

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033667.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 14:18
 Sample : M2170-14 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE042221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.021	3.002	3.035	BH	198	683	0.01%	0.000%
2	3.054	3.035	3.084	PH	73	-2192	-0.02%	-0.000%
3	3.090	3.084	3.099	PH	-214	-2417	-0.02%	-0.000%
4	3.112	3.099	3.125	PH	942	5482	0.05%	0.001%
5	3.136	3.125	3.161	PH	517	-1515	-0.01%	-0.000%
6	3.163	3.161	3.167	PH	-403	-1769	-0.01%	-0.000%
7	3.183	3.167	3.196	PH	76	-5338	-0.04%	-0.001%
8	3.209	3.196	3.269	PH	680	-25036	-0.21%	-0.004%
9	3.275	3.269	3.287	PH	-969	-11902	-0.10%	-0.002%
10	3.303	3.287	3.331	PH	-143	-21880	-0.18%	-0.003%
11	3.339	3.331	3.399	PH	-1105	-52790	-0.44%	-0.008%
12	3.404	3.399	3.408	PH	-1397	-8197	-0.07%	-0.001%
13	3.423	3.408	3.455	PH	-957	-36990	-0.31%	-0.005%
14	3.465	3.455	3.500	PH	-1179	-39686	-0.33%	-0.006%
15	3.504	3.500	3.509	PH	-1684	-9409	-0.08%	-0.001%
16	3.530	3.509	3.557	PH	-1589	-47910	-0.40%	-0.007%
17	3.562	3.557	3.589	PH	-1632	-33882	-0.28%	-0.005%
18	3.609	3.589	3.636	PH	-1599	-49643	-0.41%	-0.007%
19	3.645	3.636	3.672	PH	-1858	-41186	-0.34%	-0.006%
20	3.712	3.672	3.752	PH	-627	-74587	-0.62%	-0.011%
21	3.765	3.752	3.770	PH	-1935	-21518	-0.18%	-0.003%
22	3.787	3.770	3.814	PH	-1261	-45196	-0.37%	-0.007%
23	3.824	3.814	3.841	PH	-1871	-32536	-0.27%	-0.005%
24	3.860	3.841	3.877	PH	-1883	-43821	-0.36%	-0.006%
25	3.911	3.877	3.949	PH	-1661	-82513	-0.68%	-0.012%
26	3.956	3.949	3.970	PH	-2066	-26812	-0.22%	-0.004%
27	3.996	3.970	4.049	PH	-1572	-99782	-0.83%	-0.014%
28	4.067	4.049	4.096	PH	17181	108286	0.90%	0.016%
29	4.111	4.096	4.147	PH	413	-34591	-0.29%	-0.005%
30	4.159	4.147	4.170	PH	-1609	-24323	-0.20%	-0.004%
31	4.174	4.170	4.193	PH	-1937	-28701	-0.24%	-0.004%
32	4.201	4.193	4.206	PH	-2176	-17470	-0.14%	-0.003%
33	4.233	4.206	4.259	PH	-517	-43796	-0.36%	-0.006%
34	4.273	4.259	4.300	PH	-691	-36784	-0.30%	-0.005%
35	4.309	4.300	4.322	PH	-2047	-27052	-0.22%	-0.004%
36	4.329	4.322	4.336	PH	-2110	-18450	-0.15%	-0.003%

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37	4.340	4.336	4.371	PH	-2143	-46751	-0.39%	-0.007%
38	4.387	4.371	4.392	PH	-2285	-29652	-0.25%	-0.004%
39	4.409	4.392	4.426	PH	-2138	-44743	-0.37%	-0.006%
40	4.443	4.426	4.454	PH	-2107	-36789	-0.30%	-0.005%
41	4.475	4.454	4.498	PH	-1230	-48957	-0.41%	-0.007%
42	4.519	4.498	4.534	PH	-1743	-43464	-0.36%	-0.006%
43	4.544	4.534	4.563	PH	-1977	-36729	-0.30%	-0.005%
44	4.572	4.563	4.603	PH	-1883	-49747	-0.41%	-0.007%
45	4.623	4.603	4.667	PH	-820	-67261	-0.56%	-0.010%
46	4.693	4.667	4.717	PH	-892	-49690	-0.41%	-0.007%
47	4.725	4.717	4.742	PH	-1925	-29492	-0.24%	-0.004%
48	4.759	4.742	4.772	PH	-1878	-37274	-0.31%	-0.005%
49	4.780	4.772	4.790	PH	-2018	-23238	-0.19%	-0.003%
50	4.809	4.790	4.837	PH	-900	-48299	-0.40%	-0.007%
51	4.849	4.837	4.873	PH	-1946	-46077	-0.38%	-0.007%
52	4.886	4.873	4.894	PH	-2091	-27180	-0.22%	-0.004%
53	4.898	4.894	4.912	PH	-2115	-23526	-0.19%	-0.003%
54	4.927	4.912	4.933	PH	-2028	-27137	-0.22%	-0.004%
55	4.935	4.933	4.940	PH	-2105	-8214	-0.07%	-0.001%
56	4.946	4.940	4.954	PH	-2103	-18840	-0.16%	-0.003%
57	4.957	4.954	4.964	PH	-2185	-13323	-0.11%	-0.002%
58	4.973	4.964	4.993	PH	-2082	-39221	-0.32%	-0.006%
59	5.038	4.993	5.057	PH	-1776	-77835	-0.64%	-0.011%
60	5.066	5.057	5.079	PH	-2060	-28190	-0.23%	-0.004%
61	5.093	5.079	5.126	PH	-1542	-53552	-0.44%	-0.008%
62	5.151	5.126	5.156	PH	-1907	-36392	-0.30%	-0.005%
63	5.162	5.156	5.178	PH	-1900	-27328	-0.23%	-0.004%
64	5.211	5.178	5.230	PH	-1466	-59483	-0.49%	-0.009%
65	5.245	5.230	5.263	PH	-1891	-40087	-0.33%	-0.006%
66	5.280	5.263	5.304	PH	-2081	-53524	-0.44%	-0.008%
67	5.326	5.304	5.350	PH	957	-31717	-0.26%	-0.005%
68	5.383	5.350	5.416	PH	-1521	-76722	-0.64%	-0.011%
69	5.420	5.416	5.426	PH	-2184	-13386	-0.11%	-0.002%
70	5.430	5.426	5.440	PH	-2177	-18852	-0.16%	-0.003%
71	5.460	5.440	5.483	PH	-1954	-55228	-0.46%	-0.008%
72	5.507	5.483	5.523	PH	-1268	-43213	-0.36%	-0.006%
73	5.536	5.523	5.549	PH	-1254	-23426	-0.19%	-0.003%
74	5.558	5.549	5.599	PH	-1344	-55311	-0.46%	-0.008%
75	5.617	5.599	5.656	PH	-1850	-69409	-0.57%	-0.010%
76	5.674	5.656	5.687	PH	-1870	-36929	-0.31%	-0.005%
77	5.701	5.687	5.710	PH	-1813	-26353	-0.22%	-0.004%
78	5.725	5.710	5.730	PH	-1677	-21063	-0.17%	-0.003%
79	5.736	5.730	5.752	PH	-1578	-22173	-0.18%	-0.003%
80	5.790	5.752	5.798	PH	-1602	-46122	-0.38%	-0.007%
81	5.813	5.798	5.831	PH	-1450	-32273	-0.27%	-0.005%
82	5.847	5.831	5.861	PH	-1668	-31622	-0.26%	-0.005%
83	5.876	5.861	5.891	PH	-1547	-29515	-0.24%	-0.004%
84	5.903	5.891	5.910	PH	-1551	-18662	-0.15%	-0.003%
85	5.913	5.910	5.928	PH	-1581	-18480	-0.15%	-0.003%
86	5.941	5.928	5.951	PH	-1468	-20813	-0.17%	-0.003%
87	5.960	5.951	5.982	PH	-1341	-30167	-0.25%	-0.004%
88	6.000	5.982	6.006	PH	-1398	-21800	-0.18%	-0.003%
89	6.012	6.006	6.026	PH	-1285	-17211	-0.14%	-0.002%

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90	6.061	6.026	6.091	PH	16003	129096	1.07%	0.019%
91	6.108	6.091	6.132	PH	-961	-31608	-0.26%	-0.005%
92	6.160	6.132	6.179	PH	-1413	-42387	-0.35%	-0.006%
93	6.202	6.179	6.227	PH	-451	-29270	-0.24%	-0.004%
94	6.233	6.227	6.256	PH	-1322	-24949	-0.21%	-0.004%
95	6.267	6.256	6.280	PH	-1332	-20960	-0.17%	-0.003%
96	6.334	6.280	6.367	PH	34	-51608	-0.43%	-0.007%
97	6.376	6.367	6.394	PH	-1196	-21015	-0.17%	-0.003%
98	6.404	6.394	6.424	PH	-1301	-24387	-0.20%	-0.004%
99	6.429	6.424	6.437	PH	-1039	-11144	-0.09%	-0.002%
100	6.446	6.437	6.459	PH	-1277	-17889	-0.15%	-0.003%
101	6.489	6.459	6.538	PH	191	-44665	-0.37%	-0.006%
102	6.559	6.538	6.576	PH	-978	-27833	-0.23%	-0.004%
103	6.636	6.576	6.656	PH	-895	-57981	-0.48%	-0.008%
104	6.661	6.656	6.667	PH	-1236	-9274	-0.08%	-0.001%
105	6.689	6.667	6.728	PH	-932	-44288	-0.37%	-0.006%
106	6.769	6.728	6.781	PH	-984	-38627	-0.32%	-0.006%
107	6.810	6.781	6.849	PH	-370	-36704	-0.30%	-0.005%
108	6.874	6.849	6.881	PH	-985	-20552	-0.17%	-0.003%
109	6.888	6.881	6.926	PH	-882	-26661	-0.22%	-0.004%
110	6.929	6.926	6.934	PH	-932	-4858	-0.04%	-0.001%
111	6.953	6.934	6.974	PH	1097	1813	0.02%	0.000%
112	6.989	6.974	7.037	PH	495	-5471	-0.05%	-0.001%
113	7.049	7.037	7.069	PH	-488	-11856	-0.10%	-0.002%
114	7.116	7.069	7.135	PH	5802	38176	0.32%	0.006%
115	7.140	7.135	7.156	PH	143	-1048	-0.01%	-0.000%
116	7.160	7.156	7.162	PH	-171	-778	-0.01%	-0.000%
117	7.167	7.162	7.180	PH	-158	-2952	-0.02%	-0.000%
118	7.191	7.180	7.225	PH	-242	-13439	-0.11%	-0.002%
119	7.251	7.225	7.270	PH	4836	35536	0.29%	0.005%
120	7.281	7.270	7.304	PH	212	-3184	-0.03%	-0.000%
121	7.313	7.304	7.333	PH	-304	-7350	-0.06%	-0.001%
122	7.339	7.333	7.349	PH	-532	-5664	-0.05%	-0.001%
123	7.365	7.349	7.371	PH	-373	-6489	-0.05%	-0.001%
124	7.375	7.371	7.389	PH	-471	-5537	-0.05%	-0.001%
125	7.412	7.389	7.446	PH	1855	8606	0.07%	0.001%
126	7.450	7.446	7.455	PH	-427	-2218	-0.02%	-0.000%
127	7.492	7.455	7.513	PH	277	-5722	-0.05%	-0.001%
128	7.525	7.513	7.530	PH	-175	-2566	-0.02%	-0.000%
129	7.546	7.530	7.560	PH	-19	-2799	-0.02%	-0.000%
130	7.587	7.560	7.613	PH	165	-3461	-0.03%	-0.001%
131	7.640	7.613	7.654	PH	-12	-4925	-0.04%	-0.001%
132	7.667	7.654	7.682	PH	-118	-3620	-0.03%	-0.001%
133	7.703	7.682	7.719	PH	230	-80	-0.00%	-0.000%
134	7.750	7.719	7.763	PH	381	2209	0.02%	0.000%
135	7.788	7.763	7.800	PH	363	3135	0.03%	0.000%
136	7.839	7.800	7.860	HH	3072	54174	0.45%	0.008%
137	7.866	7.860	7.882	HH	805	8094	0.07%	0.001%
138	7.896	7.882	7.915	HH	467	7171	0.06%	0.001%
139	7.943	7.915	7.950	HH	931	8296	0.07%	0.001%
140	7.970	7.950	7.983	HH	1391	18826	0.16%	0.003%
141	7.997	7.983	8.037	HH	1745	36820	0.30%	0.005%

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142	8.052	8.037	8.076	HH	1318	22727	0.19%	0.003%
143	8.106	8.076	8.138	HH	3522	72758	0.60%	0.011%
144	8.173	8.138	8.192	HH	2171	46167	0.38%	0.007%
145	8.214	8.192	8.229	HH	6637	77672	0.64%	0.011%
146	8.244	8.229	8.263	HH	6207	84931	0.70%	0.012%
147	8.282	8.263	8.315	HH	5588	96666	0.80%	0.014%
148	8.343	8.315	8.372	HH	12648	178907	1.48%	0.026%
149	8.399	8.372	8.434	HH	16088	238071	1.97%	0.035%
150	8.452	8.434	8.468	HH	1993	36032	0.30%	0.005%
151	8.488	8.468	8.516	HH	2720	54248	0.45%	0.008%
152	8.530	8.516	8.543	HH	1617	24976	0.21%	0.004%
153	8.573	8.543	8.606	HH	2637	75746	0.63%	0.011%
154	8.643	8.606	8.654	HH	4474	79143	0.66%	0.011%
155	8.671	8.654	8.679	HH	9559	101286	0.84%	0.015%
156	8.693	8.679	8.717	HH	23168	263905	2.18%	0.038%
157	8.738	8.717	8.792	HH	4743	148722	1.23%	0.022%
158	8.815	8.792	8.829	HH	4487	83979	0.70%	0.012%
159	8.842	8.829	8.866	HH	4256	77719	0.64%	0.011%
160	8.871	8.866	8.892	HH	3008	44609	0.37%	0.006%
161	8.934	8.892	8.949	HH	6389	139323	1.15%	0.020%
162	8.966	8.949	8.989	HH	13737	178616	1.48%	0.026%
163	9.016	8.989	9.045	HH	4617	132277	1.09%	0.019%
164	9.055	9.045	9.073	HH	3734	56990	0.47%	0.008%
165	9.104	9.073	9.123	HH	9340	157868	1.31%	0.023%
166	9.142	9.123	9.176	HH	5726	129963	1.08%	0.019%
167	9.199	9.176	9.219	HH	3780	88198	0.73%	0.013%
168	9.259	9.219	9.275	HH	5756	137489	1.14%	0.020%
169	9.291	9.275	9.326	HH	5457	129227	1.07%	0.019%
170	9.342	9.326	9.358	HH	4461	78268	0.65%	0.011%
171	9.395	9.358	9.412	HH	6298	154784	1.28%	0.022%
172	9.431	9.412	9.454	HH	8974	155142	1.28%	0.023%
173	9.478	9.454	9.514	HH	24571	385414	3.19%	0.056%
174	9.529	9.514	9.540	HH	6266	90203	0.75%	0.013%
175	9.558	9.540	9.586	HH	7695	173899	1.44%	0.025%
176	9.600	9.586	9.610	HH	6530	85225	0.71%	0.012%
177	9.629	9.610	9.648	HH	10109	177931	1.47%	0.026%
178	9.659	9.648	9.672	HH	6172	84247	0.70%	0.012%
179	9.690	9.672	9.728	HH	7957	207828	1.72%	0.030%
180	9.745	9.728	9.752	HH	5607	75469	0.62%	0.011%
181	9.757	9.752	9.775	HH	5617	73744	0.61%	0.011%
182	9.801	9.775	9.811	HH	11032	172804	1.43%	0.025%
183	9.820	9.811	9.863	HH	10723	254049	2.10%	0.037%
184	9.899	9.863	9.941	HH	12947	422338	3.50%	0.061%
185	9.964	9.941	10.023	HH	7247	325600	2.70%	0.047%
186	10.064	10.023	10.111	HH	6961	334075	2.77%	0.048%
187	10.138	10.111	10.143	HH	6714	120857	1.00%	0.018%
188	10.156	10.143	10.170	HH	6992	112026	0.93%	0.016%
189	10.181	10.170	10.204	HH	7062	137993	1.14%	0.020%
190	10.225	10.204	10.249	HH	8252	202851	1.68%	0.029%
191	10.273	10.249	10.295	HH	9968	228163	1.89%	0.033%
192	10.331	10.295	10.344	HH	10521	266364	2.20%	0.039%
193	10.361	10.344	10.386	HH	14496	276898	2.29%	0.040%
194	10.404	10.386	10.447	HH	12221	354967	2.94%	0.052%

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195	10.474	10.447	10.495	HH	15381	331196	2.74%	0.048%
196	10.506	10.495	10.511	HH	11038	103932	0.86%	0.015%
197	10.531	10.511	10.551	HH	22446	377649	3.13%	0.055%
198	10.559	10.551	10.569	HH	12273	132076	1.09%	0.019%
199	10.581	10.569	10.593	HH	12191	169070	1.40%	0.025%
200	10.622	10.593	10.636	HH	14828	331399	2.74%	0.048%
201	10.648	10.636	10.660	HH	13954	184630	1.53%	0.027%
202	10.686	10.660	10.719	HH	21975	574943	4.76%	0.083%
203	10.726	10.719	10.742	HH	12963	168607	1.40%	0.024%
204	10.751	10.742	10.767	HH	12511	188498	1.56%	0.027%
205	10.787	10.767	10.817	HH	15831	385540	3.19%	0.056%
206	10.849	10.817	10.859	HH	15173	318777	2.64%	0.046%
207	10.883	10.859	10.929	HH	214003	2684157	22.22%	0.390%
208	10.957	10.929	10.979	HH	58595	869994	7.20%	0.126%
209	10.985	10.979	11.026	HH	15224	372899	3.09%	0.054%
210	11.054	11.026	11.072	HH	12361	330318	2.73%	0.048%
211	11.101	11.072	11.115	HH	15762	347270	2.87%	0.050%
212	11.128	11.115	11.149	HH	15607	280129	2.32%	0.041%
213	11.170	11.149	11.214	HH	28678	663363	5.49%	0.096%
214	11.243	11.214	11.258	HH	13192	332255	2.75%	0.048%
215	11.288	11.258	11.304	HH	14614	387595	3.21%	0.056%
216	11.325	11.304	11.352	HH	17677	456675	3.78%	0.066%
217	11.413	11.352	11.452	HH	22117	997329	8.26%	0.145%
218	11.483	11.452	11.504	HH	17417	468042	3.87%	0.068%
219	11.535	11.504	11.553	HH	17962	464085	3.84%	0.067%
220	11.577	11.553	11.603	HH	19643	513460	4.25%	0.075%
221	11.614	11.603	11.619	HH	15853	148795	1.23%	0.022%
222	11.635	11.619	11.655	HH	17100	347779	2.88%	0.050%
223	11.686	11.655	11.701	HH	41362	722616	5.98%	0.105%
224	11.717	11.701	11.761	HH	51230	968255	8.01%	0.141%
225	11.802	11.761	11.818	HH	42914	999719	8.28%	0.145%
226	11.834	11.818	11.849	HH	36052	531003	4.40%	0.077%
227	11.865	11.849	11.894	HH	41651	755581	6.25%	0.110%
228	11.909	11.894	11.922	HH	17592	287529	2.38%	0.042%
229	11.947	11.922	11.962	HH	20274	462040	3.82%	0.067%
230	12.000	11.962	12.023	HH	23071	739869	6.12%	0.107%
231	12.044	12.023	12.064	HH	32454	616204	5.10%	0.089%
232	12.094	12.064	12.130	HH	23518	837252	6.93%	0.122%
233	12.155	12.130	12.179	HH	36552	769985	6.37%	0.112%
234	12.191	12.179	12.204	HH	21653	324201	2.68%	0.047%
235	12.258	12.204	12.292	HH	164040	3143764	26.02%	0.456%
236	12.304	12.292	12.326	HH	27451	523678	4.33%	0.076%
237	12.334	12.326	12.347	HH	24597	315604	2.61%	0.046%
238	12.362	12.347	12.377	HH	24405	415025	3.44%	0.060%
239	12.407	12.377	12.423	HH	27805	705467	5.84%	0.102%
240	12.431	12.423	12.447	HH	26229	371616	3.08%	0.054%
241	12.478	12.447	12.517	HH	29939	1098768	9.09%	0.159%
242	12.539	12.517	12.566	HH	34175	834859	6.91%	0.121%
243	12.589	12.566	12.609	HH	44303	893740	7.40%	0.130%
244	12.631	12.609	12.637	HH	34761	556647	4.61%	0.081%
245	12.644	12.637	12.676	HH	35012	717226	5.94%	0.104%
246	12.708	12.676	12.743	HH	296780	4204108	34.80%	0.610%

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247	12.766	12.743	12.787	HH	29014	720308	5.96%	0.105%
248	12.804	12.787	12.813	HH	27553	410976	3.40%	0.060%
249	12.839	12.813	12.850	HH	31534	654595	5.42%	0.095%
250	12.864	12.850	12.879	HH	34691	582902	4.82%	0.085%
251	12.891	12.879	12.904	HH	38673	552168	4.57%	0.080%
252	12.913	12.904	12.955	HH	35540	970336	8.03%	0.141%
253	12.959	12.955	12.977	HH	29547	382257	3.16%	0.055%
254	13.007	12.977	13.032	HH	276392	3713509	30.74%	0.539%
255	13.059	13.032	13.075	HH	55215	1080800	8.95%	0.157%
256	13.091	13.075	13.113	HH	53230	958996	7.94%	0.139%
257	13.126	13.113	13.158	HH	35878	907949	7.52%	0.132%
258	13.176	13.158	13.188	HH	39957	663229	5.49%	0.096%
259	13.205	13.188	13.230	HH	43691	957432	7.93%	0.139%
260	13.270	13.230	13.295	HH	66736	1797352	14.88%	0.261%
261	13.321	13.295	13.373	HH	58127	2090652	17.31%	0.303%
262	13.401	13.373	13.415	HH	45042	1003122	8.30%	0.146%
263	13.426	13.415	13.440	HH	40310	589377	4.88%	0.086%
264	13.487	13.440	13.547	HH	107470	3605957	29.85%	0.523%
265	13.593	13.547	13.630	HH	78447	2578046	21.34%	0.374%
266	13.636	13.630	13.639	HH	40532	213489	1.77%	0.031%
267	13.663	13.639	13.677	HH	43549	963620	7.98%	0.140%
268	13.702	13.677	13.723	HH	63329	1404423	11.62%	0.204%
269	13.741	13.723	13.762	HH	62997	1212779	10.04%	0.176%
270	13.781	13.762	13.808	HH	48242	1265472	10.47%	0.184%
271	13.872	13.808	13.890	HH	65216	2545001	21.07%	0.369%
272	13.912	13.890	13.945	HH	61651	1704984	14.11%	0.247%
273	13.951	13.945	13.957	HH	44110	320618	2.65%	0.047%
274	13.984	13.957	14.005	HH	50550	1347736	11.16%	0.196%
275	14.053	14.005	14.087	HH	51291	2376080	19.67%	0.345%
276	14.093	14.087	14.098	HH	47756	303869	2.52%	0.044%
277	14.104	14.098	14.111	HH	48384	380797	3.15%	0.055%
278	14.127	14.111	14.141	HH	48351	861951	7.13%	0.125%
279	14.145	14.141	14.162	HH	48308	603706	5.00%	0.088%
280	14.178	14.162	14.187	HH	48666	735791	6.09%	0.107%
281	14.230	14.187	14.252	HH	66752	2120737	17.55%	0.308%
282	14.278	14.252	14.289	HH	57350	1225143	10.14%	0.178%
283	14.330	14.289	14.366	HH	70133	2722785	22.54%	0.395%
284	14.373	14.366	14.380	HH	51931	411126	3.40%	0.060%
285	14.402	14.380	14.418	HH	58557	1295692	10.72%	0.188%
286	14.434	14.418	14.454	HH	58677	1219891	10.10%	0.177%
287	14.465	14.454	14.477	HH	55561	761520	6.30%	0.111%
288	14.509	14.477	14.529	HH	72618	1964909	16.26%	0.285%
289	14.543	14.529	14.549	HH	61316	726430	6.01%	0.105%
290	14.573	14.549	14.594	HH	89138	1957150	16.20%	0.284%
291	14.634	14.594	14.654	HH	76282	2359869	19.53%	0.343%
292	14.666	14.654	14.674	HH	59189	703383	5.82%	0.102%
293	14.694	14.674	14.711	HH	61737	1320264	10.93%	0.192%
294	14.739	14.711	14.813	HH	139417	4757922	39.38%	0.691%
295	14.839	14.813	14.855	HH	69344	1605098	13.29%	0.233%
296	14.887	14.855	14.908	HH	187987	3483869	28.84%	0.506%
297	14.928	14.908	14.959	HH	184381	3387892	28.04%	0.492%
298	14.980	14.959	15.004	HH	66621	1722873	14.26%	0.250%
299	15.048	15.004	15.073	HH	89755	2988723	24.74%	0.434%

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300	15.082	15.073	15.105	HH	68483	1273740	10.54%	0.185%
301	15.126	15.105	15.155	HH	74276	2053812	17.00%	0.298%
302	15.189	15.155	15.207	HH	78890	2227346	18.44%	0.323%
303	15.226	15.207	15.237	HH	76763	1380451	11.43%	0.200%
304	15.250	15.237	15.283	HH	74787	1958642	16.21%	0.284%
305	15.288	15.283	15.295	HH	68699	511380	4.23%	0.074%
306	15.326	15.295	15.364	HH	148304	4000744	33.12%	0.581%
307	15.374	15.364	15.389	HH	74281	1111462	9.20%	0.161%
308	15.397	15.389	15.426	HH	72930	1579290	13.07%	0.229%
309	15.434	15.426	15.439	HH	71815	556304	4.60%	0.081%
310	15.481	15.439	15.499	HH	87143	2866326	23.73%	0.416%
311	15.518	15.499	15.535	HH	80976	1695350	14.03%	0.246%
312	15.561	15.535	15.581	HH	106310	2435255	20.16%	0.353%
313	15.598	15.581	15.624	HH	89786	2140402	17.72%	0.311%
314	15.646	15.624	15.654	HH	80784	1407079	11.65%	0.204%
315	15.726	15.654	15.757	HH	94638	5285662	43.75%	0.767%
316	15.799	15.757	15.816	HH	87688	2957654	24.48%	0.429%
317	15.844	15.816	15.862	HH	85293	2278298	18.86%	0.331%
318	15.881	15.862	15.897	HH	88094	1819959	15.06%	0.264%
319	15.921	15.897	15.944	HH	93035	2497646	20.67%	0.363%
320	15.965	15.944	16.013	HH	90977	3651782	30.23%	0.530%
321	16.025	16.013	16.038	HH	86719	1271228	10.52%	0.185%
322	16.056	16.038	16.080	HH	92553	2211202	18.30%	0.321%
323	16.090	16.080	16.104	HH	87017	1268575	10.50%	0.184%
324	16.116	16.104	16.124	HH	86409	1010748	8.37%	0.147%
325	16.169	16.124	16.214	HH	96815	4944585	40.93%	0.718%
326	16.234	16.214	16.250	HH	97076	2065380	17.10%	0.300%
327	16.269	16.250	16.299	HH	100835	2796862	23.15%	0.406%
328	16.341	16.299	16.374	HH	130044	4861436	40.24%	0.706%
329	16.397	16.374	16.417	HH	108277	2717860	22.50%	0.395%
330	16.451	16.417	16.469	HH	226208	4779994	39.57%	0.694%
331	16.478	16.469	16.511	HH	146805	2948219	24.40%	0.428%
332	16.533	16.511	16.557	HH	106259	2780062	23.01%	0.404%
333	16.580	16.557	16.602	HH	123150	2936246	24.30%	0.426%
334	16.615	16.602	16.631	HH	105369	1844487	15.27%	0.268%
335	16.635	16.631	16.644	HH	102999	761683	6.30%	0.111%
336	16.664	16.644	16.671	HH	103287	1657293	13.72%	0.241%
337	16.677	16.671	16.686	HH	103681	918234	7.60%	0.133%
338	16.703	16.686	16.718	HH	106593	2017496	16.70%	0.293%
339	16.773	16.718	16.800	HH	183528	6333183	52.42%	0.919%
340	16.831	16.800	16.855	HH	207101	4687107	38.80%	0.680%
341	16.875	16.855	16.888	HH	113827	2255573	18.67%	0.327%
342	16.931	16.888	16.965	HH	138008	5575504	46.15%	0.809%
343	16.984	16.965	17.017	HH	114799	3484705	28.84%	0.506%
344	17.026	17.017	17.030	HH	109897	833072	6.90%	0.121%
345	17.040	17.030	17.046	HH	112369	1079101	8.93%	0.157%
346	17.072	17.046	17.078	HH	115354	2146341	17.77%	0.312%
347	17.081	17.078	17.109	HH	114917	2098607	17.37%	0.305%
348	17.142	17.109	17.148	HH	114059	2640202	21.85%	0.383%
349	17.152	17.148	17.155	HH	113831	475068	3.93%	0.069%
350	17.197	17.155	17.221	HH	121462	4675455	38.70%	0.679%
351	17.237	17.221	17.266	HH	119660	3140940	26.00%	0.456%

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352	17.288	17.266	17.309	HH	129347	3186080	26.37%	0.462%
353	17.333	17.309	17.343	HH	131620	2575585	21.32%	0.374%
354	17.367	17.343	17.400	HH	144796	4421795	36.60%	0.642%
355	17.416	17.400	17.436	HH	120937	2566897	21.25%	0.373%
356	17.448	17.436	17.467	HH	120462	2239771	18.54%	0.325%
357	17.489	17.467	17.524	HH	130390	4199092	34.76%	0.610%
358	17.542	17.524	17.565	HH	120091	2890855	23.93%	0.420%
359	17.584	17.565	17.599	HH	118621	2416598	20.00%	0.351%
360	17.604	17.599	17.624	HH	118425	1757374	14.55%	0.255%
361	17.629	17.624	17.636	HH	117507	823989	6.82%	0.120%
362	17.644	17.636	17.650	HH	117753	997326	8.26%	0.145%
363	17.674	17.650	17.691	HH	118439	2906738	24.06%	0.422%
364	17.716	17.691	17.727	HH	120025	2570504	21.28%	0.373%
365	17.748	17.727	17.754	HH	121373	1887953	15.63%	0.274%
366	17.759	17.754	17.763	HH	121765	662856	5.49%	0.096%
367	17.808	17.763	17.841	HH	143497	6034313	49.95%	0.876%
368	17.894	17.841	17.911	HH	129625	5272640	43.64%	0.765%
369	17.928	17.911	17.945	HH	128693	2564374	21.23%	0.372%
370	17.965	17.945	17.976	HH	138633	2484043	20.56%	0.361%
371	17.989	17.976	18.015	HH	137636	3120583	25.83%	0.453%
372	18.036	18.015	18.082	HH	135961	5272439	43.64%	0.765%
373	18.112	18.082	18.142	HH	141817	4753930	39.35%	0.690%
374	18.169	18.142	18.183	HH	156749	3552133	29.40%	0.516%
375	18.205	18.183	18.221	HH	191390	3818783	31.61%	0.554%
376	18.231	18.221	18.270	HH	165416	4362087	36.11%	0.633%
377	18.287	18.270	18.293	HH	133176	1747669	14.47%	0.254%
378	18.298	18.293	18.306	HH	132923	1095829	9.07%	0.159%
379	18.333	18.306	18.350	HH	156909	3743309	30.98%	0.543%
380	18.368	18.350	18.399	HH	146800	4060955	33.61%	0.589%
381	18.404	18.399	18.424	HH	131955	1949322	16.14%	0.283%
382	18.461	18.424	18.484	HH	192369	5452332	45.13%	0.791%
383	18.505	18.484	18.512	HH	134400	2256853	18.68%	0.328%
384	18.517	18.512	18.523	HH	134202	838329	6.94%	0.122%
385	18.537	18.523	18.558	HH	136549	2874792	23.80%	0.417%
386	18.590	18.558	18.608	HH	150881	4217316	34.91%	0.612%
387	18.637	18.608	18.665	HH	156962	4885124	40.44%	0.709%
388	18.670	18.665	18.676	HH	134575	902195	7.47%	0.131%
389	18.688	18.676	18.701	HH	137124	2055616	17.02%	0.298%
390	18.730	18.701	18.782	HH	158109	7094192	58.72%	1.030%
391	18.803	18.782	18.834	HH	145221	4364337	36.13%	0.634%
392	18.859	18.834	18.871	HH	140806	3057168	25.31%	0.444%
393	18.898	18.871	18.905	HH	145789	2945182	24.38%	0.428%
394	18.927	18.905	18.954	HH	160467	4390291	36.34%	0.637%
395	19.001	18.954	19.022	HH	184668	6473120	53.58%	0.940%
396	19.047	19.022	19.101	HH	184518	7840434	64.90%	1.138%
397	19.134	19.101	19.154	HH	159291	4918093	40.71%	0.714%
398	19.177	19.154	19.198	HH	163321	4082694	33.79%	0.593%
399	19.211	19.198	19.232	HH	151864	3081269	25.50%	0.447%
400	19.254	19.232	19.260	HH	148962	2442868	20.22%	0.355%
401	19.292	19.260	19.313	HH	157718	4926837	40.78%	0.715%
402	19.339	19.313	19.374	HH	161687	5585408	46.23%	0.811%
403	19.426	19.374	19.447	HH	162636	6863311	56.81%	0.996%
404	19.497	19.447	19.506	HH	162582	5568741	46.09%	0.808%

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405	19.536	19.506	19.571	HH	166942	6382020	52.83%	0.926%
406	19.588	19.571	19.596	HH	167329	2506558	20.75%	0.364%
407	19.619	19.596	19.646	HH	181389	5082682	42.07%	0.738%
408	19.684	19.646	19.721	HH	177670	7533466	62.36%	1.094%
409	19.729	19.721	19.735	HH	164363	1438523	11.91%	0.209%
410	19.742	19.735	19.749	HH	165141	1348139	11.16%	0.196%
411	19.785	19.749	19.849	HH	309035	12081134	100.00%	1.754%
412	19.869	19.849	19.874	HH	170054	2466061	20.41%	0.358%
413	19.902	19.874	19.922	HH	176541	4976659	41.19%	0.722%
414	19.955	19.922	19.959	HH	177305	3865096	31.99%	0.561%
415	19.997	19.959	20.025	HH	202480	7473659	61.86%	1.085%
416	20.063	20.025	20.093	HH	190780	7480331	61.92%	1.086%
417	20.136	20.093	20.143	HH	189525	5643728	46.72%	0.819%
418	20.161	20.143	20.186	HH	195434	4862934	40.25%	0.706%
419	20.194	20.186	20.203	HH	183421	1850143	15.31%	0.269%
420	20.207	20.203	20.215	HH	182788	1334258	11.04%	0.194%
421	20.221	20.215	20.231	HH	181976	1731901	14.34%	0.251%
422	20.245	20.231	20.249	HH	183285	2010713	16.64%	0.292%
423	20.267	20.249	20.275	HH	185186	2854043	23.62%	0.414%
424	20.307	20.275	20.313	HH	189684	4193490	34.71%	0.609%
425	20.318	20.313	20.324	HH	189006	1321945	10.94%	0.192%
426	20.333	20.324	20.337	HH	190075	1498248	12.40%	0.217%
427	20.346	20.337	20.350	HH	190397	1434607	11.87%	0.208%
428	20.372	20.350	20.407	HH	197039	6555892	54.27%	0.952%
429	20.414	20.407	20.427	HH	190262	2335954	19.34%	0.339%
430	20.434	20.427	20.454	HH	190453	3026588	25.05%	0.439%
431	20.481	20.454	20.496	HH	189350	4800036	39.73%	0.697%
432	20.523	20.496	20.581	HH	195019	9534444	78.92%	1.384%
433	20.586	20.581	20.598	HH	179994	1794225	14.85%	0.260%
434	20.607	20.598	20.612	HH	178303	1536354	12.72%	0.223%
435	20.617	20.612	20.620	HH	178211	768123	6.36%	0.111%
436	20.649	20.620	20.677	HH	181910	6192904	51.26%	0.899%
437	20.692	20.677	20.725	HH	182353	5253867	43.49%	0.763%
438	20.760	20.725	20.765	HH	183008	4346692	35.98%	0.631%
439	20.772	20.765	20.779	HH	183387	1572278	13.01%	0.228%
440	20.784	20.779	20.848	HH	183008	7340725	60.76%	1.066%
441	20.852	20.848	20.860	HH	174522	1215194	10.06%	0.176%
442	20.917	20.860	20.940	HH	185943	8629262	71.43%	1.253%
443	20.946	20.940	20.952	HH	182814	1368445	11.33%	0.199%
444	20.957	20.952	20.962	HH	182744	1133403	9.38%	0.165%
445	20.968	20.962	20.977	HH	182434	1618024	13.39%	0.235%
446	20.984	20.977	20.989	HH	181411	1283870	10.63%	0.186%
447	20.996	20.989	21.008	HH	182295	2028432	16.79%	0.294%
448	21.012	21.008	21.080	HH	181870	7623150	63.10%	1.107%
449	21.085	21.080	21.105	HH	169446	2489937	20.61%	0.361%
450	21.128	21.105	21.169	HH	169458	6474680	53.59%	0.940%
451	21.186	21.169	21.191	HH	167469	2208448	18.28%	0.321%
452	21.196	21.191	21.202	HH	167709	1168356	9.67%	0.170%
453	21.283	21.202	21.290	HH	177018	9017122	74.64%	1.309%
454	21.313	21.290	21.322	HH	179279	3511131	29.06%	0.510%
455	21.329	21.322	21.336	HH	178043	1404804	11.63%	0.204%
456	21.348	21.336	21.352	HH	177758	1748334	14.47%	0.254%

						rteres		
457	21.358	21.352	21.387	HH	178035	3732486	30.90%	0.542%
458	21.412	21.387	21.479	HH	179191	9641304	79.80%	1.399%
459	21.484	21.479	21.545	HH	170343	6608744	54.70%	0.959%
460	21.578	21.545	21.594	HH	167088	4868575	40.30%	0.707%
461	21.599	21.594	21.606	HH	164574	1178622	9.76%	0.171%
462	21.620	21.606	21.651	HH	164922	4376460	36.23%	0.635%
463	21.663	21.651	21.669	HH	161555	1761246	14.58%	0.256%
464	21.675	21.669	21.688	HH	161707	1795262	14.86%	0.261%
465	21.718	21.688	21.765	HH	167815	7548866	62.48%	1.096%
466	21.800	21.765	21.819	HH	165907	5224793	43.25%	0.758%
467	21.851	21.819	21.887	HH	170261	6872429	56.89%	0.998%
468	21.898	21.887	21.921	HHA	165389	3361717	27.83%	0.488%
					Sum of corrected areas:		688917475	

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