

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091018\
 Data File : FF002086.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2018 22:38
 Sample : J4825-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF083018.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.015	1.991	2.148	BH	35882	423599	2.35%	0.045%
2	2.153	2.148	2.157	HH	439	2069	0.01%	0.000%
3	2.167	2.157	2.195	HH	410	6925	0.04%	0.001%
4	2.199	2.195	2.209	HH	284	1869	0.01%	0.000%
5	2.212	2.209	2.226	HH	288	2394	0.01%	0.000%
6	2.238	2.226	2.249	HH	335	3676	0.02%	0.000%
7	2.275	2.249	2.309	HH	1064	15875	0.09%	0.002%
8	2.321	2.309	2.336	HH	568	6058	0.03%	0.001%
9	2.339	2.336	2.353	HH	269	2406	0.01%	0.000%
10	2.357	2.353	2.369	HH	240	1890	0.01%	0.000%
11	2.373	2.369	2.399	HH	235	3133	0.02%	0.000%
12	2.425	2.399	2.430	HH	212	2573	0.01%	0.000%
13	2.468	2.430	2.487	HH	547	9444	0.05%	0.001%
14	2.495	2.487	2.506	HH	172	1802	0.01%	0.000%
15	2.509	2.506	2.513	HH	184	612	0.00%	0.000%
16	2.516	2.513	2.526	HH	166	952	0.01%	0.000%
17	2.557	2.526	2.569	HH	334	4975	0.03%	0.001%
18	2.573	2.569	2.594	HH	307	3744	0.02%	0.000%
19	2.601	2.594	2.629	HH	367	5541	0.03%	0.001%
20	2.652	2.629	2.671	HH	522	9225	0.05%	0.001%
21	2.689	2.671	2.717	HH	625	11970	0.07%	0.001%
22	2.722	2.717	2.735	HH	497	4485	0.02%	0.000%
23	2.749	2.735	2.771	HH	715	10576	0.06%	0.001%
24	2.782	2.771	2.794	HH	475	5158	0.03%	0.001%
25	2.814	2.794	2.843	HH	1649	26552	0.15%	0.003%
26	2.848	2.843	2.888	HH	603	7748	0.04%	0.001%
27	2.940	2.888	2.953	HH	365	7914	0.04%	0.001%
28	2.968	2.953	2.977	HH	527	5420	0.03%	0.001%
29	2.993	2.977	3.001	HH	1678	16546	0.09%	0.002%
30	3.015	3.001	3.072	HH	3943	53877	0.30%	0.006%
31	3.092	3.072	3.098	HH	381	3738	0.02%	0.000%
32	3.119	3.098	3.129	HH	1180	13628	0.08%	0.001%
33	3.143	3.129	3.162	HH	2026	24110	0.13%	0.003%
34	3.177	3.162	3.189	HH	1859	21249	0.12%	0.002%
35	3.204	3.189	3.219	HH	2001	26961	0.15%	0.003%
36	3.232	3.219	3.246	HH	1851	21981	0.12%	0.002%

rteres.txt								
37	3.263	3.246	3.296	HH	5175	75260	0.42%	0.008%
38	3.331	3.296	3.357	HH	4361	88085	0.49%	0.009%
39	3.377	3.357	3.410	HH	8905	173829	0.96%	0.019%
40	3.442	3.410	3.468	HH	14414	215799	1.20%	0.023%
41	3.486	3.468	3.507	HH	5161	81309	0.45%	0.009%
42	3.525	3.507	3.549	HH	11977	138368	0.77%	0.015%
43	3.584	3.549	3.593	HH	8366	133816	0.74%	0.014%
44	3.603	3.593	3.624	HH	8952	111417	0.62%	0.012%
45	3.643	3.624	3.650	HH	5127	58206	0.32%	0.006%
46	3.665	3.650	3.669	HH	7002	66590	0.37%	0.007%
47	3.681	3.669	3.704	HH	9274	146783	0.81%	0.016%
48	3.721	3.704	3.733	HH	8954	131743	0.73%	0.014%
49	3.748	3.733	3.774	HH	10214	176512	0.98%	0.019%
50	3.789	3.774	3.801	HH	8170	96396	0.53%	0.010%
51	3.813	3.801	3.827	HH	6819	94167	0.52%	0.010%
52	3.862	3.827	3.882	HH	10522	288098	1.60%	0.031%
53	3.901	3.882	3.932	HH	15247	252397	1.40%	0.027%
54	3.968	3.932	3.988	HH	19269	309049	1.71%	0.033%
55	4.020	3.988	4.033	HH	14887	288536	1.60%	0.031%
56	4.066	4.033	4.104	HH	125454	1693372	9.38%	0.180%
57	4.121	4.104	4.162	HH	22119	442633	2.45%	0.047%
58	4.194	4.162	4.199	HH	10408	181032	1.00%	0.019%
59	4.219	4.199	4.230	HH	17542	273271	1.51%	0.029%
60	4.248	4.230	4.295	HH	31437	779501	4.32%	0.083%
61	4.314	4.295	4.342	HH	41089	660239	3.66%	0.070%
62	4.380	4.342	4.399	HH	22826	634972	3.52%	0.068%
63	4.419	4.399	4.426	HH	21469	290037	1.61%	0.031%
64	4.450	4.426	4.464	HH	26347	537346	2.98%	0.057%
65	4.473	4.464	4.489	HH	22784	294062	1.63%	0.031%
66	4.514	4.489	4.550	HH	35712	810698	4.49%	0.086%
67	4.583	4.550	4.597	HH	17083	389954	2.16%	0.042%
68	4.612	4.597	4.623	HH	18249	231675	1.28%	0.025%
69	4.636	4.623	4.647	HH	20064	244084	1.35%	0.026%
70	4.671	4.647	4.688	HH	26965	513826	2.85%	0.055%
71	4.697	4.688	4.713	HH	18642	238871	1.32%	0.025%
72	4.740	4.713	4.746	HH	24921	357671	1.98%	0.038%
73	4.760	4.746	4.772	HH	34931	450692	2.50%	0.048%
74	4.777	4.772	4.790	HH	26534	261715	1.45%	0.028%
75	4.807	4.790	4.830	HH	22882	445708	2.47%	0.047%
76	4.859	4.830	4.872	HH	24596	444956	2.46%	0.047%
77	4.885	4.872	4.899	HH	21233	322925	1.79%	0.034%
78	4.912	4.899	4.921	HH	20082	250423	1.39%	0.027%
79	4.926	4.921	4.938	HH	19538	193573	1.07%	0.021%
80	4.960	4.938	4.967	HH	21433	351855	1.95%	0.037%
81	4.980	4.967	4.988	HH	24206	281989	1.56%	0.030%
82	4.997	4.988	5.015	HH	24872	342741	1.90%	0.037%
83	5.031	5.015	5.047	HH	21169	357547	1.98%	0.038%
84	5.058	5.047	5.077	HH	16890	263741	1.46%	0.028%
85	5.100	5.077	5.121	HH	54031	791384	4.38%	0.084%
86	5.130	5.121	5.151	HH	18674	318932	1.77%	0.034%
87	5.163	5.151	5.191	HH	20453	402320	2.23%	0.043%
88	5.210	5.191	5.224	HH	18114	326374	1.81%	0.035%
89	5.256	5.224	5.277	HH	48279	838298	4.64%	0.089%

rteres.txt								
90	5.282	5.277	5.296	HH	20241	220593	1.22%	0.024%
91	5.315	5.296	5.326	HH	18304	312364	1.73%	0.033%
92	5.338	5.326	5.357	HH	19374	298203	1.65%	0.032%
93	5.377	5.357	5.391	HH	23867	376339	2.08%	0.040%
94	5.399	5.391	5.418	HH	19971	265227	1.47%	0.028%
95	5.437	5.418	5.464	HH	16787	388760	2.15%	0.041%
96	5.476	5.464	5.482	HH	14925	158627	0.88%	0.017%
97	5.494	5.482	5.517	HH	16632	270633	1.50%	0.029%
98	5.543	5.517	5.555	HH	16670	276100	1.53%	0.029%
99	5.561	5.555	5.570	HH	13998	125054	0.69%	0.013%
100	5.589	5.570	5.607	HH	16360	317588	1.76%	0.034%
101	5.615	5.607	5.627	HH	12475	141362	0.78%	0.015%
102	5.641	5.627	5.661	HH	13764	239839	1.33%	0.026%
103	5.678	5.661	5.697	HH	12989	257052	1.42%	0.027%
104	5.715	5.697	5.734	HH	14750	277690	1.54%	0.030%
105	5.783	5.734	5.791	HH	14681	424497	2.35%	0.045%
106	5.798	5.791	5.852	HH	14754	437485	2.42%	0.047%
107	5.873	5.852	5.892	HH	11920	247981	1.37%	0.026%
108	5.902	5.892	5.925	HH	8801	165244	0.92%	0.018%
109	5.949	5.925	5.968	HH	13626	277819	1.54%	0.030%
110	5.973	5.968	5.981	HH	9283	68967	0.38%	0.007%
111	5.995	5.981	6.010	HH	9980	168967	0.94%	0.018%
112	6.017	6.010	6.045	HH	9143	161788	0.90%	0.017%
113	6.072	6.045	6.121	HH	184190	2301482	12.75%	0.245%
114	6.135	6.121	6.142	HH	8182	104042	0.58%	0.011%
115	6.155	6.142	6.172	HH	8305	135548	0.75%	0.014%
116	6.186	6.172	6.198	HH	7431	105834	0.59%	0.011%
117	6.218	6.198	6.272	HH	13708	366039	2.03%	0.039%
118	6.284	6.272	6.294	HH	5968	74031	0.41%	0.008%
119	6.310	6.294	6.337	HH	6647	151411	0.84%	0.016%
120	6.356	6.337	6.371	HH	5966	112117	0.62%	0.012%
121	6.379	6.371	6.394	HH	5483	73356	0.41%	0.008%
122	6.407	6.394	6.423	HH	5361	87278	0.48%	0.009%
123	6.448	6.423	6.469	HH	5800	137781	0.76%	0.015%
124	6.473	6.469	6.489	HH	4790	52652	0.29%	0.006%
125	6.506	6.489	6.521	HH	5799	96416	0.53%	0.010%
126	6.542	6.521	6.557	HH	6469	118589	0.66%	0.013%
127	6.575	6.557	6.602	HH	6032	148394	0.82%	0.016%
128	6.619	6.602	6.640	HH	5520	119672	0.66%	0.013%
129	6.661	6.640	6.687	HH	5653	148878	0.82%	0.016%
130	6.698	6.687	6.735	HH	5385	134775	0.75%	0.014%
131	6.767	6.735	6.794	HH	9252	217589	1.21%	0.023%
132	6.801	6.794	6.810	HH	4906	45901	0.25%	0.005%
133	6.828	6.810	6.842	HH	5597	99243	0.55%	0.011%
134	6.856	6.842	6.877	HH	5946	115777	0.64%	0.012%
135	6.881	6.877	6.906	HH	5056	80166	0.44%	0.009%
136	6.932	6.906	6.957	HH	5114	145462	0.81%	0.016%
137	6.993	6.957	7.022	HH	5913	205510	1.14%	0.022%
138	7.041	7.022	7.052	HH	5518	94482	0.52%	0.010%
139	7.070	7.052	7.077	HH	5467	80184	0.44%	0.009%
140	7.106	7.077	7.132	HH	5802	183430	1.02%	0.020%
141	7.157	7.132	7.182	HH	6894	174357	0.97%	0.019%

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142	7.197	7.182	7.229	HH	5306	145087	0.80%	0.015%
143	7.253	7.229	7.283	HH	8186	205581	1.14%	0.022%
144	7.310	7.283	7.327	HH	6235	152817	0.85%	0.016%
145	7.342	7.327	7.355	HH	5832	94129	0.52%	0.010%
146	7.376	7.355	7.383	HH	6096	100588	0.56%	0.011%
147	7.399	7.383	7.411	HH	6998	108805	0.60%	0.012%
148	7.440	7.411	7.465	HH	7444	219568	1.22%	0.023%
149	7.490	7.465	7.494	HH	6489	106627	0.59%	0.011%
150	7.509	7.494	7.515	HH	6682	85675	0.47%	0.009%
151	7.531	7.515	7.539	HH	7212	99364	0.55%	0.011%
152	7.573	7.539	7.591	HH	8349	235318	1.30%	0.025%
153	7.603	7.591	7.619	HH	7543	121649	0.67%	0.013%
154	7.632	7.619	7.651	HH	8132	143136	0.79%	0.015%
155	7.674	7.651	7.694	HH	12043	233962	1.30%	0.025%
156	7.713	7.694	7.744	HH	8872	246532	1.37%	0.026%
157	7.757	7.744	7.772	HH	8076	130577	0.72%	0.014%
158	7.785	7.772	7.800	HH	8817	145704	0.81%	0.016%
159	7.855	7.800	7.903	HH	223775	3074606	17.03%	0.328%
160	7.925	7.903	7.973	HH	102908	1828790	10.13%	0.195%
161	7.987	7.973	8.052	HH	22539	755899	4.19%	0.081%
162	8.058	8.052	8.066	HH	12283	104590	0.58%	0.011%
163	8.091	8.066	8.109	HH	12850	313428	1.74%	0.033%
164	8.117	8.109	8.144	HH	11856	229619	1.27%	0.024%
165	8.174	8.144	8.186	HH	10453	254267	1.41%	0.027%
166	8.209	8.186	8.242	HH	13091	393316	2.18%	0.042%
167	8.279	8.242	8.306	HH	14992	487399	2.70%	0.052%
168	8.321	8.306	8.330	HH	12693	177079	0.98%	0.019%
169	8.348	8.330	8.368	HH	14863	324254	1.80%	0.035%
170	8.386	8.368	8.430	HH	17208	525145	2.91%	0.056%
171	8.449	8.430	8.472	HH	14045	321863	1.78%	0.034%
172	8.509	8.472	8.535	HH	14586	519088	2.87%	0.055%
173	8.574	8.535	8.597	HH	15763	532767	2.95%	0.057%
174	8.623	8.597	8.656	HH	14702	492953	2.73%	0.053%
175	8.676	8.656	8.722	HH	15451	579638	3.21%	0.062%
176	8.748	8.722	8.771	HH	15281	422534	2.34%	0.045%
177	8.788	8.771	8.800	HH	14540	249816	1.38%	0.027%
178	8.815	8.800	8.838	HH	15006	332616	1.84%	0.035%
179	8.857	8.838	8.880	HH	16487	391389	2.17%	0.042%
180	8.900	8.880	8.916	HH	15862	328029	1.82%	0.035%
181	8.948	8.916	8.975	HH	17165	573006	3.17%	0.061%
182	8.995	8.975	9.015	HH	17363	403418	2.23%	0.043%
183	9.032	9.015	9.057	HH	18392	440674	2.44%	0.047%
184	9.112	9.057	9.152	HH	21825	1081151	5.99%	0.115%
185	9.204	9.152	9.242	HH	20141	1021792	5.66%	0.109%
186	9.279	9.242	9.309	HH	20363	777892	4.31%	0.083%
187	9.331	9.309	9.335	HH	19328	295719	1.64%	0.032%
188	9.356	9.335	9.364	HH	21292	357898	1.98%	0.038%
189	9.396	9.364	9.419	HH	23273	727027	4.03%	0.077%
190	9.447	9.419	9.508	HH	239427	3707708	20.53%	0.395%
191	9.522	9.508	9.547	HH	23077	537829	2.98%	0.057%
192	9.570	9.547	9.585	HH	23899	515021	2.85%	0.055%
193	9.609	9.585	9.622	HH	25264	545418	3.02%	0.058%
194	9.628	9.622	9.649	HH	24088	376962	2.09%	0.040%

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195	9.669	9.649	9.692	HH	24383	597815	3.31%	0.064%
196	9.711	9.692	9.722	HH	23082	419042	2.32%	0.045%
197	9.786	9.722	9.801	HH	26768	1170122	6.48%	0.125%
198	9.832	9.801	9.859	HH	31739	1000966	5.54%	0.107%
199	9.883	9.859	9.891	HH	30696	546474	3.03%	0.058%
200	9.903	9.891	9.927	HH	30809	654778	3.63%	0.070%
201	9.958	9.927	9.999	HH	33388	1319231	7.31%	0.141%
202	10.051	9.999	10.056	HH	32293	1031225	5.71%	0.110%
203	10.084	10.056	10.092	HH	35416	731322	4.05%	0.078%
204	10.106	10.092	10.134	HH	36911	878216	4.86%	0.094%
205	10.163	10.134	10.191	HH	35500	1179616	6.53%	0.126%
206	10.249	10.191	10.272	HH	48661	1866738	10.34%	0.199%
207	10.287	10.272	10.302	HH	36397	624908	3.46%	0.067%
208	10.318	10.302	10.340	HH	36604	800947	4.44%	0.085%
209	10.387	10.340	10.417	HH	37961	1641956	9.09%	0.175%
210	10.436	10.417	10.442	HH	37920	566866	3.14%	0.060%
211	10.465	10.442	10.505	HH	44586	1573038	8.71%	0.168%
212	10.512	10.505	10.547	HH	40160	956913	5.30%	0.102%
213	10.569	10.547	10.616	HH	40338	1597461	8.85%	0.170%
214	10.636	10.616	10.661	HH	39936	1044424	5.78%	0.111%
215	10.679	10.661	10.686	HH	39634	598772	3.32%	0.064%
216	10.700	10.686	10.722	HH	40281	853742	4.73%	0.091%
217	10.747	10.722	10.772	HH	41434	1190957	6.60%	0.127%
218	10.793	10.772	10.807	HH	42461	886147	4.91%	0.094%
219	10.829	10.807	10.851	HH	46431	1156957	6.41%	0.123%
220	10.881	10.851	10.915	HH	250339	4286651	23.74%	0.457%
221	10.920	10.915	10.941	HH	48801	728101	4.03%	0.078%
222	10.969	10.941	10.996	HH	58159	1663032	9.21%	0.177%
223	11.019	10.996	11.060	HH	47424	1740733	9.64%	0.186%
224	11.080	11.060	11.109	HH	47025	1342262	7.43%	0.143%
225	11.147	11.109	11.154	HH	49418	1279678	7.09%	0.136%
226	11.163	11.154	11.192	HH	50605	1089657	6.03%	0.116%
227	11.209	11.192	11.220	HH	46838	800378	4.43%	0.085%
228	11.261	11.220	11.288	HH	51759	1988757	11.01%	0.212%
229	11.331	11.288	11.384	HH	58690	3106857	17.21%	0.331%
230	11.401	11.384	11.414	HH	54937	960131	5.32%	0.102%
231	11.429	11.414	11.447	HH	55697	1087972	6.03%	0.116%
232	11.456	11.447	11.489	HH	54497	1323537	7.33%	0.141%
233	11.527	11.489	11.537	HH	58496	1596334	8.84%	0.170%
234	11.540	11.537	11.562	HH	58144	844717	4.68%	0.090%
235	11.576	11.562	11.591	HH	55858	925460	5.13%	0.099%
236	11.610	11.591	11.621	HH	55577	998749	5.53%	0.106%
237	11.651	11.621	11.712	HH	60971	3051516	16.90%	0.325%
238	11.743	11.712	11.764	HH	61236	1795246	9.94%	0.191%
239	11.784	11.764	11.804	HH	61527	1458932	8.08%	0.155%
240	11.808	11.804	11.816	HH	59359	415467	2.30%	0.044%
241	11.831	11.816	11.848	HH	60519	1125761	6.23%	0.120%
242	11.852	11.848	11.867	HH	58294	676104	3.74%	0.072%
243	11.910	11.867	11.956	HH	65916	3224591	17.86%	0.344%
244	11.967	11.956	11.973	HH	59723	625212	3.46%	0.067%
245	11.984	11.973	11.990	HH	60747	616832	3.42%	0.066%
246	12.013	11.990	12.020	HH	64223	1111104	6.15%	0.118%

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247	12.034	12.020	12.050	HH	65127	1133702	6.28%	0.121%
248	12.065	12.050	12.078	HH	66311	1085555	6.01%	0.116%
249	12.097	12.078	12.109	HH	66344	1214126	6.72%	0.129%
250	12.136	12.109	12.153	HH	77422	1890870	10.47%	0.202%
251	12.186	12.153	12.233	HH	277980	5893431	32.64%	0.628%
252	12.262	12.233	12.339	HH	100539	4814090	26.66%	0.513%
253	12.374	12.339	12.397	HH	73403	2398189	13.28%	0.256%
254	12.404	12.397	12.424	HH	66248	1037250	5.74%	0.111%
255	12.460	12.424	12.477	HH	72135	2225906	12.33%	0.237%
256	12.491	12.477	12.508	HH	70924	1267957	7.02%	0.135%
257	12.514	12.508	12.522	HH	69427	582589	3.23%	0.062%
258	12.555	12.522	12.603	HH	118630	4221662	23.38%	0.450%
259	12.616	12.603	12.637	HH	75855	1524271	8.44%	0.162%
260	12.678	12.637	12.727	HH	82259	4218407	23.36%	0.450%
261	12.736	12.727	12.746	HH	77811	847805	4.70%	0.090%
262	12.750	12.746	12.767	HH	76775	957793	5.30%	0.102%
263	12.775	12.767	12.780	HH	76326	597109	3.31%	0.064%
264	12.805	12.780	12.810	HH	81828	1443311	7.99%	0.154%
265	12.832	12.810	12.850	HH	84659	1982359	10.98%	0.211%
266	12.884	12.850	12.912	HH	90970	3121247	17.29%	0.333%
267	12.932	12.912	12.953	HH	82245	1999896	11.08%	0.213%
268	12.970	12.953	12.974	HH	79966	994176	5.51%	0.106%
269	12.991	12.974	13.000	HH	81926	1243472	6.89%	0.133%
270	13.023	13.000	13.044	HH	91819	2290955	12.69%	0.244%
271	13.051	13.044	13.056	HH	86140	636497	3.53%	0.068%
272	13.065	13.056	13.087	HH	86608	1556060	8.62%	0.166%
273	13.101	13.087	13.112	HH	80716	1179020	6.53%	0.126%
274	13.136	13.112	13.147	HH	83378	1717642	9.51%	0.183%
275	13.172	13.147	13.199	HH	89559	2693342	14.92%	0.287%
276	13.205	13.199	13.216	HH	82193	835989	4.63%	0.089%
277	13.229	13.216	13.238	HH	82721	1086085	6.02%	0.116%
278	13.259	13.238	13.269	HH	84976	1546010	8.56%	0.165%
279	13.299	13.269	13.306	HH	96786	1994210	11.04%	0.213%
280	13.312	13.306	13.318	HH	94761	669819	3.71%	0.071%
281	13.323	13.318	13.326	HH	94989	500396	2.77%	0.053%
282	13.339	13.326	13.352	HH	101512	1495469	8.28%	0.159%
283	13.381	13.352	13.409	HH	284937	5659264	31.34%	0.603%
284	13.419	13.409	13.454	HH	97948	2558371	14.17%	0.273%
285	13.469	13.454	13.479	HH	94559	1358707	7.53%	0.145%
286	13.491	13.479	13.495	HH	92867	906275	5.02%	0.097%
287	13.504	13.495	13.552	HH	94304	3096214	17.15%	0.330%
288	13.614	13.552	13.646	HH	96517	5093077	28.21%	0.543%
289	13.670	13.646	13.677	HH	92044	1712670	9.49%	0.183%
290	13.682	13.677	13.689	HH	92643	630457	3.49%	0.067%
291	13.698	13.689	13.717	HH	91624	1546062	8.56%	0.165%
292	13.751	13.717	13.772	HH	101579	3165212	17.53%	0.337%
293	13.784	13.772	13.821	HH	95762	2728519	15.11%	0.291%
294	13.826	13.821	13.829	HH	92110	431888	2.39%	0.046%
295	13.856	13.829	13.893	HH	106756	3847582	21.31%	0.410%
296	13.899	13.893	13.909	HH	96324	910667	5.04%	0.097%
297	13.941	13.909	13.961	HH	109917	3188323	17.66%	0.340%
298	13.981	13.961	14.010	HH	112061	3153301	17.46%	0.336%
299	14.025	14.010	14.037	HH	104931	1704310	9.44%	0.182%

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300	14.047	14.037	14.062	HH	103537	1516488	8.40%	0.162%
301	14.081	14.062	14.099	HH	111753	2345410	12.99%	0.250%
302	14.128	14.099	14.142	HH	106918	2723199	15.08%	0.290%
303	14.181	14.142	14.214	HH	120247	4709964	26.09%	0.502%
304	14.278	14.214	14.316	HH	286539	8875299	49.16%	0.946%
305	14.321	14.316	14.325	HH	107567	573582	3.18%	0.061%
306	14.338	14.325	14.351	HH	107858	1665274	9.22%	0.177%
307	14.364	14.351	14.377	HH	105383	1668322	9.24%	0.178%
308	14.400	14.377	14.429	HH	107534	3210228	17.78%	0.342%
309	14.480	14.429	14.515	HH	318234	8753076	48.48%	0.933%
310	14.524	14.515	14.542	HH	114753	1879334	10.41%	0.200%
311	14.568	14.542	14.583	HH	117854	2755434	15.26%	0.294%
312	14.590	14.583	14.595	HH	112973	861604	4.77%	0.092%
313	14.614	14.595	14.637	HH	115584	2853670	15.80%	0.304%
314	14.645	14.637	14.652	HH	110688	1001017	5.54%	0.107%
315	14.659	14.652	14.665	HH	112764	834541	4.62%	0.089%
316	14.667	14.665	14.675	HH	112244	694579	3.85%	0.074%
317	14.681	14.675	14.699	HH	112463	1588360	8.80%	0.169%
318	14.705	14.699	14.719	HH	113190	1344167	7.44%	0.143%
319	14.738	14.719	14.750	HH	118614	2157335	11.95%	0.230%
320	14.754	14.750	14.764	HH	117129	935383	5.18%	0.100%
321	14.777	14.764	14.797	HH	117938	2330001	12.90%	0.248%
322	14.809	14.797	14.819	HH	116407	1483802	8.22%	0.158%
323	14.824	14.819	14.829	HH	115780	659495	3.65%	0.070%
324	14.838	14.829	14.844	HH	116627	1065609	5.90%	0.114%
325	14.873	14.844	14.939	HH	156594	7428465	41.14%	0.792%
326	14.947	14.939	14.954	HH	117781	1032481	5.72%	0.110%
327	14.961	14.954	14.969	HH	116270	1025693	5.68%	0.109%
328	15.011	14.969	15.034	HH	164483	5409735	29.96%	0.576%
329	15.045	15.034	15.069	HH	132335	2669002	14.78%	0.284%
330	15.075	15.069	15.081	HH	119735	849953	4.71%	0.091%
331	15.128	15.081	15.145	HH	131156	4840290	26.81%	0.516%
332	15.156	15.145	15.169	HH	122671	1741491	9.65%	0.186%
333	15.178	15.169	15.185	HH	123011	1155945	6.40%	0.123%
334	15.194	15.185	15.210	HH	123671	1812749	10.04%	0.193%
335	15.263	15.210	15.277	HH	129313	4996704	27.67%	0.532%
336	15.293	15.277	15.311	HH	131321	2628925	14.56%	0.280%
337	15.316	15.311	15.342	HH	130673	2419548	13.40%	0.258%
338	15.350	15.342	15.371	HH	125153	2093470	11.59%	0.223%
339	15.383	15.371	15.389	HH	127525	1363832	7.55%	0.145%
340	15.395	15.389	15.406	HH	127438	1332224	7.38%	0.142%
341	15.414	15.406	15.436	HH	128937	2218424	12.29%	0.236%
342	15.452	15.436	15.455	HH	129422	1481563	8.21%	0.158%
343	15.499	15.455	15.534	HH	346462	8960026	49.62%	0.955%
344	15.541	15.534	15.547	HH	131747	1046089	5.79%	0.111%
345	15.554	15.547	15.559	HH	132636	920738	5.10%	0.098%
346	15.566	15.559	15.597	HH	132551	2935885	16.26%	0.313%
347	15.606	15.597	15.611	HH	128897	1078127	5.97%	0.115%
348	15.614	15.611	15.637	HH	128583	2021221	11.19%	0.215%
349	15.644	15.637	15.648	HH	129565	850163	4.71%	0.091%
350	15.665	15.648	15.685	HH	136992	2921657	16.18%	0.311%
351	15.696	15.685	15.702	HH	134873	1390728	7.70%	0.148%

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352	15.721	15.702	15.733	HH	140378	2482683	13.75%	0.265%
353	15.754	15.733	15.760	HH	139315	2233937	12.37%	0.238%
354	15.767	15.760	15.773	HH	138454	1110094	6.15%	0.118%
355	15.809	15.773	15.851	HH	147424	6589735	36.50%	0.702%
356	15.890	15.851	15.916	HH	151262	5693965	31.54%	0.607%
357	15.919	15.916	15.931	HH	143698	1232868	6.83%	0.131%
358	15.936	15.931	15.941	HH	139773	826293	4.58%	0.088%
359	15.980	15.941	16.000	HH	187280	5661250	31.35%	0.603%
360	16.016	16.000	16.041	HH	163418	3802615	21.06%	0.405%
361	16.047	16.041	16.083	HH	156670	3813495	21.12%	0.406%
362	16.092	16.083	16.099	HH	149718	1452220	8.04%	0.155%
363	16.123	16.099	16.142	HH	163241	4052080	22.44%	0.432%
364	16.169	16.142	16.182	HH	153737	3629747	20.10%	0.387%
365	16.199	16.182	16.205	HH	150243	1989729	11.02%	0.212%
366	16.211	16.205	16.238	HH	150002	3012847	16.69%	0.321%
367	16.271	16.238	16.275	HH	154599	3299167	18.27%	0.352%
368	16.282	16.275	16.315	HH	155771	3630100	20.11%	0.387%
369	16.337	16.315	16.374	HH	164423	5576581	30.89%	0.594%
370	16.382	16.374	16.389	HH	151437	1324865	7.34%	0.141%
371	16.411	16.389	16.415	HH	172060	2610098	14.46%	0.278%
372	16.447	16.415	16.476	HH	402779	9381328	51.96%	1.000%
373	16.485	16.476	16.506	HH	173359	2961771	16.40%	0.316%
374	16.520	16.506	16.569	HH	165877	5929755	32.84%	0.632%
375	16.604	16.569	16.620	HH	159421	4839530	26.80%	0.516%
376	16.656	16.620	16.697	HH	169930	7419711	41.09%	0.791%
377	16.739	16.697	16.745	HH	163625	4596157	25.46%	0.490%
378	16.755	16.745	16.766	HH	164465	2058849	11.40%	0.219%
379	16.783	16.766	16.791	HH	162409	2409494	13.34%	0.257%
380	16.821	16.791	16.861	HH	183360	7140165	39.55%	0.761%
381	16.896	16.861	16.925	HH	254783	7443432	41.22%	0.793%
382	16.931	16.925	16.952	HH	166668	2669029	14.78%	0.284%
383	16.961	16.952	16.972	HH	166157	1970230	10.91%	0.210%
384	16.976	16.972	16.987	HH	164693	1472090	8.15%	0.157%
385	16.992	16.987	17.001	HH	164396	1301859	7.21%	0.139%
386	17.004	17.001	17.019	HH	162821	1766706	9.78%	0.188%
387	17.039	17.019	17.044	HH	165428	2426168	13.44%	0.259%
388	17.053	17.044	17.076	HH	166567	3185854	17.64%	0.340%
389	17.084	17.076	17.096	HH	161714	1851353	10.25%	0.197%
390	17.099	17.096	17.105	HH	158548	833068	4.61%	0.089%
391	17.110	17.105	17.121	HH	158464	1537237	8.51%	0.164%
392	17.130	17.121	17.139	HH	160732	1709607	9.47%	0.182%
393	17.152	17.139	17.169	HH	161705	2904920	16.09%	0.310%
394	17.179	17.169	17.183	HH	161150	1374687	7.61%	0.146%
395	17.207	17.183	17.223	HH	168566	3931415	21.77%	0.419%
396	17.236	17.223	17.255	HH	164818	3106308	17.20%	0.331%
397	17.276	17.255	17.289	HH	174498	3445234	19.08%	0.367%
398	17.332	17.289	17.396	HH	419038	14143957	78.34%	1.507%
399	17.435	17.396	17.509	HH	193312	11771960	65.20%	1.254%
400	17.513	17.509	17.522	HH	162009	1200896	6.65%	0.128%
401	17.538	17.522	17.568	HH	165426	4559792	25.25%	0.486%
402	17.628	17.568	17.650	HH	174970	8210923	45.48%	0.875%
403	17.698	17.650	17.727	HH	192802	8329543	46.13%	0.888%
404	17.753	17.727	17.780	HH	257041	6574048	36.41%	0.701%

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405	17.804	17.780	17.829	HH	199435	5466693	30.28%	0.583%
406	17.843	17.829	17.879	HH	178266	5022861	27.82%	0.535%
407	17.889	17.879	17.907	HH	164673	2808390	15.55%	0.299%
408	17.913	17.907	17.918	HH	160706	1061803	5.88%	0.113%
409	17.956	17.918	17.973	HH	169430	5456697	30.22%	0.581%
410	17.981	17.973	17.999	HH	164889	2438125	13.50%	0.260%
411	18.016	17.999	18.029	HH	169436	3053546	16.91%	0.325%
412	18.057	18.029	18.084	HH	177590	5649689	31.29%	0.602%
413	18.095	18.084	18.109	HH	165710	2451050	13.57%	0.261%
414	18.163	18.109	18.207	HH	388525	13252023	73.40%	1.412%
415	18.223	18.207	18.244	HH	183994	3945742	21.85%	0.420%
416	18.269	18.244	18.299	HH	188190	5824001	32.26%	0.621%
417	18.308	18.299	18.349	HH	175016	5095583	28.22%	0.543%
418	18.354	18.349	18.364	HH	166317	1542154	8.54%	0.164%
419	18.378	18.364	18.392	HH	168569	2778737	15.39%	0.296%
420	18.403	18.392	18.424	HH	173436	3267300	18.10%	0.348%
421	18.432	18.424	18.451	HH	170633	2758928	15.28%	0.294%
422	18.460	18.451	18.466	HH	171344	1518770	8.41%	0.162%
423	18.504	18.466	18.519	HH	197392	5822436	32.25%	0.620%
424	18.524	18.519	18.535	HH	193548	1858302	10.29%	0.198%
425	18.557	18.535	18.598	HH	218031	7184893	39.79%	0.766%
426	18.619	18.598	18.650	HH	170979	5232559	28.98%	0.558%
427	18.663	18.650	18.669	HH	165273	1872004	10.37%	0.199%
428	18.676	18.669	18.684	HH	164112	1437081	7.96%	0.153%
429	18.702	18.684	18.714	HH	167651	2974317	16.47%	0.317%
430	18.727	18.714	18.730	HH	167005	1623144	8.99%	0.173%
431	18.751	18.730	18.811	HH	178169	8293699	45.93%	0.884%
432	18.833	18.811	18.847	HH	169931	3603305	19.96%	0.384%
433	18.853	18.847	18.863	HH	167493	1554942	8.61%	0.166%
434	18.873	18.863	18.891	HH	165499	2829698	15.67%	0.302%
435	18.898	18.891	18.908	HH	164988	1573257	8.71%	0.168%
436	18.944	18.908	18.976	HH	340068	9479246	52.50%	1.010%
437	18.992	18.976	19.004	HH	170052	2761157	15.29%	0.294%
438	19.011	19.004	19.017	HH	169245	1378592	7.64%	0.147%
439	19.052	19.017	19.079	HH	174946	6303522	34.91%	0.672%
440	19.084	19.079	19.098	HH	164498	1875783	10.39%	0.200%
441	19.110	19.098	19.121	HH	167529	2238927	12.40%	0.239%
442	19.130	19.121	19.136	HH	165548	1485750	8.23%	0.158%
443	19.140	19.136	19.148	HH	165567	1220440	6.76%	0.130%
444	19.151	19.148	19.158	HH	164457	945804	5.24%	0.101%
445	19.164	19.158	19.184	HH	166306	2547032	14.11%	0.271%
446	19.199	19.184	19.204	HH	168306	1976483	10.95%	0.211%
447	19.226	19.204	19.237	HH	176932	3454550	19.13%	0.368%
448	19.244	19.237	19.252	HH	173154	1594422	8.83%	0.170%
449	19.257	19.252	19.282	HH	174152	3076632	17.04%	0.328%
450	19.318	19.282	19.384	HH	193101	10801470	59.82%	1.151%
451	19.392	19.384	19.404	HH	169900	2061049	11.41%	0.220%
452	19.410	19.404	19.418	HH	172497	1454463	8.06%	0.155%
453	19.443	19.418	19.483	HH	178049	6722566	37.23%	0.716%
454	19.505	19.483	19.523	HH	171883	4010410	22.21%	0.427%
455	19.555	19.523	19.577	HH	184629	5788776	32.06%	0.617%
456	19.595	19.577	19.609	HH	173831	3215247	17.81%	0.343%

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457	19.624	19.609	19.631	HH	180303	2314027	12.82%	0.247%
458	19.638	19.631	19.647	HH	178897	1727037	9.57%	0.184%
459	19.684	19.647	19.756	HH	320649	13767380	76.25%	1.467%
460	19.762	19.756	19.769	HH	174809	1394353	7.72%	0.149%
461	19.785	19.769	19.802	HH	179146	3459969	19.16%	0.369%
462	19.833	19.802	19.851	HH	211225	5769100	31.95%	0.615%
463	19.855	19.851	19.899	HH	184956	5134841	28.44%	0.547%
464	19.918	19.899	19.937	HH	180572	4095529	22.68%	0.436%
465	19.944	19.937	19.950	HH	178040	1358279	7.52%	0.145%
466	19.957	19.950	19.964	HH	178414	1442366	7.99%	0.154%
467	19.986	19.964	19.992	HH	179898	3065505	16.98%	0.327%
468	20.009	19.992	20.022	HH	183514	3194393	17.69%	0.340%
469	20.041	20.022	20.078	HH	186947	6122497	33.91%	0.652%
470	20.085	20.078	20.095	HH	180003	1888520	10.46%	0.201%
471	20.113	20.095	20.124	HH	185364	3159305	17.50%	0.337%
472	20.140	20.124	20.164	HH	185675	4385287	24.29%	0.467%
473	20.192	20.164	20.224	HH	188552	6634609	36.75%	0.707%
474	20.241	20.224	20.254	HH	187748	3336442	18.48%	0.356%
475	20.269	20.254	20.278	HH	190210	2655414	14.71%	0.283%
476	20.297	20.278	20.303	HH	191284	2837592	15.72%	0.302%
477	20.384	20.303	20.436	HH	335156	18055658	100.00%	1.924%
478	20.445	20.436	20.473	HH	187625	4126120	22.85%	0.440%
479	20.482	20.473	20.502	HH	183951	3148395	17.44%	0.336%
480	20.511	20.502	20.531	HH	182736	3138290	17.38%	0.334%
481	20.543	20.531	20.552	HH	180228	2270900	12.58%	0.242%
482	20.556	20.552	20.579	HH	180154	2833489	15.69%	0.302%
483	20.583	20.579	20.598	HH	176677	1997802	11.06%	0.213%
484	20.617	20.598	20.626	HH	177281	2987727	16.55%	0.318%
485	20.641	20.626	20.711	HH	180553	8924865	49.43%	0.951%
486	20.716	20.711	20.721	HH	174974	1052924	5.83%	0.112%
487	20.747	20.721	20.791	HH	180904	7316326	40.52%	0.780%
488	20.801	20.791	20.805	HH	167203	1453868	8.05%	0.155%
489	20.811	20.805	20.822	HH	167572	1704407	9.44%	0.182%
490	20.830	20.822	20.855	HH	169767	3311526	18.34%	0.353%
491	20.862	20.855	20.874	HH	168128	1891344	10.48%	0.202%
492	20.883	20.874	20.889	HH	167306	1463219	8.10%	0.156%
493	20.898	20.889	20.904	HH	168318	1549647	8.58%	0.165%
494	20.918	20.904	20.934	HH	167704	2998472	16.61%	0.320%
495	20.945	20.934	20.950	HH	168087	1564340	8.66%	0.167%
496	20.954	20.950	20.964	HH	168483	1437610	7.96%	0.153%
497	20.975	20.964	20.997	HH	167560	3228291	17.88%	0.344%
498	21.011	20.997	21.031	HH	166248	3352312	18.57%	0.357%
499	21.051	21.031	21.063	HH	162782	3064409	16.97%	0.327%
500	21.067	21.063	21.075	HH	160933	1226797	6.79%	0.131%
501	21.081	21.075	21.093	HH	158803	1624477	9.00%	0.173%
502	21.098	21.093	21.108	HH	159121	1462263	8.10%	0.156%
503	21.157	21.108	21.217	HH	266570	12560142	69.56%	1.338%
504	21.223	21.217	21.230	HH	154046	1135777	6.29%	0.121%
505	21.244	21.230	21.251	HH	153840	1916265	10.61%	0.204%

Sum of corrected areas: 938395620