

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041921\
Data File : FE033601.D
Signal(s) : FID1B.CH
Acq On : 19 Apr 2021 13:23
Sample : M2070-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040521.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.429	2.383	2.537	BH	838830	6201574	47.83%	3.872%
2	2.562	2.537	2.628	PH	55014	212191	1.64%	0.132%
3	2.648	2.628	2.676	PH	-2985	-151224	-1.17%	-0.094%
4	2.692	2.676	2.722	PH	-3666	-149133	-1.15%	-0.093%
5	2.732	2.722	2.758	PH	-6066	-139847	-1.08%	-0.087%
6	2.766	2.758	2.778	PH	-6580	-80436	-0.62%	-0.050%
7	2.787	2.778	2.820	PH	-6178	-168452	-1.30%	-0.105%
8	2.832	2.820	2.854	PH	-6845	-141094	-1.09%	-0.088%
9	2.874	2.854	2.905	PH	16512	-38857	-0.30%	-0.024%
10	2.909	2.905	2.927	PH	-7171	-95324	-0.74%	-0.060%
11	2.959	2.927	3.006	PH	72863	470607	3.63%	0.294%
12	3.019	3.006	3.030	PH	-4898	-82719	-0.64%	-0.052%
13	3.036	3.030	3.066	PH	-4991	-137134	-1.06%	-0.086%
14	3.081	3.066	3.100	PH	-6374	-145297	-1.12%	-0.091%
15	3.111	3.100	3.119	PH	-6708	-78671	-0.61%	-0.049%
16	3.131	3.119	3.146	PH	-5891	-105622	-0.81%	-0.066%
17	3.155	3.146	3.159	PH	-7189	-57340	-0.44%	-0.036%
18	3.180	3.159	3.255	PH	42468	-30150	-0.23%	-0.019%
19	3.258	3.255	3.275	PH	-7913	-95335	-0.74%	-0.060%
20	3.298	3.275	3.326	PH	-2215	-198787	-1.53%	-0.124%
21	3.331	3.326	3.350	PH	-8057	-114708	-0.88%	-0.072%
22	3.363	3.350	3.404	PH	-7686	-262572	-2.03%	-0.164%
23	3.421	3.404	3.434	PH	-6557	-136135	-1.05%	-0.085%
24	3.442	3.434	3.466	PH	-7331	-151242	-1.17%	-0.094%
25	3.491	3.466	3.506	PH	-7541	-190858	-1.47%	-0.119%
26	3.522	3.506	3.560	PH	-6561	-249104	-1.92%	-0.156%
27	3.582	3.560	3.641	PH	-7704	-402438	-3.10%	-0.251%
28	3.646	3.641	3.656	PH	-8509	-76934	-0.59%	-0.048%
29	3.661	3.656	3.667	PH	-8485	-53798	-0.41%	-0.034%
30	3.688	3.667	3.694	PH	-5920	-120041	-0.93%	-0.075%
31	3.705	3.694	3.718	PH	-4586	-82820	-0.64%	-0.052%
32	3.729	3.718	3.776	PH	5677	-140139	-1.08%	-0.088%
33	3.782	3.776	3.813	PH	-7716	-177395	-1.37%	-0.111%
34	3.825	3.813	3.846	PH	-7731	-163300	-1.26%	-0.102%
35	3.860	3.846	3.871	PH	-8277	-126218	-0.97%	-0.079%
36	3.908	3.871	3.920	PH	-6192	-221447	-1.71%	-0.138%

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37	3.929	3.920	3.946	PH	-7196	-125616	-0.97%	-0.078%
38	3.958	3.946	3.976	PH	-7949	-148336	-1.14%	-0.093%
39	3.991	3.976	4.008	PH	-6301	-142828	-1.10%	-0.089%
40	4.018	4.008	4.034	PH	-8095	-130479	-1.01%	-0.081%
41	4.054	4.034	4.075	PH	66378	417933	3.22%	0.261%
42	4.091	4.075	4.133	PH	-1660	-199494	-1.54%	-0.125%
43	4.144	4.133	4.148	PH	-8159	-70989	-0.55%	-0.044%
44	4.159	4.148	4.165	PH	-7886	-81585	-0.63%	-0.051%
45	4.172	4.165	4.195	PH	-7750	-147441	-1.14%	-0.092%
46	4.216	4.195	4.235	PH	32839	161889	1.25%	0.101%
47	4.241	4.235	4.283	PH	-1541	-164211	-1.27%	-0.103%
48	4.299	4.283	4.310	PH	-7273	-123140	-0.95%	-0.077%
49	4.321	4.310	4.358	PH	-7774	-237114	-1.83%	-0.148%
50	4.398	4.358	4.419	PH	-4373	-264314	-2.04%	-0.165%
51	4.429	4.419	4.446	PH	-5740	-107902	-0.83%	-0.067%
52	4.474	4.446	4.500	PH	861496	7683152	59.25%	4.797%
53	4.506	4.500	4.537	PH	-4321	-131875	-1.02%	-0.082%
54	4.542	4.537	4.551	PH	-8019	-69990	-0.54%	-0.044%
55	4.578	4.551	4.597	PH	-6240	-201518	-1.55%	-0.126%
56	4.616	4.597	4.666	PH	8223	-158615	-1.22%	-0.099%
57	4.686	4.666	4.703	PH	-7618	-181338	-1.40%	-0.113%
58	4.720	4.703	4.738	PH	-8407	-177384	-1.37%	-0.111%
59	4.757	4.738	4.766	PH	-8245	-140123	-1.08%	-0.087%
60	4.779	4.766	4.790	PH	-7246	-111641	-0.86%	-0.070%
61	4.802	4.790	4.826	PH	-5297	-156554	-1.21%	-0.098%
62	4.840	4.826	4.871	PH	-6972	-209733	-1.62%	-0.131%
63	4.890	4.871	4.918	PH	-7847	-231660	-1.79%	-0.145%
64	4.924	4.918	4.946	PH	-8375	-143059	-1.10%	-0.089%
65	4.962	4.946	4.980	PH	-7613	-165592	-1.28%	-0.103%
66	5.002	4.980	5.020	PH	-7343	-190836	-1.47%	-0.119%
67	5.034	5.020	5.047	PH	-6130	-114917	-0.89%	-0.072%
68	5.061	5.047	5.100	PH	-4903	-224024	-1.73%	-0.140%
69	5.126	5.100	5.175	PH	12401	-127109	-0.98%	-0.079%
70	5.185	5.175	5.227	PH	-7441	-248683	-1.92%	-0.155%
71	5.245	5.227	5.249	PH	-8069	-106455	-0.82%	-0.066%
72	5.256	5.249	5.282	PH	-7957	-162726	-1.25%	-0.102%
73	5.321	5.282	5.342	PH	-5083	-256270	-1.98%	-0.160%
74	5.355	5.342	5.362	PH	-7574	-95215	-0.73%	-0.059%
75	5.379	5.362	5.411	PH	-3972	-195102	-1.50%	-0.122%
76	5.416	5.411	5.438	PH	-8394	-132894	-1.02%	-0.083%
77	5.461	5.438	5.477	PH	-7863	-193423	-1.49%	-0.121%
78	5.503	5.477	5.520	PH	-2489	-159887	-1.23%	-0.100%
79	5.542	5.520	5.564	PH	-4932	-177226	-1.37%	-0.111%
80	5.571	5.564	5.596	PH	-8170	-159068	-1.23%	-0.099%
81	5.619	5.596	5.653	PH	-6380	-254443	-1.96%	-0.159%
82	5.672	5.653	5.686	PH	-7852	-159880	-1.23%	-0.100%
83	5.691	5.686	5.700	PH	-7924	-67483	-0.52%	-0.042%
84	5.722	5.700	5.746	PH	-6185	-197204	-1.52%	-0.123%
85	5.783	5.746	5.800	PH	-7609	-252938	-1.95%	-0.158%
86	5.812	5.800	5.829	PH	-7104	-132997	-1.03%	-0.083%
87	5.840	5.829	5.861	PH	-7642	-151543	-1.17%	-0.095%
88	5.880	5.861	5.913	PH	-7055	-242549	-1.87%	-0.151%
89	5.928	5.913	5.939	PH	-7917	-128299	-0.99%	-0.080%

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90	5.956	5.939	5.981	PH	-6421	-188326	-1.45%	-0.118%
91	5.986	5.981	5.991	PH	-7978	-47779	-0.37%	-0.030%
92	6.053	5.991	6.090	PH	4200	-288449	-2.22%	-0.180%
93	6.109	6.090	6.137	PH	-5148	-195708	-1.51%	-0.122%
94	6.155	6.137	6.171	PH	-7458	-158357	-1.22%	-0.099%
95	6.194	6.171	6.245	PH	-6079	-312853	-2.41%	-0.195%
96	6.295	6.245	6.306	PH	-6727	-270950	-2.09%	-0.169%
97	6.329	6.306	6.350	PH	-5068	-164104	-1.27%	-0.102%
98	6.358	6.350	6.370	PH	-7210	-85451	-0.66%	-0.053%
99	6.390	6.370	6.400	PH	-7017	-128469	-0.99%	-0.080%
100	6.408	6.400	6.436	PH	-6778	-155662	-1.20%	-0.097%
101	6.441	6.436	6.448	PH	-7559	-54646	-0.42%	-0.034%
102	6.486	6.448	6.537	PH	795972	7827069	60.36%	4.887%
103	6.585	6.537	6.621	PH	-2594	-312178	-2.41%	-0.195%
104	6.651	6.621	6.665	PH	-7347	-197935	-1.53%	-0.124%
105	6.692	6.665	6.721	PH	-6384	-241548	-1.86%	-0.151%
106	6.733	6.721	6.745	PH	-7250	-103819	-0.80%	-0.065%
107	6.757	6.745	6.776	PH	-7293	-141302	-1.09%	-0.088%
108	6.804	6.776	6.833	PH	-7174	-254061	-1.96%	-0.159%
109	6.857	6.833	6.877	PH	-6636	-191042	-1.47%	-0.119%
110	6.896	6.877	6.916	PH	-6864	-168931	-1.30%	-0.105%
111	6.949	6.916	6.976	PH	-4741	-228601	-1.76%	-0.143%
112	6.989	6.976	7.008	PH	-6713	-132629	-1.02%	-0.083%
113	7.013	7.008	7.036	PH	-7148	-124438	-0.96%	-0.078%
114	7.041	7.036	7.067	PH	-7190	-136765	-1.05%	-0.085%
115	7.107	7.067	7.120	PH	-3489	-188402	-1.45%	-0.118%
116	7.135	7.120	7.168	PH	-2547	-147901	-1.14%	-0.092%
117	7.185	7.168	7.214	PH	-6528	-189710	-1.46%	-0.118%
118	7.278	7.214	7.380	PH	118358	1262754	9.74%	0.788%
119	7.405	7.380	7.453	PH	-2208	-220991	-1.70%	-0.138%
120	7.483	7.453	7.509	PH	-6140	-215907	-1.67%	-0.135%
121	7.546	7.509	7.603	PH	-996	-311649	-2.40%	-0.195%
122	7.634	7.603	7.662	PH	-3939	-208898	-1.61%	-0.130%
123	7.695	7.662	7.725	PH	-4066	-216369	-1.67%	-0.135%
124	7.740	7.725	7.756	PH	-6299	-121806	-0.94%	-0.076%
125	7.822	7.756	7.845	PH	-4279	-302440	-2.33%	-0.189%
126	7.860	7.845	7.880	PH	-4204	-107847	-0.83%	-0.067%
127	7.909	7.880	7.949	PH	-3797	-221874	-1.71%	-0.139%
128	7.971	7.949	7.996	PH	-4908	-156988	-1.21%	-0.098%
129	8.024	7.996	8.044	PH	-5269	-161132	-1.24%	-0.101%
130	8.054	8.044	8.067	PH	-5901	-84683	-0.65%	-0.053%
131	8.115	8.067	8.141	PH	-2589	-208684	-1.61%	-0.130%
132	8.206	8.141	8.222	PH	62698	1319377	10.18%	0.824%
133	8.281	8.222	8.324	HH	878500	12966468	100.00%	8.096%
134	8.340	8.324	8.433	HH	158443	1868762	14.41%	1.167%
135	8.444	8.433	8.458	PH	-3812	-61444	-0.47%	-0.038%
136	8.471	8.458	8.490	PH	-3484	-78488	-0.61%	-0.049%
137	8.520	8.490	8.551	PH	-2824	-155118	-1.20%	-0.097%
138	8.556	8.551	8.565	PH	-5069	-42727	-0.33%	-0.027%
139	8.588	8.565	8.596	PH	-4983	-95485	-0.74%	-0.060%
140	8.601	8.596	8.616	PH	-5047	-59802	-0.46%	-0.037%
141	8.639	8.616	8.665	PH	-3547	-136925	-1.06%	-0.085%

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142	8.683	8.665	8.700	PH	-998	-69622	-0.54%	-0.043%
143	8.714	8.700	8.725	PH	-3589	-61577	-0.47%	-0.038%
144	8.743	8.725	8.788	PH	1063	-122615	-0.95%	-0.077%
145	8.826	8.788	8.837	PH	-2248	-102815	-0.79%	-0.064%
146	8.871	8.837	8.913	PH	3534	-25560	-0.20%	-0.016%
147	8.925	8.913	8.935	PH	-2709	-42314	-0.33%	-0.026%
148	8.954	8.935	8.981	PH	944	-43489	-0.34%	-0.027%
149	9.002	8.981	9.037	PH	13247	49921	0.39%	0.031%
150	9.044	9.037	9.062	PH	-4560	-73215	-0.56%	-0.046%
151	9.095	9.062	9.117	PH	-1303	-119269	-0.92%	-0.074%
152	9.132	9.117	9.177	PH	-4218	-177428	-1.37%	-0.111%
153	9.185	9.177	9.189	PH	-5163	-37540	-0.29%	-0.023%
154	9.212	9.189	9.230	PH	-3929	-113496	-0.88%	-0.071%
155	9.247	9.230	9.263	PH	-4111	-91280	-0.70%	-0.057%
156	9.290	9.263	9.320	PH	-2478	-135838	-1.05%	-0.085%
157	9.334	9.320	9.353	PH	-4323	-92924	-0.72%	-0.058%
158	9.359	9.353	9.366	PH	-4849	-39750	-0.31%	-0.025%
159	9.401	9.366	9.410	PH	2431	-53902	-0.42%	-0.034%
160	9.420	9.410	9.446	HH	2559	-21492	-0.17%	-0.013%
161	9.465	9.446	9.506	PH	676	-99099	-0.76%	-0.062%
162	9.545	9.506	9.578	PH	-3803	-190018	-1.47%	-0.119%
163	9.610	9.578	9.635	PH	-3140	-136369	-1.05%	-0.085%
164	9.654	9.635	9.665	PH	-3993	-77741	-0.60%	-0.049%
165	9.674	9.665	9.690	PH	-4000	-61893	-0.48%	-0.039%
166	9.702	9.690	9.711	PH	-4131	-54252	-0.42%	-0.034%
167	9.716	9.711	9.733	PH	-4115	-56364	-0.43%	-0.035%
168	9.745	9.733	9.770	PH	-3768	-94302	-0.73%	-0.059%
169	9.809	9.770	9.845	PH	-192	-133517	-1.03%	-0.083%
170	9.882	9.845	9.925	PH	760054	8168708	63.00%	5.101%
171	9.962	9.925	9.968	PH	-3924	-107921	-0.83%	-0.067%
172	9.981	9.968	10.001	PH	-3856	-81477	-0.63%	-0.051%
173	10.029	10.001	10.070	PH	-262	-135784	-1.05%	-0.085%
174	10.091	10.070	10.108	PH	-3858	-91186	-0.70%	-0.057%
175	10.122	10.108	10.139	PH	-3761	-73669	-0.57%	-0.046%
176	10.163	10.139	10.192	PH	-2531	-111381	-0.86%	-0.070%
177	10.212	10.192	10.240	PH	-3327	-108230	-0.83%	-0.068%
178	10.265	10.240	10.282	PH	-2981	-89950	-0.69%	-0.056%
179	10.316	10.282	10.334	PH	-1714	-86845	-0.67%	-0.054%
180	10.347	10.334	10.371	PH	-2349	-66224	-0.51%	-0.041%
181	10.412	10.371	10.447	PH	-1584	-125246	-0.97%	-0.078%
182	10.463	10.447	10.473	PH	-2524	-46583	-0.36%	-0.029%
183	10.494	10.473	10.506	PH	-1913	-44927	-0.35%	-0.028%
184	10.512	10.506	10.550	PH	-2058	-74445	-0.57%	-0.046%
185	10.567	10.550	10.581	PH	-2343	-54307	-0.42%	-0.034%
186	10.611	10.581	10.649	PH	-146	-86429	-0.67%	-0.054%
187	10.671	10.649	10.705	PH	-1502	-81550	-0.63%	-0.051%
188	10.710	10.705	10.724	PH	-2972	-33974	-0.26%	-0.021%
189	10.756	10.724	10.778	PH	-2013	-85288	-0.66%	-0.053%
190	10.784	10.778	10.803	PH	-3252	-50252	-0.39%	-0.031%
191	10.806	10.803	10.818	PH	-3372	-31187	-0.24%	-0.019%
192	10.834	10.818	10.841	PH	-3002	-44589	-0.34%	-0.028%
193	10.866	10.841	10.915	PH	27179	237665	1.83%	0.148%
194	10.940	10.915	10.980	PH	3848	-33751	-0.26%	-0.021%

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195	10.990	10.980	11.002	PH	-2705	-36294	-0.28%	-0.023%
196	11.008	11.002	11.019	PH	-2900	-29487	-0.23%	-0.018%
197	11.037	11.019	11.058	PH	-2451	-64727	-0.50%	-0.040%
198	11.072	11.058	11.088	PH	-2751	-54092	-0.42%	-0.034%
199	11.111	11.088	11.133	PH	-2195	-68268	-0.53%	-0.043%
200	11.153	11.133	11.172	PH	3179	-2083	-0.02%	-0.001%
201	11.176	11.172	11.197	PH	-1876	-35626	-0.27%	-0.022%
202	11.227	11.197	11.235	PH	-2704	-64205	-0.50%	-0.040%
203	11.275	11.235	11.287	PH	-1819	-69280	-0.53%	-0.043%
204	11.324	11.287	11.363	PH	729726	8294410	63.97%	5.179%
205	11.390	11.363	11.396	PH	-841	-29441	-0.23%	-0.018%
206	11.399	11.396	11.403	PH	-932	-4178	-0.03%	-0.003%
207	11.407	11.403	11.445	PH	-993	-51484	-0.40%	-0.032%
208	11.471	11.445	11.493	PH	-1880	-68532	-0.53%	-0.043%
209	11.518	11.493	11.542	PH	-1319	-65076	-0.50%	-0.041%
210	11.571	11.542	11.646	PH	1910	-55939	-0.43%	-0.035%
211	11.669	11.646	11.683	PH	3505	14041	0.11%	0.009%
212	11.699	11.683	11.719	PH	4238	22815	0.18%	0.014%
213	11.732	11.719	11.747	PH	-1011	-25386	-0.20%	-0.016%
214	11.765	11.747	11.771	PH	-2	-12175	-0.09%	-0.008%
215	11.784	11.771	11.796	PH	1899	13917	0.11%	0.009%
216	11.816	11.796	11.832	HH	2400	22097	0.17%	0.014%
217	11.847	11.832	11.877	PH	3341	-386	-0.00%	-0.000%
218	11.888	11.877	11.908	PH	-2232	-43359	-0.33%	-0.027%
219	11.926	11.908	11.947	PH	-1871	-49860	-0.38%	-0.031%
220	11.989	11.947	12.005	PH	-454	-48396	-0.37%	-0.030%
221	12.021	12.005	12.043	PH	668	-12972	-0.10%	-0.008%
222	12.074	12.043	12.105	PH	4621	35512	0.27%	0.022%
223	12.110	12.105	12.119	PH	-1422	-12298	-0.09%	-0.008%
224	12.140	12.119	12.161	PH	1199	-11147	-0.09%	-0.007%
225	12.171	12.161	12.186	PH	-1438	-24201	-0.19%	-0.015%
226	12.242	12.186	12.307	PH	145841	1817786	14.02%	1.135%
227	12.322	12.307	12.355	PH	-189	-17854	-0.14%	-0.011%
228	12.367	12.355	12.380	PH	-758	-13056	-0.10%	-0.008%
229	12.396	12.380	12.427	PH	-236	-15176	-0.12%	-0.009%
230	12.455	12.427	12.497	PH	2052	-3906	-0.03%	-0.002%
231	12.516	12.497	12.528	PH	-87	-12888	-0.10%	-0.008%
232	12.566	12.528	12.588	PH	4700	56992	0.44%	0.036%
233	12.633	12.588	12.662	PH	705323	8425968	64.98%	5.261%
234	12.683	12.662	12.733	HH	30649	329161	2.54%	0.206%
235	12.744	12.733	12.766	PH	-902	-22949	-0.18%	-0.014%
236	12.778	12.766	12.795	PH	-1012	-20029	-0.15%	-0.013%
237	12.817	12.795	12.830	PH	-433	-17997	-0.14%	-0.011%
238	12.880	12.830	12.915	PH	2132	28031	0.22%	0.018%
239	12.921	12.915	12.946	PH	-491	-14402	-0.11%	-0.009%
240	12.949	12.946	12.954	PH	-961	-4942	-0.04%	-0.003%
241	12.981	12.954	13.006	PH	28235	284729	2.20%	0.178%
242	13.037	13.006	13.056	PH	2218	32975	0.25%	0.021%
243	13.071	13.056	13.099	PH	1602	9969	0.08%	0.006%
244	13.120	13.099	13.140	PH	178	-7106	-0.05%	-0.004%
245	13.155	13.140	13.165	PH	223	-2498	-0.02%	-0.002%
246	13.181	13.165	13.208	PH	334	-6252	-0.05%	-0.004%

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247	13.250	13.208	13.278	PH	15450	188602	1.45%	0.118%
248	13.302	13.278	13.368	HH	13366	228142	1.76%	0.142%
249	13.380	13.368	13.395	HH	1050	11828	0.09%	0.007%
250	13.433	13.395	13.443	HH	4576	66287	0.51%	0.041%
251	13.471	13.443	13.526	HH	108085	1330413	10.26%	0.831%
252	13.571	13.526	13.611	HH	6492	114322	0.88%	0.071%
253	13.637	13.611	13.655	HH	945	14373	0.11%	0.009%
254	13.683	13.655	13.703	HH	6736	92366	0.71%	0.058%
255	13.718	13.703	13.738	HH	3636	41137	0.32%	0.026%
256	13.777	13.738	13.793	HH	657	14224	0.11%	0.009%
257	13.832	13.793	13.868	HH	659805	8321832	64.18%	5.196%
258	13.888	13.868	13.923	HH	3125	33334	0.26%	0.021%
259	13.958	13.923	13.983	PH	142	-4065	-0.03%	-0.003%
260	14.029	13.983	14.058	PH	2051	19809	0.15%	0.012%
261	14.067	14.058	14.121	HH	443	4645	0.04%	0.003%
262	14.151	14.121	14.166	PH	188	-1495	-0.01%	-0.001%
263	14.189	14.166	14.195	PH	1164	10934	0.08%	0.007%
264	14.211	14.195	14.231	HH	2870	35780	0.28%	0.022%
265	14.263	14.231	14.286	HH	1484	29628	0.23%	0.019%
266	14.303	14.286	14.334	HH	2101	29093	0.22%	0.018%
267	14.392	14.334	14.420	PH	5021	85051	0.66%	0.053%
268	14.442	14.420	14.461	HH	8548	113391	0.87%	0.071%
269	14.483	14.461	14.528	HH	3705	91501	0.71%	0.057%
270	14.548	14.528	14.568	HH	5435	71926	0.55%	0.045%
271	14.604	14.568	14.637	HH	6202	108749	0.84%	0.068%
272	14.669	14.637	14.690	HH	1515	32406	0.25%	0.020%
273	14.731	14.690	14.800	HH	524220	7212560	55.62%	4.504%
274	14.811	14.800	14.831	HH	2005	31907	0.25%	0.020%
275	14.858	14.831	14.878	HH	14942	192028	1.48%	0.120%
276	14.935	14.878	14.988	HH	629828	8288368	63.92%	5.175%
277	14.993	14.988	14.996	HH	891	4092	0.03%	0.003%
278	15.021	14.996	15.047	HH	3845	65053	0.50%	0.041%
279	15.064	15.047	15.082	HH	1582	27333	0.21%	0.017%
280	15.097	15.082	15.112	HH	1613	24819	0.19%	0.015%
281	15.126	15.112	15.141	HH	1355	20716	0.16%	0.013%
282	15.158	15.141	15.187	HH	2023	46447	0.36%	0.029%
283	15.198	15.187	15.210	HH	1714	22636	0.17%	0.014%
284	15.214	15.210	15.234	HH	1625	20368	0.16%	0.013%
285	15.254	15.234	15.272	HH	1572	31568	0.24%	0.020%
286	15.304	15.272	15.396	HH	53068	777623	6.00%	0.486%
287	15.408	15.396	15.421	HH	1277	18761	0.14%	0.012%
288	15.449	15.421	15.483	HH	4576	110860	0.85%	0.069%
289	15.490	15.483	15.507	HH	2616	34272	0.26%	0.021%
290	15.531	15.507	15.552	HH	6087	94639	0.73%	0.059%
291	15.571	15.552	15.596	HH	3927	77172	0.60%	0.048%
292	15.613	15.596	15.629	HH	2736	48136	0.37%	0.030%
293	15.638	15.629	15.650	HH	2356	28665	0.22%	0.018%
294	15.672	15.650	15.681	HH	3829	58370	0.45%	0.036%
295	15.697	15.681	15.726	HH	4252	93456	0.72%	0.058%
296	15.742	15.726	15.759	HH	2674	48623	0.37%	0.030%
297	15.771	15.759	15.794	HH	2490	45081	0.35%	0.028%
298	15.819	15.794	15.841	HH	3610	72669	0.56%	0.045%
299	15.858	15.841	15.876	HH	2222	41757	0.32%	0.026%

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300	15.887	15.876	15.904	HH	2075	33507	0.26%	0.021%
301	15.956	15.904	16.006	HH	599872	7985627	61.59%	4.986%
302	16.015	16.006	16.041	HH	2178	42205	0.33%	0.026%
303	16.048	16.041	16.072	HH	1944	35455	0.27%	0.022%
304	16.098	16.072	16.103	HH	2171	36306	0.28%	0.023%
305	16.139	16.103	16.166	HH	3825	114070	0.88%	0.071%
306	16.171	16.166	16.182	HH	2773	24505	0.19%	0.015%
307	16.197	16.182	16.214	HH	2947	53556	0.41%	0.033%
308	16.245	16.214	16.265	HH	3399	89740	0.69%	0.056%
309	16.317	16.265	16.364	HH	7267	239348	1.85%	0.149%
310	16.415	16.364	16.465	HH	13866	416675	3.21%	0.260%
311	16.473	16.465	16.481	HH	2773	26378	0.20%	0.016%
312	16.513	16.481	16.526	HH	3951	89699	0.69%	0.056%
313	16.546	16.526	16.615	HH	5257	197579	1.52%	0.123%
314	16.631	16.615	16.640	HH	3013	44126	0.34%	0.028%
315	16.674	16.640	16.701	HH	6763	161638	1.25%	0.101%
316	16.734	16.701	16.761	HH	10943	218500	1.69%	0.136%
317	16.791	16.761	16.831	HH	13439	263180	2.03%	0.164%
318	16.906	16.831	16.934	HH	562284	8015456	61.82%	5.005%
319	16.953	16.934	16.996	HH	24694	431728	3.33%	0.270%
320	17.037	16.996	17.070	HH	4564	175744	1.36%	0.110%
321	17.095	17.070	17.116	HH	4371	108787	0.84%	0.068%
322	17.160	17.116	17.216	HH	5471	272745	2.10%	0.170%
323	17.257	17.216	17.279	HH	6141	186434	1.44%	0.116%
324	17.293	17.279	17.307	HH	4962	79163	0.61%	0.049%
325	17.351	17.307	17.396	HH	15548	399018	3.08%	0.249%
326	17.401	17.396	17.421	HH	4680	67284	0.52%	0.042%
327	17.449	17.421	17.486	HH	5930	203558	1.57%	0.127%
328	17.491	17.486	17.511	HH	4903	70565	0.54%	0.044%
329	17.524	17.511	17.537	HH	4572	70810	0.55%	0.044%
330	17.565	17.537	17.570	HH	4711	89578	0.69%	0.056%
331	17.573	17.570	17.591	HH	4716	57861	0.45%	0.036%
332	17.607	17.591	17.616	HH	4741	68697	0.53%	0.043%
333	17.638	17.616	17.658	HH	5208	122821	0.95%	0.077%
334	17.679	17.658	17.691	HH	4968	96552	0.74%	0.060%
335	17.712	17.691	17.721	HH	5240	93676	0.72%	0.058%
336	17.794	17.721	17.863	HH	568542	8158705	62.92%	5.094%
337	17.881	17.863	17.909	HH	6708	170051	1.31%	0.106%
338	17.949	17.909	17.985	HH	6140	260517	2.01%	0.163%
339	18.017	17.985	18.040	HH	6364	194129	1.50%	0.121%
340	18.069	18.040	18.091	HH	7893	205545	1.59%	0.128%
341	18.141	18.091	18.186	HH	38055	867370	6.69%	0.542%
342	18.211	18.186	18.271	HH	24549	573546	4.42%	0.358%
343	18.301	18.271	18.317	HH	9012	215499	1.66%	0.135%
344	18.325	18.317	18.382	HH	8222	282528	2.18%	0.176%
345	18.412	18.382	18.440	HH	12183	291585	2.25%	0.182%
346	18.473	18.440	18.494	HH	7615	232747	1.79%	0.145%
347	18.544	18.494	18.578	HH	8774	391092	3.02%	0.244%
348	18.628	18.578	18.689	HH	517831	7917438	61.06%	4.944%
349	18.727	18.689	18.753	HH	10316	334964	2.58%	0.209%
350	18.781	18.753	18.811	HH	11431	321732	2.48%	0.201%
351	18.850	18.811	18.864	HH	8554	258891	2.00%	0.162%

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352	18.884	18.864	18.908	HH	9079	231975	1.79%	0.145%
353	18.927	18.908	18.940	HH	8831	163639	1.26%	0.102%
354	18.970	18.940	18.995	HH	23409	494250	3.81%	0.309%
355	19.020	18.995	19.073	HH	26979	690162	5.32%	0.431%
356	19.115	19.073	19.169	HH	10749	565425	4.36%	0.353%
357	19.214	19.169	19.235	HH	10734	393843	3.04%	0.246%
358	19.259	19.235	19.291	HH	10628	335991	2.59%	0.210%
359	19.314	19.291	19.332	HH	10177	238361	1.84%	0.149%
360	19.341	19.332	19.347	HH	9833	85920	0.66%	0.054%
361	19.411	19.347	19.453	HH	446947	7105783	54.80%	4.437%
362	19.476	19.453	19.486	HH	12988	239748	1.85%	0.150%
363	19.504	19.486	19.536	HH	13884	367706	2.84%	0.230%
364	19.571	19.536	19.599	HH	12993	434940	3.35%	0.272%
365	19.640	19.599	19.668	HH	12655	481066	3.71%	0.300%
366	19.693	19.668	19.698	HH	12195	219318	1.69%	0.137%
367	19.704	19.698	19.728	HH	12132	212696	1.64%	0.133%
368	19.749	19.728	19.756	HH	13298	211483	1.63%	0.132%
369	19.780	19.756	19.837	HH	20882	710356	5.48%	0.444%
370	19.881	19.837	19.909	HH	12733	515608	3.98%	0.322%
371	19.949	19.909	19.968	HH	13879	455194	3.51%	0.284%
372	20.029	19.968	20.084	HH	14525	962441	7.42%	0.601%
373	20.151	20.084	20.192	HH	403072	6548753	50.51%	4.089%
374	20.201	20.192	20.235	HH	15672	386543	2.98%	0.241%
375	20.303	20.235	20.345	HH	18726	1028566	7.93%	0.642%
376	20.375	20.345	20.391	HH	14940	399459	3.08%	0.249%
377	20.415	20.391	20.441	HH	15507	454028	3.50%	0.284%
378	20.461	20.441	20.466	HH	15035	223269	1.72%	0.139%
379	20.504	20.466	20.535	HH	21255	720790	5.56%	0.450%
380	20.544	20.535	20.574	HH	16274	369555	2.85%	0.231%
381	20.610	20.574	20.632	HH	15800	529027	4.08%	0.330%
382	20.688	20.632	20.721	HH	16916	850001	6.56%	0.531%
383	20.728	20.721	20.733	HH	15798	115880	0.89%	0.072%
384	20.749	20.733	20.761	HH	15880	263708	2.03%	0.165%
385	20.793	20.761	20.836	HH	16681	724758	5.59%	0.453%
386	20.896	20.836	21.040	HH	303880	7088892	54.67%	4.426%
387	21.052	21.040	21.120	HH	15087	709046	5.47%	0.443%
388	21.136	21.120	21.141	HH	14694	189759	1.46%	0.118%
389	21.161	21.141	21.195	HH	14899	468797	3.62%	0.293%
390	21.239	21.195	21.284	HH	15846	813853	6.28%	0.508%
391	21.326	21.284	21.429	HH	19270	1398563	10.79%	0.873%
392	21.457	21.429	21.521	HH	14737	796813	6.15%	0.498%
393	21.525	21.521	21.530	HH	14142	79129	0.61%	0.049%
394	21.550	21.530	21.558	HH	14295	236673	1.83%	0.148%
395	21.562	21.558	21.594	HH	14345	304592	2.35%	0.190%
396	21.633	21.594	21.657	HH	14672	540834	4.17%	0.338%
397	21.703	21.657	21.751	HH	21939	982290	7.58%	0.613%
398	21.824	21.751	21.921	HHA	222589	6460443	49.82%	4.034%
					Sum of corrected areas:		160149124	