

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122221\
 Data File : FF009517.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2021 16:39
 Sample : M5191-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.132	2.100	2.154	BH	166	-1186	-0.01%	-0.000%
2	2.191	2.154	2.258	PH	303184	2128502	22.79%	0.450%
3	2.261	2.258	2.266	PH	17	-188	-0.00%	-0.000%
4	2.272	2.266	2.287	PH	-1	-1071	-0.01%	-0.000%
5	2.291	2.287	2.318	PH	-111	-2722	-0.03%	-0.001%
6	2.329	2.318	2.338	PH	-82	-1553	-0.02%	-0.000%
7	2.341	2.338	2.348	PH	-141	-1125	-0.01%	-0.000%
8	2.371	2.348	2.376	PH	-8	-2081	-0.02%	-0.000%
9	2.384	2.376	2.403	PH	49	-20	-0.00%	-0.000%
10	2.406	2.403	2.412	PH	22	-232	-0.00%	-0.000%
11	2.424	2.412	2.443	PH	356	1539	0.02%	0.000%
12	2.457	2.443	2.493	PH	771	2552	0.03%	0.001%
13	2.510	2.493	2.527	PH	404	1117	0.01%	0.000%
14	2.533	2.527	2.557	PH	24	-1590	-0.02%	-0.000%
15	2.571	2.557	2.610	PH	115	-5049	-0.05%	-0.001%
16	2.644	2.610	2.675	PH	513	-1720	-0.02%	-0.000%
17	2.679	2.675	2.689	PH	-213	-2549	-0.03%	-0.001%
18	2.694	2.689	2.715	PH	-341	-5289	-0.06%	-0.001%
19	2.732	2.715	2.788	PH	1066	5852	0.06%	0.001%
20	2.793	2.788	2.803	PH	-253	-2539	-0.03%	-0.001%
21	2.807	2.803	2.811	PH	-295	-1492	-0.02%	-0.000%
22	2.814	2.811	2.817	PH	-161	-990	-0.01%	-0.000%
23	2.831	2.817	2.864	PH	-46	-5970	-0.06%	-0.001%
24	2.904	2.864	2.935	PH	144	-7321	-0.08%	-0.002%
25	2.953	2.935	2.977	PH	528	-570	-0.01%	-0.000%
26	2.983	2.977	2.990	PH	-306	-2390	-0.03%	-0.001%
27	3.018	2.990	3.034	PH	227	-1677	-0.02%	-0.000%
28	3.040	3.034	3.068	PH	-62	-4728	-0.05%	-0.001%
29	3.088	3.068	3.113	PH	-301	-10049	-0.11%	-0.002%
30	3.141	3.113	3.158	PH	-270	-10071	-0.11%	-0.002%
31	3.162	3.158	3.167	PH	-330	-1823	-0.02%	-0.000%
32	3.171	3.167	3.174	PH	-318	-1454	-0.02%	-0.000%
33	3.198	3.174	3.229	PH	934	4022	0.04%	0.001%
34	3.232	3.229	3.276	PH	-301	-10887	-0.12%	-0.002%
35	3.316	3.276	3.333	PH	-68	-10534	-0.11%	-0.002%
36	3.341	3.333	3.346	PH	-79	-1588	-0.02%	-0.000%

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37	3.354	3.346	3.364	PH	-190	-2452	-0.03%	-0.001%
38	3.373	3.364	3.389	PH	-129	-2851	-0.03%	-0.001%
39	3.397	3.389	3.422	PH	-70	-5141	-0.06%	-0.001%
40	3.429	3.422	3.441	PH	-192	-3430	-0.04%	-0.001%
41	3.458	3.441	3.475	PH	503	1286	0.01%	0.000%
42	3.492	3.475	3.540	PH	6743	51922	0.56%	0.011%
43	3.566	3.540	3.585	PH	937	4861	0.05%	0.001%
44	3.590	3.585	3.596	HH	111	225	0.00%	0.000%
45	3.620	3.596	3.628	PH	521	4171	0.04%	0.001%
46	3.636	3.628	3.669	HH	518	1707	0.02%	0.000%
47	3.688	3.669	3.703	PH	557	3069	0.03%	0.001%
48	3.709	3.703	3.717	PH	71	236	0.00%	0.000%
49	3.728	3.717	3.748	PH	705	1864	0.02%	0.000%
50	3.774	3.748	3.822	PH	1275	8248	0.09%	0.002%
51	3.860	3.822	3.871	PH	1577	11414	0.12%	0.002%
52	3.885	3.871	3.940	HH	6173	115591	1.24%	0.024%
53	3.953	3.940	3.977	HH	2004	21819	0.23%	0.005%
54	3.992	3.977	4.003	HH	348	3980	0.04%	0.001%
55	4.025	4.003	4.049	HH	1797	26147	0.28%	0.006%
56	4.062	4.049	4.086	HH	1183	15935	0.17%	0.003%
57	4.094	4.086	4.109	HH	532	4750	0.05%	0.001%
58	4.119	4.109	4.136	PH	132	453	0.00%	0.000%
59	4.170	4.136	4.190	PH	686	4003	0.04%	0.001%
60	4.208	4.190	4.230	PH	524	5218	0.06%	0.001%
61	4.257	4.230	4.287	PH	285907	2553326	27.34%	0.540%
62	4.300	4.287	4.313	HH	1145	10675	0.11%	0.002%
63	4.329	4.313	4.347	HH	652	6924	0.07%	0.001%
64	4.362	4.347	4.383	PH	623	6650	0.07%	0.001%
65	4.412	4.383	4.437	HH	2220	31830	0.34%	0.007%
66	4.455	4.437	4.466	HH	1855	22323	0.24%	0.005%
67	4.476	4.466	4.493	HH	1337	15830	0.17%	0.003%
68	4.509	4.493	4.523	HH	3292	29930	0.32%	0.006%
69	4.536	4.523	4.555	HH	1792	22240	0.24%	0.005%
70	4.563	4.555	4.576	HH	1005	10399	0.11%	0.002%
71	4.582	4.576	4.595	HH	1036	8912	0.10%	0.002%
72	4.610	4.595	4.618	HH	908	9323	0.10%	0.002%
73	4.632	4.618	4.648	HH	1986	24582	0.26%	0.005%
74	4.658	4.648	4.663	HH	1585	12420	0.13%	0.003%
75	4.669	4.663	4.693	HH	1649	20063	0.21%	0.004%
76	4.721	4.693	4.752	HH	2234	36631	0.39%	0.008%
77	4.775	4.752	4.795	HH	616	10183	0.11%	0.002%
78	4.809	4.795	4.827	HH	723	8831	0.09%	0.002%
79	4.862	4.827	4.881	HH	1915	34221	0.37%	0.007%
80	4.894	4.881	4.915	HH	2121	24343	0.26%	0.005%
81	4.934	4.915	4.957	HH	2443	36231	0.39%	0.008%
82	4.970	4.957	4.982	HH	2261	25126	0.27%	0.005%
83	4.994	4.982	5.033	HH	2180	33888	0.36%	0.007%
84	5.057	5.033	5.070	HH	840	11764	0.13%	0.002%
85	5.088	5.070	5.101	HH	1589	20411	0.22%	0.004%
86	5.118	5.101	5.134	HH	1438	24887	0.27%	0.005%
87	5.150	5.134	5.163	HH	1752	25238	0.27%	0.005%
88	5.176	5.163	5.195	HH	1935	26265	0.28%	0.006%
89	5.204	5.195	5.223	HH	1177	16221	0.17%	0.003%

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90	5.236	5.223	5.254	HH	1091	15115	0.16%	0.003%
91	5.289	5.254	5.344	HH	11552	170861	1.83%	0.036%
92	5.360	5.344	5.367	HH	865	9847	0.11%	0.002%
93	5.376	5.367	5.391	HH	800	8263	0.09%	0.002%
94	5.408	5.391	5.422	HH	857	11865	0.13%	0.003%
95	5.445	5.422	5.455	HH	3468	39285	0.42%	0.008%
96	5.466	5.455	5.493	HH	4030	59115	0.63%	0.013%
97	5.501	5.493	5.515	HH	1189	13789	0.15%	0.003%
98	5.537	5.515	5.551	HH	1583	24822	0.27%	0.005%
99	5.570	5.551	5.609	HH	4219	87535	0.94%	0.019%
100	5.629	5.609	5.645	HH	2162	33611	0.36%	0.007%
101	5.659	5.645	5.670	HH	1822	21790	0.23%	0.005%
102	5.677	5.670	5.683	HH	1461	10423	0.11%	0.002%
103	5.694	5.683	5.717	HH	1614	22857	0.24%	0.005%
104	5.740	5.717	5.762	HH	2571	36028	0.39%	0.008%
105	5.790	5.762	5.811	HH	2644	47988	0.51%	0.010%
106	5.838	5.811	5.861	HH	8464	125263	1.34%	0.027%
107	5.881	5.861	5.902	HH	3510	60836	0.65%	0.013%
108	5.926	5.902	5.951	HH	4288	69446	0.74%	0.015%
109	5.985	5.951	6.002	HH	6880	124308	1.33%	0.026%
110	6.006	6.002	6.033	HH	2976	45294	0.48%	0.010%
111	6.050	6.033	6.058	HH	2563	32718	0.35%	0.007%
112	6.070	6.058	6.082	HH	2808	36130	0.39%	0.008%
113	6.099	6.082	6.127	HH	3242	68932	0.74%	0.015%
114	6.143	6.127	6.169	HH	3152	61735	0.66%	0.013%
115	6.190	6.169	6.208	HH	3328	64454	0.69%	0.014%
116	6.213	6.208	6.238	HH	2560	41622	0.45%	0.009%
117	6.265	6.238	6.313	HH	282276	2798872	29.97%	0.592%
118	6.324	6.313	6.334	HH	1806	20282	0.22%	0.004%
119	6.353	6.334	6.366	HH	2662	42261	0.45%	0.009%
120	6.385	6.366	6.395	HH	3055	46106	0.49%	0.010%
121	6.412	6.395	6.435	HH	10109	133708	1.43%	0.028%
122	6.449	6.435	6.473	HH	4409	76641	0.82%	0.016%
123	6.483	6.473	6.499	HH	2919	37959	0.41%	0.008%
124	6.541	6.499	6.559	HH	4797	105275	1.13%	0.022%
125	6.583	6.559	6.607	HH	4462	92544	0.99%	0.020%
126	6.618	6.607	6.632	HH	3175	41610	0.45%	0.009%
127	6.661	6.632	6.689	HH	4886	107496	1.15%	0.023%
128	6.721	6.689	6.741	HH	3267	85627	0.92%	0.018%
129	6.761	6.741	6.768	HH	4944	66723	0.71%	0.014%
130	6.780	6.768	6.802	HH	6151	95416	1.02%	0.020%
131	6.821	6.802	6.846	HH	7067	118848	1.27%	0.025%
132	6.865	6.846	6.876	HH	6546	88202	0.94%	0.019%
133	6.888	6.876	6.909	HH	7620	115077	1.23%	0.024%
134	6.922	6.909	6.941	HH	5568	82839	0.89%	0.018%
135	6.963	6.941	7.002	HH	13874	238280	2.55%	0.050%
136	7.021	7.002	7.043	HH	6526	112837	1.21%	0.024%
137	7.062	7.043	7.079	HH	5740	91214	0.98%	0.019%
138	7.090	7.079	7.102	HH	3551	45041	0.48%	0.010%
139	7.105	7.102	7.116	HH	3250	26755	0.29%	0.006%
140	7.184	7.116	7.209	HH	28295	465644	4.99%	0.099%
141	7.232	7.209	7.246	HH	4525	87462	0.94%	0.019%

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142	7.269	7.246	7.287	HH	4737	104445	1.12%	0.022%
143	7.311	7.287	7.332	HH	4636	111026	1.19%	0.023%
144	7.356	7.332	7.388	HH	9286	198619	2.13%	0.042%
145	7.405	7.388	7.427	HH	4733	94124	1.01%	0.020%
146	7.467	7.427	7.481	HH	5099	133600	1.43%	0.028%
147	7.496	7.481	7.502	HH	5030	58562	0.63%	0.012%
148	7.517	7.502	7.534	HH	6654	102718	1.10%	0.022%
149	7.548	7.534	7.584	HH	5413	129786	1.39%	0.027%
150	7.609	7.584	7.623	HH	7479	127442	1.36%	0.027%
151	7.636	7.623	7.651	HH	7657	114297	1.22%	0.024%
152	7.659	7.651	7.676	HH	6684	85548	0.92%	0.018%
153	7.703	7.676	7.722	HH	7693	157826	1.69%	0.033%
154	7.747	7.722	7.767	HH	10601	191958	2.06%	0.041%
155	7.786	7.767	7.796	HH	10219	142093	1.52%	0.030%
156	7.803	7.796	7.827	HH	9741	131410	1.41%	0.028%
157	7.872	7.827	7.902	HH	19045	381547	4.09%	0.081%
158	7.922	7.902	7.940	HH	6518	130387	1.40%	0.028%
159	7.975	7.940	7.992	HH	11002	240551	2.58%	0.051%
160	8.004	7.992	8.021	HH	8605	134485	1.44%	0.028%
161	8.052	8.021	8.078	HH	282039	3083431	33.02%	0.652%
162	8.097	8.078	8.112	HH	7571	137256	1.47%	0.029%
163	8.126	8.112	8.133	HH	7027	82817	0.89%	0.018%
164	8.158	8.133	8.182	HH	12846	268153	2.87%	0.057%
165	8.203	8.182	8.223	HH	10630	192294	2.06%	0.041%
166	8.234	8.223	8.246	HH	6590	87398	0.94%	0.018%
167	8.266	8.246	8.283	HH	7393	146406	1.57%	0.031%
168	8.294	8.283	8.311	HH	6468	102014	1.09%	0.022%
169	8.336	8.311	8.361	HH	5985	165789	1.78%	0.035%
170	8.377	8.361	8.386	HH	5328	71996	0.77%	0.015%
171	8.405	8.386	8.432	HH	8816	198535	2.13%	0.042%
172	8.451	8.432	8.482	HH	19688	351056	3.76%	0.074%
173	8.499	8.482	8.515	HH	11368	182723	1.96%	0.039%
174	8.538	8.515	8.551	HH	10147	199336	2.13%	0.042%
175	8.584	8.551	8.612	HH	23201	441684	4.73%	0.093%
176	8.636	8.612	8.651	HH	8491	164350	1.76%	0.035%
177	8.661	8.651	8.674	HH	7075	89663	0.96%	0.019%
178	8.692	8.674	8.708	HH	8778	151333	1.62%	0.032%
179	8.727	8.708	8.750	HH	13671	227321	2.43%	0.048%
180	8.762	8.750	8.776	HH	6698	100656	1.08%	0.021%
181	8.811	8.776	8.828	HH	7684	222341	2.38%	0.047%
182	8.834	8.828	8.841	HH	6565	48741	0.52%	0.010%
183	8.868	8.841	8.890	HH	33694	499844	5.35%	0.106%
184	8.901	8.890	8.934	HH	9965	194165	2.08%	0.041%
185	8.953	8.934	8.975	HH	7029	148413	1.59%	0.031%
186	9.014	8.975	9.034	HH	8940	225219	2.41%	0.048%
187	9.050	9.034	9.060	HH	6685	93306	1.00%	0.020%
188	9.065	9.060	9.081	HH	6361	74645	0.80%	0.016%
189	9.100	9.081	9.118	HH	7203	140331	1.50%	0.030%
190	9.150	9.118	9.183	HH	8964	262978	2.82%	0.056%
191	9.197	9.183	9.209	HH	6154	93002	1.00%	0.020%
192	9.236	9.209	9.270	HH	24129	496400	5.32%	0.105%
193	9.286	9.270	9.299	HH	10865	157309	1.68%	0.033%
194	9.312	9.299	9.346	HH	10992	257642	2.76%	0.055%

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195	9.378	9.346	9.398	HH	10197	256478	2.75%	0.054%
196	9.425	9.398	9.457	HH	12570	321385	3.44%	0.068%
197	9.477	9.457	9.502	HH	8569	186483	2.00%	0.039%
198	9.520	9.502	9.535	HH	6299	119451	1.28%	0.025%
199	9.557	9.535	9.575	HH	9993	194319	2.08%	0.041%
200	9.601	9.575	9.617	HH	8623	202324	2.17%	0.043%
201	9.644	9.617	9.691	HH	245751	2861523	30.64%	0.605%
202	9.719	9.691	9.731	HH	7637	165295	1.77%	0.035%
203	9.750	9.731	9.783	HH	9253	220223	2.36%	0.047%
204	9.814	9.783	9.841	HH	7440	221555	2.37%	0.047%
205	9.851	9.841	9.867	HH	5932	88244	0.94%	0.019%
206	9.875	9.867	9.896	HH	5951	98962	1.06%	0.021%
207	9.915	9.896	9.940	HH	6393	156648	1.68%	0.033%
208	9.974	9.940	10.002	HH	9636	282673	3.03%	0.060%
209	10.029	10.002	10.055	HH	17492	367421	3.93%	0.078%
210	10.082	10.055	10.096	HH	10137	218179	2.34%	0.046%
211	10.116	10.096	10.136	HH	11932	241730	2.59%	0.051%
212	10.156	10.136	10.165	HH	10321	160806	1.72%	0.034%
213	10.172	10.165	10.205	HH	10379	199056	2.13%	0.042%
214	10.228	10.205	10.243	HH	9989	195834	2.10%	0.041%
215	10.260	10.243	10.273	HH	8924	154494	1.65%	0.033%
216	10.293	10.273	10.330	HH	12598	345777	3.70%	0.073%
217	10.380	10.330	10.411	HH	26096	633128	6.78%	0.134%
218	10.449	10.411	10.473	HH	24560	614951	6.58%	0.130%
219	10.482	10.473	10.499	HH	10968	160879	1.72%	0.034%
220	10.505	10.499	10.520	HH	9813	117525	1.26%	0.025%
221	10.529	10.520	10.547	HH	9256	137625	1.47%	0.029%
222	10.565	10.547	10.583	HH	8392	175552	1.88%	0.037%
223	10.627	10.583	10.676	HH	183220	2321135	24.85%	0.491%
224	10.703	10.676	10.741	HH	59345	1085553	11.62%	0.230%
225	10.760	10.741	10.783	HH	11241	266092	2.85%	0.056%
226	10.809	10.783	10.864	HH	13130	501999	5.38%	0.106%
227	10.886	10.864	10.913	HH	10396	269624	2.89%	0.057%
228	10.931	10.913	10.966	HH	18945	387753	4.15%	0.082%
229	10.981	10.966	10.988	HH	8916	112164	1.20%	0.024%
230	11.021	10.988	11.043	HH	10126	315429	3.38%	0.067%
231	11.081	11.043	11.110	HH	238221	2955905	31.65%	0.625%
232	11.125	11.110	11.133	HH	10296	134154	1.44%	0.028%
233	11.164	11.133	11.192	HH	22602	556698	5.96%	0.118%
234	11.205	11.192	11.218	HH	11371	160705	1.72%	0.034%
235	11.235	11.218	11.252	HH	14736	255374	2.73%	0.054%
236	11.272	11.252	11.300	HH	15650	363449	3.89%	0.077%
237	11.326	11.300	11.343	HH	10571	256230	2.74%	0.054%
238	11.390	11.343	11.410	HH	19708	519651	5.56%	0.110%
239	11.429	11.410	11.444	HH	25923	365599	3.91%	0.077%
240	11.459	11.444	11.498	HH	29261	559934	6.00%	0.118%
241	11.540	11.498	11.558	HH	31930	678418	7.26%	0.144%
242	11.575	11.558	11.590	HH	21529	332110	3.56%	0.070%
243	11.607	11.590	11.657	HH	23266	563555	6.03%	0.119%
244	11.680	11.657	11.694	HH	11016	229369	2.46%	0.049%
245	11.747	11.694	11.779	HH	22587	725499	7.77%	0.153%
246	11.800	11.779	11.820	HH	22655	414664	4.44%	0.088%

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247	11.836	11.820	11.878	HH	19513	507596	5.44%	0.107%
248	11.899	11.878	11.922	HH	21672	403137	4.32%	0.085%
249	11.932	11.922	11.943	HH	11958	153350	1.64%	0.032%
250	11.964	11.943	11.973	HH	13261	221488	2.37%	0.047%
251	11.977	11.973	11.983	HH	13256	78353	0.84%	0.017%
252	12.002	11.983	12.033	HH	24332	541574	5.80%	0.115%
253	12.041	12.033	12.067	HH	15068	285273	3.05%	0.060%
254	12.086	12.067	12.091	HH	13093	177674	1.90%	0.038%
255	12.101	12.091	12.115	HH	13312	189440	2.03%	0.040%
256	12.152	12.115	12.164	HH	15032	410417	4.39%	0.087%
257	12.171	12.164	12.192	HH	14776	226236	2.42%	0.048%
258	12.215	12.192	12.256	HH	17359	547567	5.86%	0.116%
259	12.290	12.256	12.303	HH	17667	414758	4.44%	0.088%
260	12.324	12.303	12.344	HH	23978	474389	5.08%	0.100%
261	12.386	12.344	12.413	HH	229559	3073029	32.90%	0.650%
262	12.441	12.413	12.474	HH	242795	3053127	32.69%	0.646%
263	12.482	12.474	12.502	HH	14661	233350	2.50%	0.049%
264	12.522	12.502	12.555	HH	15375	442121	4.73%	0.094%
265	12.583	12.555	12.590	HH	15765	303418	3.25%	0.064%
266	12.627	12.590	12.648	HH	21332	612546	6.56%	0.130%
267	12.661	12.648	12.692	HH	17739	441729	4.73%	0.093%
268	12.736	12.692	12.764	HH	198129	2677390	28.67%	0.566%
269	12.768	12.764	12.775	HH	17293	112744	1.21%	0.024%
270	12.794	12.775	12.810	HH	33658	527170	5.64%	0.112%
271	12.828	12.810	12.854	HH	42274	753747	8.07%	0.159%
272	12.871	12.854	12.898	HH	22744	518765	5.55%	0.110%
273	12.915	12.898	12.930	HH	20804	359386	3.85%	0.076%
274	12.946	12.930	12.972	HH	19885	441164	4.72%	0.093%
275	12.995	12.972	13.040	HH	26567	871974	9.34%	0.184%
276	13.043	13.040	13.054	HH	17812	148286	1.59%	0.031%
277	13.070	13.054	13.083	HH	19483	322164	3.45%	0.068%
278	13.092	13.083	13.115	HH	19127	333617	3.57%	0.071%
279	13.137	13.115	13.174	HH	20061	622365	6.66%	0.132%
280	13.198	13.174	13.222	HH	25865	599096	6.41%	0.127%
281	13.232	13.222	13.263	HH	19885	463185	4.96%	0.098%
282	13.269	13.263	13.277	HH	17472	137218	1.47%	0.029%
283	13.327	13.277	13.378	HH	39235	1424243	15.25%	0.301%
284	13.397	13.378	13.408	HH	19475	337231	3.61%	0.071%
285	13.432	13.408	13.455	HH	38593	766507	8.21%	0.162%
286	13.474	13.455	13.495	HH	29562	576137	6.17%	0.122%
287	13.507	13.495	13.543	HH	22340	577575	6.18%	0.122%
288	13.578	13.543	13.623	HH	204112	3341783	35.78%	0.707%
289	13.642	13.623	13.691	HH	26586	872759	9.34%	0.185%
290	13.731	13.691	13.744	HH	20060	615914	6.59%	0.130%
291	13.767	13.744	13.781	HH	20491	428627	4.59%	0.091%
292	13.808	13.781	13.828	HH	22099	591852	6.34%	0.125%
293	13.832	13.828	13.853	HH	20395	301787	3.23%	0.064%
294	13.872	13.853	13.880	HH	20036	326402	3.49%	0.069%
295	13.904	13.880	13.908	HH	21028	344242	3.69%	0.073%
296	13.911	13.908	13.923	HH	20911	175275	1.88%	0.037%
297	13.940	13.923	13.948	HH	21383	312278	3.34%	0.066%
298	13.968	13.948	13.975	HH	22124	352635	3.78%	0.075%
299	13.997	13.975	14.008	HH	24961	459144	4.92%	0.097%

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300	14.018	14.008	14.023	HH	24357	231827	2.48%	0.049%
301	14.035	14.023	14.049	HH	24684	373550	4.00%	0.079%
302	14.072	14.049	14.112	HH	31519	941683	10.08%	0.199%
303	14.142	14.112	14.174	HH	36966	1068814	11.44%	0.226%
304	14.197	14.174	14.223	HH	71965	1267798	13.57%	0.268%
305	14.238	14.223	14.275	HH	39460	958102	10.26%	0.203%
306	14.300	14.275	14.325	HH	42193	985053	10.55%	0.208%
307	14.348	14.325	14.361	HH	30870	610811	6.54%	0.129%
308	14.378	14.361	14.406	HH	32328	775698	8.31%	0.164%
309	14.419	14.406	14.440	HH	27202	532427	5.70%	0.113%
310	14.475	14.440	14.516	HH	136504	2660559	28.49%	0.563%
311	14.532	14.516	14.545	HH	26327	462685	4.95%	0.098%
312	14.571	14.545	14.584	HH	32526	675347	7.23%	0.143%
313	14.611	14.584	14.632	HH	113131	1894082	20.28%	0.401%
314	14.652	14.632	14.661	HH	116271	1492121	15.98%	0.316%
315	14.677	14.661	14.705	HH	204429	2965625	31.75%	0.627%
316	14.719	14.705	14.743	HH	32649	709480	7.60%	0.150%
317	14.772	14.743	14.835	HH	47352	1876049	20.09%	0.397%
318	14.843	14.835	14.851	HH	29100	273961	2.93%	0.058%
319	14.869	14.851	14.896	HH	35866	854241	9.15%	0.181%
320	14.926	14.896	14.942	HH	38666	917106	9.82%	0.194%
321	14.956	14.942	14.988	HH	35060	919965	9.85%	0.195%
322	14.993	14.988	14.996	HH	30633	137122	1.47%	0.029%
323	15.005	14.996	15.027	HH	31109	560219	6.00%	0.119%
324	15.076	15.027	15.143	HH	59678	3006685	32.19%	0.636%
325	15.148	15.143	15.152	HH	33396	178507	1.91%	0.038%
326	15.158	15.152	15.163	HH	33458	231981	2.48%	0.049%
327	15.195	15.163	15.229	HH	47069	1540148	16.49%	0.326%
328	15.247	15.229	15.256	HH	37895	594226	6.36%	0.126%
329	15.260	15.256	15.264	HH	37638	187022	2.00%	0.040%
330	15.285	15.264	15.306	HH	50838	1058497	11.33%	0.224%
331	15.321	15.306	15.355	HH	41511	1082513	11.59%	0.229%
332	15.372	15.355	15.388	HH	39046	714476	7.65%	0.151%
333	15.446	15.388	15.474	HH	45194	2063370	22.09%	0.437%
334	15.517	15.474	15.548	HH	41187	1683751	18.03%	0.356%
335	15.570	15.548	15.578	HH	38098	651837	6.98%	0.138%
336	15.602	15.578	15.642	HH	43166	1518965	16.26%	0.321%
337	15.696	15.642	15.738	HH	204784	4447746	47.62%	0.941%
338	15.746	15.738	15.774	HH	41181	857459	9.18%	0.181%
339	15.788	15.774	15.800	HH	39758	604889	6.48%	0.128%
340	15.803	15.800	15.807	HH	38720	166046	1.78%	0.035%
341	15.822	15.807	15.836	HH	39835	683330	7.32%	0.145%
342	15.839	15.836	15.845	HH	38988	201815	2.16%	0.043%
343	15.876	15.845	15.907	HH	45240	1588822	17.01%	0.336%
344	15.923	15.907	15.943	HH	44696	934161	10.00%	0.198%
345	15.964	15.943	15.986	HH	47836	1157835	12.40%	0.245%
346	15.994	15.986	16.004	HH	45964	492456	5.27%	0.104%
347	16.024	16.004	16.038	HH	46343	943188	10.10%	0.200%
348	16.048	16.038	16.061	HH	46074	615326	6.59%	0.130%
349	16.085	16.061	16.108	HH	54919	1441600	15.44%	0.305%
350	16.125	16.108	16.134	HH	52032	807598	8.65%	0.171%
351	16.170	16.134	16.190	HH	153227	3025320	32.39%	0.640%

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352	16.197	16.190	16.230	HH	81789	1512952	16.20%	0.320%
353	16.252	16.230	16.276	HH	50645	1365074	14.62%	0.289%
354	16.302	16.276	16.323	HH	66757	1577833	16.89%	0.334%
355	16.340	16.323	16.363	HH	54303	1276463	13.67%	0.270%
356	16.379	16.363	16.390	HH	53152	863931	9.25%	0.183%
357	16.394	16.390	16.413	HH	53502	712904	7.63%	0.151%
358	16.421	16.413	16.431	HH	53696	577798	6.19%	0.122%
359	16.457	16.431	16.465	HH	60311	1174335	12.57%	0.248%
360	16.489	16.465	16.518	HH	112918	2479195	26.55%	0.524%
361	16.548	16.518	16.585	HH	128891	3084638	33.03%	0.653%
362	16.644	16.585	16.672	HH	230262	5330801	57.08%	1.128%
363	16.688	16.672	16.715	HH	76276	1766612	18.92%	0.374%
364	16.720	16.715	16.746	HH	60678	1088998	11.66%	0.230%
365	16.770	16.746	16.777	HH	59701	1094836	11.72%	0.232%
366	16.802	16.777	16.812	HH	63736	1285674	13.77%	0.272%
367	16.816	16.812	16.843	HH	61611	1133145	12.13%	0.240%
368	16.872	16.843	16.892	HH	64454	1813886	19.42%	0.384%
369	16.914	16.892	16.921	HH	67110	1126321	12.06%	0.238%
370	16.930	16.921	16.939	HH	67542	727879	7.79%	0.154%
371	16.943	16.939	16.955	HH	67810	651579	6.98%	0.138%
372	16.959	16.955	16.995	HH	66874	1525717	16.34%	0.323%
373	17.046	16.995	17.066	HH	73702	2935149	31.43%	0.621%
374	17.091	17.066	17.156	HH	83359	3875521	41.50%	0.820%
375	17.163	17.156	17.178	HH	67317	878676	9.41%	0.186%
376	17.207	17.178	17.229	HH	73789	2141799	22.93%	0.453%
377	17.244	17.229	17.249	HH	70143	827809	8.86%	0.175%
378	17.253	17.249	17.287	HH	70450	1556861	16.67%	0.329%
379	17.325	17.287	17.333	HH	68263	1844909	19.75%	0.390%
380	17.342	17.333	17.346	HH	68386	507182	5.43%	0.107%
381	17.354	17.346	17.363	HH	68842	717103	7.68%	0.152%
382	17.368	17.363	17.381	HH	68745	712876	7.63%	0.151%
383	17.424	17.381	17.445	HH	71575	2653187	28.41%	0.561%
384	17.458	17.445	17.462	HH	72509	723007	7.74%	0.153%
385	17.494	17.462	17.499	HH	78414	1665017	17.83%	0.352%
386	17.527	17.499	17.577	HH	230218	5631094	60.29%	1.191%
387	17.628	17.577	17.638	HH	79728	2768644	29.64%	0.586%
388	17.659	17.638	17.680	HH	89606	2108704	22.58%	0.446%
389	17.692	17.680	17.700	HH	81907	987252	10.57%	0.209%
390	17.707	17.700	17.731	HH	82137	1483993	15.89%	0.314%
391	17.737	17.731	17.745	HH	78442	636656	6.82%	0.135%
392	17.750	17.745	17.786	HH	78256	1867678	20.00%	0.395%
393	17.799	17.786	17.805	HH	78377	900372	9.64%	0.190%
394	17.830	17.805	17.855	HH	95368	2572800	27.55%	0.544%
395	17.859	17.855	17.878	HH	84766	1161620	12.44%	0.246%
396	17.922	17.878	17.992	HH	143274	7035653	75.33%	1.488%
397	18.024	17.992	18.040	HH	93918	2607984	27.92%	0.552%
398	18.055	18.040	18.070	HH	97131	1636398	17.52%	0.346%
399	18.084	18.070	18.102	HH	91737	1719988	18.42%	0.364%
400	18.108	18.102	18.133	HH	87430	1590123	17.03%	0.336%
401	18.147	18.133	18.153	HH	83785	955713	10.23%	0.202%
402	18.175	18.153	18.205	HH	130179	3214835	34.42%	0.680%
403	18.212	18.205	18.217	HH	86429	638536	6.84%	0.135%
404	18.223	18.217	18.237	HH	86750	1028389	11.01%	0.218%

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405	18.261	18.237	18.278	HH	89984	2114070	22.64%	0.447%
406	18.282	18.278	18.287	HH	86457	507332	5.43%	0.107%
407	18.311	18.287	18.328	HH	104337	2357359	25.24%	0.499%
408	18.358	18.328	18.391	HH	235924	5426018	58.10%	1.148%
409	18.409	18.391	18.417	HH	89602	1366015	14.63%	0.289%
410	18.451	18.417	18.470	HH	100965	3037446	32.52%	0.643%
411	18.493	18.470	18.516	HH	100096	2620284	28.06%	0.554%
412	18.522	18.516	18.537	HH	93198	1161275	12.43%	0.246%
413	18.543	18.537	18.551	HH	91297	769936	8.24%	0.163%
414	18.560	18.551	18.565	HH	91220	734950	7.87%	0.155%
415	18.569	18.565	18.576	HH	91591	586840	6.28%	0.124%
416	18.583	18.576	18.587	HH	91735	639917	6.85%	0.135%
417	18.617	18.587	18.646	HH	99985	3355715	35.93%	0.710%
418	18.660	18.646	18.673	HH	95489	1530747	16.39%	0.324%
419	18.696	18.673	18.711	HH	99127	2201815	23.58%	0.466%
420	18.753	18.711	18.810	HH	122438	6434110	68.89%	1.361%
421	18.821	18.810	18.827	HH	98677	1026619	10.99%	0.217%
422	18.844	18.827	18.855	HH	104145	1687776	18.07%	0.357%
423	18.869	18.855	18.905	HH	107743	3080475	32.98%	0.652%
424	18.926	18.905	18.934	HH	100079	1684312	18.03%	0.356%
425	18.942	18.934	18.948	HH	99819	872203	9.34%	0.185%
426	18.950	18.948	18.974	HH	99653	1531188	16.39%	0.324%
427	19.007	18.974	19.015	HH	100805	2441959	26.15%	0.517%
428	19.036	19.015	19.062	HH	102607	2856092	30.58%	0.604%
429	19.072	19.062	19.087	HH	101172	1465145	15.69%	0.310%
430	19.139	19.087	19.179	HH	228681	7615705	81.54%	1.611%
431	19.196	19.179	19.215	HH	108930	2300338	24.63%	0.487%
432	19.250	19.215	19.281	HH	114771	4341591	46.49%	0.918%
433	19.308	19.281	19.314	HH	113184	2200079	23.56%	0.465%
434	19.335	19.314	19.369	HH	125808	3874308	41.48%	0.820%
435	19.370	19.369	19.374	HH	111319	350538	3.75%	0.074%
436	19.401	19.374	19.441	HH	126464	4734296	50.69%	1.002%
437	19.492	19.441	19.497	HH	121475	3955132	42.35%	0.837%
438	19.512	19.497	19.530	HH	126946	2488811	26.65%	0.527%
439	19.550	19.530	19.574	HH	123453	3125124	33.46%	0.661%
440	19.579	19.574	19.589	HH	115797	1033318	11.06%	0.219%
441	19.617	19.589	19.639	HH	122910	3551744	38.03%	0.751%
442	19.664	19.639	19.685	HH	120585	3277069	35.09%	0.693%
443	19.712	19.685	19.743	HH	141422	4514216	48.34%	0.955%
444	19.782	19.743	19.803	HH	129475	4511893	48.31%	0.955%
445	19.808	19.803	19.811	HH	124821	579557	6.21%	0.123%
446	19.823	19.811	19.840	HH	125623	2196440	23.52%	0.465%
447	19.876	19.840	19.925	HH	234595	7944876	85.07%	1.681%
448	19.938	19.925	19.959	HH	128539	2519761	26.98%	0.533%
449	19.986	19.959	20.001	HH	129874	3236858	34.66%	0.685%
450	20.009	20.001	20.019	HH	129073	1430844	15.32%	0.303%
451	20.030	20.019	20.038	HH	129275	1424908	15.26%	0.301%
452	20.049	20.038	20.055	HH	129492	1302140	13.94%	0.275%
453	20.063	20.055	20.073	HH	131398	1412429	15.12%	0.299%
454	20.085	20.073	20.096	HH	131117	1770189	18.95%	0.374%
455	20.119	20.096	20.125	HH	130773	2331798	24.97%	0.493%
456	20.141	20.125	20.166	HH	131494	3141786	33.64%	0.665%

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457	20.175	20.166	20.182	HH	131100	1266410	13.56%	0.268%
458	20.200	20.182	20.207	HH	132578	1984151	21.24%	0.420%
459	20.228	20.207	20.255	HH	142989	3982428	42.64%	0.843%
460	20.276	20.255	20.290	HH	135495	2821449	30.21%	0.597%
461	20.303	20.290	20.310	HH	135720	1579525	16.91%	0.334%
462	20.331	20.310	20.339	HH	139419	2365239	25.33%	0.500%
463	20.345	20.339	20.350	HH	138748	968026	10.36%	0.205%
464	20.362	20.350	20.388	HH	141406	3160952	33.85%	0.669%
465	20.394	20.388	20.414	HH	138065	2115311	22.65%	0.448%
466	20.423	20.414	20.433	HH	136475	1545141	16.54%	0.327%
467	20.443	20.433	20.457	HH	138176	1975286	21.15%	0.418%
468	20.467	20.457	20.477	HH	138815	1630782	17.46%	0.345%
469	20.482	20.477	20.492	HH	137626	1190217	12.74%	0.252%
470	20.516	20.492	20.538	HH	137737	3832361	41.03%	0.811%
471	20.544	20.538	20.549	HH	136646	838283	8.98%	0.177%
472	20.582	20.549	20.647	HH	225677	9339386	100.00%	1.976%
473	20.653	20.647	20.659	HH	132380	936085	10.02%	0.198%
474	20.666	20.659	20.686	HH	132955	2193738	23.49%	0.464%
475	20.710	20.686	20.717	HH	134027	2477566	26.53%	0.524%
476	20.723	20.717	20.763	HH	133914	3572462	38.25%	0.756%
477	20.767	20.763	20.772	HH	130399	744813	7.97%	0.158%
478	20.781	20.772	20.814	HH	130782	3227645	34.56%	0.683%
479	20.819	20.814	20.828	HH	126781	1041254	11.15%	0.220%
480	20.832	20.828	20.850	HH	126036	1699783	18.20%	0.360%
481	20.865	20.850	20.872	HH	127897	1693232	18.13%	0.358%
482	20.878	20.872	20.886	HH	128032	1069157	11.45%	0.226%
483	20.894	20.886	20.910	HH	128600	1841358	19.72%	0.390%
484	20.912	20.910	20.924	HH	127281	1010033	10.81%	0.214%
485	20.932	20.924	20.938	HH	127668	1124562	12.04%	0.238%
486	20.975	20.938	21.025	HH	135192	6763773	72.42%	1.431%
487	21.071	21.025	21.118	HH	134416	7241856	77.54%	1.532%
488	21.123	21.118	21.129	HH	124354	812992	8.70%	0.172%
489	21.134	21.129	21.138	HH	122744	705111	7.55%	0.149%
490	21.146	21.138	21.157	HH	123681	1377230	14.75%	0.291%
491	21.161	21.157	21.179	HH	121406	1573029	16.84%	0.333%
492	21.189	21.179	21.205	HH	121307	1872978	20.05%	0.396%
493	21.212	21.205	21.218	HH	120325	979418	10.49%	0.207%
494	21.226	21.218	21.236	HH	121718	1261859	13.51%	0.267%
495	21.241	21.236	21.254	HH	121097	1322721	14.16%	0.280%
496	21.267	21.254	21.287	HH	121453	2389508	25.59%	0.506%
497	21.309	21.287	21.322	HH	120821	2526625	27.05%	0.535%
498	21.327	21.322	21.334	HH	120636	829682	8.88%	0.176%
499	21.352	21.334	21.367	HH	123083	2422027	25.93%	0.512%
500	21.413	21.367	21.461	HH	186603	8145121	87.21%	1.723%
501	21.485	21.461	21.510	HH	117962	3455752	37.00%	0.731%
502	21.531	21.510	21.535	HH	115659	1700582	18.21%	0.360%
					Sum of corrected areas:		472686493	

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