Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101519\
Data File : FF005806.D
Signal(s) : FID2B.ch
Acq On : 15 Oct 2019 13:44
Sample : K5355-04
Misc :
ALS Vial : 56 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	2.317	2.292	2.336	BH	392	-2073	-0.01%	-0.000%
2	2.341	2.336	2.366	PH	-339	-6118	-0.04%	-0.001%
3	2.372	2.366	2.377	PH	-269	-2284	-0.01%	-0.000%
4	2.381	2.377	2.401	PH	-299	-5555	-0.04%	-0.001%
5	2.406	2.401	2.427	PH	-396	-7024	-0.04%	-0.001%
6	2.454	2.427	2.464	PH	-345	-9881	-0.06%	-0.001%
7	2.475	2.464	2.485	PH	-240	-4771	-0.03%	-0.001%
8	2.503	2.485	2.537	PH	59	-7985	-0.05%	-0.001%
9	2.544	2.537	2.551	PH	-292	-3131	-0.02%	-0.000%
10	2.562	2.551	2.578	PH	-0	-3518	-0.02%	-0.000%
11	2.595	2.578	2.603	PH	-126	-4355	-0.03%	-0.000%
12	2.617	2.603	2.635	PH	151	-4278	-0.03%	-0.000%
13	2.648	2.635	2.665	PH	-13	-5358	-0.03%	-0.001%
14	2.675	2.665	2.683	PH	-300	-4381	-0.03%	-0.000%
15	2.688	2.683	2.702	PH	-324	-4154	-0.03%	-0.000%
16	2.712	2.702	2.718	PH	-321	-3457	-0.02%	-0.000%
17	2.720	2.718	2.731	PH	-345	-3084	-0.02%	-0.000%
18	2.737	2.731	2.762	PH	-380	-9206	-0.06%	-0.001%
19	2.777	2.762	2.791	PH	385	-1804	-0.01%	-0.000%
20	2.800	2.791	2.834	PH	-279	-12113	-0.08%	-0.001%
21	2.840	2.834	2.849	PH	-569	-5394	-0.03%	-0.001%
22	2.867	2.849	2.906	PH	1227	4381	0.03%	0.000%
23	2.926	2.906	2.937	PH	-151	-7364	-0.05%	-0.001%
24	2.944	2.937	2.959	PH	-326	-5583	-0.04%	-0.001%
25	2.979	2.959	2.989	PH	-320	-7467	-0.05%	-0.001%
26	2.999	2.989	3.004	PH	-50	-2180	-0.01%	-0.000%
27	3.013	3.004	3.022	PH	-84	-2136	-0.01%	-0.000%
28	3.047	3.022	3.072	PH	455	-2406	-0.02%	-0.000%
29	3.095	3.072	3.117	PH	667	-6282	-0.04%	-0.001%
30	3.130	3.117	3.145	PH	232	-3685	-0.02%	-0.000%
31	3.160	3.145	3.181	PH	-388	-11024	-0.07%	-0.001%
32	3.189	3.181	3.210	PH	-560	-12346	-0.08%	-0.001%
33	3.230	3.210	3.259	PH	2083	4675	0.03%	0.001%
34	3.262	3.259	3.278	PH	-434	-6242	-0.04%	-0.001%
35	3.291	3.278	3.298	PH	-577	-8189	-0.05%	-0.001%
36	3.314	3.298	3.329	PH	-426	-10248	-0.07%	-0.001%

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37	3.345	3.329	3.357	PH	42	-6511	-0.04%	-0.001%
38	3.364	3.357	3.381	PH	-462	-8856	-0.06%	-0.001%
39	3.387	3.381	3.421	PH	-710	-19063	-0.12%	-0.002%
40	3.446	3.421	3.462	PH	-564	-18466	-0.12%	-0.002%
41	3.472	3.462	3.489	PH	-507	-10446	-0.07%	-0.001%
42	3.497	3.489	3.522	PH	-651	-15672	-0.10%	-0.002%
43	3.545	3.522	3.580	PH	-505	-24515	-0.16%	-0.003%
44	3.588	3.580	3.596	PH	-782	-8164	-0.05%	-0.001%
45	3.638	3.596	3.664	PH	1660	-3984	-0.03%	-0.000%
46	3.678	3.664	3.701	PH	-378	-14100	-0.09%	-0.002%
47	3.722	3.701	3.740	PH	248	-7494	-0.05%	-0.001%
48	3.757	3.740	3.772	PH	-85	-7749	-0.05%	-0.001%
49	3.792	3.772	3.810	PH	-383	-11850	-0.08%	-0.001%
50	3.820	3.810	3.826	PH	-518	-5414	-0.03%	-0.001%
51	3.841	3.826	3.853	PH	416	-1692	-0.01%	-0.000%
52	3.860	3.853	3.877	PH	-124	-6978	-0.04%	-0.001%
53	3.891	3.877	3.906	PH	-152	-8930	-0.06%	-0.001%
54	3.926	3.906	3.973	PH	43	-19848	-0.13%	-0.002%
55	3.996	3.973	4.021	PH	49177	366976	2.33%	0.041%
56	4.029	4.021	4.072	HH	650	1051	0.01%	0.000%
57	4.082	4.072	4.089	PH	-414	-4899	-0.03%	-0.001%
58	4.109	4.089	4.133	PH	-178	-11216	-0.07%	-0.001%
59	4.160	4.133	4.169	PH	-243	-10996	-0.07%	-0.001%
60	4.181	4.169	4.199	PH	898	3084	0.02%	0.000%
61	4.217	4.199	4.253	PH	495	-5575	-0.04%	-0.001%
62	4.264	4.253	4.312	PH	-411	-22468	-0.14%	-0.003%
63	4.331	4.312	4.354	PH	-540	-17591	-0.11%	-0.002%
64	4.371	4.354	4.387	PH	-329	-9952	-0.06%	-0.001%
65	4.417	4.387	4.440	PH	580	-9506	-0.06%	-0.001%
66	4.459	4.440	4.474	PH	533	-2629	-0.02%	-0.000%
67	4.489	4.474	4.507	PH	41	-4898	-0.03%	-0.001%
68	4.520	4.507	4.545	PH	-93	-8581	-0.05%	-0.001%
69	4.566	4.545	4.598	PH	3017	11589	0.07%	0.001%
70	4.632	4.598	4.657	PH	755	1587	0.01%	0.000%
71	4.673	4.657	4.689	PH	447	-1099	-0.01%	-0.000%
72	4.702	4.689	4.715	PH	-2	-4638	-0.03%	-0.001%
73	4.752	4.715	4.766	PH	789	-3298	-0.02%	-0.000%
74	4.769	4.766	4.781	PH	-137	-1568	-0.01%	-0.000%
75	4.792	4.781	4.814	PH	140	-4542	-0.03%	-0.001%
76	4.831	4.814	4.858	PH	539	-2683	-0.02%	-0.000%
77	4.872	4.858	4.879	PH	-200	-4592	-0.03%	-0.001%
78	4.893	4.879	4.916	PH	579	-2004	-0.01%	-0.000%
79	4.919	4.916	4.932	PH	-578	-6346	-0.04%	-0.001%
80	4.964	4.932	4.977	PH	9	-7199	-0.05%	-0.001%
81	4.985	4.977	5.000	PH	-210	-5071	-0.03%	-0.001%
82	5.025	5.000	5.040	PH	139	-3513	-0.02%	-0.000%
83	5.059	5.040	5.085	PH	99	-6998	-0.04%	-0.001%
84	5.113	5.085	5.124	PH	476	-4354	-0.03%	-0.000%
85	5.138	5.124	5.149	PH	1053	6634	0.04%	0.001%
86	5.158	5.149	5.179	HH	570	359	0.00%	0.000%
87	5.188	5.179	5.206	PH	-246	-8894	-0.06%	-0.001%
88	5.229	5.206	5.237	PH	-476	-11910	-0.08%	-0.001%
89	5.273	5.237	5.300	PH	1607	3613	0.02%	0.000%

90	5.322	5.300	5.333	PH	-57	-3342	-0.02%	-0.000%
91	5.348	5.333	5.364	PH	586	1361	0.01%	0.000%
92	5.377	5.364	5.389	PH	-281	-6480	-0.04%	-0.001%
93	5.403	5.389	5.431	PH	-229	-13682	-0.09%	-0.002%
94	5.457	5.431	5.469	PH	1444	5334	0.03%	0.001%
95	5.485	5.469	5.508	HH	1523	14928	0.09%	0.002%
96	5.521	5.508	5.540	PH	-122	-5386	-0.03%	-0.001%
97	5.546	5.540	5.555	PH	-394	-4066	-0.03%	-0.000%
98	5.568	5.555	5.577	PH	-236	-5076	-0.03%	-0.001%
99	5.587	5.577	5.598	PH	-276	-4701	-0.03%	-0.001%
100	5.641	5.598	5.664	PH	3154	25905	0.16%	0.003%
101	5.672	5.664	5.682	PH	156	522	0.00%	0.000%
102	5.715	5.682	5.724	PH	315	3879	0.02%	0.000%
103	5.739	5.724	5.747	HH	1614	14851	0.09%	0.002%
104	5.752	5.747	5.777	HH	1229	9582	0.06%	0.001%
105	5.793	5.777	5.813	PH	459	3070	0.02%	0.000%
106	5.827	5.813	5.839	PH	345	936	0.01%	0.000%
107	5.854	5.839	5.859	PH	388	3089	0.02%	0.000%
108	5.863	5.859	5.894	HH	365	810	0.01%	0.000%
109	5.910	5.894	5.929	PH	646	3003	0.02%	0.000%
110	5.959	5.929	5.969	PH	1223	14335	0.09%	0.002%
111	5.976	5.969	5.984	HH	1253	9816	0.06%	0.001%
112	6.003	5.984	6.023	HH	8746	89512	0.57%	0.010%
113	6.033	6.023	6.041	HH	657	6402	0.04%	0.001%
114	6.051	6.041	6.085	HH	1299	15091	0.10%	0.002%
115	6.108	6.085	6.121	HH	1029	13823	0.09%	0.002%
116	6.154	6.121	6.170	HH	2798	47002	0.30%	0.005%
117	6.181	6.170	6.206	HH	1714	26781	0.17%	0.003%
118	6.221	6.206	6.234	HH	1565	17367	0.11%	0.002%
119	6.249	6.234	6.265	HH	1559	23057	0.15%	0.003%
120	6.279	6.265	6.299	HH	2352	33441	0.21%	0.004%
121	6.320	6.299	6.335	HH	1225	19773	0.13%	0.002%
122	6.360	6.335	6.381	HH	2054	36304	0.23%	0.004%
123	6.392	6.381	6.406	HH	1260	16622	0.11%	0.002%
124	6.435	6.406	6.483	HH	2279	55959	0.36%	0.006%
125	6.527	6.483	6.541	HH	1218	28369	0.18%	0.003%
126	6.556	6.541	6.567	HH	1761	23354	0.15%	0.003%
127	6.584	6.567	6.602	HH	4941	60237	0.38%	0.007%
128	6.630	6.602	6.669	HH	3504	68099	0.43%	0.008%
129	6.685	6.669	6.692	HH	1293	15538	0.10%	0.002%
130	6.713	6.692	6.731	HH	2352	39870	0.25%	0.004%
131	6.756	6.731	6.782	HH	2801	54346	0.35%	0.006%
132	6.794	6.782	6.802	HH	1404	15076	0.10%	0.002%
133	6.835	6.802	6.856	HH	3467	63096	0.40%	0.007%
134	6.872	6.856	6.877	HH	1572	18013	0.11%	0.002%
135	6.897	6.877	6.916	HH	2457	47610	0.30%	0.005%
136	6.935	6.916	6.947	HH	3813	55557	0.35%	0.006%
137	6.960	6.947	6.977	HH	4036	57352	0.36%	0.006%
138	6.994	6.977	7.025	HH	4412	83971	0.53%	0.009%
139	7.057	7.025	7.081	HH	8003	140006	0.89%	0.016%
140	7.093	7.081	7.118	HH	2878	54637	0.35%	0.006%
141	7.138	7.118	7.176	HH	8072	148989	0.95%	0.017%

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142	7.193	7.176	7.217	HH	6895	98159	0.62%	0.011%
143	7.236	7.217	7.254	HH	3480	64211	0.41%	0.007%
144	7.264	7.254	7.279	HH	2552	34837	0.22%	0.004%
145	7.284	7.279	7.297	HH	2032	21195	0.13%	0.002%
146	7.357	7.297	7.387	HH	4858	167520	1.06%	0.019%
147	7.410	7.387	7.427	HH	3452	70280	0.45%	0.008%
148	7.434	7.427	7.438	HH	3146	21093	0.13%	0.002%
149	7.447	7.438	7.467	HH	3443	50973	0.32%	0.006%
150	7.494	7.467	7.505	HH	2980	60870	0.39%	0.007%
151	7.534	7.505	7.567	HH	6390	152122	0.97%	0.017%
152	7.585	7.567	7.603	HH	3618	61575	0.39%	0.007%
153	7.651	7.603	7.678	HH	4114	134643	0.86%	0.015%
154	7.694	7.678	7.717	HH	4260	81389	0.52%	0.009%
155	7.783	7.717	7.827	HH	5261	256987	1.63%	0.029%
156	7.838	7.827	7.857	HH	3923	65740	0.42%	0.007%
157	7.877	7.857	7.897	HH	4256	83860	0.53%	0.009%
158	7.936	7.897	7.951	HH	5708	148289	0.94%	0.017%
159	7.968	7.951	7.976	HH	6057	83178	0.53%	0.009%
160	7.984	7.976	8.014	HH	5889	108202	0.69%	0.012%
161	8.049	8.014	8.071	HH	13545	264230	1.68%	0.030%
162	8.076	8.071	8.091	HH	4472	50070	0.32%	0.006%
163	8.114	8.091	8.128	HH	5601	111868	0.71%	0.013%
164	8.153	8.128	8.167	HH	11386	180050	1.14%	0.020%
165	8.180	8.167	8.195	HH	9517	123330	0.78%	0.014%
166	8.209	8.195	8.216	HH	7386	85031	0.54%	0.010%
167	8.225	8.216	8.252	HH	7259	133533	0.85%	0.015%
168	8.285	8.252	8.311	HH	64976	768503	4.88%	0.086%
169	8.337	8.311	8.371	HH	50348	685384	4.36%	0.077%
170	8.392	8.371	8.410	HH	11023	187137	1.19%	0.021%
171	8.422	8.410	8.435	HH	6433	90308	0.57%	0.010%
172	8.450	8.435	8.465	HH	6785	106567	0.68%	0.012%
173	8.475	8.465	8.489	HH	5584	74997	0.48%	0.008%
174	8.503	8.489	8.539	HH	5658	151936	0.97%	0.017%
175	8.557	8.539	8.563	HH	4399	62408	0.40%	0.007%
176	8.585	8.563	8.603	HH	7247	138859	0.88%	0.016%
177	8.631	8.603	8.657	HH	14757	279280	1.77%	0.031%
178	8.689	8.657	8.714	HH	10745	253131	1.61%	0.028%
179	8.763	8.714	8.784	HH	13838	359847	2.29%	0.040%
180	8.789	8.784	8.807	HH	6449	82354	0.52%	0.009%
181	8.821	8.807	8.830	HH	6088	80088	0.51%	0.009%
182	8.846	8.830	8.854	HH	7421	95466	0.61%	0.011%
183	8.871	8.854	8.888	HH	11525	187789	1.19%	0.021%
184	8.904	8.888	8.927	HH	12142	203559	1.29%	0.023%
185	8.945	8.927	8.956	HH	7589	116273	0.74%	0.013%
186	8.966	8.956	8.975	HH	7169	80356	0.51%	0.009%
187	8.994	8.975	9.009	HH	8438	145730	0.93%	0.016%
188	9.041	9.009	9.061	HH	13263	276242	1.76%	0.031%
189	9.080	9.061	9.116	HH	13201	270461	1.72%	0.030%
190	9.138	9.116	9.161	HH	6904	163248	1.04%	0.018%
191	9.197	9.161	9.214	HH	13004	257681	1.64%	0.029%
192	9.227	9.214	9.244	HH	10615	145832	0.93%	0.016%
193	9.255	9.244	9.262	HH	6315	66315	0.42%	0.007%
194	9.280	9.262	9.296	HH	8885	147087	0.93%	0.016%

195	9.312	9.296	9.316	HH	7447	82624	0.53%	0.009%
196	9.332	9.316	9.352	HH	12847	207551	1.32%	0.023%
197	9.370	9.352	9.392	HH	9666	193147	1.23%	0.022%
198	9.414	9.392	9.432	HH	17116	275225	1.75%	0.031%
199	9.440	9.432	9.472	HH	10420	200135	1.27%	0.022%
200	9.496	9.472	9.525	HH	14647	321900	2.05%	0.036%
201	9.535	9.525	9.546	HH	8395	97473	0.62%	0.011%
202	9.561	9.546	9.579	HH	11492	197434	1.25%	0.022%
203	9.593	9.579	9.607	HH	9521	147325	0.94%	0.017%
204	9.620	9.607	9.640	HH	10439	175512	1.12%	0.020%
205	9.674	9.640	9.716	HH	9004	344754	2.19%	0.039%
206	9.738	9.716	9.765	HH	11465	276136	1.75%	0.031%
207	9.787	9.765	9.807	HH	9559	222832	1.42%	0.025%
208	9.830	9.807	9.877	HH	14616	437185	2.78%	0.049%
209	9.897	9.877	9.915	HH	8050	176345	1.12%	0.020%
210	9.932	9.915	9.972	HH	8718	252048	1.60%	0.028%
211	9.999	9.972	10.026	HH	9727	253355	1.61%	0.028%
212	10.032	10.026	10.053	HH	6987	105594	0.67%	0.012%
213	10.071	10.053	10.080	HH	6836	109458	0.70%	0.012%
214	10.101	10.080	10.134	HH	7799	230167	1.46%	0.026%
215	10.158	10.134	10.190	HH	10384	277789	1.77%	0.031%
216	10.214	10.190	10.239	HH	15446	319175	2.03%	0.036%
217	10.267	10.239	10.279	HH	12565	245081	1.56%	0.027%
218	10.293	10.279	10.317	HH	14019	252597	1.61%	0.028%
219	10.337	10.317	10.387	HH	14193	432954	2.75%	0.049%
220	10.409	10.387	10.446	HH	15921	400692	2.55%	0.045%
221	10.465	10.446	10.486	HH	20504	363613	2.31%	0.041%
222	10.496	10.486	10.508	HH	11970	154234	0.98%	0.017%
223	10.517	10.508	10.528	HH	11633	132577	0.84%	0.015%
224	10.541	10.528	10.552	HH	12721	176504	1.12%	0.020%
225	10.566	10.552	10.574	HH	13395	167251	1.06%	0.019%
226	10.579	10.574	10.595	HH	13242	150651	0.96%	0.017%
227	10.635	10.595	10.657	HH	23026	621464	3.95%	0.070%
228	10.665	10.657	10.674	HH	12419	120841	0.77%	0.014%
229	10.684	10.674	10.702	HH	11971	191481	1.22%	0.021%
230	10.725	10.702	10.746	HH	12336	286901	1.82%	0.032%
231	10.782	10.746	10.791	HH	12812	285916	1.82%	0.032%
232	10.814	10.791	10.856	HH	124881	1589579	10.10%	0.178%
233	10.889	10.856	10.929	HH	48939	877148	5.57%	0.098%
234	10.955	10.929	10.975	HH	10662	276914	1.76%	0.031%
235	10.989	10.975	11.010	HH	10035	202850	1.29%	0.023%
236	11.057	11.010	11.077	HH	11376	410597	2.61%	0.046%
237	11.098	11.077	11.116	HH	21541	348084	2.21%	0.039%
238	11.123	11.116	11.144	HH	12706	191688	1.22%	0.021%
239	11.172	11.144	11.186	HH	11437	262451	1.67%	0.029%
240	11.225	11.186	11.249	HH	12860	452966	2.88%	0.051%
241	11.265	11.249	11.282	HH	14287	253038	1.61%	0.028%
242	11.303	11.282	11.310	HH	12630	209166	1.33%	0.023%
243	11.355	11.310	11.383	HH	20693	659947	4.19%	0.074%
244	11.414	11.383	11.436	HH	13145	362726	2.30%	0.041%
245	11.465	11.436	11.489	HH	14738	398766	2.53%	0.045%
246	11.508	11.489	11.536	HH	13581	353831	2.25%	0.040%

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247	11.562	11.536	11.586	HH	12608	357997	2.27%	0.040%
248	11.615	11.586	11.630	HH	30424	509409	3.24%	0.057%
249	11.646	11.630	11.666	HH	35232	501901	3.19%	0.056%
250	11.679	11.666	11.694	HH	17058	253547	1.61%	0.028%
251	11.713	11.694	11.717	HH	22108	250978	1.59%	0.028%
252	11.731	11.717	11.748	HH	31159	444172	2.82%	0.050%
253	11.764	11.748	11.779	HH	26793	389139	2.47%	0.044%
254	11.795	11.779	11.822	HH	29612	524101	3.33%	0.059%
255	11.835	11.822	11.845	HH	12995	172182	1.09%	0.019%
256	11.871	11.845	11.892	HH	14295	366154	2.33%	0.041%
257	11.934	11.892	11.947	HH	17447	517136	3.29%	0.058%
258	11.968	11.947	11.990	HH	28310	509318	3.24%	0.057%
259	12.021	11.990	12.054	HH	16137	566396	3.60%	0.064%
260	12.057	12.054	12.066	HH	13967	99156	0.63%	0.011%
261	12.087	12.066	12.107	HH	24907	460748	2.93%	0.052%
262	12.118	12.107	12.131	HH	14880	201685	1.28%	0.023%
263	12.146	12.131	12.151	HH	15807	179647	1.14%	0.020%
264	12.182	12.151	12.216	HH	102668	1587890	10.09%	0.178%
265	12.235	12.216	12.254	HH	18584	379176	2.41%	0.043%
266	12.264	12.254	12.280	HH	15532	236546	1.50%	0.027%
267	12.296	12.280	12.307	HH	16102	252419	1.60%	0.028%
268	12.314	12.307	12.320	HH	16241	118335	0.75%	0.013%
269	12.338	12.320	12.352	HH	17608	333719	2.12%	0.037%
270	12.358	12.352	12.387	HH	17504	335507	2.13%	0.038%
271	12.406	12.387	12.444	HH	20892	609872	3.88%	0.068%
272	12.462	12.444	12.494	HH	26259	592421	3.76%	0.066%
273	12.516	12.494	12.535	HH	31887	596464	3.79%	0.067%
274	12.551	12.535	12.562	HH	22519	344549	2.19%	0.039%
275	12.577	12.562	12.597	HH	25391	473717	3.01%	0.053%
276	12.632	12.597	12.672	HH	207633	2880756	18.30%	0.323%
277	12.691	12.672	12.712	HH	18701	415120	2.64%	0.047%
278	12.767	12.712	12.785	HH	34871	976069	6.20%	0.109%
279	12.795	12.785	12.803	HH	22069	230857	1.47%	0.026%
280	12.819	12.803	12.858	HH	24940	743504	4.72%	0.083%
281	12.872	12.858	12.902	HH	22739	541920	3.44%	0.061%
282	12.930	12.902	12.953	HH	188550	2428990	15.43%	0.272%
283	12.985	12.953	13.001	HH	30784	728280	4.63%	0.082%
284	13.016	13.001	13.047	HH	33433	700360	4.45%	0.079%
285	13.066	13.047	13.084	HH	21576	448071	2.85%	0.050%
286	13.103	13.084	13.111	HH	25143	371152	2.36%	0.042%
287	13.124	13.111	13.152	HH	27837	592974	3.77%	0.066%
288	13.195	13.152	13.216	HH	36494	975470	6.20%	0.109%
289	13.264	13.216	13.288	HH	28357	1108083	7.04%	0.124%
290	13.301	13.288	13.310	HH	23369	299856	1.91%	0.034%
291	13.326	13.310	13.342	HH	27386	481572	3.06%	0.054%
292	13.357	13.342	13.367	HH	25983	374718	2.38%	0.042%
293	13.409	13.367	13.444	HH	51471	1565215	9.95%	0.175%
294	13.454	13.444	13.470	HH	24919	381568	2.42%	0.043%
295	13.516	13.470	13.549	HH	50654	1571910	9.99%	0.176%
296	13.585	13.549	13.601	HH	27831	833066	5.29%	0.093%
297	13.625	13.601	13.645	HH	39896	849638	5.40%	0.095%
298	13.664	13.645	13.686	HH	42153	828034	5.26%	0.093%
299	13.703	13.686	13.734	HH	30687	841724	5.35%	0.094%

300	13.793	13.734	13.812	HH	46895	1680675	10.68%	0.188%
301	13.833	13.812	13.866	HH	41625	1093599	6.95%	0.123%
302	13.905	13.866	13.923	HH	33021	1060155	6.74%	0.119%
303	13.945	13.923	13.961	HH	30828	692969	4.40%	0.078%
304	13.974	13.961	13.979	HH	31889	341842	2.17%	0.038%
305	14.003	13.979	14.031	HH	33338	1004307	6.38%	0.113%
306	14.047	14.031	14.061	HH	32950	583075	3.70%	0.065%
307	14.065	14.061	14.078	HH	31814	328284	2.09%	0.037%
308	14.099	14.078	14.117	HH	32418	740661	4.71%	0.083%
309	14.131	14.117	14.141	HH	33563	459553	2.92%	0.052%
310	14.158	14.141	14.176	HH	37119	739145	4.70%	0.083%
311	14.210	14.176	14.218	HH	38847	930978	5.92%	0.104%
312	14.223	14.218	14.227	HH	38635	209836	1.33%	0.024%
313	14.249	14.227	14.272	HH	54677	1189951	7.56%	0.133%
314	14.286	14.272	14.309	HH	38207	829505	5.27%	0.093%
315	14.336	14.309	14.342	HH	41726	777277	4.94%	0.087%
316	14.353	14.342	14.369	HH	41364	650800	4.14%	0.073%
317	14.389	14.369	14.401	HH	44011	804689	5.11%	0.090%
318	14.431	14.401	14.449	HH	51520	1349094	8.57%	0.151%
319	14.459	14.449	14.471	HH	43431	546311	3.47%	0.061%
320	14.493	14.471	14.514	HH	67553	1351580	8.59%	0.152%
321	14.551	14.514	14.575	HH	58273	1735772	11.03%	0.195%
322	14.596	14.575	14.602	HH	43035	657664	4.18%	0.074%
323	14.620	14.602	14.639	HH	45280	967561	6.15%	0.108%
324	14.671	14.639	14.706	HH	188218	3687997	23.43%	0.413%
325	14.714	14.706	14.718	HH	42294	319187	2.03%	0.036%
326	14.726	14.718	14.735	HH	42776	412060	2.62%	0.046%
327	14.756	14.735	14.777	HH	59858	1282547	8.15%	0.144%
328	14.805	14.777	14.825	HH	137456	2369735	15.06%	0.266%
329	14.846	14.825	14.869	HH	140788	2272936	14.44%	0.255%
330	14.874	14.869	14.884	HH	47314	423279	2.69%	0.047%
331	14.899	14.884	14.921	HH	49543	1050301	6.67%	0.118%
332	14.964	14.921	14.997	HH	70504	2592816	16.48%	0.291%
333	15.010	14.997	15.025	HH	52741	850518	5.40%	0.095%
334	15.042	15.025	15.076	HH	55088	1554482	9.88%	0.174%
335	15.103	15.076	15.115	HH	57382	1228425	7.81%	0.138%
336	15.119	15.115	15.132	HH	56127	588567	3.74%	0.066%
337	15.146	15.132	15.177	HH	58722	1515178	9.63%	0.170%
338	15.186	15.177	15.217	HH	53284	1255706	7.98%	0.141%
339	15.250	15.217	15.286	HH	141623	3363403	21.37%	0.377%
340	15.291	15.286	15.316	HH	57860	1029435	6.54%	0.115%
341	15.322	15.316	15.332	HH	56375	525531	3.34%	0.059%
342	15.347	15.332	15.364	HH	55993	1079646	6.86%	0.121%
343	15.396	15.364	15.420	HH	63072	1997052	12.69%	0.224%
344	15.478	15.420	15.499	HH	84749	3190825	20.28%	0.358%
345	15.515	15.499	15.550	HH	70164	2013867	12.80%	0.226%
346	15.561	15.550	15.572	HH	64645	803265	5.10%	0.090%
347	15.623	15.572	15.629	HH	76007	2323764	14.77%	0.261%
348	15.640	15.629	15.681	HH	77828	2242813	14.25%	0.251%
349	15.719	15.681	15.744	HH	71410	2577586	16.38%	0.289%
350	15.778	15.744	15.787	HH	71755	1813756	11.52%	0.203%
351	15.807	15.787	15.817	HH	74537	1315171	8.36%	0.147%

352	15.830	15.817	15.854	HH	74589	1605325	10.20%	0.180%
353	15.899	15.854	15.910	HH	81622	2542192	16.15%	0.285%
354	15.915	15.910	15.935	HH	79488	1153755	7.33%	0.129%
355	15.940	15.935	15.942	HH	74260	321077	2.04%	0.036%
356	15.950	15.942	15.971	HH	75471	1286133	8.17%	0.144%
357	15.991	15.971	16.000	HH	76469	1302711	8.28%	0.146%
358	16.011	16.000	16.030	HH	77087	1392881	8.85%	0.156%
359	16.036	16.030	16.042	HH	74612	530465	3.37%	0.059%
360	16.089	16.042	16.129	HH	93514	4308387	27.38%	0.483%
361	16.148	16.129	16.162	HH	89036	1682851	10.69%	0.189%
362	16.200	16.162	16.219	HH	93646	3076538	19.55%	0.345%
363	16.235	16.219	16.242	HH	89712	1177875	7.48%	0.132%
364	16.266	16.242	16.274	HH	103228	1917581	12.18%	0.215%
365	16.286	16.274	16.318	HH	107796	2555654	16.24%	0.287%
366	16.366	16.318	16.384	HH	218882	5428756	34.50%	0.609%
367	16.391	16.384	16.429	HH	145323	3093447	19.66%	0.347%
368	16.451	16.429	16.456	HH	100671	1544697	9.82%	0.173%
369	16.496	16.456	16.518	HH	136366	4264461	27.10%	0.478%
370	16.532	16.518	16.537	HH	110097	1188339	7.55%	0.133%
371	16.542	16.537	16.572	HH	110071	2260657	14.36%	0.253%
372	16.593	16.572	16.604	HH	109917	2116349	13.45%	0.237%
373	16.622	16.604	16.637	HH	112724	2157527	13.71%	0.242%
374	16.686	16.637	16.717	HH	203826	6884056	43.74%	0.772%
375	16.745	16.717	16.772	HH	219442	4947383	31.44%	0.555%
376	16.775	16.772	16.784	HH	114516	824745	5.24%	0.092%
377	16.845	16.784	16.862	HH	160877	6062459	38.52%	0.680%
378	16.877	16.862	16.888	HH	135439	2054981	13.06%	0.230%
379	16.899	16.888	16.925	HH	136016	2915358	18.52%	0.327%
380	16.929	16.925	16.932	HH	124928	548247	3.48%	0.061%
381	16.957	16.932	16.965	HH	128235	2511736	15.96%	0.282%
382	16.985	16.965	16.990	HH	132032	1953769	12.41%	0.219%
383	16.994	16.990	17.007	HH	132480	1351528	8.59%	0.152%
384	17.016	17.007	17.022	HH	130896	1173881	7.46%	0.132%
385	17.049	17.022	17.069	HH	137400	3803539	24.17%	0.426%
386	17.101	17.069	17.134	HH	147489	5486200	34.86%	0.615%
387	17.165	17.134	17.190	HH	144345	4805657	30.54%	0.539%
388	17.208	17.190	17.221	HH	145095	2583006	16.41%	0.290%
389	17.241	17.221	17.251	HH	156752	2733074	17.37%	0.306%
390	17.271	17.251	17.294	HH	161619	3995644	25.39%	0.448%
391	17.297	17.294	17.312	HH	150980	1572114	9.99%	0.176%
392	17.332	17.312	17.357	HH	154269	4100856	26.06%	0.460%
393	17.376	17.357	17.387	HH	153211	2668099	16.95%	0.299%
394	17.414	17.387	17.442	HH	170016	5281526	33.56%	0.592%
395	17.448	17.442	17.453	HH	152048	968002	6.15%	0.109%
396	17.474	17.453	17.487	HH	161667	3214121	20.42%	0.360%
397	17.503	17.487	17.514	HH	155796	2460093	15.63%	0.276%
398	17.533	17.514	17.553	HH	158666	3640551	23.13%	0.408%
399	17.594	17.553	17.600	HH	158841	4329450	27.51%	0.485%
400	17.602	17.600	17.610	HH	158620	991455	6.30%	0.111%
401	17.639	17.610	17.666	HH	170013	5509724	35.01%	0.618%
402	17.733	17.666	17.763	HH	193752	10270078	65.26%	1.151%
403	17.789	17.763	17.812	HH	181117	5070862	32.22%	0.569%
404	17.845	17.812	17.851	HH	177811	4013872	25.50%	0.450%

405	17.887	17.851	17.953	HH	217723	11846286	75.27%	1.328%
406	17.967	17.953	17.997	HH	185583	4788418	30.43%	0.537%
407	18.027	17.997	18.042	HH	200324	5156620	32.77%	0.578%
408	18.051	18.042	18.062	HH	191512	2257463	14.34%	0.253%
409	18.091	18.062	18.100	HH	225929	4751538	30.19%	0.533%
410	18.118	18.100	18.141	HH	268734	5706687	36.26%	0.640%
411	18.158	18.141	18.183	HH	209434	5055073	32.12%	0.567%
412	18.203	18.183	18.210	HH	202455	3139972	19.95%	0.352%
413	18.220	18.210	18.224	HH	199868	1742112	11.07%	0.195%
414	18.255	18.224	18.273	HH	252957	6584640	41.84%	0.738%
415	18.286	18.273	18.304	HH	226611	4047251	25.72%	0.454%
416	18.311	18.304	18.346	HH	205747	5053720	32.11%	0.567%
417	18.376	18.346	18.399	HH	282949	7347625	46.69%	0.824%
418	18.412	18.399	18.422	HH	205708	2823281	17.94%	0.317%
419	18.430	18.422	18.439	HH	204875	2035997	12.94%	0.228%
420	18.456	18.439	18.474	HH	211469	4366747	27.75%	0.490%
421	18.507	18.474	18.524	HH	224011	6347092	40.33%	0.712%
422	18.530	18.524	18.534	HH	207392	1237135	7.86%	0.139%
423	18.562	18.534	18.587	HH	230204	6910244	43.91%	0.775%
424	18.596	18.587	18.614	HH	210346	3405121	21.64%	0.382%
425	18.631	18.614	18.640	HH	213779	3265874	20.75%	0.366%
426	18.644	18.640	18.651	HH	210983	1378409	8.76%	0.155%
427	18.679	18.651	18.706	HH	245981	7564114	48.06%	0.848%
428	18.727	18.706	18.755	HH	240686	6655592	42.29%	0.746%
429	18.764	18.755	18.776	HH	220177	2729122	17.34%	0.306%
430	18.781	18.776	18.791	HH	218934	1948509	12.38%	0.218%
431	18.813	18.791	18.834	HH	227216	5797332	36.84%	0.650%
432	18.855	18.834	18.879	HH	230709	6113709	38.85%	0.685%
433	18.919	18.879	18.952	HH	250439	10270554	65.26%	1.151%
434	18.964	18.952	18.993	HH	240229	5866076	37.27%	0.658%
435	19.009	18.993	19.037	HH	244684	6255248	39.75%	0.701%
436	19.055	19.037	19.061	HH	243340	3472532	22.07%	0.389%
437	19.077	19.061	19.111	HH	253745	7243753	46.03%	0.812%
438	19.141	19.111	19.146	HH	238285	4882517	31.02%	0.547%
439	19.151	19.146	19.155	HH	237004	1295263	8.23%	0.145%
440	19.161	19.155	19.170	HH	237277	2082182	13.23%	0.233%
441	19.179	19.170	19.201	HH	242165	4464362	28.37%	0.501%
442	19.207	19.201	19.213	HH	239084	1739334	11.05%	0.195%
443	19.238	19.213	19.246	HH	245579	4742859	30.14%	0.532%
444	19.250	19.246	19.258	HH	244477	1759710	11.18%	0.197%
445	19.265	19.258	19.277	HH	243419	2738081	17.40%	0.307%
446	19.289	19.277	19.296	HH	243957	2727954	17.33%	0.306%
447	19.304	19.296	19.309	HH	244691	1870702	11.89%	0.210%
448	19.313	19.309	19.330	HH	246257	3161093	20.09%	0.354%
449	19.338	19.330	19.342	HH	248134	1685899	10.71%	0.189%
450	19.355	19.342	19.373	HH	257295	4689097	29.80%	0.526%
451	19.394	19.373	19.422	HH	263884	7542606	47.93%	0.846%
452	19.436	19.422	19.447	HH	260692	3924170	24.93%	0.440%
453	19.470	19.447	19.476	HH	269966	4592747	29.18%	0.515%
454	19.479	19.476	19.508	HH	268297	5029918	31.96%	0.564%
455	19.538	19.508	19.558	HH	293204	8223658	52.25%	0.922%
456	19.563	19.558	19.572	HH	269162	2227179	14.15%	0.250%

457	19.579	19.572	19.583	HH	269119	1817031	11.55%	0.204%
458	19.601	19.583	19.637	HH	291941	8953286	56.89%	1.004%
459	19.657	19.637	19.669	HH	277391	5216545	33.15%	0.585%
460	19.680	19.669	19.684	HH	275366	2442516	15.52%	0.274%
461	19.716	19.684	19.756	HH	295503	12297172	78.14%	1.379%
462	19.763	19.756	19.773	HH	279965	2919920	18.55%	0.327%
463	19.787	19.773	19.806	HH	283963	5448635	34.62%	0.611%
464	19.820	19.806	19.851	HH	282536	7418767	47.14%	0.832%
465	19.914	19.851	19.940	HH	317215	15737708	100.00%	1.764%
466	19.951	19.940	19.957	HH	291041	2842372	18.06%	0.319%
467	19.988	19.957	19.995	HH	306865	6705462	42.61%	0.752%
468	19.998	19.995	20.004	HH	299835	1605042	10.20%	0.180%
469	20.011	20.004	20.024	HH	305322	3645359	23.16%	0.409%
470	20.035	20.024	20.041	HH	294176	2983784	18.96%	0.335%
471	20.061	20.041	20.072	HH	300758	5555715	35.30%	0.623%
472	20.084	20.072	20.090	HH	306422	3147123	20.00%	0.353%
473	20.096	20.090	20.105	HH	302807	2678399	17.02%	0.300%
474	20.110	20.105	20.121	HH	304330	2895640	18.40%	0.325%
475	20.126	20.121	20.134	HH	296815	2403795	15.27%	0.269%
476	20.144	20.134	20.149	HH	299134	2638520	16.77%	0.296%
477	20.165	20.149	20.209	HH	309424	10851205	68.95%	1.217%
478	20.223	20.209	20.232	HH	299889	4179398	26.56%	0.469%
479	20.248	20.232	20.260	HH	312129	5091032	32.35%	0.571%
480	20.270	20.260	20.275	HH	306520	2715164	17.25%	0.304%
481	20.281	20.275	20.286	HH	309215	1974601	12.55%	0.221%
482	20.288	20.286	20.301	HH	308643	2738315	17.40%	0.307%
483	20.322	20.301	20.331	HH	311855	5639624	35.84%	0.632%
484	20.337	20.331	20.344	HH	307180	2346641	14.91%	0.263%
485	20.351	20.344	20.356	HH	305305	2151870	13.67%	0.241%
486	20.359	20.356	20.368	HH	305947	2299458	14.61%	0.258%
487	20.380	20.368	20.390	HH	311097	4039715	25.67%	0.453%
488	20.396	20.390	20.403	HH	306312	2337350	14.85%	0.262%
489	20.410	20.403	20.432	HH	308937	5359312	34.05%	0.601%
490	20.454	20.432	20.468	HH	321056	6663816	42.34%	0.747%
491	20.472	20.468	20.488	HH	319174	3870475	24.59%	0.434%
492	20.504	20.488	20.521	HH	314261	6096910	38.74%	0.684%
493	20.528	20.521	20.537	HH	308958	3060717	19.45%	0.343%
494	20.544	20.537	20.581	HH	308552	7927722	50.37%	0.889%
495	20.590	20.581	20.623	HH	306692	7523407	47.80%	0.843%
496	20.627	20.623	20.632	HH	296965	1686873	10.72%	0.189%
497	20.637	20.632	20.647	HH	295504	2618227	16.64%	0.294%
498	20.653	20.647	20.664	HH	297860	3028207	19.24%	0.340%
499	20.672	20.664	20.677	HH	298672	2373701	15.08%	0.266%
500	20.688	20.677	20.709	HH	301293	5656659	35.94%	0.634%
501	20.733	20.709	20.748	HH	300329	6982211	44.37%	0.783%
502	20.755	20.748	20.764	HH	299486	2860725	18.18%	0.321%
503	20.775	20.764	20.787	HH	299818	4131856	26.25%	0.463%
504	20.793	20.787	20.798	HH	298988	1947559	12.38%	0.218%
505	20.834	20.798	20.865	HH	305830	11883759	75.51%	1.332%
506	20.875	20.865	20.897	HH	286383	5545366	35.24%	0.622%
507	20.908	20.897	20.919	HH	287800	3666364	23.30%	0.411%
508	20.929	20.919	20.948	HH	285492	4995308	31.74%	0.560%
509	20.954	20.948	20.966	HH	284377	2974097	18.90%	0.333%

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510	20.981	20.966	20.987	HH	287125	3535114	22.46%	0.396%
511	20.996	20.987	21.024	HH	286299	6275855	39.88%	0.704%
512	21.033	21.024	21.049	HH	284828	4166245	26.47%	0.467%
513	21.055	21.049	21.062	HH	281295	2164224	13.75%	0.243%
514	21.071	21.062	21.081	HH	286607	3248685	20.64%	0.364%
515	21.085	21.081	21.093	HH	282585	2090599	13.28%	0.234%
516	21.126	21.093	21.131	HH	285016	6415991	40.77%	0.719%
517	21.134	21.131	21.182	HH	283432	8467090	53.80%	0.949%
518	21.203	21.182	21.207	HH	275589	4012780	25.50%	0.450%
519	21.212	21.207	21.235	HH	277567	4702607	29.88%	0.527%
520	21.260	21.235	21.285	HH	280155	8105085	51.50%	0.909%
521	21.291	21.285	21.297	HH	274556	2089520	13.28%	0.234%
522	21.303	21.297	21.306	HH	275722	1367233	8.69%	0.153%
523	21.310	21.306	21.325	HH	276732	3119343	19.82%	0.350%
524	21.332	21.325	21.346	HH	274230	3524943	22.40%	0.395%
525	21.350	21.346	21.396	HH	272876	8066859	51.26%	0.904%
526	21.401	21.396	21.416	HH	267476	3195621	20.31%	0.358%
527	21.421	21.416	21.437	HH	261186	3297438	20.95%	0.370%
528	21.445	21.437	21.458	HH	260256	3265478	20.75%	0.366%
529	21.467	21.458	21.488	HH	258038	4542028	28.86%	0.509%
530	21.493	21.488	21.496	HH	252583	1156326	7.35%	0.130%
531	21.507	21.496	21.518	HH	257776	3421967	21.74%	0.384%
532	21.525	21.518	21.540	HH	255764	3385814	21.51%	0.380%
533	21.549	21.540	21.576	HH	254102	5300227	33.68%	0.594%
534	21.602	21.576	21.639	HH	259461	9569188	60.80%	1.073%
535	21.644	21.639	21.651	HH	249400	1768414	11.24%	0.198%
536	21.656	21.651	21.660	HH	247249	1438049	9.14%	0.161%
537	21.695	21.660	21.702	HH	254343	6245407	39.68%	0.700%
538	21.731	21.702	21.781	HH	267225	12352419	78.49%	1.385%
539	21.787	21.781	21.795	HH	252963	1983372	12.60%	0.222%

Sum of corrected areas: 891951398

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