

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102918\
 Data File : FF002495.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2018 12:02
 Sample : J5654-01 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF101218.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.259	2.252	2.271	BH	103	192	0.00%	0.000%
2	2.285	2.271	2.319	PH	393	-393	-0.01%	-0.000%
3	2.323	2.319	2.342	PH	-81	-1234	-0.02%	-0.000%
4	2.343	2.342	2.359	PH	-43	-1343	-0.02%	-0.000%
5	2.364	2.359	2.384	PH	-142	-2562	-0.05%	-0.001%
6	2.391	2.384	2.401	PH	-110	-1810	-0.03%	-0.001%
7	2.405	2.401	2.416	PH	-170	-1964	-0.04%	-0.001%
8	2.421	2.416	2.432	PH	-106	-1613	-0.03%	-0.001%
9	2.447	2.432	2.494	PH	558	1068	0.02%	0.000%
10	2.510	2.494	2.528	PH	244	-1150	-0.02%	-0.000%
11	2.556	2.528	2.586	PH	514	-1191	-0.02%	-0.000%
12	2.592	2.586	2.601	PH	-326	-3433	-0.06%	-0.001%
13	2.611	2.601	2.621	PH	-217	-3711	-0.07%	-0.001%
14	2.646	2.621	2.657	PH	-233	-7035	-0.13%	-0.003%
15	2.662	2.657	2.669	PH	-343	-2913	-0.05%	-0.001%
16	2.678	2.669	2.685	PH	-278	-3621	-0.07%	-0.001%
17	2.695	2.685	2.710	PH	-319	-5416	-0.10%	-0.002%
18	2.715	2.710	2.727	PH	-305	-3783	-0.07%	-0.001%
19	2.741	2.727	2.757	PH	-80	-4297	-0.08%	-0.002%
20	2.763	2.757	2.811	PH	-262	-11646	-0.21%	-0.004%
21	2.831	2.811	2.876	PH	672	-1747	-0.03%	-0.001%
22	2.893	2.876	2.917	PH	-199	-6730	-0.12%	-0.002%
23	2.935	2.917	2.958	PH	-96	-4857	-0.09%	-0.002%
24	2.989	2.958	2.998	PH	18	-3120	-0.06%	-0.001%
25	3.010	2.998	3.036	PH	176	-2161	-0.04%	-0.001%
26	3.056	3.036	3.073	PH	612	409	0.01%	0.000%
27	3.089	3.073	3.115	PH	88	-5128	-0.09%	-0.002%
28	3.120	3.115	3.124	PH	-264	-1630	-0.03%	-0.001%
29	3.134	3.124	3.172	PH	-252	-9222	-0.17%	-0.003%
30	3.184	3.172	3.205	PH	1195	7585	0.14%	0.003%
31	3.219	3.205	3.239	HH	1319	8813	0.16%	0.003%
32	3.248	3.239	3.284	PH	56	-5411	-0.10%	-0.002%
33	3.308	3.284	3.347	PH	439	-6919	-0.13%	-0.002%
34	3.363	3.347	3.377	PH	-257	-5870	-0.11%	-0.002%
35	3.387	3.377	3.423	PH	-93	-7175	-0.13%	-0.003%
36	3.429	3.423	3.445	PH	-239	-4271	-0.08%	-0.002%

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37	3.450	3.445	3.481	PH	-308	-7514	-0.14%	-0.003%
38	3.489	3.481	3.497	PH	-289	-3128	-0.06%	-0.001%
39	3.505	3.497	3.528	PH	-258	-5988	-0.11%	-0.002%
40	3.532	3.528	3.538	PH	-368	-2408	-0.04%	-0.001%
41	3.543	3.538	3.550	PH	-328	-2731	-0.05%	-0.001%
42	3.610	3.550	3.629	PH	3120	27666	0.51%	0.010%
43	3.644	3.629	3.666	PH	884	6620	0.12%	0.002%
44	3.680	3.666	3.706	HH	499	4186	0.08%	0.001%
45	3.718	3.706	3.730	PH	21	-696	-0.01%	-0.000%
46	3.738	3.730	3.748	PH	-5	-528	-0.01%	-0.000%
47	3.758	3.748	3.769	PH	46	-816	-0.01%	-0.000%
48	3.779	3.769	3.787	PH	-105	-1269	-0.02%	-0.000%
49	3.803	3.787	3.818	PH	612	4448	0.08%	0.002%
50	3.823	3.818	3.839	PH	76	-1471	-0.03%	-0.001%
51	3.853	3.839	3.867	PH	-106	-4065	-0.07%	-0.001%
52	3.889	3.867	3.945	PH	452	-2559	-0.05%	-0.001%
53	3.965	3.945	3.997	PH	48303	380398	6.98%	0.136%
54	4.007	3.997	4.020	HH	619	5753	0.11%	0.002%
55	4.029	4.020	4.063	HH	315	2872	0.05%	0.001%
56	4.076	4.063	4.098	PH	467	1670	0.03%	0.001%
57	4.144	4.098	4.166	PH	1641	10665	0.20%	0.004%
58	4.173	4.166	4.194	HH	377	4264	0.08%	0.002%
59	4.207	4.194	4.227	HH	158	969	0.02%	0.000%
60	4.238	4.227	4.265	PH	467	143	0.00%	0.000%
61	4.269	4.265	4.272	PH	-283	-1390	-0.03%	-0.000%
62	4.306	4.272	4.322	PH	182	-1949	-0.04%	-0.001%
63	4.340	4.322	4.358	PH	80	-81	-0.00%	-0.000%
64	4.381	4.358	4.403	PH	4134	36510	0.67%	0.013%
65	4.421	4.403	4.440	HH	679	6025	0.11%	0.002%
66	4.451	4.440	4.464	PH	201	922	0.02%	0.000%
67	4.476	4.464	4.504	HH	346	2134	0.04%	0.001%
68	4.526	4.504	4.569	PH	3339	29675	0.54%	0.011%
69	4.584	4.569	4.616	PH	602	8273	0.15%	0.003%
70	4.636	4.616	4.651	HH	1285	11338	0.21%	0.004%
71	4.666	4.651	4.679	PH	353	2055	0.04%	0.001%
72	4.713	4.679	4.725	PH	864	8312	0.15%	0.003%
73	4.733	4.725	4.739	HH	199	1098	0.02%	0.000%
74	4.758	4.739	4.777	HH	717	6960	0.13%	0.002%
75	4.797	4.777	4.820	PH	670	6222	0.11%	0.002%
76	4.835	4.820	4.845	PH	509	3097	0.06%	0.001%
77	4.855	4.845	4.892	HH	313	174	0.00%	0.000%
78	4.922	4.892	4.960	PH	531	6205	0.11%	0.002%
79	4.972	4.960	4.980	PH	260	1396	0.03%	0.000%
80	4.992	4.980	5.005	HH	631	4609	0.08%	0.002%
81	5.023	5.005	5.045	PH	1031	10857	0.20%	0.004%
82	5.062	5.045	5.086	HH	1252	15634	0.29%	0.006%
83	5.101	5.086	5.112	HH	1830	16246	0.30%	0.006%
84	5.123	5.112	5.145	HH	1268	12146	0.22%	0.004%
85	5.153	5.145	5.166	PH	29	-1250	-0.02%	-0.000%
86	5.185	5.166	5.205	PH	65	-1955	-0.04%	-0.001%
87	5.236	5.205	5.270	PH	1301	17000	0.31%	0.006%
88	5.287	5.270	5.302	HH	343	4550	0.08%	0.002%
89	5.310	5.302	5.328	HH	466	3722	0.07%	0.001%

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90	5.344	5.328	5.355	PH	132	739	0.01%	0.000%
91	5.371	5.355	5.396	PH	266	182	0.00%	0.000%
92	5.421	5.396	5.439	PH	9284	89406	1.64%	0.032%
93	5.450	5.439	5.482	HH	1134	13368	0.25%	0.005%
94	5.493	5.482	5.506	HH	233	1476	0.03%	0.001%
95	5.520	5.506	5.534	PH	187	1221	0.02%	0.000%
96	5.541	5.534	5.545	PH	37	31	0.00%	0.000%
97	5.550	5.545	5.554	PH	55	82	0.00%	0.000%
98	5.559	5.554	5.564	PH	42	105	0.00%	0.000%
99	5.607	5.564	5.645	PH	1684	23894	0.44%	0.009%
100	5.670	5.645	5.684	HH	393	5367	0.10%	0.002%
101	5.706	5.684	5.714	HH	1654	16674	0.31%	0.006%
102	5.718	5.714	5.743	HH	1345	12563	0.23%	0.004%
103	5.763	5.743	5.780	PH	576	7664	0.14%	0.003%
104	5.792	5.780	5.809	HH	589	5497	0.10%	0.002%
105	5.831	5.809	5.860	HH	544	8460	0.16%	0.003%
106	5.875	5.860	5.898	HH	810	7499	0.14%	0.003%
107	5.926	5.898	5.947	PH	887	12351	0.23%	0.004%
108	5.970	5.947	6.001	HH	15548	160338	2.94%	0.057%
109	6.020	6.001	6.045	HH	1837	25671	0.47%	0.009%
110	6.062	6.045	6.085	HH	2273	27192	0.50%	0.010%
111	6.121	6.085	6.137	HH	2985	47032	0.86%	0.017%
112	6.144	6.137	6.173	HH	926	13947	0.26%	0.005%
113	6.188	6.173	6.199	HH	659	8281	0.15%	0.003%
114	6.211	6.199	6.227	HH	691	10016	0.18%	0.004%
115	6.245	6.227	6.268	HH	1612	25444	0.47%	0.009%
116	6.285	6.268	6.304	HH	1134	17223	0.32%	0.006%
117	6.334	6.304	6.350	HH	962	20843	0.38%	0.007%
118	6.359	6.350	6.369	HH	734	7080	0.13%	0.003%
119	6.402	6.369	6.449	HH	12957	151590	2.78%	0.054%
120	6.494	6.449	6.501	HH	602	12598	0.23%	0.005%
121	6.520	6.501	6.534	HH	2290	27168	0.50%	0.010%
122	6.551	6.534	6.574	HH	5141	59819	1.10%	0.021%
123	6.596	6.574	6.613	HH	1604	25044	0.46%	0.009%
124	6.622	6.613	6.637	HH	854	9518	0.17%	0.003%
125	6.647	6.637	6.658	HH	621	6487	0.12%	0.002%
126	6.681	6.658	6.699	HH	1554	22067	0.40%	0.008%
127	6.724	6.699	6.750	HH	1631	31907	0.59%	0.011%
128	6.762	6.750	6.774	HH	756	8684	0.16%	0.003%
129	6.803	6.774	6.830	HH	1912	33253	0.61%	0.012%
130	6.869	6.830	6.884	HH	1153	24729	0.45%	0.009%
131	6.902	6.884	6.910	HH	2227	25256	0.46%	0.009%
132	6.918	6.910	6.943	HH	2171	31717	0.58%	0.011%
133	6.961	6.943	6.985	HH	2954	40234	0.74%	0.014%
134	7.025	6.985	7.047	HH	8673	128405	2.36%	0.046%
135	7.062	7.047	7.085	HH	2403	37721	0.69%	0.014%
136	7.105	7.085	7.142	HH	5869	84563	1.55%	0.030%
137	7.160	7.142	7.184	HH	5939	69975	1.28%	0.025%
138	7.204	7.184	7.222	HH	1982	32477	0.60%	0.012%
139	7.227	7.222	7.240	HH	1137	11916	0.22%	0.004%
140	7.254	7.240	7.266	HH	1146	15110	0.28%	0.005%
141	7.326	7.266	7.355	HH	15561	214055	3.93%	0.077%

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142	7.375	7.355	7.391	HH	1370	25558	0.47%	0.009%
143	7.414	7.391	7.434	HH	1424	32112	0.59%	0.011%
144	7.448	7.434	7.452	HH	1560	15798	0.29%	0.006%
145	7.456	7.452	7.475	HH	1524	19211	0.35%	0.007%
146	7.500	7.475	7.533	HH	3344	67376	1.24%	0.024%
147	7.553	7.533	7.572	HH	1391	26915	0.49%	0.010%
148	7.620	7.572	7.629	HH	1594	42022	0.77%	0.015%
149	7.663	7.629	7.680	HH	2325	53927	0.99%	0.019%
150	7.692	7.680	7.701	HH	1655	18979	0.35%	0.007%
151	7.706	7.701	7.720	HH	1616	18225	0.33%	0.007%
152	7.748	7.720	7.767	HH	4875	85780	1.57%	0.031%
153	7.779	7.767	7.795	HH	2899	42789	0.79%	0.015%
154	7.804	7.795	7.826	HH	2627	37655	0.69%	0.013%
155	7.846	7.826	7.865	HH	2948	47017	0.86%	0.017%
156	7.896	7.865	7.919	HH	4107	88192	1.62%	0.032%
157	7.948	7.919	7.982	HH	3767	100178	1.84%	0.036%
158	8.017	7.982	8.052	HH	8869	168470	3.09%	0.060%
159	8.078	8.052	8.092	HH	2554	54455	1.00%	0.019%
160	8.121	8.092	8.136	HH	7363	116599	2.14%	0.042%
161	8.149	8.136	8.169	HH	5680	79607	1.46%	0.028%
162	8.196	8.169	8.223	HH	16637	234254	4.30%	0.084%
163	8.252	8.223	8.275	HH	32780	377577	6.93%	0.135%
164	8.305	8.275	8.333	HH	5947	141266	2.59%	0.051%
165	8.360	8.333	8.379	HH	5221	95794	1.76%	0.034%
166	8.395	8.379	8.409	HH	3550	55703	1.02%	0.020%
167	8.419	8.409	8.433	HH	3221	42426	0.78%	0.015%
168	8.444	8.433	8.473	HH	2681	57049	1.05%	0.020%
169	8.488	8.473	8.509	HH	2741	50732	0.93%	0.018%
170	8.525	8.509	8.536	HH	2218	32076	0.59%	0.011%
171	8.555	8.536	8.578	HH	3844	77529	1.42%	0.028%
172	8.601	8.578	8.630	HH	10531	174523	3.20%	0.062%
173	8.653	8.630	8.676	HH	5631	124476	2.28%	0.045%
174	8.691	8.676	8.705	HH	3844	62773	1.15%	0.022%
175	8.733	8.705	8.760	HH	9410	180836	3.32%	0.065%
176	8.786	8.760	8.802	HH	3771	79051	1.45%	0.028%
177	8.813	8.802	8.821	HH	3275	33943	0.62%	0.012%
178	8.840	8.821	8.856	HH	5490	89307	1.64%	0.032%
179	8.873	8.856	8.897	HH	8650	130418	2.39%	0.047%
180	8.917	8.897	8.950	HH	5966	132728	2.44%	0.048%
181	8.963	8.950	8.980	HH	4177	65001	1.19%	0.023%
182	9.017	8.980	9.038	HH	18507	292890	5.37%	0.105%
183	9.051	9.038	9.085	HH	6127	118260	2.17%	0.042%
184	9.105	9.085	9.132	HH	3668	84406	1.55%	0.030%
185	9.166	9.132	9.183	HH	5605	115559	2.12%	0.041%
186	9.199	9.183	9.235	HH	5383	118365	2.17%	0.042%
187	9.251	9.235	9.267	HH	3912	64593	1.19%	0.023%
188	9.303	9.267	9.329	HH	5984	154243	2.83%	0.055%
189	9.347	9.329	9.363	HH	3509	66980	1.23%	0.024%
190	9.386	9.363	9.431	HH	11235	254737	4.67%	0.091%
191	9.437	9.431	9.442	HH	3875	24220	0.44%	0.009%
192	9.467	9.442	9.497	HH	6820	173112	3.18%	0.062%
193	9.534	9.497	9.552	HH	6114	158765	2.91%	0.057%
194	9.590	9.552	9.609	HH	5210	161663	2.97%	0.058%

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195	9.624	9.609	9.651	HH	4245	94024	1.73%	0.034%
196	9.670	9.651	9.687	HH	3970	80186	1.47%	0.029%
197	9.709	9.687	9.729	HH	6163	124351	2.28%	0.045%
198	9.756	9.729	9.774	HH	5277	130723	2.40%	0.047%
199	9.798	9.774	9.852	HH	19659	374629	6.87%	0.134%
200	9.870	9.852	9.888	HH	4566	91274	1.67%	0.033%
201	9.904	9.888	9.930	HH	4779	105685	1.94%	0.038%
202	9.970	9.930	9.999	HH	5304	171524	3.15%	0.061%
203	10.013	9.999	10.023	HH	3932	56627	1.04%	0.020%
204	10.042	10.023	10.055	HH	4100	75431	1.38%	0.027%
205	10.071	10.055	10.094	HH	4212	88077	1.62%	0.032%
206	10.133	10.094	10.162	HH	7223	200005	3.67%	0.072%
207	10.186	10.162	10.210	HH	11311	215226	3.95%	0.077%
208	10.236	10.210	10.253	HH	7448	156804	2.88%	0.056%
209	10.272	10.253	10.294	HH	7974	160797	2.95%	0.058%
210	10.311	10.294	10.325	HH	6884	117231	2.15%	0.042%
211	10.330	10.325	10.364	HH	6428	120764	2.22%	0.043%
212	10.383	10.364	10.415	HH	7936	183925	3.37%	0.066%
213	10.438	10.415	10.458	HH	10188	190960	3.50%	0.068%
214	10.468	10.458	10.483	HH	6801	94802	1.74%	0.034%
215	10.492	10.483	10.500	HH	5979	61320	1.13%	0.022%
216	10.537	10.500	10.568	HH	19854	422874	7.76%	0.151%
217	10.609	10.568	10.646	HH	14627	457132	8.39%	0.164%
218	10.656	10.646	10.675	HH	8011	122201	2.24%	0.044%
219	10.695	10.675	10.724	HH	7133	180322	3.31%	0.065%
220	10.732	10.724	10.738	HH	5326	45081	0.83%	0.016%
221	10.758	10.738	10.765	HH	7982	110432	2.03%	0.040%
222	10.788	10.765	10.835	HH	73751	956488	17.55%	0.342%
223	10.868	10.835	10.902	HH	26400	557733	10.23%	0.200%
224	10.930	10.902	10.944	HH	7255	168691	3.10%	0.060%
225	10.964	10.944	10.984	HH	11754	200565	3.68%	0.072%
226	10.995	10.984	11.010	HH	6512	95561	1.75%	0.034%
227	11.044	11.010	11.059	HH	7665	191640	3.52%	0.069%
228	11.076	11.059	11.123	HH	10997	283353	5.20%	0.101%
229	11.151	11.123	11.165	HH	6481	152150	2.79%	0.054%
230	11.180	11.165	11.199	HH	7056	132535	2.43%	0.047%
231	11.241	11.199	11.267	HH	17607	391385	7.18%	0.140%
232	11.331	11.267	11.362	HH	12316	476825	8.75%	0.171%
233	11.401	11.362	11.421	HH	10214	271751	4.99%	0.097%
234	11.438	11.421	11.460	HH	9300	184403	3.38%	0.066%
235	11.483	11.460	11.519	HH	8947	259890	4.77%	0.093%
236	11.540	11.519	11.569	HH	7800	221450	4.06%	0.079%
237	11.593	11.569	11.607	HH	15639	256297	4.70%	0.092%
238	11.623	11.607	11.645	HH	18895	296125	5.43%	0.106%
239	11.653	11.645	11.670	HH	9034	127792	2.34%	0.046%
240	11.689	11.670	11.695	HH	11495	151920	2.79%	0.054%
241	11.708	11.695	11.724	HH	13953	201257	3.69%	0.072%
242	11.741	11.724	11.755	HH	13944	210167	3.86%	0.075%
243	11.771	11.755	11.824	HH	15455	397635	7.30%	0.142%
244	11.851	11.824	11.868	HH	8367	199422	3.66%	0.071%
245	11.912	11.868	11.933	HH	17730	439421	8.06%	0.157%
246	11.949	11.933	11.972	HH	11866	231720	4.25%	0.083%

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247	11.991	11.972	12.014	HH	8750	209322	3.84%	0.075%
248	12.031	12.014	12.035	HH	7950	100269	1.84%	0.036%
249	12.065	12.035	12.105	HH	13881	414255	7.60%	0.148%
250	12.128	12.105	12.147	HH	9190	216556	3.97%	0.078%
251	12.162	12.147	12.177	HH	8907	151164	2.77%	0.054%
252	12.187	12.177	12.192	HH	8794	80426	1.48%	0.029%
253	12.212	12.192	12.230	HH	9594	206365	3.79%	0.074%
254	12.250	12.230	12.256	HH	8659	128674	2.36%	0.046%
255	12.276	12.256	12.285	HH	9234	157928	2.90%	0.057%
256	12.295	12.285	12.299	HH	9840	78181	1.43%	0.028%
257	12.321	12.299	12.362	HH	10692	374514	6.87%	0.134%
258	12.383	12.362	12.424	HH	11955	387379	7.11%	0.139%
259	12.443	12.424	12.465	HH	13329	275436	5.05%	0.099%
260	12.494	12.465	12.515	HH	16967	383816	7.04%	0.137%
261	12.554	12.515	12.583	HH	20070	552058	10.13%	0.198%
262	12.610	12.583	12.651	HH	82840	1223048	22.44%	0.438%
263	12.671	12.651	12.687	HH	10310	214800	3.94%	0.077%
264	12.706	12.687	12.724	HH	10134	217455	3.99%	0.078%
265	12.744	12.724	12.756	HH	11602	210473	3.86%	0.075%
266	12.780	12.756	12.806	HH	15893	407738	7.48%	0.146%
267	12.814	12.806	12.839	HH	13185	244846	4.49%	0.088%
268	12.841	12.839	12.867	HH	11468	189453	3.48%	0.068%
269	12.909	12.867	12.934	HH	74418	1133006	20.79%	0.406%
270	12.965	12.934	12.981	HH	17994	420982	7.72%	0.151%
271	12.998	12.981	13.027	HH	17668	381031	6.99%	0.136%
272	13.048	13.027	13.062	HH	12799	250381	4.59%	0.090%
273	13.081	13.062	13.090	HH	14026	217196	3.99%	0.078%
274	13.103	13.090	13.130	HH	14978	323342	5.93%	0.116%
275	13.171	13.130	13.188	HH	20444	533603	9.79%	0.191%
276	13.211	13.188	13.235	HH	43938	740172	13.58%	0.265%
277	13.245	13.235	13.262	HH	14173	216184	3.97%	0.077%
278	13.279	13.262	13.287	HH	13143	190953	3.50%	0.068%
279	13.305	13.287	13.328	HH	16328	347553	6.38%	0.124%
280	13.338	13.328	13.348	HH	13262	153706	2.82%	0.055%
281	13.369	13.348	13.426	HH	17149	686259	12.59%	0.246%
282	13.435	13.426	13.453	HH	13022	208420	3.82%	0.075%
283	13.499	13.453	13.535	HH	21341	781770	14.34%	0.280%
284	13.570	13.535	13.579	HH	14962	374838	6.88%	0.134%
285	13.607	13.579	13.627	HH	20209	494464	9.07%	0.177%
286	13.646	13.627	13.667	HH	20402	415286	7.62%	0.149%
287	13.690	13.667	13.718	HH	16183	465025	8.53%	0.166%
288	13.754	13.718	13.767	HH	21668	522170	9.58%	0.187%
289	13.774	13.767	13.797	HH	20545	325629	5.97%	0.117%
290	13.817	13.797	13.856	HH	18997	570820	10.47%	0.204%
291	13.894	13.856	13.921	HH	15610	585733	10.75%	0.210%
292	13.935	13.921	13.940	HH	15093	170571	3.13%	0.061%
293	13.959	13.940	13.969	HH	17159	278277	5.11%	0.100%
294	13.980	13.969	14.010	HH	17133	412090	7.56%	0.148%
295	14.033	14.010	14.051	HH	16388	381550	7.00%	0.137%
296	14.055	14.051	14.065	HH	15464	128613	2.36%	0.046%
297	14.084	14.065	14.096	HH	15948	289858	5.32%	0.104%
298	14.118	14.096	14.123	HH	16631	263086	4.83%	0.094%
299	14.140	14.123	14.160	HH	19160	390094	7.16%	0.140%

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300	14.184	14.160	14.212	HH	19208	558239	10.24%	0.200%
301	14.233	14.212	14.255	HH	22707	509302	9.35%	0.182%
302	14.277	14.255	14.295	HH	19051	424731	7.79%	0.152%
303	14.317	14.295	14.354	HH	22676	677867	12.44%	0.243%
304	14.377	14.354	14.385	HH	18623	335858	6.16%	0.120%
305	14.414	14.385	14.430	HH	22348	555917	10.20%	0.199%
306	14.441	14.430	14.456	HH	18950	288152	5.29%	0.103%
307	14.478	14.456	14.497	HH	26012	520348	9.55%	0.186%
308	14.537	14.497	14.562	HH	23698	775443	14.23%	0.278%
309	14.578	14.562	14.587	HH	18143	267143	4.90%	0.096%
310	14.603	14.587	14.618	HH	19192	348173	6.39%	0.125%
311	14.656	14.618	14.689	HH	92893	1795066	32.94%	0.643%
312	14.695	14.689	14.722	HH	19156	365812	6.71%	0.131%
313	14.747	14.722	14.760	HH	20872	456071	8.37%	0.163%
314	14.789	14.760	14.810	HH	51637	936218	17.18%	0.335%
315	14.831	14.810	14.852	HH	49254	840947	15.43%	0.301%
316	14.857	14.852	14.889	HH	23481	478043	8.77%	0.171%
317	14.902	14.889	14.919	HH	20327	355157	6.52%	0.127%
318	14.952	14.919	14.974	HH	24758	712627	13.08%	0.255%
319	14.995	14.974	15.009	HH	20926	435617	7.99%	0.156%
320	15.028	15.009	15.045	HH	21841	447465	8.21%	0.160%
321	15.051	15.045	15.064	HH	20118	220920	4.05%	0.079%
322	15.089	15.064	15.122	HH	22826	753133	13.82%	0.270%
323	15.138	15.122	15.164	HH	22220	530741	9.74%	0.190%
324	15.172	15.164	15.200	HH	20918	450815	8.27%	0.161%
325	15.237	15.200	15.322	HH	53559	2014102	36.96%	0.721%
326	15.334	15.322	15.353	HH	21493	391996	7.19%	0.140%
327	15.395	15.353	15.421	HH	31519	1072708	19.68%	0.384%
328	15.432	15.421	15.446	HH	24303	355667	6.53%	0.127%
329	15.464	15.446	15.488	HH	29483	662741	12.16%	0.237%
330	15.504	15.488	15.529	HH	25260	579077	10.63%	0.207%
331	15.534	15.529	15.540	HH	22153	148789	2.73%	0.053%
332	15.628	15.540	15.669	HH	26755	1866277	34.24%	0.668%
333	15.706	15.669	15.733	HH	26004	938281	17.22%	0.336%
334	15.753	15.733	15.779	HH	25224	667333	12.24%	0.239%
335	15.789	15.779	15.807	HH	25182	423838	7.78%	0.152%
336	15.815	15.807	15.828	HH	25244	303265	5.56%	0.109%
337	15.830	15.828	15.837	HH	24606	139111	2.55%	0.050%
338	15.842	15.837	15.846	HH	24318	122177	2.24%	0.044%
339	15.882	15.846	15.928	HH	31704	1331295	24.43%	0.477%
340	15.947	15.928	15.960	HH	25990	489505	8.98%	0.175%
341	15.964	15.960	15.977	HH	25205	247522	4.54%	0.089%
342	15.984	15.977	15.995	HH	25065	273791	5.02%	0.098%
343	16.000	15.995	16.030	HH	25136	516775	9.48%	0.185%
344	16.073	16.030	16.109	HH	28922	1270896	23.32%	0.455%
345	16.116	16.109	16.120	HH	26666	186708	3.43%	0.067%
346	16.133	16.120	16.150	HH	27878	488291	8.96%	0.175%
347	16.179	16.150	16.186	HH	29333	599094	10.99%	0.214%
348	16.192	16.186	16.223	HH	29316	635551	11.66%	0.227%
349	16.255	16.223	16.303	HH	38999	1528324	28.04%	0.547%
350	16.354	16.303	16.419	HH	59946	2614625	47.98%	0.936%
351	16.447	16.419	16.458	HH	30412	704192	12.92%	0.252%

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352	16.489	16.458	16.514	HH	39422	1136587	20.86%	0.407%
353	16.525	16.514	16.557	HH	32368	820101	15.05%	0.294%
354	16.572	16.557	16.582	HH	31917	473652	8.69%	0.170%
355	16.615	16.582	16.627	HH	33437	871503	15.99%	0.312%
356	16.674	16.627	16.697	HH	50726	1643950	30.16%	0.588%
357	16.730	16.697	16.776	HH	57850	1844507	33.84%	0.660%
358	16.834	16.776	16.862	HH	52866	2007344	36.83%	0.719%
359	16.883	16.862	16.901	HH	45404	970475	17.81%	0.347%
360	16.911	16.901	16.937	HH	39066	791149	14.52%	0.283%
361	16.978	16.937	16.985	HH	36250	1010620	18.54%	0.362%
362	16.989	16.985	17.027	HH	35631	865998	15.89%	0.310%
363	17.037	17.027	17.048	HH	35645	445898	8.18%	0.160%
364	17.052	17.048	17.059	HH	35726	235996	4.33%	0.084%
365	17.087	17.059	17.094	HH	37917	774896	14.22%	0.277%
366	17.101	17.094	17.124	HH	37165	655832	12.03%	0.235%
367	17.129	17.124	17.135	HH	36043	249607	4.58%	0.089%
368	17.156	17.135	17.170	HH	38331	784305	14.39%	0.281%
369	17.198	17.170	17.220	HH	47939	1250093	22.94%	0.447%
370	17.224	17.220	17.244	HH	39381	574178	10.54%	0.206%
371	17.260	17.244	17.265	HH	39459	483507	8.87%	0.173%
372	17.287	17.265	17.314	HH	53021	1299044	23.84%	0.465%
373	17.322	17.314	17.344	HH	38973	686397	12.59%	0.246%
374	17.347	17.344	17.355	HH	37712	261485	4.80%	0.094%
375	17.369	17.355	17.379	HH	39037	534248	9.80%	0.191%
376	17.403	17.379	17.439	HH	41322	1416840	26.00%	0.507%
377	17.457	17.439	17.476	HH	39553	870470	15.97%	0.312%
378	17.504	17.476	17.508	HH	38705	733421	13.46%	0.263%
379	17.513	17.508	17.530	HH	38699	486713	8.93%	0.174%
380	17.537	17.530	17.541	HH	37859	264932	4.86%	0.095%
381	17.563	17.541	17.578	HH	40030	856598	15.72%	0.307%
382	17.584	17.578	17.601	HH	39268	524916	9.63%	0.188%
383	17.630	17.601	17.639	HH	41448	913981	16.77%	0.327%
384	17.646	17.639	17.679	HH	41850	989809	18.16%	0.354%
385	17.725	17.679	17.752	HH	58272	2068130	37.95%	0.740%
386	17.812	17.752	17.846	HH	46028	2424071	44.48%	0.868%
387	17.874	17.846	17.898	HH	52395	1494608	27.42%	0.535%
388	17.928	17.898	17.988	HH	80850	3037515	55.74%	1.087%
389	18.013	17.988	18.028	HH	48114	1112732	20.42%	0.398%
390	18.081	18.028	18.122	HH	92741	3537609	64.91%	1.266%
391	18.149	18.122	18.178	HH	68964	1932858	35.47%	0.692%
392	18.186	18.178	18.198	HH	46663	547705	10.05%	0.196%
393	18.203	18.198	18.210	HH	46913	327461	6.01%	0.117%
394	18.241	18.210	18.257	HH	57858	1487771	27.30%	0.533%
395	18.269	18.257	18.305	HH	53612	1485796	27.26%	0.532%
396	18.310	18.305	18.328	HH	47998	632233	11.60%	0.226%
397	18.359	18.328	18.378	HH	63135	1613842	29.61%	0.578%
398	18.400	18.378	18.420	HH	53402	1324456	24.30%	0.474%
399	18.426	18.420	18.462	HH	51444	1266648	23.24%	0.453%
400	18.468	18.462	18.471	HH	49958	278870	5.12%	0.100%
401	18.493	18.471	18.509	HH	53726	1174376	21.55%	0.420%
402	18.554	18.509	18.620	HH	65215	3770436	69.18%	1.350%
403	18.667	18.620	18.695	HH	64521	2571784	47.19%	0.921%
404	18.718	18.695	18.738	HH	59832	1482084	27.19%	0.530%

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405	18.768	18.738	18.807	HH	69446	2528346	46.39%	0.905%
406	18.813	18.807	18.816	HH	56970	313130	5.75%	0.112%
407	18.832	18.816	18.861	HH	59503	1559637	28.62%	0.558%
408	18.913	18.861	18.940	HH	97039	3378328	61.99%	1.209%
409	18.959	18.940	18.992	HH	76018	2122901	38.95%	0.760%
410	18.996	18.992	19.017	HH	61668	931489	17.09%	0.333%
411	19.038	19.017	19.055	HH	64233	1434788	26.33%	0.514%
412	19.091	19.055	19.114	HH	67065	2240015	41.10%	0.802%
413	19.118	19.114	19.120	HH	61102	219984	4.04%	0.079%
414	19.153	19.120	19.158	HH	63146	1424116	26.13%	0.510%
415	19.165	19.158	19.173	HH	63359	569671	10.45%	0.204%
416	19.196	19.173	19.229	HH	67635	2175064	39.91%	0.779%
417	19.251	19.229	19.259	HH	64329	1126838	20.68%	0.403%
418	19.261	19.259	19.285	HH	63572	992381	18.21%	0.355%
419	19.304	19.285	19.309	HH	62581	881326	16.17%	0.315%
420	19.312	19.309	19.316	HH	62281	272084	4.99%	0.097%
421	19.349	19.316	19.375	HH	68774	2326807	42.69%	0.833%
422	19.381	19.375	19.387	HH	68425	508532	9.33%	0.182%
423	19.405	19.387	19.429	HH	70084	1701837	31.23%	0.609%
424	19.440	19.429	19.488	HH	70140	2412667	44.27%	0.864%
425	19.522	19.488	19.547	HH	73433	2467478	45.28%	0.883%
426	19.590	19.547	19.608	HH	73506	2594922	47.61%	0.929%
427	19.631	19.608	19.657	HH	73295	2105165	38.63%	0.754%
428	19.697	19.657	19.705	HH	82431	2193410	40.25%	0.785%
429	19.711	19.705	19.740	HH	78850	1615214	29.64%	0.578%
430	19.758	19.740	19.764	HH	75925	1070731	19.65%	0.383%
431	19.772	19.764	19.778	HH	76773	612365	11.24%	0.219%
432	19.780	19.778	19.795	HH	75716	758694	13.92%	0.272%
433	19.809	19.795	19.828	HH	74978	1499470	27.51%	0.537%
434	19.900	19.828	19.929	HH	84084	4754948	87.25%	1.702%
435	19.964	19.929	19.979	HH	81735	2366234	43.42%	0.847%
436	19.999	19.979	20.024	HH	82684	2188316	40.15%	0.783%
437	20.043	20.024	20.068	HH	81455	2134289	39.16%	0.764%
438	20.086	20.068	20.114	HH	85116	2300081	42.20%	0.823%
439	20.125	20.114	20.142	HH	84019	1386978	25.45%	0.496%
440	20.152	20.142	20.159	HH	84430	901754	16.55%	0.323%
441	20.166	20.159	20.185	HH	84880	1295621	23.77%	0.464%
442	20.193	20.185	20.200	HH	83863	760007	13.95%	0.272%
443	20.212	20.200	20.219	HH	84249	939284	17.23%	0.336%
444	20.251	20.219	20.256	HH	86823	1892033	34.72%	0.677%
445	20.259	20.256	20.272	HH	86577	813854	14.93%	0.291%
446	20.294	20.272	20.307	HH	87232	1812288	33.25%	0.649%
447	20.320	20.307	20.328	HH	87190	1116225	20.48%	0.400%
448	20.342	20.328	20.374	HH	88386	2375085	43.58%	0.850%
449	20.387	20.374	20.399	HH	89679	1328884	24.38%	0.476%
450	20.450	20.399	20.480	HH	92100	4415668	81.02%	1.581%
451	20.483	20.480	20.494	HH	90097	719388	13.20%	0.257%
452	20.500	20.494	20.525	HH	89772	1653454	30.34%	0.592%
453	20.558	20.525	20.565	HH	90442	2190275	40.19%	0.784%
454	20.568	20.565	20.595	HH	90670	1573390	28.87%	0.563%
455	20.612	20.595	20.637	HH	90796	2285460	41.94%	0.818%
456	20.654	20.637	20.663	HH	89324	1367638	25.09%	0.490%

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457	20.675	20.663	20.686	HH	89829	1227758	22.53%	0.439%
458	20.691	20.686	20.724	HH	89858	2065949	37.91%	0.739%
459	20.744	20.724	20.759	HH	89474	1812205	33.25%	0.649%
460	20.771	20.759	20.788	HH	88282	1555651	28.54%	0.557%
461	20.804	20.788	20.809	HH	88430	1085265	19.91%	0.388%
462	20.833	20.809	20.865	HH	90471	3016609	55.35%	1.080%
463	20.877	20.865	20.894	HH	87008	1472916	27.03%	0.527%
464	20.900	20.894	20.912	HH	86965	958125	17.58%	0.343%
465	20.919	20.912	20.932	HH	86803	1041582	19.11%	0.373%
466	20.938	20.932	20.976	HH	86279	2219441	40.72%	0.794%
467	20.994	20.976	21.012	HH	85197	1831392	33.60%	0.656%
468	21.021	21.012	21.032	HH	84223	996443	18.28%	0.357%
469	21.037	21.032	21.045	HH	83897	679117	12.46%	0.243%
470	21.053	21.045	21.057	HH	84435	570147	10.46%	0.204%
471	21.063	21.057	21.080	HH	84861	1183938	21.72%	0.424%
472	21.097	21.080	21.105	HH	84620	1267507	23.26%	0.454%
473	21.122	21.105	21.131	HH	85362	1278968	23.47%	0.458%
474	21.135	21.131	21.150	HH	84698	963039	17.67%	0.345%
475	21.157	21.150	21.190	HH	84730	2051398	37.64%	0.734%
476	21.208	21.190	21.219	HH	83679	1409474	25.86%	0.505%
477	21.223	21.219	21.235	HH	82687	788814	14.47%	0.282%
478	21.262	21.235	21.311	HH	86218	3847355	70.60%	1.377%
479	21.317	21.311	21.341	HH	82152	1484152	27.23%	0.531%
480	21.352	21.341	21.374	HH	81913	1586628	29.11%	0.568%
481	21.378	21.374	21.383	HH	81256	422226	7.75%	0.151%
482	21.390	21.383	21.424	HH	81688	2018966	37.05%	0.723%
483	21.435	21.424	21.441	HH	80387	809694	14.86%	0.290%
484	21.456	21.441	21.462	HH	80481	987438	18.12%	0.353%
485	21.491	21.462	21.520	HH	81993	2855318	52.39%	1.022%
486	21.522	21.520	21.526	HH	80670	270771	4.97%	0.097%
487	21.537	21.526	21.555	HH	81333	1419144	26.04%	0.508%
488	21.564	21.555	21.571	HH	81724	757889	13.91%	0.271%
489	21.588	21.571	21.624	HH	83006	2596531	47.64%	0.929%
490	21.629	21.624	21.642	HH	81072	908758	16.67%	0.325%
491	21.647	21.642	21.652	HH	80869	437651	8.03%	0.157%
492	21.677	21.652	21.705	HH	82006	2624362	48.15%	0.939%
493	21.724	21.705	21.730	HH	83087	1178707	21.63%	0.422%
494	21.745	21.730	21.840	HHA	83979	5449873	100.00%	1.951%
					Sum of corrected areas:		279376715	

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