

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052419\
 Data File : FF004626.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2019 18:05
 Sample : K3008-05 20X
 Misc :
 ALS Vial : 64 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	2.314	2.292	2.342	BH	708	2742	0.06%	0.002%
2	2.346	2.342	2.350	PH	-131	-609	-0.01%	-0.000%
3	2.361	2.350	2.366	PH	-101	-1394	-0.03%	-0.001%
4	2.371	2.366	2.437	PH	-69	-8809	-0.18%	-0.006%
5	2.449	2.437	2.476	PH	-169	-5637	-0.11%	-0.004%
6	2.504	2.476	2.511	PH	-130	-4385	-0.09%	-0.003%
7	2.513	2.511	2.522	PH	-150	-1506	-0.03%	-0.001%
8	2.549	2.522	2.572	PH	133	-4896	-0.10%	-0.003%
9	2.585	2.572	2.632	PH	-19	-10525	-0.21%	-0.007%
10	2.645	2.632	2.664	PH	-320	-7890	-0.16%	-0.005%
11	2.674	2.664	2.719	PH	-355	-14986	-0.30%	-0.010%
12	2.724	2.719	2.736	PH	-428	-4849	-0.10%	-0.003%
13	2.739	2.736	2.758	PH	-493	-6725	-0.14%	-0.004%
14	2.774	2.758	2.841	PH	1396	-10579	-0.21%	-0.007%
15	2.864	2.841	2.907	PH	1050	-4440	-0.09%	-0.003%
16	2.914	2.907	2.920	PH	-531	-4302	-0.09%	-0.003%
17	2.933	2.920	2.939	PH	-502	-6360	-0.13%	-0.004%
18	2.944	2.939	2.949	PH	-482	-3047	-0.06%	-0.002%
19	2.966	2.949	3.002	PH	-423	-16216	-0.33%	-0.010%
20	3.043	3.002	3.079	PH	7326	36422	0.74%	0.023%
21	3.092	3.079	3.114	PH	211	-5997	-0.12%	-0.004%
22	3.124	3.114	3.153	PH	-440	-13691	-0.28%	-0.009%
23	3.158	3.153	3.181	PH	-532	-10229	-0.21%	-0.007%
24	3.189	3.181	3.201	PH	-591	-7753	-0.16%	-0.005%
25	3.205	3.201	3.214	PH	-629	-5333	-0.11%	-0.003%
26	3.233	3.214	3.249	PH	-509	-12759	-0.26%	-0.008%
27	3.259	3.249	3.279	PH	-520	-11566	-0.23%	-0.007%
28	3.284	3.279	3.289	PH	-625	-3574	-0.07%	-0.002%
29	3.295	3.289	3.304	PH	-524	-5689	-0.12%	-0.004%
30	3.307	3.304	3.321	PH	-567	-6409	-0.13%	-0.004%
31	3.343	3.321	3.380	PH	363	-14455	-0.29%	-0.009%
32	3.389	3.380	3.416	PH	-542	-13162	-0.27%	-0.008%
33	3.419	3.416	3.427	PH	-583	-4264	-0.09%	-0.003%
34	3.443	3.427	3.462	PH	633	-3531	-0.07%	-0.002%
35	3.470	3.462	3.484	PH	-519	-8111	-0.16%	-0.005%
36	3.486	3.484	3.489	PH	-601	-2082	-0.04%	-0.001%

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37	3.495	3.489	3.523	PH	-622	-13306	-0.27%	-0.008%
38	3.534	3.523	3.564	PH	-563	-15980	-0.32%	-0.010%
39	3.567	3.564	3.573	PH	-611	-3372	-0.07%	-0.002%
40	3.597	3.573	3.602	PH	-590	-11585	-0.23%	-0.007%
41	3.616	3.602	3.620	PH	-524	-6330	-0.13%	-0.004%
42	3.636	3.620	3.660	PH	697	-3447	-0.07%	-0.002%
43	3.664	3.660	3.698	PH	-555	-14337	-0.29%	-0.009%
44	3.718	3.698	3.739	PH	-267	-11411	-0.23%	-0.007%
45	3.756	3.739	3.789	PH	-86	-13951	-0.28%	-0.009%
46	3.796	3.789	3.802	PH	-552	-4619	-0.09%	-0.003%
47	3.819	3.802	3.824	PH	-522	-7767	-0.16%	-0.005%
48	3.839	3.824	3.851	PH	167	-3818	-0.08%	-0.002%
49	3.860	3.851	3.879	PH	-234	-7486	-0.15%	-0.005%
50	3.889	3.879	3.908	PH	-574	-11519	-0.23%	-0.007%
51	3.925	3.908	3.959	PH	-184	-15038	-0.30%	-0.010%
52	3.963	3.959	3.978	PH	-568	-7164	-0.15%	-0.005%
53	4.001	3.978	4.014	PH	2783	13375	0.27%	0.009%
54	4.022	4.014	4.069	HH	297	-9614	-0.19%	-0.006%
55	4.094	4.069	4.105	PH	-458	-11638	-0.24%	-0.007%
56	4.115	4.105	4.121	PH	-482	-5174	-0.10%	-0.003%
57	4.124	4.121	4.132	PH	-579	-3801	-0.08%	-0.002%
58	4.144	4.132	4.159	PH	-475	-8904	-0.18%	-0.006%
59	4.180	4.159	4.199	PH	522	-5088	-0.10%	-0.003%
60	4.220	4.199	4.245	PH	-224	-11426	-0.23%	-0.007%
61	4.270	4.245	4.309	PH	-478	-21827	-0.44%	-0.014%
62	4.315	4.309	4.321	PH	-521	-4408	-0.09%	-0.003%
63	4.325	4.321	4.347	PH	-495	-8660	-0.18%	-0.006%
64	4.352	4.347	4.357	PH	-474	-3380	-0.07%	-0.002%
65	4.372	4.357	4.401	PH	-438	-15016	-0.30%	-0.010%
66	4.418	4.401	4.439	PH	384	-5342	-0.11%	-0.003%
67	4.461	4.439	4.481	PH	-266	-12339	-0.25%	-0.008%
68	4.493	4.481	4.499	PH	-476	-5924	-0.12%	-0.004%
69	4.521	4.499	4.546	PH	-185	-14220	-0.29%	-0.009%
70	4.566	4.546	4.580	PH	-189	-9660	-0.20%	-0.006%
71	4.587	4.580	4.616	PH	-500	-13032	-0.26%	-0.008%
72	4.633	4.616	4.656	PH	-464	-13622	-0.28%	-0.009%
73	4.674	4.656	4.692	PH	-530	-13608	-0.28%	-0.009%
74	4.698	4.692	4.717	PH	-559	-9853	-0.20%	-0.006%
75	4.751	4.717	4.786	PH	2451	251	0.01%	0.000%
76	4.797	4.786	4.811	PH	-350	-8265	-0.17%	-0.005%
77	4.835	4.811	4.859	PH	-435	-19903	-0.40%	-0.013%
78	4.872	4.859	4.889	PH	-616	-13257	-0.27%	-0.008%
79	4.894	4.889	4.906	PH	-719	-8013	-0.16%	-0.005%
80	4.912	4.906	4.934	PH	-816	-14878	-0.30%	-0.009%
81	4.951	4.934	4.966	PH	-723	-15480	-0.31%	-0.010%
82	4.970	4.966	4.980	PH	-842	-7118	-0.14%	-0.005%
83	4.983	4.980	4.991	PH	-856	-6219	-0.13%	-0.004%
84	5.012	4.991	5.047	PH	2262	-1999	-0.04%	-0.001%
85	5.061	5.047	5.089	PH	-613	-19389	-0.39%	-0.012%
86	5.110	5.089	5.126	PH	-759	-18200	-0.37%	-0.012%
87	5.138	5.126	5.151	PH	-456	-10030	-0.20%	-0.006%
88	5.159	5.151	5.182	PH	-608	-14403	-0.29%	-0.009%
89	5.191	5.182	5.207	PH	-785	-13560	-0.27%	-0.009%

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90	5.212	5.207	5.216	PH	-885	-4596	-0.09%	-0.003%
91	5.221	5.216	5.236	PH	-922	-11390	-0.23%	-0.007%
92	5.273	5.236	5.313	PH	-635	-39431	-0.80%	-0.025%
93	5.328	5.313	5.337	PH	-733	-12241	-0.25%	-0.008%
94	5.343	5.337	5.389	PH	-685	-26458	-0.54%	-0.017%
95	5.409	5.389	5.427	PH	-749	-19598	-0.40%	-0.012%
96	5.430	5.427	5.435	PH	-950	-4317	-0.09%	-0.003%
97	5.458	5.435	5.476	PH	121	-12232	-0.25%	-0.008%
98	5.488	5.476	5.523	PH	-608	-22518	-0.46%	-0.014%
99	5.530	5.523	5.540	PH	-842	-8981	-0.18%	-0.006%
100	5.550	5.540	5.581	PH	-859	-22344	-0.45%	-0.014%
101	5.585	5.581	5.606	PH	-871	-13912	-0.28%	-0.009%
102	5.614	5.606	5.621	PH	-907	-8243	-0.17%	-0.005%
103	5.645	5.621	5.666	PH	-461	-19810	-0.40%	-0.013%
104	5.678	5.666	5.705	PH	-836	-20624	-0.42%	-0.013%
105	5.708	5.705	5.722	PH	-880	-9834	-0.20%	-0.006%
106	5.743	5.722	5.758	PH	-625	-16438	-0.33%	-0.010%
107	5.761	5.758	5.783	PH	-664	-12961	-0.26%	-0.008%
108	5.809	5.783	5.822	PH	-642	-18839	-0.38%	-0.012%
109	5.832	5.822	5.843	PH	-754	-10335	-0.21%	-0.007%
110	5.847	5.843	5.857	PH	-889	-7807	-0.16%	-0.005%
111	5.865	5.857	5.872	PH	-871	-8384	-0.17%	-0.005%
112	5.877	5.872	5.897	PH	-860	-13907	-0.28%	-0.009%
113	5.912	5.897	5.936	PH	-852	-22929	-0.46%	-0.015%
114	5.963	5.936	5.986	PH	-673	-25200	-0.51%	-0.016%
115	6.008	5.986	6.026	PH	597	-7409	-0.15%	-0.005%
116	6.031	6.026	6.049	PH	-502	-9300	-0.19%	-0.006%
117	6.054	6.049	6.072	PH	-781	-12521	-0.25%	-0.008%
118	6.099	6.072	6.105	PH	-797	-17669	-0.36%	-0.011%
119	6.116	6.105	6.133	PH	-815	-15560	-0.32%	-0.010%
120	6.159	6.133	6.175	PH	-552	-18489	-0.37%	-0.012%
121	6.183	6.175	6.232	PH	-757	-30116	-0.61%	-0.019%
122	6.245	6.232	6.268	PH	-849	-19630	-0.40%	-0.013%
123	6.287	6.268	6.312	PH	-663	-20670	-0.42%	-0.013%
124	6.326	6.312	6.343	PH	-661	-15378	-0.31%	-0.010%
125	6.374	6.343	6.387	PH	-734	-22245	-0.45%	-0.014%
126	6.401	6.387	6.416	PH	-717	-13414	-0.27%	-0.009%
127	6.440	6.416	6.501	PH	-66	-37561	-0.76%	-0.024%
128	6.530	6.501	6.535	PH	-917	-20302	-0.41%	-0.013%
129	6.541	6.535	6.569	PH	-894	-18887	-0.38%	-0.012%
130	6.590	6.569	6.612	PH	-583	-20617	-0.42%	-0.013%
131	6.637	6.612	6.654	PH	-707	-22667	-0.46%	-0.014%
132	6.667	6.654	6.673	PH	-933	-10833	-0.22%	-0.007%
133	6.710	6.673	6.741	PH	-857	-39291	-0.80%	-0.025%
134	6.761	6.741	6.791	PH	-765	-27418	-0.56%	-0.017%
135	6.811	6.791	6.832	PH	-919	-23950	-0.49%	-0.015%
136	6.843	6.832	6.864	PH	-888	-18293	-0.37%	-0.012%
137	6.870	6.864	6.881	PH	-967	-10326	-0.21%	-0.007%
138	6.900	6.881	6.920	PH	-786	-21934	-0.44%	-0.014%
139	6.941	6.920	6.960	PH	-374	-14843	-0.30%	-0.009%
140	6.967	6.960	6.985	PH	-496	-10084	-0.20%	-0.006%
141	7.004	6.985	7.032	PH	-494	-21272	-0.43%	-0.014%

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142	7.063	7.032	7.086	PH	201	-17170	-0.35%	-0.011%
143	7.105	7.086	7.117	PH	-821	-16394	-0.33%	-0.010%
144	7.140	7.117	7.183	PH	-547	-28820	-0.58%	-0.018%
145	7.199	7.183	7.225	PH	-140	-16473	-0.33%	-0.011%
146	7.242	7.225	7.260	PH	-762	-17589	-0.36%	-0.011%
147	7.264	7.260	7.275	PH	-897	-8332	-0.17%	-0.005%
148	7.282	7.275	7.303	PH	-866	-16148	-0.33%	-0.010%
149	7.315	7.303	7.342	PH	-822	-21139	-0.43%	-0.013%
150	7.363	7.342	7.398	PH	-263	-23396	-0.47%	-0.015%
151	7.416	7.398	7.429	PH	-787	-16241	-0.33%	-0.010%
152	7.446	7.429	7.474	PH	-783	-23152	-0.47%	-0.015%
153	7.482	7.474	7.521	PH	-843	-25313	-0.51%	-0.016%
154	7.536	7.521	7.582	PH	-739	-31906	-0.65%	-0.020%
155	7.585	7.582	7.605	PH	-884	-12901	-0.26%	-0.008%
156	7.617	7.605	7.630	PH	-787	-13388	-0.27%	-0.009%
157	7.655	7.630	7.679	PH	-635	-23236	-0.47%	-0.015%
158	7.707	7.679	7.736	PH	-724	-28617	-0.58%	-0.018%
159	7.786	7.736	7.835	PH	-437	-44638	-0.90%	-0.028%
160	7.844	7.835	7.850	PH	-682	-6919	-0.14%	-0.004%
161	7.853	7.850	7.856	PH	-837	-3160	-0.06%	-0.002%
162	7.859	7.856	7.871	PH	-805	-7934	-0.16%	-0.005%
163	7.934	7.871	7.956	PH	-345	-34582	-0.70%	-0.022%
164	7.979	7.956	8.001	PH	-436	-16155	-0.33%	-0.010%
165	8.009	8.001	8.029	PH	-645	-12170	-0.25%	-0.008%
166	8.054	8.029	8.074	PH	29	-10414	-0.21%	-0.007%
167	8.079	8.074	8.082	PH	-661	-3403	-0.07%	-0.002%
168	8.135	8.082	8.147	PH	42	-17322	-0.35%	-0.011%
169	8.160	8.147	8.176	PH	-76	-5111	-0.10%	-0.003%
170	8.187	8.176	8.204	PH	-162	-6642	-0.13%	-0.004%
171	8.233	8.204	8.269	PH	335	-10550	-0.21%	-0.007%
172	8.293	8.269	8.316	PH	721	-3438	-0.07%	-0.002%
173	8.347	8.316	8.383	PH	1452	6012	0.12%	0.004%
174	8.402	8.383	8.426	PH	-174	-9111	-0.18%	-0.006%
175	8.431	8.426	8.458	PH	-475	-11141	-0.23%	-0.007%
176	8.507	8.458	8.514	PH	-511	-19893	-0.40%	-0.013%
177	8.517	8.514	8.521	PH	-506	-2394	-0.05%	-0.002%
178	8.530	8.521	8.551	PH	-538	-11574	-0.23%	-0.007%
179	8.558	8.551	8.571	PH	-682	-8512	-0.17%	-0.005%
180	8.594	8.571	8.615	PH	-280	-13279	-0.27%	-0.008%
181	8.640	8.615	8.655	PH	199	-6094	-0.12%	-0.004%
182	8.669	8.655	8.677	PH	-342	-5201	-0.11%	-0.003%
183	8.700	8.677	8.723	PH	635	-80	-0.00%	-0.000%
184	8.747	8.723	8.754	PH	-275	-6298	-0.13%	-0.004%
185	8.769	8.754	8.817	PH	-63	-15103	-0.31%	-0.010%
186	8.825	8.817	8.831	PH	-577	-4974	-0.10%	-0.003%
187	8.857	8.831	8.864	PH	-390	-10976	-0.22%	-0.007%
188	8.866	8.864	8.870	PH	-440	-1554	-0.03%	-0.001%
189	8.881	8.870	8.897	PH	-335	-7109	-0.14%	-0.005%
190	8.913	8.897	8.939	PH	182	-8044	-0.16%	-0.005%
191	8.955	8.939	8.964	PH	-152	-5235	-0.11%	-0.003%
192	8.982	8.964	8.998	PH	137	-3426	-0.07%	-0.002%
193	9.004	8.998	9.034	PH	-407	-12403	-0.25%	-0.008%
194	9.054	9.034	9.076	PH	270	-5205	-0.11%	-0.003%

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195	9.095	9.076	9.127	PH	-176	-13688	-0.28%	-0.009%
196	9.144	9.127	9.157	PH	-462	-10103	-0.20%	-0.006%
197	9.172	9.157	9.184	PH	-321	-7960	-0.16%	-0.005%
198	9.205	9.184	9.227	PH	-317	-13129	-0.27%	-0.008%
199	9.238	9.227	9.259	PH	-263	-9309	-0.19%	-0.006%
200	9.264	9.259	9.281	PH	-549	-7907	-0.16%	-0.005%
201	9.291	9.281	9.296	PH	-494	-5390	-0.11%	-0.003%
202	9.300	9.296	9.308	PH	-576	-4708	-0.10%	-0.003%
203	9.342	9.308	9.362	PH	-309	-17676	-0.36%	-0.011%
204	9.379	9.362	9.401	PH	-365	-12074	-0.24%	-0.008%
205	9.425	9.401	9.483	PH	70	-20607	-0.42%	-0.013%
206	9.507	9.483	9.557	PH	-150	-18534	-0.38%	-0.012%
207	9.576	9.557	9.606	PH	-203	-10990	-0.22%	-0.007%
208	9.626	9.606	9.670	PH	-381	-19672	-0.40%	-0.013%
209	9.697	9.670	9.725	PH	-314	-15923	-0.32%	-0.010%
210	9.749	9.725	9.767	PH	-200	-10122	-0.21%	-0.006%
211	9.773	9.767	9.787	PH	-354	-5252	-0.11%	-0.003%
212	9.798	9.787	9.820	PH	-453	-10506	-0.21%	-0.007%
213	9.839	9.820	9.900	PH	446	-13805	-0.28%	-0.009%
214	9.916	9.900	9.924	PH	-517	-8640	-0.17%	-0.006%
215	9.944	9.924	9.968	PH	-439	-15336	-0.31%	-0.010%
216	9.988	9.968	10.002	PH	-399	-10642	-0.22%	-0.007%
217	10.005	10.002	10.043	PH	-434	-13203	-0.27%	-0.008%
218	10.048	10.043	10.060	PH	-614	-6782	-0.14%	-0.004%
219	10.089	10.060	10.094	PH	-558	-12866	-0.26%	-0.008%
220	10.111	10.094	10.124	PH	-498	-10709	-0.22%	-0.007%
221	10.141	10.124	10.152	PH	-601	-11540	-0.23%	-0.007%
222	10.176	10.152	10.209	PH	-427	-19018	-0.39%	-0.012%
223	10.227	10.209	10.249	PH	-221	-11161	-0.23%	-0.007%
224	10.279	10.249	10.292	PH	-217	-10672	-0.22%	-0.007%
225	10.308	10.292	10.334	PH	-199	-9659	-0.20%	-0.006%
226	10.359	10.334	10.367	PH	69	-4641	-0.09%	-0.003%
227	10.386	10.367	10.403	PH	1115	8074	0.16%	0.005%
228	10.422	10.403	10.457	PH	1100	2726	0.06%	0.002%
229	10.480	10.457	10.500	PH	2405	22881	0.46%	0.015%
230	10.511	10.500	10.523	PH	415	2700	0.05%	0.002%
231	10.553	10.523	10.567	PH	893	12026	0.24%	0.008%
232	10.578	10.567	10.604	HH	410	1127	0.02%	0.001%
233	10.638	10.604	10.661	PH	758	11066	0.22%	0.007%
234	10.677	10.661	10.719	PH	1184	8247	0.17%	0.005%
235	10.742	10.719	10.762	PH	1217	8659	0.18%	0.006%
236	10.767	10.762	10.778	PH	-2	-1074	-0.02%	-0.001%
237	10.799	10.778	10.808	PH	623	4607	0.09%	0.003%
238	10.828	10.808	10.874	HH	13757	142024	2.88%	0.091%
239	10.878	10.874	10.880	PH	-312	-1302	-0.03%	-0.001%
240	10.903	10.880	10.923	PH	2468	22533	0.46%	0.014%
241	10.929	10.923	10.939	PH	-35	-422	-0.01%	-0.000%
242	10.965	10.939	10.986	PH	611	4832	0.10%	0.003%
243	10.992	10.986	10.999	PH	-264	-2382	-0.05%	-0.002%
244	11.003	10.999	11.017	PH	-282	-4100	-0.08%	-0.003%
245	11.031	11.017	11.038	PH	-359	-4855	-0.10%	-0.003%
246	11.042	11.038	11.046	PH	-376	-2024	-0.04%	-0.001%

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247	11.072	11.046	11.096	PH	459	-1558	-0.03%	-0.001%
248	11.116	11.096	11.134	PH	995	5374	0.11%	0.003%
249	11.138	11.134	11.164	PH	-120	-5408	-0.11%	-0.003%
250	11.188	11.164	11.192	PH	-268	-5956	-0.12%	-0.004%
251	11.219	11.192	11.226	PH	-140	-5165	-0.10%	-0.003%
252	11.251	11.226	11.267	PH	124	-1014	-0.02%	-0.001%
253	11.281	11.267	11.307	PH	478	909	0.02%	0.001%
254	11.313	11.307	11.317	PH	-193	-1299	-0.03%	-0.001%
255	11.346	11.317	11.355	PH	510	3851	0.08%	0.002%
256	11.369	11.355	11.401	HH	408	1999	0.04%	0.001%
257	11.432	11.401	11.455	PH	42	-6104	-0.12%	-0.004%
258	11.481	11.455	11.505	PH	175	-2404	-0.05%	-0.002%
259	11.520	11.505	11.539	PH	107	-1359	-0.03%	-0.001%
260	11.556	11.539	11.574	PH	195	1814	0.04%	0.001%
261	11.590	11.574	11.611	HH	345	2804	0.06%	0.002%
262	11.634	11.611	11.648	PH	1891	19600	0.40%	0.012%
263	11.664	11.648	11.676	HH	2618	26281	0.53%	0.017%
264	11.691	11.676	11.710	HH	5402	59216	1.20%	0.038%
265	11.729	11.710	11.759	HH	5136	76376	1.55%	0.049%
266	11.788	11.759	11.842	HH	8158	156916	3.18%	0.100%
267	11.848	11.842	11.869	HH	92	1382	0.03%	0.001%
268	11.891	11.869	11.914	HH	279	3988	0.08%	0.003%
269	11.952	11.914	11.969	HH	1056	19757	0.40%	0.013%
270	11.988	11.969	12.014	HH	2083	28121	0.57%	0.018%
271	12.039	12.014	12.079	HH	530	14071	0.28%	0.009%
272	12.107	12.079	12.126	HH	1473	19691	0.40%	0.013%
273	12.159	12.126	12.177	HH	510	11747	0.24%	0.007%
274	12.193	12.177	12.222	HH	1052	17988	0.36%	0.011%
275	12.232	12.222	12.241	HH	624	5931	0.12%	0.004%
276	12.266	12.241	12.299	HH	2973	45824	0.93%	0.029%
277	12.316	12.299	12.329	HH	602	9545	0.19%	0.006%
278	12.360	12.329	12.369	HH	845	16085	0.33%	0.010%
279	12.374	12.369	12.392	HH	792	9921	0.20%	0.006%
280	12.412	12.392	12.462	HH	3510	66312	1.34%	0.042%
281	12.482	12.462	12.507	HH	1892	32421	0.66%	0.021%
282	12.536	12.507	12.556	HH	2289	40261	0.82%	0.026%
283	12.570	12.556	12.581	HH	1398	17903	0.36%	0.011%
284	12.596	12.581	12.622	HH	2105	35304	0.72%	0.023%
285	12.651	12.622	12.696	HH	19838	254383	5.15%	0.162%
286	12.713	12.696	12.737	HH	1082	23518	0.48%	0.015%
287	12.747	12.737	12.757	HH	991	11235	0.23%	0.007%
288	12.788	12.757	12.802	HH	1515	32556	0.66%	0.021%
289	12.809	12.802	12.826	HH	1337	17717	0.36%	0.011%
290	12.854	12.826	12.882	HH	1702	51093	1.03%	0.033%
291	12.893	12.882	12.900	HH	1493	14536	0.29%	0.009%
292	12.913	12.900	12.926	HH	1587	22011	0.45%	0.014%
293	12.950	12.926	12.977	HH	17719	215485	4.36%	0.137%
294	13.007	12.977	13.022	HH	2490	54324	1.10%	0.035%
295	13.039	13.022	13.070	HH	3163	59628	1.21%	0.038%
296	13.141	13.070	13.186	HH	2589	119952	2.43%	0.076%
297	13.219	13.186	13.259	HH	11636	199269	4.04%	0.127%
298	13.278	13.259	13.316	HH	3059	79314	1.61%	0.051%
299	13.350	13.316	13.372	HH	2244	64967	1.32%	0.041%

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300	13.408	13.372	13.469	HH	2860	128297	2.60%	0.082%
301	13.542	13.469	13.572	HH	3820	156242	3.16%	0.100%
302	13.576	13.572	13.579	HH	2185	8227	0.17%	0.005%
303	13.612	13.579	13.629	HH	2595	71450	1.45%	0.046%
304	13.681	13.629	13.706	HH	5875	184449	3.74%	0.118%
305	13.723	13.706	13.744	HH	3851	73778	1.49%	0.047%
306	13.761	13.744	13.782	HH	4713	86022	1.74%	0.055%
307	13.801	13.782	13.809	HH	3894	58436	1.18%	0.037%
308	13.818	13.809	13.837	HH	4211	62387	1.26%	0.040%
309	13.859	13.837	13.883	HH	3750	87292	1.77%	0.056%
310	13.889	13.883	13.899	HH	2863	26619	0.54%	0.017%
311	13.915	13.899	13.919	HH	3001	34483	0.70%	0.022%
312	13.938	13.919	13.962	HH	3091	76994	1.56%	0.049%
313	13.971	13.962	13.993	HH	3050	54454	1.10%	0.035%
314	14.020	13.993	14.053	HH	3500	117129	2.37%	0.075%
315	14.074	14.053	14.087	HH	3274	66483	1.35%	0.042%
316	14.126	14.087	14.148	HH	4086	126501	2.56%	0.081%
317	14.194	14.148	14.204	HH	4022	128784	2.61%	0.082%
318	14.209	14.204	14.217	HH	3996	30663	0.62%	0.020%
319	14.221	14.217	14.226	HH	3974	19675	0.40%	0.013%
320	14.274	14.226	14.299	HH	6139	202152	4.09%	0.129%
321	14.323	14.299	14.339	HH	4276	98955	2.00%	0.063%
322	14.364	14.339	14.381	HH	4759	109851	2.22%	0.070%
323	14.410	14.381	14.424	HH	4652	117057	2.37%	0.075%
324	14.458	14.424	14.476	HH	5501	155792	3.16%	0.099%
325	14.506	14.476	14.542	HH	8531	254670	5.16%	0.162%
326	14.579	14.542	14.604	HH	6853	203093	4.11%	0.129%
327	14.618	14.604	14.629	HH	5063	73642	1.49%	0.047%
328	14.646	14.629	14.666	HH	5211	110298	2.23%	0.070%
329	14.699	14.666	14.734	HH	11125	288944	5.85%	0.184%
330	14.744	14.734	14.758	HH	5256	76263	1.54%	0.049%
331	14.785	14.758	14.808	HH	5961	166587	3.37%	0.106%
332	14.832	14.808	14.853	HH	13057	235515	4.77%	0.150%
333	14.874	14.853	14.916	HH	13994	331091	6.71%	0.211%
334	14.924	14.916	14.944	HH	6411	106076	2.15%	0.068%
335	14.950	14.944	14.956	HH	6131	42974	0.87%	0.027%
336	14.996	14.956	15.017	HH	7674	250895	5.08%	0.160%
337	15.037	15.017	15.056	HH	6660	149424	3.03%	0.095%
338	15.076	15.056	15.102	HH	7059	187023	3.79%	0.119%
339	15.137	15.102	15.158	HH	7359	227389	4.61%	0.145%
340	15.174	15.158	15.207	HH	7476	209688	4.25%	0.134%
341	15.232	15.207	15.248	HH	7193	173755	3.52%	0.111%
342	15.280	15.248	15.307	HH	11029	306570	6.21%	0.195%
343	15.326	15.307	15.369	HH	7899	281396	5.70%	0.179%
344	15.379	15.369	15.399	HH	7511	134967	2.73%	0.086%
345	15.426	15.399	15.465	HH	9064	334012	6.76%	0.213%
346	15.510	15.465	15.533	HH	10212	355874	7.21%	0.227%
347	15.547	15.533	15.560	HH	8935	142114	2.88%	0.091%
348	15.564	15.560	15.585	HH	8683	128330	2.60%	0.082%
349	15.612	15.585	15.618	HH	8586	168083	3.40%	0.107%
350	15.653	15.618	15.661	HH	9432	227585	4.61%	0.145%
351	15.671	15.661	15.677	HH	9696	95498	1.93%	0.061%

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352	15.684	15.677	15.711	HH	9616	183815	3.72%	0.117%
353	15.752	15.711	15.781	HH	9590	388190	7.86%	0.247%
354	15.803	15.781	15.824	HH	9586	244735	4.96%	0.156%
355	15.835	15.824	15.852	HH	9727	158888	3.22%	0.101%
356	15.861	15.852	15.867	HH	9735	89807	1.82%	0.057%
357	15.876	15.867	15.901	HH	9818	193231	3.91%	0.123%
358	15.926	15.901	15.966	HH	11271	413698	8.38%	0.264%
359	15.983	15.966	15.990	HH	10308	144246	2.92%	0.092%
360	15.997	15.990	16.002	HH	10306	78064	1.58%	0.050%
361	16.019	16.002	16.027	HH	10627	152443	3.09%	0.097%
362	16.038	16.027	16.053	HH	10697	163989	3.32%	0.105%
363	16.066	16.053	16.084	HH	10993	200049	4.05%	0.128%
364	16.122	16.084	16.164	HH	12152	562460	11.39%	0.359%
365	16.186	16.164	16.197	HH	12049	229982	4.66%	0.147%
366	16.228	16.197	16.249	HH	12947	390770	7.91%	0.249%
367	16.296	16.249	16.312	HH	13816	490794	9.94%	0.313%
368	16.319	16.312	16.343	HH	13937	251104	5.09%	0.160%
369	16.397	16.343	16.416	HH	22156	719683	14.58%	0.459%
370	16.418	16.416	16.459	HH	18907	409997	8.30%	0.261%
371	16.528	16.459	16.562	HH	16644	926844	18.77%	0.591%
372	16.576	16.562	16.580	HH	15705	167635	3.40%	0.107%
373	16.587	16.580	16.606	HH	15591	235069	4.76%	0.150%
374	16.620	16.606	16.623	HH	15804	165070	3.34%	0.105%
375	16.637	16.623	16.657	HH	15963	323248	6.55%	0.206%
376	16.660	16.657	16.662	HH	15910	45230	0.92%	0.029%
377	16.717	16.662	16.741	HH	22190	862495	17.47%	0.550%
378	16.746	16.741	16.749	HH	17149	85540	1.73%	0.055%
379	16.776	16.749	16.817	HH	24376	778248	15.76%	0.496%
380	16.842	16.817	16.854	HH	17816	391304	7.93%	0.249%
381	16.879	16.854	16.901	HH	22967	577594	11.70%	0.368%
382	16.908	16.901	16.914	HH	19800	156895	3.18%	0.100%
383	16.926	16.914	16.954	HH	20017	467016	9.46%	0.298%
384	16.967	16.954	16.983	HH	18887	331574	6.72%	0.211%
385	16.992	16.983	17.007	HH	19261	267268	5.41%	0.170%
386	17.017	17.007	17.039	HH	19543	379450	7.69%	0.242%
387	17.090	17.039	17.097	HH	20388	687152	13.92%	0.438%
388	17.135	17.097	17.157	HH	21936	751074	15.21%	0.479%
389	17.191	17.157	17.195	HH	21733	482566	9.77%	0.308%
390	17.201	17.195	17.208	HH	21645	160882	3.26%	0.103%
391	17.213	17.208	17.218	HH	21760	132593	2.69%	0.085%
392	17.247	17.218	17.260	HH	22266	556726	11.28%	0.355%
393	17.277	17.260	17.292	HH	23197	433973	8.79%	0.277%
394	17.307	17.292	17.313	HH	23852	291151	5.90%	0.186%
395	17.334	17.313	17.356	HH	26335	628375	12.73%	0.401%
396	17.370	17.356	17.392	HH	23697	516073	10.45%	0.329%
397	17.449	17.392	17.475	HH	25941	1224970	24.81%	0.781%
398	17.510	17.475	17.524	HH	24758	696932	14.12%	0.444%
399	17.543	17.524	17.561	HH	24694	543027	11.00%	0.346%
400	17.565	17.561	17.579	HH	24662	273467	5.54%	0.174%
401	17.587	17.579	17.592	HH	24743	185039	3.75%	0.118%
402	17.596	17.592	17.602	HH	24848	159805	3.24%	0.102%
403	17.629	17.602	17.656	HH	25594	808272	16.37%	0.515%
404	17.674	17.656	17.693	HH	26778	588388	11.92%	0.375%

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405	17.711	17.693	17.717	HH	26272	368153	7.46%	0.235%
406	17.773	17.717	17.806	HH	33399	1527632	30.94%	0.974%
407	17.826	17.806	17.841	HH	27745	579513	11.74%	0.369%
408	17.925	17.841	17.941	HH	32129	1739754	35.24%	1.109%
409	17.949	17.941	17.969	HH	30475	513389	10.40%	0.327%
410	17.975	17.969	17.989	HH	29896	356187	7.21%	0.227%
411	17.994	17.989	17.998	HH	29922	162017	3.28%	0.103%
412	18.051	17.998	18.082	HH	34119	1583112	32.06%	1.009%
413	18.150	18.082	18.174	HH	36699	1807950	36.62%	1.153%
414	18.198	18.174	18.224	HH	37537	1034324	20.95%	0.659%
415	18.240	18.224	18.253	HH	32729	574779	11.64%	0.366%
416	18.291	18.253	18.311	HH	36940	1187448	24.05%	0.757%
417	18.316	18.311	18.346	HH	35379	717488	14.53%	0.457%
418	18.356	18.346	18.361	HH	33958	303754	6.15%	0.194%
419	18.372	18.361	18.380	HH	34224	393027	7.96%	0.251%
420	18.406	18.380	18.426	HH	39939	1007195	20.40%	0.642%
421	18.444	18.426	18.449	HH	35452	495109	10.03%	0.316%
422	18.468	18.449	18.478	HH	35944	608728	12.33%	0.388%
423	18.496	18.478	18.506	HH	36670	607477	12.30%	0.387%
424	18.525	18.506	18.528	HH	37540	504362	10.22%	0.322%
425	18.552	18.528	18.559	HH	38509	705691	14.29%	0.450%
426	18.614	18.559	18.659	HH	46858	2485363	50.34%	1.584%
427	18.676	18.659	18.682	HH	40680	567727	11.50%	0.362%
428	18.717	18.682	18.737	HH	43693	1388368	28.12%	0.885%
429	18.764	18.737	18.792	HH	43353	1378306	27.92%	0.879%
430	18.799	18.792	18.805	HH	41229	332797	6.74%	0.212%
431	18.815	18.805	18.830	HH	41300	616851	12.49%	0.393%
432	18.870	18.830	18.876	HH	41772	1114890	22.58%	0.711%
433	18.896	18.876	18.905	HH	42557	739474	14.98%	0.471%
434	18.913	18.905	18.924	HH	42488	478709	9.70%	0.305%
435	18.967	18.932	18.980	HH	45407	1270784	25.74%	0.810%
436	19.011	18.980	19.030	HH	48304	1379510	27.94%	0.879%
437	19.045	19.030	19.062	HH	46456	896861	18.16%	0.572%
438	19.068	19.062	19.083	HH	46316	560981	11.36%	0.358%
439	19.100	19.083	19.105	HH	46259	613554	12.43%	0.391%
440	19.121	19.105	19.139	HH	47129	950076	19.24%	0.606%
441	19.173	19.139	19.208	HH	51938	2026964	41.05%	1.292%
442	19.241	19.208	19.256	HH	49262	1377245	27.89%	0.878%
443	19.267	19.256	19.276	HH	49574	589263	11.93%	0.376%
444	19.315	19.302	19.323	HH	50750	607888	12.31%	0.388%
445	19.327	19.323	19.334	HH	50727	334658	6.78%	0.213%
446	19.401	19.334	19.421	HH	55373	2750449	55.71%	1.753%
447	19.433	19.421	19.456	HH	53875	1122346	22.73%	0.715%
448	19.465	19.456	19.479	HH	52649	722623	14.64%	0.461%
449	19.495	19.479	19.502	HH	53687	712561	14.43%	0.454%
450	19.530	19.502	19.542	HH	55188	1321243	26.76%	0.842%
451	19.573	19.542	19.592	HH	57538	1675482	33.93%	1.068%
452	19.604	19.592	19.614	HH	56979	717958	14.54%	0.458%
453	19.636	19.614	19.642	HH	59373	1008705	20.43%	0.643%
454	19.695	19.652	19.726	HH	66965	2755443	55.81%	1.757%
455	19.772	19.726	19.795	HH	64905	2617376	53.01%	1.668%
456	19.820	19.795	19.824	HH	62971	1053821	21.34%	0.672%

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457	19.828	19.824	19.846	HH	63141	859847	17.41%	0.548%
458	19.878	19.873	19.885	HH	62624	451349	9.14%	0.288%
459	19.949	19.885	19.967	HH	66168	3126168	63.32%	1.993%
460	19.973	19.967	19.981	HH	65573	568979	11.52%	0.363%
461	20.006	19.981	20.011	HH	67848	1200782	24.32%	0.765%
462	20.028	20.011	20.036	HH	69282	1016239	20.58%	0.648%
463	20.059	20.052	20.071	HH	70368	795422	16.11%	0.507%
464	20.100	20.098	20.114	HH	70186	663032	13.43%	0.423%
465	20.186	20.114	20.216	HH	77904	4470728	90.55%	2.850%
466	20.223	20.216	20.247	HH	72811	1326302	26.86%	0.845%
467	20.269	20.247	20.274	HH	74132	1206087	24.43%	0.769%
468	20.294	20.274	20.304	HH	75435	1358499	27.51%	0.866%
469	20.324	20.304	20.331	HH	76326	1204980	24.41%	0.768%
470	20.336	20.331	20.342	HH	76018	530423	10.74%	0.338%
471	20.363	20.342	20.415	HH	76808	3291348	66.66%	2.098%
472	20.434	20.415	20.441	HH	76142	1187229	24.05%	0.757%
473	20.472	20.441	20.479	HH	78860	1737143	35.18%	1.107%
474	20.500	20.479	20.537	HH	80373	2790984	56.53%	1.779%
475	20.542	20.537	20.571	HH	78179	1542396	31.24%	0.983%
476	20.585	20.571	20.602	HH	76966	1449264	29.35%	0.924%
477	20.632	20.622	20.638	HH	76600	717802	14.54%	0.458%
478	20.672	20.638	20.726	HH	82934	4072441	82.48%	2.596%
479	20.747	20.726	20.758	HH	73528	1386063	28.07%	0.884%
480	20.763	20.758	20.774	HH	72607	702237	14.22%	0.448%
481	20.835	20.789	20.839	HH	74818	2211460	44.79%	1.410%
482	20.875	20.839	20.879	HH	76398	1838545	37.24%	1.172%
483	20.895	20.879	20.991	HH	77811	4937418	100.00%	3.147%
484	21.000	20.991	21.012	HH	70304	884351	17.91%	0.564%
485	21.034	21.012	21.064	HH	71713	2203021	44.62%	1.404%
486	21.084	21.064	21.097	HH	72035	1389768	28.15%	0.886%
487	21.115	21.097	21.124	HH	72188	1181688	23.93%	0.753%
488	21.135	21.124	21.160	HH	72728	1562552	31.65%	0.996%
489	21.171	21.160	21.186	HH	72290	1103782	22.36%	0.704%
490	21.226	21.186	21.274	HH	80475	4012965	81.28%	2.558%
491	21.279	21.274	21.302	HH	70878	1181647	23.93%	0.753%
492	21.307	21.302	21.315	HH	69544	520014	10.53%	0.331%
493	21.320	21.315	21.334	HH	69270	803786	16.28%	0.512%
494	21.361	21.334	21.371	HH	69227	1511121	30.61%	0.963%
495	21.380	21.371	21.392	HH	69933	905526	18.34%	0.577%
496	21.404	21.392	21.423	HH	69852	1271811	25.76%	0.811%
497	21.429	21.423	21.434	HH	69684	467784	9.47%	0.298%
498	21.438	21.434	21.452	HH	69518	759390	15.38%	0.484%
499	21.465	21.452	21.472	HH	69600	822074	16.65%	0.524%
500	21.519	21.472	21.566	HH	70874	3930556	79.61%	2.506%
501	21.602	21.566	21.631	HH	70977	2749611	55.69%	1.753%
502	21.640	21.631	21.654	HH	70968	986684	19.98%	0.629%
503	21.658	21.654	21.684	HH	70481	1259131	25.50%	0.803%
					Sum of corrected areas: 156871236			