

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033664.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 12:36
 Sample : M2170-08 5X
 Misc :
 ALS Vial : 6 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	3.023	3.002	3.032	BH	185	688	0.01%	0.000%
2	3.038	3.032	3.041	PH	7	-307	-0.00%	-0.000%
3	3.044	3.041	3.048	PH	-32	-273	-0.00%	-0.000%
4	3.056	3.048	3.098	PH	72	-5595	-0.05%	-0.001%
5	3.112	3.098	3.123	PH	500	492	0.00%	0.000%
6	3.136	3.123	3.167	PH	1358	1980	0.02%	0.000%
7	3.183	3.167	3.199	PH	1809	6452	0.06%	0.001%
8	3.209	3.199	3.234	PH	-15	-12982	-0.12%	-0.002%
9	3.252	3.234	3.268	PH	-843	-19822	-0.18%	-0.003%
10	3.277	3.268	3.288	PH	-960	-13361	-0.12%	-0.002%
11	3.303	3.288	3.345	PH	-579	-39602	-0.36%	-0.007%
12	3.351	3.345	3.359	PH	-1459	-13149	-0.12%	-0.002%
13	3.364	3.359	3.368	PH	-1489	-7937	-0.07%	-0.001%
14	3.373	3.368	3.383	PH	-1505	-14232	-0.13%	-0.002%
15	3.395	3.383	3.402	PH	-1541	-18612	-0.17%	-0.003%
16	3.422	3.402	3.435	PH	-374	-23571	-0.21%	-0.004%
17	3.444	3.435	3.450	PH	-1571	-14178	-0.13%	-0.002%
18	3.461	3.450	3.487	PH	-1532	-38032	-0.34%	-0.007%
19	3.492	3.487	3.510	PH	-1780	-26223	-0.24%	-0.005%
20	3.524	3.510	3.537	PH	-1606	-30141	-0.27%	-0.005%
21	3.549	3.537	3.587	PH	-1799	-57634	-0.52%	-0.010%
22	3.596	3.587	3.601	PH	-2027	-17057	-0.15%	-0.003%
23	3.611	3.601	3.654	PH	-1855	-66412	-0.60%	-0.011%
24	3.658	3.654	3.671	PH	-2191	-23546	-0.21%	-0.004%
25	3.690	3.671	3.699	PH	-1894	-33864	-0.31%	-0.006%
26	3.712	3.699	3.764	PH	-1364	-77687	-0.70%	-0.013%
27	3.788	3.764	3.816	PH	-1699	-66653	-0.60%	-0.011%
28	3.827	3.816	3.838	PH	-2012	-29488	-0.27%	-0.005%
29	3.860	3.838	3.877	PH	-2095	-54098	-0.49%	-0.009%
30	3.885	3.877	3.892	PH	-2301	-21177	-0.19%	-0.004%
31	3.911	3.892	3.942	PH	-1686	-65429	-0.59%	-0.011%
32	3.957	3.942	3.974	PH	-2435	-47936	-0.43%	-0.008%
33	3.995	3.974	4.043	PH	-1708	-101586	-0.92%	-0.018%
34	4.066	4.043	4.097	PH	11320	39246	0.36%	0.007%
35	4.110	4.097	4.142	PH	-847	-48492	-0.44%	-0.008%
36	4.159	4.142	4.204	PH	-2286	-93951	-0.85%	-0.016%

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37	4.245	4.204	4.262	PH	-695	-59598	-0.54%	-0.010%
38	4.273	4.262	4.313	PH	-1706	-70482	-0.64%	-0.012%
39	4.319	4.313	4.324	PH	-2659	-17838	-0.16%	-0.003%
40	4.328	4.324	4.366	PH	-2641	-69106	-0.63%	-0.012%
41	4.372	4.366	4.379	PH	-2848	-23208	-0.21%	-0.004%
42	4.402	4.379	4.416	PH	-2688	-60602	-0.55%	-0.010%
43	4.443	4.416	4.459	PH	-2590	-70356	-0.64%	-0.012%
44	4.475	4.459	4.505	PH	-1256	-63782	-0.58%	-0.011%
45	4.521	4.505	4.537	PH	-2155	-48396	-0.44%	-0.008%
46	4.549	4.537	4.563	PH	-2549	-41457	-0.38%	-0.007%
47	4.571	4.563	4.593	PH	-2537	-47269	-0.43%	-0.008%
48	4.622	4.593	4.652	PH	-1979	-90305	-0.82%	-0.016%
49	4.661	4.652	4.666	PH	-2745	-22639	-0.21%	-0.004%
50	4.693	4.666	4.714	PH	-1884	-71749	-0.65%	-0.012%
51	4.728	4.714	4.744	PH	-2385	-45717	-0.41%	-0.008%
52	4.758	4.744	4.776	PH	-2485	-52032	-0.47%	-0.009%
53	4.781	4.776	4.791	PH	-2788	-25745	-0.23%	-0.004%
54	4.808	4.791	4.836	PH	-1942	-66964	-0.61%	-0.012%
55	4.849	4.836	4.873	PH	-2386	-59625	-0.54%	-0.010%
56	4.900	4.873	4.914	PH	-2634	-67707	-0.61%	-0.012%
57	4.927	4.914	4.944	PH	-2687	-49915	-0.45%	-0.009%
58	4.950	4.944	4.967	PH	-2743	-40088	-0.36%	-0.007%
59	4.979	4.967	4.990	PH	-2877	-40550	-0.37%	-0.007%
60	5.027	4.990	5.052	PH	-2628	-103270	-0.94%	-0.018%
61	5.063	5.052	5.081	PH	-2720	-49402	-0.45%	-0.009%
62	5.095	5.081	5.102	PH	-2601	-33672	-0.30%	-0.006%
63	5.113	5.102	5.134	PH	-2518	-52421	-0.47%	-0.009%
64	5.164	5.134	5.180	PH	-2533	-74627	-0.68%	-0.013%
65	5.212	5.180	5.232	PH	-2299	-84890	-0.77%	-0.015%
66	5.245	5.232	5.271	PH	-2731	-67377	-0.61%	-0.012%
67	5.285	5.271	5.302	PH	-2812	-54258	-0.49%	-0.009%
68	5.326	5.302	5.352	PH	-362	-62841	-0.57%	-0.011%
69	5.359	5.352	5.367	PH	-2815	-26478	-0.24%	-0.005%
70	5.387	5.367	5.427	PH	-2326	-97553	-0.88%	-0.017%
71	5.437	5.427	5.441	PH	-2924	-25388	-0.23%	-0.004%
72	5.463	5.441	5.485	PH	-2759	-75774	-0.69%	-0.013%
73	5.508	5.485	5.531	PH	-1613	-64721	-0.59%	-0.011%
74	5.539	5.531	5.548	PH	-2403	-24795	-0.22%	-0.004%
75	5.558	5.548	5.575	PH	-2428	-42051	-0.38%	-0.007%
76	5.580	5.575	5.593	PH	-2717	-29620	-0.27%	-0.005%
77	5.613	5.593	5.618	PH	-2626	-41843	-0.38%	-0.007%
78	5.622	5.618	5.637	PH	-2648	-31813	-0.29%	-0.005%
79	5.645	5.637	5.655	PH	-2834	-30690	-0.28%	-0.005%
80	5.678	5.655	5.691	PH	-2516	-58419	-0.53%	-0.010%
81	5.698	5.691	5.713	PH	-2517	-35505	-0.32%	-0.006%
82	5.740	5.713	5.756	PH	-2523	-67400	-0.61%	-0.012%
83	5.759	5.756	5.764	PH	-2605	-13347	-0.12%	-0.002%
84	5.788	5.764	5.801	PH	-2348	-54492	-0.49%	-0.009%
85	5.809	5.801	5.835	PH	-2265	-49769	-0.45%	-0.009%
86	5.847	5.835	5.862	PH	-2435	-42221	-0.38%	-0.007%
87	5.880	5.862	5.891	PH	-2351	-44025	-0.40%	-0.008%
88	5.898	5.891	5.926	PH	-2339	-52402	-0.47%	-0.009%
89	5.941	5.926	5.950	PH	-2428	-35930	-0.33%	-0.006%

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90	5.957	5.950	5.984	PH	-2310	-50382	-0.46%	-0.009%
91	5.997	5.984	6.003	PH	-2283	-26904	-0.24%	-0.005%
92	6.016	6.003	6.025	PH	-2190	-30779	-0.28%	-0.005%
93	6.061	6.025	6.096	PH	6341	-1115	-0.01%	-0.000%
94	6.109	6.096	6.134	PH	-2028	-53169	-0.48%	-0.009%
95	6.146	6.134	6.151	PH	-2319	-24336	-0.22%	-0.004%
96	6.157	6.151	6.178	PH	-2291	-38163	-0.35%	-0.007%
97	6.203	6.178	6.237	PH	-1277	-71444	-0.65%	-0.012%
98	6.242	6.237	6.253	PH	-2358	-24607	-0.22%	-0.004%
99	6.278	6.253	6.284	PH	-2277	-44195	-0.40%	-0.008%
100	6.306	6.284	6.312	PH	-2138	-38067	-0.34%	-0.007%
101	6.333	6.312	6.365	PH	-1198	-60657	-0.55%	-0.010%
102	6.377	6.365	6.391	PH	-2251	-36204	-0.33%	-0.006%
103	6.407	6.391	6.421	PH	-2248	-41716	-0.38%	-0.007%
104	6.442	6.421	6.465	PH	-2165	-61054	-0.55%	-0.011%
105	6.488	6.465	6.536	PH	-791	-80896	-0.73%	-0.014%
106	6.541	6.536	6.544	PH	-2390	-12116	-0.11%	-0.002%
107	6.565	6.544	6.584	PH	-2146	-54254	-0.49%	-0.009%
108	6.595	6.584	6.615	PH	-2205	-41204	-0.37%	-0.007%
109	6.638	6.615	6.660	PH	-1752	-57208	-0.52%	-0.010%
110	6.690	6.660	6.732	PH	-2073	-96969	-0.88%	-0.017%
111	6.777	6.732	6.792	PH	-1941	-76124	-0.69%	-0.013%
112	6.812	6.792	6.845	PH	-1630	-62161	-0.56%	-0.011%
113	6.870	6.845	6.877	PH	-2023	-41399	-0.37%	-0.007%
114	6.897	6.877	6.903	PH	-1914	-30464	-0.28%	-0.005%
115	6.907	6.903	6.931	PH	-1971	-34466	-0.31%	-0.006%
116	6.956	6.931	6.975	PH	-741	-35829	-0.32%	-0.006%
117	6.989	6.975	7.041	PH	-1151	-57480	-0.52%	-0.010%
118	7.049	7.041	7.068	PH	-1519	-27794	-0.25%	-0.005%
119	7.117	7.068	7.134	PH	3235	-18366	-0.17%	-0.003%
120	7.139	7.134	7.174	PH	-789	-30926	-0.28%	-0.005%
121	7.191	7.174	7.222	PH	-935	-42333	-0.38%	-0.007%
122	7.252	7.222	7.272	PH	2727	-7971	-0.07%	-0.001%
123	7.284	7.272	7.308	PH	-1118	-29993	-0.27%	-0.005%
124	7.320	7.308	7.354	PH	-1519	-46950	-0.43%	-0.008%
125	7.368	7.354	7.385	PH	-1469	-30274	-0.27%	-0.005%
126	7.411	7.385	7.446	PH	393	-38598	-0.35%	-0.007%
127	7.451	7.446	7.455	PH	-1590	-8665	-0.08%	-0.001%
128	7.491	7.455	7.514	PH	-1288	-50666	-0.46%	-0.009%
129	7.527	7.514	7.561	PH	-1281	-39165	-0.35%	-0.007%
130	7.593	7.561	7.614	PH	-1070	-42261	-0.38%	-0.007%
131	7.628	7.614	7.654	PH	-1239	-32602	-0.30%	-0.006%
132	7.663	7.654	7.668	PH	-1380	-11837	-0.11%	-0.002%
133	7.671	7.668	7.677	PH	-1381	-7803	-0.07%	-0.001%
134	7.700	7.677	7.736	PH	-984	-43426	-0.39%	-0.007%
135	7.748	7.736	7.767	PH	-1087	-23311	-0.21%	-0.004%
136	7.771	7.767	7.795	PH	-1267	-21679	-0.20%	-0.004%
137	7.840	7.795	7.859	PH	793	-12236	-0.11%	-0.002%
138	7.867	7.859	7.883	PH	-412	-9570	-0.09%	-0.002%
139	7.897	7.883	7.919	PH	-793	-20179	-0.18%	-0.003%
140	7.941	7.919	7.956	PH	-853	-21579	-0.20%	-0.004%
141	7.996	7.956	8.026	PH	434	-12702	-0.12%	-0.002%

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142	8.032	8.026	8.040	PH	-596	-5094	-0.05%	-0.001%
143	8.056	8.040	8.077	PH	-231	-11428	-0.10%	-0.002%
144	8.107	8.077	8.130	PH	2112	21577	0.20%	0.004%
145	8.174	8.130	8.192	PH	295	-11773	-0.11%	-0.002%
146	8.214	8.192	8.226	PH	5354	47343	0.43%	0.008%
147	8.250	8.226	8.272	HH	54247	659000	5.97%	0.114%
148	8.282	8.272	8.312	HH	4426	42156	0.38%	0.007%
149	8.344	8.312	8.361	PH	10577	99106	0.90%	0.017%
150	8.398	8.361	8.431	HH	8179	110469	1.00%	0.019%
151	8.451	8.431	8.469	PH	153	-1286	-0.01%	-0.000%
152	8.488	8.469	8.517	PH	1101	3880	0.04%	0.001%
153	8.533	8.517	8.549	PH	69	-2854	-0.03%	-0.000%
154	8.569	8.549	8.601	PH	102	-2793	-0.03%	-0.000%
155	8.614	8.601	8.619	PH	-96	-1869	-0.02%	-0.000%
156	8.644	8.619	8.668	PH	1429	13863	0.13%	0.002%
157	8.694	8.668	8.717	HH	16549	163910	1.48%	0.028%
158	8.737	8.717	8.762	HH	2522	39169	0.35%	0.007%
159	8.770	8.762	8.792	HH	1049	14300	0.13%	0.002%
160	8.817	8.792	8.846	HH	2426	43819	0.40%	0.008%
161	8.851	8.846	8.889	HH	846	17450	0.16%	0.003%
162	8.934	8.889	8.950	HH	4414	68684	0.62%	0.012%
163	8.966	8.950	8.991	HH	8621	93583	0.85%	0.016%
164	9.008	8.991	9.042	HH	1715	40200	0.36%	0.007%
165	9.056	9.042	9.073	HH	1663	21998	0.20%	0.004%
166	9.104	9.073	9.125	HH	7304	94486	0.86%	0.016%
167	9.144	9.125	9.186	HH	4149	68142	0.62%	0.012%
168	9.200	9.186	9.217	HH	952	15209	0.14%	0.003%
169	9.225	9.217	9.230	HH	660	4741	0.04%	0.001%
170	9.260	9.230	9.276	HH	4483	61931	0.56%	0.011%
171	9.291	9.276	9.325	HH	3613	55728	0.50%	0.010%
172	9.344	9.325	9.359	HH	1935	29243	0.26%	0.005%
173	9.396	9.359	9.414	HH	4597	82646	0.75%	0.014%
174	9.431	9.414	9.456	HH	5306	84011	0.76%	0.014%
175	9.478	9.456	9.516	HH	14415	212703	1.93%	0.037%
176	9.525	9.516	9.533	HH	2342	22894	0.21%	0.004%
177	9.558	9.533	9.585	HH	5952	115451	1.05%	0.020%
178	9.600	9.585	9.611	HH	4362	54555	0.49%	0.009%
179	9.629	9.611	9.648	HH	8242	120100	1.09%	0.021%
180	9.659	9.648	9.671	HH	3206	39627	0.36%	0.007%
181	9.689	9.671	9.731	HH	5753	122478	1.11%	0.021%
182	9.749	9.731	9.775	HH	2677	62830	0.57%	0.011%
183	9.801	9.775	9.844	HH	10069	206823	1.87%	0.036%
184	9.852	9.844	9.865	HH	3353	39315	0.36%	0.007%
185	9.899	9.865	9.943	HH	12084	300700	2.72%	0.052%
186	9.963	9.943	9.979	HH	4740	79918	0.72%	0.014%
187	9.994	9.979	10.011	HH	3650	62952	0.57%	0.011%
188	10.037	10.011	10.111	HH	32785	572412	5.18%	0.099%
189	10.116	10.111	10.124	HH	2506	18674	0.17%	0.003%
190	10.129	10.124	10.139	HH	2536	22201	0.20%	0.004%
191	10.179	10.139	10.203	HH	3102	108876	0.99%	0.019%
192	10.224	10.203	10.242	HH	4749	89607	0.81%	0.015%
193	10.274	10.242	10.297	HH	6387	146867	1.33%	0.025%
194	10.334	10.297	10.345	HH	7515	150704	1.36%	0.026%

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195	10.361	10.345	10.385	HH	10556	177592	1.61%	0.031%
196	10.402	10.385	10.442	HH	7622	178377	1.62%	0.031%
197	10.478	10.442	10.495	HH	9422	201140	1.82%	0.035%
198	10.505	10.495	10.512	HH	6962	70529	0.64%	0.012%
199	10.531	10.512	10.569	HH	15755	310312	2.81%	0.053%
200	10.574	10.569	10.589	HH	5780	64686	0.59%	0.011%
201	10.621	10.589	10.633	HH	9843	195213	1.77%	0.034%
202	10.649	10.633	10.662	HH	13525	184032	1.67%	0.032%
203	10.683	10.662	10.704	HH	19414	354331	3.21%	0.061%
204	10.711	10.704	10.728	HH	10541	125627	1.14%	0.022%
205	10.758	10.728	10.762	HH	7923	141503	1.28%	0.024%
206	10.781	10.762	10.798	HH	11339	191810	1.74%	0.033%
207	10.810	10.798	10.834	HH	7090	139671	1.26%	0.024%
208	10.850	10.834	10.859	HH	8663	107818	0.98%	0.019%
209	10.885	10.859	10.927	HH	234696	2715353	24.59%	0.468%
210	10.957	10.927	10.979	HH	53755	714664	6.47%	0.123%
211	10.984	10.979	11.001	HH	9231	110192	1.00%	0.019%
212	11.009	11.001	11.029	HH	7699	119344	1.08%	0.021%
213	11.065	11.029	11.080	HH	7114	205152	1.86%	0.035%
214	11.101	11.080	11.115	HH	9123	166020	1.50%	0.029%
215	11.129	11.115	11.151	HH	10007	177878	1.61%	0.031%
216	11.170	11.151	11.215	HH	16704	372876	3.38%	0.064%
217	11.247	11.215	11.262	HH	7897	203209	1.84%	0.035%
218	11.288	11.262	11.303	HH	10122	219658	1.99%	0.038%
219	11.323	11.303	11.344	HH	11601	241063	2.18%	0.042%
220	11.349	11.344	11.355	HH	7991	52078	0.47%	0.009%
221	11.416	11.355	11.453	HH	18725	693138	6.28%	0.119%
222	11.484	11.453	11.504	HH	15260	328549	2.98%	0.057%
223	11.534	11.504	11.554	HH	13267	319210	2.89%	0.055%
224	11.576	11.554	11.600	HH	13228	296671	2.69%	0.051%
225	11.614	11.600	11.624	HH	10173	138924	1.26%	0.024%
226	11.637	11.624	11.656	HH	10981	190872	1.73%	0.033%
227	11.686	11.656	11.701	HH	50562	715123	6.48%	0.123%
228	11.717	11.701	11.745	HH	60075	843270	7.64%	0.145%
229	11.784	11.745	11.791	HH	31476	493680	4.47%	0.085%
230	11.802	11.791	11.818	HH	38636	483930	4.38%	0.083%
231	11.835	11.818	11.849	HH	37836	501294	4.54%	0.086%
232	11.866	11.849	11.895	HH	49166	743737	6.74%	0.128%
233	11.909	11.895	11.919	HH	10952	151939	1.38%	0.026%
234	11.943	11.919	11.965	HH	13148	325683	2.95%	0.056%
235	12.001	11.965	12.023	HH	16048	460314	4.17%	0.079%
236	12.044	12.023	12.065	HH	26787	463549	4.20%	0.080%
237	12.092	12.065	12.111	HH	15499	403663	3.66%	0.070%
238	12.117	12.111	12.131	HH	13530	154780	1.40%	0.027%
239	12.156	12.131	12.180	HH	40899	684715	6.20%	0.118%
240	12.192	12.180	12.206	HH	14773	220844	2.00%	0.038%
241	12.260	12.206	12.293	HH	158642	2757955	24.98%	0.475%
242	12.304	12.293	12.349	HH	22558	634859	5.75%	0.109%
243	12.360	12.349	12.375	HH	16640	251631	2.28%	0.043%
244	12.407	12.375	12.424	HH	22011	559244	5.06%	0.096%
245	12.429	12.424	12.450	HH	19791	273320	2.48%	0.047%
246	12.478	12.450	12.516	HH	26939	810251	7.34%	0.140%

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247	12.539	12.516	12.568	HH	38258	797366	7.22%	0.137%
248	12.590	12.568	12.609	HH	41847	712738	6.45%	0.123%
249	12.633	12.609	12.643	HH	30830	569631	5.16%	0.098%
250	12.650	12.643	12.676	HH	30345	505039	4.57%	0.087%
251	12.711	12.676	12.746	HH	439457	5540376	50.18%	0.954%
252	12.767	12.746	12.786	HH	19128	416926	3.78%	0.072%
253	12.804	12.786	12.815	HH	18992	314745	2.85%	0.054%
254	12.864	12.815	12.876	HH	28620	840770	7.61%	0.145%
255	12.892	12.876	12.905	HH	36177	551860	5.00%	0.095%
256	12.913	12.905	12.957	HH	30413	779436	7.06%	0.134%
257	12.968	12.957	12.978	HH	20828	255985	2.32%	0.044%
258	13.010	12.978	13.039	HH	405316	5143547	46.58%	0.886%
259	13.060	13.039	13.075	HH	50593	783235	7.09%	0.135%
260	13.091	13.075	13.118	HH	66897	1043599	9.45%	0.180%
261	13.144	13.118	13.157	HH	23159	506522	4.59%	0.087%
262	13.177	13.157	13.191	HH	36820	613233	5.55%	0.106%
263	13.207	13.191	13.229	HH	35787	648623	5.87%	0.112%
264	13.271	13.229	13.295	HH	56094	1342717	12.16%	0.231%
265	13.313	13.295	13.320	HH	31112	449952	4.07%	0.078%
266	13.338	13.320	13.356	HH	32703	670649	6.07%	0.116%
267	13.360	13.356	13.380	HH	29648	393162	3.56%	0.068%
268	13.402	13.380	13.421	HH	40372	794460	7.19%	0.137%
269	13.428	13.421	13.440	HH	29537	326277	2.95%	0.056%
270	13.488	13.440	13.544	HH	104021	3130466	28.35%	0.539%
271	13.593	13.544	13.637	HH	79890	2515296	22.78%	0.433%
272	13.661	13.637	13.677	HH	36193	787297	7.13%	0.136%
273	13.703	13.677	13.721	HH	48491	1008223	9.13%	0.174%
274	13.742	13.721	13.763	HH	65639	1158555	10.49%	0.200%
275	13.781	13.763	13.804	HH	37245	832547	7.54%	0.143%
276	13.838	13.804	13.850	HH	47010	1087838	9.85%	0.187%
277	13.873	13.850	13.894	HH	66153	1340422	12.14%	0.231%
278	13.912	13.894	13.951	HH	64484	1510522	13.68%	0.260%
279	13.987	13.951	14.005	HH	41324	1132800	10.26%	0.195%
280	14.025	14.005	14.043	HH	36557	801258	7.26%	0.138%
281	14.073	14.043	14.087	HH	36119	946986	8.58%	0.163%
282	14.097	14.087	14.113	HH	35130	543773	4.92%	0.094%
283	14.121	14.113	14.140	HH	35361	544706	4.93%	0.094%
284	14.150	14.140	14.165	HH	34025	502552	4.55%	0.087%
285	14.179	14.165	14.210	HH	34550	895754	8.11%	0.154%
286	14.239	14.210	14.254	HH	36676	893581	8.09%	0.154%
287	14.279	14.254	14.285	HH	43003	751566	6.81%	0.129%
288	14.292	14.285	14.308	HH	44222	602287	5.45%	0.104%
289	14.331	14.308	14.364	HH	77604	1734475	15.71%	0.299%
290	14.402	14.364	14.416	HH	42306	1211165	10.97%	0.209%
291	14.433	14.416	14.466	HH	44521	1217412	11.03%	0.210%
292	14.508	14.466	14.530	HH	67031	1932475	17.50%	0.333%
293	14.537	14.530	14.548	HH	45567	502511	4.55%	0.087%
294	14.573	14.548	14.595	HH	103084	1927466	17.46%	0.332%
295	14.634	14.595	14.672	HH	78878	2505211	22.69%	0.432%
296	14.697	14.672	14.709	HH	46430	960332	8.70%	0.165%
297	14.740	14.709	14.814	HH	138947	4079712	36.95%	0.703%
298	14.839	14.814	14.857	HH	52867	1176649	10.66%	0.203%
299	14.890	14.857	14.910	HH	267476	4142347	37.51%	0.714%

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300	14.932	14.910	14.960	HH	280016	4030599	36.50%	0.694%
301	14.975	14.960	15.003	HH	49934	1186492	10.75%	0.204%
302	15.048	15.003	15.072	HH	72911	2221664	20.12%	0.383%
303	15.077	15.072	15.098	HH	50077	722827	6.55%	0.125%
304	15.126	15.098	15.160	HH	55277	1827505	16.55%	0.315%
305	15.188	15.160	15.209	HH	63439	1559326	14.12%	0.269%
306	15.227	15.209	15.288	HH	59580	2527883	22.89%	0.435%
307	15.330	15.288	15.402	HH	115808	4417680	40.01%	0.761%
308	15.413	15.402	15.424	HH	49635	649734	5.88%	0.112%
309	15.467	15.424	15.495	HH	56965	2247129	20.35%	0.387%
310	15.518	15.495	15.536	HH	61616	1381577	12.51%	0.238%
311	15.561	15.536	15.581	HH	104497	2078522	18.82%	0.358%
312	15.598	15.581	15.632	HH	75327	1908287	17.28%	0.329%
313	15.645	15.632	15.653	HH	55942	686807	6.22%	0.118%
314	15.723	15.653	15.752	HH	76028	3871040	35.06%	0.667%
315	15.799	15.752	15.823	HH	68298	2518366	22.81%	0.434%
316	15.841	15.823	15.855	HH	58814	1112797	10.08%	0.192%
317	15.881	15.855	15.900	HH	70520	1720274	15.58%	0.296%
318	15.920	15.900	15.941	HH	73177	1596727	14.46%	0.275%
319	15.965	15.941	15.977	HH	66946	1371974	12.42%	0.236%
320	15.987	15.977	16.012	HH	66214	1328043	12.03%	0.229%
321	16.028	16.012	16.041	HH	60870	1021245	9.25%	0.176%
322	16.053	16.041	16.057	HH	60792	587203	5.32%	0.101%
323	16.063	16.057	16.078	HH	60923	777999	7.05%	0.134%
324	16.089	16.078	16.096	HH	60726	635347	5.75%	0.109%
325	16.102	16.096	16.107	HH	60927	407948	3.69%	0.070%
326	16.118	16.107	16.133	HH	62241	971591	8.80%	0.167%
327	16.176	16.133	16.213	HH	73144	3223036	29.19%	0.555%
328	16.233	16.213	16.251	HH	76453	1605249	14.54%	0.277%
329	16.272	16.251	16.275	HH	70313	994496	9.01%	0.171%
330	16.289	16.275	16.322	HH	71678	1949758	17.66%	0.336%
331	16.354	16.322	16.371	HH	85474	2268638	20.55%	0.391%
332	16.378	16.371	16.409	HH	80740	1703510	15.43%	0.293%
333	16.457	16.409	16.473	HH	318553	6289941	56.96%	1.084%
334	16.482	16.473	16.517	HH	179918	2937511	26.60%	0.506%
335	16.532	16.517	16.545	HH	71218	1190428	10.78%	0.205%
336	16.581	16.545	16.601	HH	113674	2873792	26.03%	0.495%
337	16.614	16.601	16.658	HH	82336	2628968	23.81%	0.453%
338	16.672	16.658	16.684	HH	76289	1156857	10.48%	0.199%
339	16.702	16.684	16.716	HH	82862	1530236	13.86%	0.264%
340	16.776	16.716	16.802	HH	236977	6288302	56.95%	1.083%
341	16.835	16.802	16.873	HH	272448	5842249	52.91%	1.006%
342	16.932	16.873	16.962	HH	136498	5220801	47.28%	0.899%
343	16.982	16.962	17.014	HH	92770	2700767	24.46%	0.465%
344	17.071	17.014	17.117	HH	98052	5629777	50.98%	0.970%
345	17.135	17.117	17.155	HH	92313	2012417	18.23%	0.347%
346	17.194	17.155	17.272	HH	101386	6532056	59.16%	1.125%
347	17.293	17.272	17.304	HH	94664	1729521	15.66%	0.298%
348	17.333	17.304	17.343	HH	105738	2333134	21.13%	0.402%
349	17.361	17.343	17.391	HH	111590	2908664	26.34%	0.501%
350	17.416	17.391	17.433	HH	100419	2399330	21.73%	0.413%
351	17.445	17.433	17.464	HH	97863	1766540	16.00%	0.304%

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352	17.491	17.464	17.516	HH	105874	3135069	28.39%	0.540%
353	17.527	17.516	17.561	HH	98217	2573366	23.31%	0.443%
354	17.584	17.561	17.604	HH	96757	2437303	22.07%	0.420%
355	17.622	17.604	17.651	HH	95484	2667383	24.16%	0.460%
356	17.670	17.651	17.688	HH	95228	2088591	18.91%	0.360%
357	17.704	17.688	17.724	HH	94199	2028738	18.37%	0.349%
358	17.756	17.724	17.761	HH	97833	2103320	19.05%	0.362%
359	17.765	17.761	17.770	HH	97464	513582	4.65%	0.088%
360	17.806	17.770	17.841	HH	122202	4532246	41.05%	0.781%
361	17.891	17.841	17.909	HH	105864	4089979	37.04%	0.705%
362	17.929	17.909	17.945	HH	111156	2373895	21.50%	0.409%
363	17.968	17.945	18.020	HH	119570	5005944	45.34%	0.862%
364	18.058	18.020	18.082	HH	109249	3950099	35.77%	0.680%
365	18.112	18.082	18.154	HH	139816	5089333	46.09%	0.877%
366	18.172	18.154	18.181	HH	124573	1893092	17.14%	0.326%
367	18.209	18.181	18.270	HH	242637	8171742	74.01%	1.408%
368	18.286	18.270	18.309	HH	116898	2642445	23.93%	0.455%
369	18.334	18.309	18.351	HH	148989	3245743	29.39%	0.559%
370	18.368	18.351	18.428	HH	140842	5425313	49.13%	0.935%
371	18.464	18.428	18.505	HH	239358	6643356	60.16%	1.144%
372	18.517	18.505	18.522	HH	112451	1139645	10.32%	0.196%
373	18.542	18.522	18.559	HH	117704	2514674	22.77%	0.433%
374	18.591	18.559	18.612	HH	136402	3883184	35.17%	0.669%
375	18.639	18.612	18.668	HH	130407	3981432	36.06%	0.686%
376	18.687	18.668	18.715	HH	116550	3241130	29.35%	0.558%
377	18.725	18.715	18.731	HH	112156	1033460	9.36%	0.178%
378	18.770	18.731	18.788	HH	119262	3991436	36.15%	0.688%
379	18.798	18.788	18.811	HH	117310	1583635	14.34%	0.273%
380	18.817	18.811	18.837	HH	116488	1836971	16.64%	0.316%
381	18.860	18.837	18.872	HH	120086	2481166	22.47%	0.427%
382	18.891	18.872	18.911	HH	125743	2789359	25.26%	0.481%
383	18.936	18.911	18.955	HH	118769	3075899	27.86%	0.530%
384	18.975	18.955	18.984	HH	121633	2106731	19.08%	0.363%
385	19.004	18.984	19.019	HH	136161	2715965	24.60%	0.468%
386	19.037	19.019	19.057	HH	137461	3050087	27.62%	0.525%
387	19.062	19.057	19.076	HH	124226	1351390	12.24%	0.233%
388	19.091	19.076	19.107	HH	122058	2297732	20.81%	0.396%
389	19.138	19.107	19.156	HH	131113	3695592	33.47%	0.637%
390	19.174	19.156	19.196	HH	128866	2963224	26.84%	0.510%
391	19.210	19.196	19.234	HH	121706	2771490	25.10%	0.477%
392	19.255	19.234	19.269	HH	122134	2551426	23.11%	0.440%
393	19.289	19.269	19.307	HH	124805	2786610	25.24%	0.480%
394	19.316	19.307	19.320	HH	124559	986577	8.93%	0.170%
395	19.334	19.320	19.343	HH	126087	1719936	15.58%	0.296%
396	19.347	19.343	19.364	HH	123931	1521406	13.78%	0.262%
397	19.383	19.364	19.391	HH	123553	2010240	18.21%	0.346%
398	19.423	19.391	19.441	HH	135995	3837880	34.76%	0.661%
399	19.446	19.441	19.458	HH	127193	1302200	11.79%	0.224%
400	19.473	19.458	19.481	HH	128640	1723026	15.60%	0.297%
401	19.496	19.481	19.511	HH	129409	2310379	20.92%	0.398%
402	19.551	19.511	19.579	HH	145139	5527866	50.06%	0.952%
403	19.619	19.579	19.643	HH	185868	5973354	54.10%	1.029%
404	19.653	19.643	19.658	HH	147779	1313744	11.90%	0.226%

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405	19.687	19.658	19.717	HH	188201	5903156	53.46%	1.017%
406	19.736	19.717	19.756	HH	150132	3356909	30.40%	0.578%
407	19.780	19.756	19.836	HH	167812	7266414	65.81%	1.252%
408	19.900	19.836	19.928	HH	157225	8128476	73.61%	1.400%
409	19.997	19.928	20.034	HH	212115	10717254	97.06%	1.846%
410	20.064	20.034	20.080	HH	170117	4501491	40.77%	0.775%
411	20.088	20.080	20.105	HH	162153	2475140	22.42%	0.426%
412	20.111	20.105	20.115	HH	158513	946563	8.57%	0.163%
413	20.139	20.115	20.147	HH	168169	3107272	28.14%	0.535%
414	20.164	20.147	20.204	HH	173052	5686745	51.50%	0.980%
415	20.209	20.204	20.214	HH	161442	936148	8.48%	0.161%
416	20.218	20.214	20.229	HH	160890	1451794	13.15%	0.250%
417	20.235	20.229	20.239	HH	158123	950588	8.61%	0.164%
418	20.244	20.239	20.250	HH	158948	992267	8.99%	0.171%
419	20.259	20.250	20.264	HH	159582	1382271	12.52%	0.238%
420	20.271	20.264	20.282	HH	161600	1690481	15.31%	0.291%
421	20.287	20.282	20.298	HH	158811	1582175	14.33%	0.273%
422	20.320	20.298	20.323	HH	163769	2400477	21.74%	0.414%
423	20.331	20.323	20.341	HH	164003	1688113	15.29%	0.291%
424	20.346	20.341	20.351	HH	164414	1053213	9.54%	0.181%
425	20.357	20.351	20.363	HH	163705	1101213	9.97%	0.190%
426	20.376	20.363	20.383	HH	164447	1990817	18.03%	0.343%
427	20.391	20.383	20.396	HH	164546	1249459	11.32%	0.215%
428	20.419	20.396	20.442	HH	171063	4618211	41.82%	0.796%
429	20.476	20.442	20.504	HH	168777	6168628	55.86%	1.063%
430	20.521	20.504	20.557	HH	171538	5243236	47.48%	0.903%
431	20.565	20.557	20.582	HH	158520	2360954	21.38%	0.407%
432	20.605	20.582	20.611	HH	158900	2762968	25.02%	0.476%
433	20.650	20.611	20.657	HH	167905	4520629	40.94%	0.779%
434	20.685	20.657	20.742	HH	169995	8459280	76.61%	1.457%
435	20.751	20.742	20.761	HH	162935	1781603	16.13%	0.307%
436	20.770	20.761	20.775	HH	161983	1331029	12.05%	0.229%
437	20.783	20.775	20.829	HH	163153	5249340	47.54%	0.904%
438	20.841	20.829	20.882	HH	156894	4902317	44.40%	0.845%
439	20.915	20.882	20.934	HH	163274	4939367	44.73%	0.851%
440	20.954	20.934	20.976	HH	161023	4011045	36.33%	0.691%
441	21.012	20.976	21.090	HH	167937	11042066	100.00%	1.902%
442	21.108	21.090	21.138	HH	156868	4429101	40.11%	0.763%
443	21.143	21.138	21.154	HH	153180	1515641	13.73%	0.261%
444	21.170	21.154	21.190	HH	152883	3235692	29.30%	0.557%
445	21.196	21.190	21.202	HH	152118	1087612	9.85%	0.187%
446	21.234	21.202	21.245	HH	159644	4072670	36.88%	0.702%
447	21.313	21.245	21.341	HH	168013	9377569	84.93%	1.615%
448	21.348	21.341	21.352	HH	163312	1131871	10.25%	0.195%
449	21.356	21.352	21.360	HH	163566	779683	7.06%	0.134%
450	21.379	21.360	21.388	HH	166521	2790990	25.28%	0.481%
451	21.405	21.388	21.429	HH	169539	4028542	36.48%	0.694%
452	21.437	21.429	21.454	HH	161333	2419780	21.91%	0.417%
453	21.459	21.454	21.463	HH	156997	834901	7.56%	0.144%
454	21.469	21.463	21.474	HH	157335	1006626	9.12%	0.173%
455	21.480	21.474	21.506	HH	157911	3051512	27.64%	0.526%
456	21.515	21.506	21.523	HH	152919	1548750	14.03%	0.267%

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457	21.531	21.523	21.539	HH	154763	1405722	12.73%	0.242%
458	21.543	21.539	21.550	HH	153756	1022939	9.26%	0.176%
459	21.577	21.550	21.588	HH	157583	3608673	32.68%	0.622%
460	21.621	21.588	21.657	HH	162562	6569035	59.49%	1.132%
461	21.662	21.657	21.669	HH	155251	1035289	9.38%	0.178%
462	21.675	21.669	21.677	HH	155276	781495	7.08%	0.135%
463	21.712	21.677	21.759	HH	165341	7629666	69.10%	1.314%
464	21.796	21.759	21.826	HH	161284	6189676	56.06%	1.066%
465	21.844	21.826	21.878	HH	150980	4607965	41.73%	0.794%
466	21.899	21.878	21.921	HHA	147490	3760022	34.05%	0.648%
					Sum of corrected areas:		580479488	

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