

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093021\
 Data File : FF009044.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2021 16:50
 Sample : M3976-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090721.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.354	2.340	2.364	BH	28	-557	-0.01%	-0.000%
2	2.375	2.364	2.395	PH	278	1185	0.02%	0.000%
3	2.404	2.395	2.415	PH	-14	-953	-0.01%	-0.000%
4	2.432	2.415	2.449	PH	37	-601	-0.01%	-0.000%
5	2.453	2.449	2.457	PH	-26	-361	-0.01%	-0.000%
6	2.481	2.457	2.494	PH	-2	-1725	-0.03%	-0.000%
7	2.517	2.494	2.535	PH	51	-498	-0.01%	-0.000%
8	2.547	2.535	2.586	PH	1108	10464	0.16%	0.002%
9	2.605	2.586	2.629	PH	791	6569	0.10%	0.001%
10	2.642	2.629	2.650	HH	770	5726	0.09%	0.001%
11	2.657	2.650	2.675	HH	768	6433	0.10%	0.001%
12	2.679	2.675	2.695	HH	242	1098	0.02%	0.000%
13	2.710	2.695	2.726	PH	128	-903	-0.01%	-0.000%
14	2.735	2.726	2.765	PH	56	-2698	-0.04%	-0.000%
15	2.776	2.765	2.795	PH	-77	-2501	-0.04%	-0.000%
16	2.800	2.795	2.810	PH	-90	-1627	-0.03%	-0.000%
17	2.837	2.810	2.854	PH	-14	-3496	-0.05%	-0.001%
18	2.860	2.854	2.865	PH	-119	-1118	-0.02%	-0.000%
19	2.876	2.865	2.900	PH	-52	-3502	-0.05%	-0.001%
20	2.929	2.900	2.954	PH	509	701	0.01%	0.000%
21	2.960	2.954	2.970	PH	-153	-2089	-0.03%	-0.000%
22	2.995	2.970	3.030	PH	119	-4876	-0.08%	-0.001%
23	3.035	3.030	3.042	PH	-105	-1143	-0.02%	-0.000%
24	3.055	3.042	3.071	PH	-27	-2106	-0.03%	-0.000%
25	3.086	3.071	3.097	PH	931	6359	0.10%	0.001%
26	3.108	3.097	3.130	HH	1409	12735	0.20%	0.002%
27	3.140	3.130	3.145	HH	213	1109	0.02%	0.000%
28	3.151	3.145	3.170	HH	209	983	0.02%	0.000%
29	3.185	3.170	3.214	PH	512	2318	0.04%	0.000%
30	3.228	3.214	3.265	PH	24	-5107	-0.08%	-0.001%
31	3.280	3.265	3.312	PH	2116	14610	0.23%	0.002%
32	3.326	3.312	3.388	PH	1275	8620	0.13%	0.001%
33	3.401	3.388	3.446	PH	443	-3185	-0.05%	-0.001%
34	3.454	3.446	3.491	PH	-44	-6546	-0.10%	-0.001%
35	3.506	3.491	3.540	PH	-158	-8174	-0.13%	-0.001%
36	3.552	3.540	3.558	PH	-276	-3277	-0.05%	-0.001%

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37	3.570	3.558	3.581	PH	-165	-3736	-0.06%	-0.001%
38	3.600	3.581	3.624	PH	-17	-6875	-0.11%	-0.001%
39	3.687	3.624	3.694	PH	-21	-12848	-0.20%	-0.002%
40	3.706	3.694	3.744	PH	136	-3779	-0.06%	-0.001%
41	3.748	3.744	3.762	PH	-259	-3352	-0.05%	-0.001%
42	3.776	3.762	3.807	PH	206	-4073	-0.06%	-0.001%
43	3.817	3.807	3.837	PH	-251	-6384	-0.10%	-0.001%
44	3.871	3.837	3.877	PH	-165	-7147	-0.11%	-0.001%
45	3.880	3.877	3.890	PH	-126	-1483	-0.02%	-0.000%
46	3.901	3.890	3.939	PH	74	-6241	-0.10%	-0.001%
47	3.949	3.939	3.962	PH	-216	-4461	-0.07%	-0.001%
48	3.986	3.962	4.040	PH	315	-8668	-0.13%	-0.001%
49	4.070	4.040	4.090	PH	8542	77568	1.20%	0.013%
50	4.107	4.090	4.144	HH	4250	50905	0.79%	0.009%
51	4.155	4.144	4.190	HH	294	1141	0.02%	0.000%
52	4.193	4.190	4.198	PH	-145	-802	-0.01%	-0.000%
53	4.209	4.198	4.214	PH	98	-226	-0.00%	-0.000%
54	4.226	4.214	4.260	HH	3295	41714	0.64%	0.007%
55	4.269	4.260	4.287	HH	738	6888	0.11%	0.001%
56	4.299	4.287	4.315	HH	232	3427	0.05%	0.001%
57	4.324	4.315	4.358	HH	360	2361	0.04%	0.000%
58	4.362	4.358	4.366	PH	-19	-316	-0.00%	-0.000%
59	4.390	4.366	4.396	PH	214	1298	0.02%	0.000%
60	4.430	4.396	4.445	HH	420	8503	0.13%	0.001%
61	4.473	4.445	4.495	HH	1508	22889	0.35%	0.004%
62	4.523	4.495	4.538	HH	1239	21509	0.33%	0.004%
63	4.568	4.538	4.604	HH	1407	41206	0.64%	0.007%
64	4.621	4.604	4.644	HH	3417	29240	0.45%	0.005%
65	4.647	4.644	4.667	PH	135	-1168	-0.02%	-0.000%
66	4.695	4.667	4.713	PH	263	482	0.01%	0.000%
67	4.727	4.713	4.745	PH	-70	-3477	-0.05%	-0.001%
68	4.761	4.745	4.783	PH	668	1844	0.03%	0.000%
69	4.817	4.783	4.840	PH	719	4733	0.07%	0.001%
70	4.861	4.840	4.877	PH	1393	12726	0.20%	0.002%
71	4.891	4.877	4.928	HH	305	971	0.01%	0.000%
72	4.934	4.928	4.942	PH	-177	-1710	-0.03%	-0.000%
73	4.945	4.942	4.950	PH	-225	-1172	-0.02%	-0.000%
74	4.956	4.950	4.964	PH	-165	-2142	-0.03%	-0.000%
75	4.969	4.964	4.985	PH	-202	-4024	-0.06%	-0.001%
76	5.006	4.985	5.016	PH	-203	-5789	-0.09%	-0.001%
77	5.029	5.016	5.036	PH	-44	-1548	-0.02%	-0.000%
78	5.067	5.036	5.085	PH	1529	19213	0.30%	0.003%
79	5.094	5.085	5.139	HH	571	1721	0.03%	0.000%
80	5.163	5.139	5.180	PH	524	1684	0.03%	0.000%
81	5.208	5.180	5.236	PH	708	9739	0.15%	0.002%
82	5.248	5.236	5.263	PH	-170	-3631	-0.06%	-0.001%
83	5.284	5.263	5.305	PH	135	-2811	-0.04%	-0.000%
84	5.331	5.305	5.359	PH	1968	14424	0.22%	0.002%
85	5.389	5.359	5.425	PH	911	4742	0.07%	0.001%
86	5.434	5.425	5.447	PH	-142	-3149	-0.05%	-0.001%
87	5.459	5.447	5.492	PH	-147	-8312	-0.13%	-0.001%
88	5.512	5.492	5.536	PH	240	-3426	-0.05%	-0.001%
89	5.568	5.536	5.615	PH	2618	32421	0.50%	0.006%

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90	5.625	5.615	5.642	PH	191	1010	0.02%	0.000%
91	5.666	5.642	5.682	PH	184	261	0.00%	0.000%
92	5.702	5.682	5.721	PH	560	4173	0.06%	0.001%
93	5.747	5.721	5.771	PH	1897	19455	0.30%	0.003%
94	5.791	5.771	5.805	HH	323	3681	0.06%	0.001%
95	5.816	5.805	5.836	HH	314	2427	0.04%	0.000%
96	5.851	5.836	5.869	PH	258	645	0.01%	0.000%
97	5.884	5.869	5.896	PH	166	244	0.00%	0.000%
98	5.922	5.896	5.949	PH	1136	16630	0.26%	0.003%
99	5.960	5.949	5.985	HH	522	6121	0.09%	0.001%
100	5.996	5.985	6.000	HH	113	603	0.01%	0.000%
101	6.014	6.000	6.031	HH	584	6994	0.11%	0.001%
102	6.054	6.031	6.059	HH	1588	17855	0.28%	0.003%
103	6.069	6.059	6.094	HH	2022	22997	0.35%	0.004%
104	6.119	6.094	6.188	HH	180804	1821102	28.11%	0.310%
105	6.203	6.188	6.231	HH	3706	71013	1.10%	0.012%
106	6.240	6.231	6.253	HH	1930	23532	0.36%	0.004%
107	6.283	6.253	6.320	HH	3259	84386	1.30%	0.014%
108	6.337	6.320	6.354	HH	2728	39649	0.61%	0.007%
109	6.359	6.354	6.365	HH	1591	9492	0.15%	0.002%
110	6.376	6.365	6.401	HH	1618	27824	0.43%	0.005%
111	6.407	6.401	6.419	HH	956	9570	0.15%	0.002%
112	6.422	6.419	6.433	HH	986	7767	0.12%	0.001%
113	6.450	6.433	6.466	HH	1284	22450	0.35%	0.004%
114	6.487	6.466	6.504	HH	1427	25751	0.40%	0.004%
115	6.509	6.504	6.546	HH	963	18150	0.28%	0.003%
116	6.573	6.546	6.597	HH	813	17857	0.28%	0.003%
117	6.638	6.597	6.668	HH	1652	34625	0.53%	0.006%
118	6.688	6.668	6.703	HH	889	13864	0.21%	0.002%
119	6.728	6.703	6.747	HH	744	14219	0.22%	0.002%
120	6.769	6.747	6.794	HH	817	14522	0.22%	0.002%
121	6.820	6.794	6.849	HH	679	13092	0.20%	0.002%
122	6.871	6.849	6.877	HH	495	5071	0.08%	0.001%
123	6.883	6.877	6.914	HH	461	7067	0.11%	0.001%
124	6.927	6.914	6.937	HH	330	4024	0.06%	0.001%
125	6.955	6.937	6.979	HH	1209	21470	0.33%	0.004%
126	7.009	6.979	7.076	HH	4225	122690	1.89%	0.021%
127	7.083	7.076	7.108	HH	1169	20444	0.32%	0.003%
128	7.124	7.108	7.138	HH	1640	22890	0.35%	0.004%
129	7.146	7.138	7.155	HH	1167	11943	0.18%	0.002%
130	7.167	7.155	7.181	HH	1487	19075	0.29%	0.003%
131	7.190	7.181	7.238	HH	1490	27343	0.42%	0.005%
132	7.259	7.238	7.274	HH	1184	16357	0.25%	0.003%
133	7.286	7.274	7.334	HH	887	16941	0.26%	0.003%
134	7.339	7.334	7.363	HH	349	3577	0.06%	0.001%
135	7.382	7.363	7.395	HH	384	4524	0.07%	0.001%
136	7.413	7.395	7.457	HH	1012	16222	0.25%	0.003%
137	7.483	7.457	7.495	HH	244	4094	0.06%	0.001%
138	7.499	7.495	7.505	HH	224	1196	0.02%	0.000%
139	7.537	7.505	7.541	HH	413	6003	0.09%	0.001%
140	7.546	7.541	7.565	HH	406	4209	0.06%	0.001%
141	7.581	7.565	7.619	HH	423	6613	0.10%	0.001%

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142	7.640	7.619	7.660	HH	338	3522	0.05%	0.001%
143	7.676	7.660	7.684	PH	223	2402	0.04%	0.000%
144	7.703	7.684	7.732	HH	1761	22331	0.34%	0.004%
145	7.779	7.732	7.808	HH	4102	61446	0.95%	0.010%
146	7.823	7.808	7.833	HH	1278	15738	0.24%	0.003%
147	7.843	7.833	7.849	HH	1027	9162	0.14%	0.002%
148	7.868	7.849	7.890	HH	2648	39272	0.61%	0.007%
149	7.894	7.890	7.923	HH	952	13091	0.20%	0.002%
150	7.927	7.923	7.931	HH	500	2442	0.04%	0.000%
151	7.936	7.931	7.944	HH	530	3542	0.05%	0.001%
152	7.947	7.944	7.959	HH	484	4116	0.06%	0.001%
153	7.976	7.959	7.994	HH	747	12886	0.20%	0.002%
154	8.018	7.994	8.053	HH	2413	47324	0.73%	0.008%
155	8.067	8.053	8.086	HH	969	15843	0.24%	0.003%
156	8.107	8.086	8.155	HH	1738	49898	0.77%	0.008%
157	8.178	8.155	8.200	HH	2015	39303	0.61%	0.007%
158	8.221	8.200	8.232	HH	3387	44818	0.69%	0.008%
159	8.250	8.232	8.266	HH	5383	76594	1.18%	0.013%
160	8.281	8.266	8.331	HH	4171	97757	1.51%	0.017%
161	8.347	8.331	8.361	HH	2402	36435	0.56%	0.006%
162	8.370	8.361	8.384	HH	2080	27368	0.42%	0.005%
163	8.406	8.384	8.438	HH	5947	109094	1.68%	0.019%
164	8.456	8.438	8.480	HH	2743	56857	0.88%	0.010%
165	8.494	8.480	8.540	HH	2491	76550	1.18%	0.013%
166	8.564	8.540	8.597	HH	3281	88436	1.37%	0.015%
167	8.608	8.597	8.627	HH	2256	38756	0.60%	0.007%
168	8.651	8.627	8.674	HH	3848	87205	1.35%	0.015%
169	8.699	8.674	8.717	HH	7118	124992	1.93%	0.021%
170	8.730	8.717	8.737	HH	4805	53836	0.83%	0.009%
171	8.751	8.737	8.777	HH	6668	130272	2.01%	0.022%
172	8.787	8.777	8.798	HH	4484	53457	0.83%	0.009%
173	8.816	8.798	8.844	HH	5939	128356	1.98%	0.022%
174	8.853	8.844	8.869	HH	4092	59016	0.91%	0.010%
175	8.884	8.869	8.897	HH	4215	69263	1.07%	0.012%
176	8.938	8.897	8.958	HH	5520	174581	2.69%	0.030%
177	8.971	8.958	8.984	HH	5581	81251	1.25%	0.014%
178	9.008	8.984	9.048	HH	7061	229639	3.54%	0.039%
179	9.074	9.048	9.084	HH	5859	121614	1.88%	0.021%
180	9.103	9.084	9.120	HH	8513	152205	2.35%	0.026%
181	9.148	9.120	9.163	HH	6909	161706	2.50%	0.028%
182	9.186	9.163	9.221	HH	6725	223062	3.44%	0.038%
183	9.264	9.221	9.273	HH	7816	217541	3.36%	0.037%
184	9.294	9.273	9.303	HH	8419	144473	2.23%	0.025%
185	9.318	9.303	9.334	HH	8494	151441	2.34%	0.026%
186	9.349	9.334	9.361	HH	8559	133510	2.06%	0.023%
187	9.398	9.361	9.410	HH	9621	255500	3.94%	0.043%
188	9.428	9.410	9.461	HH	11442	319141	4.93%	0.054%
189	9.482	9.461	9.495	HH	14577	246614	3.81%	0.042%
190	9.503	9.495	9.534	HH	12847	275645	4.25%	0.047%
191	9.559	9.534	9.571	HH	11586	249281	3.85%	0.042%
192	9.631	9.571	9.651	HH	14151	614693	9.49%	0.105%
193	9.664	9.651	9.679	HH	13326	216038	3.33%	0.037%
194	9.707	9.679	9.732	HH	14971	455867	7.04%	0.078%

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195	9.758	9.732	9.784	HH	31248	641126	9.90%	0.109%
196	9.820	9.784	9.848	HH	19260	675959	10.43%	0.115%
197	9.880	9.848	9.890	HH	19297	456908	7.05%	0.078%
198	9.900	9.890	9.920	HH	19788	338380	5.22%	0.058%
199	9.927	9.920	9.956	HH	19030	411000	6.34%	0.070%
200	9.990	9.956	10.004	HH	20744	566785	8.75%	0.096%
201	10.015	10.004	10.031	HH	20996	339564	5.24%	0.058%
202	10.056	10.031	10.069	HH	22803	482075	7.44%	0.082%
203	10.100	10.069	10.115	HH	25814	673714	10.40%	0.115%
204	10.122	10.115	10.138	HH	23926	319812	4.94%	0.054%
205	10.159	10.138	10.173	HH	27385	532897	8.23%	0.091%
206	10.190	10.173	10.205	HH	26089	500100	7.72%	0.085%
207	10.227	10.205	10.239	HH	29975	578259	8.93%	0.098%
208	10.244	10.239	10.252	HH	29273	211373	3.26%	0.036%
209	10.275	10.252	10.290	HH	30446	676948	10.45%	0.115%
210	10.331	10.290	10.345	HH	33449	1045571	16.14%	0.178%
211	10.367	10.345	10.387	HH	36059	880562	13.59%	0.150%
212	10.408	10.387	10.445	HH	43115	1281375	19.78%	0.218%
213	10.469	10.445	10.495	HH	56711	1320177	20.38%	0.225%
214	10.530	10.495	10.545	HH	64693	1484180	22.91%	0.253%
215	10.558	10.545	10.571	HH	57222	831039	12.83%	0.141%
216	10.584	10.571	10.590	HH	52725	559097	8.63%	0.095%
217	10.601	10.590	10.636	HH	55956	1349121	20.82%	0.230%
218	10.690	10.636	10.708	HH	58049	2211961	34.14%	0.376%
219	10.725	10.708	10.740	HH	62203	1100154	16.98%	0.187%
220	10.745	10.740	10.765	HH	54628	786733	12.14%	0.134%
221	10.789	10.765	10.813	HH	73713	1706236	26.34%	0.290%
222	10.847	10.813	10.864	HH	64779	1796156	27.72%	0.306%
223	10.886	10.864	10.932	HH	110208	2922230	45.11%	0.497%
224	10.960	10.932	10.988	HH	77506	2189019	33.79%	0.373%
225	11.015	10.988	11.035	HH	63720	1754734	27.08%	0.299%
226	11.051	11.035	11.060	HH	65362	959460	14.81%	0.163%
227	11.061	11.060	11.078	HH	64691	704216	10.87%	0.120%
228	11.102	11.078	11.119	HH	67738	1612415	24.89%	0.274%
229	11.134	11.119	11.146	HH	68346	1091546	16.85%	0.186%
230	11.180	11.146	11.218	HH	73596	3031370	46.79%	0.516%
231	11.228	11.218	11.245	HH	74050	1161729	17.93%	0.198%
232	11.258	11.245	11.275	HH	74553	1340480	20.69%	0.228%
233	11.317	11.275	11.327	HH	78168	2390689	36.90%	0.407%
234	11.343	11.327	11.360	HH	80214	1536642	23.72%	0.262%
235	11.412	11.360	11.431	HH	92547	3640660	56.19%	0.620%
236	11.436	11.431	11.438	HH	81280	335811	5.18%	0.057%
237	11.443	11.438	11.456	HH	81516	859392	13.26%	0.146%
238	11.479	11.456	11.494	HH	87417	1899416	29.32%	0.323%
239	11.505	11.494	11.519	HH	86632	1310041	20.22%	0.223%
240	11.541	11.519	11.564	HH	93429	2347767	36.24%	0.400%
241	11.585	11.564	11.597	HH	93773	1820660	28.10%	0.310%
242	11.601	11.597	11.609	HH	92471	649256	10.02%	0.111%
243	11.617	11.609	11.622	HH	94413	741302	11.44%	0.126%
244	11.628	11.622	11.639	HH	95008	933389	14.41%	0.159%
245	11.652	11.639	11.662	HH	93572	1295407	19.99%	0.220%
246	11.665	11.662	11.669	HH	92106	392841	6.06%	0.067%

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247	11.688	11.669	11.703	HH	106756	2046788	31.59%	0.348%
248	11.720	11.703	11.759	HH	111450	3474722	53.63%	0.591%
249	11.761	11.759	11.767	HH	98626	491327	7.58%	0.084%
250	11.804	11.767	11.817	HH	111883	3156586	48.72%	0.537%
251	11.834	11.817	11.850	HH	115134	2177216	33.61%	0.371%
252	11.867	11.850	11.899	HH	122232	3288216	50.75%	0.560%
253	11.903	11.899	11.915	HH	103663	948604	14.64%	0.161%
254	11.951	11.915	11.965	HH	111620	3187273	49.20%	0.542%
255	11.979	11.965	11.992	HH	109047	1733362	26.75%	0.295%
256	12.007	11.992	12.014	HH	109688	1455318	22.46%	0.248%
257	12.020	12.014	12.024	HH	110365	621214	9.59%	0.106%
258	12.042	12.024	12.066	HH	123303	2960246	45.69%	0.504%
259	12.087	12.066	12.109	HH	117561	2924737	45.14%	0.498%
260	12.116	12.109	12.121	HH	112655	843334	13.02%	0.144%
261	12.127	12.121	12.134	HH	113456	834083	12.87%	0.142%
262	12.156	12.134	12.177	HH	124729	3034728	46.84%	0.517%
263	12.186	12.177	12.206	HH	112750	1971674	30.43%	0.336%
264	12.246	12.206	12.282	HH	203478	6283474	96.99%	1.069%
265	12.308	12.282	12.325	HH	122875	3072436	47.42%	0.523%
266	12.328	12.325	12.334	HH	119068	662093	10.22%	0.113%
267	12.339	12.334	12.358	HH	119484	1738783	26.84%	0.296%
268	12.372	12.358	12.381	HH	121172	1600152	24.70%	0.272%
269	12.402	12.381	12.412	HH	123956	2273616	35.09%	0.387%
270	12.421	12.412	12.444	HH	124353	2329162	35.95%	0.396%
271	12.449	12.444	12.458	HH	116731	937819	14.48%	0.160%
272	12.480	12.458	12.503	HH	123468	3213863	49.61%	0.547%
273	12.510	12.503	12.521	HH	119498	1321756	20.40%	0.225%
274	12.524	12.521	12.529	HH	119519	581591	8.98%	0.099%
275	12.542	12.529	12.554	HH	121977	1743014	26.90%	0.297%
276	12.588	12.554	12.609	HH	134089	4172363	64.40%	0.710%
277	12.625	12.609	12.639	HH	128996	2327672	35.93%	0.396%
278	12.653	12.639	12.678	HH	125730	2862856	44.19%	0.487%
279	12.706	12.678	12.735	HH	222157	5331891	82.30%	0.908%
280	12.739	12.735	12.744	HH	122736	609267	9.40%	0.104%
281	12.755	12.744	12.762	HH	122783	1342479	20.72%	0.228%
282	12.773	12.762	12.787	HH	123404	1824625	28.16%	0.311%
283	12.799	12.787	12.808	HH	123078	1500424	23.16%	0.255%
284	12.813	12.808	12.823	HH	120929	1075338	16.60%	0.183%
285	12.861	12.823	12.880	HH	125401	4132286	63.78%	0.703%
286	12.909	12.880	12.931	HH	129720	3806252	58.75%	0.648%
287	12.936	12.931	12.957	HH	121667	1912445	29.52%	0.326%
288	12.964	12.957	12.981	HH	123510	1772467	27.36%	0.302%
289	13.007	12.981	13.042	HH	241819	5710883	88.15%	0.972%
290	13.063	13.042	13.076	HH	129144	2552769	39.40%	0.434%
291	13.095	13.076	13.110	HH	123753	2488569	38.41%	0.424%
292	13.115	13.110	13.131	HH	120191	1490122	23.00%	0.254%
293	13.137	13.131	13.145	HH	117756	936770	14.46%	0.159%
294	13.151	13.145	13.155	HH	118690	766036	11.82%	0.130%
295	13.179	13.155	13.184	HH	124622	2062060	31.83%	0.351%
296	13.189	13.184	13.217	HH	124848	2484523	38.35%	0.423%
297	13.221	13.217	13.227	HH	119897	678400	10.47%	0.115%
298	13.235	13.227	13.255	HH	121146	2003008	30.92%	0.341%
299	13.273	13.255	13.289	HH	136309	2664586	41.13%	0.454%

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300	13.296	13.289	13.300	HH	125317	872439	13.47%	0.148%
301	13.306	13.300	13.322	HH	126961	1602971	24.74%	0.273%
302	13.336	13.322	13.346	HH	124543	1781069	27.49%	0.303%
303	13.350	13.346	13.382	HH	120732	2555455	39.44%	0.435%
304	13.397	13.382	13.404	HH	121267	1565240	24.16%	0.266%
305	13.423	13.404	13.441	HH	124766	2690571	41.53%	0.458%
306	13.471	13.441	13.496	HH	143837	4273382	65.96%	0.727%
307	13.500	13.496	13.507	HH	120145	775076	11.96%	0.132%
308	13.510	13.507	13.525	HH	119470	1245451	19.22%	0.212%
309	13.530	13.525	13.539	HH	119370	1006404	15.53%	0.171%
310	13.543	13.539	13.552	HH	119188	946179	14.60%	0.161%
311	13.595	13.552	13.619	HH	137081	5013619	77.39%	0.853%
312	13.624	13.619	13.642	HH	116329	1620124	25.01%	0.276%
313	13.645	13.642	13.651	HH	115308	602693	9.30%	0.103%
314	13.659	13.651	13.671	HH	116238	1369915	21.14%	0.233%
315	13.703	13.671	13.723	HH	123708	3706051	57.20%	0.631%
316	13.741	13.723	13.769	HH	130234	3365244	51.94%	0.573%
317	13.785	13.769	13.803	HH	119785	2358168	36.40%	0.401%
318	13.828	13.803	13.839	HH	118721	2506962	38.70%	0.427%
319	13.846	13.839	13.853	HH	117950	994898	15.36%	0.169%
320	13.873	13.853	13.896	HH	132239	3139763	48.46%	0.534%
321	13.913	13.896	13.957	HH	125350	4227794	65.26%	0.720%
322	13.961	13.957	13.969	HH	109038	798718	12.33%	0.136%
323	13.986	13.969	14.016	HH	113784	3056839	47.18%	0.520%
324	14.055	14.016	14.097	HH	113678	5240100	80.88%	0.892%
325	14.105	14.097	14.132	HH	106159	2237524	34.54%	0.381%
326	14.154	14.132	14.177	HH	104871	2764216	42.67%	0.470%
327	14.183	14.177	14.190	HH	103707	769422	11.88%	0.131%
328	14.196	14.190	14.200	HH	103244	673266	10.39%	0.115%
329	14.223	14.200	14.240	HH	108155	2456524	37.92%	0.418%
330	14.243	14.240	14.256	HH	104942	1042183	16.09%	0.177%
331	14.260	14.256	14.269	HH	103140	774060	11.95%	0.132%
332	14.292	14.269	14.314	HH	108009	2874241	44.36%	0.489%
333	14.331	14.314	14.375	HH	112539	3804554	58.72%	0.648%
334	14.380	14.375	14.398	HH	99523	1337797	20.65%	0.228%
335	14.424	14.398	14.447	HH	100416	2896328	44.71%	0.493%
336	14.453	14.447	14.468	HH	98175	1232992	19.03%	0.210%
337	14.472	14.468	14.482	HH	96424	787541	12.16%	0.134%
338	14.512	14.482	14.550	HH	104556	4037306	62.32%	0.687%
339	14.570	14.550	14.602	HH	108332	3054232	47.14%	0.520%
340	14.634	14.602	14.686	HH	100246	4736470	73.11%	0.806%
341	14.722	14.686	14.770	HH	243886	6478670	100.00%	1.103%
342	14.781	14.770	14.789	HH	87570	994219	15.35%	0.169%
343	14.793	14.789	14.800	HH	86891	517729	7.99%	0.088%
344	14.820	14.800	14.850	HH	87592	2581496	39.85%	0.439%
345	14.883	14.850	14.903	HH	142270	3311937	51.12%	0.564%
346	14.924	14.903	14.951	HH	146090	3129112	48.30%	0.533%
347	14.965	14.951	14.978	HH	84559	1336821	20.63%	0.228%
348	14.986	14.978	14.995	HH	80891	801875	12.38%	0.136%
349	15.006	14.995	15.020	HH	80559	1197698	18.49%	0.204%
350	15.045	15.020	15.102	HH	89963	3965910	61.21%	0.675%
351	15.113	15.102	15.124	HH	77437	992405	15.32%	0.169%

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352	15.127	15.124	15.152	HH	76176	1243690	19.20%	0.212%
353	15.157	15.152	15.165	HH	72323	557921	8.61%	0.095%
354	15.188	15.165	15.221	HH	79692	2555958	39.45%	0.435%
355	15.234	15.221	15.251	HH	74240	1302105	20.10%	0.222%
356	15.267	15.251	15.282	HH	72443	1360588	21.00%	0.232%
357	15.308	15.282	15.355	HH	129781	3883789	59.95%	0.661%
358	15.359	15.355	15.362	HH	72127	300621	4.64%	0.051%
359	15.366	15.362	15.387	HH	72497	1075010	16.59%	0.183%
360	15.394	15.387	15.404	HH	69494	709753	10.96%	0.121%
361	15.414	15.404	15.423	HH	69578	747750	11.54%	0.127%
362	15.465	15.423	15.491	HH	89205	3082059	47.57%	0.525%
363	15.527	15.491	15.538	HH	74443	1967353	30.37%	0.335%
364	15.554	15.538	15.575	HH	85421	1679181	25.92%	0.286%
365	15.591	15.575	15.624	HH	73739	2021038	31.20%	0.344%
366	15.644	15.624	15.655	HH	67187	1249180	19.28%	0.213%
367	15.660	15.655	15.670	HH	66181	558788	8.63%	0.095%
368	15.718	15.670	15.748	HH	72734	3252490	50.20%	0.554%
369	15.766	15.748	15.773	HH	64646	955507	14.75%	0.163%
370	15.789	15.773	15.808	HH	67507	1378100	21.27%	0.235%
371	15.821	15.808	15.829	HH	65015	792050	12.23%	0.135%
372	15.839	15.829	15.858	HH	66293	1119048	17.27%	0.190%
373	15.869	15.858	15.889	HH	63886	1182379	18.25%	0.201%
374	15.896	15.889	15.903	HH	60689	497148	7.67%	0.085%
375	15.921	15.903	15.930	HH	63341	996548	15.38%	0.170%
376	15.943	15.930	15.964	HH	65041	1297823	20.03%	0.221%
377	15.984	15.964	16.025	HH	62648	2240791	34.59%	0.381%
378	16.048	16.025	16.075	HH	60992	1788435	27.60%	0.304%
379	16.084	16.075	16.089	HH	59644	496975	7.67%	0.085%
380	16.097	16.089	16.118	HH	59253	1003796	15.49%	0.171%
381	16.127	16.118	16.132	HH	59943	504496	7.79%	0.086%
382	16.169	16.132	16.212	HH	64199	2933353	45.28%	0.499%
383	16.235	16.212	16.240	HH	62454	1010720	15.60%	0.172%
384	16.259	16.240	16.282	HH	64811	1588367	24.52%	0.270%
385	16.318	16.282	16.344	HH	77570	2492608	38.47%	0.424%
386	16.349	16.344	16.367	HH	64161	858423	13.25%	0.146%
387	16.374	16.367	16.398	HH	64055	1158323	17.88%	0.197%
388	16.442	16.398	16.459	HH	116668	3026646	46.72%	0.515%
389	16.468	16.459	16.498	HH	84689	1661004	25.64%	0.283%
390	16.514	16.498	16.546	HH	64138	1762256	27.20%	0.300%
391	16.573	16.546	16.599	HH	72059	2061756	31.82%	0.351%
392	16.606	16.599	16.619	HH	61035	694802	10.72%	0.118%
393	16.631	16.619	16.651	HH	61165	1167041	18.01%	0.199%
394	16.657	16.651	16.661	HH	59528	358679	5.54%	0.061%
395	16.665	16.661	16.675	HH	59269	472750	7.30%	0.080%
396	16.700	16.675	16.705	HH	61173	1116153	17.23%	0.190%
397	16.763	16.705	16.793	HH	100099	3749350	57.87%	0.638%
398	16.821	16.793	16.856	HH	107569	2850917	44.00%	0.485%
399	16.890	16.856	16.906	HH	66886	1891627	29.20%	0.322%
400	16.929	16.906	16.956	HH	76541	2128924	32.86%	0.362%
401	16.971	16.956	17.010	HH	64573	2013365	31.08%	0.343%
402	17.027	17.010	17.047	HH	62798	1367530	21.11%	0.233%
403	17.063	17.047	17.068	HH	63747	789659	12.19%	0.134%
404	17.074	17.068	17.105	HH	64159	1394189	21.52%	0.237%

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405	17.119	17.105	17.140	HH	62469	1280219	19.76%	0.218%
406	17.158	17.140	17.164	HH	64247	918544	14.18%	0.156%
407	17.181	17.164	17.185	HH	66517	844342	13.03%	0.144%
408	17.193	17.185	17.210	HH	67043	1001382	15.46%	0.170%
409	17.221	17.210	17.240	HH	65496	1161739	17.93%	0.198%
410	17.257	17.240	17.275	HH	67180	1334731	20.60%	0.227%
411	17.279	17.275	17.302	HH	63858	1038331	16.03%	0.177%
412	17.337	17.302	17.377	HH	74597	2988899	46.13%	0.509%
413	17.403	17.377	17.418	HH	65017	1545127	23.85%	0.263%
414	17.432	17.418	17.454	HH	65464	1390470	21.46%	0.237%
415	17.478	17.454	17.505	HH	68939	1944592	30.02%	0.331%
416	17.524	17.505	17.557	HH	63211	1942676	29.99%	0.331%
417	17.570	17.557	17.593	HH	61586	1321866	20.40%	0.225%
418	17.602	17.593	17.608	HH	60956	554572	8.56%	0.094%
419	17.617	17.608	17.641	HH	62207	1209491	18.67%	0.206%
420	17.658	17.641	17.672	HH	60933	1102583	17.02%	0.188%
421	17.695	17.672	17.718	HH	63392	1714236	26.46%	0.292%
422	17.744	17.718	17.755	HH	65352	1439208	22.21%	0.245%
423	17.775	17.755	17.838	HH	69111	3200823	49.41%	0.545%
424	17.867	17.838	17.895	HH	64989	2155324	33.27%	0.367%
425	17.916	17.895	17.926	HH	65274	1218950	18.81%	0.207%
426	17.961	17.926	18.007	HH	68749	3204972	49.47%	0.546%
427	18.016	18.007	18.021	HH	64173	531271	8.20%	0.090%
428	18.031	18.021	18.035	HH	64282	547159	8.45%	0.093%
429	18.043	18.035	18.071	HH	65165	1367101	21.10%	0.233%
430	18.098	18.071	18.115	HH	72363	1797912	27.75%	0.306%
431	18.137	18.115	18.165	HH	85837	2245739	34.66%	0.382%
432	18.191	18.165	18.218	HH	101995	2568291	39.64%	0.437%
433	18.231	18.218	18.256	HH	67343	1507060	23.26%	0.257%
434	18.271	18.256	18.290	HH	66578	1301375	20.09%	0.221%
435	18.318	18.290	18.337	HH	74080	1961456	30.28%	0.334%
436	18.355	18.337	18.399	HH	72106	2483527	38.33%	0.423%
437	18.401	18.399	18.413	HH	62591	524145	8.09%	0.089%
438	18.446	18.413	18.481	HH	92267	2915253	45.00%	0.496%
439	18.487	18.481	18.498	HH	62780	626589	9.67%	0.107%
440	18.506	18.498	18.510	HH	63142	465141	7.18%	0.079%
441	18.523	18.510	18.546	HH	64504	1365788	21.08%	0.232%
442	18.600	18.546	18.644	HH	74479	3916811	60.46%	0.667%
443	18.665	18.644	18.676	HH	63657	1200735	18.53%	0.204%
444	18.703	18.676	18.718	HH	66773	1644388	25.38%	0.280%
445	18.729	18.718	18.761	HH	65745	1696415	26.18%	0.289%
446	18.777	18.761	18.805	HH	67399	1702692	26.28%	0.290%
447	18.824	18.805	18.840	HH	65719	1391085	21.47%	0.237%
448	18.876	18.840	18.900	HH	68291	2348139	36.24%	0.400%
449	18.925	18.900	18.934	HH	67638	1311581	20.24%	0.223%
450	18.961	18.934	18.984	HH	79087	2241269	34.59%	0.381%
451	19.000	18.984	19.043	HH	71080	2451804	37.84%	0.417%
452	19.052	19.043	19.081	HH	66429	1470038	22.69%	0.250%
453	19.127	19.081	19.142	HH	68634	2473927	38.19%	0.421%
454	19.151	19.142	19.181	HH	68623	1541095	23.79%	0.262%
455	19.186	19.181	19.189	HH	64393	315262	4.87%	0.054%
456	19.193	19.189	19.202	HH	64367	486006	7.50%	0.083%

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457	19.211	19.202	19.225	HH	65010	885485	13.67%	0.151%
458	19.250	19.225	19.274	HH	65565	1905709	29.42%	0.324%
459	19.294	19.274	19.301	HH	64870	1026348	15.84%	0.175%
460	19.309	19.301	19.327	HH	66569	1042466	16.09%	0.177%
461	19.386	19.327	19.415	HH	69601	3510118	54.18%	0.597%
462	19.435	19.415	19.447	HH	67590	1257385	19.41%	0.214%
463	19.464	19.447	19.481	HH	70707	1410796	21.78%	0.240%
464	19.497	19.481	19.512	HH	70269	1298747	20.05%	0.221%
465	19.534	19.512	19.561	HH	69385	1977026	30.52%	0.336%
466	19.596	19.561	19.624	HH	78363	2789200	43.05%	0.475%
467	19.633	19.624	19.641	HH	71926	724951	11.19%	0.123%
468	19.666	19.641	19.705	HH	82285	2911930	44.95%	0.496%
469	19.759	19.705	19.817	HH	91164	5208377	80.39%	0.886%
470	19.887	19.817	19.896	HH	74274	3354792	51.78%	0.571%
471	19.905	19.896	19.913	HH	73774	747619	11.54%	0.127%
472	19.980	19.913	20.009	HH	88431	4536352	70.02%	0.772%
473	20.030	20.009	20.099	HH	80724	4190224	64.68%	0.713%
474	20.122	20.099	20.152	HH	81249	2512154	38.78%	0.428%
475	20.157	20.152	20.163	HH	78325	523727	8.08%	0.089%
476	20.169	20.163	20.176	HH	78306	594514	9.18%	0.101%
477	20.184	20.176	20.192	HH	78138	780525	12.05%	0.133%
478	20.211	20.192	20.227	HH	80786	1654581	25.54%	0.282%
479	20.236	20.227	20.278	HH	80354	2440258	37.67%	0.415%
480	20.299	20.278	20.329	HH	81689	2405915	37.14%	0.409%
481	20.354	20.329	20.361	HH	79800	1524760	23.54%	0.260%
482	20.379	20.361	20.384	HH	81136	1136452	17.54%	0.193%
483	20.391	20.384	20.416	HH	81079	1530026	23.62%	0.260%
484	20.476	20.416	20.482	HH	84378	3262389	50.36%	0.555%
485	20.492	20.482	20.516	HH	84000	1667054	25.73%	0.284%
486	20.521	20.516	20.534	HH	81068	880687	13.59%	0.150%
487	20.546	20.534	20.567	HH	80251	1594530	24.61%	0.271%
488	20.585	20.567	20.593	HH	79227	1224846	18.91%	0.208%
489	20.627	20.593	20.661	HH	82125	3264791	50.39%	0.556%
490	20.663	20.661	20.673	HH	80630	578379	8.93%	0.098%
491	20.678	20.673	20.708	HH	80329	1676054	25.87%	0.285%
492	20.714	20.708	20.720	HH	80038	608892	9.40%	0.104%
493	20.727	20.720	20.753	HH	80258	1569111	24.22%	0.267%
494	20.758	20.753	20.763	HH	79456	457324	7.06%	0.078%
495	20.769	20.763	20.816	HH	79645	2529540	39.04%	0.431%
496	20.827	20.816	20.841	HH	77955	1139203	17.58%	0.194%
497	20.862	20.841	20.882	HH	79333	1948077	30.07%	0.332%
498	20.888	20.882	20.894	HH	76831	532234	8.22%	0.091%
499	20.899	20.894	20.921	HH	76839	1215430	18.76%	0.207%
500	20.926	20.921	20.945	HH	76063	1091675	16.85%	0.186%
501	20.950	20.945	20.955	HH	75850	452459	6.98%	0.077%
502	20.998	20.955	21.005	HH	78074	2332537	36.00%	0.397%
503	21.012	21.005	21.021	HH	78848	727792	11.23%	0.124%
504	21.025	21.021	21.036	HH	78107	700055	10.81%	0.119%
505	21.041	21.036	21.082	HH	77504	2105350	32.50%	0.358%
506	21.092	21.082	21.137	HH	75857	2491395	38.46%	0.424%
507	21.171	21.137	21.177	HH	74260	1755857	27.10%	0.299%
508	21.182	21.177	21.192	HH	74311	664470	10.26%	0.113%
509	21.210	21.192	21.223	HH	74353	1344507	20.75%	0.229%

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510	21.226	21.223	21.239	HH	74378	721549	11.14%	0.123%
511	21.245	21.239	21.257	HH	73974	808792	12.48%	0.138%
512	21.295	21.257	21.335	HH	77533	3526326	54.43%	0.600%
513	21.365	21.335	21.376	HH	76834	1850133	28.56%	0.315%
514	21.388	21.376	21.460	HH	76957	3749742	57.88%	0.638%
515	21.465	21.460	21.524	HH	71932	2722084	42.02%	0.463%
516	21.558	21.524	21.565	HH	70572	1701833	26.27%	0.290%
517	21.569	21.565	21.584	HH	70370	818926	12.64%	0.139%
518	21.597	21.584	21.617	HH	70707	1405657	21.70%	0.239%
519	21.621	21.617	21.664	HH	70378	1947432	30.06%	0.331%
520	21.693	21.664	21.697	HH	71756	1399807	21.61%	0.238%
521	21.702	21.697	21.712	HH	71726	623721	9.63%	0.106%
522	21.717	21.712	21.746	HH	71983	1436213	22.17%	0.244%
523	21.782	21.746	21.837	HH	73637	3914323	60.42%	0.666%
524	21.843	21.837	21.851	HHA	69454	589872	9.10%	0.100%
					Sum of corrected areas:		587528446	

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