

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031619\
 Data File : FF003856.D
 Signal(s) : FID2B.ch
 Acq On : 15 Mar 2019 16:29
 Sample : K1908-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.231	2.202	2.252	BH	254	2862	0.04%	0.001%
2	2.260	2.252	2.265	PH	83	224	0.00%	0.000%
3	2.267	2.265	2.302	PH	30	-1250	-0.02%	-0.000%
4	2.306	2.302	2.324	PH	-71	-1602	-0.02%	-0.000%
5	2.329	2.324	2.337	PH	-166	-1431	-0.02%	-0.000%
6	2.347	2.337	2.352	PH	-176	-1749	-0.02%	-0.000%
7	2.363	2.352	2.367	PH	-124	-1592	-0.02%	-0.000%
8	2.393	2.367	2.433	PH	719	3485	0.05%	0.001%
9	2.449	2.433	2.481	PH	1839	11241	0.15%	0.002%
10	2.494	2.481	2.509	PH	359	-109	-0.00%	-0.000%
11	2.519	2.509	2.534	PH	-206	-4465	-0.06%	-0.001%
12	2.553	2.534	2.577	PH	-295	-9670	-0.12%	-0.002%
13	2.594	2.577	2.632	PH	-147	-11070	-0.14%	-0.002%
14	2.638	2.632	2.649	PH	-384	-4645	-0.06%	-0.001%
15	2.661	2.649	2.667	PH	-432	-5240	-0.07%	-0.001%
16	2.682	2.667	2.711	PH	101	-5246	-0.07%	-0.001%
17	2.717	2.711	2.726	PH	-260	-3238	-0.04%	-0.001%
18	2.742	2.726	2.756	PH	-101	-5870	-0.08%	-0.001%
19	2.781	2.756	2.823	PH	86	-8697	-0.11%	-0.002%
20	2.834	2.823	2.849	PH	-188	-4566	-0.06%	-0.001%
21	2.862	2.849	2.912	PH	-156	-10730	-0.14%	-0.002%
22	2.918	2.912	2.922	PH	-329	-2409	-0.03%	-0.000%
23	2.929	2.922	2.933	PH	-281	-2253	-0.03%	-0.000%
24	2.953	2.933	3.108	PH	6813	108620	1.40%	0.020%
25	3.124	3.108	3.134	PH	-139	-3547	-0.05%	-0.001%
26	3.147	3.134	3.162	PH	59	-1705	-0.02%	-0.000%
27	3.171	3.162	3.187	PH	-135	-2984	-0.04%	-0.001%
28	3.191	3.187	3.207	PH	-264	-3565	-0.05%	-0.001%
29	3.225	3.207	3.307	PH	-58	-19908	-0.26%	-0.004%
30	3.319	3.307	3.326	PH	-451	-5388	-0.07%	-0.001%
31	3.328	3.326	3.336	PH	-437	-2890	-0.04%	-0.001%
32	3.340	3.336	3.358	PH	-414	-6475	-0.08%	-0.001%
33	3.366	3.358	3.382	PH	-445	-7961	-0.10%	-0.001%
34	3.392	3.382	3.406	PH	-439	-7392	-0.10%	-0.001%
35	3.420	3.406	3.456	PH	-482	-17758	-0.23%	-0.003%
36	3.464	3.456	3.472	PH	-565	-6174	-0.08%	-0.001%

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37	3.489	3.472	3.523	PH	-379	-16699	-0.22%	-0.003%
38	3.542	3.523	3.595	PH	2404	3493	0.05%	0.001%
39	3.599	3.595	3.606	PH	-552	-4081	-0.05%	-0.001%
40	3.641	3.606	3.726	PH	-295	-35062	-0.45%	-0.006%
41	3.744	3.726	3.754	PH	-364	-7668	-0.10%	-0.001%
42	3.762	3.754	3.789	PH	-292	-9222	-0.12%	-0.002%
43	3.793	3.789	3.798	PH	-554	-3084	-0.04%	-0.001%
44	3.819	3.798	3.845	PH	-395	-14647	-0.19%	-0.003%
45	3.848	3.845	3.857	PH	-590	-4721	-0.06%	-0.001%
46	3.866	3.857	3.870	PH	-575	-4800	-0.06%	-0.001%
47	3.875	3.870	3.886	PH	-564	-5612	-0.07%	-0.001%
48	3.924	3.886	4.036	PH	4102	64606	0.83%	0.012%
49	4.062	4.036	4.084	PH	8783	123492	1.60%	0.023%
50	4.097	4.084	4.251	HH	4198	91267	1.18%	0.017%
51	4.259	4.251	4.296	PH	-76	-3480	-0.04%	-0.001%
52	4.317	4.296	4.344	PH	118	-3370	-0.04%	-0.001%
53	4.355	4.344	4.371	PH	-3	-2362	-0.03%	-0.000%
54	4.377	4.371	4.389	PH	-95	-2056	-0.03%	-0.000%
55	4.392	4.389	4.399	PH	-157	-1266	-0.02%	-0.000%
56	4.414	4.399	4.436	PH	-35	-3606	-0.05%	-0.001%
57	4.462	4.436	4.506	PH	2395	16373	0.21%	0.003%
58	4.529	4.506	4.651	PH	4985	42714	0.55%	0.008%
59	4.677	4.651	4.710	PH	-238	-13951	-0.18%	-0.003%
60	4.729	4.710	4.756	PH	-446	-14829	-0.19%	-0.003%
61	4.783	4.756	4.810	PH	-328	-16558	-0.21%	-0.003%
62	4.817	4.810	4.822	PH	-599	-4780	-0.06%	-0.001%
63	4.843	4.822	4.887	PH	-460	-25482	-0.33%	-0.005%
64	4.910	4.887	4.940	PH	-229	-16962	-0.22%	-0.003%
65	4.992	4.940	5.023	PH	-19	-21195	-0.27%	-0.004%
66	5.031	5.023	5.046	PH	-391	-6630	-0.09%	-0.001%
67	5.065	5.046	5.075	PH	-190	-6174	-0.08%	-0.001%
68	5.088	5.075	5.106	PH	-243	-6467	-0.08%	-0.001%
69	5.122	5.106	5.160	PH	1912	25000	0.32%	0.005%
70	5.177	5.160	5.224	PH	2144	15666	0.20%	0.003%
71	5.240	5.224	5.262	PH	-380	-11819	-0.15%	-0.002%
72	5.299	5.262	5.342	PH	11122	116513	1.51%	0.021%
73	5.358	5.342	5.392	PH	575	4735	0.06%	0.001%
74	5.407	5.392	5.454	PH	1604	12504	0.16%	0.002%
75	5.466	5.454	5.509	PH	-375	-17737	-0.23%	-0.003%
76	5.514	5.509	5.522	PH	-627	-5517	-0.07%	-0.001%
77	5.540	5.522	5.581	PH	-309	-21312	-0.28%	-0.004%
78	5.616	5.581	5.635	PH	972	7270	0.09%	0.001%
79	5.652	5.635	5.664	HH	2233	25424	0.33%	0.005%
80	5.676	5.664	5.752	HH	2572	19881	0.26%	0.004%
81	5.759	5.752	5.791	PH	-608	-14913	-0.19%	-0.003%
82	5.801	5.791	5.833	PH	-467	-14713	-0.19%	-0.003%
83	5.840	5.833	5.842	PH	-582	-3499	-0.05%	-0.001%
84	5.866	5.842	5.877	PH	-97	-7611	-0.10%	-0.001%
85	5.903	5.877	5.939	PH	5538	64371	0.83%	0.012%
86	5.953	5.939	5.984	HH	726	8897	0.11%	0.002%
87	5.997	5.984	6.021	PH	230	-1227	-0.02%	-0.000%
88	6.057	6.021	6.127	PH	1772	2725	0.04%	0.001%
89	6.141	6.127	6.164	PH	-329	-11006	-0.14%	-0.002%

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90	6.186	6.164	6.204	PH	-242	-9307	-0.12%	-0.002%
91	6.209	6.204	6.214	PH	-342	-2233	-0.03%	-0.000%
92	6.226	6.214	6.249	PH	-101	-6355	-0.08%	-0.001%
93	6.288	6.249	6.320	PH	10346	118064	1.53%	0.022%
94	6.340	6.320	6.356	HH	6576	72017	0.93%	0.013%
95	6.370	6.356	6.433	HH	5000	55685	0.72%	0.010%
96	6.440	6.433	6.462	PH	-116	-3870	-0.05%	-0.001%
97	6.483	6.462	6.502	PH	378	-1639	-0.02%	-0.000%
98	6.519	6.502	6.543	PH	-63	-6851	-0.09%	-0.001%
99	6.553	6.543	6.569	PH	-441	-8070	-0.10%	-0.001%
100	6.604	6.569	6.629	PH	-307	-16853	-0.22%	-0.003%
101	6.656	6.629	6.689	PH	463	1924	0.02%	0.000%
102	6.702	6.689	6.715	PH	25	-744	-0.01%	-0.000%
103	6.735	6.715	6.752	PH	375	1128	0.01%	0.000%
104	6.767	6.752	6.779	PH	-54	-1586	-0.02%	-0.000%
105	6.787	6.779	6.811	PH	-25	-3952	-0.05%	-0.001%
106	6.829	6.811	6.841	PH	-23	-2722	-0.04%	-0.000%
107	6.862	6.841	6.874	PH	850	9181	0.12%	0.002%
108	6.891	6.874	6.923	HH	2971	35610	0.46%	0.007%
109	6.959	6.923	7.012	HH	3547	73146	0.94%	0.013%
110	7.037	7.012	7.065	HH	1735	22278	0.29%	0.004%
111	7.090	7.065	7.126	HH	9171	107213	1.39%	0.020%
112	7.133	7.126	7.149	HH	467	4626	0.06%	0.001%
113	7.153	7.149	7.165	HH	220	1474	0.02%	0.000%
114	7.183	7.165	7.203	HH	2384	23821	0.31%	0.004%
115	7.208	7.203	7.229	HH	325	2747	0.04%	0.001%
116	7.256	7.229	7.289	PH	2674	40351	0.52%	0.007%
117	7.319	7.289	7.358	PH	1952	18287	0.24%	0.003%
118	7.384	7.358	7.406	PH	785	6253	0.08%	0.001%
119	7.430	7.406	7.447	PH	528	5538	0.07%	0.001%
120	7.467	7.447	7.498	HH	2569	30033	0.39%	0.006%
121	7.537	7.498	7.574	PH	849	14220	0.18%	0.003%
122	7.591	7.574	7.609	PH	555	4116	0.05%	0.001%
123	7.623	7.609	7.630	PH	78	281	0.00%	0.000%
124	7.652	7.630	7.664	HH	2054	28292	0.37%	0.005%
125	7.683	7.664	7.717	HH	2714	63596	0.82%	0.012%
126	7.726	7.717	7.763	HH	1663	28122	0.36%	0.005%
127	7.781	7.763	7.803	HH	582	10515	0.14%	0.002%
128	7.845	7.803	7.868	HH	2014	50901	0.66%	0.009%
129	7.882	7.868	7.898	HH	1219	18313	0.24%	0.003%
130	7.906	7.898	7.915	HH	830	7560	0.10%	0.001%
131	7.950	7.915	7.990	HH	5051	115504	1.49%	0.021%
132	8.003	7.990	8.019	HH	1216	19790	0.26%	0.004%
133	8.051	8.019	8.067	HH	7725	106242	1.37%	0.020%
134	8.080	8.067	8.097	HH	5343	73175	0.95%	0.013%
135	8.125	8.097	8.158	HH	5105	121731	1.57%	0.022%
136	8.186	8.158	8.212	HH	33196	414978	5.36%	0.076%
137	8.233	8.212	8.302	HH	29999	496652	6.42%	0.091%
138	8.324	8.302	8.353	HH	3094	66017	0.85%	0.012%
139	8.371	8.353	8.399	HH	1706	37434	0.48%	0.007%
140	8.408	8.399	8.436	HH	900	16954	0.22%	0.003%
141	8.479	8.436	8.490	HH	2356	46938	0.61%	0.009%

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142	8.528	8.490	8.564	HH	16178	250435	3.24%	0.046%
143	8.580	8.564	8.633	HH	4184	122743	1.59%	0.023%
144	8.664	8.633	8.700	HH	3322	85757	1.11%	0.016%
145	8.716	8.700	8.735	HH	1585	30053	0.39%	0.006%
146	8.742	8.735	8.748	HH	1489	11595	0.15%	0.002%
147	8.771	8.748	8.785	HH	3318	53236	0.69%	0.010%
148	8.805	8.785	8.832	HH	11307	174047	2.25%	0.032%
149	8.841	8.832	8.856	HH	3384	44461	0.57%	0.008%
150	8.868	8.856	8.921	HH	2895	92647	1.20%	0.017%
151	8.947	8.921	8.969	HH	5122	94915	1.23%	0.017%
152	8.980	8.969	9.022	HH	3426	75703	0.98%	0.014%
153	9.040	9.022	9.069	HH	2411	51137	0.66%	0.009%
154	9.093	9.069	9.114	HH	3654	64314	0.83%	0.012%
155	9.131	9.114	9.157	HH	3712	69092	0.89%	0.013%
156	9.180	9.157	9.202	HH	4693	83028	1.07%	0.015%
157	9.210	9.202	9.216	HH	2385	18359	0.24%	0.003%
158	9.231	9.216	9.255	HH	3334	61819	0.80%	0.011%
159	9.273	9.255	9.290	HH	3528	54697	0.71%	0.010%
160	9.314	9.290	9.374	HH	27306	464636	6.00%	0.085%
161	9.391	9.374	9.424	HH	4491	104459	1.35%	0.019%
162	9.461	9.424	9.481	HH	5965	139381	1.80%	0.026%
163	9.491	9.481	9.507	HH	3635	52544	0.68%	0.010%
164	9.522	9.507	9.544	HH	3734	70512	0.91%	0.013%
165	9.559	9.544	9.567	HH	2835	37195	0.48%	0.007%
166	9.578	9.567	9.614	HH	3202	76736	0.99%	0.014%
167	9.638	9.614	9.675	HH	6171	143049	1.85%	0.026%
168	9.689	9.675	9.706	HH	3165	52481	0.68%	0.010%
169	9.735	9.706	9.783	HH	7963	221053	2.86%	0.041%
170	9.796	9.783	9.824	HH	3633	78724	1.02%	0.014%
171	9.828	9.824	9.866	HH	3070	60730	0.78%	0.011%
172	9.898	9.866	9.924	HH	2612	80559	1.04%	0.015%
173	9.939	9.924	9.968	HH	2285	55477	0.72%	0.010%
174	10.000	9.968	10.015	HH	2692	66015	0.85%	0.012%
175	10.031	10.015	10.042	HH	3207	47206	0.61%	0.009%
176	10.060	10.042	10.090	HH	3525	88060	1.14%	0.016%
177	10.116	10.090	10.139	HH	4847	107399	1.39%	0.020%
178	10.169	10.139	10.180	HH	4711	92232	1.19%	0.017%
179	10.199	10.180	10.221	HH	8240	147983	1.91%	0.027%
180	10.239	10.221	10.277	HH	6222	149648	1.93%	0.027%
181	10.314	10.277	10.334	HH	6938	159702	2.06%	0.029%
182	10.346	10.334	10.357	HH	4436	60791	0.79%	0.011%
183	10.376	10.357	10.413	HH	5593	164521	2.13%	0.030%
184	10.426	10.413	10.434	HH	4444	54500	0.70%	0.010%
185	10.471	10.434	10.496	HH	7307	211832	2.74%	0.039%
186	10.523	10.496	10.568	HH	11283	330042	4.26%	0.061%
187	10.589	10.568	10.600	HH	4699	87217	1.13%	0.016%
188	10.618	10.600	10.637	HH	5449	105836	1.37%	0.019%
189	10.656	10.637	10.669	HH	4517	79570	1.03%	0.015%
190	10.716	10.669	10.769	HH	158929	2052049	26.51%	0.377%
191	10.793	10.769	10.826	HH	42179	650018	8.40%	0.119%
192	10.835	10.826	10.913	HH	8612	343335	4.44%	0.063%
193	10.919	10.913	10.926	HH	5060	38305	0.49%	0.007%
194	10.933	10.926	10.955	HH	5090	84948	1.10%	0.016%

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195	10.976	10.955	10.997	HH	6122	135332	1.75%	0.025%
196	11.018	10.997	11.079	HH	16199	437464	5.65%	0.080%
197	11.085	11.079	11.098	HH	6207	69982	0.90%	0.013%
198	11.119	11.098	11.131	HH	6731	125854	1.63%	0.023%
199	11.171	11.131	11.189	HH	8669	237813	3.07%	0.044%
200	11.212	11.189	11.225	HH	7354	145764	1.88%	0.027%
201	11.256	11.225	11.290	HH	11821	338785	4.38%	0.062%
202	11.319	11.290	11.341	HH	8122	203545	2.63%	0.037%
203	11.372	11.341	11.392	HH	8441	225245	2.91%	0.041%
204	11.415	11.392	11.437	HH	7358	185924	2.40%	0.034%
205	11.455	11.437	11.460	HH	6924	93283	1.21%	0.017%
206	11.480	11.460	11.497	HH	7832	163795	2.12%	0.030%
207	11.522	11.497	11.537	HH	21816	339751	4.39%	0.062%
208	11.553	11.537	11.597	HH	24852	493706	6.38%	0.091%
209	11.633	11.597	11.654	HH	31865	604880	7.81%	0.111%
210	11.669	11.654	11.684	HH	17914	261244	3.37%	0.048%
211	11.700	11.684	11.745	HH	21325	461239	5.96%	0.085%
212	11.783	11.745	11.800	HH	9651	292066	3.77%	0.054%
213	11.824	11.800	11.832	HH	10981	196050	2.53%	0.036%
214	11.844	11.832	11.877	HH	11799	271638	3.51%	0.050%
215	11.901	11.877	11.969	HH	13875	594806	7.68%	0.109%
216	11.997	11.969	12.034	HH	17566	468379	6.05%	0.086%
217	12.054	12.034	12.084	HH	11563	324084	4.19%	0.060%
218	12.100	12.084	12.132	HH	14032	337819	4.36%	0.062%
219	12.163	12.132	12.188	HH	11894	373971	4.83%	0.069%
220	12.198	12.188	12.216	HH	11468	187372	2.42%	0.034%
221	12.246	12.216	12.262	HH	12569	331488	4.28%	0.061%
222	12.268	12.262	12.297	HH	12652	244293	3.16%	0.045%
223	12.317	12.297	12.327	HH	14190	238929	3.09%	0.044%
224	12.331	12.327	12.362	HH	13868	253357	3.27%	0.047%
225	12.389	12.362	12.403	HH	14829	330479	4.27%	0.061%
226	12.424	12.403	12.443	HH	23298	430521	5.56%	0.079%
227	12.459	12.443	12.471	HH	17247	270717	3.50%	0.050%
228	12.486	12.471	12.514	HH	19862	439077	5.67%	0.081%
229	12.539	12.514	12.604	HH	166344	2632804	34.01%	0.483%
230	12.618	12.604	12.653	HH	14398	412319	5.33%	0.076%
231	12.680	12.653	12.709	HH	24123	612783	7.92%	0.113%
232	12.727	12.709	12.750	HH	19947	432834	5.59%	0.079%
233	12.784	12.750	12.809	HH	19464	609086	7.87%	0.112%
234	12.838	12.809	12.877	HH	147940	2166085	27.98%	0.398%
235	12.896	12.877	12.913	HH	24695	453782	5.86%	0.083%
236	12.931	12.913	12.964	HH	28852	659505	8.52%	0.121%
237	12.976	12.964	12.999	HH	17566	365283	4.72%	0.067%
238	13.016	12.999	13.034	HH	20627	392436	5.07%	0.072%
239	13.053	13.034	13.078	HH	20581	496143	6.41%	0.091%
240	13.113	13.078	13.153	HH	24188	927724	11.98%	0.170%
241	13.170	13.153	13.184	HH	20572	367760	4.75%	0.068%
242	13.195	13.184	13.218	HH	20609	393703	5.09%	0.072%
243	13.243	13.218	13.276	HH	21951	727546	9.40%	0.134%
244	13.303	13.276	13.353	HH	28351	1054393	13.62%	0.194%
245	13.360	13.353	13.365	HH	20527	139708	1.80%	0.026%
246	13.371	13.365	13.381	HH	20399	198132	2.56%	0.036%

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247	13.432	13.381	13.480	HH	45486	1683919	21.75%	0.309%
248	13.496	13.480	13.515	HH	24070	486495	6.28%	0.089%
249	13.540	13.515	13.561	HH	41454	854142	11.03%	0.157%
250	13.579	13.561	13.621	HH	33477	985599	12.73%	0.181%
251	13.633	13.621	13.649	HH	25197	422177	5.45%	0.078%
252	13.684	13.649	13.695	HH	33887	814500	10.52%	0.150%
253	13.706	13.695	13.731	HH	34227	668950	8.64%	0.123%
254	13.749	13.731	13.802	HH	31577	1153093	14.90%	0.212%
255	13.837	13.802	13.854	HH	26455	790832	10.22%	0.145%
256	13.918	13.854	13.937	HH	27834	1325823	17.13%	0.243%
257	13.952	13.937	13.962	HH	27162	403922	5.22%	0.074%
258	13.985	13.962	14.004	HH	27737	671505	8.67%	0.123%
259	14.014	14.004	14.019	HH	27314	242111	3.13%	0.044%
260	14.030	14.019	14.034	HH	27933	254940	3.29%	0.047%
261	14.042	14.034	14.047	HH	27988	220718	2.85%	0.041%
262	14.081	14.047	14.108	HH	33306	1118270	14.45%	0.205%
263	14.144	14.108	14.161	HH	33750	1024170	13.23%	0.188%
264	14.183	14.161	14.219	HH	35260	1133949	14.65%	0.208%
265	14.252	14.219	14.288	HH	39320	1454001	18.78%	0.267%
266	14.306	14.288	14.330	HH	37412	887011	11.46%	0.163%
267	14.352	14.330	14.387	HH	43479	1310766	16.93%	0.241%
268	14.412	14.387	14.440	HH	50557	1358393	17.55%	0.249%
269	14.466	14.440	14.481	HH	40666	946182	12.22%	0.174%
270	14.491	14.481	14.518	HH	40757	865236	11.18%	0.159%
271	14.532	14.518	14.553	HH	37604	776740	10.03%	0.143%
272	14.589	14.553	14.627	HH	149705	3203862	41.39%	0.588%
273	14.643	14.627	14.659	HH	39346	746214	9.64%	0.137%
274	14.683	14.659	14.702	HH	47022	1103865	14.26%	0.203%
275	14.725	14.702	14.746	HH	103483	1909748	24.67%	0.351%
276	14.766	14.746	14.836	HH	104521	3161125	40.84%	0.581%
277	14.888	14.836	14.907	HH	53706	2008598	25.95%	0.369%
278	14.914	14.907	14.968	HH	51491	1750260	22.61%	0.321%
279	14.984	14.968	15.017	HH	47751	1326746	17.14%	0.244%
280	15.041	15.017	15.062	HH	51293	1321592	17.07%	0.243%
281	15.075	15.062	15.104	HH	49983	1238756	16.00%	0.227%
282	15.109	15.104	15.113	HH	48391	240385	3.11%	0.044%
283	15.119	15.113	15.147	HH	48796	997294	12.88%	0.183%
284	15.174	15.147	15.259	HH	144322	4782442	61.78%	0.878%
285	15.314	15.259	15.340	HH	59444	2565672	33.14%	0.471%
286	15.381	15.340	15.392	HH	64997	1802417	23.28%	0.331%
287	15.402	15.392	15.425	HH	68425	1252891	16.19%	0.230%
288	15.441	15.425	15.468	HH	61404	1462448	18.89%	0.269%
289	15.490	15.468	15.506	HH	57767	1282259	16.56%	0.235%
290	15.511	15.506	15.521	HH	55590	496263	6.41%	0.091%
291	15.565	15.521	15.602	HH	67163	2959611	38.23%	0.544%
292	15.633	15.602	15.641	HH	60837	1365040	17.63%	0.251%
293	15.644	15.641	15.666	HH	60486	881356	11.39%	0.162%
294	15.697	15.666	15.716	HH	61029	1761819	22.76%	0.324%
295	15.728	15.716	15.749	HH	61657	1202072	15.53%	0.221%
296	15.758	15.749	15.762	HH	59563	465356	6.01%	0.085%
297	15.768	15.762	15.774	HH	59965	409994	5.30%	0.075%
298	15.780	15.774	15.783	HH	59884	327318	4.23%	0.060%
299	15.816	15.783	15.848	HH	73520	2586102	33.41%	0.475%

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300	15.858	15.848	15.867	HH	63945	732800	9.47%	0.135%
301	15.873	15.867	15.895	HH	63880	1064421	13.75%	0.195%
302	15.906	15.895	15.924	HH	63679	1070066	13.82%	0.197%
303	15.955	15.924	15.970	HH	64902	1769423	22.86%	0.325%
304	16.003	15.970	16.029	HH	72510	2415742	31.21%	0.444%
305	16.050	16.029	16.064	HH	69809	1425433	18.41%	0.262%
306	16.112	16.064	16.135	HH	77938	3156691	40.78%	0.580%
307	16.147	16.135	16.156	HH	75221	938363	12.12%	0.172%
308	16.201	16.156	16.229	HH	85868	3468693	44.81%	0.637%
309	16.295	16.229	16.315	HH	158302	5061897	65.39%	0.930%
310	16.320	16.315	16.357	HH	104646	2254131	29.12%	0.414%
311	16.371	16.357	16.379	HH	80052	1029380	13.30%	0.189%
312	16.394	16.379	16.401	HH	80513	1035047	13.37%	0.190%
313	16.425	16.401	16.472	HH	97472	3754414	48.50%	0.689%
314	16.477	16.472	16.487	HH	82072	725417	9.37%	0.133%
315	16.514	16.487	16.524	HH	84363	1837243	23.73%	0.337%
316	16.528	16.524	16.540	HH	83673	804244	10.39%	0.148%
317	16.559	16.540	16.567	HH	88746	1407760	18.19%	0.259%
318	16.584	16.567	16.594	HH	93027	1463923	18.91%	0.269%
319	16.617	16.594	16.652	HH	134714	3698140	47.77%	0.679%
320	16.676	16.652	16.720	HH	145616	4329515	55.93%	0.795%
321	16.779	16.720	16.810	HH	124342	5416759	69.98%	0.995%
322	16.839	16.810	16.877	HH	96164	3755044	48.51%	0.690%
323	16.943	16.877	16.969	HH	100144	5248923	67.81%	0.964%
324	16.993	16.969	17.029	HH	103366	3594986	46.44%	0.660%
325	17.053	17.029	17.067	HH	104695	2357947	30.46%	0.433%
326	17.077	17.067	17.096	HH	105704	1760771	22.75%	0.323%
327	17.102	17.096	17.120	HH	102020	1434545	18.53%	0.263%
328	17.144	17.120	17.164	HH	110380	2828151	36.54%	0.519%
329	17.171	17.164	17.190	HH	107938	1674249	21.63%	0.307%
330	17.221	17.190	17.258	HH	118929	4445080	57.42%	0.816%
331	17.263	17.258	17.269	HH	104103	694364	8.97%	0.128%
332	17.290	17.269	17.306	HH	105937	2301723	29.73%	0.423%
333	17.341	17.306	17.362	HH	111569	3660935	47.29%	0.672%
334	17.391	17.362	17.412	HH	106123	3118522	40.29%	0.573%
335	17.425	17.412	17.440	HH	102712	1715859	22.17%	0.315%
336	17.457	17.440	17.473	HH	103944	2016907	26.06%	0.370%
337	17.496	17.473	17.524	HH	105405	3167303	40.92%	0.582%
338	17.557	17.524	17.573	HH	110057	3080378	39.79%	0.566%
339	17.582	17.573	17.591	HH	108221	1150155	14.86%	0.211%
340	17.602	17.591	17.614	HH	109752	1493033	19.29%	0.274%
341	17.658	17.614	17.689	HH	133104	5311699	68.62%	0.975%
342	17.696	17.689	17.711	HH	109471	1419467	18.34%	0.261%
343	17.739	17.711	17.744	HH	110608	2139218	27.64%	0.393%
344	17.761	17.744	17.766	HH	113219	1490684	19.26%	0.274%
345	17.800	17.766	17.859	HH	125730	6626802	85.61%	1.217%
346	17.864	17.859	17.891	HH	114043	2147615	27.74%	0.394%
347	17.895	17.891	17.913	HH	113672	1499167	19.37%	0.275%
348	17.926	17.913	17.930	HH	113538	1120903	14.48%	0.206%
349	17.969	17.930	17.995	HH	126404	4662524	60.23%	0.856%
350	18.021	17.995	18.041	HH	152145	3754418	48.50%	0.689%
351	18.057	18.041	18.081	HH	152711	3444034	44.49%	0.632%

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352	18.086	18.081	18.121	HH	136538	2967121	38.33%	0.545%
353	18.164	18.121	18.175	HH	128487	3832140	49.51%	0.704%
354	18.187	18.175	18.207	HH	127586	2451482	31.67%	0.450%
355	18.221	18.207	18.249	HH	122183	2991826	38.65%	0.549%
356	18.254	18.249	18.274	HH	120189	1773433	22.91%	0.326%
357	18.312	18.274	18.340	HH	152943	5079590	65.62%	0.933%
358	18.349	18.340	18.371	HH	118193	2132784	27.55%	0.392%
359	18.389	18.371	18.394	HH	122152	1673690	21.62%	0.307%
360	18.406	18.394	18.422	HH	124121	2024056	26.15%	0.372%
361	18.450	18.422	18.471	HH	133029	3723158	48.10%	0.684%
362	18.490	18.471	18.534	HH	134588	4759255	61.48%	0.874%
363	18.542	18.534	18.549	HH	117247	1034746	13.37%	0.190%
364	18.591	18.549	18.612	HH	131365	4684689	60.52%	0.860%
365	18.633	18.612	18.654	HH	131491	3166363	40.90%	0.581%
366	18.673	18.654	18.687	HH	123732	2463507	31.82%	0.452%
367	18.696	18.687	18.707	HH	126613	1452819	18.77%	0.267%
368	18.717	18.707	18.738	HH	126844	2309956	29.84%	0.424%
369	18.745	18.738	18.754	HH	127564	1221480	15.78%	0.224%
370	18.769	18.754	18.781	HH	131318	2095729	27.07%	0.385%
371	18.787	18.781	18.792	HH	125321	789029	10.19%	0.145%
372	18.800	18.792	18.813	HH	127475	1593977	20.59%	0.293%
373	18.851	18.813	18.880	HH	155246	5512524	71.21%	1.012%
374	18.900	18.880	18.914	HH	139454	2786251	35.99%	0.512%
375	18.919	18.914	18.950	HH	136410	2846432	36.77%	0.523%
376	18.963	18.950	18.969	HH	129623	1501188	19.39%	0.276%
377	18.992	18.969	18.998	HH	132873	2304336	29.77%	0.423%
378	19.009	18.998	19.046	HH	135765	3728605	48.17%	0.685%
379	19.065	19.046	19.070	HH	137216	1973340	25.49%	0.362%
380	19.078	19.070	19.085	HH	135852	1185063	15.31%	0.218%
381	19.091	19.085	19.117	HH	136482	2585307	33.40%	0.475%
382	19.121	19.117	19.129	HH	134096	932164	12.04%	0.171%
383	19.136	19.129	19.143	HH	131797	1112518	14.37%	0.204%
384	19.149	19.143	19.155	HH	130640	896906	11.59%	0.165%
385	19.176	19.155	19.194	HH	132830	3049191	39.39%	0.560%
386	19.206	19.194	19.210	HH	131469	1278159	16.51%	0.235%
387	19.220	19.210	19.227	HH	132763	1342272	17.34%	0.246%
388	19.238	19.227	19.244	HH	133384	1322841	17.09%	0.243%
389	19.255	19.244	19.266	HH	134040	1718726	22.20%	0.316%
390	19.282	19.266	19.288	HH	141887	1834282	23.70%	0.337%
391	19.301	19.288	19.320	HH	142584	2654592	34.29%	0.487%
392	19.324	19.320	19.329	HH	137463	776084	10.03%	0.143%
393	19.337	19.329	19.349	HH	140003	1601779	20.69%	0.294%
394	19.363	19.349	19.376	HH	138991	2214122	28.60%	0.407%
395	19.394	19.376	19.403	HH	145427	2292727	29.62%	0.421%
396	19.407	19.403	19.419	HH	139942	1271347	16.42%	0.233%
397	19.430	19.419	19.436	HH	141661	1439320	18.59%	0.264%
398	19.441	19.436	19.449	HH	139936	1068714	13.81%	0.196%
399	19.480	19.449	19.497	HH	156773	4228560	54.63%	0.777%
400	19.502	19.497	19.515	HH	144084	1488460	19.23%	0.273%
401	19.546	19.515	19.574	HH	161576	5337545	68.95%	0.980%
402	19.584	19.574	19.595	HH	149111	1886417	24.37%	0.346%
403	19.600	19.595	19.606	HH	146394	957673	12.37%	0.176%
404	19.616	19.606	19.621	HH	154360	1342756	17.35%	0.247%

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405	19.637	19.621	19.668	HH	157224	4281160	55.31%	0.786%
406	19.673	19.668	19.683	HH	143712	1228943	15.88%	0.226%
407	19.693	19.683	19.701	HH	152141	1663377	21.49%	0.305%
408	19.705	19.701	19.724	HH	147658	1951971	25.22%	0.358%
409	19.731	19.724	19.745	HH	140594	1772077	22.89%	0.325%
410	19.767	19.745	19.774	HH	146140	2474000	31.96%	0.454%
411	19.776	19.774	19.780	HH	145812	496650	6.42%	0.091%
412	19.796	19.780	19.802	HH	151875	2019305	26.09%	0.371%
413	19.812	19.802	19.820	HH	156217	1569078	20.27%	0.288%
414	19.858	19.820	19.877	HH	172180	5622575	72.63%	1.033%
415	19.897	19.877	19.929	HH	168879	5054477	65.30%	0.928%
416	19.937	19.929	19.954	HH	158552	2316386	29.92%	0.425%
417	19.966	19.954	19.971	HH	151907	1512092	19.53%	0.278%
418	19.975	19.971	19.988	HH	152712	1553050	20.06%	0.285%
419	19.999	19.988	20.004	HH	152779	1516862	19.60%	0.279%
420	20.018	20.004	20.026	HH	154934	1964063	25.37%	0.361%
421	20.036	20.026	20.040	HH	159535	1334464	17.24%	0.245%
422	20.052	20.040	20.057	HH	166163	1679734	21.70%	0.308%
423	20.072	20.057	20.083	HH	168505	2527870	32.66%	0.464%
424	20.093	20.083	20.103	HH	169473	1964720	25.38%	0.361%
425	20.122	20.103	20.139	HH	167575	3613870	46.69%	0.664%
426	20.167	20.139	20.174	HH	169356	3472191	44.86%	0.638%
427	20.182	20.174	20.209	HH	169796	3389241	43.78%	0.622%
428	20.217	20.209	20.228	HH	160067	1875714	24.23%	0.344%
429	20.244	20.228	20.255	HH	163228	2584572	33.39%	0.475%
430	20.277	20.255	20.283	HH	168789	2675660	34.57%	0.491%
431	20.291	20.283	20.304	HH	168192	2034898	26.29%	0.374%
432	20.310	20.304	20.312	HH	164379	810605	10.47%	0.149%
433	20.324	20.312	20.336	HH	168692	2441858	31.54%	0.448%
434	20.355	20.336	20.362	HH	170795	2636345	34.06%	0.484%
435	20.377	20.362	20.398	HH	172120	3583961	46.30%	0.658%
436	20.403	20.398	20.408	HH	166671	959908	12.40%	0.176%
437	20.414	20.408	20.421	HH	169453	1353925	17.49%	0.249%
438	20.431	20.421	20.455	HH	164892	3233409	41.77%	0.594%
439	20.473	20.455	20.477	HH	158150	2010364	25.97%	0.369%
440	20.487	20.477	20.494	HH	159291	1662358	21.47%	0.305%
441	20.514	20.494	20.521	HH	167769	2614702	33.78%	0.480%
442	20.525	20.521	20.531	HH	166487	961364	12.42%	0.177%
443	20.538	20.531	20.554	HH	166424	2254141	29.12%	0.414%
444	20.563	20.554	20.579	HH	165397	2505949	32.37%	0.460%
445	20.593	20.579	20.602	HH	166494	2226315	28.76%	0.409%
446	20.615	20.602	20.630	HH	168642	2815456	36.37%	0.517%
447	20.639	20.630	20.648	HH	165164	1669232	21.56%	0.307%
448	20.654	20.648	20.664	HH	158726	1487022	19.21%	0.273%
449	20.671	20.664	20.678	HH	154513	1329579	17.18%	0.244%
450	20.684	20.678	20.699	HH	151396	1864405	24.09%	0.342%
451	20.704	20.699	20.709	HH	150369	882243	11.40%	0.162%
452	20.714	20.709	20.721	HH	150634	1047359	13.53%	0.192%
453	20.740	20.721	20.751	HH	153272	2690700	34.76%	0.494%
454	20.756	20.751	20.766	HH	151616	1384604	17.89%	0.254%
455	20.778	20.766	20.794	HH	150603	2502751	32.33%	0.460%
456	20.808	20.794	20.817	HH	154083	2108150	27.23%	0.387%

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457	20.823	20.817	20.831	HH	151008	1208892	15.62%	0.222%
458	20.856	20.831	20.862	HH	161140	2906837	37.55%	0.534%
459	20.885	20.862	20.915	HH	175617	5312219	68.63%	0.976%
460	20.919	20.915	20.929	HH	166389	1407270	18.18%	0.258%
461	20.935	20.929	20.950	HH	165127	2026097	26.17%	0.372%
462	20.956	20.950	21.019	HH	157524	5996846	77.47%	1.101%
463	21.035	21.019	21.042	HH	138823	1900743	24.55%	0.349%
464	21.056	21.042	21.062	HH	140476	1655916	21.39%	0.304%
465	21.100	21.062	21.110	HH	146900	4197620	54.23%	0.771%
466	21.116	21.110	21.122	HH	144708	1038168	13.41%	0.191%
467	21.130	21.122	21.147	HH	145427	2162764	27.94%	0.397%
468	21.189	21.147	21.199	HH	156510	4705594	60.79%	0.864%
469	21.208	21.199	21.220	HH	156966	1951080	25.20%	0.358%
470	21.234	21.220	21.242	HH	161655	2051796	26.51%	0.377%
471	21.247	21.242	21.253	HH	160372	1020009	13.18%	0.187%
472	21.257	21.253	21.269	HH	159485	1582983	20.45%	0.291%
473	21.274	21.269	21.326	HH	155996	5089269	65.75%	0.935%
474	21.331	21.326	21.362	HH	141696	2928427	37.83%	0.538%
475	21.367	21.362	21.379	HH	131082	1308522	16.90%	0.240%
476	21.398	21.379	21.405	HH	134245	2081555	26.89%	0.382%
477	21.450	21.405	21.495	HH	148276	7740908	100.00%	1.422%
478	21.502	21.495	21.513	HH	141681	1491498	19.27%	0.274%
479	21.522	21.513	21.527	HH	137690	1157044	14.95%	0.212%
480	21.547	21.527	21.554	HH	141128	2192979	28.33%	0.403%
481	21.563	21.554	21.580	HH	142127	2269428	29.32%	0.417%
482	21.586	21.580	21.591	HH	140738	904454	11.68%	0.166%
483	21.597	21.591	21.608	HH	141682	1388210	17.93%	0.255%
484	21.613	21.608	21.620	HH	138877	998337	12.90%	0.183%
485	21.644	21.620	21.651	HH	143193	2601999	33.61%	0.478%
486	21.655	21.651	21.666	HH	141867	1250307	16.15%	0.230%
487	21.671	21.666	21.676	HH	141104	895432	11.57%	0.164%
488	21.682	21.676	21.701	HH	140893	2026948	26.18%	0.372%
489	21.705	21.701	21.711	HHA	135278	877920	11.34%	0.161%
					Sum of corrected areas:	544534315		

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