

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021420\
 Data File : FF006403.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2020 14:25
 Sample : L1512-01 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021020.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.289	2.252	2.311	BH	258	2441	0.03%	0.001%
2	2.322	2.311	2.351	PH	88	417	0.00%	0.000%
3	2.362	2.351	2.378	PH	24	-68	-0.00%	-0.000%
4	2.382	2.378	2.398	PH	-43	-667	-0.01%	-0.000%
5	2.403	2.398	2.446	PH	43	-702	-0.01%	-0.000%
6	2.476	2.446	2.500	PH	257	2197	0.03%	0.001%
7	2.518	2.500	2.527	PH	109	338	0.00%	0.000%
8	2.530	2.527	2.535	PH	31	3	0.00%	0.000%
9	2.556	2.535	2.573	PH	278	2481	0.03%	0.001%
10	2.581	2.573	2.599	PH	97	-164	-0.00%	-0.000%
11	2.613	2.599	2.637	PH	221	836	0.01%	0.000%
12	2.643	2.637	2.651	PH	45	-76	-0.00%	-0.000%
13	2.654	2.651	2.676	PH	26	-1074	-0.01%	-0.000%
14	2.685	2.676	2.699	PH	-74	-1945	-0.02%	-0.000%
15	2.702	2.699	2.706	PH	-153	-694	-0.01%	-0.000%
16	2.718	2.706	2.726	PH	-84	-1823	-0.02%	-0.000%
17	2.743	2.726	2.814	PH	1331	3634	0.04%	0.001%
18	2.834	2.814	2.841	PH	486	2730	0.03%	0.001%
19	2.842	2.841	2.867	HH	427	637	0.01%	0.000%
20	2.875	2.867	2.882	PH	-66	-1182	-0.01%	-0.000%
21	2.903	2.882	2.923	PH	-9	-2040	-0.02%	-0.000%
22	2.927	2.923	2.939	PH	-45	-938	-0.01%	-0.000%
23	2.950	2.939	2.971	PH	-75	-2764	-0.03%	-0.001%
24	3.013	2.971	3.044	PH	1603	14883	0.18%	0.003%
25	3.058	3.044	3.080	HH	485	3232	0.04%	0.001%
26	3.092	3.080	3.112	PH	292	1209	0.01%	0.000%
27	3.119	3.112	3.132	PH	-51	-966	-0.01%	-0.000%
28	3.134	3.132	3.173	PH	-38	-3722	-0.04%	-0.001%
29	3.197	3.173	3.225	PH	192	-1815	-0.02%	-0.000%
30	3.236	3.225	3.269	PH	-40	-3474	-0.04%	-0.001%
31	3.272	3.269	3.277	PH	-145	-848	-0.01%	-0.000%
32	3.289	3.277	3.295	PH	-92	-1443	-0.02%	-0.000%
33	3.305	3.295	3.322	PH	-10	-1759	-0.02%	-0.000%
34	3.326	3.322	3.339	PH	-146	-2029	-0.02%	-0.000%
35	3.344	3.339	3.348	PH	-229	-1510	-0.02%	-0.000%
36	3.354	3.348	3.366	PH	-172	-2813	-0.03%	-0.001%

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37	3.369	3.366	3.389	PH	-209	-4086	-0.05%	-0.001%
38	3.408	3.389	3.423	PH	-155	-4352	-0.05%	-0.001%
39	3.427	3.423	3.448	PH	-135	-3137	-0.04%	-0.001%
40	3.459	3.448	3.467	PH	-205	-2786	-0.03%	-0.001%
41	3.471	3.467	3.479	PH	-158	-1663	-0.02%	-0.000%
42	3.485	3.479	3.490	PH	-167	-1487	-0.02%	-0.000%
43	3.502	3.490	3.516	PH	-135	-2908	-0.03%	-0.001%
44	3.520	3.516	3.535	PH	-183	-3052	-0.04%	-0.001%
45	3.542	3.535	3.562	PH	-200	-4180	-0.05%	-0.001%
46	3.575	3.562	3.594	PH	-101	-3175	-0.04%	-0.001%
47	3.609	3.594	3.623	PH	55	-1166	-0.01%	-0.000%
48	3.638	3.623	3.654	PH	-52	-2577	-0.03%	-0.001%
49	3.680	3.654	3.709	PH	140	-2213	-0.03%	-0.001%
50	3.715	3.709	3.732	PH	-17	-1266	-0.01%	-0.000%
51	3.745	3.732	3.767	PH	-83	-3199	-0.04%	-0.001%
52	3.801	3.767	3.812	PH	675	2917	0.03%	0.001%
53	3.820	3.812	3.862	HH	517	1418	0.02%	0.000%
54	3.890	3.862	3.922	PH	547	2251	0.03%	0.001%
55	3.924	3.922	3.931	PH	-103	-919	-0.01%	-0.000%
56	3.937	3.931	3.950	PH	-144	-2812	-0.03%	-0.001%
57	3.976	3.950	4.012	PH	3855	44238	0.52%	0.010%
58	4.016	4.012	4.049	HH	530	6275	0.07%	0.001%
59	4.060	4.049	4.094	HH	192	1167	0.01%	0.000%
60	4.121	4.094	4.134	PH	1090	12394	0.15%	0.003%
61	4.138	4.134	4.151	HH	1077	8276	0.10%	0.002%
62	4.158	4.151	4.220	HH	622	8772	0.10%	0.002%
63	4.224	4.220	4.229	PH	-28	-444	-0.01%	-0.000%
64	4.236	4.229	4.267	PH	16	-2454	-0.03%	-0.001%
65	4.279	4.267	4.317	PH	-75	-4919	-0.06%	-0.001%
66	4.331	4.317	4.354	PH	-111	-4103	-0.05%	-0.001%
67	4.376	4.354	4.396	PH	321	-552	-0.01%	-0.000%
68	4.401	4.396	4.404	PH	-149	-796	-0.01%	-0.000%
69	4.420	4.404	4.436	PH	181	-388	-0.00%	-0.000%
70	4.467	4.436	4.506	PH	217	-1018	-0.01%	-0.000%
71	4.523	4.506	4.552	PH	1220	8216	0.10%	0.002%
72	4.555	4.552	4.562	PH	-153	-1058	-0.01%	-0.000%
73	4.590	4.562	4.616	PH	1935	19034	0.22%	0.004%
74	4.625	4.616	4.646	HH	160	402	0.00%	0.000%
75	4.656	4.646	4.674	PH	28	-1838	-0.02%	-0.000%
76	4.678	4.674	4.690	PH	-155	-1763	-0.02%	-0.000%
77	4.716	4.690	4.739	PH	666	8250	0.10%	0.002%
78	4.753	4.739	4.772	HH	440	3691	0.04%	0.001%
79	4.788	4.772	4.816	PH	303	1916	0.02%	0.000%
80	4.830	4.816	4.889	PH	156	-3485	-0.04%	-0.001%
81	4.904	4.889	4.914	PH	-27	-1894	-0.02%	-0.000%
82	4.942	4.914	4.954	PH	366	3957	0.05%	0.001%
83	4.965	4.954	4.994	HH	395	5030	0.06%	0.001%
84	5.015	4.994	5.025	HH	356	4503	0.05%	0.001%
85	5.029	5.025	5.041	HH	221	1385	0.02%	0.000%
86	5.051	5.041	5.055	HH	134	539	0.01%	0.000%
87	5.066	5.055	5.079	HH	144	765	0.01%	0.000%
88	5.092	5.079	5.105	PH	479	3743	0.04%	0.001%
89	5.116	5.105	5.135	HH	233	1237	0.01%	0.000%

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90	5.144	5.135	5.159	PH	-55	-2025	-0.02%	-0.000%
91	5.178	5.159	5.189	PH	163	-891	-0.01%	-0.000%
92	5.195	5.189	5.216	PH	20	-868	-0.01%	-0.000%
93	5.231	5.216	5.262	PH	852	6231	0.07%	0.001%
94	5.299	5.262	5.321	PH	94	-2133	-0.03%	-0.000%
95	5.358	5.321	5.392	PH	2431	19468	0.23%	0.005%
96	5.411	5.392	5.429	PH	1124	9332	0.11%	0.002%
97	5.445	5.429	5.455	HH	436	3812	0.05%	0.001%
98	5.466	5.455	5.486	HH	387	3454	0.04%	0.001%
99	5.493	5.486	5.511	PH	68	4	0.00%	0.000%
100	5.524	5.511	5.553	PH	134	-741	-0.01%	-0.000%
101	5.575	5.553	5.581	PH	174	1196	0.01%	0.000%
102	5.598	5.581	5.613	HH	459	5191	0.06%	0.001%
103	5.623	5.613	5.634	HH	272	2285	0.03%	0.001%
104	5.693	5.634	5.701	HH	1359	29593	0.35%	0.007%
105	5.712	5.701	5.729	HH	1354	16057	0.19%	0.004%
106	5.746	5.729	5.767	HH	680	11553	0.14%	0.003%
107	5.781	5.767	5.797	HH	541	7088	0.08%	0.002%
108	5.810	5.797	5.818	HH	509	5909	0.07%	0.001%
109	5.827	5.818	5.839	HH	617	6362	0.08%	0.001%
110	5.862	5.839	5.892	HH	1246	26735	0.32%	0.006%
111	5.919	5.892	5.936	HH	971	18766	0.22%	0.004%
112	5.960	5.936	5.998	HH	13914	155855	1.84%	0.036%
113	6.007	5.998	6.034	HH	978	13319	0.16%	0.003%
114	6.045	6.034	6.079	HH	456	10058	0.12%	0.002%
115	6.105	6.079	6.124	HH	1666	23714	0.28%	0.006%
116	6.129	6.124	6.133	HH	326	1336	0.02%	0.000%
117	6.136	6.133	6.159	HH	270	2820	0.03%	0.001%
118	6.173	6.159	6.204	HH	326	5102	0.06%	0.001%
119	6.232	6.204	6.261	HH	715	10831	0.13%	0.003%
120	6.274	6.261	6.294	HH	158	1103	0.01%	0.000%
121	6.344	6.294	6.368	PH	1897	22623	0.27%	0.005%
122	6.393	6.368	6.416	HH	2093	28167	0.33%	0.007%
123	6.427	6.416	6.461	HH	1056	9980	0.12%	0.002%
124	6.467	6.461	6.494	HH	103	768	0.01%	0.000%
125	6.513	6.494	6.522	PH	229	2199	0.03%	0.001%
126	6.537	6.522	6.557	HH	666	5616	0.07%	0.001%
127	6.588	6.557	6.646	PH	229	-163	-0.00%	-0.000%
128	6.671	6.646	6.684	PH	287	1334	0.02%	0.000%
129	6.710	6.684	6.757	PH	635	8434	0.10%	0.002%
130	6.789	6.757	6.809	PH	692	8006	0.09%	0.002%
131	6.824	6.809	6.836	PH	235	1870	0.02%	0.000%
132	6.841	6.836	6.844	HH	165	577	0.01%	0.000%
133	6.863	6.844	6.869	HH	565	6233	0.07%	0.001%
134	6.913	6.869	6.932	HH	1100	30934	0.37%	0.007%
135	6.947	6.932	6.974	HH	1492	23078	0.27%	0.005%
136	7.014	6.974	7.042	HH	7500	100973	1.19%	0.024%
137	7.058	7.042	7.076	HH	1849	28757	0.34%	0.007%
138	7.088	7.076	7.127	HH	1555	28507	0.34%	0.007%
139	7.148	7.127	7.174	HH	8824	96620	1.14%	0.023%
140	7.182	7.174	7.206	HH	652	10200	0.12%	0.002%
141	7.212	7.206	7.225	HH	466	4006	0.05%	0.001%

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142	7.239	7.225	7.259	HH	680	8792	0.10%	0.002%
143	7.266	7.259	7.287	HH	367	5315	0.06%	0.001%
144	7.310	7.287	7.346	HH	2455	33556	0.40%	0.008%
145	7.375	7.346	7.396	HH	795	12401	0.15%	0.003%
146	7.399	7.396	7.414	HH	326	2358	0.03%	0.001%
147	7.438	7.414	7.461	HH	401	6839	0.08%	0.002%
148	7.486	7.461	7.508	HH	699	10536	0.12%	0.002%
149	7.523	7.508	7.556	HH	800	11395	0.13%	0.003%
150	7.571	7.556	7.576	HH	220	1705	0.02%	0.000%
151	7.600	7.576	7.614	HH	415	6126	0.07%	0.001%
152	7.621	7.614	7.631	HH	236	1825	0.02%	0.000%
153	7.649	7.631	7.667	HH	563	7201	0.09%	0.002%
154	7.673	7.667	7.689	HH	247	2693	0.03%	0.001%
155	7.699	7.689	7.704	HH	278	2113	0.02%	0.000%
156	7.737	7.704	7.773	HH	1911	39657	0.47%	0.009%
157	7.789	7.773	7.821	HH	911	16253	0.19%	0.004%
158	7.834	7.821	7.854	HH	766	10495	0.12%	0.002%
159	7.894	7.854	7.921	HH	2954	55781	0.66%	0.013%
160	7.937	7.921	7.951	HH	974	14996	0.18%	0.003%
161	7.963	7.951	7.970	HH	1196	11159	0.13%	0.003%
162	8.004	7.970	8.047	HH	7939	174868	2.06%	0.041%
163	8.067	8.047	8.081	HH	1418	23239	0.27%	0.005%
164	8.107	8.081	8.123	HH	19474	222998	2.63%	0.052%
165	8.135	8.123	8.156	HH	12094	142472	1.68%	0.033%
166	8.179	8.156	8.208	HH	4264	84821	1.00%	0.020%
167	8.240	8.208	8.251	HH	9785	115345	1.36%	0.027%
168	8.291	8.251	8.333	HH	27389	470474	5.55%	0.110%
169	8.342	8.333	8.360	HH	1700	23642	0.28%	0.006%
170	8.381	8.360	8.414	HH	5531	80785	0.95%	0.019%
171	8.426	8.414	8.446	HH	1750	24210	0.29%	0.006%
172	8.456	8.446	8.484	HH	838	16138	0.19%	0.004%
173	8.505	8.484	8.515	HH	694	11488	0.14%	0.003%
174	8.539	8.515	8.562	HH	2044	36742	0.43%	0.009%
175	8.586	8.562	8.612	HH	27337	299266	3.53%	0.070%
176	8.633	8.612	8.672	HH	3636	81871	0.97%	0.019%
177	8.712	8.672	8.737	HH	3040	81984	0.97%	0.019%
178	8.751	8.737	8.762	HH	1844	24134	0.28%	0.006%
179	8.772	8.762	8.791	HH	1783	26543	0.31%	0.006%
180	8.825	8.791	8.841	HH	9902	135276	1.60%	0.032%
181	8.858	8.841	8.882	HH	15850	190203	2.25%	0.044%
182	8.896	8.882	8.927	HH	4026	74508	0.88%	0.017%
183	8.947	8.927	8.974	HH	3700	65539	0.77%	0.015%
184	8.995	8.974	9.014	HH	10267	124577	1.47%	0.029%
185	9.035	9.014	9.082	HH	10457	155460	1.84%	0.036%
186	9.094	9.082	9.114	HH	1244	19868	0.23%	0.005%
187	9.149	9.114	9.166	HH	10131	127885	1.51%	0.030%
188	9.182	9.166	9.212	HH	8494	108357	1.28%	0.025%
189	9.233	9.212	9.251	HH	3060	44044	0.52%	0.010%
190	9.286	9.251	9.308	HH	9285	151085	1.78%	0.035%
191	9.326	9.308	9.343	HH	4054	55012	0.65%	0.013%
192	9.368	9.343	9.424	HH	41740	553441	6.53%	0.129%
193	9.446	9.424	9.461	HH	8496	121795	1.44%	0.028%
194	9.465	9.461	9.475	HH	4318	33644	0.40%	0.008%

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195	9.489	9.475	9.499	HH	6593	76163	0.90%	0.018%
196	9.517	9.499	9.537	HH	13558	189710	2.24%	0.044%
197	9.545	9.537	9.559	HH	4338	48392	0.57%	0.011%
198	9.577	9.559	9.601	HH	9498	140883	1.66%	0.033%
199	9.609	9.601	9.621	HH	3142	35324	0.42%	0.008%
200	9.630	9.621	9.666	HH	3290	66577	0.79%	0.016%
201	9.689	9.666	9.726	HH	13748	220393	2.60%	0.051%
202	9.739	9.726	9.756	HH	4035	58557	0.69%	0.014%
203	9.789	9.756	9.834	HH	16576	336727	3.98%	0.078%
204	9.851	9.834	9.869	HH	4472	69066	0.82%	0.016%
205	9.885	9.869	9.906	HH	3372	56824	0.67%	0.013%
206	9.926	9.906	9.937	HH	3626	50644	0.60%	0.012%
207	9.952	9.937	10.019	HH	4075	108538	1.28%	0.025%
208	10.052	10.019	10.064	HH	1667	35715	0.42%	0.008%
209	10.076	10.064	10.091	HH	1887	27150	0.32%	0.006%
210	10.109	10.091	10.145	HH	4706	83564	0.99%	0.019%
211	10.163	10.145	10.193	HH	3124	66652	0.79%	0.016%
212	10.219	10.193	10.229	HH	7111	101226	1.20%	0.024%
213	10.248	10.229	10.270	HH	18374	258501	3.05%	0.060%
214	10.288	10.270	10.329	HH	13427	201780	2.38%	0.047%
215	10.364	10.329	10.402	HH	12918	273529	3.23%	0.064%
216	10.421	10.402	10.453	HH	12684	224643	2.65%	0.052%
217	10.460	10.453	10.472	HH	4477	46743	0.55%	0.011%
218	10.503	10.472	10.516	HH	6222	134683	1.59%	0.031%
219	10.534	10.516	10.548	HH	11224	155313	1.83%	0.036%
220	10.571	10.548	10.610	HH	23474	427773	5.05%	0.100%
221	10.642	10.610	10.652	HH	5387	114397	1.35%	0.027%
222	10.667	10.652	10.684	HH	8616	117102	1.38%	0.027%
223	10.700	10.684	10.719	HH	5045	88160	1.04%	0.021%
224	10.735	10.719	10.743	HH	7135	80102	0.95%	0.019%
225	10.770	10.743	10.816	HH	374146	4241873	50.08%	0.989%
226	10.843	10.816	10.867	HH	93610	1088527	12.85%	0.254%
227	10.873	10.867	10.910	HH	7708	145665	1.72%	0.034%
228	10.921	10.910	10.931	HH	4156	50124	0.59%	0.012%
229	10.938	10.931	10.967	HH	4130	82058	0.97%	0.019%
230	10.980	10.967	10.996	HH	3447	53347	0.63%	0.012%
231	11.017	10.996	11.036	HH	6105	105581	1.25%	0.025%
232	11.060	11.036	11.098	HH	20390	369277	4.36%	0.086%
233	11.128	11.098	11.145	HH	6622	152189	1.80%	0.035%
234	11.163	11.145	11.183	HH	7487	140250	1.66%	0.033%
235	11.195	11.183	11.201	HH	5783	61198	0.72%	0.014%
236	11.209	11.201	11.226	HH	5897	78948	0.93%	0.018%
237	11.260	11.226	11.267	HH	6895	153834	1.82%	0.036%
238	11.291	11.267	11.328	HH	20605	419603	4.95%	0.098%
239	11.364	11.328	11.390	HH	10306	243852	2.88%	0.057%
240	11.418	11.390	11.438	HH	14886	254652	3.01%	0.059%
241	11.458	11.438	11.484	HH	13181	228469	2.70%	0.053%
242	11.493	11.484	11.506	HH	5308	66053	0.78%	0.015%
243	11.522	11.506	11.539	HH	7219	114255	1.35%	0.027%
244	11.568	11.539	11.583	HH	66039	811389	9.58%	0.189%
245	11.599	11.583	11.644	HH	82286	1043386	12.32%	0.243%
246	11.683	11.644	11.700	HH	52270	966317	11.41%	0.225%

rteres								
247	11.716	11.700	11.730	HH	47459	583111	6.88%	0.136%
248	11.747	11.730	11.781	HH	62380	854652	10.09%	0.199%
249	11.797	11.781	11.801	HH	5919	65417	0.77%	0.015%
250	11.830	11.801	11.847	HH	7858	187643	2.22%	0.044%
251	11.882	11.847	11.910	HH	7766	267139	3.15%	0.062%
252	11.931	11.910	11.953	HH	25500	391845	4.63%	0.091%
253	11.966	11.953	11.994	HH	10756	218775	2.58%	0.051%
254	12.001	11.994	12.014	HH	6410	73317	0.87%	0.017%
255	12.037	12.014	12.059	HH	31536	456489	5.39%	0.106%
256	12.068	12.059	12.083	HH	10219	132897	1.57%	0.031%
257	12.100	12.083	12.113	HH	11783	181558	2.14%	0.042%
258	12.127	12.113	12.157	HH	16938	285885	3.38%	0.067%
259	12.183	12.157	12.201	HH	12175	227669	2.69%	0.053%
260	12.217	12.201	12.231	HH	9138	148420	1.75%	0.035%
261	12.245	12.231	12.257	HH	9019	128958	1.52%	0.030%
262	12.288	12.257	12.300	HH	13751	274599	3.24%	0.064%
263	12.311	12.300	12.337	HH	13930	247893	2.93%	0.058%
264	12.356	12.337	12.397	HH	21528	494341	5.84%	0.115%
265	12.423	12.397	12.446	HH	18412	386546	4.56%	0.090%
266	12.468	12.446	12.486	HH	48938	692213	8.17%	0.161%
267	12.503	12.486	12.519	HH	25680	426178	5.03%	0.099%
268	12.530	12.519	12.551	HH	23270	350883	4.14%	0.082%
269	12.586	12.551	12.628	HH	390529	4624226	54.59%	1.078%
270	12.647	12.628	12.663	HH	10038	182022	2.15%	0.042%
271	12.680	12.663	12.697	HH	10596	185318	2.19%	0.043%
272	12.719	12.697	12.728	HH	18559	273261	3.23%	0.064%
273	12.738	12.728	12.752	HH	19083	246986	2.92%	0.058%
274	12.769	12.752	12.783	HH	25427	358900	4.24%	0.084%
275	12.795	12.783	12.854	HH	21625	613255	7.24%	0.143%
276	12.883	12.854	12.917	HH	301186	3666626	43.29%	0.855%
277	12.937	12.917	12.952	HH	33022	464806	5.49%	0.108%
278	12.967	12.952	13.001	HH	40402	641125	7.57%	0.149%
279	13.023	13.001	13.031	HH	11639	197717	2.33%	0.046%
280	13.053	13.031	13.066	HH	20940	336457	3.97%	0.078%
281	13.082	13.066	13.106	HH	25432	421466	4.98%	0.098%
282	13.149	13.106	13.190	HH	33195	835546	9.86%	0.195%
283	13.216	13.190	13.247	HH	18061	482598	5.70%	0.112%
284	13.275	13.247	13.291	HH	21933	402885	4.76%	0.094%
285	13.308	13.291	13.319	HH	20240	306118	3.61%	0.071%
286	13.339	13.319	13.364	HH	34025	645570	7.62%	0.150%
287	13.375	13.364	13.406	HH	13614	304796	3.60%	0.071%
288	13.468	13.406	13.508	HH	70323	1659927	19.60%	0.387%
289	13.533	13.508	13.550	HH	16929	365614	4.32%	0.085%
290	13.575	13.550	13.597	HH	46567	766080	9.04%	0.179%
291	13.615	13.597	13.637	HH	40302	642505	7.59%	0.150%
292	13.652	13.637	13.678	HH	17427	384276	4.54%	0.090%
293	13.708	13.678	13.712	HH	21786	372679	4.40%	0.087%
294	13.744	13.712	13.766	HH	39514	852151	10.06%	0.199%
295	13.785	13.766	13.827	HH	36372	788739	9.31%	0.184%
296	13.862	13.827	13.884	HH	19559	563718	6.66%	0.131%
297	13.901	13.884	13.917	HH	16320	305032	3.60%	0.071%
298	13.936	13.917	13.958	HH	16480	394027	4.65%	0.092%
299	13.975	13.958	14.035	HH	16206	708881	8.37%	0.165%

rteres								
300	14.054	14.035	14.076	HH	16780	386557	4.56%	0.090%
301	14.100	14.076	14.120	HH	17936	432445	5.11%	0.101%
302	14.171	14.120	14.186	HH	27061	851822	10.06%	0.199%
303	14.204	14.186	14.236	HH	36484	755638	8.92%	0.176%
304	14.274	14.236	14.291	HH	25406	697417	8.23%	0.163%
305	14.305	14.291	14.351	HH	24998	763425	9.01%	0.178%
306	14.380	14.351	14.400	HH	41835	847155	10.00%	0.197%
307	14.407	14.400	14.420	HH	24065	281225	3.32%	0.066%
308	14.442	14.420	14.466	HH	56605	1015825	11.99%	0.237%
309	14.487	14.466	14.492	HH	30040	418138	4.94%	0.097%
310	14.507	14.492	14.540	HH	40753	805581	9.51%	0.188%
311	14.565	14.540	14.581	HH	21749	483127	5.70%	0.113%
312	14.609	14.581	14.678	HH	76878	1975311	23.32%	0.460%
313	14.709	14.678	14.726	HH	29475	648028	7.65%	0.151%
314	14.756	14.726	14.776	HH	172673	2449617	28.92%	0.571%
315	14.797	14.776	14.827	HH	181683	2544121	30.04%	0.593%
316	14.845	14.827	14.879	HH	23134	659762	7.79%	0.154%
317	14.917	14.879	14.969	HH	46736	1514459	17.88%	0.353%
318	14.998	14.969	15.032	HH	30475	909471	10.74%	0.212%
319	15.059	15.032	15.080	HH	34603	757733	8.95%	0.177%
320	15.097	15.080	15.104	HH	29564	402685	4.75%	0.094%
321	15.113	15.104	15.155	HH	29558	782659	9.24%	0.182%
322	15.189	15.155	15.229	HH	56969	1509646	17.82%	0.352%
323	15.241	15.229	15.274	HH	25283	625137	7.38%	0.146%
324	15.299	15.274	15.307	HH	24248	461023	5.44%	0.107%
325	15.331	15.307	15.364	HH	31962	959663	11.33%	0.224%
326	15.385	15.364	15.401	HH	30560	621359	7.34%	0.145%
327	15.426	15.401	15.447	HH	60819	1144562	13.51%	0.267%
328	15.464	15.447	15.495	HH	41214	930831	10.99%	0.217%
329	15.511	15.495	15.538	HH	32019	771981	9.11%	0.180%
330	15.543	15.538	15.545	HH	29272	123545	1.46%	0.029%
331	15.587	15.545	15.622	HH	43863	1670694	19.72%	0.389%
332	15.661	15.622	15.682	HH	34346	1076297	12.71%	0.251%
333	15.709	15.682	15.727	HH	30184	777259	9.18%	0.181%
334	15.746	15.727	15.769	HH	34209	759137	8.96%	0.177%
335	15.792	15.769	15.807	HH	32039	680845	8.04%	0.159%
336	15.829	15.807	15.844	HH	33727	703064	8.30%	0.164%
337	15.855	15.844	15.874	HH	32921	579777	6.84%	0.135%
338	15.893	15.874	15.916	HH	34714	777028	9.17%	0.181%
339	15.922	15.916	15.940	HH	29845	422912	4.99%	0.099%
340	15.955	15.940	15.967	HH	29162	471954	5.57%	0.110%
341	15.984	15.967	15.991	HH	29205	402458	4.75%	0.094%
342	16.024	15.991	16.039	HH	34465	938815	11.08%	0.219%
343	16.057	16.039	16.078	HH	34077	764648	9.03%	0.178%
344	16.099	16.078	16.110	HH	38329	664035	7.84%	0.155%
345	16.127	16.110	16.149	HH	41200	899629	10.62%	0.210%
346	16.155	16.149	16.157	HH	34750	159061	1.88%	0.037%
347	16.199	16.157	16.211	HH	46082	1272932	15.03%	0.297%
348	16.220	16.211	16.240	HH	43150	708072	8.36%	0.165%
349	16.248	16.240	16.267	HH	39495	602729	7.12%	0.140%
350	16.313	16.267	16.331	HH	183646	3425284	40.44%	0.798%
351	16.340	16.331	16.372	HH	96401	1540483	18.19%	0.359%

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352	16.388	16.372	16.411	HH	39553	877917	10.36%	0.205%
353	16.441	16.411	16.463	HH	64809	1534144	18.11%	0.358%
354	16.475	16.463	16.492	HH	42960	712959	8.42%	0.166%
355	16.503	16.492	16.521	HH	41288	703399	8.30%	0.164%
356	16.561	16.521	16.577	HH	45261	1437645	16.97%	0.335%
357	16.632	16.577	16.659	HH	127351	3373854	39.83%	0.786%
358	16.691	16.659	16.739	HH	148294	3381647	39.92%	0.788%
359	16.791	16.739	16.808	HH	75164	2346632	27.70%	0.547%
360	16.822	16.808	16.840	HH	63723	1136411	13.42%	0.265%
361	16.846	16.840	16.878	HH	58700	1228535	14.50%	0.286%
362	16.898	16.878	16.910	HH	52028	963292	11.37%	0.225%
363	16.931	16.910	16.946	HH	55712	1146484	13.54%	0.267%
364	16.948	16.946	16.974	HH	55105	884421	10.44%	0.206%
365	16.995	16.974	17.012	HH	53264	1197179	14.13%	0.279%
366	17.052	17.012	17.084	HH	64781	2549425	30.10%	0.594%
367	17.094	17.084	17.115	HH	58285	1055141	12.46%	0.246%
368	17.138	17.115	17.169	HH	59301	1800909	21.26%	0.420%
369	17.190	17.169	17.200	HH	60551	1108294	13.08%	0.258%
370	17.222	17.200	17.251	HH	73819	1904798	22.49%	0.444%
371	17.272	17.251	17.289	HH	58131	1270472	15.00%	0.296%
372	17.303	17.289	17.321	HH	58093	1084417	12.80%	0.253%
373	17.348	17.321	17.371	HH	65553	1785248	21.08%	0.416%
374	17.384	17.371	17.421	HH	57935	1682084	19.86%	0.392%
375	17.446	17.421	17.475	HH	60032	1893544	22.35%	0.441%
376	17.486	17.475	17.511	HH	58544	1240592	14.65%	0.289%
377	17.529	17.511	17.542	HH	59379	1114918	13.16%	0.260%
378	17.554	17.542	17.581	HH	59841	1366315	16.13%	0.318%
379	17.598	17.581	17.604	HH	60429	824911	9.74%	0.192%
380	17.657	17.604	17.707	HH	77974	4168936	49.22%	0.972%
381	17.748	17.707	17.773	HH	75992	2664808	31.46%	0.621%
382	17.778	17.773	17.797	HH	67996	981946	11.59%	0.229%
383	17.832	17.797	17.877	HH	74647	3339514	39.43%	0.778%
384	17.897	17.877	17.903	HH	68106	1068165	12.61%	0.249%
385	17.911	17.903	17.935	HH	68840	1288736	15.21%	0.300%
386	17.966	17.935	17.989	HH	87896	2480725	29.29%	0.578%
387	18.013	17.989	18.034	HH	84381	2123953	25.08%	0.495%
388	18.060	18.034	18.122	HH	141643	5245868	61.93%	1.223%
389	18.141	18.122	18.162	HH	80386	1855363	21.90%	0.432%
390	18.188	18.162	18.206	HH	96058	2286013	26.99%	0.533%
391	18.221	18.206	18.276	HH	92909	3502511	41.35%	0.816%
392	18.314	18.276	18.338	HH	146614	3778970	44.61%	0.881%
393	18.346	18.338	18.352	HH	81949	656886	7.76%	0.153%
394	18.374	18.352	18.380	HH	85768	1423803	16.81%	0.332%
395	18.395	18.380	18.414	HH	88046	1737308	20.51%	0.405%
396	18.443	18.414	18.464	HH	99733	2727644	32.20%	0.636%
397	18.482	18.464	18.512	HH	93881	2579619	30.45%	0.601%
398	18.544	18.512	18.557	HH	86090	2283327	26.96%	0.532%
399	18.588	18.557	18.605	HH	93090	2543075	30.02%	0.593%
400	18.611	18.605	18.638	HH	92071	1836377	21.68%	0.428%
401	18.652	18.638	18.686	HH	90061	2534831	29.93%	0.591%
402	18.696	18.686	18.709	HH	88735	1220391	14.41%	0.284%
403	18.715	18.709	18.720	HH	88061	586273	6.92%	0.137%
404	18.741	18.720	18.771	HH	95044	2764002	32.63%	0.644%

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405	18.793	18.771	18.797	HH	93554	1444709	17.06%	0.337%
406	18.803	18.797	18.808	HH	93851	635418	7.50%	0.148%
407	18.843	18.808	18.869	HH	116903	3895861	45.99%	0.908%
408	18.887	18.869	18.911	HH	107270	2609047	30.80%	0.608%
409	18.924	18.911	18.930	HH	98313	1118523	13.21%	0.261%
410	18.967	18.930	19.010	HH	121435	5125718	60.51%	1.195%
411	19.024	19.010	19.043	HH	104668	2069727	24.43%	0.482%
412	19.049	19.043	19.053	HH	100421	599583	7.08%	0.140%
413	19.066	19.053	19.078	HH	101215	1468218	17.33%	0.342%
414	19.101	19.078	19.112	HH	103822	2082981	24.59%	0.486%
415	19.125	19.112	19.134	HH	105565	1407394	16.62%	0.328%
416	19.142	19.134	19.147	HH	105279	822488	9.71%	0.192%
417	19.157	19.147	19.169	HH	105702	1342799	15.85%	0.313%
418	19.180	19.169	19.201	HH	104843	1999833	23.61%	0.466%
419	19.204	19.201	19.212	HH	102994	697799	8.24%	0.163%
420	19.241	19.212	19.249	HH	107205	2282065	26.94%	0.532%
421	19.264	19.249	19.289	HH	109676	2642894	31.20%	0.616%
422	19.316	19.289	19.324	HH	110091	2247848	26.54%	0.524%
423	19.343	19.324	19.367	HH	113238	2861692	33.78%	0.667%
424	19.391	19.367	19.397	HH	114288	2010614	23.74%	0.469%
425	19.409	19.397	19.413	HH	116204	1102058	13.01%	0.257%
426	19.419	19.413	19.424	HH	116215	707787	8.36%	0.165%
427	19.465	19.424	19.493	HH	139393	5266015	62.17%	1.227%
428	19.536	19.493	19.563	HH	142398	5391662	63.65%	1.257%
429	19.592	19.563	19.606	HH	127678	3185696	37.61%	0.743%
430	19.622	19.606	19.634	HH	128309	2154872	25.44%	0.502%
431	19.639	19.634	19.646	HH	126057	877326	10.36%	0.205%
432	19.657	19.646	19.667	HH	127303	1587000	18.74%	0.370%
433	19.681	19.667	19.700	HH	127377	2489688	29.39%	0.580%
434	19.728	19.700	19.736	HH	130876	2791967	32.96%	0.651%
435	19.745	19.736	19.750	HH	132652	1146556	13.54%	0.267%
436	19.756	19.750	19.766	HH	132925	1250595	14.76%	0.292%
437	19.772	19.766	19.796	HH	132196	2325446	27.45%	0.542%
438	19.801	19.796	19.812	HH	129151	1216217	14.36%	0.283%
439	19.847	19.812	19.872	HH	155753	5180592	61.16%	1.208%
440	19.916	19.872	19.934	HH	149719	5256233	62.05%	1.225%
441	19.939	19.934	19.954	HH	144444	1670333	19.72%	0.389%
442	19.966	19.954	19.971	HH	141812	1436264	16.96%	0.335%
443	20.001	19.971	20.008	HH	149198	3192883	37.69%	0.744%
444	20.013	20.008	20.021	HH	149693	1222808	14.44%	0.285%
445	20.027	20.021	20.032	HH	147619	915963	10.81%	0.214%
446	20.038	20.032	20.051	HH	149335	1732752	20.46%	0.404%
447	20.060	20.051	20.086	HH	148046	3012616	35.57%	0.702%
448	20.106	20.086	20.111	HH	142332	2135398	25.21%	0.498%
449	20.127	20.111	20.133	HH	143421	1833790	21.65%	0.427%
450	20.136	20.133	20.158	HH	143083	2141566	25.28%	0.499%
451	20.162	20.158	20.168	HH	140414	795131	9.39%	0.185%
452	20.193	20.168	20.198	HH	146002	2650470	31.29%	0.618%
453	20.226	20.198	20.239	HH	149571	3596126	42.46%	0.838%
454	20.257	20.239	20.263	HH	149581	2097348	24.76%	0.489%
455	20.268	20.263	20.287	HH	150099	2175574	25.68%	0.507%
456	20.301	20.287	20.312	HH	147086	2130412	25.15%	0.497%

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457	20.324	20.312	20.335	HH	146996	2009152	23.72%	0.468%
458	20.369	20.335	20.374	HH	147992	3394258	40.07%	0.791%
459	20.411	20.374	20.433	HH	153650	5408434	63.85%	1.261%
460	20.459	20.433	20.469	HH	156720	3265449	38.55%	0.761%
461	20.491	20.469	20.519	HH	162221	4813933	56.83%	1.122%
462	20.527	20.519	20.571	HH	157361	4759202	56.19%	1.109%
463	20.582	20.571	20.596	HH	145392	2117608	25.00%	0.494%
464	20.602	20.596	20.615	HH	143707	1654756	19.54%	0.386%
465	20.628	20.615	20.636	HH	146233	1803114	21.29%	0.420%
466	20.659	20.636	20.669	HH	151715	2979344	35.17%	0.694%
467	20.678	20.669	20.691	HH	150889	1974571	23.31%	0.460%
468	20.723	20.691	20.727	HH	155661	3259607	38.48%	0.760%
469	20.734	20.727	20.780	HH	156376	4854219	57.31%	1.131%
470	20.788	20.780	20.797	HH	148471	1565469	18.48%	0.365%
471	20.818	20.797	20.822	HH	152910	2255681	26.63%	0.526%
472	20.837	20.822	20.887	HH	153143	5788861	68.34%	1.349%
473	20.894	20.887	20.904	HH	144081	1483686	17.52%	0.346%
474	20.937	20.904	20.943	HH	148821	3332267	39.34%	0.777%
475	20.947	20.943	20.967	HH	148600	2192933	25.89%	0.511%
476	20.978	20.967	20.984	HH	146583	1426486	16.84%	0.333%
477	21.034	20.984	21.066	HH	150627	7360653	86.90%	1.716%
478	21.075	21.066	21.082	HH	146370	1360415	16.06%	0.317%
479	21.123	21.082	21.169	HH	149645	7595751	89.67%	1.771%
480	21.214	21.169	21.266	HH	150691	8470372	100.00%	1.974%
481	21.279	21.266	21.286	HH	142872	1708498	20.17%	0.398%
482	21.292	21.286	21.299	HH	143674	1123698	13.27%	0.262%
483	21.305	21.299	21.318	HH	143106	1637411	19.33%	0.382%
484	21.334	21.318	21.341	HH	143897	1976590	23.34%	0.461%
485	21.373	21.341	21.381	HH	153164	3540979	41.80%	0.825%
486	21.387	21.381	21.403	HH	152056	1986971	23.46%	0.463%
487	21.408	21.403	21.483	HH	149819	6999023	82.63%	1.631%
488	21.505	21.483	21.542	HH	139970	4828883	57.01%	1.126%
489	21.592	21.542	21.620	HH	147027	6540249	77.21%	1.524%
490	21.624	21.620	21.661	HHA	142928	3506174	41.39%	0.817%

Sum of corrected areas: 429009504

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