

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121420\
 Data File : FF007991.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2020 21:44
 Sample : L5066-03 5X
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120220.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.326	2.300	2.356	BH	221	-2546	-0.06%	-0.001%
2	2.379	2.356	2.390	PH	-206	-4914	-0.12%	-0.003%
3	2.394	2.390	2.415	PH	-277	-4553	-0.11%	-0.002%
4	2.432	2.415	2.445	PH	-255	-6403	-0.16%	-0.003%
5	2.471	2.445	2.477	PH	-346	-7431	-0.19%	-0.004%
6	2.481	2.477	2.500	PH	-383	-5622	-0.14%	-0.003%
7	2.512	2.500	2.534	PH	-329	-8338	-0.21%	-0.005%
8	2.537	2.534	2.543	PH	-444	-2478	-0.06%	-0.001%
9	2.554	2.543	2.576	PH	-292	-8672	-0.22%	-0.005%
10	2.593	2.576	2.646	PH	816	-23884	-0.60%	-0.013%
11	2.654	2.646	2.671	PH	-923	-16208	-0.41%	-0.009%
12	2.683	2.671	2.700	PH	-924	-19018	-0.48%	-0.010%
13	2.705	2.700	2.732	PH	-1137	-22488	-0.57%	-0.012%
14	2.738	2.732	2.767	PH	-1170	-25365	-0.64%	-0.014%
15	2.789	2.767	2.839	PH	1482	-23978	-0.60%	-0.013%
16	2.844	2.839	2.862	PH	-1163	-16460	-0.41%	-0.009%
17	2.888	2.862	2.940	PH	1936	-7537	-0.19%	-0.004%
18	2.944	2.940	2.963	PH	-981	-15164	-0.38%	-0.008%
19	2.976	2.963	3.024	PH	-727	-39036	-0.98%	-0.021%
20	3.038	3.024	3.045	PH	-1002	-13760	-0.35%	-0.007%
21	3.057	3.045	3.084	PH	-609	-22828	-0.58%	-0.012%
22	3.105	3.084	3.135	PH	33	-27504	-0.69%	-0.015%
23	3.141	3.135	3.144	PH	-1354	-7868	-0.20%	-0.004%
24	3.148	3.144	3.153	PH	-1332	-7199	-0.18%	-0.004%
25	3.175	3.153	3.188	PH	-632	-22135	-0.56%	-0.012%
26	3.197	3.188	3.217	PH	-884	-21469	-0.54%	-0.012%
27	3.255	3.217	3.279	PH	-1417	-56961	-1.44%	-0.031%
28	3.294	3.279	3.312	PH	-1481	-30958	-0.78%	-0.017%
29	3.327	3.312	3.335	PH	-1510	-21558	-0.54%	-0.012%
30	3.353	3.335	3.364	PH	-865	-21387	-0.54%	-0.012%
31	3.371	3.364	3.391	PH	-919	-21686	-0.55%	-0.012%
32	3.400	3.391	3.430	PH	-1556	-40229	-1.01%	-0.022%
33	3.455	3.430	3.472	PH	4947	13138	0.33%	0.007%
34	3.479	3.472	3.494	PH	-776	-15345	-0.39%	-0.008%
35	3.503	3.494	3.524	PH	-1344	-28235	-0.71%	-0.015%
36	3.545	3.524	3.579	PH	-1506	-56426	-1.42%	-0.031%

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37	3.596	3.579	3.605	PH	-1731	-28825	-0.73%	-0.016%
38	3.621	3.605	3.653	PH	-655	-39920	-1.01%	-0.022%
39	3.669	3.653	3.700	PH	-1634	-49522	-1.25%	-0.027%
40	3.728	3.700	3.748	PH	-1064	-43579	-1.10%	-0.024%
41	3.768	3.748	3.793	PH	6025	29228	0.74%	0.016%
42	3.800	3.793	3.814	PH	-962	-16028	-0.40%	-0.009%
43	3.821	3.814	3.832	PH	-1579	-17707	-0.45%	-0.010%
44	3.852	3.832	3.863	PH	147	-15387	-0.39%	-0.008%
45	3.873	3.863	3.889	PH	-57	-10679	-0.27%	-0.006%
46	3.897	3.889	3.917	PH	-1260	-26828	-0.68%	-0.015%
47	3.938	3.917	3.970	PH	336	-34808	-0.88%	-0.019%
48	3.973	3.970	3.990	PH	-1577	-20589	-0.52%	-0.011%
49	4.034	3.990	4.079	PH	2736	-6835	-0.17%	-0.004%
50	4.084	4.079	4.107	PH	-612	-14546	-0.37%	-0.008%
51	4.120	4.107	4.155	PH	-621	-33095	-0.83%	-0.018%
52	4.193	4.155	4.219	PH	6722	30335	0.76%	0.017%
53	4.229	4.219	4.260	PH	-463	-20312	-0.51%	-0.011%
54	4.269	4.260	4.313	PH	-946	-39306	-0.99%	-0.021%
55	4.358	4.313	4.367	PH	-460	-31923	-0.80%	-0.017%
56	4.383	4.367	4.404	PH	947	-5244	-0.13%	-0.003%
57	4.426	4.404	4.455	PH	515	-20058	-0.51%	-0.011%
58	4.473	4.455	4.488	PH	948	-6315	-0.16%	-0.003%
59	4.500	4.488	4.518	PH	-639	-17589	-0.44%	-0.010%
60	4.533	4.518	4.560	PH	-324	-27923	-0.70%	-0.015%
61	4.579	4.560	4.612	PH	4328	16382	0.41%	0.009%
62	4.627	4.612	4.640	PH	-350	-12281	-0.31%	-0.007%
63	4.654	4.640	4.662	PH	-588	-9460	-0.24%	-0.005%
64	4.680	4.662	4.697	PH	2167	4263	0.11%	0.002%
65	4.711	4.697	4.722	PH	-554	-14567	-0.37%	-0.008%
66	4.736	4.722	4.748	PH	-736	-16020	-0.40%	-0.009%
67	4.758	4.748	4.769	PH	-986	-14692	-0.37%	-0.008%
68	4.783	4.769	4.795	PH	363	-6920	-0.17%	-0.004%
69	4.805	4.795	4.821	PH	-118	-9137	-0.23%	-0.005%
70	4.844	4.821	4.871	PH	1323	-1704	-0.04%	-0.001%
71	4.900	4.871	4.932	PH	881	-25678	-0.65%	-0.014%
72	4.962	4.932	4.974	PH	-540	-28371	-0.71%	-0.015%
73	4.978	4.974	5.008	PH	-1044	-27733	-0.70%	-0.015%
74	5.037	5.008	5.050	PH	467	-22438	-0.57%	-0.012%
75	5.071	5.050	5.095	PH	2332	13689	0.34%	0.007%
76	5.107	5.095	5.135	PH	900	-451	-0.01%	-0.000%
77	5.150	5.135	5.160	PH	2868	17594	0.44%	0.010%
78	5.169	5.160	5.191	HH	2189	11585	0.29%	0.006%
79	5.201	5.191	5.217	PH	-638	-15425	-0.39%	-0.008%
80	5.235	5.217	5.248	PH	-1035	-22243	-0.56%	-0.012%
81	5.267	5.248	5.280	PH	-80	-12962	-0.33%	-0.007%
82	5.288	5.280	5.300	PH	-761	-10914	-0.28%	-0.006%
83	5.338	5.300	5.347	PH	213	-12020	-0.30%	-0.007%
84	5.358	5.347	5.374	PH	925	804	0.02%	0.000%
85	5.389	5.374	5.408	PH	-532	-16472	-0.42%	-0.009%
86	5.418	5.408	5.444	PH	-856	-24516	-0.62%	-0.013%
87	5.470	5.444	5.487	PH	3870	27728	0.70%	0.015%
88	5.503	5.487	5.522	HH	1135	6416	0.16%	0.003%
89	5.536	5.522	5.548	PH	275	-3884	-0.10%	-0.002%

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90	5.557	5.548	5.575	PH	-236	-10202	-0.26%	-0.006%
91	5.622	5.575	5.632	PH	42	-14894	-0.38%	-0.008%
92	5.655	5.632	5.676	PH	5095	54361	1.37%	0.030%
93	5.683	5.676	5.691	PH	24	-1150	-0.03%	-0.001%
94	5.713	5.691	5.731	PH	663	2205	0.06%	0.001%
95	5.752	5.731	5.794	PH	5106	63888	1.61%	0.035%
96	5.811	5.794	5.828	PH	2480	18674	0.47%	0.010%
97	5.845	5.828	5.862	PH	782	4784	0.12%	0.003%
98	5.876	5.862	5.903	HH	927	-2517	-0.06%	-0.001%
99	5.923	5.903	5.945	PH	1371	-2589	-0.07%	-0.001%
100	5.970	5.945	5.995	PH	1882	17361	0.44%	0.009%
101	6.025	5.995	6.044	HH	4455	62103	1.56%	0.034%
102	6.065	6.044	6.084	HH	4542	44466	1.12%	0.024%
103	6.118	6.084	6.134	PH	1747	23811	0.60%	0.013%
104	6.167	6.134	6.185	HH	5308	68614	1.73%	0.037%
105	6.196	6.185	6.200	HH	489	3363	0.08%	0.002%
106	6.211	6.200	6.225	HH	945	9438	0.24%	0.005%
107	6.257	6.225	6.273	HH	1891	30086	0.76%	0.016%
108	6.290	6.273	6.309	HH	1528	19944	0.50%	0.011%
109	6.330	6.309	6.351	HH	4502	48887	1.23%	0.027%
110	6.379	6.351	6.395	PH	1509	22076	0.56%	0.012%
111	6.406	6.395	6.423	HH	1632	16815	0.42%	0.009%
112	6.448	6.423	6.462	HH	3332	37321	0.94%	0.020%
113	6.469	6.462	6.495	HH	1267	14484	0.36%	0.008%
114	6.507	6.495	6.522	PH	664	4978	0.13%	0.003%
115	6.542	6.522	6.555	PH	1718	17652	0.44%	0.010%
116	6.567	6.555	6.577	HH	1659	17151	0.43%	0.009%
117	6.597	6.577	6.620	HH	14339	162685	4.10%	0.089%
118	6.639	6.620	6.658	HH	4243	63281	1.59%	0.034%
119	6.669	6.658	6.694	HH	2552	29884	0.75%	0.016%
120	6.724	6.694	6.748	HH	2603	44486	1.12%	0.024%
121	6.773	6.748	6.796	HH	3288	52517	1.32%	0.029%
122	6.828	6.796	6.840	HH	2048	43292	1.09%	0.024%
123	6.849	6.840	6.872	HH	2168	26799	0.68%	0.015%
124	6.909	6.872	6.931	HH	2360	47914	1.21%	0.026%
125	6.950	6.931	6.959	HH	4492	51167	1.29%	0.028%
126	6.966	6.959	6.989	HH	4075	56908	1.43%	0.031%
127	7.007	6.989	7.033	HH	6524	90695	2.29%	0.049%
128	7.061	7.033	7.073	HH	3172	55388	1.40%	0.030%
129	7.084	7.073	7.094	HH	3340	36501	0.92%	0.020%
130	7.107	7.094	7.126	HH	3846	54788	1.38%	0.030%
131	7.150	7.126	7.194	HH	17423	270491	6.82%	0.147%
132	7.211	7.194	7.234	HH	3856	65876	1.66%	0.036%
133	7.253	7.234	7.270	HH	3918	55507	1.40%	0.030%
134	7.281	7.270	7.287	HH	1913	17763	0.45%	0.010%
135	7.299	7.287	7.315	HH	2219	30815	0.78%	0.017%
136	7.340	7.315	7.355	HH	3185	57191	1.44%	0.031%
137	7.373	7.355	7.402	HH	5543	98805	2.49%	0.054%
138	7.422	7.402	7.438	HH	3581	59523	1.50%	0.032%
139	7.464	7.438	7.479	HH	3744	77807	1.96%	0.042%
140	7.501	7.479	7.520	HH	3866	83939	2.12%	0.046%
141	7.546	7.520	7.575	HH	7472	150182	3.78%	0.082%

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142	7.589	7.575	7.614	HH	2631	52963	1.33%	0.029%
143	7.632	7.614	7.647	HH	3629	55513	1.40%	0.030%
144	7.667	7.647	7.695	HH	4525	104186	2.63%	0.057%
145	7.714	7.695	7.739	HH	5151	105591	2.66%	0.057%
146	7.757	7.739	7.776	HH	3533	68523	1.73%	0.037%
147	7.799	7.776	7.806	HH	4801	69409	1.75%	0.038%
148	7.832	7.806	7.845	HH	6011	120346	3.03%	0.065%
149	7.851	7.845	7.872	HH	5481	72390	1.82%	0.039%
150	7.895	7.872	7.911	HH	5435	102343	2.58%	0.056%
151	7.945	7.911	7.962	HH	6112	153542	3.87%	0.084%
152	7.987	7.962	8.011	HH	10213	205738	5.18%	0.112%
153	8.018	8.011	8.040	HH	4656	74693	1.88%	0.041%
154	8.065	8.040	8.088	HH	22754	324286	8.17%	0.176%
155	8.095	8.088	8.104	HH	6028	55568	1.40%	0.030%
156	8.126	8.104	8.144	HH	7545	152961	3.85%	0.083%
157	8.155	8.144	8.164	HH	5798	66473	1.68%	0.036%
158	8.181	8.164	8.193	HH	6933	111455	2.81%	0.061%
159	8.209	8.193	8.224	HH	7428	125069	3.15%	0.068%
160	8.244	8.224	8.277	HH	11062	257291	6.48%	0.140%
161	8.293	8.277	8.300	HH	8662	108624	2.74%	0.059%
162	8.310	8.300	8.329	HH	9774	148741	3.75%	0.081%
163	8.336	8.329	8.346	HH	8021	79455	2.00%	0.043%
164	8.363	8.346	8.376	HH	8553	146556	3.69%	0.080%
165	8.410	8.376	8.450	HH	17298	452531	11.40%	0.246%
166	8.464	8.450	8.476	HH	6580	97114	2.45%	0.053%
167	8.511	8.476	8.525	HH	8912	224599	5.66%	0.122%
168	8.535	8.525	8.560	HH	7855	136418	3.44%	0.074%
169	8.574	8.560	8.585	HH	5846	87365	2.20%	0.048%
170	8.603	8.585	8.615	HH	7499	121778	3.07%	0.066%
171	8.637	8.615	8.658	HH	11119	219973	5.54%	0.120%
172	8.671	8.658	8.686	HH	8317	134091	3.38%	0.073%
173	8.706	8.686	8.727	HH	13959	254191	6.41%	0.138%
174	8.745	8.727	8.756	HH	12442	188908	4.76%	0.103%
175	8.780	8.756	8.807	HH	31069	536750	13.53%	0.292%
176	8.820	8.807	8.844	HH	8383	169038	4.26%	0.092%
177	8.863	8.844	8.888	HH	9626	222597	5.61%	0.121%
178	8.904	8.888	8.915	HH	8888	137597	3.47%	0.075%
179	8.928	8.915	8.959	HH	10511	229438	5.78%	0.125%
180	8.996	8.959	9.024	HH	11036	344809	8.69%	0.188%
181	9.033	9.024	9.042	HH	8724	92254	2.32%	0.050%
182	9.068	9.042	9.122	HH	13602	463233	11.67%	0.252%
183	9.153	9.122	9.176	HH	10852	292162	7.36%	0.159%
184	9.195	9.176	9.216	HH	8224	182049	4.59%	0.099%
185	9.223	9.216	9.240	HH	7526	105536	2.66%	0.057%
186	9.287	9.240	9.327	HH	8417	390047	9.83%	0.212%
187	9.372	9.327	9.415	HH	9207	409858	10.33%	0.223%
188	9.440	9.415	9.449	HH	11099	181497	4.57%	0.099%
189	9.461	9.449	9.493	HH	11208	240811	6.07%	0.131%
190	9.519	9.493	9.560	HH	11638	389159	9.81%	0.212%
191	9.570	9.560	9.586	HH	8345	123059	3.10%	0.067%
192	9.603	9.586	9.651	HH	10433	316998	7.99%	0.173%
193	9.666	9.651	9.680	HH	7130	121589	3.06%	0.066%
194	9.687	9.680	9.692	HH	6923	48836	1.23%	0.027%

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195	9.696	9.692	9.716	HH	6887	96610	2.43%	0.053%
196	9.721	9.716	9.727	HH	6770	44072	1.11%	0.024%
197	9.731	9.727	9.743	HH	6723	63024	1.59%	0.034%
198	9.765	9.743	9.773	HH	7378	127885	3.22%	0.070%
199	9.803	9.773	9.829	HH	9246	276745	6.97%	0.151%
200	9.847	9.829	9.886	HH	12881	306129	7.71%	0.167%
201	9.907	9.886	9.914	HH	8080	128719	3.24%	0.070%
202	9.925	9.914	9.940	HH	8201	128814	3.25%	0.070%
203	9.950	9.940	9.995	HH	8407	243577	6.14%	0.133%
204	10.020	9.995	10.039	HH	7458	178529	4.50%	0.097%
205	10.054	10.039	10.066	HH	7195	112713	2.84%	0.061%
206	10.079	10.066	10.100	HH	7229	140323	3.54%	0.076%
207	10.122	10.100	10.141	HH	7202	168040	4.23%	0.091%
208	10.156	10.141	10.160	HH	6518	70748	1.78%	0.039%
209	10.165	10.160	10.173	HH	6562	52590	1.33%	0.029%
210	10.191	10.173	10.208	HH	7629	146618	3.69%	0.080%
211	10.235	10.208	10.263	HH	18261	380625	9.59%	0.207%
212	10.309	10.263	10.314	HH	8444	237518	5.99%	0.129%
213	10.318	10.314	10.349	HH	8374	163420	4.12%	0.089%
214	10.384	10.349	10.406	HH	8951	255019	6.43%	0.139%
215	10.442	10.406	10.461	HH	7146	218885	5.52%	0.119%
216	10.476	10.461	10.488	HH	7048	114015	2.87%	0.062%
217	10.517	10.488	10.550	HH	8260	276560	6.97%	0.151%
218	10.586	10.550	10.627	HH	10948	375456	9.46%	0.204%
219	10.658	10.627	10.685	HH	22175	459172	11.57%	0.250%
220	10.692	10.685	10.743	HH	7981	257717	6.49%	0.140%
221	10.755	10.743	10.772	HH	6728	114365	2.88%	0.062%
222	10.802	10.772	10.807	HH	7006	143961	3.63%	0.078%
223	10.857	10.807	10.887	HH	10715	402079	10.13%	0.219%
224	10.910	10.887	10.915	HH	7894	123334	3.11%	0.067%
225	10.931	10.915	10.951	HH	8351	171058	4.31%	0.093%
226	10.976	10.951	11.009	HH	8662	271480	6.84%	0.148%
227	11.012	11.009	11.027	HH	7284	78762	1.98%	0.043%
228	11.038	11.027	11.044	HH	7326	74944	1.89%	0.041%
229	11.062	11.044	11.083	HH	7719	169280	4.27%	0.092%
230	11.095	11.083	11.109	HH	7099	107084	2.70%	0.058%
231	11.115	11.109	11.128	HH	6985	80862	2.04%	0.044%
232	11.142	11.128	11.149	HH	7156	88963	2.24%	0.048%
233	11.177	11.149	11.191	HH	7277	179519	4.52%	0.098%
234	11.195	11.191	11.207	HH	7152	66829	1.68%	0.036%
235	11.227	11.207	11.250	HH	7578	193302	4.87%	0.105%
236	11.288	11.250	11.330	HH	9463	366751	9.24%	0.200%
237	11.380	11.330	11.411	HH	14976	451903	11.39%	0.246%
238	11.432	11.411	11.443	HH	6993	129428	3.26%	0.070%
239	11.450	11.443	11.462	HH	6970	77839	1.96%	0.042%
240	11.488	11.462	11.511	HH	7193	206351	5.20%	0.112%
241	11.534	11.511	11.544	HH	7613	138555	3.49%	0.075%
242	11.586	11.544	11.591	HH	8210	218016	5.49%	0.119%
243	11.594	11.591	11.624	HH	8090	147437	3.72%	0.080%
244	11.664	11.624	11.677	HH	8359	240114	6.05%	0.131%
245	11.693	11.677	11.722	HH	8662	214546	5.41%	0.117%
246	11.732	11.722	11.740	HH	7719	81493	2.05%	0.044%

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247	11.771	11.740	11.789	HH	8449	231064	5.82%	0.126%
248	11.805	11.789	11.821	HH	8222	155368	3.92%	0.085%
249	11.839	11.821	11.877	HH	8631	257318	6.48%	0.140%
250	11.941	11.877	11.950	HH	9309	347125	8.75%	0.189%
251	11.956	11.950	12.008	HH	9329	269548	6.79%	0.147%
252	12.033	12.008	12.047	HH	7798	176038	4.44%	0.096%
253	12.066	12.047	12.085	HH	7950	176054	4.44%	0.096%
254	12.091	12.085	12.106	HH	7711	93206	2.35%	0.051%
255	12.120	12.106	12.125	HH	7557	87896	2.21%	0.048%
256	12.128	12.125	12.142	HH	7448	72595	1.83%	0.040%
257	12.159	12.142	12.164	HH	7596	96970	2.44%	0.053%
258	12.169	12.164	12.179	HH	7662	67732	1.71%	0.037%
259	12.189	12.179	12.199	HH	7862	95966	2.42%	0.052%
260	12.223	12.199	12.258	HH	8660	284131	7.16%	0.155%
261	12.264	12.258	12.270	HH	8000	58864	1.48%	0.032%
262	12.273	12.270	12.292	HH	7965	100015	2.52%	0.054%
263	12.298	12.292	12.309	HH	7450	73350	1.85%	0.040%
264	12.322	12.309	12.337	HH	7759	129376	3.26%	0.070%
265	12.354	12.337	12.405	HH	7708	304812	7.68%	0.166%
266	12.430	12.405	12.437	HH	7230	133400	3.36%	0.073%
267	12.456	12.437	12.483	HH	7759	204589	5.16%	0.111%
268	12.487	12.483	12.504	HH	6950	87062	2.19%	0.047%
269	12.524	12.504	12.549	HH	8197	208310	5.25%	0.113%
270	12.555	12.549	12.575	HH	8087	119198	3.00%	0.065%
271	12.604	12.575	12.643	HH	10100	341515	8.61%	0.186%
272	12.676	12.643	12.739	HH	15912	536298	13.51%	0.292%
273	12.752	12.739	12.787	HH	7428	203039	5.12%	0.111%
274	12.791	12.787	12.798	HH	6796	44594	1.12%	0.024%
275	12.835	12.798	12.843	HH	7368	191353	4.82%	0.104%
276	12.865	12.843	12.889	HH	7593	198530	5.00%	0.108%
277	12.898	12.889	12.915	HH	6945	109921	2.77%	0.060%
278	12.926	12.915	12.936	HH	7349	89299	2.25%	0.049%
279	12.942	12.936	12.951	HH	7193	63860	1.61%	0.035%
280	12.975	12.951	12.986	HH	14110	227342	5.73%	0.124%
281	12.998	12.986	13.045	HH	15849	367373	9.26%	0.200%
282	13.064	13.045	13.082	HH	7735	164481	4.14%	0.090%
283	13.099	13.082	13.132	HH	7731	215730	5.44%	0.117%
284	13.152	13.132	13.168	HH	7192	150945	3.80%	0.082%
285	13.173	13.168	13.185	HH	6806	68154	1.72%	0.037%
286	13.215	13.185	13.239	HH	12096	285733	7.20%	0.156%
287	13.258	13.239	13.290	HH	7594	216926	5.47%	0.118%
288	13.299	13.290	13.348	HH	6984	237654	5.99%	0.129%
289	13.380	13.348	13.406	HH	7421	239187	6.03%	0.130%
290	13.439	13.406	13.465	HH	8005	255489	6.44%	0.139%
291	13.490	13.465	13.516	HH	7056	204638	5.16%	0.111%
292	13.537	13.516	13.545	HH	6999	122383	3.08%	0.067%
293	13.569	13.545	13.597	HH	8063	231572	5.84%	0.126%
294	13.602	13.597	13.615	HH	7201	79854	2.01%	0.043%
295	13.635	13.615	13.651	HH	7781	158087	3.98%	0.086%
296	13.677	13.651	13.699	HH	8524	225262	5.68%	0.123%
297	13.715	13.699	13.734	HH	8083	163632	4.12%	0.089%
298	13.752	13.734	13.772	HH	7553	161979	4.08%	0.088%
299	13.801	13.772	13.834	HH	20435	438615	11.05%	0.239%

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300	13.854	13.834	13.873	HH	8287	179972	4.54%	0.098%
301	13.889	13.873	13.902	HH	7622	128586	3.24%	0.070%
302	13.913	13.902	13.924	HH	7096	91348	2.30%	0.050%
303	13.947	13.924	13.983	HH	7372	253494	6.39%	0.138%
304	14.026	13.983	14.067	HH	8664	390474	9.84%	0.213%
305	14.072	14.067	14.087	HH	7378	85809	2.16%	0.047%
306	14.094	14.087	14.117	HH	7435	133146	3.36%	0.072%
307	14.124	14.117	14.136	HH	7292	80291	2.02%	0.044%
308	14.139	14.136	14.142	HH	7234	26091	0.66%	0.014%
309	14.165	14.142	14.180	HH	8140	174198	4.39%	0.095%
310	14.197	14.180	14.213	HH	8226	158819	4.00%	0.086%
311	14.218	14.213	14.225	HH	7894	58496	1.47%	0.032%
312	14.238	14.225	14.252	HH	8020	124469	3.14%	0.068%
313	14.271	14.252	14.290	HH	8056	182998	4.61%	0.100%
314	14.317	14.290	14.339	HH	8669	233929	5.89%	0.127%
315	14.365	14.339	14.415	HH	31441	662683	16.70%	0.361%
316	14.433	14.415	14.452	HH	9088	188667	4.75%	0.103%
317	14.463	14.452	14.474	HH	8319	105429	2.66%	0.057%
318	14.491	14.474	14.519	HH	9321	238230	6.00%	0.130%
319	14.551	14.519	14.584	HH	9242	335159	8.45%	0.182%
320	14.624	14.584	14.645	HH	9117	319766	8.06%	0.174%
321	14.649	14.645	14.665	HH	8696	100461	2.53%	0.055%
322	14.703	14.665	14.735	HH	36101	732080	18.45%	0.398%
323	14.745	14.735	14.777	HH	9101	218003	5.49%	0.119%
324	14.796	14.777	14.804	HH	9027	141130	3.56%	0.077%
325	14.807	14.804	14.816	HH	9022	64697	1.63%	0.035%
326	14.821	14.816	14.824	HH	9084	44579	1.12%	0.024%
327	14.831	14.824	14.839	HH	9155	79892	2.01%	0.043%
328	14.865	14.839	14.880	HH	14457	291727	7.35%	0.159%
329	14.907	14.880	14.939	HH	44351	793909	20.01%	0.432%
330	14.951	14.939	15.001	HH	10455	358659	9.04%	0.195%
331	15.020	15.001	15.037	HH	10150	212811	5.36%	0.116%
332	15.049	15.037	15.077	HH	10310	235625	5.94%	0.128%
333	15.088	15.077	15.102	HH	9738	142811	3.60%	0.078%
334	15.108	15.102	15.129	HH	9772	155662	3.92%	0.085%
335	15.146	15.129	15.155	HH	9855	151780	3.82%	0.083%
336	15.182	15.155	15.193	HH	10213	224598	5.66%	0.122%
337	15.213	15.193	15.228	HH	10526	215979	5.44%	0.118%
338	15.242	15.228	15.262	HH	11186	216606	5.46%	0.118%
339	15.294	15.262	15.337	HH	19573	608948	15.35%	0.331%
340	15.343	15.337	15.370	HH	11211	217659	5.48%	0.118%
341	15.381	15.370	15.393	HH	10849	146112	3.68%	0.080%
342	15.428	15.393	15.465	HH	40801	871852	21.97%	0.475%
343	15.504	15.465	15.525	HH	13876	438654	11.05%	0.239%
344	15.538	15.525	15.556	HH	12588	223917	5.64%	0.122%
345	15.574	15.556	15.591	HH	12083	242690	6.12%	0.132%
346	15.608	15.591	15.628	HH	11571	259573	6.54%	0.141%
347	15.654	15.628	15.666	HH	11952	266679	6.72%	0.145%
348	15.694	15.666	15.718	HH	12786	381977	9.63%	0.208%
349	15.752	15.718	15.778	HH	14053	469677	11.84%	0.256%
350	15.807	15.778	15.834	HH	12962	425146	10.71%	0.231%
351	15.853	15.834	15.857	HH	12566	171387	4.32%	0.093%

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352	15.861	15.857	15.867	HH	12642	72576	1.83%	0.039%
353	15.877	15.867	15.897	HH	12852	230583	5.81%	0.125%
354	15.930	15.897	15.982	HH	40277	1028135	25.91%	0.560%
355	15.992	15.982	16.012	HH	13671	239175	6.03%	0.130%
356	16.022	16.012	16.039	HH	13148	207595	5.23%	0.113%
357	16.054	16.039	16.062	HH	13635	189747	4.78%	0.103%
358	16.074	16.062	16.081	HH	13539	151979	3.83%	0.083%
359	16.086	16.081	16.090	HH	13550	71175	1.79%	0.039%
360	16.123	16.090	16.127	HH	14701	312401	7.87%	0.170%
361	16.138	16.127	16.164	HH	14921	319556	8.05%	0.174%
362	16.186	16.164	16.197	HH	14320	282120	7.11%	0.154%
363	16.240	16.197	16.262	HH	16997	607563	15.31%	0.331%
364	16.303	16.262	16.331	HH	17136	666589	16.80%	0.363%
365	16.335	16.331	16.354	HH	15709	211828	5.34%	0.115%
366	16.372	16.354	16.377	HH	15946	215981	5.44%	0.118%
367	16.416	16.377	16.446	HH	42284	1081333	27.25%	0.589%
368	16.450	16.446	16.482	HH	19258	393435	9.91%	0.214%
369	16.498	16.482	16.505	HH	16924	234481	5.91%	0.128%
370	16.507	16.505	16.522	HH	16707	165290	4.17%	0.090%
371	16.551	16.522	16.590	HH	23140	792703	19.98%	0.431%
372	16.593	16.590	16.613	HH	17516	238882	6.02%	0.130%
373	16.618	16.613	16.625	HH	17357	123315	3.11%	0.067%
374	16.646	16.625	16.664	HH	17662	399552	10.07%	0.217%
375	16.716	16.664	16.730	HH	20022	730915	18.42%	0.398%
376	16.751	16.730	16.785	HH	24652	701618	17.68%	0.382%
377	16.810	16.785	16.849	HH	24201	797258	20.09%	0.434%
378	16.883	16.849	16.905	HH	38019	917553	23.12%	0.499%
379	16.911	16.905	16.942	HH	23346	478718	12.06%	0.261%
380	16.964	16.942	16.990	HH	21496	586870	14.79%	0.319%
381	16.997	16.990	17.011	HH	20140	261062	6.58%	0.142%
382	17.019	17.011	17.029	HH	20396	210102	5.29%	0.114%
383	17.033	17.029	17.048	HH	20352	239226	6.03%	0.130%
384	17.068	17.048	17.085	HH	21221	461626	11.63%	0.251%
385	17.131	17.085	17.136	HH	22185	652521	16.44%	0.355%
386	17.140	17.136	17.152	HH	21966	215856	5.44%	0.117%
387	17.174	17.152	17.189	HH	23189	493146	12.43%	0.268%
388	17.199	17.189	17.204	HH	22697	202493	5.10%	0.110%
389	17.219	17.204	17.234	HH	23212	407657	10.27%	0.222%
390	17.260	17.234	17.290	HH	24188	779768	19.65%	0.424%
391	17.335	17.290	17.386	HH	39762	1540797	38.83%	0.839%
392	17.419	17.386	17.437	HH	23594	713266	17.97%	0.388%
393	17.456	17.437	17.462	HH	24755	354548	8.93%	0.193%
394	17.467	17.462	17.484	HH	24739	318515	8.03%	0.173%
395	17.505	17.484	17.515	HH	23959	449752	11.33%	0.245%
396	17.526	17.515	17.530	HH	23745	209260	5.27%	0.114%
397	17.543	17.530	17.556	HH	24050	372079	9.38%	0.203%
398	17.573	17.556	17.583	HH	24221	378464	9.54%	0.206%
399	17.618	17.583	17.645	HH	25450	928367	23.39%	0.505%
400	17.668	17.645	17.689	HH	25911	659824	16.63%	0.359%
401	17.726	17.689	17.739	HH	26248	770213	19.41%	0.419%
402	17.773	17.739	17.804	HH	39200	1196630	30.15%	0.651%
403	17.818	17.804	17.833	HH	26807	467280	11.78%	0.254%
404	17.862	17.833	17.883	HH	30227	836101	21.07%	0.455%

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405	17.924	17.883	17.940	HH	30143	997312	25.13%	0.543%
406	17.947	17.940	17.964	HH	29228	400897	10.10%	0.218%
407	17.971	17.964	17.985	HH	29021	377093	9.50%	0.205%
408	18.004	17.985	18.010	HH	29069	431757	10.88%	0.235%
409	18.047	18.010	18.057	HH	29376	808381	20.37%	0.440%
410	18.062	18.057	18.069	HH	28955	206713	5.21%	0.113%
411	18.097	18.069	18.115	HH	31905	854582	21.53%	0.465%
412	18.138	18.115	18.169	HH	34090	1032112	26.01%	0.562%
413	18.195	18.169	18.232	HH	45443	1379651	34.77%	0.751%
414	18.236	18.232	18.247	HH	31077	283394	7.14%	0.154%
415	18.294	18.247	18.310	HH	33723	1194399	30.10%	0.650%
416	18.325	18.310	18.340	HH	33252	593537	14.96%	0.323%
417	18.354	18.340	18.399	HH	32850	1121580	28.26%	0.610%
418	18.406	18.399	18.418	HH	31711	358888	9.04%	0.195%
419	18.443	18.418	18.486	HH	38593	1417748	35.73%	0.772%
420	18.499	18.486	18.505	HH	33351	380929	9.60%	0.207%
421	18.513	18.505	18.518	HH	33170	269175	6.78%	0.146%
422	18.523	18.518	18.531	HH	33061	257126	6.48%	0.140%
423	18.605	18.531	18.665	HH	42638	2867414	72.26%	1.561%
424	18.709	18.665	18.742	HH	38812	1656069	41.73%	0.901%
425	18.768	18.742	18.800	HH	36655	1260203	31.76%	0.686%
426	18.809	18.800	18.820	HH	35846	426816	10.76%	0.232%
427	18.833	18.820	18.839	HH	36064	396675	10.00%	0.216%
428	18.877	18.839	18.882	HH	36993	935389	23.57%	0.509%
429	18.897	18.882	18.911	HH	37202	654855	16.50%	0.356%
430	18.927	18.911	18.934	HH	37557	503093	12.68%	0.274%
431	18.970	18.934	18.986	HH	43239	1266919	31.93%	0.690%
432	19.006	18.986	19.069	HH	43474	1984802	50.02%	1.080%
433	19.092	19.069	19.100	HH	39297	725415	18.28%	0.395%
434	19.109	19.100	19.119	HH	39629	444605	11.20%	0.242%
435	19.146	19.119	19.192	HH	42743	1794167	45.21%	0.976%
436	19.199	19.192	19.203	HH	39834	272481	6.87%	0.148%
437	19.210	19.203	19.216	HH	39854	310341	7.82%	0.169%
438	19.226	19.216	19.233	HH	40411	407722	10.27%	0.222%
439	19.259	19.233	19.285	HH	41462	1263344	31.84%	0.688%
440	19.306	19.285	19.348	HH	41957	1557482	39.25%	0.848%
441	19.391	19.348	19.414	HH	45346	1674640	42.20%	0.911%
442	19.424	19.414	19.437	HH	42783	586673	14.78%	0.319%
443	19.460	19.437	19.483	HH	46039	1229525	30.98%	0.669%
444	19.505	19.483	19.524	HH	44559	1069525	26.95%	0.582%
445	19.550	19.524	19.554	HH	44070	784393	19.77%	0.427%
446	19.572	19.554	19.579	HH	44589	665456	16.77%	0.362%
447	19.611	19.579	19.643	HH	46180	1749799	44.09%	0.952%
448	19.683	19.643	19.710	HH	49317	1875603	47.26%	1.021%
449	19.749	19.710	19.802	HH	56252	2758454	69.51%	1.501%
450	19.815	19.802	19.834	HH	48605	931972	23.49%	0.507%
451	19.840	19.834	19.851	HH	47991	477745	12.04%	0.260%
452	19.904	19.851	19.910	HH	49149	1705802	42.98%	0.928%
453	19.920	19.910	19.926	HH	49339	480048	12.10%	0.261%
454	20.002	19.926	20.042	HH	54969	3610501	90.98%	1.965%
455	20.070	20.042	20.087	HH	53490	1454173	36.64%	0.791%
456	20.098	20.087	20.106	HH	53533	597938	15.07%	0.325%

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457	20.134	20.106	20.155	HH	56172	1611221	40.60%	0.877%
458	20.177	20.155	20.193	HH	55718	1266141	31.91%	0.689%
459	20.214	20.193	20.220	HH	55891	909060	22.91%	0.495%
460	20.248	20.220	20.252	HH	57075	1068723	26.93%	0.582%
461	20.301	20.252	20.324	HH	59366	2505955	63.15%	1.364%
462	20.357	20.324	20.369	HH	59796	1606668	40.49%	0.874%
463	20.393	20.369	20.402	HH	60639	1199015	30.21%	0.653%
464	20.408	20.402	20.416	HH	60659	519512	13.09%	0.283%
465	20.422	20.416	20.429	HH	60709	448118	11.29%	0.244%
466	20.435	20.429	20.447	HH	60774	656543	16.54%	0.357%
467	20.460	20.447	20.467	HH	60792	744339	18.76%	0.405%
468	20.494	20.467	20.575	HH	62210	3968370	100.00%	2.160%
469	20.585	20.575	20.615	HH	60364	1441646	36.33%	0.785%
470	20.617	20.615	20.625	HH	59940	359159	9.05%	0.195%
471	20.632	20.625	20.639	HH	59694	483408	12.18%	0.263%
472	20.659	20.639	20.678	HH	60173	1413981	35.63%	0.770%
473	20.683	20.678	20.692	HH	59394	485228	12.23%	0.264%
474	20.700	20.692	20.716	HH	58933	860312	21.68%	0.468%
475	20.738	20.716	20.762	HH	59103	1614311	40.68%	0.879%
476	20.770	20.762	20.815	HH	58970	1871871	47.17%	1.019%
477	20.821	20.815	20.842	HH	58634	937838	23.63%	0.510%
478	20.861	20.842	20.865	HH	59042	795510	20.05%	0.433%
479	20.883	20.865	20.905	HH	59688	1429296	36.02%	0.778%
480	20.913	20.905	20.927	HH	58477	779024	19.63%	0.424%
481	20.935	20.927	20.986	HH	58239	2044608	51.52%	1.113%
482	20.991	20.986	21.019	HH	57605	1146365	28.89%	0.624%
483	21.022	21.019	21.026	HH	57428	248814	6.27%	0.135%
484	21.042	21.026	21.050	HH	57584	805786	20.31%	0.439%
485	21.057	21.050	21.079	HH	57873	1018382	25.66%	0.554%
486	21.084	21.079	21.091	HH	57732	396466	9.99%	0.216%
487	21.099	21.091	21.105	HH	57607	487904	12.29%	0.266%
488	21.125	21.105	21.130	HH	57804	879673	22.17%	0.479%
489	21.145	21.130	21.172	HH	58090	1465697	36.93%	0.798%
490	21.183	21.172	21.187	HH	58128	506160	12.75%	0.275%
491	21.199	21.187	21.244	HH	58356	1994253	50.25%	1.085%
492	21.251	21.244	21.292	HH	57200	1626279	40.98%	0.885%
493	21.318	21.292	21.354	HH	57695	2110210	53.18%	1.148%
494	21.368	21.354	21.375	HH	56859	722280	18.20%	0.393%
495	21.402	21.375	21.410	HH	57171	1191184	30.02%	0.648%
496	21.433	21.410	21.474	HH	57339	2193961	55.29%	1.194%
497	21.481	21.474	21.500	HH	57251	913283	23.01%	0.497%
498	21.505	21.500	21.514	HH	56943	459126	11.57%	0.250%
499	21.519	21.514	21.538	HH	56795	811815	20.46%	0.442%
500	21.559	21.538	21.578	HH	56809	1386624	34.94%	0.755%
501	21.599	21.578	21.613	HH	57181	1172754	29.55%	0.638%
502	21.618	21.613	21.621	HH	56922	286077	7.21%	0.156%
503	21.623	21.621	21.634	HH	56851	432021	10.89%	0.235%
504	21.639	21.634	21.682	HH	57110	1645547	41.47%	0.896%
505	21.693	21.682	21.719	HH	56719	1259123	31.73%	0.685%
506	21.723	21.719	21.729	HH	56461	316067	7.96%	0.172%
507	21.743	21.729	21.770	HH	56740	1419224	35.76%	0.772%
508	21.819	21.770	21.832	HH	58047	2124665	53.54%	1.156%
509	21.843	21.832	21.852	HH	58061	693714	17.48%	0.378%

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510	21.856	21.852	21.863	HH	58003	371476	9.36%	0.202%
511	21.867	21.863	21.890	HHA	58120	985665	24.84%	0.536%
				Sum of corrected areas:		183737708		

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