

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080318\
 Data File : FF001657.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2018 13:51
 Sample : J4307-14
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID_F\Method\FF073018.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.065	2.032	2.091	BH	591	5497	0.11%	0.003%
2	2.096	2.091	2.108	PH	51	13	0.00%	0.000%
3	2.121	2.108	2.137	PH	72	455	0.01%	0.000%
4	2.144	2.137	2.151	PH	42	52	0.00%	0.000%
5	2.157	2.151	2.168	PH	14	-171	-0.00%	-0.000%
6	2.175	2.168	2.192	PH	58	-88	-0.00%	-0.000%
7	2.246	2.192	2.269	PH	163	2029	0.04%	0.001%
8	2.286	2.269	2.308	HH	464	4910	0.10%	0.002%
9	2.326	2.308	2.342	HH	476	5186	0.10%	0.002%
10	2.346	2.342	2.359	HH	242	1744	0.04%	0.001%
11	2.376	2.359	2.391	HH	553	5227	0.11%	0.002%
12	2.397	2.391	2.424	HH	199	2955	0.06%	0.001%
13	2.429	2.424	2.477	HH	208	3645	0.07%	0.002%
14	2.512	2.477	2.520	HH	470	6733	0.14%	0.003%
15	2.524	2.520	2.535	HH	465	3424	0.07%	0.002%
16	2.542	2.535	2.554	HH	413	4033	0.08%	0.002%
17	2.572	2.554	2.579	HH	518	6443	0.13%	0.003%
18	2.600	2.579	2.622	HH	1163	24032	0.49%	0.011%
19	2.632	2.622	2.647	HH	904	12128	0.24%	0.006%
20	2.661	2.647	2.682	HH	943	18289	0.37%	0.009%
21	2.701	2.682	2.737	HH	1106	31765	0.64%	0.015%
22	2.753	2.737	2.759	HH	1062	12791	0.26%	0.006%
23	2.814	2.759	2.859	HH	1888	85283	1.72%	0.040%
24	2.871	2.859	2.915	HH	1542	47215	0.95%	0.022%
25	2.918	2.915	2.927	HH	1223	8887	0.18%	0.004%
26	2.969	2.927	2.981	HH	1484	39911	0.81%	0.019%
27	2.994	2.981	3.033	HH	1423	42104	0.85%	0.020%
28	3.064	3.033	3.116	HH	1581	59566	1.20%	0.028%
29	3.122	3.116	3.138	HH	976	12121	0.24%	0.006%
30	3.156	3.138	3.191	HH	1842	39437	0.80%	0.018%
31	3.201	3.191	3.221	HH	1055	16929	0.34%	0.008%
32	3.238	3.221	3.257	HH	1172	22455	0.45%	0.010%
33	3.262	3.257	3.276	HH	1023	10028	0.20%	0.005%
34	3.289	3.276	3.304	HH	952	13512	0.27%	0.006%
35	3.319	3.304	3.341	HH	1220	21271	0.43%	0.010%
36	3.351	3.341	3.372	HH	1247	20039	0.40%	0.009%

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37	3.387	3.372	3.417	HH	1083	25913	0.52%	0.012%
38	3.437	3.417	3.471	HH	1594	35820	0.72%	0.017%
39	3.476	3.471	3.484	HH	903	6478	0.13%	0.003%
40	3.511	3.484	3.526	HH	1295	25441	0.51%	0.012%
41	3.544	3.526	3.572	HH	1036	24005	0.48%	0.011%
42	3.584	3.572	3.616	HH	995	19686	0.40%	0.009%
43	3.635	3.616	3.653	HH	1225	20563	0.42%	0.010%
44	3.659	3.653	3.682	HH	960	13552	0.27%	0.006%
45	3.700	3.682	3.713	HH	977	15032	0.30%	0.007%
46	3.723	3.713	3.732	HH	872	8692	0.18%	0.004%
47	3.754	3.732	3.871	HH	15537	472717	9.54%	0.220%
48	3.884	3.871	3.913	HH	2505	55248	1.12%	0.026%
49	3.920	3.913	3.949	HH	1918	36455	0.74%	0.017%
50	3.952	3.949	3.998	HH	1597	38625	0.78%	0.018%
51	4.008	3.998	4.052	HH	1159	33938	0.69%	0.016%
52	4.067	4.052	4.092	HH	1298	25497	0.51%	0.012%
53	4.100	4.092	4.106	HH	827	6591	0.13%	0.003%
54	4.122	4.106	4.143	HH	1445	23730	0.48%	0.011%
55	4.157	4.143	4.178	HH	931	16106	0.33%	0.008%
56	4.185	4.178	4.191	HH	780	5805	0.12%	0.003%
57	4.195	4.191	4.212	HH	775	8786	0.18%	0.004%
58	4.223	4.212	4.247	HH	869	15697	0.32%	0.007%
59	4.274	4.247	4.318	HH	2510	52963	1.07%	0.025%
60	4.322	4.318	4.327	HH	786	4345	0.09%	0.002%
61	4.333	4.327	4.360	HH	881	15626	0.32%	0.007%
62	4.373	4.360	4.416	HH	919	22477	0.45%	0.010%
63	4.420	4.416	4.462	HH	530	12036	0.24%	0.006%
64	4.497	4.462	4.530	HH	769	24180	0.49%	0.011%
65	4.533	4.530	4.559	HH	652	10298	0.21%	0.005%
66	4.577	4.559	4.623	HH	768	19175	0.39%	0.009%
67	4.627	4.623	4.638	HH	422	3322	0.07%	0.002%
68	4.659	4.638	4.681	HH	882	13582	0.27%	0.006%
69	4.714	4.681	4.745	HH	890	19095	0.39%	0.009%
70	4.752	4.745	4.759	HH	386	3014	0.06%	0.001%
71	4.760	4.759	4.766	HH	403	1437	0.03%	0.001%
72	4.770	4.766	4.777	HH	354	1791	0.04%	0.001%
73	4.807	4.777	4.831	HH	599	14182	0.29%	0.007%
74	4.859	4.831	4.891	HH	454	13339	0.27%	0.006%
75	4.895	4.891	4.902	HH	292	1762	0.04%	0.001%
76	4.915	4.902	4.958	HH	296	7220	0.15%	0.003%
77	4.985	4.958	5.036	HH	905	19971	0.40%	0.009%
78	5.043	5.036	5.065	HH	307	3611	0.07%	0.002%
79	5.070	5.065	5.086	HH	250	2156	0.04%	0.001%
80	5.096	5.086	5.112	HH	229	2498	0.05%	0.001%
81	5.122	5.112	5.134	HH	206	1597	0.03%	0.001%
82	5.153	5.134	5.177	HH	1620	20534	0.41%	0.010%
83	5.185	5.177	5.216	HH	302	4542	0.09%	0.002%
84	5.241	5.216	5.294	HH	500	12398	0.25%	0.006%
85	5.297	5.294	5.306	HH	237	1484	0.03%	0.001%
86	5.318	5.306	5.333	HH	301	3921	0.08%	0.002%
87	5.336	5.333	5.361	HH	284	2811	0.06%	0.001%
88	5.385	5.361	5.400	HH	222	3532	0.07%	0.002%
89	5.429	5.400	5.442	HH	427	7445	0.15%	0.003%

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90	5.443	5.442	5.471	HH	417	3721	0.08%	0.002%
91	5.476	5.471	5.488	HH	175	1724	0.03%	0.001%
92	5.505	5.488	5.529	HH	345	5297	0.11%	0.002%
93	5.537	5.529	5.559	HH	186	1866	0.04%	0.001%
94	5.596	5.559	5.621	HH	428	9209	0.19%	0.004%
95	5.628	5.621	5.632	HH	294	1539	0.03%	0.001%
96	5.652	5.632	5.666	HH	360	5241	0.11%	0.002%
97	5.695	5.666	5.739	HH	1601	38645	0.78%	0.018%
98	5.745	5.739	5.789	HH	622	14984	0.30%	0.007%
99	5.794	5.789	5.804	HH	455	3635	0.07%	0.002%
100	5.856	5.804	5.884	HH	1477	32575	0.66%	0.015%
101	5.888	5.884	5.905	HH	404	4133	0.08%	0.002%
102	5.926	5.905	5.964	HH	630	16057	0.32%	0.007%
103	5.985	5.964	5.989	HH	561	7046	0.14%	0.003%
104	6.023	5.989	6.039	HH	783	18463	0.37%	0.009%
105	6.046	6.039	6.051	HH	661	4294	0.09%	0.002%
106	6.081	6.051	6.092	HH	859	15100	0.30%	0.007%
107	6.097	6.092	6.101	HH	602	2918	0.06%	0.001%
108	6.127	6.101	6.209	HH	1241	36982	0.75%	0.017%
109	6.211	6.209	6.234	HH	360	3512	0.07%	0.002%
110	6.275	6.234	6.301	HH	907	18817	0.38%	0.009%
111	6.349	6.301	6.378	HH	1055	39194	0.79%	0.018%
112	6.399	6.378	6.419	HH	1036	22151	0.45%	0.010%
113	6.425	6.419	6.461	HH	763	16602	0.34%	0.008%
114	6.466	6.461	6.481	HH	533	5499	0.11%	0.003%
115	6.493	6.481	6.527	HH	601	12386	0.25%	0.006%
116	6.539	6.527	6.551	HH	344	3533	0.07%	0.002%
117	6.561	6.551	6.591	HH	313	5613	0.11%	0.003%
118	6.598	6.591	6.604	HH	225	1652	0.03%	0.001%
119	6.610	6.604	6.627	HH	217	2844	0.06%	0.001%
120	6.646	6.627	6.695	HH	412	13421	0.27%	0.006%
121	6.699	6.695	6.703	HH	267	885	0.02%	0.000%
122	6.706	6.703	6.710	HH	217	863	0.02%	0.000%
123	6.744	6.710	6.777	HH	1414	29500	0.60%	0.014%
124	6.780	6.777	6.801	HH	538	6312	0.13%	0.003%
125	6.823	6.801	6.849	HH	974	15500	0.31%	0.007%
126	6.873	6.849	6.907	HH	1522	25960	0.52%	0.012%
127	6.923	6.907	6.928	HH	531	5250	0.11%	0.002%
128	6.931	6.928	6.961	HH	424	6394	0.13%	0.003%
129	6.965	6.961	6.971	HH	212	1231	0.02%	0.001%
130	6.974	6.971	6.983	HH	299	1885	0.04%	0.001%
131	6.986	6.983	7.001	HH	268	2083	0.04%	0.001%
132	7.046	7.001	7.089	HH	1065	18424	0.37%	0.009%
133	7.092	7.089	7.098	HH	82	483	0.01%	0.000%
134	7.117	7.098	7.179	HH	752	20659	0.42%	0.010%
135	7.195	7.179	7.236	HH	416	9911	0.20%	0.005%
136	7.314	7.236	7.358	PH	614	11838	0.24%	0.006%
137	7.374	7.358	7.385	PH	73	213	0.00%	0.000%
138	7.403	7.385	7.428	PH	87	262	0.01%	0.000%
139	7.487	7.428	7.543	PH	896	24175	0.49%	0.011%
140	7.548	7.543	7.552	HH	88	313	0.01%	0.000%
141	7.555	7.552	7.563	HH	122	528	0.01%	0.000%

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142	7.619	7.563	7.640	HH	511	14532	0.29%	0.007%
143	7.654	7.640	7.697	HH	673	13039	0.26%	0.006%
144	7.732	7.697	7.786	HH	1103	25175	0.51%	0.012%
145	7.828	7.786	7.846	HH	2326	36545	0.74%	0.017%
146	7.857	7.846	7.874	HH	1392	19694	0.40%	0.009%
147	7.881	7.874	7.889	HH	938	8166	0.16%	0.004%
148	7.911	7.889	7.944	HH	2464	40438	0.82%	0.019%
149	7.970	7.944	7.996	HH	52405	615615	12.43%	0.287%
150	8.008	7.996	8.085	HH	8399	174363	3.52%	0.081%
151	8.096	8.085	8.125	HH	1055	19082	0.39%	0.009%
152	8.142	8.125	8.191	HH	749	16499	0.33%	0.008%
153	8.198	8.191	8.213	HH	115	1191	0.02%	0.001%
154	8.262	8.213	8.275	HH	488	9107	0.18%	0.004%
155	8.300	8.275	8.346	HH	6085	93815	1.89%	0.044%
156	8.358	8.346	8.372	HH	1129	15522	0.31%	0.007%
157	8.387	8.372	8.424	HH	1029	25261	0.51%	0.012%
158	8.445	8.424	8.479	HH	1160	19837	0.40%	0.009%
159	8.498	8.479	8.511	HH	450	5650	0.11%	0.003%
160	8.515	8.511	8.521	HH	273	1490	0.03%	0.001%
161	8.542	8.521	8.567	HH	1885	29303	0.59%	0.014%
162	8.587	8.567	8.608	HH	1586	29794	0.60%	0.014%
163	8.634	8.608	8.697	HH	2445	65332	1.32%	0.030%
164	8.729	8.697	8.747	HH	3334	57880	1.17%	0.027%
165	8.755	8.747	8.807	HH	1710	32652	0.66%	0.015%
166	8.810	8.807	8.817	HH	462	2493	0.05%	0.001%
167	8.822	8.817	8.842	HH	462	5017	0.10%	0.002%
168	8.865	8.842	8.887	HH	1685	25033	0.51%	0.012%
169	8.905	8.887	8.932	HH	1146	21601	0.44%	0.010%
170	8.955	8.932	8.971	HH	857	14801	0.30%	0.007%
171	9.004	8.971	9.013	HH	1666	29656	0.60%	0.014%
172	9.020	9.013	9.064	HH	1559	34234	0.69%	0.016%
173	9.091	9.064	9.131	HH	4114	92276	1.86%	0.043%
174	9.162	9.131	9.186	HH	2545	59672	1.20%	0.028%
175	9.205	9.186	9.211	HH	1884	26918	0.54%	0.013%
176	9.232	9.211	9.272	HH	3549	82793	1.67%	0.039%
177	9.289	9.272	9.314	HH	2302	43608	0.88%	0.020%
178	9.332	9.314	9.382	HH	1879	52504	1.06%	0.024%
179	9.410	9.382	9.444	HH	2766	65228	1.32%	0.030%
180	9.456	9.444	9.477	HH	1432	25945	0.52%	0.012%
181	9.507	9.477	9.547	HH	4985	106211	2.14%	0.050%
182	9.569	9.547	9.596	HH	1917	49938	1.01%	0.023%
183	9.599	9.596	9.622	HH	1716	23970	0.48%	0.011%
184	9.647	9.622	9.737	HH	5985	172377	3.48%	0.080%
185	9.742	9.737	9.751	HH	1062	8356	0.17%	0.004%
186	9.768	9.751	9.797	HH	1150	29764	0.60%	0.014%
187	9.824	9.797	9.836	HH	1549	29537	0.60%	0.014%
188	9.841	9.836	9.854	HH	1456	14918	0.30%	0.007%
189	9.886	9.854	9.910	HH	2263	60792	1.23%	0.028%
190	9.967	9.910	9.994	HH	3010	121794	2.46%	0.057%
191	10.007	9.994	10.053	HH	2649	72375	1.46%	0.034%
192	10.080	10.053	10.112	HH	3514	91634	1.85%	0.043%
193	10.134	10.112	10.143	HH	3582	57593	1.16%	0.027%
194	10.161	10.143	10.186	HH	4142	91384	1.84%	0.043%

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195	10.208	10.186	10.223	HH	4936	90664	1.83%	0.042%
196	10.242	10.223	10.257	HH	7532	119642	2.42%	0.056%
197	10.284	10.257	10.368	HH	8336	395960	7.99%	0.185%
198	10.381	10.368	10.398	HH	4159	67112	1.35%	0.031%
199	10.412	10.398	10.432	HH	3539	68602	1.38%	0.032%
200	10.475	10.432	10.534	HH	72135	1072603	21.65%	0.500%
201	10.557	10.534	10.598	HH	15986	315496	6.37%	0.147%
202	10.614	10.598	10.679	HH	4074	162028	3.27%	0.076%
203	10.693	10.679	10.721	HH	2856	64262	1.30%	0.030%
204	10.756	10.721	10.762	HH	2971	64040	1.29%	0.030%
205	10.797	10.762	10.858	HH	7240	262367	5.30%	0.122%
206	10.876	10.858	10.898	HH	3880	82417	1.66%	0.038%
207	10.911	10.898	10.921	HH	3079	40542	0.82%	0.019%
208	10.940	10.921	10.959	HH	5255	93153	1.88%	0.043%
209	10.971	10.959	10.980	HH	3693	44745	0.90%	0.021%
210	11.012	10.980	11.053	HH	6304	200069	4.04%	0.093%
211	11.079	11.053	11.099	HH	4665	109118	2.20%	0.051%
212	11.130	11.099	11.155	HH	5588	143363	2.89%	0.067%
213	11.182	11.155	11.222	HH	5983	169997	3.43%	0.079%
214	11.248	11.222	11.254	HH	4242	68368	1.38%	0.032%
215	11.278	11.254	11.294	HH	15096	226285	4.57%	0.106%
216	11.310	11.294	11.357	HH	17346	358091	7.23%	0.167%
217	11.387	11.357	11.408	HH	17532	312610	6.31%	0.146%
218	11.426	11.408	11.439	HH	12113	179605	3.63%	0.084%
219	11.456	11.439	11.515	HH	15467	367964	7.43%	0.172%
220	11.536	11.515	11.554	HH	3835	83260	1.68%	0.039%
221	11.573	11.554	11.587	HH	4609	83953	1.69%	0.039%
222	11.609	11.587	11.634	HH	7043	151967	3.07%	0.071%
223	11.672	11.634	11.727	HH	9355	346884	7.00%	0.162%
224	11.754	11.727	11.802	HH	10008	282986	5.71%	0.132%
225	11.808	11.802	11.855	HH	4715	134013	2.71%	0.062%
226	11.874	11.855	11.880	HH	5070	69330	1.40%	0.032%
227	11.894	11.880	11.927	HH	5397	133095	2.69%	0.062%
228	11.945	11.927	11.962	HH	4281	87502	1.77%	0.041%
229	11.999	11.962	12.008	HH	6039	140917	2.84%	0.066%
230	12.022	12.008	12.046	HH	6291	124261	2.51%	0.058%
231	12.068	12.046	12.117	HH	8142	260931	5.27%	0.122%
232	12.146	12.117	12.156	HH	11297	184283	3.72%	0.086%
233	12.173	12.156	12.193	HH	15891	273491	5.52%	0.128%
234	12.210	12.193	12.224	HH	10010	166563	3.36%	0.078%
235	12.241	12.224	12.261	HH	11553	214507	4.33%	0.100%
236	12.286	12.261	12.353	HH	146934	2133967	43.08%	0.995%
237	12.387	12.353	12.412	HH	6601	204540	4.13%	0.095%
238	12.438	12.412	12.443	HH	8663	133065	2.69%	0.062%
239	12.453	12.443	12.462	HH	9007	101642	2.05%	0.047%
240	12.477	12.462	12.496	HH	10979	187627	3.79%	0.087%
241	12.511	12.496	12.519	HH	7827	101418	2.05%	0.047%
242	12.533	12.519	12.553	HH	9047	168224	3.40%	0.078%
243	12.581	12.553	12.623	HH	129999	1841675	37.18%	0.859%
244	12.644	12.623	12.661	HH	17934	303107	6.12%	0.141%
245	12.678	12.661	12.714	HH	18692	384765	7.77%	0.179%
246	12.724	12.714	12.739	HH	7045	104345	2.11%	0.049%

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247	12.765	12.739	12.786	HH	10512	236715	4.78%	0.110%
248	12.807	12.786	12.831	HH	8586	206758	4.17%	0.096%
249	12.861	12.831	12.900	HH	15216	412028	8.32%	0.192%
250	12.920	12.900	12.942	HH	8775	187229	3.78%	0.087%
251	12.950	12.942	12.966	HH	6685	93584	1.89%	0.044%
252	12.989	12.966	13.022	HH	9784	275865	5.57%	0.129%
253	13.049	13.022	13.114	HH	14954	507977	10.26%	0.237%
254	13.179	13.114	13.222	HH	25120	800348	16.16%	0.373%
255	13.242	13.222	13.262	HH	9353	195128	3.94%	0.091%
256	13.286	13.262	13.303	HH	15316	279435	5.64%	0.130%
257	13.322	13.303	13.343	HH	17985	325957	6.58%	0.152%
258	13.354	13.343	13.376	HH	11171	193589	3.91%	0.090%
259	13.445	13.376	13.471	HH	21370	738505	14.91%	0.344%
260	13.491	13.471	13.566	HH	14963	566974	11.45%	0.264%
261	13.607	13.566	13.643	HH	9411	406159	8.20%	0.189%
262	13.660	13.643	13.676	HH	8463	165416	3.34%	0.077%
263	13.686	13.676	13.697	HH	7979	95946	1.94%	0.045%
264	13.706	13.697	13.726	HH	7706	130473	2.63%	0.061%
265	13.770	13.726	13.807	HH	8580	387189	7.82%	0.181%
266	13.838	13.807	13.860	HH	14109	363723	7.34%	0.170%
267	13.872	13.860	13.877	HH	11646	121648	2.46%	0.057%
268	13.888	13.877	13.909	HH	11703	219137	4.42%	0.102%
269	13.930	13.909	13.967	HH	18227	465759	9.40%	0.217%
270	14.003	13.967	14.032	HH	14359	463675	9.36%	0.216%
271	14.043	14.032	14.067	HH	11579	226552	4.57%	0.106%
272	14.095	14.067	14.122	HH	21282	498528	10.06%	0.232%
273	14.147	14.122	14.174	HH	27638	599068	12.09%	0.279%
274	14.179	14.174	14.187	HH	12966	98134	1.98%	0.046%
275	14.207	14.187	14.222	HH	16288	309660	6.25%	0.144%
276	14.239	14.222	14.291	HH	20952	622735	12.57%	0.290%
277	14.338	14.291	14.380	HH	160301	2710644	54.72%	1.264%
278	14.388	14.380	14.405	HH	10960	166723	3.37%	0.078%
279	14.426	14.405	14.437	HH	15348	251964	5.09%	0.117%
280	14.461	14.437	14.479	HH	84294	1193976	24.10%	0.557%
281	14.501	14.479	14.566	HH	125495	2406295	48.58%	1.122%
282	14.574	14.566	14.596	HH	12795	219580	4.43%	0.102%
283	14.622	14.596	14.641	HH	21913	459356	9.27%	0.214%
284	14.655	14.641	14.681	HH	16692	362347	7.32%	0.169%
285	14.706	14.681	14.717	HH	16799	337268	6.81%	0.157%
286	14.730	14.717	14.756	HH	18412	363577	7.34%	0.170%
287	14.784	14.756	14.799	HH	20689	451673	9.12%	0.211%
288	14.809	14.799	14.859	HH	18827	563298	11.37%	0.263%
289	14.877	14.859	14.889	HH	15067	252417	5.10%	0.118%
290	14.922	14.889	14.998	HH	76244	1992064	40.22%	0.929%
291	15.019	14.998	15.034	HH	14998	307856	6.22%	0.144%
292	15.070	15.034	15.090	HH	33569	791702	15.98%	0.369%
293	15.108	15.090	15.122	HH	28830	475255	9.59%	0.222%
294	15.138	15.122	15.161	HH	33129	607024	12.26%	0.283%
295	15.174	15.161	15.198	HH	21940	434491	8.77%	0.203%
296	15.221	15.198	15.236	HH	21358	436625	8.81%	0.204%
297	15.251	15.236	15.264	HH	20090	318107	6.42%	0.148%
298	15.306	15.264	15.348	HH	27337	1026045	20.71%	0.478%
299	15.371	15.348	15.389	HH	17308	410033	8.28%	0.191%

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300	15.404	15.389	15.426	HH	18151	377770	7.63%	0.176%
301	15.460	15.426	15.498	HH	17605	689140	13.91%	0.321%
302	15.557	15.498	15.585	HH	26104	955514	19.29%	0.446%
303	15.602	15.585	15.651	HH	18372	645077	13.02%	0.301%
304	15.672	15.651	15.679	HH	16422	264164	5.33%	0.123%
305	15.701	15.679	15.706	HH	17358	268923	5.43%	0.125%
306	15.732	15.706	15.763	HH	19055	616845	12.45%	0.288%
307	15.783	15.763	15.797	HH	19047	369042	7.45%	0.172%
308	15.829	15.797	15.872	HH	24424	937013	18.92%	0.437%
309	15.935	15.872	15.967	HH	42793	1468045	29.64%	0.685%
310	15.985	15.967	15.992	HH	22904	317099	6.40%	0.148%
311	16.021	15.992	16.078	HH	104883	2757143	55.66%	1.286%
312	16.096	16.078	16.129	HH	30541	761073	15.37%	0.355%
313	16.155	16.129	16.233	HH	33935	1497091	30.22%	0.698%
314	16.255	16.233	16.262	HH	20541	351902	7.10%	0.164%
315	16.276	16.262	16.282	HH	21158	249843	5.04%	0.116%
316	16.306	16.282	16.317	HH	28205	518732	10.47%	0.242%
317	16.340	16.317	16.375	HH	72927	1477528	29.83%	0.689%
318	16.402	16.375	16.476	HH	84823	2267622	45.78%	1.057%
319	16.506	16.476	16.529	HH	46953	1034365	20.88%	0.482%
320	16.547	16.529	16.563	HH	32046	583980	11.79%	0.272%
321	16.580	16.563	16.608	HH	36177	790821	15.97%	0.369%
322	16.646	16.608	16.691	HH	27012	1238289	25.00%	0.577%
323	16.710	16.691	16.734	HH	23380	587566	11.86%	0.274%
324	16.771	16.734	16.836	HH	29434	1622245	32.75%	0.756%
325	16.873	16.836	16.919	HH	74758	2145423	43.31%	1.000%
326	16.954	16.919	16.981	HH	45416	1296258	26.17%	0.604%
327	17.004	16.981	17.040	HH	30321	996073	20.11%	0.464%
328	17.062	17.040	17.082	HH	28251	694285	14.02%	0.324%
329	17.103	17.082	17.148	HH	28008	1054323	21.29%	0.492%
330	17.164	17.148	17.173	HH	25985	385325	7.78%	0.180%
331	17.190	17.173	17.214	HH	25957	630402	12.73%	0.294%
332	17.259	17.214	17.309	HH	27983	1535953	31.01%	0.716%
333	17.321	17.309	17.331	HH	27198	354636	7.16%	0.165%
334	17.391	17.331	17.430	HH	47855	2012488	40.63%	0.938%
335	17.446	17.430	17.454	HH	30176	426676	8.61%	0.199%
336	17.481	17.454	17.530	HH	43150	1657253	33.46%	0.773%
337	17.546	17.530	17.561	HH	33820	607378	12.26%	0.283%
338	17.590	17.561	17.638	HH	36854	1560199	31.50%	0.727%
339	17.686	17.638	17.710	HH	56075	1709030	34.50%	0.797%
340	17.752	17.710	17.764	HH	74102	1769495	35.72%	0.825%
341	17.778	17.764	17.796	HH	79363	1364811	27.55%	0.636%
342	17.815	17.796	17.848	HH	81185	1812730	36.60%	0.845%
343	17.864	17.848	17.884	HH	37948	785196	15.85%	0.366%
344	17.912	17.884	17.929	HH	46567	1124415	22.70%	0.524%
345	17.942	17.929	17.969	HH	43403	941479	19.01%	0.439%
346	17.982	17.969	18.002	HH	36999	721971	14.58%	0.337%
347	18.030	18.002	18.066	HH	69367	1844112	37.23%	0.860%
348	18.071	18.066	18.087	HH	36836	446092	9.01%	0.208%
349	18.109	18.087	18.118	HH	37817	685833	13.85%	0.320%
350	18.177	18.118	18.198	HH	54641	2102334	42.44%	0.980%
351	18.218	18.198	18.257	HH	54819	1626808	32.84%	0.759%

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352	18.279	18.257	18.286	HH	37167	639527	12.91%	0.298%
353	18.321	18.286	18.362	HH	72406	2298171	46.40%	1.072%
354	18.382	18.362	18.409	HH	47127	1217258	24.57%	0.568%
355	18.426	18.409	18.449	HH	38921	909004	18.35%	0.424%
356	18.479	18.449	18.484	HH	43516	863063	17.42%	0.402%
357	18.503	18.484	18.523	HH	44763	1038743	20.97%	0.484%
358	18.574	18.523	18.603	HH	94841	3338101	67.39%	1.556%
359	18.618	18.603	18.657	HH	66138	1860920	37.57%	0.868%
360	18.671	18.657	18.694	HH	49278	1055060	21.30%	0.492%
361	18.722	18.694	18.779	HH	51498	2399875	48.45%	1.119%
362	18.810	18.779	18.859	HH	49444	2205588	44.53%	1.028%
363	18.889	18.859	18.917	HH	48170	1584803	32.00%	0.739%
364	18.927	18.917	18.948	HH	45888	852020	17.20%	0.397%
365	19.003	18.948	19.021	HH	50597	2042274	41.23%	0.952%
366	19.044	19.021	19.073	HH	63177	1691810	34.16%	0.789%
367	19.113	19.073	19.141	HH	59005	2098011	42.36%	0.978%
368	19.160	19.141	19.166	HH	49881	746081	15.06%	0.348%
369	19.199	19.166	19.233	HH	62371	2196455	44.34%	1.024%
370	19.267	19.233	19.298	HH	64324	2188912	44.19%	1.021%
371	19.358	19.298	19.390	HH	68967	3451397	69.68%	1.609%
372	19.413	19.390	19.447	HH	67409	2054367	41.48%	0.958%
373	19.492	19.447	19.527	HH	59005	2643913	53.38%	1.233%
374	19.584	19.527	19.629	HH	72569	3825299	77.23%	1.784%
375	19.652	19.629	19.676	HH	63779	1750296	35.34%	0.816%
376	19.699	19.676	19.717	HH	65588	1565572	31.61%	0.730%
377	19.741	19.717	19.807	HH	63749	3318244	66.99%	1.547%
378	19.859	19.807	19.872	HH	64876	2375704	47.96%	1.108%
379	19.889	19.872	19.919	HH	66140	1804109	36.42%	0.841%
380	19.944	19.919	19.954	HH	61240	1274266	25.73%	0.594%
381	19.973	19.954	19.996	HH	61995	1539704	31.08%	0.718%
382	20.005	19.996	20.012	HH	61758	615520	12.43%	0.287%
383	20.031	20.012	20.038	HH	61962	957310	19.33%	0.446%
384	20.104	20.038	20.110	HH	68729	2801336	56.56%	1.306%
385	20.129	20.110	20.171	HH	69460	2470054	49.87%	1.152%
386	20.174	20.171	20.177	HH	65755	264928	5.35%	0.124%
387	20.228	20.177	20.280	HH	71852	4226164	85.32%	1.971%
388	20.332	20.280	20.337	HH	72406	2455334	49.57%	1.145%
389	20.394	20.337	20.407	HH	75362	3106786	62.72%	1.449%
390	20.430	20.407	20.477	HH	80382	3187153	64.34%	1.486%
391	20.481	20.477	20.499	HH	72749	951762	19.21%	0.444%
392	20.523	20.499	20.531	HH	72636	1375914	27.78%	0.642%
393	20.584	20.531	20.593	HH	76287	2787200	56.27%	1.300%
394	20.595	20.593	20.617	HH	76178	1112026	22.45%	0.519%
395	20.624	20.617	20.632	HH	76126	683555	13.80%	0.319%
396	20.647	20.632	20.697	HH	76290	2915787	58.87%	1.360%
397	20.753	20.697	20.792	HH	76447	4294844	86.71%	2.003%
398	20.828	20.792	20.871	HH	76734	3550754	71.69%	1.656%
399	20.900	20.871	20.907	HH	77357	1664603	33.61%	0.776%
400	20.935	20.907	21.000	HH	77980	4257894	85.96%	1.985%
401	21.014	21.000	21.065	HH	74531	2888742	58.32%	1.347%
402	21.119	21.065	21.176	HH	76674	4953252	100.00%	2.310%
403	21.206	21.176	21.217	HH	77087	1881252	37.98%	0.877%
404	21.219	21.217	21.231	HH	77082	636557	12.85%	0.297%

405 21.238 21.231 21.301 HHA rteres.txt 76810 3162666 63.85% 1.475%

Sum of corrected areas: 214465668

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