-0.013%
53	4.108	4.089	4.124	PH	-1183	-28177	-0.52%	-0.017%
54	4.128	4.124	4.140	PH	-1487	-14566	-0.27%	-0.009%
55	4.156	4.140	4.167	PH	-521	-15286	-0.28%	-0.009%
56	4.176	4.167	4.203	PH	376	-7136	-0.13%	-0.004%
57	4.211	4.203	4.241	PH	-662	-25317	-0.47%	-0.015%
58	4.254	4.241	4.264	PH	-1308	-18270	-0.34%	-0.011%
59	4.271	4.264	4.305	PH	-1264	-35117	-0.65%	-0.021%
60	4.311	4.305	4.315	PH	-1469	-9815	-0.18%	-0.006%
61	4.331	4.315	4.344	PH	-1219	-23329	-0.43%	-0.014%
62	4.417	4.344	4.443	PH	343761	3012967	55.42%	1.823%
63	4.453	4.443	4.473	PH	-1008	-21080	-0.39%	-0.013%
64	4.486	4.473	4.503	PH	-1279	-25123	-0.46%	-0.015%
65	4.518	4.503	4.537	PH	-1313	-28857	-0.53%	-0.017%
66	4.563	4.537	4.585	PH	-518	-34062	-0.63%	-0.021%
67	4.594	4.585	4.599	PH	-1431	-12954	-0.24%	-0.008%
68	4.628	4.599	4.654	PH	-578	-40577	-0.75%	-0.025%
69	4.674	4.654	4.687	PH	-1428	-30440	-0.56%	-0.018%
70	4.701	4.687	4.739	PH	-1444	-48469	-0.89%	-0.029%
71	4.750	4.739	4.763	PH	-1295	-21008	-0.39%	-0.013%
72	4.770	4.763	4.817	PH	-1427	-51263	-0.94%	-0.031%
73	4.825	4.817	4.851	PH	-1556	-32099	-0.59%	-0.019%
74	4.888	4.851	4.923	PH	-1463	-68725	-1.26%	-0.042%
75	4.950	4.923	4.962	PH	-1564	-39469	-0.73%	-0.024%
76	4.968	4.962	4.975	PH	-1647	-12675	-0.23%	-0.008%
77	4.988	4.975	5.001	PH	-1563	-25397	-0.47%	-0.015%
78	5.022	5.001	5.082	PH	-969	-73813	-1.36%	-0.045%
79	5.084	5.082	5.096	PH	-1651	-13428	-0.25%	-0.008%
80	5.105	5.096	5.122	PH	-1541	-25175	-0.46%	-0.015%
81	5.134	5.122	5.148	PH	-1424	-25179	-0.46%	-0.015%
82	5.161	5.148	5.177	PH	-1357	-27292	-0.50%	-0.017%
83	5.187	5.177	5.202	PH	-1657	-25425	-0.47%	-0.015%
84	5.220	5.202	5.250	PH	-1446	-47495	-0.87%	-0.029%
85	5.272	5.250	5.304	PH	133	-39075	-0.72%	-0.024%
86	5.331	5.304	5.359	PH	-1489	-55172	-1.01%	-0.033%
87	5.373	5.359	5.389	PH	-1564	-31197	-0.57%	-0.019%
88	5.401	5.389	5.436	PH	-1624	-48365	-0.89%	-0.029%
89	5.455	5.436	5.473	PH	411	-19583	-0.36%	-0.012%

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90	5.497	5.473	5.534	PH	-779	-51967	-0.96%	-0.031%
91	5.563	5.534	5.577	PH	-1554	-44361	-0.82%	-0.027%
92	5.581	5.577	5.592	PH	-1650	-16782	-0.31%	-0.010%
93	5.597	5.592	5.606	PH	-1743	-14157	-0.26%	-0.009%
94	5.613	5.606	5.635	PH	-1687	-31367	-0.58%	-0.019%
95	5.646	5.635	5.655	PH	-1640	-20023	-0.37%	-0.012%
96	5.669	5.655	5.700	PH	-1531	-45633	-0.84%	-0.028%
97	5.719	5.700	5.730	PH	-1461	-28384	-0.52%	-0.017%
98	5.750	5.730	5.779	PH	-272	-34843	-0.64%	-0.021%
99	5.795	5.779	5.843	PH	-1252	-61018	-1.12%	-0.037%
100	5.849	5.843	5.863	PH	-1666	-21111	-0.39%	-0.013%
101	5.869	5.863	5.873	PH	-1708	-10473	-0.19%	-0.006%
102	5.878	5.873	5.897	PH	-1636	-25266	-0.46%	-0.015%
103	5.912	5.897	5.920	PH	-1661	-23850	-0.44%	-0.014%
104	5.938	5.920	5.949	PH	-1268	-26918	-0.50%	-0.016%
105	5.958	5.949	5.966	PH	-1573	-15706	-0.29%	-0.010%
106	5.981	5.966	5.990	PH	-407	-13694	-0.25%	-0.008%
107	6.004	5.990	6.028	PH	592	-14877	-0.27%	-0.009%
108	6.036	6.028	6.044	PH	-1671	-17067	-0.31%	-0.010%
109	6.067	6.044	6.085	PH	-1159	-37994	-0.70%	-0.023%
110	6.100	6.085	6.120	PH	-1747	-36819	-0.68%	-0.022%
111	6.139	6.120	6.146	PH	-1728	-28206	-0.52%	-0.017%
112	6.158	6.146	6.212	PH	-1481	-70361	-1.29%	-0.043%
113	6.216	6.212	6.232	PH	-1840	-22558	-0.41%	-0.014%
114	6.248	6.232	6.259	PH	-1775	-29791	-0.55%	-0.018%
115	6.280	6.259	6.324	PH	535	-45892	-0.84%	-0.028%
116	6.327	6.324	6.342	PH	-1748	-20099	-0.37%	-0.012%
117	6.351	6.342	6.365	PH	-1793	-24699	-0.45%	-0.015%
118	6.389	6.365	6.409	PH	-1370	-44193	-0.81%	-0.027%
119	6.438	6.409	6.503	PH	327901	3109442	57.20%	1.882%
120	6.509	6.503	6.527	PH	-1764	-27270	-0.50%	-0.017%
121	6.530	6.527	6.542	PH	-1825	-16854	-0.31%	-0.010%
122	6.558	6.542	6.572	PH	-1594	-31658	-0.58%	-0.019%
123	6.588	6.572	6.612	PH	-1749	-44627	-0.82%	-0.027%
124	6.636	6.612	6.670	PH	-1789	-68073	-1.25%	-0.041%
125	6.683	6.670	6.701	PH	-1833	-34964	-0.64%	-0.021%
126	6.712	6.701	6.724	PH	-1813	-26497	-0.49%	-0.016%
127	6.727	6.724	6.734	PH	-1900	-11301	-0.21%	-0.007%
128	6.762	6.734	6.786	PH	-1684	-58130	-1.07%	-0.035%
129	6.805	6.786	6.825	PH	-1181	-37437	-0.69%	-0.023%
130	6.829	6.825	6.844	PH	-1908	-22760	-0.42%	-0.014%
131	6.847	6.844	6.851	PH	-1949	-8551	-0.16%	-0.005%
132	6.891	6.851	6.923	PH	5	-55975	-1.03%	-0.034%
133	6.964	6.923	6.987	PH	-1306	-56208	-1.03%	-0.034%
134	7.018	6.987	7.023	PH	-1069	-26324	-0.48%	-0.016%
135	7.026	7.023	7.045	PH	-1059	-16563	-0.30%	-0.010%
136	7.060	7.045	7.074	PH	-407	-17723	-0.33%	-0.011%
137	7.086	7.074	7.123	PH	-813	-44579	-0.82%	-0.027%
138	7.136	7.123	7.177	PH	-1239	-54818	-1.01%	-0.033%
139	7.196	7.177	7.215	PH	-1257	-38201	-0.70%	-0.023%
140	7.230	7.215	7.248	PH	-1504	-34898	-0.64%	-0.021%
141	7.256	7.248	7.274	PH	-1885	-29423	-0.54%	-0.018%

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142	7.277	7.274	7.284	PH	-1906	-11563	-0.21%	-0.007%
143	7.287	7.284	7.298	PH	-1886	-15510	-0.29%	-0.009%
144	7.315	7.298	7.330	PH	-1779	-36987	-0.68%	-0.022%
145	7.362	7.330	7.426	PH	25468	208299	3.83%	0.126%
146	7.443	7.426	7.456	PH	-1384	-27927	-0.51%	-0.017%
147	7.473	7.456	7.504	PH	-1253	-45122	-0.83%	-0.027%
148	7.521	7.504	7.557	PH	-1756	-59630	-1.10%	-0.036%
149	7.574	7.557	7.603	PH	-1800	-51867	-0.95%	-0.031%
150	7.609	7.603	7.614	PH	-1936	-12790	-0.24%	-0.008%
151	7.617	7.614	7.629	PH	-1930	-17811	-0.33%	-0.011%
152	7.646	7.629	7.669	PH	-738	-34192	-0.63%	-0.021%
153	7.674	7.669	7.683	PH	-1825	-15535	-0.29%	-0.009%
154	7.696	7.683	7.714	PH	-1757	-34740	-0.64%	-0.021%
155	7.758	7.714	7.771	PH	-799	-53342	-0.98%	-0.032%
156	7.779	7.771	7.793	PH	-1195	-17135	-0.32%	-0.010%
157	7.813	7.793	7.876	PH	-542	-77006	-1.42%	-0.047%
158	7.939	7.876	7.959	PH	-1172	-77166	-1.42%	-0.047%
159	7.978	7.959	7.995	PH	-1180	-28124	-0.52%	-0.017%
160	8.003	7.995	8.023	PH	-1401	-26158	-0.48%	-0.016%
161	8.057	8.023	8.086	PH	-851	-54488	-1.00%	-0.033%
162	8.124	8.086	8.143	PH	-978	-50824	-0.93%	-0.031%
163	8.157	8.143	8.168	PH	-1403	-23257	-0.43%	-0.014%
164	8.233	8.168	8.267	PH	308371	3153408	58.01%	1.908%
165	8.289	8.267	8.319	PH	32266	271547	4.99%	0.164%
166	8.341	8.319	8.386	PH	13545	89731	1.65%	0.054%
167	8.394	8.386	8.444	PH	-1495	-59129	-1.09%	-0.036%
168	8.462	8.444	8.494	PH	-1625	-52652	-0.97%	-0.032%
169	8.512	8.494	8.551	PH	-1125	-54817	-1.01%	-0.033%
170	8.590	8.551	8.614	PH	-1392	-61690	-1.13%	-0.037%
171	8.637	8.614	8.656	PH	-678	-33279	-0.61%	-0.020%
172	8.700	8.656	8.739	PH	-125	-63240	-1.16%	-0.038%
173	8.761	8.739	8.789	PH	-1543	-49699	-0.91%	-0.030%
174	8.793	8.789	8.801	PH	-1693	-12676	-0.23%	-0.008%
175	8.828	8.801	8.851	PH	-1150	-43765	-0.81%	-0.026%
176	8.854	8.851	8.866	PH	-1475	-13984	-0.26%	-0.008%
177	8.876	8.866	8.897	PH	-1432	-29131	-0.54%	-0.018%
178	8.903	8.897	8.930	PH	-1514	-31918	-0.59%	-0.019%
179	8.954	8.930	8.995	PH	-848	-50895	-0.94%	-0.031%
180	9.001	8.995	9.021	PH	-1572	-26727	-0.49%	-0.016%
181	9.051	9.021	9.075	PH	-260	-37366	-0.69%	-0.023%
182	9.101	9.075	9.122	PH	-1137	-39434	-0.73%	-0.024%
183	9.141	9.122	9.168	PH	-568	-35531	-0.65%	-0.022%
184	9.192	9.168	9.217	PH	-1282	-47388	-0.87%	-0.029%
185	9.232	9.217	9.249	PH	-951	-26351	-0.48%	-0.016%
186	9.284	9.249	9.324	PH	1353	-39738	-0.73%	-0.024%
187	9.340	9.324	9.352	PH	-1498	-27225	-0.50%	-0.016%
188	9.373	9.352	9.405	PH	3156	4454	0.08%	0.003%
189	9.434	9.405	9.454	PH	3014	5666	0.10%	0.003%
190	9.465	9.454	9.482	PH	-558	-17656	-0.32%	-0.011%
191	9.502	9.482	9.529	PH	-1320	-41377	-0.76%	-0.025%
192	9.562	9.529	9.583	PH	698	-18635	-0.34%	-0.011%
193	9.600	9.583	9.635	PH	-1138	-42099	-0.77%	-0.025%
194	9.679	9.635	9.715	PH	-85	-53102	-0.98%	-0.032%

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195	9.737	9.715	9.748	PH	-1211	-27499	-0.51%	-0.017%
196	9.768	9.748	9.794	PH	-767	-33084	-0.61%	-0.020%
197	9.835	9.794	9.889	PH	291395	3141501	57.79%	1.901%
198	9.926	9.889	9.929	PH	-1243	-33221	-0.61%	-0.020%
199	9.935	9.929	9.950	PH	-1184	-17020	-0.31%	-0.010%
200	9.979	9.950	10.027	PH	-1212	-64484	-1.19%	-0.039%
201	10.044	10.027	10.058	PH	-1234	-25253	-0.46%	-0.015%
202	10.062	10.058	10.067	PH	-1505	-8869	-0.16%	-0.005%
203	10.081	10.067	10.098	PH	-1299	-26352	-0.48%	-0.016%
204	10.123	10.098	10.151	PH	-1104	-41700	-0.77%	-0.025%
205	10.177	10.151	10.196	PH	-696	-28650	-0.53%	-0.017%
206	10.224	10.196	10.246	PH	-909	-33069	-0.61%	-0.020%
207	10.273	10.246	10.290	PH	-25	-15010	-0.28%	-0.009%
208	10.307	10.290	10.327	PH	-507	-16017	-0.29%	-0.010%
209	10.343	10.327	10.379	PH	-451	-26968	-0.50%	-0.016%
210	10.396	10.379	10.404	PH	-753	-13455	-0.25%	-0.008%
211	10.431	10.404	10.446	PH	-218	-14287	-0.26%	-0.009%
212	10.470	10.446	10.484	PH	2811	23367	0.43%	0.014%
213	10.499	10.484	10.519	HH	4492	42553	0.78%	0.026%
214	10.529	10.519	10.552	PH	-179	-5773	-0.11%	-0.003%
215	10.574	10.552	10.607	PH	1176	9302	0.17%	0.006%
216	10.623	10.607	10.639	PH	140	-4221	-0.08%	-0.003%
217	10.648	10.639	10.666	PH	-234	-6398	-0.12%	-0.004%
218	10.700	10.666	10.727	PH	-152	-15746	-0.29%	-0.010%
219	10.742	10.727	10.756	PH	-615	-12164	-0.22%	-0.007%
220	10.765	10.756	10.780	PH	-617	-10864	-0.20%	-0.007%
221	10.822	10.780	10.831	PH	1623	10877	0.20%	0.007%
222	10.844	10.831	10.866	HH	3119	29473	0.54%	0.018%
223	10.898	10.866	10.924	PH	4602	41767	0.77%	0.025%
224	10.946	10.924	10.977	PH	-15	-9881	-0.18%	-0.006%
225	10.993	10.977	11.018	PH	-239	-9599	-0.18%	-0.006%
226	11.030	11.018	11.038	PH	-310	-4576	-0.08%	-0.003%
227	11.045	11.038	11.047	PH	-336	-1972	-0.04%	-0.001%
228	11.053	11.047	11.066	PH	-253	-4114	-0.08%	-0.002%
229	11.081	11.066	11.097	PH	-218	-6502	-0.12%	-0.004%
230	11.109	11.097	11.123	PH	-170	-3980	-0.07%	-0.002%
231	11.134	11.123	11.160	PH	-105	-6435	-0.12%	-0.004%
232	11.206	11.160	11.213	PH	-88	-9936	-0.18%	-0.006%
233	11.279	11.213	11.307	PH	280811	3203704	58.93%	1.939%
234	11.319	11.307	11.337	HH	2244	30546	0.56%	0.018%
235	11.342	11.337	11.396	HH	1107	21390	0.39%	0.013%
236	11.433	11.396	11.445	PH	569	5381	0.10%	0.003%
237	11.464	11.445	11.485	HH	1444	18251	0.34%	0.011%
238	11.501	11.485	11.516	HH	809	11587	0.21%	0.007%
239	11.531	11.516	11.559	HH	1744	24114	0.44%	0.015%
240	11.579	11.559	11.587	HH	649	8332	0.15%	0.005%
241	11.591	11.587	11.605	HH	648	5752	0.11%	0.003%
242	11.626	11.605	11.644	HH	849	14825	0.27%	0.009%
243	11.659	11.644	11.676	HH	1101	13995	0.26%	0.008%
244	11.691	11.676	11.706	HH	1065	14066	0.26%	0.009%
245	11.725	11.706	11.759	HH	2464	46760	0.86%	0.028%
246	11.774	11.759	11.789	HH	1327	20507	0.38%	0.012%

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247	11.803	11.789	11.851	HH	2011	43423	0.80%	0.026%
248	11.872	11.851	11.909	HH	1470	30798	0.57%	0.019%
249	11.949	11.909	11.967	HH	1660	39242	0.72%	0.024%
250	11.981	11.967	12.000	HH	1586	26628	0.49%	0.016%
251	12.042	12.000	12.084	HH	9627	204376	3.76%	0.124%
252	12.102	12.084	12.149	HH	3610	74798	1.38%	0.045%
253	12.200	12.149	12.236	HH	69402	838184	15.42%	0.507%
254	12.251	12.236	12.309	HH	2272	79844	1.47%	0.048%
255	12.329	12.309	12.344	HH	1855	34912	0.64%	0.021%
256	12.354	12.344	12.389	HH	1884	45753	0.84%	0.028%
257	12.417	12.389	12.432	HH	2465	49636	0.91%	0.030%
258	12.437	12.432	12.462	HH	1882	29419	0.54%	0.018%
259	12.480	12.462	12.505	HH	2814	54593	1.00%	0.033%
260	12.530	12.505	12.539	HH	2770	47689	0.88%	0.029%
261	12.592	12.539	12.624	HH	260652	3213933	59.12%	1.945%
262	12.644	12.624	12.698	HH	5980	129630	2.38%	0.078%
263	12.704	12.698	12.729	HH	1870	34362	0.63%	0.021%
264	12.746	12.729	12.762	HH	2426	42028	0.77%	0.025%
265	12.782	12.762	12.812	HH	5104	95376	1.75%	0.058%
266	12.886	12.812	12.924	HH	8032	217320	4.00%	0.132%
267	12.943	12.924	12.965	HH	5787	93302	1.72%	0.056%
268	12.987	12.965	13.022	HH	4232	107882	1.98%	0.065%
269	13.034	13.022	13.057	HH	2608	51282	0.94%	0.031%
270	13.079	13.057	13.095	HH	2518	54280	1.00%	0.033%
271	13.114	13.095	13.129	HH	2762	52535	0.97%	0.032%
272	13.148	13.129	13.166	HH	2638	53851	0.99%	0.033%
273	13.208	13.166	13.229	HH	4324	115581	2.13%	0.070%
274	13.248	13.229	13.256	HH	2860	43428	0.80%	0.026%
275	13.276	13.256	13.287	HH	3435	60017	1.10%	0.036%
276	13.293	13.287	13.314	HH	3127	47275	0.87%	0.029%
277	13.319	13.314	13.329	HH	2895	24572	0.45%	0.015%
278	13.335	13.329	13.357	HH	2931	47822	0.88%	0.029%
279	13.394	13.357	13.409	HH	4483	111169	2.04%	0.067%
280	13.429	13.409	13.469	HH	8453	166681	3.07%	0.101%
281	13.472	13.469	13.490	HH	3004	35595	0.65%	0.022%
282	13.535	13.490	13.556	HH	4611	145239	2.67%	0.088%
283	13.564	13.556	13.569	HH	3402	24575	0.45%	0.015%
284	13.580	13.569	13.583	HH	3581	30552	0.56%	0.018%
285	13.594	13.583	13.620	HH	3946	77913	1.43%	0.047%
286	13.646	13.620	13.664	HH	4464	102864	1.89%	0.062%
287	13.680	13.664	13.699	HH	4319	80480	1.48%	0.049%
288	13.707	13.699	13.722	HH	3459	46665	0.86%	0.028%
289	13.792	13.722	13.835	HH	246556	3330427	61.26%	2.016%
290	13.852	13.835	13.873	HH	4588	93205	1.71%	0.056%
291	13.886	13.873	13.898	HH	3537	51626	0.95%	0.031%
292	13.921	13.898	13.972	HH	4169	162518	2.99%	0.098%
293	13.999	13.972	14.038	HH	4175	150536	2.77%	0.091%
294	14.043	14.038	14.056	HH	3659	38715	0.71%	0.023%
295	14.066	14.056	14.081	HH	3753	54839	1.01%	0.033%
296	14.086	14.081	14.094	HH	3713	29081	0.53%	0.018%
297	14.099	14.094	14.104	HH	3698	22274	0.41%	0.013%
298	14.181	14.104	14.220	HH	7051	317608	5.84%	0.192%
299	14.242	14.220	14.257	HH	4718	101457	1.87%	0.061%

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300	14.268	14.257	14.289	HH	4860	85256	1.57%	0.052%
301	14.303	14.289	14.325	HH	4734	94892	1.75%	0.057%
302	14.356	14.325	14.386	HH	8442	219108	4.03%	0.133%
303	14.407	14.386	14.428	HH	9900	191852	3.53%	0.116%
304	14.455	14.428	14.459	HH	7458	126579	2.33%	0.077%
305	14.468	14.459	14.497	HH	7580	159012	2.92%	0.096%
306	14.517	14.497	14.537	HH	7130	144971	2.67%	0.088%
307	14.570	14.537	14.597	HH	8323	223198	4.11%	0.135%
308	14.635	14.597	14.656	HH	5740	185282	3.41%	0.112%
309	14.695	14.656	14.728	HH	187764	2662917	48.98%	1.612%
310	14.737	14.728	14.759	HH	7164	119881	2.21%	0.073%
311	14.780	14.759	14.805	HH	9908	205634	3.78%	0.124%
312	14.824	14.805	14.846	HH	8232	166633	3.07%	0.101%
313	14.899	14.846	14.962	HH	236087	3440748	63.29%	2.082%
314	15.001	14.962	15.049	HH	8927	369819	6.80%	0.224%
315	15.063	15.049	15.074	HH	6287	93683	1.72%	0.057%
316	15.086	15.074	15.101	HH	6387	102393	1.88%	0.062%
317	15.136	15.101	15.146	HH	6805	173373	3.19%	0.105%
318	15.156	15.146	15.171	HH	6818	100821	1.85%	0.061%
319	15.200	15.171	15.204	HH	6716	132123	2.43%	0.080%
320	15.212	15.204	15.226	HH	6958	90186	1.66%	0.055%
321	15.236	15.226	15.241	HH	7040	61277	1.13%	0.037%
322	15.276	15.241	15.326	HH	67459	1205046	22.17%	0.729%
323	15.330	15.326	15.336	HH	7601	42435	0.78%	0.026%
324	15.343	15.336	15.362	HH	7520	116663	2.15%	0.071%
325	15.372	15.362	15.382	HH	7328	85046	1.56%	0.051%
326	15.420	15.382	15.454	HH	16447	435570	8.01%	0.264%
327	15.502	15.454	15.524	HH	12128	393016	7.23%	0.238%
328	15.546	15.524	15.579	HH	9011	271161	4.99%	0.164%
329	15.598	15.579	15.606	HH	8008	126895	2.33%	0.077%
330	15.659	15.606	15.697	HH	10245	490376	9.02%	0.297%
331	15.723	15.697	15.729	HH	9007	161723	2.97%	0.098%
332	15.743	15.729	15.772	HH	9152	226097	4.16%	0.137%
333	15.795	15.772	15.819	HH	10621	259939	4.78%	0.157%
334	15.844	15.819	15.861	HH	9904	230246	4.24%	0.139%
335	15.865	15.861	15.875	HH	9092	77243	1.42%	0.047%
336	15.924	15.875	15.967	HH	238543	3591962	66.07%	2.174%
337	15.984	15.967	15.996	HH	9452	162338	2.99%	0.098%
338	16.033	15.996	16.051	HH	10253	313532	5.77%	0.190%
339	16.055	16.051	16.069	HH	9200	95403	1.75%	0.058%
340	16.114	16.069	16.132	HH	10973	381891	7.02%	0.231%
341	16.142	16.132	16.155	HH	10398	135730	2.50%	0.082%
342	16.175	16.155	16.191	HH	10461	217323	4.00%	0.132%
343	16.224	16.191	16.259	HH	12125	464010	8.54%	0.281%
344	16.295	16.259	16.346	HH	18288	691383	12.72%	0.418%
345	16.407	16.346	16.454	HH	39115	1172691	21.57%	0.710%
346	16.490	16.454	16.499	HH	12655	323245	5.95%	0.196%
347	16.519	16.499	16.554	HH	16921	477033	8.77%	0.289%
348	16.564	16.554	16.587	HH	13958	269291	4.95%	0.163%
349	16.593	16.587	16.601	HH	12358	98121	1.80%	0.059%
350	16.627	16.601	16.633	HH	13220	244544	4.50%	0.148%
351	16.657	16.633	16.679	HH	16934	414237	7.62%	0.251%

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352	16.704	16.679	16.738	HH	22770	642017	11.81%	0.389%
353	16.766	16.738	16.809	HH	18876	640409	11.78%	0.388%
354	16.877	16.809	16.911	HH	268744	4289355	78.90%	2.596%
355	16.927	16.911	16.964	HH	17009	510082	9.38%	0.309%
356	16.973	16.964	16.977	HH	15251	114894	2.11%	0.070%
357	16.982	16.977	16.989	HH	15300	107115	1.97%	0.065%
358	17.013	16.989	17.041	HH	16320	495142	9.11%	0.300%
359	17.054	17.041	17.059	HH	15680	166447	3.06%	0.101%
360	17.076	17.059	17.096	HH	16327	356300	6.55%	0.216%
361	17.136	17.096	17.159	HH	18693	656722	12.08%	0.397%
362	17.170	17.159	17.211	HH	17469	525760	9.67%	0.318%
363	17.264	17.211	17.282	HH	20189	788574	14.51%	0.477%
364	17.328	17.282	17.374	HH	58979	1570156	28.88%	0.950%
365	17.378	17.374	17.396	HH	17537	224699	4.13%	0.136%
366	17.432	17.396	17.463	HH	20960	777247	14.30%	0.470%
367	17.474	17.463	17.517	HH	18989	589953	10.85%	0.357%
368	17.525	17.517	17.542	HH	17672	263027	4.84%	0.159%
369	17.556	17.542	17.577	HH	17883	363315	6.68%	0.220%
370	17.612	17.577	17.635	HH	20420	667319	12.27%	0.404%
371	17.653	17.635	17.663	HH	19430	312689	5.75%	0.189%
372	17.666	17.663	17.677	HH	19171	158264	2.91%	0.096%
373	17.696	17.677	17.701	HH	20166	282497	5.20%	0.171%
374	17.718	17.701	17.729	HH	20483	343023	6.31%	0.208%
375	17.769	17.729	17.806	HH	267509	4419033	81.29%	2.674%
376	17.819	17.806	17.837	HH	20962	375719	6.91%	0.227%
377	17.871	17.837	17.883	HH	21369	569931	10.48%	0.345%
378	17.918	17.883	17.952	HH	23494	903118	16.61%	0.547%
379	17.957	17.952	17.964	HH	21396	150089	2.76%	0.091%
380	17.990	17.964	18.020	HH	25713	776367	14.28%	0.470%
381	18.048	18.020	18.068	HH	25327	657730	12.10%	0.398%
382	18.087	18.068	18.098	HH	23515	413303	7.60%	0.250%
383	18.127	18.098	18.164	HH	50429	1423322	26.18%	0.861%
384	18.192	18.164	18.220	HH	57304	1228685	22.60%	0.744%
385	18.236	18.220	18.245	HH	22232	323237	5.95%	0.196%
386	18.286	18.245	18.353	HH	27663	1588121	29.21%	0.961%
387	18.361	18.353	18.372	HH	22580	255675	4.70%	0.155%
388	18.398	18.372	18.434	HH	38824	1038498	19.10%	0.629%
389	18.449	18.434	18.454	HH	24056	285249	5.25%	0.173%
390	18.459	18.454	18.464	HH	23960	143196	2.63%	0.087%
391	18.483	18.464	18.501	HH	24420	535891	9.86%	0.324%
392	18.506	18.501	18.517	HH	24240	227051	4.18%	0.137%
393	18.528	18.517	18.544	HH	25040	404947	7.45%	0.245%
394	18.554	18.544	18.565	HH	24939	308679	5.68%	0.187%
395	18.606	18.565	18.645	HH	250337	4414784	81.21%	2.672%
396	18.653	18.645	18.667	HH	24946	324993	5.98%	0.197%
397	18.710	18.667	18.741	HH	30061	1187536	21.84%	0.719%
398	18.760	18.741	18.784	HH	27955	675598	12.43%	0.409%
399	18.807	18.784	18.817	HH	25868	500000	9.20%	0.303%
400	18.837	18.817	18.846	HH	26811	463193	8.52%	0.280%
401	18.862	18.846	18.893	HH	27563	749964	13.80%	0.454%
402	18.923	18.893	18.935	HH	34315	772880	14.22%	0.468%
403	18.958	18.935	18.985	HH	48143	1159085	21.32%	0.701%
404	19.006	18.985	19.036	HH	39630	1002721	18.44%	0.607%

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405	19.044	19.036	19.059	HH	28157	388102	7.14%	0.235%
406	19.088	19.059	19.097	HH	29914	650857	11.97%	0.394%
407	19.107	19.097	19.138	HH	29738	699164	12.86%	0.423%
408	19.173	19.138	19.219	HH	28609	1335281	24.56%	0.808%
409	19.224	19.219	19.229	HH	26958	163464	3.01%	0.099%
410	19.238	19.229	19.242	HH	27414	211203	3.88%	0.128%
411	19.250	19.242	19.274	HH	27631	523035	9.62%	0.317%
412	19.297	19.274	19.326	HH	28184	856568	15.76%	0.518%
413	19.342	19.326	19.350	HH	28143	416332	7.66%	0.252%
414	19.394	19.350	19.434	HH	217093	4176984	76.83%	2.528%
415	19.464	19.434	19.479	HH	34169	887848	16.33%	0.537%
416	19.494	19.479	19.527	HH	35166	947888	17.44%	0.574%
417	19.562	19.527	19.584	HH	37838	1168701	21.50%	0.707%
418	19.589	19.584	19.596	HH	32307	225349	4.15%	0.136%
419	19.661	19.596	19.713	HH	40787	2576659	47.40%	1.559%
420	19.764	19.713	19.790	HH	40261	1733563	31.89%	1.049%
421	19.804	19.790	19.813	HH	35036	475132	8.74%	0.288%
422	19.823	19.813	19.832	HH	35438	407549	7.50%	0.247%
423	19.853	19.832	19.884	HH	36173	1108865	20.40%	0.671%
424	19.940	19.884	19.967	HH	42488	1935588	35.60%	1.171%
425	19.985	19.967	19.991	HH	38056	535866	9.86%	0.324%
426	20.013	19.991	20.034	HH	38845	991446	18.24%	0.600%
427	20.039	20.034	20.071	HH	37508	801517	14.74%	0.485%
428	20.084	20.071	20.091	HH	36201	448239	8.25%	0.271%
429	20.095	20.091	20.102	HH	35765	221826	4.08%	0.134%
430	20.138	20.102	20.239	HH	196227	5436420	100.00%	3.290%
431	20.244	20.239	20.250	HH	35242	236885	4.36%	0.143%
432	20.303	20.250	20.337	HH	41070	1924587	35.40%	1.165%
433	20.367	20.337	20.390	HH	37561	1154664	21.24%	0.699%
434	20.412	20.390	20.418	HH	37580	635432	11.69%	0.385%
435	20.442	20.418	20.457	HH	38268	878357	16.16%	0.532%
436	20.483	20.457	20.538	HH	39697	1855689	34.13%	1.123%
437	20.548	20.538	20.569	HH	36240	665772	12.25%	0.403%
438	20.585	20.569	20.635	HH	36156	1386708	25.51%	0.839%
439	20.668	20.635	20.703	HH	36221	1416726	26.06%	0.857%
440	20.707	20.703	20.714	HH	32530	209653	3.86%	0.127%
441	20.722	20.714	20.751	HH	32762	724363	13.32%	0.438%
442	20.773	20.751	20.777	HH	33217	520121	9.57%	0.315%
443	20.791	20.777	20.827	HH	34446	1000116	18.40%	0.605%
444	20.840	20.827	20.845	HH	32762	349913	6.44%	0.212%
445	20.892	20.845	20.941	HH	155844	4094232	75.31%	2.478%
446	20.953	20.941	20.984	HH	32403	833961	15.34%	0.505%
447	20.989	20.984	21.002	HH	31541	336077	6.18%	0.203%
448	21.006	21.002	21.015	HH	31591	238800	4.39%	0.145%
449	21.025	21.015	21.051	HH	31357	663096	12.20%	0.401%
450	21.058	21.051	21.067	HH	31843	311255	5.73%	0.188%
451	21.076	21.067	21.088	HH	32125	400373	7.36%	0.242%
452	21.092	21.088	21.116	HH	31698	521725	9.60%	0.316%
453	21.128	21.116	21.137	HH	31605	390032	7.17%	0.236%
454	21.142	21.137	21.149	HH	31692	239298	4.40%	0.145%
455	21.212	21.149	21.273	HH	35380	2463935	45.32%	1.491%
456	21.279	21.273	21.290	HH	31731	319596	5.88%	0.193%

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457	21.331	21.290	21.366	HH	33525	1478123	27.19%	0.895%
458	21.380	21.366	21.384	HH	32124	341262	6.28%	0.207%
459	21.389	21.384	21.428	HH	32050	824496	15.17%	0.499%
460	21.433	21.428	21.444	HH	30797	288555	5.31%	0.175%
461	21.449	21.444	21.464	HH	30847	372010	6.84%	0.225%
462	21.473	21.464	21.483	HH	30558	339157	6.24%	0.205%
463	21.510	21.483	21.516	HH	30539	607212	11.17%	0.367%
464	21.519	21.516	21.534	HH	30531	324189	5.96%	0.196%
465	21.541	21.534	21.556	HH	30277	396168	7.29%	0.240%
466	21.562	21.556	21.574	HH	30322	333422	6.13%	0.202%
467	21.579	21.574	21.599	HH	29777	438925	8.07%	0.266%
468	21.621	21.599	21.634	HH	29921	610838	11.24%	0.370%
469	21.641	21.634	21.671	HH	30138	657816	12.10%	0.398%
470	21.675	21.671	21.689	HH	29653	317796	5.85%	0.192%
471	21.698	21.689	21.702	HH	29222	236592	4.35%	0.143%
472	21.726	21.702	21.735	HH	30268	582515	10.72%	0.353%
473	21.741	21.735	21.754	HH	29822	330890	6.09%	0.200%
474	21.819	21.754	21.913	HH	118403	5205096	95.74%	3.150%
475	21.919	21.913	21.944	HH	30980	571551	10.51%	0.346%
476	21.954	21.944	22.011	HH	30897	1197050	22.02%	0.724%
477	22.015	22.011	22.019	HH	28970	141999	2.61%	0.086%
478	22.024	22.019	22.057	HH	28986	659807	12.14%	0.399%
479	22.060	22.057	22.067	HH	28293	154776	2.85%	0.094%
480	22.077	22.067	22.091	HH	28219	405257	7.45%	0.245%
481	22.094	22.091	22.126	HH	27987	585530	10.77%	0.354%
482	22.130	22.126	22.141	HH	27310	238119	4.38%	0.144%
483	22.145	22.141	22.157	HH	27339	258440	4.75%	0.156%
484	22.169	22.157	22.184	HH	27594	450891	8.29%	0.273%
485	22.205	22.184	22.214	HH	27324	487594	8.97%	0.295%
486	22.224	22.214	22.266	HH	27120	843104	15.51%	0.510%
487	22.273	22.266	22.283	HH	26964	267389	4.92%	0.162%
488	22.290	22.283	22.306	HH	26904	365450	6.72%	0.221%
489	22.315	22.306	22.326	HH	27187	320933	5.90%	0.194%
490	22.331	22.326	22.334	HH	27362	142882	2.63%	0.086%
491	22.340	22.334	22.347	HH	27337	210922	3.88%	0.128%
492	22.364	22.347	22.371	HH	27494	385495	7.09%	0.233%
493	22.375	22.371	22.391	HH	27556	327863	6.03%	0.198%
494	22.396	22.391	22.411	HH	27400	337121	6.20%	0.204%
495	22.421	22.411	22.426	HH	26661	234597	4.32%	0.142%
496	22.431	22.426	22.435	HH	26563	138590	2.55%	0.084%
497	22.440	22.435	22.446	HH	26569	173691	3.19%	0.105%
498	22.452	22.446	22.479	HH	26523	530577	9.76%	0.321%
499	22.489	22.479	22.501	HHA	25983	341869	6.29%	0.207%
					Sum of corrected areas:		165230664	

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