

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031722\
 Data File : FF010058.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2022 17:56
 Sample : N1962-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031022.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.007	1.998	2.015	BH	1363	11210	0.20%	0.003%
2	2.025	2.015	2.030	HH	1353	11611	0.21%	0.003%
3	2.041	2.030	2.062	HH	1449	25197	0.45%	0.007%
4	2.080	2.062	2.130	HH	1690	55008	0.99%	0.016%
5	2.141	2.130	2.160	HH	2941	33987	0.61%	0.010%
6	2.165	2.160	2.183	HH	1350	17001	0.30%	0.005%
7	2.209	2.183	2.223	HH	1376	29522	0.53%	0.009%
8	2.226	2.223	2.241	HH	1307	13469	0.24%	0.004%
9	2.245	2.241	2.258	HH	1230	11600	0.21%	0.003%
10	2.263	2.258	2.267	HH	1167	6360	0.11%	0.002%
11	2.286	2.267	2.298	HH	1288	22099	0.40%	0.007%
12	2.300	2.298	2.316	HH	1222	12747	0.23%	0.004%
13	2.337	2.316	2.352	HH	1515	27946	0.50%	0.008%
14	2.355	2.352	2.368	HH	1218	11675	0.21%	0.003%
15	2.378	2.368	2.400	HH	1319	23334	0.42%	0.007%
16	2.403	2.400	2.412	HH	1235	8508	0.15%	0.003%
17	2.424	2.412	2.446	HH	1278	24190	0.43%	0.007%
18	2.462	2.446	2.468	HH	1231	15843	0.28%	0.005%
19	2.485	2.468	2.487	HH	1300	14565	0.26%	0.004%
20	2.490	2.487	2.495	HH	1311	5579	0.10%	0.002%
21	2.508	2.495	2.516	HH	1408	16941	0.30%	0.005%
22	2.526	2.516	2.531	HH	2277	16184	0.29%	0.005%
23	2.535	2.531	2.573	HH	2264	43055	0.77%	0.013%
24	2.587	2.573	2.625	HH	3681	65521	1.17%	0.019%
25	2.631	2.625	2.642	HH	1085	10282	0.18%	0.003%
26	2.649	2.642	2.658	HH	1146	10019	0.18%	0.003%
27	2.667	2.658	2.715	HH	1186	30997	0.56%	0.009%
28	2.731	2.715	2.737	HH	963	10961	0.20%	0.003%
29	2.739	2.737	2.743	HH	886	3243	0.06%	0.001%
30	2.746	2.743	2.756	HH	862	5944	0.11%	0.002%
31	2.759	2.756	2.779	HH	790	10561	0.19%	0.003%
32	2.796	2.779	2.846	HH	2212	41878	0.75%	0.012%
33	2.856	2.846	2.861	HH	782	6438	0.12%	0.002%
34	2.863	2.861	2.870	HH	793	3924	0.07%	0.001%
35	2.885	2.870	2.928	HH	2431	52105	0.93%	0.015%
36	2.940	2.928	2.966	HH	938	19534	0.35%	0.006%

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37	2.976	2.966	2.986	HH	919	10417	0.19%	0.003%
38	2.988	2.986	3.006	HH	939	10347	0.19%	0.003%
39	3.035	3.006	3.048	HH	1346	27405	0.49%	0.008%
40	3.064	3.048	3.098	HH	1979	38175	0.68%	0.011%
41	3.113	3.098	3.131	HH	1883	23932	0.43%	0.007%
42	3.135	3.131	3.140	HH	816	4456	0.08%	0.001%
43	3.152	3.140	3.173	HH	1345	20510	0.37%	0.006%
44	3.178	3.173	3.198	HH	934	12662	0.23%	0.004%
45	3.207	3.198	3.223	HH	872	12022	0.22%	0.004%
46	3.235	3.223	3.247	HH	780	10016	0.18%	0.003%
47	3.265	3.247	3.285	HH	1611	23825	0.43%	0.007%
48	3.290	3.285	3.325	HH	878	18032	0.32%	0.005%
49	3.332	3.325	3.344	HH	730	7444	0.13%	0.002%
50	3.361	3.344	3.373	HH	1062	15248	0.27%	0.004%
51	3.380	3.373	3.395	HH	901	10865	0.19%	0.003%
52	3.409	3.395	3.415	HH	734	8188	0.15%	0.002%
53	3.418	3.415	3.433	HH	710	7195	0.13%	0.002%
54	3.437	3.433	3.455	HH	672	8456	0.15%	0.002%
55	3.460	3.455	3.476	HH	866	9625	0.17%	0.003%
56	3.493	3.476	3.508	HH	1147	17930	0.32%	0.005%
57	3.520	3.508	3.552	HH	982	23576	0.42%	0.007%
58	3.560	3.552	3.576	HH	901	11491	0.21%	0.003%
59	3.583	3.576	3.599	HH	783	10076	0.18%	0.003%
60	3.610	3.599	3.620	HH	757	8844	0.16%	0.003%
61	3.625	3.620	3.649	HH	887	13506	0.24%	0.004%
62	3.664	3.649	3.687	HH	1531	24410	0.44%	0.007%
63	3.698	3.687	3.713	HH	1061	13222	0.24%	0.004%
64	3.726	3.713	3.734	HH	1046	11782	0.21%	0.003%
65	3.743	3.734	3.767	HH	1134	18169	0.33%	0.005%
66	3.779	3.767	3.792	HH	955	12500	0.22%	0.004%
67	3.812	3.792	3.835	HH	958	20403	0.37%	0.006%
68	3.861	3.835	3.873	HH	1309	21399	0.38%	0.006%
69	3.878	3.873	3.895	HH	1098	11576	0.21%	0.003%
70	3.909	3.895	3.926	HH	954	15318	0.27%	0.005%
71	3.944	3.926	3.957	HH	1220	17817	0.32%	0.005%
72	3.964	3.957	3.979	HH	1100	12672	0.23%	0.004%
73	3.983	3.979	4.001	HH	832	9948	0.18%	0.003%
74	4.018	4.001	4.038	HH	9594	86964	1.56%	0.026%
75	4.054	4.038	4.095	HH	4570	66487	1.19%	0.020%
76	4.099	4.095	4.107	HH	941	6337	0.11%	0.002%
77	4.125	4.107	4.156	HH	1055	27441	0.49%	0.008%
78	4.175	4.156	4.185	HH	1302	17973	0.32%	0.005%
79	4.199	4.185	4.223	HH	2079	33620	0.60%	0.010%
80	4.235	4.223	4.288	HH	1749	42986	0.77%	0.013%
81	4.295	4.288	4.322	HH	957	17258	0.31%	0.005%
82	4.351	4.322	4.362	HH	882	18036	0.32%	0.005%
83	4.365	4.362	4.373	HH	906	5796	0.10%	0.002%
84	4.393	4.373	4.415	HH	1080	23481	0.42%	0.007%
85	4.433	4.415	4.459	HH	2080	35536	0.64%	0.010%
86	4.478	4.459	4.495	HH	2029	27996	0.50%	0.008%
87	4.504	4.495	4.521	HH	1248	16806	0.30%	0.005%
88	4.530	4.521	4.565	HH	1146	23083	0.41%	0.007%
89	4.586	4.565	4.609	HH	5936	63963	1.15%	0.019%

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90	4.615	4.609	4.623	HH	876	7098	0.13%	0.002%
91	4.649	4.623	4.682	HH	4162	60263	1.08%	0.018%
92	4.689	4.682	4.704	HH	985	11395	0.20%	0.003%
93	4.722	4.704	4.738	HH	1188	18276	0.33%	0.005%
94	4.741	4.738	4.748	HH	769	4696	0.08%	0.001%
95	4.766	4.748	4.798	HH	2183	39304	0.70%	0.012%
96	4.811	4.798	4.832	HH	981	17408	0.31%	0.005%
97	4.845	4.832	4.862	HH	961	15544	0.28%	0.005%
98	4.888	4.862	4.907	HH	1165	27025	0.48%	0.008%
99	4.917	4.907	4.923	HH	1112	10452	0.19%	0.003%
100	4.930	4.923	4.957	HH	1191	21283	0.38%	0.006%
101	4.984	4.957	5.003	HH	3007	51177	0.92%	0.015%
102	5.012	5.003	5.024	HH	1314	15023	0.27%	0.004%
103	5.044	5.024	5.064	HH	1687	30501	0.55%	0.009%
104	5.070	5.064	5.100	HH	1095	21485	0.39%	0.006%
105	5.130	5.100	5.145	HH	1305	28334	0.51%	0.008%
106	5.155	5.145	5.166	HH	1154	12824	0.23%	0.004%
107	5.179	5.166	5.197	HH	1332	19338	0.35%	0.006%
108	5.208	5.197	5.228	HH	1043	15909	0.29%	0.005%
109	5.238	5.228	5.246	HH	891	8581	0.15%	0.003%
110	5.259	5.246	5.276	HH	1236	18074	0.32%	0.005%
111	5.292	5.276	5.322	HH	3753	48915	0.88%	0.014%
112	5.328	5.322	5.340	HH	883	8319	0.15%	0.002%
113	5.358	5.340	5.395	HH	1560	32357	0.58%	0.010%
114	5.399	5.395	5.408	HH	690	4998	0.09%	0.001%
115	5.427	5.408	5.449	HH	852	17852	0.32%	0.005%
116	5.473	5.449	5.492	HH	1370	24703	0.44%	0.007%
117	5.515	5.492	5.558	HH	2557	58065	1.04%	0.017%
118	5.586	5.558	5.620	HH	1794	46745	0.84%	0.014%
119	5.659	5.620	5.680	HH	1466	39478	0.71%	0.012%
120	5.700	5.680	5.711	HH	2105	26867	0.48%	0.008%
121	5.723	5.711	5.744	HH	1617	28737	0.51%	0.008%
122	5.757	5.744	5.768	HH	1805	21506	0.39%	0.006%
123	5.775	5.768	5.795	HH	1588	22245	0.40%	0.007%
124	5.814	5.795	5.837	HH	1782	34043	0.61%	0.010%
125	5.852	5.837	5.861	HH	1149	15522	0.28%	0.005%
126	5.873	5.861	5.879	HH	1195	11877	0.21%	0.003%
127	5.903	5.879	5.948	HH	3370	71877	1.29%	0.021%
128	5.958	5.948	5.968	HH	1610	17465	0.31%	0.005%
129	5.975	5.968	5.986	HH	1528	16531	0.30%	0.005%
130	6.022	5.986	6.050	HH	61180	606212	10.86%	0.179%
131	6.069	6.050	6.083	HH	2898	35703	0.64%	0.011%
132	6.094	6.083	6.110	HH	1703	22368	0.40%	0.007%
133	6.121	6.110	6.139	HH	1373	20373	0.37%	0.006%
134	6.171	6.139	6.198	HH	2755	56262	1.01%	0.017%
135	6.200	6.198	6.216	HH	1171	11156	0.20%	0.003%
136	6.224	6.216	6.228	HH	1058	7628	0.14%	0.002%
137	6.254	6.228	6.280	HH	1340	34724	0.62%	0.010%
138	6.298	6.280	6.341	HH	2860	59985	1.07%	0.018%
139	6.346	6.341	6.361	HH	1012	11508	0.21%	0.003%
140	6.377	6.361	6.406	HH	1187	26079	0.47%	0.008%
141	6.409	6.406	6.418	HH	829	6202	0.11%	0.002%

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142	6.460	6.418	6.505	HH	3153	76891	1.38%	0.023%
143	6.510	6.505	6.518	HH	963	7119	0.13%	0.002%
144	6.525	6.518	6.542	HH	1103	13987	0.25%	0.004%
145	6.556	6.542	6.572	HH	1258	19856	0.36%	0.006%
146	6.577	6.572	6.588	HH	1213	10358	0.19%	0.003%
147	6.602	6.588	6.634	HH	1253	27608	0.49%	0.008%
148	6.661	6.634	6.695	HH	1692	39951	0.72%	0.012%
149	6.707	6.695	6.721	HH	1189	15791	0.28%	0.005%
150	6.733	6.721	6.745	HH	1475	18332	0.33%	0.005%
151	6.754	6.745	6.765	HH	1568	17381	0.31%	0.005%
152	6.773	6.765	6.784	HH	1462	16193	0.29%	0.005%
153	6.790	6.784	6.811	HH	1520	19726	0.35%	0.006%
154	6.829	6.811	6.842	HH	1311	21355	0.38%	0.006%
155	6.854	6.842	6.863	HH	1414	16601	0.30%	0.005%
156	6.874	6.863	6.895	HH	1458	24961	0.45%	0.007%
157	6.912	6.895	6.961	HH	5205	96322	1.73%	0.028%
158	6.982	6.961	6.999	HH	2081	36077	0.65%	0.011%
159	7.014	6.999	7.043	HH	1518	33239	0.60%	0.010%
160	7.076	7.043	7.100	HH	27452	285613	5.12%	0.084%
161	7.137	7.100	7.152	HH	2638	59259	1.06%	0.017%
162	7.159	7.152	7.188	HH	1921	34996	0.63%	0.010%
163	7.211	7.188	7.234	HH	27076	272275	4.88%	0.080%
164	7.249	7.234	7.308	HH	1768	60398	1.08%	0.018%
165	7.336	7.308	7.356	HH	1260	32454	0.58%	0.010%
166	7.374	7.356	7.407	HH	4502	64601	1.16%	0.019%
167	7.436	7.407	7.475	HH	1591	52772	0.95%	0.016%
168	7.495	7.475	7.502	HH	1512	21993	0.39%	0.006%
169	7.512	7.502	7.524	HH	1725	20683	0.37%	0.006%
170	7.548	7.524	7.579	HH	1680	45600	0.82%	0.013%
171	7.591	7.579	7.620	HH	1505	30767	0.55%	0.009%
172	7.634	7.620	7.650	HH	1228	20402	0.37%	0.006%
173	7.666	7.650	7.697	HH	1953	41124	0.74%	0.012%
174	7.715	7.697	7.737	HH	1964	36056	0.65%	0.011%
175	7.743	7.737	7.754	HH	1227	11773	0.21%	0.003%
176	7.799	7.754	7.817	HH	6918	117664	2.11%	0.035%
177	7.831	7.817	7.844	HH	2792	37267	0.67%	0.011%
178	7.854	7.844	7.878	HH	2048	34694	0.62%	0.010%
179	7.897	7.878	7.919	HH	2204	40885	0.73%	0.012%
180	7.956	7.919	7.983	HH	6478	124636	2.23%	0.037%
181	7.998	7.983	8.013	HH	2405	35933	0.64%	0.011%
182	8.028	8.013	8.032	HH	2263	23525	0.42%	0.007%
183	8.053	8.032	8.058	HH	9118	91548	1.64%	0.027%
184	8.066	8.058	8.092	HH	10092	115206	2.06%	0.034%
185	8.095	8.092	8.107	HH	1691	14419	0.26%	0.004%
186	8.132	8.107	8.148	HH	2983	55519	0.99%	0.016%
187	8.172	8.148	8.187	HH	19952	230869	4.14%	0.068%
188	8.199	8.187	8.218	HH	10822	120111	2.15%	0.035%
189	8.243	8.218	8.269	HH	9650	142624	2.56%	0.042%
190	8.292	8.269	8.308	HH	2740	48024	0.86%	0.014%
191	8.332	8.308	8.339	HH	8921	120004	2.15%	0.035%
192	8.355	8.339	8.399	HH	18191	259245	4.65%	0.076%
193	8.410	8.399	8.426	HH	2091	30599	0.55%	0.009%
194	8.445	8.426	8.465	HH	7173	89786	1.61%	0.026%

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195	8.491	8.465	8.506	HH	2452	49002	0.88%	0.014%
196	8.535	8.506	8.558	HH	2062	54438	0.98%	0.016%
197	8.573	8.558	8.578	HH	1582	17434	0.31%	0.005%
198	8.601	8.578	8.627	HH	5032	87746	1.57%	0.026%
199	8.651	8.627	8.674	HH	61699	637630	11.43%	0.188%
200	8.695	8.674	8.743	HH	7101	152611	2.73%	0.045%
201	8.766	8.743	8.800	HH	4827	114024	2.04%	0.034%
202	8.811	8.800	8.821	HH	2477	28422	0.51%	0.008%
203	8.836	8.821	8.853	HH	2447	42575	0.76%	0.013%
204	8.892	8.853	8.905	HH	10514	160604	2.88%	0.047%
205	8.922	8.905	8.948	HH	44310	464780	8.33%	0.137%
206	8.962	8.948	8.972	HH	3437	40985	0.73%	0.012%
207	8.979	8.972	8.998	HH	3195	46122	0.83%	0.014%
208	9.014	8.998	9.033	HH	3938	61887	1.11%	0.018%
209	9.062	9.033	9.083	HH	9149	146221	2.62%	0.043%
210	9.099	9.083	9.145	HH	7682	136000	2.44%	0.040%
211	9.157	9.145	9.186	HH	1868	43547	0.78%	0.013%
212	9.216	9.186	9.232	HH	7585	112818	2.02%	0.033%
213	9.246	9.232	9.277	HH	6699	96758	1.73%	0.028%
214	9.298	9.277	9.315	HH	3486	58647	1.05%	0.017%
215	9.351	9.315	9.372	HH	8167	149221	2.67%	0.044%
216	9.390	9.372	9.407	HH	5083	75123	1.35%	0.022%
217	9.434	9.407	9.487	HH	93651	1047032	18.76%	0.308%
218	9.513	9.487	9.542	HH	9050	170797	3.06%	0.050%
219	9.555	9.542	9.568	HH	7348	87409	1.57%	0.026%
220	9.585	9.568	9.602	HH	14688	198717	3.56%	0.059%
221	9.613	9.602	9.627	HH	8070	94118	1.69%	0.028%
222	9.645	9.627	9.666	HH	10573	151144	2.71%	0.045%
223	9.689	9.666	9.713	HH	4104	100089	1.79%	0.029%
224	9.716	9.713	9.731	HH	3094	30106	0.54%	0.009%
225	9.755	9.731	9.784	HH	18280	259863	4.66%	0.077%
226	9.807	9.784	9.823	HH	4501	96010	1.72%	0.028%
227	9.854	9.823	9.898	HH	24457	400394	7.17%	0.118%
228	9.917	9.898	9.935	HH	6340	94420	1.69%	0.028%
229	9.952	9.935	9.976	HH	4001	75682	1.36%	0.022%
230	9.992	9.976	9.998	HH	2806	33514	0.60%	0.010%
231	10.022	9.998	10.079	HH	4084	141321	2.53%	0.042%
232	10.093	10.079	10.098	HH	2079	23799	0.43%	0.007%
233	10.121	10.098	10.136	HH	3587	62567	1.12%	0.018%
234	10.147	10.136	10.158	HH	2673	35297	0.63%	0.010%
235	10.177	10.158	10.195	HH	5093	86478	1.55%	0.025%
236	10.202	10.195	10.216	HH	3472	39407	0.71%	0.012%
237	10.232	10.216	10.251	HH	5108	87081	1.56%	0.026%
238	10.260	10.251	10.267	HH	3847	37698	0.68%	0.011%
239	10.314	10.267	10.336	HH	23522	421684	7.56%	0.124%
240	10.354	10.336	10.394	HH	13811	236954	4.25%	0.070%
241	10.432	10.394	10.465	HH	16924	339612	6.09%	0.100%
242	10.482	10.465	10.502	HH	10214	173936	3.12%	0.051%
243	10.507	10.502	10.520	HH	5663	57824	1.04%	0.017%
244	10.530	10.520	10.548	HH	5478	81244	1.46%	0.024%
245	10.603	10.548	10.615	HH	13853	326184	5.85%	0.096%
246	10.637	10.615	10.658	HH	30965	494125	8.85%	0.146%

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247	10.665	10.658	10.681	HH	8490	94396	1.69%	0.028%
248	10.708	10.681	10.715	HH	6340	117701	2.11%	0.035%
249	10.735	10.715	10.753	HH	11044	179030	3.21%	0.053%
250	10.768	10.753	10.786	HH	5979	106525	1.91%	0.031%
251	10.803	10.786	10.812	HH	11164	129053	2.31%	0.038%
252	10.839	10.812	10.879	HH	498450	5287232	94.75%	1.557%
253	10.910	10.879	10.930	HH	109748	1240219	22.22%	0.365%
254	10.937	10.930	10.953	HH	9973	113295	2.03%	0.033%
255	10.960	10.953	10.974	HH	6015	71142	1.27%	0.021%
256	10.985	10.974	10.998	HH	6365	84125	1.51%	0.025%
257	11.013	10.998	11.032	HH	6110	116864	2.09%	0.034%
258	11.048	11.032	11.064	HH	6159	108754	1.95%	0.032%
259	11.079	11.064	11.097	HH	7664	130260	2.33%	0.038%
260	11.121	11.097	11.165	HH	39168	592070	10.61%	0.174%
261	11.192	11.165	11.209	HH	8181	179913	3.22%	0.053%
262	11.230	11.209	11.252	HH	8967	193160	3.46%	0.057%
263	11.261	11.252	11.273	HH	7467	89473	1.60%	0.026%
264	11.284	11.273	11.296	HH	7530	99992	1.79%	0.029%
265	11.325	11.296	11.337	HH	8777	193611	3.47%	0.057%
266	11.373	11.337	11.403	HH	16904	453301	8.12%	0.133%
267	11.434	11.403	11.457	HH	11526	256750	4.60%	0.076%
268	11.487	11.457	11.510	HH	15084	297227	5.33%	0.088%
269	11.528	11.510	11.551	HH	8376	180683	3.24%	0.053%
270	11.556	11.551	11.571	HH	6835	79050	1.42%	0.023%
271	11.588	11.571	11.605	HH	8244	151454	2.71%	0.045%
272	11.638	11.605	11.652	HH	65991	827581	14.83%	0.244%
273	11.668	11.652	11.694	HH	80366	951511	17.05%	0.280%
274	11.700	11.694	11.706	HH	6692	46688	0.84%	0.014%
275	11.753	11.706	11.770	HH	68871	1207176	21.63%	0.356%
276	11.785	11.770	11.800	HH	41775	513242	9.20%	0.151%
277	11.816	11.800	11.845	HH	58211	781971	14.01%	0.230%
278	11.859	11.845	11.867	HH	8921	105543	1.89%	0.031%
279	11.885	11.867	11.913	HH	12981	289865	5.19%	0.085%
280	11.956	11.913	11.972	HH	12652	337179	6.04%	0.099%
281	11.991	11.972	12.024	HH	16299	398652	7.14%	0.117%
282	12.028	12.024	12.060	HH	10358	198523	3.56%	0.058%
283	12.071	12.060	12.079	HH	8446	97362	1.74%	0.029%
284	12.109	12.079	12.130	HH	43238	628917	11.27%	0.185%
285	12.141	12.130	12.156	HH	10938	159795	2.86%	0.047%
286	12.168	12.156	12.182	HH	11173	162444	2.91%	0.048%
287	12.203	12.182	12.234	HH	53158	758740	13.60%	0.223%
288	12.256	12.234	12.274	HH	16615	301805	5.41%	0.089%
289	12.287	12.274	12.303	HH	10218	161372	2.89%	0.048%
290	12.316	12.303	12.323	HH	9750	117892	2.11%	0.035%
291	12.359	12.323	12.373	HH	17363	392510	7.03%	0.116%
292	12.380	12.373	12.408	HH	15013	249754	4.48%	0.074%
293	12.427	12.408	12.467	HH	23532	561266	10.06%	0.165%
294	12.486	12.467	12.493	HH	14366	188348	3.38%	0.055%
295	12.505	12.493	12.518	HH	15369	208491	3.74%	0.061%
296	12.538	12.518	12.557	HH	45707	670814	12.02%	0.198%
297	12.574	12.557	12.587	HH	24347	385143	6.90%	0.113%
298	12.600	12.587	12.623	HH	25653	427163	7.65%	0.126%
299	12.657	12.623	12.694	HH	432018	5338938	95.67%	1.572%

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300	12.715	12.694	12.733	HH	12136	240199	4.30%	0.071%
301	12.751	12.733	12.765	HH	13135	221351	3.97%	0.065%
302	12.788	12.765	12.800	HH	18642	326132	5.84%	0.096%
303	12.814	12.800	12.826	HH	21561	289585	5.19%	0.085%
304	12.841	12.826	12.859	HH	26999	418326	7.50%	0.123%
305	12.869	12.859	12.924	HH	18698	566218	10.15%	0.167%
306	12.956	12.924	12.978	HH	367397	4371415	78.33%	1.287%
307	13.008	12.978	13.023	HH	37335	651884	11.68%	0.192%
308	13.039	13.023	13.071	HH	48063	753451	13.50%	0.222%
309	13.091	13.071	13.105	HH	14989	273882	4.91%	0.081%
310	13.124	13.105	13.138	HH	25418	390517	7.00%	0.115%
311	13.150	13.138	13.177	HH	20983	373544	6.69%	0.110%
312	13.218	13.177	13.249	HH	37956	870975	15.61%	0.257%
313	13.277	13.249	13.316	HH	47567	1103182	19.77%	0.325%
314	13.326	13.316	13.333	HH	18675	187136	3.35%	0.055%
315	13.348	13.333	13.364	HH	25974	391458	7.01%	0.115%
316	13.376	13.364	13.387	HH	18763	247241	4.43%	0.073%
317	13.410	13.387	13.430	HH	38412	723162	12.96%	0.213%
318	13.436	13.430	13.474	HH	21179	460845	8.26%	0.136%
319	13.493	13.474	13.502	HH	19503	287917	5.16%	0.085%
320	13.540	13.502	13.580	HH	83743	1691890	30.32%	0.498%
321	13.607	13.580	13.623	HH	19217	431214	7.73%	0.127%
322	13.648	13.623	13.669	HH	64057	1030950	18.47%	0.304%
323	13.686	13.669	13.706	HH	45416	674877	12.09%	0.199%
324	13.731	13.706	13.759	HH	21845	622636	11.16%	0.183%
325	13.816	13.759	13.838	HH	42838	1256488	22.52%	0.370%
326	13.858	13.838	13.889	HH	40117	788598	14.13%	0.232%
327	13.906	13.889	13.918	HH	19787	328400	5.88%	0.097%
328	13.953	13.918	13.975	HH	35186	869885	15.59%	0.256%
329	13.990	13.975	14.011	HH	22799	449270	8.05%	0.132%
330	14.028	14.011	14.054	HH	20097	493287	8.84%	0.145%
331	14.070	14.054	14.103	HH	18627	499484	8.95%	0.147%
332	14.124	14.103	14.143	HH	18711	413613	7.41%	0.122%
333	14.155	14.143	14.168	HH	17347	256771	4.60%	0.076%
334	14.186	14.168	14.199	HH	19342	342077	6.13%	0.101%
335	14.236	14.199	14.256	HH	28491	818198	14.66%	0.241%
336	14.272	14.256	14.304	HH	30875	686535	12.30%	0.202%
337	14.359	14.304	14.370	HH	27327	886243	15.88%	0.261%
338	14.374	14.370	14.400	HH	27203	436872	7.83%	0.129%
339	14.414	14.400	14.425	HH	22206	318745	5.71%	0.094%
340	14.454	14.425	14.492	HH	37868	1100994	19.73%	0.324%
341	14.517	14.492	14.538	HH	61931	1045388	18.73%	0.308%
342	14.574	14.538	14.604	HH	33248	1049638	18.81%	0.309%
343	14.637	14.604	14.657	HH	23308	675630	12.11%	0.199%
344	14.694	14.657	14.757	HH	197688	3686296	66.06%	1.086%
345	14.780	14.757	14.798	HH	27407	571975	10.25%	0.168%
346	14.828	14.798	14.849	HH	164473	2408379	43.16%	0.709%
347	14.870	14.849	14.903	HH	160480	2314669	41.48%	0.682%
348	14.918	14.903	14.928	HH	23789	344074	6.17%	0.101%
349	14.939	14.928	14.957	HH	23612	405929	7.27%	0.120%
350	14.990	14.957	15.016	HH	42998	1069935	19.17%	0.315%
351	15.030	15.016	15.045	HH	26064	436576	7.82%	0.129%

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352	15.066	15.045	15.091	HH	30228	701013	12.56%	0.206%
353	15.095	15.091	15.101	HH	21174	125902	2.26%	0.037%
354	15.128	15.101	15.151	HH	33892	817560	14.65%	0.241%
355	15.171	15.151	15.222	HH	31680	1115531	19.99%	0.329%
356	15.239	15.222	15.244	HH	22737	295541	5.30%	0.087%
357	15.279	15.244	15.330	HH	77708	1974607	35.38%	0.582%
358	15.345	15.330	15.356	HH	23163	360400	6.46%	0.106%
359	15.372	15.356	15.380	HH	23568	334314	5.99%	0.098%
360	15.419	15.380	15.438	HH	28791	893783	16.02%	0.263%
361	15.460	15.438	15.479	HH	31425	715460	12.82%	0.211%
362	15.500	15.479	15.521	HH	57899	1026322	18.39%	0.302%
363	15.538	15.521	15.563	HH	38507	777075	13.92%	0.229%
364	15.581	15.563	15.600	HH	29473	626465	11.23%	0.184%
365	15.615	15.600	15.622	HH	28044	357432	6.41%	0.105%
366	15.663	15.622	15.705	HH	43775	1642194	29.43%	0.484%
367	15.742	15.705	15.765	HH	31646	993225	17.80%	0.293%
368	15.794	15.765	15.804	HH	26566	604023	10.82%	0.178%
369	15.825	15.804	15.841	HH	30838	624717	11.19%	0.184%
370	15.850	15.841	15.873	HH	27999	506705	9.08%	0.149%
371	15.918	15.873	15.948	HH	30596	1243342	22.28%	0.366%
372	15.966	15.948	15.979	HH	27673	498448	8.93%	0.147%
373	15.984	15.979	15.992	HH	27064	201591	3.61%	0.059%
374	15.998	15.992	16.013	HH	27008	348628	6.25%	0.103%
375	16.028	16.013	16.047	HH	27612	538422	9.65%	0.159%
376	16.060	16.047	16.077	HH	27649	488703	8.76%	0.144%
377	16.107	16.077	16.125	HH	34208	894775	16.03%	0.264%
378	16.138	16.125	16.152	HH	31798	495557	8.88%	0.146%
379	16.171	16.152	16.189	HH	33939	691442	12.39%	0.204%
380	16.212	16.189	16.238	HH	34546	938980	16.83%	0.277%
381	16.250	16.238	16.255	HH	30607	314846	5.64%	0.093%
382	16.295	16.255	16.338	HH	41462	1721501	30.85%	0.507%
383	16.388	16.338	16.405	HH	147841	2897447	51.92%	0.853%
384	16.414	16.405	16.455	HH	80620	1431460	25.65%	0.422%
385	16.472	16.455	16.488	HH	31746	628173	11.26%	0.185%
386	16.516	16.488	16.540	HH	52068	1228319	22.01%	0.362%
387	16.553	16.540	16.571	HH	35849	632287	11.33%	0.186%
388	16.575	16.571	16.599	HH	33159	539966	9.68%	0.159%
389	16.604	16.599	16.611	HH	32514	247937	4.44%	0.073%
390	16.636	16.611	16.654	HH	35574	857631	15.37%	0.253%
391	16.708	16.654	16.734	HH	106319	2713533	48.63%	0.799%
392	16.765	16.734	16.812	HH	132693	2799313	50.16%	0.824%
393	16.866	16.812	16.896	HH	63074	2145896	38.45%	0.632%
394	16.915	16.896	16.960	HH	41553	1485035	26.61%	0.437%
395	17.006	16.960	17.042	HH	43698	1987342	35.61%	0.585%
396	17.071	17.042	17.088	HH	39303	1046943	18.76%	0.308%
397	17.132	17.088	17.159	HH	50143	1867028	33.46%	0.550%
398	17.171	17.159	17.207	HH	42859	1163580	20.85%	0.343%
399	17.233	17.207	17.243	HH	42725	886494	15.89%	0.261%
400	17.265	17.243	17.277	HH	47598	936579	16.78%	0.276%
401	17.291	17.277	17.309	HH	49756	898797	16.11%	0.265%
402	17.315	17.309	17.334	HH	44013	638874	11.45%	0.188%
403	17.348	17.334	17.368	HH	45442	866807	15.53%	0.255%
404	17.376	17.368	17.387	HH	42707	502085	9.00%	0.148%

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405	17.421	17.387	17.452	HH	47072	1688701	30.26%	0.497%
406	17.463	17.452	17.485	HH	43494	845153	15.14%	0.249%
407	17.489	17.485	17.503	HH	40844	434892	7.79%	0.128%
408	17.543	17.503	17.570	HH	43674	1692593	30.33%	0.498%
409	17.605	17.570	17.633	HH	43160	1564717	28.04%	0.461%
410	17.657	17.633	17.661	HH	42985	700415	12.55%	0.206%
411	17.681	17.661	17.700	HH	45451	1051094	18.84%	0.310%
412	17.737	17.700	17.741	HH	48859	1143000	20.48%	0.337%
413	17.756	17.741	17.783	HH	50417	1217855	21.82%	0.359%
414	17.812	17.783	17.827	HH	48243	1187124	21.27%	0.350%
415	17.856	17.827	17.877	HH	50924	1478136	26.49%	0.435%
416	17.913	17.877	17.959	HH	54197	2475038	44.35%	0.729%
417	17.975	17.959	18.006	HH	50377	1372704	24.60%	0.404%
418	18.042	18.006	18.062	HH	64441	1824430	32.69%	0.537%
419	18.077	18.062	18.092	HH	53185	948106	16.99%	0.279%
420	18.131	18.092	18.157	HH	114808	3004604	53.84%	0.885%
421	18.173	18.157	18.204	HH	64288	1659811	29.74%	0.489%
422	18.217	18.204	18.234	HH	56229	975736	17.48%	0.287%
423	18.270	18.234	18.283	HH	71033	1812322	32.48%	0.534%
424	18.297	18.283	18.358	HH	70018	2668272	47.81%	0.786%
425	18.388	18.358	18.414	HH	115824	2517616	45.11%	0.741%
426	18.427	18.414	18.452	HH	56066	1236998	22.17%	0.364%
427	18.476	18.452	18.493	HH	58213	1395377	25.00%	0.411%
428	18.517	18.493	18.547	HH	68629	1936401	34.70%	0.570%
429	18.582	18.547	18.606	HH	60416	1977757	35.44%	0.582%
430	18.616	18.606	18.636	HH	55395	959991	17.20%	0.283%
431	18.644	18.636	18.666	HH	53640	953425	17.09%	0.281%
432	18.696	18.666	18.723	HH	61619	1973642	35.37%	0.581%
433	18.750	18.723	18.766	HH	57988	1460098	26.16%	0.430%
434	18.778	18.766	18.786	HH	56598	648053	11.61%	0.191%
435	18.796	18.786	18.802	HH	57061	562209	10.07%	0.166%
436	18.820	18.802	18.839	HH	60391	1304703	23.38%	0.384%
437	18.861	18.839	18.876	HH	59061	1275871	22.86%	0.376%
438	18.881	18.876	18.883	HH	58064	254581	4.56%	0.075%
439	18.898	18.883	18.920	HH	60957	1299485	23.29%	0.383%
440	18.948	18.920	18.975	HH	81644	2274681	40.76%	0.670%
441	18.996	18.975	19.022	HH	67514	1802347	32.30%	0.531%
442	19.034	19.022	19.042	HH	61141	739283	13.25%	0.218%
443	19.046	19.042	19.049	HH	61098	249844	4.48%	0.074%
444	19.072	19.049	19.084	HH	65236	1330851	23.85%	0.392%
445	19.088	19.084	19.144	HH	64252	2216311	39.72%	0.653%
446	19.148	19.144	19.155	HH	60304	421513	7.55%	0.124%
447	19.191	19.155	19.209	HH	64937	1995469	35.76%	0.588%
448	19.234	19.209	19.260	HH	63171	1943802	34.83%	0.572%
449	19.276	19.260	19.293	HH	64953	1244382	22.30%	0.366%
450	19.302	19.293	19.307	HH	63349	530486	9.51%	0.156%
451	19.315	19.307	19.325	HH	63568	664414	11.91%	0.196%
452	19.375	19.325	19.386	HH	66933	2420059	43.37%	0.713%
453	19.436	19.386	19.451	HH	73351	2757469	49.41%	0.812%
454	19.473	19.451	19.508	HH	77650	2481087	44.46%	0.731%
455	19.544	19.508	19.573	HH	92388	3027632	54.25%	0.892%
456	19.609	19.573	19.637	HH	88763	3044077	54.55%	0.896%

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457	19.662	19.637	19.677	HH	84774	1942483	34.81%	0.572%
458	19.695	19.677	19.711	HH	85136	1703214	30.52%	0.502%
459	19.728	19.711	19.767	HH	85152	2741492	49.13%	0.807%
460	19.784	19.767	19.805	HH	75913	1721327	30.85%	0.507%
461	19.825	19.805	19.857	HH	78969	2384141	42.72%	0.702%
462	19.920	19.857	19.946	HH	102115	4590329	82.26%	1.352%
463	19.988	19.946	20.031	HH	90686	4348346	77.92%	1.281%
464	20.061	20.031	20.085	HH	87096	2707502	48.52%	0.797%
465	20.112	20.085	20.140	HH	87353	2837208	50.84%	0.836%
466	20.190	20.140	20.208	HH	88385	3544487	63.52%	1.044%
467	20.214	20.208	20.220	HH	87727	618142	11.08%	0.182%
468	20.229	20.220	20.233	HH	87869	685480	12.28%	0.202%
469	20.239	20.233	20.252	HH	89252	994233	17.82%	0.293%
470	20.275	20.252	20.312	HH	102503	3384291	60.65%	0.997%
471	20.331	20.312	20.335	HH	90537	1246205	22.33%	0.367%
472	20.347	20.335	20.365	HH	91982	1598410	28.64%	0.471%
473	20.379	20.365	20.386	HH	91939	1189512	21.32%	0.350%
474	20.406	20.386	20.414	HH	93116	1520060	27.24%	0.448%
475	20.422	20.414	20.428	HH	93193	821871	14.73%	0.242%
476	20.436	20.428	20.446	HH	93999	1006261	18.03%	0.296%
477	20.466	20.446	20.502	HH	94465	3105151	55.64%	0.914%
478	20.508	20.502	20.512	HH	92301	574753	10.30%	0.169%
479	20.524	20.512	20.530	HH	92762	1010463	18.11%	0.298%
480	20.532	20.530	20.539	HH	92894	503770	9.03%	0.148%
481	20.551	20.539	20.559	HH	94209	1104327	19.79%	0.325%
482	20.564	20.559	20.572	HH	93743	723680	12.97%	0.213%
483	20.579	20.572	20.586	HH	93751	798150	14.30%	0.235%
484	20.599	20.586	20.625	HH	93947	2192409	39.29%	0.646%
485	20.641	20.625	20.652	HH	94173	1468952	26.32%	0.433%
486	20.670	20.652	20.677	HH	94790	1450303	25.99%	0.427%
487	20.689	20.677	20.707	HH	94427	1692464	30.33%	0.498%
488	20.711	20.707	20.721	HH	94443	758687	13.60%	0.223%
489	20.752	20.721	20.819	HH	95239	5535191	99.19%	1.630%
490	20.823	20.819	20.830	HH	92030	601478	10.78%	0.177%
491	20.840	20.830	20.873	HH	92690	2365362	42.39%	0.697%
492	20.878	20.873	20.887	HH	90656	784130	14.05%	0.231%
493	20.923	20.887	20.967	HH	95464	4488741	80.44%	1.322%
494	20.973	20.967	20.997	HH	92721	1627355	29.16%	0.479%
495	21.023	20.997	21.066	HH	93935	3827502	68.59%	1.127%
496	21.074	21.066	21.080	HH	90644	761020	13.64%	0.224%
497	21.087	21.080	21.098	HH	90806	987036	17.69%	0.291%
498	21.109	21.098	21.115	HH	91260	923079	16.54%	0.272%
499	21.140	21.115	21.155	HH	92305	2170843	38.90%	0.639%
500	21.161	21.155	21.167	HH	90737	659368	11.82%	0.194%
501	21.185	21.167	21.192	HH	91508	1385161	24.82%	0.408%
502	21.204	21.192	21.209	HH	92402	925778	16.59%	0.273%
503	21.214	21.209	21.239	HH	92416	1637892	29.35%	0.482%
504	21.295	21.239	21.321	HH	100182	4698803	84.20%	1.384%
505	21.336	21.321	21.424	HH	94464	5580454	100.00%	1.643%
506	21.433	21.424	21.437	HH	86785	679446	12.18%	0.200%
507	21.458	21.437	21.481	HH	88473	2326625	41.69%	0.685%
508	21.504	21.481	21.541	HH	90140	3185760	57.09%	0.938%
509	21.591	21.541	21.635	HH	95246	5023036	90.01%	1.479%

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510	21.671	21.635	21.710	HH	94760	4114705	73.73%	1.212%
511	21.722	21.710	21.746	HH	89573	1901052	34.07%	0.560%
512	21.769	21.746	21.796	HH	88888	2621824	46.98%	0.772%
513	21.807	21.796	21.853	HH	86244	2894687	51.87%	0.852%
514	21.861	21.853	21.865	HH	83307	583256	10.45%	0.172%
515	21.891	21.865	21.896	HH	84427	1575421	28.23%	0.464%
516	21.902	21.896	21.907	HH	84679	541883	9.71%	0.160%
517	21.959	21.907	21.993	HH	86438	4405944	78.95%	1.298%
					Sum of corrected areas:		339556202	

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