

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102618\
 Data File : FF002487.D
 Signal(s) : FID2B.ch
 Acq On : 26 Oct 2018 17:22
 Sample : J5654-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF101218.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.282	2.252	2.382	BH	194069	1359912	10.18%	0.183%
2	2.413	2.382	2.427	PH	-448	-16139	-0.12%	-0.002%
3	2.437	2.427	2.487	PH	1475	833	0.01%	0.000%
4	2.507	2.487	2.535	PH	771	-4453	-0.03%	-0.001%
5	2.553	2.535	2.591	PH	2989	17141	0.13%	0.002%
6	2.609	2.591	2.624	PH	141	-4105	-0.03%	-0.001%
7	2.639	2.624	2.666	PH	33	-7231	-0.05%	-0.001%
8	2.676	2.666	2.685	PH	-345	-4892	-0.04%	-0.001%
9	2.691	2.685	2.714	PH	-346	-7995	-0.06%	-0.001%
10	2.739	2.714	2.755	PH	4920	28993	0.22%	0.004%
11	2.760	2.755	2.777	PH	-160	-4917	-0.04%	-0.001%
12	2.784	2.777	2.789	PH	-555	-4161	-0.03%	-0.001%
13	2.795	2.789	2.804	PH	-628	-5853	-0.04%	-0.001%
14	2.828	2.804	2.865	PH	13382	134015	1.00%	0.018%
15	2.891	2.865	2.907	PH	148	-4316	-0.03%	-0.001%
16	2.934	2.907	2.974	PH	871	7748	0.06%	0.001%
17	3.007	2.974	3.034	PH	16448	128992	0.97%	0.017%
18	3.054	3.034	3.074	PH	13935	109635	0.82%	0.015%
19	3.085	3.074	3.107	PH	614	2183	0.02%	0.000%
20	3.127	3.107	3.144	PH	189	-2548	-0.02%	-0.000%
21	3.155	3.144	3.169	PH	-176	-3828	-0.03%	-0.001%
22	3.180	3.169	3.204	PH	3145	22909	0.17%	0.003%
23	3.217	3.204	3.236	PH	3640	26778	0.20%	0.004%
24	3.244	3.236	3.286	PH	474	-3245	-0.02%	-0.000%
25	3.307	3.286	3.339	PH	3220	20122	0.15%	0.003%
26	3.346	3.339	3.369	PH	-161	-6144	-0.05%	-0.001%
27	3.388	3.369	3.392	PH	-256	-5793	-0.04%	-0.001%
28	3.407	3.392	3.420	PH	927	4933	0.04%	0.001%
29	3.432	3.420	3.446	PH	126	456	0.00%	0.000%
30	3.456	3.446	3.474	PH	112	-443	-0.00%	-0.000%
31	3.486	3.474	3.539	PH	169	-4194	-0.03%	-0.001%
32	3.541	3.539	3.545	PH	-307	-1118	-0.01%	-0.000%
33	3.552	3.545	3.562	PH	-338	-3858	-0.03%	-0.001%
34	3.610	3.562	3.625	PH	7768	100345	0.75%	0.013%
35	3.631	3.625	3.665	HH	3422	34252	0.26%	0.005%
36	3.682	3.665	3.701	HH	1400	14395	0.11%	0.002%

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37	3.718	3.701	3.734	HH	3562	30250	0.23%	0.004%	
38	3.739	3.734	3.769	HH	469	3938	0.03%	0.001%	
39	3.802	3.769	3.814	PH	15470	128764	0.96%	0.017%	
40	3.822	3.814	3.841	HH	6710	51156	0.38%	0.007%	
41	3.855	3.841	3.866	PH	191	-637	-0.00%	-0.000%	
42	3.887	3.866	3.942	PH	8966	72666	0.54%	0.010%	
43	3.963	3.942	4.001	PH	133753	1107732	8.29%	0.149%	
44	4.009	4.001	4.020	HH	2005	18183	0.14%	0.002%	
45	4.027	4.020	4.051	HH	1190	13305	0.10%	0.002%	
46	4.076	4.051	4.101	HH	1719	16324	0.12%	0.002%	
47	4.143	4.101	4.166	PH	28574	259958	1.95%	0.035%	
48	4.172	4.166	4.193	HH	1165	12573	0.09%	0.002%	
49	4.205	4.193	4.218	HH	860	8307	0.06%	0.001%	
50	4.237	4.218	4.268	HH	3055	24171	0.18%	0.003%	
51	4.304	4.268	4.321	PH	1654	15538	0.12%	0.002%	
52	4.337	4.321	4.354	HH	1008	14424	0.11%	0.002%	
53	4.382	4.354	4.406	HH	279811	2555437	19.13%	0.343%	
54	4.422	4.406	4.440	HH	8141	78047	0.58%	0.010%	
55	4.453	4.440	4.462	HH	1711	16218	0.12%	0.002%	
56	4.482	4.462	4.507	HH	1677	29270	0.22%	0.004%	
57	4.526	4.507	4.567	HH	10751	110193	0.82%	0.015%	
58	4.585	4.567	4.606	HH	2274	30991	0.23%	0.004%	
59	4.615	4.606	4.625	HH	1165	11575	0.09%	0.002%	
60	4.635	4.625	4.652	HH	1405	13164	0.10%	0.002%	
61	4.667	4.652	4.682	PH	1308	12707	0.10%	0.002%	
62	4.689	4.682	4.694	HH	604	3403	0.03%	0.000%	
63	4.711	4.694	4.722	HH	2557	24714	0.19%	0.003%	
64	4.733	4.722	4.745	HH	2239	21324	0.16%	0.003%	
65	4.761	4.745	4.779	HH	4549	45145	0.34%	0.006%	
66	4.798	4.779	4.818	HH	3555	40129	0.30%	0.005%	
67	4.834	4.818	4.869	HH	4735	51041	0.38%	0.007%	
68	4.880	4.869	4.894	HH	368	2375	0.02%	0.000%	
69	4.917	4.894	4.957	PH	2175	41756	0.31%	0.006%	
70	4.970	4.957	4.983	HH	1448	13654	0.10%	0.002%	
71	4.992	4.983	5.002	HH	840	6663	0.05%	0.001%	
72	5.023	5.002	5.051	HH	4520	71334	0.53%	0.010%	
73	5.074	5.051	5.086	HH	2762	36022	0.27%	0.005%	
74	5.099	5.086	5.116	HH	8293	78930	0.59%	0.011%	
75	5.123	5.116	5.142	HH	1561	13916	0.10%	0.002%	
76	5.152	5.142	5.171	HH	381	2164	0.02%	0.000%	
77	5.188	5.171	5.202	PH	629	6335	0.05%	0.001%	
78	5.236	5.202	5.267	HH	3214	45165	0.34%	0.006%	
79	5.293	5.267	5.330	HH	1795	30641	0.23%	0.004%	
80	5.345	5.330	5.356	HH	392	4355	0.03%	0.001%	
81	5.371	5.356	5.392	HH	887	7569	0.06%	0.001%	
82	5.421	5.392	5.438	PH	10754	104506	0.78%	0.014%	
83	5.454	5.438	5.506	HH	5629	65168	0.49%	0.009%	
84	5.525	5.506	5.544	HH	446	5642	0.04%	0.001%	
85	5.555	5.544	5.567	HH	177	1570	0.01%	0.000%	
86	5.581	5.567	5.589	PH	752	6253	0.05%	0.001%	
87	5.607	5.589	5.625	HH	4100	47055	0.35%	0.006%	
88	5.634	5.625	5.659	HH	1240	22420	0.17%	0.003%	
89	5.672	5.659	5.683	HH	1205	14562	0.11%	0.002%	

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90	5.703	5.683	5.741	HH	4971	79377	0.59%	0.011%
91	5.756	5.741	5.777	HH	2315	26371	0.20%	0.004%
92	5.793	5.777	5.809	HH	2215	24595	0.18%	0.003%
93	5.830	5.809	5.840	HH	1185	18567	0.14%	0.002%
94	5.849	5.840	5.861	HH	1366	13762	0.10%	0.002%
95	5.874	5.861	5.897	HH	1896	22660	0.17%	0.003%
96	5.925	5.897	5.945	HH	2099	36106	0.27%	0.005%
97	5.968	5.945	5.994	HH	68000	653568	4.89%	0.088%
98	6.017	5.994	6.046	HH	3795	66308	0.50%	0.009%
99	6.063	6.046	6.085	HH	2249	33051	0.25%	0.004%
100	6.108	6.085	6.113	HH	5349	54833	0.41%	0.007%
101	6.120	6.113	6.137	HH	5340	55528	0.42%	0.007%
102	6.146	6.137	6.170	HH	1908	29158	0.22%	0.004%
103	6.187	6.170	6.195	HH	1727	21155	0.16%	0.003%
104	6.211	6.195	6.224	HH	2401	33663	0.25%	0.005%
105	6.244	6.224	6.259	HH	3457	55805	0.42%	0.007%
106	6.265	6.259	6.279	HH	2201	23683	0.18%	0.003%
107	6.286	6.279	6.303	HH	2027	25697	0.19%	0.003%
108	6.332	6.303	6.371	HH	2074	61579	0.46%	0.008%
109	6.403	6.371	6.456	HH	288012	2839854	21.26%	0.382%
110	6.463	6.456	6.468	HH	895	5947	0.04%	0.001%
111	6.493	6.468	6.500	HH	1389	21827	0.16%	0.003%
112	6.519	6.500	6.537	HH	6223	76182	0.57%	0.010%
113	6.551	6.537	6.571	HH	4925	61782	0.46%	0.008%
114	6.596	6.571	6.615	HH	3267	57561	0.43%	0.008%
115	6.623	6.615	6.635	HH	1530	16030	0.12%	0.002%
116	6.649	6.635	6.660	HH	1552	20034	0.15%	0.003%
117	6.680	6.660	6.698	HH	3241	49759	0.37%	0.007%
118	6.724	6.698	6.753	HH	2608	64821	0.49%	0.009%
119	6.760	6.753	6.771	HH	1514	15255	0.11%	0.002%
120	6.802	6.771	6.826	HH	4273	77042	0.58%	0.010%
121	6.839	6.826	6.852	HH	1674	23674	0.18%	0.003%
122	6.871	6.852	6.886	HH	3416	49866	0.37%	0.007%
123	6.902	6.886	6.910	HH	3591	44823	0.34%	0.006%
124	6.923	6.910	6.944	HH	3730	60710	0.45%	0.008%
125	6.962	6.944	6.989	HH	4848	80590	0.60%	0.011%
126	7.024	6.989	7.048	HH	31312	375415	2.81%	0.050%
127	7.067	7.048	7.087	HH	4325	79473	0.59%	0.011%
128	7.106	7.087	7.139	HH	7634	129089	0.97%	0.017%
129	7.159	7.139	7.183	HH	20346	228024	1.71%	0.031%
130	7.205	7.183	7.221	HH	3475	66615	0.50%	0.009%
131	7.227	7.221	7.239	HH	2638	27496	0.21%	0.004%
132	7.249	7.239	7.266	HH	2433	36178	0.27%	0.005%
133	7.326	7.266	7.354	HH	13635	269578	2.02%	0.036%
134	7.377	7.354	7.388	HH	3086	55193	0.41%	0.007%
135	7.400	7.388	7.432	HH	3094	76395	0.57%	0.010%
136	7.464	7.432	7.477	HH	3682	86698	0.65%	0.012%
137	7.499	7.477	7.533	HH	6320	139604	1.05%	0.019%
138	7.551	7.533	7.569	HH	3288	60803	0.46%	0.008%
139	7.617	7.569	7.629	HH	3807	105738	0.79%	0.014%
140	7.659	7.629	7.679	HH	4420	115496	0.86%	0.016%
141	7.692	7.679	7.699	HH	3409	38065	0.28%	0.005%

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142	7.710	7.699	7.718	HH	3516	38564	0.29%	0.005%	
143	7.747	7.718	7.769	HH	14273	249926	1.87%	0.034%	
144	7.779	7.769	7.794	HH	5271	74004	0.55%	0.010%	
145	7.803	7.794	7.825	HH	4897	77016	0.58%	0.010%	
146	7.846	7.825	7.866	HH	5317	100680	0.75%	0.014%	
147	7.903	7.866	7.919	HH	9523	196936	1.47%	0.026%	
148	7.935	7.919	7.942	HH	7432	93581	0.70%	0.013%	
149	7.946	7.942	7.978	HH	7392	120078	0.90%	0.016%	
150	8.017	7.978	8.054	HH	18895	408391	3.06%	0.055%	
151	8.080	8.054	8.094	HH	6335	132271	0.99%	0.018%	
152	8.121	8.094	8.136	HH	19737	288984	2.16%	0.039%	
153	8.148	8.136	8.166	HH	14991	193411	1.45%	0.026%	
154	8.198	8.166	8.224	HH	280067	3061612	22.92%	0.411%	
155	8.253	8.224	8.275	HH	91594	1023839	7.66%	0.138%	
156	8.303	8.275	8.329	HH	17395	370134	2.77%	0.050%	
157	8.359	8.329	8.377	HH	10644	214242	1.60%	0.029%	
158	8.394	8.377	8.408	HH	9103	146946	1.10%	0.020%	
159	8.418	8.408	8.435	HH	7470	108160	0.81%	0.015%	
160	8.444	8.435	8.458	HH	6563	82608	0.62%	0.011%	
161	8.462	8.458	8.469	HH	5599	34978	0.26%	0.005%	
162	8.488	8.469	8.513	HH	6605	147640	1.11%	0.020%	
163	8.523	8.513	8.530	HH	5062	48749	0.36%	0.007%	
164	8.552	8.530	8.576	HH	9780	206855	1.55%	0.028%	
165	8.600	8.576	8.622	HH	44188	565888	4.24%	0.076%	
166	8.648	8.622	8.681	HH	13666	358363	2.68%	0.048%	
167	8.693	8.681	8.704	HH	8181	109094	0.82%	0.015%	
168	8.733	8.704	8.756	HH	17932	373926	2.80%	0.050%	
169	8.761	8.756	8.772	HH	7027	65888	0.49%	0.009%	
170	8.787	8.772	8.802	HH	7955	131554	0.98%	0.018%	
171	8.816	8.802	8.822	HH	8418	93121	0.70%	0.013%	
172	8.841	8.822	8.854	HH	14277	213474	1.60%	0.029%	
173	8.872	8.854	8.897	HH	40546	517077	3.87%	0.069%	
174	8.916	8.897	8.929	HH	10492	171484	1.28%	0.023%	
175	8.940	8.929	8.947	HH	8890	95113	0.71%	0.013%	
176	8.963	8.947	8.978	HH	9734	161743	1.21%	0.022%	
177	9.017	8.978	9.037	HH	28537	535829	4.01%	0.072%	
178	9.050	9.037	9.086	HH	14595	290198	2.17%	0.039%	
179	9.106	9.086	9.131	HH	8584	200376	1.50%	0.027%	
180	9.167	9.131	9.183	HH	13837	291415	2.18%	0.039%	
181	9.198	9.183	9.232	HH	12487	269180	2.02%	0.036%	
182	9.249	9.232	9.265	HH	9624	164514	1.23%	0.022%	
183	9.280	9.265	9.286	HH	9356	106228	0.80%	0.014%	
184	9.303	9.286	9.326	HH	14945	263906	1.98%	0.035%	
185	9.343	9.326	9.362	HH	10548	201763	1.51%	0.027%	
186	9.384	9.362	9.429	HH	36660	684070	5.12%	0.092%	
187	9.437	9.429	9.443	HH	9267	74317	0.56%	0.010%	
188	9.465	9.443	9.495	HH	17206	406251	3.04%	0.055%	
189	9.506	9.495	9.515	HH	12109	136614	1.02%	0.018%	
190	9.535	9.515	9.553	HH	18483	322377	2.41%	0.043%	
191	9.563	9.553	9.575	HH	11831	148275	1.11%	0.020%	
192	9.594	9.575	9.611	HH	14394	268458	2.01%	0.036%	
193	9.626	9.611	9.654	HH	10985	262046	1.96%	0.035%	
194	9.669	9.654	9.686	HH	9984	180300	1.35%	0.024%	

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195	9.707	9.686	9.734	HH	21982	413902	3.10%	0.056%
196	9.757	9.734	9.771	HH	12385	264439	1.98%	0.036%
197	9.799	9.771	9.849	HH	284357	3557424	26.63%	0.478%
198	9.870	9.849	9.889	HH	12759	260584	1.95%	0.035%
199	9.904	9.889	9.932	HH	11324	254112	1.90%	0.034%
200	9.970	9.932	9.997	HH	12876	396244	2.97%	0.053%
201	10.009	9.997	10.021	HH	9374	130797	0.98%	0.018%
202	10.043	10.021	10.056	HH	9990	191624	1.43%	0.026%
203	10.071	10.056	10.089	HH	9855	185470	1.39%	0.025%
204	10.131	10.089	10.160	HH	16623	493514	3.69%	0.066%
205	10.187	10.160	10.210	HH	23350	489055	3.66%	0.066%
206	10.238	10.210	10.252	HH	17952	368629	2.76%	0.050%
207	10.268	10.252	10.294	HH	20403	406955	3.05%	0.055%
208	10.311	10.294	10.362	HH	16862	563594	4.22%	0.076%
209	10.384	10.362	10.413	HH	20305	473006	3.54%	0.064%
210	10.435	10.413	10.457	HH	40528	650544	4.87%	0.087%
211	10.467	10.457	10.500	HH	16450	375073	2.81%	0.050%
212	10.538	10.500	10.567	HH	34257	882833	6.61%	0.119%
213	10.591	10.567	10.601	HH	33899	574412	4.30%	0.077%
214	10.610	10.601	10.646	HH	32713	642974	4.81%	0.086%
215	10.658	10.646	10.674	HH	19218	285236	2.14%	0.038%
216	10.690	10.674	10.737	HH	19845	598542	4.48%	0.080%
217	10.756	10.737	10.764	HH	21089	284018	2.13%	0.038%
218	10.790	10.764	10.834	HH	348116	4229266	31.66%	0.568%
219	10.863	10.834	10.904	HH	89781	1529716	11.45%	0.206%
220	10.931	10.904	10.948	HH	16445	409056	3.06%	0.055%
221	10.964	10.948	10.982	HH	18497	334442	2.50%	0.045%
222	10.995	10.982	11.012	HH	15267	260814	1.95%	0.035%
223	11.031	11.012	11.055	HH	18942	414955	3.11%	0.056%
224	11.074	11.055	11.119	HH	40171	818599	6.13%	0.110%
225	11.151	11.119	11.164	HH	15301	378638	2.83%	0.051%
226	11.183	11.164	11.202	HH	16917	362317	2.71%	0.049%
227	11.243	11.202	11.271	HH	264954	3503854	26.23%	0.471%
228	11.298	11.271	11.304	HH	21310	380142	2.85%	0.051%
229	11.329	11.304	11.370	HH	30914	861579	6.45%	0.116%
230	11.395	11.370	11.420	HH	24951	610362	4.57%	0.082%
231	11.438	11.420	11.461	HH	23099	463811	3.47%	0.062%
232	11.482	11.461	11.519	HH	22490	652552	4.89%	0.088%
233	11.540	11.519	11.565	HH	19300	485857	3.64%	0.065%
234	11.592	11.565	11.607	HH	53119	821754	6.15%	0.110%
235	11.623	11.607	11.644	HH	69382	944066	7.07%	0.127%
236	11.655	11.644	11.669	HH	21387	295690	2.21%	0.040%
237	11.688	11.669	11.695	HH	36461	457894	3.43%	0.062%
238	11.706	11.695	11.723	HH	43263	574037	4.30%	0.077%
239	11.740	11.723	11.754	HH	40659	591399	4.43%	0.079%
240	11.772	11.754	11.800	HH	49055	872089	6.53%	0.117%
241	11.814	11.800	11.827	HH	18297	284238	2.13%	0.038%
242	11.852	11.827	11.871	HH	21588	490620	3.67%	0.066%
243	11.912	11.871	11.929	HH	35371	878245	6.57%	0.118%
244	11.947	11.929	11.971	HH	44957	752109	5.63%	0.101%
245	11.982	11.971	12.013	HH	21746	520988	3.90%	0.070%
246	12.024	12.013	12.034	HH	19366	236278	1.77%	0.032%

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247	12.063	12.034	12.087	HH	42865	884728	6.62%	0.119%
248	12.099	12.087	12.107	HH	20668	242471	1.82%	0.033%
249	12.125	12.107	12.139	HH	21096	388816	2.91%	0.052%
250	12.160	12.139	12.195	HH	52676	1002589	7.51%	0.135%
251	12.211	12.195	12.232	HH	24876	495667	3.71%	0.067%
252	12.247	12.232	12.253	HH	20696	256279	1.92%	0.034%
253	12.270	12.253	12.278	HH	21467	305335	2.29%	0.041%
254	12.315	12.278	12.329	HH	26583	728469	5.45%	0.098%
255	12.335	12.329	12.362	HH	24460	447787	3.35%	0.060%
256	12.383	12.362	12.397	HH	31887	568922	4.26%	0.076%
257	12.402	12.397	12.422	HH	27427	364855	2.73%	0.049%
258	12.441	12.422	12.471	HH	41602	864695	6.47%	0.116%
259	12.495	12.471	12.514	HH	45388	880334	6.59%	0.118%
260	12.555	12.514	12.583	HH	265583	3910822	29.28%	0.525%
261	12.612	12.583	12.651	HH	339787	4590384	34.37%	0.617%
262	12.668	12.651	12.688	HH	25817	525746	3.94%	0.071%
263	12.707	12.688	12.719	HH	24109	435481	3.26%	0.059%
264	12.745	12.719	12.756	HH	29452	580822	4.35%	0.078%
265	12.773	12.756	12.784	HH	33431	510606	3.82%	0.069%
266	12.798	12.784	12.806	HH	35413	449676	3.37%	0.060%
267	12.812	12.806	12.862	HH	35342	1009444	7.56%	0.136%
268	12.871	12.862	12.882	HH	26100	314552	2.35%	0.042%
269	12.911	12.882	12.935	HH	290238	3779214	28.29%	0.508%
270	12.965	12.935	12.980	HH	52079	1055238	7.90%	0.142%
271	12.996	12.980	13.029	HH	57481	1131413	8.47%	0.152%
272	13.049	13.029	13.063	HH	30124	579959	4.34%	0.078%
273	13.081	13.063	13.093	HH	38822	604581	4.53%	0.081%
274	13.105	13.093	13.132	HH	41350	802720	6.01%	0.108%
275	13.174	13.132	13.195	HH	56534	1422308	10.65%	0.191%
276	13.208	13.195	13.225	HH	33372	571521	4.28%	0.077%
277	13.246	13.225	13.269	HH	36597	858683	6.43%	0.115%
278	13.306	13.269	13.324	HH	42894	1146464	8.58%	0.154%
279	13.338	13.324	13.345	HH	32402	389291	2.91%	0.052%
280	13.368	13.345	13.436	HH	49188	1964771	14.71%	0.264%
281	13.498	13.436	13.531	HH	60935	2311894	17.31%	0.311%
282	13.565	13.531	13.579	HH	35576	959070	7.18%	0.129%
283	13.608	13.579	13.627	HH	48319	1162042	8.70%	0.156%
284	13.646	13.627	13.668	HH	56078	1095515	8.20%	0.147%
285	13.689	13.668	13.716	HH	40557	1056554	7.91%	0.142%
286	13.756	13.716	13.797	HH	252326	4684409	35.07%	0.629%
287	13.816	13.797	13.857	HH	53745	1520563	11.38%	0.204%
288	13.887	13.857	13.916	HH	39338	1296835	9.71%	0.174%
289	13.922	13.916	13.929	HH	36945	292226	2.19%	0.039%
290	13.956	13.929	13.974	HH	43324	1077175	8.06%	0.145%
291	13.984	13.974	14.015	HH	41091	977911	7.32%	0.131%
292	14.030	14.015	14.052	HH	39932	836842	6.27%	0.112%
293	14.056	14.052	14.069	HH	37327	378892	2.84%	0.051%
294	14.083	14.069	14.102	HH	37830	722649	5.41%	0.097%
295	14.143	14.102	14.160	HH	46101	1415680	10.60%	0.190%
296	14.189	14.160	14.203	HH	45250	1140772	8.54%	0.153%
297	14.233	14.203	14.266	HH	73487	1987484	14.88%	0.267%
298	14.278	14.266	14.296	HH	42623	734917	5.50%	0.099%
299	14.318	14.296	14.356	HH	53385	1657035	12.41%	0.223%

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300	14.414	14.356	14.456	HH	60157	2965106	22.20%	0.398%
301	14.478	14.456	14.500	HH	78626	1593886	11.93%	0.214%
302	14.537	14.500	14.560	HH	71705	2000857	14.98%	0.269%
303	14.579	14.560	14.584	HH	45709	652180	4.88%	0.088%
304	14.602	14.584	14.621	HH	49593	1036724	7.76%	0.139%
305	14.658	14.621	14.697	HH	249104	4843852	36.26%	0.651%
306	14.710	14.697	14.721	HH	47248	649037	4.86%	0.087%
307	14.741	14.721	14.762	HH	55535	1245577	9.33%	0.167%
308	14.791	14.762	14.812	HH	181049	3014777	22.57%	0.405%
309	14.833	14.812	14.845	HH	175334	2414981	18.08%	0.324%
310	14.862	14.845	14.898	HH	235479	4013227	30.05%	0.539%
311	14.904	14.898	14.910	HH	50198	371353	2.78%	0.050%
312	14.952	14.910	14.976	HH	68287	2215516	16.59%	0.298%
313	14.997	14.976	15.012	HH	52946	1149011	8.60%	0.154%
314	15.030	15.012	15.069	HH	57994	1783210	13.35%	0.240%
315	15.092	15.069	15.121	HH	62439	1760951	13.18%	0.237%
316	15.136	15.121	15.184	HH	60879	2139938	16.02%	0.287%
317	15.238	15.184	15.296	HH	136053	4745746	35.53%	0.638%
318	15.302	15.296	15.322	HH	55144	850931	6.37%	0.114%
319	15.338	15.322	15.352	HH	55081	943905	7.07%	0.127%
320	15.398	15.352	15.417	HH	76960	2554710	19.13%	0.343%
321	15.426	15.417	15.445	HH	64473	1058124	7.92%	0.142%
322	15.466	15.445	15.487	HH	87877	1855271	13.89%	0.249%
323	15.505	15.487	15.548	HH	70353	2231149	16.70%	0.300%
324	15.573	15.548	15.582	HH	61648	1220938	9.14%	0.164%
325	15.629	15.582	15.667	HH	73206	3399678	25.45%	0.457%
326	15.704	15.667	15.731	HH	68635	2452695	18.36%	0.330%
327	15.761	15.731	15.776	HH	66780	1720518	12.88%	0.231%
328	15.791	15.776	15.809	HH	69519	1325401	9.92%	0.178%
329	15.821	15.809	15.844	HH	70901	1413057	10.58%	0.190%
330	15.887	15.844	15.928	HH	250943	5783028	43.29%	0.777%
331	15.943	15.928	15.958	HH	68715	1237277	9.26%	0.166%
332	15.972	15.958	15.984	HH	67593	1003540	7.51%	0.135%
333	16.001	15.984	16.019	HH	68707	1413691	10.58%	0.190%
334	16.024	16.019	16.039	HH	66561	794822	5.95%	0.107%
335	16.076	16.039	16.098	HH	79885	2618621	19.60%	0.352%
336	16.104	16.098	16.121	HH	73923	981061	7.34%	0.132%
337	16.140	16.121	16.154	HH	77553	1470389	11.01%	0.198%
338	16.188	16.154	16.207	HH	80190	2456043	18.39%	0.330%
339	16.211	16.207	16.226	HH	77728	871097	6.52%	0.117%
340	16.255	16.226	16.304	HH	107075	4065595	30.44%	0.546%
341	16.357	16.304	16.375	HH	193670	5040027	37.73%	0.677%
342	16.379	16.375	16.409	HH	134345	2159005	16.16%	0.290%
343	16.412	16.409	16.422	HH	78447	605574	4.53%	0.081%
344	16.452	16.422	16.463	HH	83312	2010258	15.05%	0.270%
345	16.489	16.463	16.513	HH	112641	2904099	21.74%	0.390%
346	16.520	16.513	16.559	HH	89237	2396736	17.94%	0.322%
347	16.612	16.559	16.620	HH	92707	3224789	24.14%	0.433%
348	16.678	16.620	16.703	HH	159974	5475012	40.99%	0.736%
349	16.735	16.703	16.776	HH	188969	5103128	38.20%	0.686%
350	16.838	16.776	16.867	HH	292053	7809774	58.47%	1.049%
351	16.888	16.867	16.906	HH	115460	2474904	18.53%	0.332%

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352	16.910	16.906	16.937	HH	102546	1821034	13.63%	0.245%
353	16.976	16.937	17.013	HH	101767	4490327	33.62%	0.603%
354	17.019	17.013	17.026	HH	96835	740095	5.54%	0.099%
355	17.043	17.026	17.047	HH	98927	1244898	9.32%	0.167%
356	17.051	17.047	17.054	HH	98638	394992	2.96%	0.053%
357	17.058	17.054	17.061	HH	99377	390674	2.92%	0.052%
358	17.087	17.061	17.133	HH	106645	4500797	33.70%	0.605%
359	17.168	17.133	17.175	HH	105161	2618210	19.60%	0.352%
360	17.199	17.175	17.222	HH	135279	3358897	25.15%	0.451%
361	17.236	17.222	17.248	HH	111993	1706550	12.78%	0.229%
362	17.261	17.248	17.269	HH	115224	1410103	10.56%	0.189%
363	17.289	17.269	17.316	HH	130496	3306519	24.75%	0.444%
364	17.325	17.316	17.341	HH	111458	1618961	12.12%	0.218%
365	17.344	17.341	17.351	HH	106940	637887	4.78%	0.086%
366	17.365	17.351	17.377	HH	106848	1669961	12.50%	0.224%
367	17.403	17.377	17.429	HH	117488	3480144	26.05%	0.468%
368	17.434	17.429	17.449	HH	109366	1286750	9.63%	0.173%
369	17.459	17.449	17.477	HH	109116	1828800	13.69%	0.246%
370	17.501	17.477	17.513	HH	108296	2313975	17.32%	0.311%
371	17.519	17.513	17.539	HH	109122	1655567	12.39%	0.222%
372	17.556	17.539	17.573	HH	110711	2165595	16.21%	0.291%
373	17.582	17.573	17.604	HH	110106	2044606	15.31%	0.275%
374	17.627	17.604	17.639	HH	113490	2335550	17.49%	0.314%
375	17.653	17.639	17.675	HH	116596	2450916	18.35%	0.329%
376	17.729	17.675	17.766	HH	297930	8834459	66.14%	1.187%
377	17.819	17.766	17.827	HH	125252	4429080	33.16%	0.595%
378	17.834	17.827	17.844	HH	122761	1219832	9.13%	0.164%
379	17.876	17.844	17.899	HH	149505	4466917	33.44%	0.600%
380	17.933	17.899	17.990	HH	220115	8445696	63.23%	1.135%
381	18.017	17.990	18.038	HH	140565	3745155	28.04%	0.503%
382	18.085	18.038	18.104	HH	239639	6873534	51.46%	0.923%
383	18.110	18.104	18.132	HH	195247	3002170	22.48%	0.403%
384	18.151	18.132	18.180	HH	172646	4414259	33.05%	0.593%
385	18.191	18.180	18.214	HH	134031	2611049	19.55%	0.351%
386	18.247	18.214	18.266	HH	168780	4625286	34.63%	0.621%
387	18.277	18.266	18.314	HH	156527	4156900	31.12%	0.558%
388	18.322	18.314	18.337	HH	134001	1817983	13.61%	0.244%
389	18.365	18.337	18.394	HH	190957	5262863	39.40%	0.707%
390	18.400	18.394	18.406	HH	144734	1077284	8.07%	0.145%
391	18.409	18.406	18.426	HH	144127	1622042	12.14%	0.218%
392	18.453	18.426	18.475	HH	143661	4185242	31.33%	0.562%
393	18.496	18.475	18.513	HH	151860	3318684	24.85%	0.446%
394	18.565	18.513	18.609	HH	300807	10890069	81.53%	1.463%
395	18.621	18.609	18.636	HH	142225	2277513	17.05%	0.306%
396	18.671	18.636	18.701	HH	176830	6072245	45.46%	0.816%
397	18.718	18.701	18.747	HH	163160	4350743	32.57%	0.585%
398	18.772	18.747	18.821	HH	185479	7118143	53.29%	0.956%
399	18.842	18.821	18.861	HH	156163	3707500	27.76%	0.498%
400	18.918	18.861	18.944	HH	251021	9172734	68.67%	1.232%
401	18.963	18.944	18.996	HH	192851	5425073	40.61%	0.729%
402	19.004	18.996	19.024	HH	169319	2774795	20.77%	0.373%
403	19.043	19.024	19.053	HH	168257	2822965	21.13%	0.379%
404	19.069	19.053	19.080	HH	168868	2789794	20.89%	0.375%

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405	19.093	19.080	19.119	HH	171883	3777371	28.28%	0.507%
406	19.134	19.119	19.139	HH	161823	1977263	14.80%	0.266%
407	19.144	19.139	19.154	HH	161210	1438279	10.77%	0.193%
408	19.171	19.154	19.176	HH	163463	2103245	15.75%	0.283%
409	19.199	19.176	19.241	HH	179365	6608237	49.47%	0.888%
410	19.257	19.241	19.279	HH	167086	3783724	28.33%	0.508%
411	19.299	19.279	19.306	HH	164058	2581948	19.33%	0.347%
412	19.311	19.306	19.317	HH	163222	1070722	8.02%	0.144%
413	19.351	19.317	19.397	HH	310852	10313692	77.21%	1.386%
414	19.417	19.397	19.429	HH	181766	3465354	25.94%	0.466%
415	19.459	19.429	19.494	HH	186429	7008416	52.47%	0.942%
416	19.530	19.494	19.550	HH	205163	6218433	46.55%	0.835%
417	19.597	19.550	19.620	HH	198198	7962072	59.61%	1.070%
418	19.634	19.620	19.657	HH	192820	4156034	31.11%	0.558%
419	19.699	19.657	19.762	HH	216572	12295364	92.05%	1.652%
420	19.773	19.762	19.798	HH	190929	4010031	30.02%	0.539%
421	19.802	19.798	19.818	HH	184276	2224135	16.65%	0.299%
422	19.824	19.818	19.844	HH	181386	2786736	20.86%	0.374%
423	19.860	19.844	19.872	HH	189785	3108722	23.27%	0.418%
424	19.907	19.872	19.929	HH	215074	6795911	50.88%	0.913%
425	19.972	19.929	19.986	HH	203503	6690593	50.09%	0.899%
426	19.998	19.986	20.016	HH	206331	3726994	27.90%	0.501%
427	20.025	20.016	20.040	HH	202484	2880780	21.57%	0.387%
428	20.050	20.040	20.061	HH	202956	2538270	19.00%	0.341%
429	20.094	20.061	20.142	HH	319682	11388724	85.26%	1.530%
430	20.160	20.142	20.199	HH	208633	6934907	51.92%	0.932%
431	20.208	20.199	20.221	HH	203239	2593197	19.41%	0.348%
432	20.244	20.221	20.261	HH	212145	4991390	37.37%	0.671%
433	20.268	20.261	20.278	HH	210796	2108617	15.79%	0.283%
434	20.283	20.278	20.291	HH	210017	1639123	12.27%	0.220%
435	20.304	20.291	20.324	HH	211085	4164558	31.18%	0.559%
436	20.334	20.324	20.356	HH	209637	3910196	29.27%	0.525%
437	20.383	20.356	20.389	HH	206154	4076037	30.52%	0.548%
438	20.398	20.389	20.402	HH	205565	1592973	11.93%	0.214%
439	20.410	20.402	20.429	HH	208539	3407884	25.51%	0.458%
440	20.454	20.429	20.474	HH	217141	5676692	42.50%	0.763%
441	20.477	20.474	20.482	HH	212066	980833	7.34%	0.132%
442	20.491	20.482	20.495	HH	214898	1709803	12.80%	0.230%
443	20.503	20.495	20.525	HH	215235	3793623	28.40%	0.510%
444	20.551	20.525	20.571	HH	213344	5730755	42.90%	0.770%
445	20.575	20.571	20.581	HH	206490	1237935	9.27%	0.166%
446	20.582	20.581	20.598	HH	207199	2127913	15.93%	0.286%
447	20.603	20.598	20.651	HH	201035	6153485	46.07%	0.827%
448	20.668	20.651	20.680	HH	198053	3511974	26.29%	0.472%
449	20.687	20.680	20.698	HH	197648	2111150	15.81%	0.284%
450	20.706	20.698	20.716	HH	197655	2017790	15.11%	0.271%
451	20.738	20.716	20.752	HH	200257	4306160	32.24%	0.579%
452	20.759	20.752	20.767	HH	199861	1862675	13.94%	0.250%
453	20.776	20.767	20.784	HH	200051	1990502	14.90%	0.267%
454	20.838	20.784	20.883	HH	293829	13357346	100.00%	1.795%
455	20.887	20.883	20.902	HH	186992	2176980	16.30%	0.292%
456	20.908	20.902	20.918	HH	184901	1700746	12.73%	0.228%

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457	20.923	20.918	20.935	HH	183647	1882819	14.10%	0.253%
458	20.943	20.935	20.968	HH	183702	3550540	26.58%	0.477%
459	20.988	20.968	21.007	HH	185659	4262348	31.91%	0.573%
460	21.020	21.007	21.037	HH	189973	3365481	25.20%	0.452%
461	21.043	21.037	21.057	HH	188700	2330751	17.45%	0.313%
462	21.079	21.057	21.093	HH	191905	4081628	30.56%	0.548%
463	21.122	21.093	21.129	HH	195028	4111175	30.78%	0.552%
464	21.135	21.129	21.149	HH	194698	2298764	17.21%	0.309%
465	21.163	21.149	21.189	HH	193924	4537806	33.97%	0.610%
466	21.200	21.189	21.218	HH	193194	3373791	25.26%	0.453%
467	21.224	21.218	21.249	HH	190148	3418061	25.59%	0.459%
468	21.265	21.249	21.291	HH	188151	4653969	34.84%	0.625%
469	21.303	21.291	21.320	HH	185737	3192077	23.90%	0.429%
470	21.336	21.320	21.359	HH	183889	4250381	31.82%	0.571%
471	21.378	21.359	21.392	HH	183977	3660094	27.40%	0.492%
472	21.412	21.392	21.434	HH	182645	4417519	33.07%	0.593%
473	21.458	21.434	21.466	HH	182308	3466758	25.95%	0.466%
474	21.472	21.466	21.499	HH	181423	3511360	26.29%	0.472%
475	21.512	21.499	21.544	HH	177899	4781661	35.80%	0.642%
476	21.547	21.544	21.559	HH	171597	1559315	11.67%	0.209%
477	21.602	21.559	21.655	HH	178827	9882807	73.99%	1.328%
478	21.661	21.655	21.664	HH	166055	878087	6.57%	0.118%
479	21.686	21.664	21.713	HH	176082	5012182	37.52%	0.673%
480	21.756	21.713	21.809	HH	239440	11541034	86.40%	1.551%
481	21.817	21.809	21.831	HH	172402	2271485	17.01%	0.305%
			Sum of corrected areas:			744342242		

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