

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091820\
 Data File : FF007623.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2020 19:53
 Sample : L4075-01 10X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090120.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.345	2.320	2.361	BH	476	2616	0.08%	0.001%
2	2.366	2.361	2.376	PH	-59	-1004	-0.03%	-0.000%
3	2.382	2.376	2.396	PH	-104	-1395	-0.04%	-0.001%
4	2.411	2.396	2.469	PH	-43	-7287	-0.23%	-0.003%
5	2.479	2.469	2.487	PH	-132	-2005	-0.06%	-0.001%
6	2.496	2.487	2.507	PH	-101	-2159	-0.07%	-0.001%
7	2.521	2.507	2.537	PH	-60	-2835	-0.09%	-0.001%
8	2.540	2.537	2.544	PH	-87	-601	-0.02%	-0.000%
9	2.556	2.544	2.564	PH	-116	-1929	-0.06%	-0.001%
10	2.576	2.564	2.586	PH	25	-1402	-0.04%	-0.001%
11	2.621	2.586	2.657	PH	375	-1291	-0.04%	-0.000%
12	2.675	2.657	2.688	PH	179	-775	-0.02%	-0.000%
13	2.698	2.688	2.724	PH	38	-2180	-0.07%	-0.001%
14	2.729	2.724	2.733	PH	-133	-981	-0.03%	-0.000%
15	2.740	2.733	2.764	PH	-126	-3706	-0.11%	-0.001%
16	2.768	2.764	2.774	PH	-111	-1162	-0.04%	-0.000%
17	2.779	2.774	2.789	PH	-172	-1874	-0.06%	-0.001%
18	2.809	2.789	2.821	PH	213	-966	-0.03%	-0.000%
19	2.827	2.821	2.863	PH	-84	-5035	-0.16%	-0.002%
20	2.866	2.863	2.872	PH	-202	-1505	-0.05%	-0.001%
21	2.898	2.872	2.935	PH	699	2883	0.09%	0.001%
22	2.938	2.935	2.959	PH	-160	-2911	-0.09%	-0.001%
23	2.970	2.959	2.990	PH	-87	-3890	-0.12%	-0.001%
24	2.996	2.990	3.017	PH	-140	-2964	-0.09%	-0.001%
25	3.028	3.017	3.047	PH	-142	-4983	-0.15%	-0.002%
26	3.076	3.047	3.110	PH	-84	-9465	-0.29%	-0.004%
27	3.126	3.110	3.182	PH	623	-7461	-0.23%	-0.003%
28	3.187	3.182	3.212	PH	-223	-5515	-0.17%	-0.002%
29	3.219	3.212	3.238	PH	-282	-5754	-0.18%	-0.002%
30	3.242	3.238	3.254	PH	-414	-4415	-0.14%	-0.002%
31	3.273	3.254	3.295	PH	-312	-9881	-0.31%	-0.004%
32	3.315	3.295	3.344	PH	-345	-13142	-0.41%	-0.005%
33	3.350	3.344	3.357	PH	-435	-3808	-0.12%	-0.001%
34	3.381	3.357	3.387	PH	255	-2010	-0.06%	-0.001%
35	3.388	3.387	3.454	HH	340	-18866	-0.59%	-0.007%
36	3.476	3.454	3.488	PH	-455	-11263	-0.35%	-0.004%

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37	3.502	3.488	3.522	PH	-449	-10401	-0.32%	-0.004%
38	3.527	3.522	3.548	PH	-412	-9031	-0.28%	-0.003%
39	3.573	3.548	3.630	PH	-408	-29174	-0.91%	-0.011%
40	3.646	3.630	3.677	PH	-421	-13480	-0.42%	-0.005%
41	3.682	3.677	3.709	PH	-410	-10718	-0.33%	-0.004%
42	3.711	3.709	3.727	PH	-592	-7399	-0.23%	-0.003%
43	3.751	3.727	3.775	PH	-354	-16604	-0.52%	-0.006%
44	3.787	3.775	3.805	PH	-473	-10446	-0.32%	-0.004%
45	3.826	3.805	3.841	PH	-392	-11955	-0.37%	-0.005%
46	3.846	3.841	3.849	PH	-575	-2757	-0.09%	-0.001%
47	3.853	3.849	3.862	PH	-537	-4973	-0.15%	-0.002%
48	3.874	3.862	3.887	PH	-300	-7053	-0.22%	-0.003%
49	3.895	3.887	3.911	PH	-565	-9332	-0.29%	-0.004%
50	3.923	3.911	3.939	PH	-374	-10100	-0.31%	-0.004%
51	3.963	3.939	4.018	PH	-251	-29611	-0.92%	-0.011%
52	4.050	4.018	4.070	PH	525	-8859	-0.27%	-0.003%
53	4.079	4.070	4.105	PH	-340	-10269	-0.32%	-0.004%
54	4.117	4.105	4.132	PH	-414	-7854	-0.24%	-0.003%
55	4.147	4.132	4.180	PH	-344	-16070	-0.50%	-0.006%
56	4.217	4.180	4.245	PH	1193	-3309	-0.10%	-0.001%
57	4.248	4.245	4.279	PH	-223	-7396	-0.23%	-0.003%
58	4.287	4.279	4.307	PH	-382	-7973	-0.25%	-0.003%
59	4.314	4.307	4.329	PH	-381	-6338	-0.20%	-0.002%
60	4.335	4.329	4.345	PH	-567	-5871	-0.18%	-0.002%
61	4.370	4.345	4.382	PH	-404	-11371	-0.35%	-0.004%
62	4.398	4.382	4.434	PH	-239	-12897	-0.40%	-0.005%
63	4.451	4.434	4.475	PH	123	-6542	-0.20%	-0.002%
64	4.498	4.475	4.515	PH	-67	-6914	-0.21%	-0.003%
65	4.524	4.515	4.537	PH	-246	-4565	-0.14%	-0.002%
66	4.546	4.537	4.553	PH	-384	-3765	-0.12%	-0.001%
67	4.557	4.553	4.574	PH	-359	-5926	-0.18%	-0.002%
68	4.604	4.574	4.622	PH	147	-9178	-0.28%	-0.003%
69	4.627	4.622	4.638	PH	-333	-3999	-0.12%	-0.002%
70	4.650	4.638	4.660	PH	-196	-4526	-0.14%	-0.002%
71	4.671	4.660	4.689	PH	-236	-5237	-0.16%	-0.002%
72	4.708	4.689	4.725	PH	58	-6653	-0.21%	-0.003%
73	4.740	4.725	4.780	PH	-346	-16164	-0.50%	-0.006%
74	4.789	4.780	4.815	PH	-456	-10479	-0.33%	-0.004%
75	4.832	4.815	4.850	PH	-263	-9228	-0.29%	-0.003%
76	4.868	4.850	4.897	PH	-88	-11136	-0.35%	-0.004%
77	4.929	4.897	4.954	PH	-141	-15210	-0.47%	-0.006%
78	4.964	4.954	4.970	PH	-529	-5792	-0.18%	-0.002%
79	4.985	4.970	4.996	PH	-418	-8273	-0.26%	-0.003%
80	5.004	4.996	5.008	PH	-404	-4010	-0.12%	-0.002%
81	5.016	5.008	5.034	PH	-509	-9054	-0.28%	-0.003%
82	5.060	5.034	5.069	PH	-530	-12861	-0.40%	-0.005%
83	5.073	5.069	5.075	PH	-541	-2069	-0.06%	-0.001%
84	5.098	5.075	5.129	PH	-327	-15682	-0.49%	-0.006%
85	5.152	5.129	5.165	PH	-317	-10459	-0.32%	-0.004%
86	5.174	5.165	5.190	PH	-195	-4519	-0.14%	-0.002%
87	5.198	5.190	5.217	PH	-285	-6688	-0.21%	-0.003%
88	5.224	5.217	5.240	PH	-439	-7754	-0.24%	-0.003%
89	5.249	5.240	5.260	PH	-555	-7288	-0.23%	-0.003%

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90	5.263	5.260	5.277	PH	-514	-6026	-0.19%	-0.002%
91	5.297	5.277	5.304	PH	-347	-7386	-0.23%	-0.003%
92	5.315	5.304	5.327	PH	-313	-5430	-0.17%	-0.002%
93	5.331	5.327	5.339	PH	-333	-3192	-0.10%	-0.001%
94	5.363	5.339	5.374	PH	-250	-8482	-0.26%	-0.003%
95	5.386	5.374	5.399	PH	-173	-4728	-0.15%	-0.002%
96	5.414	5.399	5.435	PH	-215	-7902	-0.25%	-0.003%
97	5.442	5.435	5.467	PH	-281	-7977	-0.25%	-0.003%
98	5.494	5.467	5.509	PH	268	-3570	-0.11%	-0.001%
99	5.523	5.509	5.548	PH	229	-3447	-0.11%	-0.001%
100	5.564	5.548	5.578	PH	-254	-6667	-0.21%	-0.003%
101	5.583	5.578	5.593	PH	-349	-3885	-0.12%	-0.001%
102	5.619	5.593	5.644	PH	-90	-10822	-0.34%	-0.004%
103	5.646	5.644	5.663	PH	-372	-4981	-0.15%	-0.002%
104	5.683	5.663	5.705	PH	700	888	0.03%	0.000%
105	5.710	5.705	5.722	PH	-295	-3741	-0.12%	-0.001%
106	5.738	5.722	5.754	PH	-126	-4823	-0.15%	-0.002%
107	5.756	5.754	5.759	PH	-196	-701	-0.02%	-0.000%
108	5.779	5.759	5.824	PH	389	-1610	-0.05%	-0.001%
109	5.840	5.824	5.855	PH	-118	-5627	-0.17%	-0.002%
110	5.880	5.855	5.881	PH	-124	-3875	-0.12%	-0.001%
111	5.901	5.881	5.928	PH	-4	-4226	-0.13%	-0.002%
112	5.948	5.928	5.978	PH	56	-4902	-0.15%	-0.002%
113	5.999	5.978	6.030	PH	252	723	0.02%	0.000%
114	6.051	6.030	6.082	PH	3202	30682	0.95%	0.012%
115	6.096	6.082	6.109	PH	297	2214	0.07%	0.001%
116	6.116	6.109	6.121	PH	-47	-568	-0.02%	-0.000%
117	6.149	6.121	6.167	PH	250	1550	0.05%	0.001%
118	6.179	6.167	6.207	PH	308	2743	0.09%	0.001%
119	6.237	6.207	6.255	PH	321	3486	0.11%	0.001%
120	6.269	6.255	6.273	PH	264	1433	0.04%	0.001%
121	6.289	6.273	6.304	HH	493	4685	0.15%	0.002%
122	6.322	6.304	6.342	HH	495	6516	0.20%	0.002%
123	6.360	6.342	6.377	HH	438	5497	0.17%	0.002%
124	6.411	6.377	6.425	HH	819	14550	0.45%	0.005%
125	6.437	6.425	6.447	HH	555	5527	0.17%	0.002%
126	6.476	6.447	6.489	HH	774	12945	0.40%	0.005%
127	6.497	6.489	6.514	HH	448	4524	0.14%	0.002%
128	6.516	6.514	6.524	HH	231	1017	0.03%	0.000%
129	6.540	6.524	6.565	HH	386	5540	0.17%	0.002%
130	6.577	6.565	6.586	PH	327	2599	0.08%	0.001%
131	6.595	6.586	6.605	HH	304	2596	0.08%	0.001%
132	6.627	6.605	6.646	HH	1131	16169	0.50%	0.006%
133	6.671	6.646	6.694	HH	872	16872	0.52%	0.006%
134	6.702	6.694	6.709	HH	321	2667	0.08%	0.001%
135	6.749	6.709	6.775	HH	933	18322	0.57%	0.007%
136	6.804	6.775	6.831	HH	1159	25892	0.80%	0.010%
137	6.868	6.831	6.905	HH	964	28628	0.89%	0.011%
138	6.948	6.905	6.965	HH	1209	24839	0.77%	0.009%
139	6.981	6.965	6.997	HH	2039	28386	0.88%	0.011%
140	7.003	6.997	7.021	HH	1504	16862	0.52%	0.006%
141	7.037	7.021	7.067	HH	1479	30862	0.96%	0.012%

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142	7.110	7.067	7.162	HH	3459	83863	2.60%	0.032%
143	7.180	7.162	7.195	HH	1714	26848	0.83%	0.010%
144	7.200	7.195	7.225	HH	1466	22598	0.70%	0.009%
145	7.242	7.225	7.263	HH	2963	44439	1.38%	0.017%
146	7.283	7.263	7.302	HH	2578	42950	1.33%	0.016%
147	7.309	7.302	7.323	HH	1552	19132	0.59%	0.007%
148	7.331	7.323	7.346	HH	1482	17978	0.56%	0.007%
149	7.370	7.346	7.386	HH	2190	38814	1.20%	0.015%
150	7.402	7.386	7.438	HH	2250	50654	1.57%	0.019%
151	7.456	7.438	7.476	HH	1677	32614	1.01%	0.012%
152	7.494	7.476	7.517	HH	1772	37017	1.15%	0.014%
153	7.523	7.517	7.551	HH	1425	27231	0.84%	0.010%
154	7.576	7.551	7.612	HH	2597	67944	2.11%	0.026%
155	7.614	7.612	7.619	HH	1472	5676	0.18%	0.002%
156	7.623	7.619	7.649	HH	1626	24253	0.75%	0.009%
157	7.664	7.649	7.677	HH	1584	24238	0.75%	0.009%
158	7.700	7.677	7.724	HH	2654	60355	1.87%	0.023%
159	7.742	7.724	7.771	HH	2805	58498	1.81%	0.022%
160	7.793	7.771	7.810	HH	2099	44873	1.39%	0.017%
161	7.839	7.810	7.872	HH	3180	88691	2.75%	0.033%
162	7.878	7.872	7.896	HH	2237	29645	0.92%	0.011%
163	7.921	7.896	7.937	HH	2123	47324	1.47%	0.018%
164	7.978	7.937	7.999	HH	3222	99334	3.08%	0.037%
165	8.017	7.999	8.035	HH	3037	61421	1.91%	0.023%
166	8.041	8.035	8.055	HH	2543	29069	0.90%	0.011%
167	8.062	8.055	8.070	HH	2402	21097	0.65%	0.008%
168	8.093	8.070	8.117	HH	4102	89458	2.78%	0.034%
169	8.133	8.117	8.165	HH	3366	88683	2.75%	0.033%
170	8.185	8.165	8.197	HH	4324	67926	2.11%	0.026%
171	8.209	8.197	8.222	HH	4166	56483	1.75%	0.021%
172	8.237	8.222	8.252	HH	4301	69389	2.15%	0.026%
173	8.272	8.252	8.300	HH	5020	112513	3.49%	0.042%
174	8.337	8.300	8.366	HH	8748	204820	6.35%	0.077%
175	8.390	8.366	8.411	HH	4710	109489	3.40%	0.041%
176	8.442	8.411	8.474	HH	5330	157304	4.88%	0.059%
177	8.493	8.474	8.513	HH	3925	83970	2.60%	0.032%
178	8.526	8.513	8.533	HH	3812	43774	1.36%	0.017%
179	8.559	8.533	8.585	HH	4543	129054	4.00%	0.049%
180	8.603	8.585	8.614	HH	3760	59486	1.85%	0.022%
181	8.634	8.614	8.647	HH	5299	88309	2.74%	0.033%
182	8.652	8.647	8.657	HH	4507	26733	0.83%	0.010%
183	8.688	8.657	8.715	HH	6698	171252	5.31%	0.065%
184	8.737	8.715	8.758	HH	6655	128208	3.98%	0.048%
185	8.809	8.758	8.832	HH	7816	246197	7.64%	0.093%
186	8.848	8.832	8.870	HH	4881	102697	3.19%	0.039%
187	8.890	8.870	8.907	HH	5312	106421	3.30%	0.040%
188	8.932	8.907	8.947	HH	6368	126973	3.94%	0.048%
189	8.962	8.947	8.978	HH	7067	116009	3.60%	0.044%
190	8.995	8.978	9.011	HH	6475	118131	3.66%	0.045%
191	9.039	9.011	9.064	HH	6921	188024	5.83%	0.071%
192	9.096	9.064	9.115	HH	6639	179389	5.56%	0.068%
193	9.133	9.115	9.165	HH	6120	167616	5.20%	0.063%
194	9.185	9.165	9.208	HH	5985	136517	4.23%	0.052%

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195	9.233	9.208	9.240	HH	5544	98431	3.05%	0.037%
196	9.253	9.240	9.275	HH	6124	114879	3.56%	0.043%
197	9.312	9.275	9.317	HH	5932	137003	4.25%	0.052%
198	9.333	9.317	9.349	HH	6450	112528	3.49%	0.042%
199	9.390	9.349	9.413	HH	7093	240810	7.47%	0.091%
200	9.428	9.413	9.448	HH	6449	125650	3.90%	0.047%
201	9.472	9.448	9.488	HH	10974	200488	6.22%	0.076%
202	9.495	9.488	9.524	HH	8277	155420	4.82%	0.059%
203	9.552	9.524	9.580	HH	8740	246470	7.65%	0.093%
204	9.592	9.580	9.610	HH	7089	122309	3.79%	0.046%
205	9.630	9.610	9.643	HH	7748	147855	4.59%	0.056%
206	9.654	9.643	9.684	HH	7858	171276	5.31%	0.065%
207	9.716	9.684	9.741	HH	7261	234982	7.29%	0.089%
208	9.756	9.741	9.769	HH	6761	110293	3.42%	0.042%
209	9.797	9.769	9.815	HH	9180	216501	6.72%	0.082%
210	9.841	9.815	9.865	HH	9021	258464	8.02%	0.098%
211	9.881	9.865	9.914	HH	9640	261759	8.12%	0.099%
212	9.918	9.914	9.924	HH	8636	54051	1.68%	0.020%
213	9.936	9.924	9.954	HH	9025	149896	4.65%	0.057%
214	9.983	9.954	10.015	HH	8983	306486	9.51%	0.116%
215	10.055	10.015	10.084	HH	9260	337613	10.47%	0.127%
216	10.099	10.084	10.103	HH	8501	97898	3.04%	0.037%
217	10.115	10.103	10.136	HH	8644	165593	5.14%	0.062%
218	10.154	10.136	10.179	HH	9455	215876	6.70%	0.081%
219	10.221	10.179	10.239	HH	9694	327601	10.16%	0.124%
220	10.266	10.239	10.292	HH	13493	348661	10.82%	0.132%
221	10.330	10.292	10.338	HH	11249	281541	8.73%	0.106%
222	10.353	10.338	10.381	HH	11886	282268	8.76%	0.107%
223	10.400	10.381	10.409	HH	11546	176678	5.48%	0.067%
224	10.416	10.409	10.440	HH	11481	197307	6.12%	0.074%
225	10.473	10.440	10.479	HH	10962	234568	7.28%	0.089%
226	10.484	10.479	10.499	HH	10845	131054	4.07%	0.049%
227	10.536	10.499	10.542	HH	12180	291512	9.04%	0.110%
228	10.545	10.542	10.580	HH	12238	260475	8.08%	0.098%
229	10.618	10.580	10.633	HH	13775	387591	12.02%	0.146%
230	10.643	10.633	10.662	HH	13115	217180	6.74%	0.082%
231	10.688	10.662	10.722	HH	16915	504320	15.64%	0.190%
232	10.729	10.722	10.770	HH	12663	353189	10.96%	0.133%
233	10.782	10.770	10.792	HH	12022	149327	4.63%	0.056%
234	10.824	10.792	10.830	HH	12581	280180	8.69%	0.106%
235	10.835	10.830	10.850	HH	12612	149438	4.64%	0.056%
236	10.880	10.850	10.928	HH	18608	656096	20.35%	0.248%
237	10.953	10.928	10.992	HH	15576	512850	15.91%	0.194%
238	11.011	10.992	11.055	HH	14397	498205	15.46%	0.188%
239	11.069	11.055	11.080	HH	12715	190910	5.92%	0.072%
240	11.100	11.080	11.117	HH	13679	288856	8.96%	0.109%
241	11.154	11.117	11.162	HH	13721	357291	11.08%	0.135%
242	11.187	11.162	11.207	HH	15078	385103	11.95%	0.145%
243	11.234	11.207	11.242	HH	14639	293941	9.12%	0.111%
244	11.278	11.242	11.294	HH	15395	459120	14.24%	0.173%
245	11.320	11.294	11.336	HH	15992	381800	11.84%	0.144%
246	11.350	11.336	11.360	HH	14973	208566	6.47%	0.079%

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247	11.374	11.360	11.384	HH	14916	215374	6.68%	0.081%
248	11.411	11.384	11.446	HH	20136	625188	19.39%	0.236%
249	11.478	11.446	11.500	HH	16471	484146	15.02%	0.183%
250	11.530	11.500	11.553	HH	15349	474428	14.72%	0.179%
251	11.571	11.553	11.589	HH	16044	329242	10.21%	0.124%
252	11.621	11.589	11.655	HH	16354	628757	19.50%	0.237%
253	11.692	11.655	11.700	HH	16477	416612	12.92%	0.157%
254	11.716	11.700	11.745	HH	17441	446791	13.86%	0.169%
255	11.798	11.745	11.816	HH	18708	712491	22.10%	0.269%
256	11.833	11.816	11.852	HH	19516	388727	12.06%	0.147%
257	11.872	11.852	11.913	HH	19549	649308	20.14%	0.245%
258	11.976	11.913	12.036	HH	20765	1347657	41.81%	0.509%
259	12.068	12.036	12.086	HH	17857	524536	16.27%	0.198%
260	12.097	12.086	12.108	HH	17909	230103	7.14%	0.087%
261	12.126	12.108	12.139	HH	19306	351676	10.91%	0.133%
262	12.149	12.139	12.167	HH	18663	300783	9.33%	0.113%
263	12.188	12.167	12.202	HH	18726	379604	11.78%	0.143%
264	12.215	12.202	12.230	HH	18869	316669	9.82%	0.119%
265	12.244	12.230	12.283	HH	21865	624245	19.37%	0.236%
266	12.296	12.283	12.320	HH	19006	415505	12.89%	0.157%
267	12.336	12.320	12.344	HH	18644	258395	8.02%	0.097%
268	12.363	12.344	12.368	HH	19236	269550	8.36%	0.102%
269	12.372	12.368	12.382	HH	19221	163341	5.07%	0.062%
270	12.386	12.382	12.396	HH	18996	159963	4.96%	0.060%
271	12.425	12.396	12.447	HH	19815	584049	18.12%	0.220%
272	12.495	12.447	12.530	HH	20970	988751	30.67%	0.373%
273	12.556	12.530	12.567	HH	21543	445429	13.82%	0.168%
274	12.586	12.567	12.620	HH	23249	696517	21.61%	0.263%
275	12.640	12.620	12.678	HH	22297	715372	22.19%	0.270%
276	12.703	12.678	12.742	HH	32072	912485	28.31%	0.344%
277	12.753	12.742	12.764	HH	21391	276608	8.58%	0.104%
278	12.773	12.764	12.792	HH	20904	343912	10.67%	0.130%
279	12.834	12.792	12.845	HH	20801	649580	20.15%	0.245%
280	12.857	12.845	12.874	HH	20658	354292	10.99%	0.134%
281	12.919	12.874	12.935	HH	21030	752536	23.34%	0.284%
282	12.956	12.935	12.976	HH	21768	512700	15.90%	0.193%
283	13.003	12.976	13.041	HH	31663	929501	28.83%	0.351%
284	13.060	13.041	13.075	HH	22456	443077	13.74%	0.167%
285	13.094	13.075	13.113	HH	23815	522419	16.21%	0.197%
286	13.130	13.113	13.160	HH	24034	654001	20.29%	0.247%
287	13.185	13.160	13.204	HH	23916	596092	18.49%	0.225%
288	13.217	13.204	13.237	HH	22757	437473	13.57%	0.165%
289	13.252	13.237	13.257	HH	22244	264469	8.20%	0.100%
290	13.276	13.257	13.284	HH	23158	366086	11.36%	0.138%
291	13.288	13.284	13.321	HH	23377	502801	15.60%	0.190%
292	13.341	13.321	13.378	HH	23634	779211	24.17%	0.294%
293	13.396	13.378	13.408	HH	22631	405357	12.57%	0.153%
294	13.426	13.408	13.446	HH	23641	520371	16.14%	0.196%
295	13.472	13.446	13.495	HH	24664	680892	21.12%	0.257%
296	13.502	13.495	13.508	HH	22846	171089	5.31%	0.065%
297	13.517	13.508	13.542	HH	23249	469994	14.58%	0.177%
298	13.572	13.542	13.577	HH	24295	489659	15.19%	0.185%
299	13.591	13.577	13.613	HH	25683	524528	16.27%	0.198%

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300	13.634	13.613	13.641	HH	23450	389861	12.09%	0.147%
301	13.662	13.641	13.674	HH	24296	478180	14.83%	0.180%
302	13.698	13.674	13.720	HH	25546	662925	20.56%	0.250%
303	13.750	13.720	13.780	HH	25463	885061	27.46%	0.334%
304	13.786	13.780	13.805	HH	24300	363225	11.27%	0.137%
305	13.825	13.805	13.847	HH	24700	600642	18.63%	0.227%
306	13.854	13.847	13.860	HH	24260	188633	5.85%	0.071%
307	13.866	13.860	13.872	HH	24249	167990	5.21%	0.063%
308	13.882	13.872	13.888	HH	24135	224924	6.98%	0.085%
309	13.890	13.888	13.894	HH	23761	93667	2.91%	0.035%
310	13.906	13.894	13.911	HH	24336	238076	7.39%	0.090%
311	13.914	13.911	13.940	HH	24233	417004	12.94%	0.157%
312	13.981	13.940	13.998	HH	24289	810387	25.14%	0.306%
313	14.003	13.998	14.019	HH	23308	299034	9.28%	0.113%
314	14.068	14.019	14.096	HH	25143	1099485	34.11%	0.415%
315	14.137	14.096	14.145	HH	24897	690645	21.42%	0.261%
316	14.151	14.145	14.185	HH	24523	579910	17.99%	0.219%
317	14.228	14.185	14.250	HH	25138	945738	29.34%	0.357%
318	14.258	14.250	14.264	HH	23915	191287	5.93%	0.072%
319	14.270	14.264	14.275	HH	23643	155921	4.84%	0.059%
320	14.304	14.275	14.317	HH	25244	623823	19.35%	0.235%
321	14.334	14.317	14.340	HH	24661	337778	10.48%	0.127%
322	14.346	14.340	14.374	HH	24552	484013	15.01%	0.183%
323	14.400	14.374	14.418	HH	25005	641852	19.91%	0.242%
324	14.425	14.418	14.428	HH	23969	141195	4.38%	0.053%
325	14.433	14.428	14.439	HH	24171	158704	4.92%	0.060%
326	14.465	14.439	14.483	HH	25428	641884	19.91%	0.242%
327	14.503	14.483	14.510	HH	25235	408794	12.68%	0.154%
328	14.527	14.510	14.552	HH	25430	616116	19.11%	0.232%
329	14.575	14.552	14.610	HH	24808	835215	25.91%	0.315%
330	14.629	14.610	14.642	HH	23820	442692	13.73%	0.167%
331	14.662	14.642	14.669	HH	24518	384190	11.92%	0.145%
332	14.673	14.669	14.680	HH	24420	171359	5.32%	0.065%
333	14.691	14.680	14.712	HH	24191	448946	13.93%	0.169%
334	14.737	14.712	14.765	HH	42535	996314	30.91%	0.376%
335	14.784	14.765	14.815	HH	24424	713820	22.14%	0.269%
336	14.840	14.815	14.857	HH	24892	598704	18.57%	0.226%
337	14.887	14.857	14.908	HH	26995	763903	23.70%	0.288%
338	14.928	14.908	14.960	HH	28820	806578	25.02%	0.304%
339	14.972	14.960	14.985	HH	23972	345525	10.72%	0.130%
340	15.000	14.985	15.021	HH	23868	511726	15.87%	0.193%
341	15.048	15.021	15.057	HH	23669	503815	15.63%	0.190%
342	15.062	15.057	15.067	HH	23394	134850	4.18%	0.051%
343	15.080	15.067	15.111	HH	24573	621777	19.29%	0.235%
344	15.117	15.111	15.126	HH	22850	213130	6.61%	0.080%
345	15.138	15.126	15.155	HH	23121	389734	12.09%	0.147%
346	15.197	15.155	15.220	HH	24380	916547	28.43%	0.346%
347	15.225	15.220	15.248	HH	23457	389174	12.07%	0.147%
348	15.271	15.248	15.294	HH	23952	634747	19.69%	0.240%
349	15.323	15.294	15.362	HH	31854	1077114	33.41%	0.406%
350	15.366	15.362	15.383	HH	23899	294516	9.14%	0.111%
351	15.389	15.383	15.402	HH	23772	264272	8.20%	0.100%

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352	15.415	15.402	15.431	HH	23034	405436	12.58%	0.153%
353	15.465	15.431	15.485	HH	24287	764522	23.72%	0.288%
354	15.490	15.485	15.515	HH	23959	420454	13.04%	0.159%
355	15.540	15.515	15.549	HH	24299	497053	15.42%	0.188%
356	15.562	15.549	15.585	HH	24195	495408	15.37%	0.187%
357	15.601	15.585	15.623	HH	23626	535805	16.62%	0.202%
358	15.642	15.623	15.649	HH	22687	339018	10.52%	0.128%
359	15.657	15.649	15.670	HH	22705	288927	8.96%	0.109%
360	15.696	15.670	15.703	HH	23227	460464	14.28%	0.174%
361	15.725	15.703	15.754	HH	24433	710058	22.03%	0.268%
362	15.773	15.754	15.817	HH	24135	889902	27.61%	0.336%
363	15.839	15.817	15.843	HH	23028	357453	11.09%	0.135%
364	15.850	15.843	15.867	HH	23335	334604	10.38%	0.126%
365	15.878	15.867	15.899	HH	23089	440346	13.66%	0.166%
366	15.923	15.899	15.942	HH	23347	591329	18.34%	0.223%
367	15.963	15.942	15.982	HH	23999	554411	17.20%	0.209%
368	15.996	15.982	16.035	HH	24330	755628	23.44%	0.285%
369	16.048	16.035	16.066	HH	23175	417558	12.95%	0.158%
370	16.075	16.066	16.092	HH	23041	360626	11.19%	0.136%
371	16.112	16.092	16.125	HH	23273	449191	13.93%	0.169%
372	16.161	16.125	16.191	HH	26603	984354	30.54%	0.371%
373	16.198	16.191	16.213	HH	24464	312862	9.71%	0.118%
374	16.226	16.213	16.232	HH	24217	266010	8.25%	0.100%
375	16.238	16.232	16.240	HH	24174	120135	3.73%	0.045%
376	16.266	16.240	16.291	HH	26319	777391	24.12%	0.293%
377	16.303	16.291	16.314	HH	24605	329507	10.22%	0.124%
378	16.340	16.314	16.383	HH	27322	1064552	33.02%	0.402%
379	16.451	16.383	16.512	HH	31170	2002143	62.11%	0.755%
380	16.552	16.512	16.557	HH	25531	668634	20.74%	0.252%
381	16.581	16.557	16.587	HH	27132	477260	14.81%	0.180%
382	16.596	16.587	16.612	HH	27202	402551	12.49%	0.152%
383	16.619	16.612	16.636	HH	26687	381385	11.83%	0.144%
384	16.657	16.636	16.669	HH	26658	512868	15.91%	0.194%
385	16.676	16.669	16.698	HH	26738	462554	14.35%	0.175%
386	16.707	16.698	16.714	HH	26405	245848	7.63%	0.093%
387	16.775	16.714	16.813	HH	31034	1674074	51.93%	0.632%
388	16.832	16.813	16.851	HH	29007	617073	19.14%	0.233%
389	16.861	16.851	16.875	HH	27254	391966	12.16%	0.148%
390	16.918	16.875	16.930	HH	30832	952224	29.54%	0.359%
391	16.945	16.930	16.971	HH	31963	745031	23.11%	0.281%
392	16.979	16.971	16.997	HH	29230	450493	13.97%	0.170%
393	17.021	16.997	17.035	HH	29282	661814	20.53%	0.250%
394	17.044	17.035	17.048	HH	28938	215938	6.70%	0.081%
395	17.052	17.048	17.056	HH	29118	136292	4.23%	0.051%
396	17.062	17.056	17.078	HH	29206	375070	11.64%	0.142%
397	17.094	17.078	17.100	HH	29731	389471	12.08%	0.147%
398	17.144	17.100	17.148	HH	31858	882228	27.37%	0.333%
399	17.160	17.148	17.201	HH	32455	993957	30.83%	0.375%
400	17.242	17.201	17.263	HH	32175	1138668	35.32%	0.430%
401	17.267	17.263	17.282	HH	31252	356962	11.07%	0.135%
402	17.289	17.282	17.299	HH	31109	310824	9.64%	0.117%
403	17.321	17.299	17.329	HH	31568	561712	17.43%	0.212%
404	17.350	17.329	17.361	HH	33515	625977	19.42%	0.236%

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405	17.365	17.361	17.387	HH	33298	508793	15.78%	0.192%
406	17.410	17.387	17.431	HH	32855	837773	25.99%	0.316%
407	17.448	17.431	17.464	HH	33523	638626	19.81%	0.241%
408	17.499	17.464	17.524	HH	34231	1185280	36.77%	0.447%
409	17.541	17.524	17.564	HH	32638	767594	23.81%	0.290%
410	17.584	17.564	17.608	HH	33614	862261	26.75%	0.325%
411	17.622	17.608	17.635	HH	32508	532474	16.52%	0.201%
412	17.666	17.635	17.691	HH	33653	1123137	34.84%	0.424%
413	17.712	17.691	17.737	HH	35133	947064	29.38%	0.357%
414	17.765	17.737	17.774	HH	35593	769074	23.86%	0.290%
415	17.809	17.774	17.837	HH	40571	1423690	44.17%	0.537%
416	17.863	17.837	17.879	HH	36423	887693	27.54%	0.335%
417	17.884	17.879	17.888	HH	35704	192144	5.96%	0.073%
418	17.896	17.888	17.913	HH	36133	549208	17.04%	0.207%
419	17.965	17.913	17.984	HH	42244	1633294	50.67%	0.616%
420	17.988	17.984	18.040	HH	40363	1270204	39.40%	0.479%
421	18.057	18.040	18.064	HH	37561	536017	16.63%	0.202%
422	18.067	18.064	18.079	HH	37537	335229	10.40%	0.126%
423	18.086	18.079	18.093	HH	37402	325526	10.10%	0.123%
424	18.113	18.093	18.123	HH	39045	675663	20.96%	0.255%
425	18.143	18.123	18.147	HH	39424	575651	17.86%	0.217%
426	18.169	18.147	18.189	HH	43841	1046469	32.46%	0.395%
427	18.194	18.189	18.199	HH	40230	231919	7.19%	0.088%
428	18.203	18.199	18.210	HH	40453	283332	8.79%	0.107%
429	18.234	18.210	18.263	HH	41694	1275760	39.58%	0.481%
430	18.333	18.263	18.354	HH	49214	2295558	71.21%	0.866%
431	18.363	18.354	18.389	HH	40805	837298	25.97%	0.316%
432	18.394	18.389	18.404	HH	40322	375435	11.65%	0.142%
433	18.423	18.404	18.434	HH	40404	705417	21.88%	0.266%
434	18.465	18.434	18.507	HH	43282	1854501	57.53%	0.700%
435	18.511	18.507	18.517	HH	42238	252521	7.83%	0.095%
436	18.526	18.517	18.537	HH	42861	516416	16.02%	0.195%
437	18.544	18.537	18.554	HH	43183	423644	13.14%	0.160%
438	18.562	18.554	18.576	HH	42466	568323	17.63%	0.214%
439	18.636	18.576	18.679	HH	47574	2734765	84.84%	1.032%
440	18.753	18.679	18.780	HH	48994	2790566	86.57%	1.053%
441	18.803	18.780	18.825	HH	49397	1275466	39.57%	0.481%
442	18.831	18.825	18.857	HH	47730	916879	28.44%	0.346%
443	18.863	18.857	18.868	HH	46766	312196	9.68%	0.118%
444	18.918	18.868	18.932	HH	49377	1854913	57.54%	0.700%
445	18.942	18.932	18.954	HH	49393	631087	19.58%	0.238%
446	18.974	18.954	18.980	HH	49841	784959	24.35%	0.296%
447	19.002	18.980	19.025	HH	53227	1394101	43.25%	0.526%
448	19.043	19.025	19.071	HH	54943	1463896	45.41%	0.552%
449	19.087	19.071	19.103	HH	54752	1046413	32.46%	0.395%
450	19.112	19.103	19.132	HH	52758	888668	27.57%	0.335%
451	19.150	19.132	19.160	HH	54047	894919	27.76%	0.338%
452	19.165	19.160	19.182	HH	53244	705630	21.89%	0.266%
453	19.211	19.182	19.217	HH	53408	1110613	34.45%	0.419%
454	19.242	19.217	19.260	HH	54842	1392717	43.20%	0.526%
455	19.266	19.260	19.278	HH	53991	568766	17.64%	0.215%
456	19.294	19.278	19.299	HH	55329	686813	21.31%	0.259%

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457	19.302	19.299	19.307	HH	55279	262926	8.16%	0.099%
458	19.313	19.307	19.317	HH	55647	334445	10.38%	0.126%
459	19.342	19.317	19.348	HH	56213	1034176	32.08%	0.390%
460	19.360	19.348	19.382	HH	57115	1144471	35.50%	0.432%
461	19.430	19.382	19.441	HH	61028	2048687	63.55%	0.773%
462	19.457	19.441	19.494	HH	62770	1936725	60.08%	0.731%
463	19.510	19.494	19.515	HH	59084	767332	23.80%	0.290%
464	19.521	19.515	19.525	HH	59186	349364	10.84%	0.132%
465	19.565	19.525	19.587	HH	61766	2261185	70.15%	0.853%
466	19.640	19.587	19.654	HH	63374	2469883	76.62%	0.932%
467	19.664	19.654	19.680	HH	63180	974253	30.22%	0.368%
468	19.705	19.680	19.718	HH	66138	1477515	45.83%	0.558%
469	19.727	19.718	19.745	HH	66196	1054852	32.72%	0.398%
470	19.750	19.745	19.759	HH	65231	540699	16.77%	0.204%
471	19.764	19.759	19.767	HH	65296	336310	10.43%	0.127%
472	19.799	19.767	19.805	HH	69515	1522281	47.22%	0.574%
473	19.812	19.805	19.820	HH	69283	619785	19.23%	0.234%
474	19.858	19.820	19.892	HH	72040	3033120	94.09%	1.144%
475	19.895	19.892	19.904	HH	68287	487326	15.12%	0.184%
476	19.909	19.904	19.914	HH	67764	401140	12.44%	0.151%
477	19.943	19.914	19.951	HH	70850	1531921	47.52%	0.578%
478	19.959	19.951	19.964	HH	71187	541539	16.80%	0.204%
479	19.985	19.964	20.000	HH	71782	1576481	48.90%	0.595%
480	20.034	20.000	20.047	HH	73383	2020125	62.67%	0.762%
481	20.055	20.047	20.063	HH	73839	723837	22.45%	0.273%
482	20.083	20.063	20.096	HH	74918	1459749	45.28%	0.551%
483	20.127	20.096	20.141	HH	76648	2027688	62.90%	0.765%
484	20.147	20.141	20.156	HH	76063	693232	21.51%	0.262%
485	20.180	20.156	20.194	HH	76356	1746818	54.19%	0.659%
486	20.211	20.194	20.217	HH	76871	1039782	32.26%	0.392%
487	20.219	20.217	20.229	HH	76864	551277	17.10%	0.208%
488	20.245	20.229	20.258	HH	78016	1353275	41.98%	0.511%
489	20.275	20.258	20.281	HH	79009	1069833	33.19%	0.404%
490	20.293	20.281	20.303	HH	79206	1023749	31.76%	0.386%
491	20.308	20.303	20.310	HH	79296	341309	10.59%	0.129%
492	20.349	20.310	20.374	HH	83755	3149150	97.69%	1.188%
493	20.384	20.374	20.401	HH	82762	1356477	42.08%	0.512%
494	20.406	20.401	20.419	HH	82152	868046	26.93%	0.328%
495	20.424	20.419	20.433	HH	82121	677290	21.01%	0.256%
496	20.438	20.433	20.481	HH	81507	2338737	72.55%	0.882%
497	20.492	20.481	20.499	HH	79512	839356	26.04%	0.317%
498	20.502	20.499	20.506	HH	79699	364308	11.30%	0.137%
499	20.527	20.506	20.536	HH	81870	1430916	44.39%	0.540%
500	20.541	20.536	20.547	HH	81626	537748	16.68%	0.203%
501	20.551	20.547	20.578	HH	81754	1490676	46.24%	0.562%
502	20.585	20.578	20.600	HH	80353	1092998	33.91%	0.412%
503	20.616	20.600	20.632	HH	80849	1523508	47.26%	0.575%
504	20.648	20.632	20.653	HH	81039	991183	30.75%	0.374%
505	20.667	20.653	20.694	HH	81255	1981471	61.47%	0.748%
506	20.701	20.694	20.715	HH	79979	1027807	31.88%	0.388%
507	20.731	20.715	20.739	HH	79883	1110033	34.43%	0.419%
508	20.766	20.739	20.784	HH	81493	2202464	68.32%	0.831%
509	20.791	20.784	20.821	HH	81538	1775728	55.09%	0.670%

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510	20.831	20.821	20.848	HH	81153	1344232	41.70%	0.507%
511	20.853	20.848	20.858	HH	80674	478759	14.85%	0.181%
512	20.864	20.858	20.870	HH	80755	548360	17.01%	0.207%
513	20.876	20.870	20.913	HH	80891	2068736	64.18%	0.781%
514	20.918	20.913	20.958	HH	78863	2135409	66.24%	0.806%
515	20.967	20.958	20.991	HH	76794	1479005	45.88%	0.558%
516	20.998	20.991	21.003	HH	76193	557306	17.29%	0.210%
517	21.011	21.003	21.021	HH	76664	816190	25.32%	0.308%
518	21.032	21.021	21.048	HH	76816	1231382	38.20%	0.465%
519	21.059	21.048	21.088	HH	76468	1858274	57.65%	0.701%
520	21.105	21.088	21.116	HH	76569	1247188	38.69%	0.471%
521	21.120	21.116	21.127	HH	76242	528922	16.41%	0.200%
522	21.143	21.127	21.165	HH	76714	1747381	54.21%	0.659%
523	21.169	21.165	21.192	HH	76007	1192106	36.98%	0.450%
524	21.197	21.192	21.201	HH	75397	425817	13.21%	0.161%
525	21.222	21.201	21.247	HH	75878	2066215	64.10%	0.780%
526	21.252	21.247	21.315	HH	75279	3023478	93.79%	1.141%
527	21.319	21.315	21.324	HH	72399	367991	11.42%	0.139%
528	21.377	21.324	21.397	HH	74567	3223567	100.00%	1.216%
529	21.414	21.397	21.433	HH	73877	1564513	48.53%	0.590%
530	21.437	21.433	21.443	HH	73202	476234	14.77%	0.180%
531	21.449	21.443	21.461	HH	73163	791261	24.55%	0.299%
532	21.466	21.461	21.474	HH	72997	535775	16.62%	0.202%
533	21.486	21.474	21.530	HH	73453	2485206	77.09%	0.938%
534	21.535	21.530	21.542	HH	72838	494725	15.35%	0.187%
535	21.555	21.542	21.564	HH	73108	959972	29.78%	0.362%
536	21.575	21.564	21.594	HH	73053	1308905	40.60%	0.494%
537	21.599	21.594	21.666	HH	72997	3096158	96.05%	1.168%
538	21.671	21.666	21.704	HH	70585	1608064	49.88%	0.607%
539	21.709	21.704	21.717	HH	69986	553203	17.16%	0.209%
540	21.725	21.717	21.732	HH	70049	635385	19.71%	0.240%
541	21.768	21.732	21.775	HH	71200	1835147	56.93%	0.692%
542	21.782	21.775	21.792	HH	71155	702243	21.78%	0.265%
543	21.822	21.792	21.830	HH	71389	1608346	49.89%	0.607%
544	21.837	21.830	21.842	HH	71441	509002	15.79%	0.192%
545	21.882	21.842	21.894	HH	72300	2245679	69.66%	0.847%
546	21.899	21.894	21.917	HH	71703	1010346	31.34%	0.381%
547	21.926	21.917	21.960	HHA	70910	1859362	57.68%	0.702%
					Sum of corrected areas:		265023005	

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