

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042721\
 Data File : FE033650.D
 Signal(s) : FID1B.CH
 Acq On : 27 Apr 2021 13:57
 Sample : M2170-12
 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	2.394	2.383	2.404	BH	285	905	0.00%	0.000%
2	2.422	2.404	2.440	PH	2278	16671	0.09%	0.001%
3	2.448	2.440	2.470	PH	-175	-11687	-0.06%	-0.001%
4	2.474	2.470	2.496	PH	-1129	-19775	-0.10%	-0.002%
5	2.503	2.496	2.523	PH	-1359	-25455	-0.14%	-0.002%
6	2.529	2.523	2.536	PH	-1668	-13073	-0.07%	-0.001%
7	2.549	2.536	2.556	PH	-664	-13015	-0.07%	-0.001%
8	2.569	2.556	2.623	PH	8383	44363	0.24%	0.004%
9	2.646	2.623	2.671	PH	-1215	-59106	-0.31%	-0.005%
10	2.689	2.671	2.733	PH	-69	-64239	-0.34%	-0.006%
11	2.744	2.733	2.756	PH	-1701	-31992	-0.17%	-0.003%
12	2.768	2.756	2.801	PH	-2281	-72642	-0.39%	-0.007%
13	2.813	2.801	2.843	PH	-2859	-79056	-0.42%	-0.007%
14	2.870	2.843	2.923	PH	12324	-41268	-0.22%	-0.004%
15	2.956	2.923	3.006	PH	71049	566128	3.00%	0.051%
16	3.017	3.006	3.032	PH	-2171	-42701	-0.23%	-0.004%
17	3.041	3.032	3.060	PH	-2334	-47017	-0.25%	-0.004%
18	3.064	3.060	3.073	PH	-3077	-25859	-0.14%	-0.002%
19	3.080	3.073	3.092	PH	-3277	-40570	-0.22%	-0.004%
20	3.110	3.092	3.121	PH	574	-22979	-0.12%	-0.002%
21	3.130	3.121	3.158	PH	378	-44991	-0.24%	-0.004%
22	3.177	3.158	3.195	PH	49988	339475	1.80%	0.030%
23	3.205	3.195	3.230	PH	1468	-34537	-0.18%	-0.003%
24	3.245	3.230	3.262	PH	-3621	-74263	-0.39%	-0.007%
25	3.268	3.262	3.283	PH	-4048	-52712	-0.28%	-0.005%
26	3.297	3.283	3.342	PH	-439	-124032	-0.66%	-0.011%
27	3.348	3.342	3.356	PH	-4648	-39247	-0.21%	-0.004%
28	3.367	3.356	3.399	PH	-4494	-122853	-0.65%	-0.011%
29	3.417	3.399	3.432	PH	-1179	-64883	-0.34%	-0.006%
30	3.442	3.432	3.478	PH	-3350	-115861	-0.61%	-0.010%
31	3.486	3.478	3.501	PH	-4617	-65422	-0.35%	-0.006%
32	3.521	3.501	3.534	PH	-3526	-84121	-0.45%	-0.008%
33	3.542	3.534	3.554	PH	-4341	-52332	-0.28%	-0.005%
34	3.565	3.554	3.591	PH	-4362	-101522	-0.54%	-0.009%
35	3.608	3.591	3.650	PH	-3472	-154347	-0.82%	-0.014%
36	3.704	3.650	3.764	PH	3996	-202701	-1.08%	-0.018%

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37	3.783	3.764	3.808	PH	-943	-83111	-0.44%	-0.007%
38	3.823	3.808	3.841	PH	-1623	-63759	-0.34%	-0.006%
39	3.856	3.841	3.872	PH	-3175	-74515	-0.40%	-0.007%
40	3.906	3.872	3.919	PH	4592	-39531	-0.21%	-0.004%
41	3.925	3.919	3.945	PH	-1380	-46665	-0.25%	-0.004%
42	3.955	3.945	3.962	PH	-4195	-46791	-0.25%	-0.004%
43	3.988	3.962	4.037	PH	10475	-67444	-0.36%	-0.006%
44	4.058	4.037	4.096	PH	47083	344671	1.83%	0.031%
45	4.121	4.096	4.141	PH	3204	-6483	-0.03%	-0.001%
46	4.153	4.141	4.193	PH	-1966	-100910	-0.54%	-0.009%
47	4.240	4.193	4.258	PH	30622	206667	1.10%	0.019%
48	4.267	4.258	4.295	PH	924	-36929	-0.20%	-0.003%
49	4.302	4.295	4.310	PH	-3734	-34967	-0.19%	-0.003%
50	4.334	4.310	4.363	PH	-2368	-116811	-0.62%	-0.010%
51	4.399	4.363	4.412	PH	-3862	-126467	-0.67%	-0.011%
52	4.434	4.412	4.453	PH	-2716	-87133	-0.46%	-0.008%
53	4.471	4.453	4.495	PH	1479	-53840	-0.29%	-0.005%
54	4.517	4.495	4.534	PH	5586	-8553	-0.05%	-0.001%
55	4.543	4.534	4.557	PH	-2680	-42988	-0.23%	-0.004%
56	4.576	4.557	4.584	PH	-2346	-45899	-0.24%	-0.004%
57	4.596	4.584	4.606	PH	-723	-24163	-0.13%	-0.002%
58	4.617	4.606	4.638	PH	-31	-37058	-0.20%	-0.003%
59	4.650	4.638	4.663	PH	-3573	-56073	-0.30%	-0.005%
60	4.687	4.663	4.708	PH	-2213	-86313	-0.46%	-0.008%
61	4.723	4.708	4.738	PH	-2959	-64765	-0.34%	-0.006%
62	4.753	4.738	4.769	PH	-2807	-66991	-0.36%	-0.006%
63	4.778	4.769	4.783	PH	-3790	-34350	-0.18%	-0.003%
64	4.801	4.783	4.828	PH	8074	27622	0.15%	0.002%
65	4.838	4.828	4.867	PH	1182	-30489	-0.16%	-0.003%
66	4.891	4.867	4.910	PH	-2704	-87075	-0.46%	-0.008%
67	4.923	4.910	4.938	PH	-2708	-57353	-0.30%	-0.005%
68	4.947	4.938	4.954	PH	-3640	-36962	-0.20%	-0.003%
69	4.968	4.954	4.986	PH	-1944	-63202	-0.34%	-0.006%
70	5.005	4.986	5.012	PH	-3072	-54321	-0.29%	-0.005%
71	5.035	5.012	5.048	PH	-2544	-65864	-0.35%	-0.006%
72	5.059	5.048	5.074	PH	-2844	-52774	-0.28%	-0.005%
73	5.094	5.074	5.131	PH	-914	-83286	-0.44%	-0.007%
74	5.148	5.131	5.175	PH	-2635	-80727	-0.43%	-0.007%
75	5.206	5.175	5.227	PH	-752	-78118	-0.41%	-0.007%
76	5.239	5.227	5.260	PH	-2960	-71166	-0.38%	-0.006%
77	5.274	5.260	5.285	PH	-3819	-62235	-0.33%	-0.006%
78	5.321	5.285	5.344	PH	7596	-26918	-0.14%	-0.002%
79	5.355	5.344	5.364	PH	-3102	-37657	-0.20%	-0.003%
80	5.380	5.364	5.414	PH	-1031	-83248	-0.44%	-0.007%
81	5.421	5.414	5.436	PH	-4070	-54797	-0.29%	-0.005%
82	5.458	5.436	5.481	PH	-3382	-106194	-0.56%	-0.010%
83	5.502	5.481	5.518	PH	1120	-36640	-0.19%	-0.003%
84	5.533	5.518	5.545	PH	-1477	-30919	-0.16%	-0.003%
85	5.556	5.545	5.573	PH	-1344	-37241	-0.20%	-0.003%
86	5.580	5.573	5.594	PH	-3068	-41459	-0.22%	-0.004%
87	5.611	5.594	5.650	PH	-2338	-105493	-0.56%	-0.009%
88	5.669	5.650	5.682	PH	-2284	-59368	-0.31%	-0.005%
89	5.692	5.682	5.710	PH	-2809	-50512	-0.27%	-0.005%

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90	5.731	5.710	5.746	PH	-2304	-62258	-0.33%	-0.006%
91	5.764	5.746	5.773	PH	-2699	-46132	-0.24%	-0.004%
92	5.806	5.773	5.828	PH	-1193	-70292	-0.37%	-0.006%
93	5.841	5.828	5.855	PH	-2315	-42298	-0.22%	-0.004%
94	5.872	5.855	5.879	PH	-777	-24475	-0.13%	-0.002%
95	5.893	5.879	5.911	PH	2092	-2328	-0.01%	-0.000%
96	5.930	5.911	5.945	PH	-87	-19865	-0.11%	-0.002%
97	5.957	5.945	5.973	PH	-1061	-25934	-0.14%	-0.002%
98	5.986	5.973	5.994	PH	-772	-17623	-0.09%	-0.002%
99	6.006	5.994	6.018	PH	879	-4041	-0.02%	-0.000%
100	6.053	6.018	6.090	PH	43221	387826	2.06%	0.035%
101	6.101	6.090	6.126	PH	-958	-40403	-0.21%	-0.004%
102	6.155	6.126	6.171	PH	-2011	-67697	-0.36%	-0.006%
103	6.198	6.171	6.246	PH	1545	-64087	-0.34%	-0.006%
104	6.265	6.246	6.279	PH	-1554	-41803	-0.22%	-0.004%
105	6.296	6.279	6.309	PH	-346	-24831	-0.13%	-0.002%
106	6.328	6.309	6.356	PH	3590	12739	0.07%	0.001%
107	6.373	6.356	6.413	PH	2213	-37464	-0.20%	-0.003%
108	6.428	6.413	6.452	PH	-2178	-58261	-0.31%	-0.005%
109	6.481	6.452	6.504	PH	4338	3731	0.02%	0.000%
110	6.517	6.504	6.542	PH	-938	-41999	-0.22%	-0.004%
111	6.559	6.542	6.602	PH	-1386	-74596	-0.40%	-0.007%
112	6.631	6.602	6.661	PH	-325	-51148	-0.27%	-0.005%
113	6.680	6.661	6.695	PH	-1420	-37524	-0.20%	-0.003%
114	6.701	6.695	6.719	PH	-2148	-34819	-0.18%	-0.003%
115	6.749	6.719	6.756	PH	238	-26260	-0.14%	-0.002%
116	6.769	6.756	6.786	PH	4490	31742	0.17%	0.003%
117	6.800	6.786	6.845	PH	1872	-20353	-0.11%	-0.002%
118	6.861	6.845	6.874	PH	-1678	-31675	-0.17%	-0.003%
119	6.909	6.874	6.928	PH	-839	-42734	-0.23%	-0.004%
120	6.956	6.928	7.028	PH	8625	112526	0.60%	0.010%
121	7.042	7.028	7.067	PH	-602	-24052	-0.13%	-0.002%
122	7.107	7.067	7.123	PH	12831	107197	0.57%	0.010%
123	7.131	7.123	7.147	HH	2493	21217	0.11%	0.002%
124	7.153	7.147	7.169	HH	442	-713	-0.00%	-0.000%
125	7.184	7.169	7.216	PH	1532	-10102	-0.05%	-0.001%
126	7.243	7.216	7.261	PH	9220	66427	0.35%	0.006%
127	7.276	7.261	7.296	PH	2360	10888	0.06%	0.001%
128	7.306	7.296	7.340	PH	-362	-28572	-0.15%	-0.003%
129	7.358	7.340	7.377	PH	-594	-27089	-0.14%	-0.002%
130	7.405	7.377	7.443	PH	6403	39114	0.21%	0.004%
131	7.486	7.443	7.503	PH	717	-15307	-0.08%	-0.001%
132	7.533	7.503	7.553	PH	74	-11663	-0.06%	-0.001%
133	7.576	7.553	7.603	PH	199	-13539	-0.07%	-0.001%
134	7.633	7.603	7.651	PH	-318	-19329	-0.10%	-0.002%
135	7.656	7.651	7.671	PH	-843	-12418	-0.07%	-0.001%
136	7.696	7.671	7.716	PH	672	-9618	-0.05%	-0.001%
137	7.742	7.716	7.760	PH	213	-8710	-0.05%	-0.001%
138	7.773	7.760	7.790	PH	-201	-7419	-0.04%	-0.001%
139	7.829	7.790	7.849	PH	5785	101251	0.54%	0.009%
140	7.860	7.849	7.877	HH	2087	22610	0.12%	0.002%
141	7.888	7.877	7.913	HH	694	4546	0.02%	0.000%

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142	7.931	7.913	7.948	PH	533	1403	0.01%	0.000%
143	7.980	7.948	7.997	PH	3636	58994	0.31%	0.005%
144	8.000	7.997	8.019	HH	2173	21967	0.12%	0.002%
145	8.027	8.019	8.038	HH	1180	11251	0.06%	0.001%
146	8.051	8.038	8.067	HH	1748	18792	0.10%	0.002%
147	8.098	8.067	8.136	HH	8430	128913	0.68%	0.012%
148	8.168	8.136	8.185	HH	5923	84463	0.45%	0.008%
149	8.204	8.185	8.219	HH	9673	109219	0.58%	0.010%
150	8.241	8.219	8.260	HH	16344	240437	1.28%	0.022%
151	8.275	8.260	8.308	HH	15476	190500	1.01%	0.017%
152	8.336	8.308	8.359	HH	51630	547926	2.91%	0.049%
153	8.388	8.359	8.425	HH	22655	343457	1.82%	0.031%
154	8.442	8.425	8.460	HH	3065	49320	0.26%	0.004%
155	8.478	8.460	8.493	HH	3431	45709	0.24%	0.004%
156	8.510	8.493	8.535	HH	2722	48303	0.26%	0.004%
157	8.568	8.535	8.590	HH	4217	86565	0.46%	0.008%
158	8.602	8.590	8.610	HH	2153	23570	0.13%	0.002%
159	8.637	8.610	8.661	HH	7485	126940	0.67%	0.011%
160	8.683	8.661	8.705	HH	21837	255757	1.36%	0.023%
161	8.744	8.705	8.785	HH	7448	239684	1.27%	0.021%
162	8.811	8.785	8.834	HH	9172	160618	0.85%	0.014%
163	8.864	8.834	8.882	HH	3926	97945	0.52%	0.009%
164	8.901	8.882	8.910	HH	5346	70284	0.37%	0.006%
165	8.924	8.910	8.939	HH	7747	105582	0.56%	0.009%
166	8.955	8.939	8.979	HH	13991	179747	0.95%	0.016%
167	9.012	8.979	9.033	HH	7467	157790	0.84%	0.014%
168	9.047	9.033	9.063	HH	4552	69149	0.37%	0.006%
169	9.096	9.063	9.116	HH	18084	260026	1.38%	0.023%
170	9.132	9.116	9.160	HH	8288	141374	0.75%	0.013%
171	9.188	9.160	9.213	HH	3944	110738	0.59%	0.010%
172	9.217	9.213	9.220	HH	3018	11985	0.06%	0.001%
173	9.248	9.220	9.264	HH	8043	136171	0.72%	0.012%
174	9.280	9.264	9.301	HH	7606	118910	0.63%	0.011%
175	9.331	9.301	9.348	HH	5716	128545	0.68%	0.012%
176	9.385	9.348	9.405	HH	8418	184274	0.98%	0.016%
177	9.428	9.405	9.447	HH	22874	305604	1.62%	0.027%
178	9.467	9.447	9.504	HH	24083	421046	2.23%	0.038%
179	9.520	9.504	9.530	HH	8388	111684	0.59%	0.010%
180	9.547	9.530	9.577	HH	11695	233084	1.24%	0.021%
181	9.589	9.577	9.596	HH	7005	76252	0.40%	0.007%
182	9.616	9.596	9.636	HH	11490	207396	1.10%	0.019%
183	9.653	9.636	9.663	HH	7289	108830	0.58%	0.010%
184	9.679	9.663	9.715	HH	8419	227324	1.21%	0.020%
185	9.725	9.715	9.738	HH	6412	85550	0.45%	0.008%
186	9.749	9.738	9.767	HH	6450	106786	0.57%	0.010%
187	9.790	9.767	9.799	HH	14106	192195	1.02%	0.017%
188	9.812	9.799	9.855	HH	17998	375343	1.99%	0.034%
189	9.879	9.855	9.931	HH	21079	584891	3.10%	0.052%
190	9.950	9.931	9.965	HH	9413	163233	0.87%	0.015%
191	9.981	9.965	10.008	HH	9077	207402	1.10%	0.019%
192	10.031	10.008	10.081	HH	11670	437415	2.32%	0.039%
193	10.088	10.081	10.111	HH	9529	161452	0.86%	0.014%
194	10.125	10.111	10.131	HH	9011	104842	0.56%	0.009%

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195	10.171	10.131	10.181	HH	12450	317169	1.68%	0.028%
196	10.197	10.181	10.243	HH	18213	499332	2.65%	0.045%
197	10.265	10.243	10.286	HH	15962	332977	1.77%	0.030%
198	10.321	10.286	10.335	HH	17936	419994	2.23%	0.038%
199	10.350	10.335	10.373	HH	19259	352578	1.87%	0.032%
200	10.400	10.373	10.442	HH	19028	597895	3.17%	0.054%
201	10.463	10.442	10.483	HH	22644	420369	2.23%	0.038%
202	10.519	10.483	10.540	HH	32638	755248	4.01%	0.068%
203	10.570	10.540	10.584	HH	20092	486546	2.58%	0.044%
204	10.595	10.584	10.601	HH	18861	187997	1.00%	0.017%
205	10.614	10.601	10.626	HH	23240	316557	1.68%	0.028%
206	10.637	10.626	10.650	HH	23509	295757	1.57%	0.026%
207	10.675	10.650	10.707	HH	30586	841703	4.46%	0.075%
208	10.715	10.707	10.729	HH	19527	243868	1.29%	0.022%
209	10.773	10.729	10.820	HH	20964	1002478	5.32%	0.090%
210	10.838	10.820	10.846	HH	21918	300577	1.59%	0.027%
211	10.871	10.846	10.915	HH	259029	3460275	18.35%	0.310%
212	10.943	10.915	10.966	HH	80013	1185090	6.29%	0.106%
213	10.975	10.966	10.990	HH	19919	270680	1.44%	0.024%
214	10.995	10.990	11.028	HH	18274	390395	2.07%	0.035%
215	11.046	11.028	11.063	HH	17153	349887	1.86%	0.031%
216	11.094	11.063	11.111	HH	29231	617581	3.28%	0.055%
217	11.116	11.111	11.136	HH	21277	295941	1.57%	0.026%
218	11.157	11.136	11.200	HH	38431	889507	4.72%	0.080%
219	11.234	11.200	11.240	HH	17700	395779	2.10%	0.035%
220	11.288	11.240	11.300	HH	22258	725968	3.85%	0.065%
221	11.318	11.300	11.330	HH	26984	425426	2.26%	0.038%
222	11.338	11.330	11.353	HH	24833	328663	1.74%	0.029%
223	11.360	11.353	11.366	HH	21737	166212	0.88%	0.015%
224	11.404	11.366	11.442	HH	31344	1148039	6.09%	0.103%
225	11.471	11.442	11.491	HH	25778	625426	3.32%	0.056%
226	11.516	11.491	11.539	HH	26647	661658	3.51%	0.059%
227	11.578	11.539	11.610	HH	31080	1040786	5.52%	0.093%
228	11.625	11.610	11.646	HH	23715	483903	2.57%	0.043%
229	11.673	11.646	11.687	HH	63255	991456	5.26%	0.089%
230	11.703	11.687	11.728	HH	76144	1130668	6.00%	0.101%
231	11.736	11.728	11.746	HH	24065	266676	1.41%	0.024%
232	11.788	11.746	11.805	HH	57282	1375947	7.30%	0.123%
233	11.821	11.805	11.835	HH	52878	761469	4.04%	0.068%
234	11.851	11.835	11.882	HH	63167	1113937	5.91%	0.100%
235	11.895	11.882	11.907	HH	23436	346981	1.84%	0.031%
236	11.930	11.907	11.952	HH	27700	684195	3.63%	0.061%
237	11.989	11.952	12.007	HH	34871	961442	5.10%	0.086%
238	12.028	12.007	12.050	HH	49942	961622	5.10%	0.086%
239	12.081	12.050	12.117	HH	51701	1505843	7.99%	0.135%
240	12.143	12.117	12.170	HH	56841	1234236	6.55%	0.110%
241	12.175	12.170	12.188	HH	29962	325812	1.73%	0.029%
242	12.200	12.188	12.209	HH	29751	374327	1.99%	0.034%
243	12.281	12.209	12.336	HH	524098	12493978	66.27%	1.119%
244	12.347	12.336	12.364	HH	37600	614435	3.26%	0.055%
245	12.394	12.364	12.434	HH	41177	1566387	8.31%	0.140%
246	12.464	12.434	12.474	HH	45990	966998	5.13%	0.087%

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247	12.479	12.474	12.503	HH	42887	663934	3.52%	0.059%
248	12.525	12.503	12.553	HH	55421	1316173	6.98%	0.118%
249	12.575	12.553	12.594	HH	68938	1283472	6.81%	0.115%
250	12.634	12.594	12.664	HH	55910	2018553	10.71%	0.181%
251	12.696	12.664	12.731	HH	468082	6410299	34.00%	0.574%
252	12.752	12.731	12.771	HH	39667	900018	4.77%	0.081%
253	12.790	12.771	12.804	HH	40513	789396	4.19%	0.071%
254	12.826	12.804	12.839	HH	50360	958162	5.08%	0.086%
255	12.874	12.839	12.892	HH	65122	1736998	9.21%	0.156%
256	12.897	12.892	12.920	HH	53565	842207	4.47%	0.075%
257	12.929	12.920	12.958	HH	45422	969154	5.14%	0.087%
258	12.995	12.958	13.016	HH	419211	5852537	31.04%	0.524%
259	13.046	13.016	13.061	HH	77167	1611060	8.55%	0.144%
260	13.077	13.061	13.106	HH	80588	1553674	8.24%	0.139%
261	13.128	13.106	13.141	HH	45785	911606	4.84%	0.082%
262	13.162	13.141	13.175	HH	57864	1060729	5.63%	0.095%
263	13.194	13.175	13.215	HH	59279	1245663	6.61%	0.112%
264	13.260	13.215	13.292	HH	120323	3263152	17.31%	0.292%
265	13.316	13.292	13.366	HH	93383	3012119	15.98%	0.270%
266	13.387	13.366	13.402	HH	65789	1299208	6.89%	0.116%
267	13.413	13.402	13.427	HH	60875	848943	4.50%	0.076%
268	13.450	13.427	13.459	HH	83603	1424809	7.56%	0.128%
269	13.495	13.459	13.536	HH	351009	7145236	37.90%	0.640%
270	13.579	13.536	13.619	HH	118323	3902883	20.70%	0.349%
271	13.647	13.619	13.661	HH	63242	1532654	8.13%	0.137%
272	13.689	13.661	13.709	HH	94857	2148563	11.40%	0.192%
273	13.726	13.709	13.749	HH	94773	1868887	9.91%	0.167%
274	13.768	13.749	13.796	HH	71342	1825038	9.68%	0.163%
275	13.833	13.796	13.841	HH	82138	1948806	10.34%	0.174%
276	13.857	13.841	13.876	HH	98707	1785904	9.47%	0.160%
277	13.896	13.876	13.939	HH	93330	2731008	14.49%	0.244%
278	13.972	13.939	13.991	HH	73427	2099549	11.14%	0.188%
279	14.010	13.991	14.020	HH	66021	1105094	5.86%	0.099%
280	14.041	14.020	14.075	HH	80171	2397853	12.72%	0.215%
281	14.085	14.075	14.094	HH	68605	784833	4.16%	0.070%
282	14.109	14.094	14.129	HH	68334	1382539	7.33%	0.124%
283	14.139	14.129	14.143	HH	66318	537522	2.85%	0.048%
284	14.161	14.143	14.178	HH	68493	1415508	7.51%	0.127%
285	14.221	14.178	14.241	HH	102876	3040855	16.13%	0.272%
286	14.269	14.241	14.292	HH	85305	2485623	13.18%	0.223%
287	14.315	14.292	14.355	HH	111123	3283524	17.42%	0.294%
288	14.394	14.355	14.445	HH	91977	4400805	23.34%	0.394%
289	14.494	14.445	14.511	HH	108074	3649657	19.36%	0.327%
290	14.518	14.511	14.534	HH	87442	1150722	6.10%	0.103%
291	14.558	14.534	14.581	HH	139022	2999077	15.91%	0.268%
292	14.619	14.581	14.643	HH	125642	3685267	19.55%	0.330%
293	14.648	14.643	14.664	HH	83785	1075530	5.70%	0.096%
294	14.682	14.664	14.695	HH	88757	1621527	8.60%	0.145%
295	14.735	14.695	14.770	HH	581935	10525545	55.83%	0.942%
296	14.781	14.770	14.801	HH	89930	1619354	8.59%	0.145%
297	14.825	14.801	14.842	HH	103465	2318221	12.30%	0.208%
298	14.874	14.842	14.894	HH	295728	5422154	28.76%	0.485%
299	14.916	14.894	14.946	HH	298428	5230917	27.75%	0.468%

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300	14.964	14.946	14.998	HH	95261	2901959	15.39% 0.260%
301	15.034	14.998	15.057	HH	131822	3740904	19.84% 0.335%
302	15.070	15.057	15.086	HH	96791	1681842	8.92% 0.151%
303	15.112	15.086	15.147	HH	105953	3539505	18.77% 0.317%
304	15.177	15.147	15.193	HH	112002	2839898	15.06% 0.254%
305	15.211	15.193	15.242	HH	108834	3052272	16.19% 0.273%
306	15.247	15.242	15.271	HH	103362	1789477	9.49% 0.160%
307	15.278	15.271	15.282	HH	98137	643313	3.41% 0.058%
308	15.317	15.282	15.385	HH	506757	11798306	62.58% 1.056%
309	15.392	15.385	15.403	HH	104068	1090427	5.78% 0.098%
310	15.410	15.403	15.419	HH	104082	1033434	5.48% 0.093%
311	15.474	15.419	15.495	HH	158706	5544867	29.41% 0.496%
312	15.509	15.495	15.515	HH	118063	1383950	7.34% 0.124%
313	15.546	15.515	15.567	HH	158709	4170693	22.12% 0.373%
314	15.585	15.567	15.612	HH	133124	3251085	17.24% 0.291%
315	15.630	15.612	15.643	HH	113900	2050152	10.87% 0.184%
316	15.706	15.643	15.740	HH	136879	7186503	38.12% 0.643%
317	15.750	15.740	15.754	HH	113381	951390	5.05% 0.085%
318	15.784	15.754	15.813	HH	125983	4166160	22.10% 0.373%
319	15.833	15.813	15.853	HH	127951	2925022	15.52% 0.262%
320	15.869	15.853	15.886	HH	125673	2378956	12.62% 0.213%
321	15.903	15.886	15.931	HH	128790	3364387	17.85% 0.301%
322	15.960	15.931	16.006	HH	133150	5638683	29.91% 0.505%
323	16.025	16.006	16.038	HH	121778	2295979	12.18% 0.206%
324	16.047	16.038	16.053	HH	122279	1108131	5.88% 0.099%
325	16.056	16.053	16.064	HH	122410	784278	4.16% 0.070%
326	16.102	16.064	16.113	HH	124220	3643459	19.33% 0.326%
327	16.160	16.113	16.196	HH	143241	6612944	35.08% 0.592%
328	16.219	16.196	16.238	HH	138946	3327533	17.65% 0.298%
329	16.265	16.238	16.291	HH	149363	4554493	24.16% 0.408%
330	16.332	16.291	16.378	HH	215369	8719538	46.25% 0.781%
331	16.387	16.378	16.404	HH	150104	2298824	12.19% 0.206%
332	16.440	16.404	16.458	HH	351877	7826418	41.51% 0.701%
333	16.466	16.458	16.489	HH	231515	3456290	18.33% 0.309%
334	16.496	16.489	16.501	HH	146138	1063569	5.64% 0.095%
335	16.522	16.501	16.542	HH	152116	3660601	19.42% 0.328%
336	16.566	16.542	16.589	HH	194179	4823237	25.58% 0.432%
337	16.600	16.589	16.641	HH	162009	4855872	25.76% 0.435%
338	16.663	16.641	16.667	HH	157218	2403063	12.75% 0.215%
339	16.695	16.667	16.705	HH	171844	3735682	19.82% 0.334%
340	16.762	16.705	16.786	HH	294659	9846311	52.23% 0.881%
341	16.820	16.786	16.846	HH	336529	8197410	43.48% 0.734%
342	16.917	16.846	16.955	HH	230982	12379557	65.67% 1.108%
343	16.972	16.955	16.991	HH	186366	4006022	21.25% 0.359%
344	16.996	16.991	17.004	HH	180728	1328161	7.04% 0.119%
345	17.020	17.004	17.025	HH	182343	2370511	12.57% 0.212%
346	17.049	17.025	17.054	HH	187964	3169375	16.81% 0.284%
347	17.059	17.054	17.092	HH	187460	4232448	22.45% 0.379%
348	17.160	17.092	17.170	HH	204819	8968719	47.57% 0.803%
349	17.184	17.170	17.213	HH	202164	5159620	27.37% 0.462%
350	17.233	17.213	17.246	HH	199367	3921376	20.80% 0.351%
351	17.252	17.246	17.256	HH	194992	1203946	6.39% 0.108%

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352	17.277	17.256	17.297	HH	220565	5060204	26.84%	0.453%
353	17.328	17.297	17.332	HH	220141	4507748	23.91%	0.404%
354	17.357	17.332	17.382	HH	239478	6632487	35.18%	0.594%
355	17.401	17.382	17.420	HH	210438	4696423	24.91%	0.420%
356	17.438	17.420	17.457	HH	212173	4613916	24.47%	0.413%
357	17.481	17.457	17.508	HH	234379	6637826	35.21%	0.594%
358	17.538	17.508	17.556	HH	213123	5992247	31.78%	0.536%
359	17.573	17.556	17.607	HH	212836	6323616	33.54%	0.566%
360	17.611	17.607	17.615	HH	206071	984047	5.22%	0.088%
361	17.659	17.615	17.676	HH	218379	7826576	41.51%	0.701%
362	17.704	17.676	17.711	HH	231563	4618703	24.50%	0.413%
363	17.717	17.711	17.741	HH	229029	4025632	21.35%	0.360%
364	17.799	17.741	17.832	HH	281411	13640720	72.35%	1.221%
365	17.853	17.832	17.868	HH	226291	4645369	24.64%	0.416%
366	17.886	17.868	17.905	HH	231004	5099172	27.05%	0.456%
367	17.916	17.905	17.927	HH	227987	2976347	15.79%	0.266%
368	17.958	17.927	17.969	HH	262786	6243730	33.12%	0.559%
369	17.974	17.969	18.011	HH	254642	5994023	31.79%	0.537%
370	18.033	18.011	18.075	HH	246507	8925180	47.34%	0.799%
371	18.102	18.075	18.116	HH	252930	5960959	31.62%	0.534%
372	18.130	18.116	18.138	HH	249214	3193737	16.94%	0.286%
373	18.160	18.138	18.180	HH	369955	7869390	41.74%	0.704%
374	18.196	18.180	18.212	HH	337821	6042932	32.05%	0.541%
375	18.225	18.212	18.263	HH	289806	7875701	41.78%	0.705%
376	18.276	18.263	18.296	HH	246570	4894562	25.96%	0.438%
377	18.322	18.296	18.343	HH	301975	7498634	39.78%	0.671%
378	18.360	18.343	18.420	HH	267581	11843361	62.82%	1.060%
379	18.454	18.420	18.480	HH	342830	10154427	53.86%	0.909%
380	18.527	18.480	18.533	HH	262128	7999614	42.43%	0.716%
381	18.537	18.533	18.553	HH	261630	3031810	16.08%	0.271%
382	18.579	18.553	18.606	HH	277649	8297368	44.01%	0.743%
383	18.629	18.606	18.671	HH	295463	10376048	55.04%	0.929%
384	18.688	18.671	18.698	HH	244081	3885056	20.61%	0.348%
385	18.722	18.698	18.729	HH	265410	4731177	25.10%	0.424%
386	18.748	18.729	18.775	HH	271786	7325025	38.85%	0.656%
387	18.794	18.775	18.834	HH	275620	9027446	47.88%	0.808%
388	18.853	18.834	18.867	HH	248749	4899722	25.99%	0.439%
389	18.891	18.867	18.900	HH	257781	4945597	26.23%	0.443%
390	18.918	18.900	18.943	HH	267212	6672432	35.39%	0.597%
391	18.993	18.943	19.015	HH	342885	12387719	65.71%	1.109%
392	19.038	19.015	19.059	HH	303786	7778387	41.26%	0.696%
393	19.069	19.059	19.105	HH	292089	7515316	39.86%	0.673%
394	19.134	19.105	19.155	HH	274259	7855712	41.67%	0.703%
395	19.166	19.155	19.194	HH	276859	6370717	33.79%	0.570%
396	19.207	19.194	19.228	HH	254105	5103452	27.07%	0.457%
397	19.236	19.228	19.242	HH	255618	2157177	11.44%	0.193%
398	19.273	19.242	19.294	HH	263019	8064891	42.78%	0.722%
399	19.301	19.294	19.308	HH	261701	2185057	11.59%	0.196%
400	19.330	19.308	19.365	HH	278725	9081788	48.17%	0.813%
401	19.378	19.365	19.383	HH	256441	2764778	14.67%	0.248%
402	19.419	19.383	19.439	HH	274335	8817993	46.77%	0.789%
403	19.459	19.439	19.473	HH	269184	5267067	27.94%	0.472%
404	19.489	19.473	19.512	HH	277587	6438150	34.15%	0.576%

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405	19.536	19.512	19.558	HH	277826	7476373	39.66%	0.669%
406	19.582	19.558	19.592	HH	299567	5820976	30.88%	0.521%
407	19.612	19.592	19.642	HH	302547	8769351	46.52%	0.785%
408	19.649	19.642	19.657	HH	273929	2397810	12.72%	0.215%
409	19.687	19.657	19.735	HH	305147	13367931	70.91%	1.197%
410	19.744	19.735	19.748	HH	278340	2066143	10.96%	0.185%
411	19.782	19.748	19.830	HH	614695	18852542	100.00%	1.688%
412	19.833	19.830	19.853	HH	276291	3815843	20.24%	0.342%
413	19.858	19.853	19.877	HH	273410	3898456	20.68%	0.349%
414	19.897	19.877	19.919	HH	276902	6905255	36.63%	0.618%
415	19.937	19.919	19.946	HH	272583	4324965	22.94%	0.387%
416	19.999	19.946	20.024	HH	324432	13853139	73.48%	1.240%
417	20.037	20.024	20.048	HH	300056	4290127	22.76%	0.384%
418	20.069	20.048	20.128	HH	310664	14288008	75.79%	1.279%
419	20.151	20.128	20.194	HH	296927	11413977	60.54%	1.022%
420	20.201	20.194	20.211	HH	284422	2977715	15.79%	0.267%
421	20.231	20.211	20.236	HH	290572	4122917	21.87%	0.369%
422	20.241	20.236	20.262	HH	293357	4597515	24.39%	0.412%
423	20.274	20.262	20.287	HH	290232	4263265	22.61%	0.382%
424	20.293	20.287	20.299	HH	287043	2057040	10.91%	0.184%
425	20.306	20.299	20.313	HH	289385	2319322	12.30%	0.208%
426	20.322	20.313	20.329	HH	290985	2912251	15.45%	0.261%
427	20.336	20.329	20.344	HH	290813	2497357	13.25%	0.224%
428	20.370	20.344	20.393	HH	303487	8838056	46.88%	0.791%
429	20.400	20.393	20.458	HH	294110	11195889	59.39%	1.002%
430	20.480	20.458	20.485	HH	293608	4715493	25.01%	0.422%
431	20.493	20.485	20.497	HH	292363	2096682	11.12%	0.188%
432	20.519	20.497	20.556	HH	306260	10342181	54.86%	0.926%
433	20.578	20.556	20.616	HH	284265	10011706	53.11%	0.896%
434	20.651	20.616	20.669	HH	284796	8880839	47.11%	0.795%
435	20.675	20.669	20.683	HH	285136	2353409	12.48%	0.211%
436	20.709	20.683	20.715	HH	283014	5470180	29.02%	0.490%
437	20.726	20.715	20.732	HH	287082	2827931	15.00%	0.253%
438	20.738	20.732	20.745	HH	286725	2297109	12.18%	0.206%
439	20.753	20.745	20.757	HH	285552	2038781	10.81%	0.183%
440	20.761	20.757	20.776	HH	286172	3245647	17.22%	0.291%
441	20.792	20.776	20.798	HH	290301	3716657	19.71%	0.333%
442	20.804	20.798	20.817	HH	289252	3256389	17.27%	0.292%
443	20.824	20.817	20.869	HH	286588	8811098	46.74%	0.789%
444	20.875	20.869	20.882	HH	274246	2045204	10.85%	0.183%
445	20.903	20.882	20.907	HH	282968	4208915	22.33%	0.377%
446	20.911	20.907	20.938	HH	284029	5031292	26.69%	0.450%
447	20.952	20.938	20.957	HH	265924	3001176	15.92%	0.269%
448	20.959	20.957	20.974	HH	264337	2753377	14.60%	0.246%
449	20.980	20.974	20.986	HH	260117	1725204	9.15%	0.154%
450	21.011	20.986	21.020	HH	264827	5396029	28.62%	0.483%
451	21.030	21.020	21.063	HH	265791	6794160	36.04%	0.608%
452	21.071	21.063	21.093	HH	260422	4696782	24.91%	0.420%
453	21.106	21.093	21.111	HH	257293	2768427	14.68%	0.248%
454	21.123	21.111	21.134	HH	259253	3426009	18.17%	0.307%
455	21.138	21.134	21.161	HH	253820	4071788	21.60%	0.365%
456	21.166	21.161	21.174	HH	251105	2004084	10.63%	0.179%

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457	21.189	21.174	21.205	HH	249453	4565119	24.21%	0.409%
458	21.212	21.205	21.219	HH	246958	2072441	10.99%	0.186%
459	21.230	21.219	21.236	HH	250171	2612663	13.86%	0.234%
460	21.241	21.236	21.259	HH	247622	3315809	17.59%	0.297%
461	21.264	21.259	21.270	HH	244094	1574028	8.35%	0.141%
462	21.286	21.270	21.298	HH	246186	4112750	21.82%	0.368%
463	21.304	21.298	21.309	HH	245388	1634363	8.67%	0.146%
464	21.349	21.309	21.371	HH	262505	9575803	50.79%	0.857%
465	21.380	21.371	21.389	HH	256477	2708034	14.36%	0.242%
466	21.414	21.389	21.438	HH	257987	7471827	39.63%	0.669%
467	21.443	21.438	21.450	HH	246173	1784501	9.47%	0.160%
468	21.455	21.450	21.471	HH	244015	3074596	16.31%	0.275%
469	21.481	21.471	21.503	HH	243287	4560121	24.19%	0.408%
470	21.507	21.503	21.534	HH	235794	4353093	23.09%	0.390%
471	21.564	21.534	21.571	HH	232224	5024157	26.65%	0.450%
472	21.582	21.571	21.587	HH	232671	2296121	12.18%	0.206%
473	21.595	21.587	21.615	HH	233837	3805873	20.19%	0.341%
474	21.620	21.615	21.628	HH	229702	1806923	9.58%	0.162%
475	21.635	21.628	21.647	HH	231530	2606267	13.82%	0.233%
476	21.654	21.647	21.660	HH	230053	1888793	10.02%	0.169%
477	21.665	21.660	21.685	HH	229783	3309749	17.56%	0.296%
478	21.728	21.685	21.775	HH	235161	12372615	65.63%	1.108%
479	21.782	21.775	21.786	HH	224070	1465070	7.77%	0.131%
480	21.848	21.786	21.896	HH	242829	15484545	82.14%	1.386%
481	21.904	21.896	21.917	HH	221080	2749686	14.59%	0.246%
					Sum of corrected areas:	1117023372		

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