

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101519\
 Data File : FF005805.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2019 13:15
 Sample : K5355-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.310	2.292	2.330	BH	944	6520	0.09%	0.001%
2	2.336	2.330	2.347	PH	-77	-690	-0.01%	-0.000%
3	2.350	2.347	2.362	PH	12	-504	-0.01%	-0.000%
4	2.366	2.362	2.384	PH	-41	-807	-0.01%	-0.000%
5	2.402	2.384	2.427	PH	-71	-3079	-0.04%	-0.001%
6	2.437	2.427	2.456	PH	-24	-1330	-0.02%	-0.000%
7	2.476	2.456	2.481	PH	103	473	0.01%	0.000%
8	2.490	2.481	2.541	PH	2048	20463	0.30%	0.004%
9	2.553	2.541	2.574	PH	835	7112	0.10%	0.001%
10	2.584	2.574	2.595	HH	259	2022	0.03%	0.000%
11	2.611	2.595	2.626	PH	235	1201	0.02%	0.000%
12	2.638	2.626	2.661	PH	243	288	0.00%	0.000%
13	2.668	2.661	2.687	PH	5	-1606	-0.02%	-0.000%
14	2.707	2.687	2.721	PH	-53	-2598	-0.04%	-0.000%
15	2.730	2.721	2.745	PH	-57	-2213	-0.03%	-0.000%
16	2.769	2.745	2.784	PH	1252	7005	0.10%	0.001%
17	2.790	2.784	2.819	PH	49	-3324	-0.05%	-0.001%
18	2.838	2.819	2.845	PH	438	47	0.00%	0.000%
19	2.859	2.845	2.894	HH	1959	22092	0.32%	0.004%
20	2.903	2.894	2.922	PH	-234	-4459	-0.06%	-0.001%
21	2.969	2.922	2.979	PH	43	-4192	-0.06%	-0.001%
22	2.992	2.979	3.013	PH	383	3953	0.06%	0.001%
23	3.039	3.013	3.070	PH	1267	12397	0.18%	0.002%
24	3.085	3.070	3.107	PH	1429	8764	0.13%	0.002%
25	3.122	3.107	3.137	PH	465	1442	0.02%	0.000%
26	3.150	3.137	3.174	PH	79	-790	-0.01%	-0.000%
27	3.180	3.174	3.195	PH	-110	-2368	-0.03%	-0.000%
28	3.222	3.195	3.247	PH	2792	21239	0.31%	0.004%
29	3.253	3.247	3.274	HH	186	-619	-0.01%	-0.000%
30	3.278	3.274	3.290	PH	-68	-1368	-0.02%	-0.000%
31	3.302	3.290	3.320	PH	373	1944	0.03%	0.000%
32	3.336	3.320	3.350	PH	895	7096	0.10%	0.001%
33	3.355	3.350	3.375	HH	147	-920	-0.01%	-0.000%
34	3.383	3.375	3.403	PH	-150	-3684	-0.05%	-0.001%
35	3.408	3.403	3.420	PH	-213	-3221	-0.05%	-0.001%
36	3.436	3.420	3.443	PH	-12	-2285	-0.03%	-0.000%

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37	3.462	3.443	3.479	PH	117	-948	-0.01%	-0.000%
38	3.488	3.479	3.504	PH	-44	-1705	-0.02%	-0.000%
39	3.533	3.504	3.570	PH	43	-4883	-0.07%	-0.001%
40	3.580	3.570	3.588	PH	-159	-2468	-0.04%	-0.000%
41	3.612	3.588	3.615	PH	353	1870	0.03%	0.000%
42	3.630	3.615	3.655	HH	3363	37017	0.54%	0.007%
43	3.669	3.655	3.686	PH	140	481	0.01%	0.000%
44	3.713	3.686	3.733	PH	1086	9365	0.14%	0.002%
45	3.747	3.733	3.761	HH	664	5984	0.09%	0.001%
46	3.783	3.761	3.804	HH	663	7324	0.11%	0.001%
47	3.809	3.804	3.814	PH	77	297	0.00%	0.000%
48	3.832	3.814	3.845	PH	1381	12092	0.18%	0.002%
49	3.852	3.845	3.867	HH	560	3715	0.05%	0.001%
50	3.882	3.867	3.896	PH	842	5556	0.08%	0.001%
51	3.919	3.896	3.967	PH	908	16224	0.24%	0.003%
52	3.986	3.967	4.007	PH	77317	583875	8.47%	0.105%
53	4.014	4.007	4.027	HH	1676	15684	0.23%	0.003%
54	4.033	4.027	4.059	HH	1075	14175	0.21%	0.003%
55	4.072	4.059	4.083	HH	643	7561	0.11%	0.001%
56	4.103	4.083	4.127	HH	1317	16449	0.24%	0.003%
57	4.172	4.127	4.194	PH	2131	33440	0.49%	0.006%
58	4.209	4.194	4.240	HH	1484	23774	0.34%	0.004%
59	4.265	4.240	4.296	HH	1110	16691	0.24%	0.003%
60	4.326	4.296	4.343	PH	642	7719	0.11%	0.001%
61	4.363	4.343	4.382	HH	881	11792	0.17%	0.002%
62	4.409	4.382	4.430	HH	2195	29150	0.42%	0.005%
63	4.450	4.430	4.465	HH	1744	19157	0.28%	0.003%
64	4.481	4.465	4.491	HH	1175	13649	0.20%	0.002%
65	4.513	4.491	4.540	HH	2734	32739	0.47%	0.006%
66	4.557	4.540	4.579	HH	5299	52139	0.76%	0.009%
67	4.583	4.579	4.592	HH	600	4379	0.06%	0.001%
68	4.621	4.592	4.649	HH	1919	45040	0.65%	0.008%
69	4.664	4.649	4.682	HH	3200	32796	0.48%	0.006%
70	4.694	4.682	4.707	HH	1532	15606	0.23%	0.003%
71	4.716	4.707	4.728	HH	934	10767	0.16%	0.002%
72	4.743	4.728	4.770	HH	2433	34963	0.51%	0.006%
73	4.784	4.770	4.804	HH	1667	22379	0.32%	0.004%
74	4.821	4.804	4.846	HH	2880	42654	0.62%	0.008%
75	4.885	4.846	4.906	HH	3449	52595	0.76%	0.009%
76	4.939	4.906	4.954	HH	1326	26140	0.38%	0.005%
77	4.957	4.954	4.965	HH	1229	7926	0.11%	0.001%
78	4.975	4.965	4.992	HH	1188	14931	0.22%	0.003%
79	5.018	4.992	5.030	HH	1871	31157	0.45%	0.006%
80	5.050	5.030	5.074	HH	2051	38919	0.56%	0.007%
81	5.105	5.074	5.115	HH	2504	36547	0.53%	0.007%
82	5.129	5.115	5.140	HH	3896	40972	0.59%	0.007%
83	5.150	5.140	5.169	HH	3352	39872	0.58%	0.007%
84	5.179	5.169	5.195	HH	1644	17560	0.25%	0.003%
85	5.214	5.195	5.228	HH	1210	19148	0.28%	0.003%
86	5.265	5.228	5.292	HH	3864	83670	1.21%	0.015%
87	5.309	5.292	5.325	HH	2493	39780	0.58%	0.007%
88	5.340	5.325	5.354	HH	3300	41362	0.60%	0.007%
89	5.368	5.354	5.387	HH	2359	37670	0.55%	0.007%

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90	5.396	5.387	5.417	HH	1972	27964	0.41%	0.005%
91	5.448	5.417	5.460	HH	5149	71537	1.04%	0.013%
92	5.474	5.460	5.499	HH	7059	92306	1.34%	0.017%
93	5.516	5.499	5.529	HH	2413	34352	0.50%	0.006%
94	5.535	5.529	5.552	HH	1879	21908	0.32%	0.004%
95	5.578	5.552	5.597	HH	2034	49152	0.71%	0.009%
96	5.601	5.597	5.609	HH	1954	13934	0.20%	0.003%
97	5.633	5.609	5.655	HH	10775	149546	2.17%	0.027%
98	5.663	5.655	5.672	HH	2552	24045	0.35%	0.004%
99	5.698	5.672	5.713	HH	3031	67126	0.97%	0.012%
100	5.731	5.713	5.774	HH	6968	155224	2.25%	0.028%
101	5.790	5.774	5.806	HH	3304	54459	0.79%	0.010%
102	5.819	5.806	5.830	HH	3362	40386	0.59%	0.007%
103	5.857	5.830	5.883	HH	4030	96778	1.40%	0.017%
104	5.904	5.883	5.923	HH	4468	73612	1.07%	0.013%
105	5.951	5.923	5.975	HH	5451	131161	1.90%	0.024%
106	5.996	5.975	6.015	HH	18533	231500	3.36%	0.042%
107	6.044	6.015	6.062	HH	6521	133594	1.94%	0.024%
108	6.099	6.062	6.114	HH	5326	131603	1.91%	0.024%
109	6.146	6.114	6.162	HH	9444	197861	2.87%	0.036%
110	6.175	6.162	6.200	HH	6994	130939	1.90%	0.024%
111	6.214	6.200	6.226	HH	6393	86259	1.25%	0.016%
112	6.241	6.226	6.257	HH	6623	109482	1.59%	0.020%
113	6.270	6.257	6.289	HH	6701	113700	1.65%	0.020%
114	6.310	6.289	6.327	HH	6978	125278	1.82%	0.023%
115	6.358	6.327	6.376	HH	8254	188213	2.73%	0.034%
116	6.385	6.376	6.400	HH	6420	86072	1.25%	0.015%
117	6.427	6.400	6.439	HH	7666	149814	2.17%	0.027%
118	6.447	6.439	6.475	HH	6469	112360	1.63%	0.020%
119	6.518	6.475	6.532	HH	6020	173105	2.51%	0.031%
120	6.549	6.532	6.557	HH	7129	95642	1.39%	0.017%
121	6.577	6.557	6.596	HH	18351	264302	3.83%	0.048%
122	6.622	6.596	6.641	HH	12514	238625	3.46%	0.043%
123	6.650	6.641	6.660	HH	6191	64530	0.94%	0.012%
124	6.677	6.660	6.683	HH	6209	78600	1.14%	0.014%
125	6.705	6.683	6.726	HH	9845	196697	2.85%	0.035%
126	6.752	6.726	6.777	HH	9922	237513	3.45%	0.043%
127	6.789	6.777	6.799	HH	6750	81250	1.18%	0.015%
128	6.828	6.799	6.849	HH	12121	249300	3.62%	0.045%
129	6.893	6.849	6.912	HH	8729	274648	3.98%	0.049%
130	6.930	6.912	6.939	HH	11539	154842	2.25%	0.028%
131	6.952	6.939	6.970	HH	12516	201057	2.92%	0.036%
132	6.988	6.970	7.018	HH	14717	288349	4.18%	0.052%
133	7.051	7.018	7.076	HH	19475	428241	6.21%	0.077%
134	7.087	7.076	7.111	HH	9929	182203	2.64%	0.033%
135	7.131	7.111	7.171	HH	28070	550600	7.99%	0.099%
136	7.186	7.171	7.212	HH	19477	313853	4.55%	0.056%
137	7.233	7.212	7.250	HH	12304	231231	3.35%	0.042%
138	7.259	7.250	7.295	HH	9096	222900	3.23%	0.040%
139	7.335	7.295	7.342	HH	13527	308542	4.48%	0.056%
140	7.351	7.342	7.382	HH	14416	275999	4.00%	0.050%
141	7.406	7.382	7.428	HH	11693	289700	4.20%	0.052%

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142	7.442	7.428	7.459	HH	11628	195420	2.83%	0.035%
143	7.487	7.459	7.502	HH	10447	252812	3.67%	0.046%
144	7.527	7.502	7.560	HH	20207	480910	6.98%	0.087%
145	7.577	7.560	7.597	HH	12393	226903	3.29%	0.041%
146	7.645	7.597	7.656	HH	12601	353503	5.13%	0.064%
147	7.668	7.656	7.672	HH	11685	109924	1.59%	0.020%
148	7.688	7.672	7.707	HH	13927	250332	3.63%	0.045%
149	7.720	7.707	7.727	HH	10240	120779	1.75%	0.022%
150	7.739	7.727	7.754	HH	11153	168318	2.44%	0.030%
151	7.781	7.754	7.801	HH	15091	357949	5.19%	0.064%
152	7.809	7.801	7.819	HH	12293	134075	1.94%	0.024%
153	7.831	7.819	7.847	HH	12544	193686	2.81%	0.035%
154	7.870	7.847	7.889	HH	13440	292212	4.24%	0.053%
155	7.930	7.889	7.945	HH	16938	462750	6.71%	0.083%
156	7.959	7.945	7.970	HH	16426	242225	3.51%	0.044%
157	7.979	7.970	8.000	HH	16281	253807	3.68%	0.046%
158	8.043	8.000	8.064	HH	45412	896338	13.00%	0.161%
159	8.070	8.064	8.082	HH	13550	143261	2.08%	0.026%
160	8.101	8.082	8.119	HH	14866	298980	4.34%	0.054%
161	8.147	8.119	8.162	HH	35312	575602	8.35%	0.104%
162	8.175	8.162	8.194	HH	29242	411329	5.97%	0.074%
163	8.220	8.194	8.248	HH	19096	524158	7.60%	0.094%
164	8.280	8.248	8.308	HH	108763	1479598	21.46%	0.266%
165	8.329	8.308	8.355	HH	27526	585661	8.50%	0.105%
166	8.386	8.355	8.402	HH	25831	500970	7.27%	0.090%
167	8.418	8.402	8.431	HH	17469	280678	4.07%	0.051%
168	8.442	8.431	8.458	HH	17456	254771	3.70%	0.046%
169	8.470	8.458	8.484	HH	15059	221403	3.21%	0.040%
170	8.510	8.484	8.536	HH	15112	426986	6.19%	0.077%
171	8.549	8.536	8.560	HH	12386	165445	2.40%	0.030%
172	8.581	8.560	8.602	HH	18053	382908	5.55%	0.069%
173	8.626	8.602	8.655	HH	29008	613077	8.89%	0.110%
174	8.682	8.655	8.705	HH	25500	564396	8.19%	0.102%
175	8.759	8.705	8.782	HH	40580	1020696	14.81%	0.184%
176	8.789	8.782	8.802	HH	15503	182305	2.64%	0.033%
177	8.814	8.802	8.825	HH	15180	202802	2.94%	0.037%
178	8.865	8.825	8.883	HH	28255	686422	9.96%	0.124%
179	8.899	8.883	8.924	HH	27971	504772	7.32%	0.091%
180	8.938	8.924	8.955	HH	17707	300153	4.35%	0.054%
181	8.989	8.955	9.005	HH	21177	516837	7.50%	0.093%
182	9.037	9.005	9.057	HH	32405	676784	9.82%	0.122%
183	9.075	9.057	9.111	HH	32281	647836	9.40%	0.117%
184	9.132	9.111	9.153	HH	16363	366432	5.32%	0.066%
185	9.192	9.153	9.208	HH	28400	595824	8.64%	0.107%
186	9.222	9.208	9.239	HH	23614	339617	4.93%	0.061%
187	9.251	9.239	9.260	HH	14269	174296	2.53%	0.031%
188	9.275	9.260	9.289	HH	15147	255752	3.71%	0.046%
189	9.328	9.289	9.349	HH	28001	686974	9.97%	0.124%
190	9.369	9.349	9.387	HH	16570	355131	5.15%	0.064%
191	9.411	9.387	9.426	HH	30319	502376	7.29%	0.090%
192	9.436	9.426	9.462	HH	21021	382423	5.55%	0.069%
193	9.491	9.462	9.522	HH	30410	745474	10.81%	0.134%
194	9.530	9.522	9.541	HH	16997	183575	2.66%	0.033%

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195	9.559	9.541	9.572	HH	20456	341808	4.96%	0.062%
196	9.586	9.572	9.601	HH	20944	330239	4.79%	0.059%
197	9.614	9.601	9.637	HH	21505	395053	5.73%	0.071%
198	9.656	9.637	9.678	HH	16069	375053	5.44%	0.068%
199	9.689	9.678	9.710	HH	14362	263640	3.82%	0.047%
200	9.733	9.710	9.757	HH	21507	496887	7.21%	0.089%
201	9.782	9.757	9.804	HH	20449	510856	7.41%	0.092%
202	9.824	9.804	9.869	HH	30223	799581	11.60%	0.144%
203	9.889	9.869	9.910	HH	16514	384497	5.58%	0.069%
204	9.928	9.910	9.965	HH	17693	496014	7.20%	0.089%
205	9.994	9.965	10.027	HH	18516	563872	8.18%	0.101%
206	10.032	10.027	10.043	HH	13876	132455	1.92%	0.024%
207	10.056	10.043	10.077	HH	14016	272311	3.95%	0.049%
208	10.097	10.077	10.128	HH	15116	422593	6.13%	0.076%
209	10.152	10.128	10.184	HH	19423	527721	7.65%	0.095%
210	10.210	10.184	10.237	HH	35569	737396	10.70%	0.133%
211	10.261	10.237	10.275	HH	21786	423436	6.14%	0.076%
212	10.289	10.275	10.313	HH	23604	447711	6.49%	0.081%
213	10.331	10.313	10.382	HH	23616	764990	11.10%	0.138%
214	10.405	10.382	10.440	HH	22906	640106	9.29%	0.115%
215	10.461	10.440	10.482	HH	25148	526225	7.63%	0.095%
216	10.489	10.482	10.503	HH	19349	236190	3.43%	0.043%
217	10.511	10.503	10.523	HH	18555	213558	3.10%	0.038%
218	10.561	10.523	10.591	HH	25191	855533	12.41%	0.154%
219	10.633	10.591	10.671	HH	50861	1372657	19.91%	0.247%
220	10.678	10.671	10.703	HH	19253	357068	5.18%	0.064%
221	10.713	10.703	10.741	HH	17887	380323	5.52%	0.068%
222	10.778	10.741	10.787	HH	19303	466750	6.77%	0.084%
223	10.810	10.787	10.858	HH	128341	1874274	27.19%	0.337%
224	10.884	10.858	10.924	HH	47169	970138	14.07%	0.175%
225	10.953	10.924	10.970	HH	19211	477855	6.93%	0.086%
226	10.982	10.970	11.002	HH	16069	297113	4.31%	0.053%
227	11.019	11.002	11.027	HH	16040	231900	3.36%	0.042%
228	11.054	11.027	11.076	HH	16524	471363	6.84%	0.085%
229	11.095	11.076	11.110	HH	25753	422356	6.13%	0.076%
230	11.119	11.110	11.142	HH	19166	330341	4.79%	0.059%
231	11.165	11.142	11.184	HH	17176	407450	5.91%	0.073%
232	11.205	11.184	11.229	HH	18193	468786	6.80%	0.084%
233	11.233	11.229	11.243	HH	17660	151177	2.19%	0.027%
234	11.262	11.243	11.279	HH	24325	434611	6.30%	0.078%
235	11.286	11.279	11.304	HH	17778	270214	3.92%	0.049%
236	11.353	11.304	11.382	HH	35297	1066519	15.47%	0.192%
237	11.408	11.382	11.433	HH	18123	495972	7.19%	0.089%
238	11.460	11.433	11.485	HH	21542	538352	7.81%	0.097%
239	11.508	11.485	11.533	HH	18091	495296	7.18%	0.089%
240	11.560	11.533	11.586	HH	17584	537344	7.79%	0.097%
241	11.612	11.586	11.626	HH	31816	556749	8.08%	0.100%
242	11.643	11.626	11.661	HH	37971	574373	8.33%	0.103%
243	11.677	11.661	11.691	HH	23214	363638	5.27%	0.065%
244	11.708	11.691	11.712	HH	24107	271792	3.94%	0.049%
245	11.726	11.712	11.744	HH	31379	488330	7.08%	0.088%
246	11.761	11.744	11.775	HH	29517	458163	6.65%	0.082%

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247	11.791	11.775	11.817	HH	31146	577028	8.37%	0.104%
248	11.827	11.817	11.844	HH	16589	263461	3.82%	0.047%
249	11.868	11.844	11.885	HH	17459	408041	5.92%	0.073%
250	11.930	11.885	11.946	HH	25450	764148	11.08%	0.138%
251	11.963	11.946	11.986	HH	25250	506143	7.34%	0.091%
252	12.018	11.986	12.056	HH	20304	750765	10.89%	0.135%
253	12.082	12.056	12.103	HH	26637	575876	8.35%	0.104%
254	12.115	12.103	12.125	HH	17325	226374	3.28%	0.041%
255	12.146	12.125	12.151	HH	19475	290780	4.22%	0.052%
256	12.177	12.151	12.213	HH	82982	1390646	20.17%	0.250%
257	12.228	12.213	12.247	HH	20003	384162	5.57%	0.069%
258	12.258	12.247	12.275	HH	17847	299252	4.34%	0.054%
259	12.291	12.275	12.305	HH	18409	323783	4.70%	0.058%
260	12.309	12.305	12.321	HH	18428	165834	2.41%	0.030%
261	12.337	12.321	12.342	HH	19996	253463	3.68%	0.046%
262	12.349	12.342	12.381	HH	20218	430147	6.24%	0.077%
263	12.400	12.381	12.438	HH	23866	693318	10.06%	0.125%
264	12.458	12.438	12.477	HH	25121	486509	7.06%	0.088%
265	12.483	12.477	12.486	HH	19314	109000	1.58%	0.020%
266	12.511	12.486	12.530	HH	34885	678970	9.85%	0.122%
267	12.547	12.530	12.556	HH	23462	340760	4.94%	0.061%
268	12.573	12.556	12.599	HH	30175	625324	9.07%	0.113%
269	12.629	12.599	12.670	HH	205007	2833015	41.10%	0.510%
270	12.685	12.670	12.704	HH	19595	369489	5.36%	0.067%
271	12.725	12.704	12.736	HH	19049	352243	5.11%	0.063%
272	12.762	12.736	12.777	HH	22819	503139	7.30%	0.091%
273	12.790	12.777	12.798	HH	21648	267512	3.88%	0.048%
274	12.817	12.798	12.857	HH	25337	797276	11.57%	0.144%
275	12.866	12.857	12.899	HH	21104	493300	7.16%	0.089%
276	12.925	12.899	12.948	HH	168845	2226134	32.29%	0.401%
277	12.980	12.948	12.997	HH	32701	826085	11.98%	0.149%
278	13.012	12.997	13.044	HH	33478	713250	10.35%	0.128%
279	13.064	13.044	13.080	HH	22234	462312	6.71%	0.083%
280	13.097	13.080	13.107	HH	24936	367504	5.33%	0.066%
281	13.119	13.107	13.148	HH	26599	568566	8.25%	0.102%
282	13.189	13.148	13.213	HH	35662	972930	14.11%	0.175%
283	13.258	13.213	13.282	HH	27252	1030166	14.94%	0.185%
284	13.289	13.282	13.305	HH	21798	298927	4.34%	0.054%
285	13.322	13.305	13.337	HH	25995	446371	6.47%	0.080%
286	13.351	13.337	13.361	HH	23794	323990	4.70%	0.058%
287	13.384	13.361	13.389	HH	30907	468106	6.79%	0.084%
288	13.406	13.389	13.443	HH	42304	988079	14.33%	0.178%
289	13.459	13.443	13.470	HH	22826	371571	5.39%	0.067%
290	13.512	13.470	13.545	HH	46292	1345952	19.52%	0.242%
291	13.580	13.545	13.596	HH	25039	723693	10.50%	0.130%
292	13.622	13.596	13.643	HH	38351	858798	12.46%	0.155%
293	13.659	13.643	13.680	HH	35644	654960	9.50%	0.118%
294	13.702	13.680	13.732	HH	27296	805107	11.68%	0.145%
295	13.772	13.732	13.777	HH	35169	781323	11.33%	0.141%
296	13.788	13.777	13.808	HH	38247	634122	9.20%	0.114%
297	13.830	13.808	13.868	HH	34768	999631	14.50%	0.180%
298	13.900	13.868	13.922	HH	27211	834861	12.11%	0.150%
299	13.938	13.922	13.950	HH	25869	438880	6.37%	0.079%

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300	13.996	13.950	14.023	HH	28975	1187573	17.23%	0.214%
301	14.039	14.023	14.056	HH	27458	514928	7.47%	0.093%
302	14.063	14.056	14.070	HH	26467	218695	3.17%	0.039%
303	14.073	14.070	14.085	HH	26134	247898	3.60%	0.045%
304	14.098	14.085	14.112	HH	26815	420991	6.11%	0.076%
305	14.129	14.112	14.138	HH	28066	422712	6.13%	0.076%
306	14.155	14.138	14.175	HH	33817	672164	9.75%	0.121%
307	14.202	14.175	14.215	HH	31622	747952	10.85%	0.135%
308	14.243	14.215	14.268	HH	42263	1101299	15.98%	0.198%
309	14.287	14.268	14.307	HH	31225	692251	10.04%	0.125%
310	14.331	14.307	14.359	HH	39061	1066388	15.47%	0.192%
311	14.385	14.359	14.405	HH	59613	1220907	17.71%	0.220%
312	14.426	14.405	14.460	HH	42932	1225709	17.78%	0.221%
313	14.490	14.460	14.510	HH	51805	1193462	17.31%	0.215%
314	14.545	14.510	14.575	HH	45420	1488502	21.59%	0.268%
315	14.593	14.575	14.599	HH	34299	467718	6.78%	0.084%
316	14.618	14.599	14.634	HH	36255	739357	10.72%	0.133%
317	14.669	14.634	14.703	HH	180980	3408954	49.45%	0.614%
318	14.715	14.703	14.733	HH	35338	624042	9.05%	0.112%
319	14.754	14.733	14.770	HH	41807	835547	12.12%	0.150%
320	14.801	14.770	14.821	HH	117700	2088554	30.30%	0.376%
321	14.842	14.821	14.869	HH	114924	2006646	29.11%	0.361%
322	14.872	14.869	14.923	HH	43972	1328845	19.28%	0.239%
323	14.961	14.923	14.982	HH	57264	1691374	24.53%	0.304%
324	14.996	14.982	15.020	HH	44115	964184	13.99%	0.174%
325	15.040	15.020	15.071	HH	45760	1275963	18.51%	0.230%
326	15.100	15.071	15.124	HH	47961	1359549	19.72%	0.245%
327	15.143	15.124	15.169	HH	47657	1196462	17.36%	0.215%
328	15.195	15.169	15.214	HH	43504	1139890	16.53%	0.205%
329	15.247	15.214	15.307	HH	159356	3918009	56.83%	0.705%
330	15.315	15.307	15.327	HH	42803	509997	7.40%	0.092%
331	15.336	15.327	15.358	HH	42506	784059	11.37%	0.141%
332	15.393	15.358	15.424	HH	53299	1869378	27.12%	0.336%
333	15.442	15.424	15.453	HH	48796	855462	12.41%	0.154%
334	15.474	15.453	15.496	HH	64384	1381180	20.04%	0.249%
335	15.511	15.496	15.545	HH	53031	1430869	20.76%	0.258%
336	15.553	15.545	15.564	HH	47918	528188	7.66%	0.095%
337	15.578	15.564	15.589	HH	48425	723671	10.50%	0.130%
338	15.638	15.589	15.676	HH	57838	2737163	39.70%	0.493%
339	15.689	15.676	15.694	HH	49191	504272	7.31%	0.091%
340	15.712	15.694	15.741	HH	53609	1450562	21.04%	0.261%
341	15.766	15.741	15.785	HH	54709	1360698	19.74%	0.245%
342	15.807	15.785	15.814	HH	53634	898041	13.03%	0.162%
343	15.828	15.814	15.844	HH	54154	961742	13.95%	0.173%
344	15.893	15.844	15.934	HH	64231	2958157	42.91%	0.532%
345	15.945	15.934	15.953	HH	53744	629477	9.13%	0.113%
346	15.959	15.953	15.965	HH	53886	353625	5.13%	0.064%
347	15.982	15.965	15.994	HH	55264	965964	14.01%	0.174%
348	16.002	15.994	16.017	HH	53964	707905	10.27%	0.127%
349	16.024	16.017	16.038	HH	52501	668155	9.69%	0.120%
350	16.083	16.038	16.099	HH	62519	2108732	30.59%	0.380%
351	16.107	16.099	16.123	HH	59299	838675	12.17%	0.151%

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352	16.142	16.123	16.162	HH	60799	1354073	19.64%	0.244%
353	16.192	16.162	16.215	HH	63874	1979177	28.71%	0.356%
354	16.261	16.215	16.303	HH	84209	3617901	52.48%	0.651%
355	16.309	16.303	16.314	HH	58952	361966	5.25%	0.065%
356	16.361	16.314	16.380	HH	149841	3824353	55.48%	0.688%
357	16.386	16.380	16.414	HH	104330	1641304	23.81%	0.295%
358	16.417	16.414	16.425	HH	63903	443499	6.43%	0.080%
359	16.488	16.425	16.514	HH	84901	3745204	54.33%	0.674%
360	16.531	16.514	16.538	HH	73209	1054950	15.30%	0.190%
361	16.544	16.538	16.561	HH	73167	967362	14.03%	0.174%
362	16.582	16.561	16.587	HH	71023	1062619	15.41%	0.191%
363	16.617	16.587	16.634	HH	78837	2122135	30.78%	0.382%
364	16.680	16.634	16.706	HH	125811	3918523	56.84%	0.705%
365	16.737	16.706	16.779	HH	143191	4028119	58.43%	0.725%
366	16.839	16.779	16.860	HH	107775	4053033	58.79%	0.730%
367	16.891	16.860	16.927	HH	90211	3443672	49.95%	0.620%
368	16.939	16.927	16.943	HH	80256	772326	11.20%	0.139%
369	16.951	16.943	16.958	HH	80444	705000	10.23%	0.127%
370	16.979	16.958	17.008	HH	83851	2434737	35.32%	0.438%
371	17.019	17.008	17.027	HH	82546	951201	13.80%	0.171%
372	17.047	17.027	17.059	HH	84876	1595272	23.14%	0.287%
373	17.099	17.059	17.130	HH	95118	3802782	55.16%	0.684%
374	17.168	17.130	17.179	HH	89601	2579902	37.42%	0.464%
375	17.201	17.179	17.221	HH	98056	2293016	33.26%	0.413%
376	17.235	17.221	17.250	HH	95675	1636731	23.74%	0.295%
377	17.264	17.250	17.276	HH	99529	1506571	21.85%	0.271%
378	17.291	17.276	17.311	HH	103433	2044354	29.65%	0.368%
379	17.327	17.311	17.354	HH	93890	2344618	34.01%	0.422%
380	17.366	17.354	17.375	HH	92970	1183485	17.17%	0.213%
381	17.411	17.375	17.449	HH	100708	4190208	60.78%	0.754%
382	17.471	17.449	17.483	HH	95355	1866232	27.07%	0.336%
383	17.497	17.483	17.505	HH	93084	1245732	18.07%	0.224%
384	17.513	17.505	17.519	HH	91533	745092	10.81%	0.134%
385	17.529	17.519	17.542	HH	91677	1260914	18.29%	0.227%
386	17.578	17.542	17.597	HH	93869	3001157	43.53%	0.540%
387	17.603	17.597	17.612	HH	92776	842643	12.22%	0.152%
388	17.641	17.612	17.655	HH	99119	2519899	36.55%	0.454%
389	17.733	17.655	17.761	HH	120847	6581700	95.47%	1.185%
390	17.786	17.761	17.800	HH	104220	2373065	34.42%	0.427%
391	17.817	17.800	17.822	HH	103290	1282263	18.60%	0.231%
392	17.826	17.822	17.848	HH	103332	1611055	23.37%	0.290%
393	17.882	17.848	17.947	HH	126059	6585665	95.53%	1.185%
394	17.953	17.947	17.970	HH	104420	1474968	21.40%	0.265%
395	17.973	17.970	17.987	HH	102786	987232	14.32%	0.178%
396	18.018	17.987	18.035	HH	113848	3120784	45.27%	0.562%
397	18.084	18.035	18.097	HH	165057	4689258	68.02%	0.844%
398	18.108	18.097	18.132	HH	157697	2914586	42.28%	0.525%
399	18.153	18.132	18.179	HH	128834	3280065	47.58%	0.590%
400	18.195	18.179	18.210	HH	110557	2028835	29.43%	0.365%
401	18.250	18.210	18.266	HH	138943	4127200	59.87%	0.743%
402	18.277	18.266	18.306	HH	126789	2828953	41.04%	0.509%
403	18.320	18.306	18.336	HH	111590	1941896	28.17%	0.350%
404	18.366	18.336	18.389	HH	158374	4031929	58.49%	0.726%

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405	18.404	18.389	18.414	HH	111733	1612074	23.38%	0.290%
406	18.418	18.414	18.426	HH	111549	783195	11.36%	0.141%
407	18.447	18.426	18.468	HH	114519	2826186	41.00%	0.509%
408	18.495	18.468	18.518	HH	124635	3548688	51.48%	0.639%
409	18.524	18.518	18.528	HH	111438	615827	8.93%	0.111%
410	18.560	18.528	18.607	HH	133074	5650791	81.97%	1.017%
411	18.623	18.607	18.630	HH	113733	1561635	22.65%	0.281%
412	18.634	18.630	18.643	HH	112764	869976	12.62%	0.157%
413	18.673	18.643	18.696	HH	132984	3902298	56.61%	0.702%
414	18.725	18.696	18.740	HH	128009	3224376	46.77%	0.580%
415	18.746	18.740	18.752	HH	119649	788783	11.44%	0.142%
416	18.759	18.752	18.765	HH	118339	973075	14.12%	0.175%
417	18.773	18.765	18.783	HH	117938	1248258	18.11%	0.225%
418	18.805	18.783	18.812	HH	120203	2008995	29.14%	0.362%
419	18.817	18.812	18.824	HH	119528	863406	12.52%	0.155%
420	18.845	18.824	18.867	HH	122508	3117763	45.23%	0.561%
421	18.881	18.867	18.888	HH	122210	1522599	22.09%	0.274%
422	18.913	18.888	18.947	HH	157889	4862961	70.54%	0.875%
423	18.964	18.947	18.986	HH	135987	3054272	44.30%	0.550%
424	19.002	18.986	19.024	HH	130198	2833927	41.11%	0.510%
425	19.041	19.024	19.046	HH	126957	1651904	23.96%	0.297%
426	19.070	19.046	19.120	HH	132280	5636955	81.77%	1.015%
427	19.128	19.120	19.131	HH	122436	826702	11.99%	0.149%
428	19.159	19.131	19.179	HH	125911	3515502	51.00%	0.633%
429	19.183	19.179	19.191	HH	125475	954579	13.85%	0.172%
430	19.202	19.191	19.219	HH	126905	2053375	29.79%	0.370%
431	19.224	19.219	19.228	HH	124582	706867	10.25%	0.127%
432	19.242	19.228	19.248	HH	124625	1436227	20.83%	0.259%
433	19.256	19.248	19.275	HH	127018	2060918	29.90%	0.371%
434	19.279	19.275	19.282	HH	124623	529824	7.69%	0.095%
435	19.286	19.282	19.295	HH	124621	978857	14.20%	0.176%
436	19.299	19.295	19.304	HH	123782	605181	8.78%	0.109%
437	19.323	19.304	19.331	HH	127213	2026729	29.40%	0.365%
438	19.349	19.331	19.364	HH	135286	2621302	38.02%	0.472%
439	19.383	19.364	19.405	HH	137805	3290871	47.74%	0.592%
440	19.415	19.405	19.432	HH	135662	2174559	31.54%	0.391%
441	19.458	19.432	19.486	HH	138644	4346835	63.05%	0.782%
442	19.490	19.486	19.499	HH	132058	1017519	14.76%	0.183%
443	19.523	19.499	19.555	HH	151470	4798873	69.61%	0.864%
444	19.592	19.555	19.614	HH	151518	4941956	71.69%	0.890%
445	19.635	19.614	19.660	HH	141103	3886562	56.38%	0.700%
446	19.703	19.660	19.709	HH	156363	4265359	61.87%	0.768%
447	19.712	19.709	19.753	HH	153809	3834939	55.63%	0.690%
448	19.773	19.753	19.781	HH	142891	2298906	33.35%	0.414%
449	19.786	19.781	19.799	HH	142680	1575400	22.85%	0.284%
450	19.806	19.799	19.824	HH	141142	2056434	29.83%	0.370%
451	19.840	19.824	19.853	HH	138803	2381144	34.54%	0.429%
452	19.906	19.853	19.930	HH	162926	6893815	100.00%	1.241%
453	19.971	19.930	19.976	HH	151438	4038487	58.58%	0.727%
454	19.979	19.976	19.991	HH	149912	1326939	19.25%	0.239%
455	20.003	19.991	20.024	HH	153417	2929677	42.50%	0.527%
456	20.035	20.024	20.044	HH	148734	1829086	26.53%	0.329%

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457	20.048	20.044	20.071	HH	149178	2344234	34.00%	0.422%
458	20.092	20.071	20.119	HH	152627	4281830	62.11%	0.771%
459	20.123	20.119	20.127	HH	149072	765525	11.10%	0.138%
460	20.135	20.127	20.141	HH	149711	1184901	17.19%	0.213%
461	20.168	20.141	20.202	HH	156223	5543635	80.41%	0.998%
462	20.213	20.202	20.226	HH	149164	2090564	30.33%	0.376%
463	20.242	20.226	20.250	HH	151699	2186247	31.71%	0.394%
464	20.263	20.250	20.287	HH	155302	3363481	48.79%	0.605%
465	20.311	20.287	20.330	HH	157155	3935991	57.09%	0.708%
466	20.336	20.330	20.342	HH	153287	1103652	16.01%	0.199%
467	20.346	20.342	20.354	HH	152305	1154971	16.75%	0.208%
468	20.364	20.354	20.386	HH	152065	2872882	41.67%	0.517%
469	20.401	20.386	20.413	HH	152706	2383204	34.57%	0.429%
470	20.448	20.413	20.467	HH	158879	5015486	72.75%	0.903%
471	20.474	20.467	20.487	HH	155135	1880784	27.28%	0.339%
472	20.496	20.487	20.520	HH	154321	2997837	43.49%	0.540%
473	20.558	20.520	20.565	HH	152783	4043370	58.65%	0.728%
474	20.580	20.565	20.613	HH	153036	4259618	61.79%	0.767%
475	20.624	20.613	20.630	HH	146881	1535789	22.28%	0.276%
476	20.635	20.630	20.645	HH	147282	1298285	18.83%	0.234%
477	20.658	20.645	20.664	HH	146920	1671070	24.24%	0.301%
478	20.674	20.664	20.690	HH	147901	2225804	32.29%	0.401%
479	20.706	20.690	20.718	HH	146286	2460514	35.69%	0.443%
480	20.724	20.718	20.749	HH	144999	2643074	38.34%	0.476%
481	20.752	20.749	20.757	HH	144911	718053	10.42%	0.129%
482	20.761	20.757	20.792	HH	143261	2987400	43.33%	0.538%
483	20.818	20.792	20.866	HH	147853	6374328	92.46%	1.147%
484	20.872	20.866	20.879	HH	139323	1060837	15.39%	0.191%
485	20.887	20.879	20.904	HH	139202	2101372	30.48%	0.378%
486	20.912	20.904	20.917	HH	140918	1062298	15.41%	0.191%
487	20.922	20.917	20.937	HH	140615	1694810	24.58%	0.305%
488	20.942	20.937	20.964	HH	138654	2182809	31.66%	0.393%
489	20.982	20.964	20.994	HH	137579	2441101	35.41%	0.439%
490	21.011	20.994	21.029	HH	138042	2868581	41.61%	0.516%
491	21.037	21.029	21.047	HH	135711	1469782	21.32%	0.265%
492	21.054	21.047	21.058	HH	135143	942250	13.67%	0.170%
493	21.068	21.058	21.086	HH	137296	2273546	32.98%	0.409%
494	21.101	21.086	21.111	HH	136099	1984022	28.78%	0.357%
495	21.118	21.111	21.132	HH	136734	1714058	24.86%	0.309%
496	21.141	21.132	21.145	HH	134100	1065847	15.46%	0.192%
497	21.151	21.145	21.170	HH	134197	1988603	28.85%	0.358%
498	21.189	21.170	21.215	HH	134030	3522656	51.10%	0.634%
499	21.250	21.215	21.256	HH	138711	3312056	48.04%	0.596%
500	21.261	21.256	21.277	HH	138885	1735135	25.17%	0.312%
501	21.281	21.277	21.304	HH	137730	2160774	31.34%	0.389%
502	21.316	21.304	21.322	HH	132155	1460342	21.18%	0.263%
503	21.328	21.322	21.344	HH	132076	1718818	24.93%	0.309%
504	21.350	21.344	21.378	HH	130567	2607378	37.82%	0.469%
505	21.386	21.378	21.402	HH	128466	1853002	26.88%	0.334%
506	21.411	21.402	21.424	HH	126292	1627743	23.61%	0.293%
507	21.433	21.424	21.439	HH	124532	1092809	15.85%	0.197%
508	21.449	21.439	21.469	HH	126374	2257602	32.75%	0.406%
509	21.492	21.469	21.528	HH	127028	4394932	63.75%	0.791%

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510	21.552	21.528	21.559	HH	125305	2302353	33.40%	0.414%
511	21.571	21.559	21.607	HH	128081	3592768	52.12%	0.647%
512	21.612	21.607	21.620	HH	121709	967723	14.04%	0.174%
513	21.626	21.620	21.633	HH	122172	885581	12.85%	0.159%
514	21.656	21.633	21.680	HH	126003	3477188	50.44%	0.626%
515	21.706	21.680	21.719	HH	124975	2862822	41.53%	0.515%
516	21.724	21.719	21.744	HH	125260	1831041	26.56%	0.330%
517	21.749	21.744	21.772	HH	122433	2059637	29.88%	0.371%
518	21.790	21.772	21.800	HHA	120540	2083301	30.22%	0.375%
					Sum of corrected areas:		555559177	

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