

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060321\
 Data File : FE033865.D
 Signal(s) : FID1B.CH
 Acq On : 03 Jun 2021 11:25
 Sample : M2580-05 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050521.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.416	2.372	2.512	BH	-66	-49827	-0.34%	-0.005%
2	2.519	2.512	2.525	PH	-1158	-8740	-0.06%	-0.001%
3	2.543	2.525	2.566	PH	-1106	-30599	-0.21%	-0.003%
4	2.584	2.566	2.625	PH	-1123	-49439	-0.34%	-0.005%
5	2.637	2.625	2.661	PH	-846	-29765	-0.20%	-0.003%
6	2.676	2.661	2.683	PH	-1564	-22508	-0.15%	-0.002%
7	2.687	2.683	2.724	PH	-1553	-45770	-0.31%	-0.005%
8	2.734	2.724	2.756	PH	-1809	-37756	-0.26%	-0.004%
9	2.758	2.756	2.788	PH	-2071	-43126	-0.29%	-0.005%
10	2.799	2.788	2.810	PH	-2244	-31880	-0.22%	-0.003%
11	2.820	2.810	2.837	PH	-2268	-38948	-0.27%	-0.004%
12	2.857	2.837	2.899	PH	-2398	-96631	-0.66%	-0.010%
13	2.915	2.899	2.930	PH	-2814	-53855	-0.37%	-0.006%
14	2.949	2.930	2.977	PH	-1953	-68716	-0.47%	-0.007%
15	2.981	2.977	2.986	PH	-2806	-14411	-0.10%	-0.002%
16	2.991	2.986	2.997	PH	-2777	-19067	-0.13%	-0.002%
17	3.014	2.997	3.063	PH	-2540	-110068	-0.75%	-0.012%
18	3.070	3.063	3.076	PH	-3020	-24298	-0.17%	-0.003%
19	3.101	3.076	3.108	PH	-2689	-56369	-0.38%	-0.006%
20	3.116	3.108	3.120	PH	-2687	-21000	-0.14%	-0.002%
21	3.126	3.120	3.133	PH	-2642	-20156	-0.14%	-0.002%
22	3.137	3.133	3.144	PH	-2771	-18996	-0.13%	-0.002%
23	3.152	3.144	3.160	PH	-2737	-27853	-0.19%	-0.003%
24	3.165	3.160	3.178	PH	-2797	-29994	-0.20%	-0.003%
25	3.196	3.178	3.223	PH	-1993	-74002	-0.51%	-0.008%
26	3.233	3.223	3.249	PH	-3048	-49522	-0.34%	-0.005%
27	3.254	3.249	3.270	PH	-3242	-40809	-0.28%	-0.004%
28	3.276	3.270	3.278	PH	-3284	-16302	-0.11%	-0.002%
29	3.291	3.278	3.314	PH	-3064	-68778	-0.47%	-0.007%
30	3.322	3.314	3.394	PH	-3184	-163245	-1.11%	-0.017%
31	3.406	3.394	3.426	PH	-3165	-65514	-0.45%	-0.007%

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32	3.440	3.426	3.462	PH	-3240	-70664	-0.48%	-0.007%
33	3.467	3.462	3.484	PH	-3248	-44953	-0.31%	-0.005%
34	3.491	3.484	3.500	PH	-3376	-32122	-0.22%	-0.003%
35	3.514	3.500	3.518	PH	-3374	-39002	-0.27%	-0.004%
36	3.523	3.518	3.537	PH	-3350	-38295	-0.26%	-0.004%
37	3.542	3.537	3.551	PH	-3313	-29412	-0.20%	-0.003%
38	3.562	3.551	3.583	PH	-3401	-66989	-0.46%	-0.007%
39	3.596	3.583	3.632	PH	-3178	-99194	-0.68%	-0.010%
40	3.641	3.632	3.646	PH	-3533	-30309	-0.21%	-0.003%
41	3.678	3.646	3.691	PH	-3374	-95013	-0.65%	-0.010%
42	3.705	3.691	3.719	PH	-3476	-59044	-0.40%	-0.006%
43	3.724	3.719	3.738	PH	-3582	-43472	-0.30%	-0.005%
44	3.744	3.738	3.751	PH	-3663	-26988	-0.18%	-0.003%
45	3.771	3.751	3.796	PH	-3085	-94639	-0.65%	-0.010%
46	3.815	3.796	3.835	PH	-3475	-84656	-0.58%	-0.009%
47	3.847	3.835	3.877	PH	-3556	-91183	-0.62%	-0.010%
48	3.893	3.877	3.904	PH	-3536	-59800	-0.41%	-0.006%
49	3.918	3.904	3.925	PH	-3574	-46036	-0.31%	-0.005%
50	3.939	3.925	3.952	PH	-3550	-59113	-0.40%	-0.006%
51	3.960	3.952	3.975	PH	-3652	-51385	-0.35%	-0.005%
52	3.981	3.975	3.992	PH	-3722	-37835	-0.26%	-0.004%
53	3.997	3.992	4.007	PH	-3764	-35536	-0.24%	-0.004%
54	4.028	4.007	4.036	PH	-3769	-65776	-0.45%	-0.007%
55	4.041	4.036	4.047	PH	-3757	-26259	-0.18%	-0.003%
56	4.076	4.047	4.111	PH	-2848	-126880	-0.87%	-0.013%
57	4.116	4.111	4.133	PH	-3421	-46090	-0.31%	-0.005%
58	4.154	4.133	4.194	PH	-3208	-127351	-0.87%	-0.013%
59	4.231	4.194	4.246	PH	-3026	-106715	-0.73%	-0.011%
60	4.258	4.246	4.282	PH	-2419	-67574	-0.46%	-0.007%
61	4.289	4.282	4.304	PH	-3434	-44884	-0.31%	-0.005%
62	4.329	4.304	4.369	PH	-3242	-134042	-0.91%	-0.014%
63	4.376	4.369	4.385	PH	-3535	-35809	-0.24%	-0.004%
64	4.390	4.385	4.402	PH	-3599	-36572	-0.25%	-0.004%
65	4.420	4.402	4.439	PH	-3470	-78249	-0.53%	-0.008%
66	4.458	4.439	4.482	PH	-3068	-86384	-0.59%	-0.009%
67	4.487	4.482	4.494	PH	-3377	-23965	-0.16%	-0.003%
68	4.506	4.494	4.512	PH	-3363	-38381	-0.26%	-0.004%
69	4.532	4.512	4.543	PH	-3223	-60983	-0.42%	-0.006%
70	4.550	4.543	4.558	PH	-3253	-30492	-0.21%	-0.003%
71	4.573	4.558	4.592	PH	-3348	-70824	-0.48%	-0.007%
72	4.607	4.592	4.636	PH	-2960	-89947	-0.61%	-0.010%
73	4.679	4.636	4.699	PH	-3465	-138221	-0.94%	-0.015%
74	4.710	4.699	4.724	PH	-3539	-54487	-0.37%	-0.006%
75	4.728	4.724	4.731	PH	-3591	-15204	-0.10%	-0.002%
76	4.742	4.731	4.776	PH	-3337	-94790	-0.65%	-0.010%
77	4.796	4.776	4.809	PH	-3410	-70339	-0.48%	-0.007%
78	4.819	4.809	4.824	PH	-3415	-31121	-0.21%	-0.003%
79	4.840	4.824	4.853	PH	-3359	-60223	-0.41%	-0.006%

80	4.882	4.853	4.903	PH	rteres -3289	-103396	-0.71%	-0.011%
81	4.909	4.903	4.925	PH	-3357	-44237	-0.30%	-0.005%
82	4.931	4.925	4.946	PH	-3352	-43936	-0.30%	-0.005%
83	4.951	4.946	4.957	PH	-3488	-23652	-0.16%	-0.003%
84	4.962	4.957	4.985	PH	-3505	-59511	-0.41%	-0.006%
85	4.993	4.985	4.999	PH	-3550	-29006	-0.20%	-0.003%
86	5.018	4.999	5.041	PH	-3382	-87849	-0.60%	-0.009%
87	5.059	5.041	5.074	PH	-3337	-67334	-0.46%	-0.007%
88	5.090	5.074	5.107	PH	-3311	-66950	-0.46%	-0.007%
89	5.114	5.107	5.129	PH	-3329	-44786	-0.31%	-0.005%
90	5.134	5.129	5.148	PH	-3313	-37676	-0.26%	-0.004%
91	5.152	5.148	5.169	PH	-3364	-44178	-0.30%	-0.005%
92	5.174	5.169	5.181	PH	-3458	-24596	-0.17%	-0.003%
93	5.195	5.181	5.219	PH	-3252	-77954	-0.53%	-0.008%
94	5.232	5.219	5.254	PH	-3313	-70879	-0.48%	-0.007%
95	5.267	5.254	5.274	PH	-3338	-41994	-0.29%	-0.004%
96	5.277	5.274	5.283	PH	-3363	-18096	-0.12%	-0.002%
97	5.311	5.283	5.331	PH	-1983	-80989	-0.55%	-0.009%
98	5.344	5.331	5.357	PH	-3063	-50525	-0.34%	-0.005%
99	5.372	5.357	5.404	PH	-3053	-91064	-0.62%	-0.010%
100	5.408	5.404	5.424	PH	-3441	-40886	-0.28%	-0.004%
101	5.433	5.424	5.457	PH	-3357	-69658	-0.48%	-0.007%
102	5.491	5.457	5.526	PH	-2892	-130846	-0.89%	-0.014%
103	5.533	5.526	5.574	PH	-3050	-89353	-0.61%	-0.009%
104	5.601	5.574	5.660	PH	-2724	-163089	-1.11%	-0.017%
105	5.677	5.660	5.692	PH	-3121	-61122	-0.42%	-0.006%
106	5.697	5.692	5.705	PH	-3210	-25681	-0.18%	-0.003%
107	5.721	5.705	5.737	PH	-3182	-60848	-0.42%	-0.006%
108	5.763	5.737	5.769	PH	-3011	-58870	-0.40%	-0.006%
109	5.775	5.769	5.781	PH	-2978	-22015	-0.15%	-0.002%
110	5.803	5.781	5.813	PH	-2910	-58044	-0.40%	-0.006%
111	5.819	5.813	5.824	PH	-2961	-19945	-0.14%	-0.002%
112	5.831	5.824	5.839	PH	-2919	-26545	-0.18%	-0.003%
113	5.842	5.839	5.852	PH	-2978	-23611	-0.16%	-0.002%
114	5.859	5.852	5.866	PH	-2904	-24492	-0.17%	-0.003%
115	5.871	5.866	5.886	PH	-3022	-38378	-0.26%	-0.004%
116	5.898	5.886	5.922	PH	-3021	-66616	-0.45%	-0.007%
117	5.936	5.922	5.947	PH	-2851	-44865	-0.31%	-0.005%
118	5.950	5.947	5.964	PH	-2904	-30607	-0.21%	-0.003%
119	5.979	5.964	5.989	PH	-3069	-46330	-0.32%	-0.005%
120	6.015	5.989	6.021	PH	-2958	-58660	-0.40%	-0.006%
121	6.044	6.021	6.080	PH	-904	-80465	-0.55%	-0.009%
122	6.086	6.080	6.091	PH	-2777	-17388	-0.12%	-0.002%
123	6.093	6.091	6.097	PH	-2780	-10637	-0.07%	-0.001%
124	6.102	6.097	6.116	PH	-2748	-31482	-0.21%	-0.003%
125	6.122	6.116	6.146	PH	-2742	-50300	-0.34%	-0.005%
126	6.181	6.146	6.200	PH	-2470	-86910	-0.59%	-0.009%

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127	6.206	6.200	6.215	PH	-2591	-23882	-0.16%	-0.003%
128	6.220	6.215	6.225	PH	-2716	-16514	-0.11%	-0.002%
129	6.257	6.225	6.284	PH	-2566	-93212	-0.64%	-0.010%
130	6.288	6.284	6.292	PH	-2519	-11994	-0.08%	-0.001%
131	6.317	6.292	6.339	PH	-1904	-65731	-0.45%	-0.007%
132	6.359	6.339	6.384	PH	-2329	-68780	-0.47%	-0.007%
133	6.391	6.384	6.396	PH	-2649	-19108	-0.13%	-0.002%
134	6.399	6.396	6.407	PH	-2730	-18275	-0.12%	-0.002%
135	6.410	6.407	6.419	PH	-2702	-18870	-0.13%	-0.002%
136	6.437	6.419	6.446	PH	-2684	-44280	-0.30%	-0.005%
137	6.471	6.446	6.514	PH	-2066	-100145	-0.68%	-0.011%
138	6.550	6.514	6.566	PH	-2445	-79246	-0.54%	-0.008%
139	6.575	6.566	6.581	PH	-2515	-23202	-0.16%	-0.002%
140	6.624	6.581	6.645	PH	-2129	-92164	-0.63%	-0.010%
141	6.665	6.645	6.671	PH	-2244	-35709	-0.24%	-0.004%
142	6.675	6.671	6.701	PH	-2278	-43428	-0.30%	-0.005%
143	6.707	6.701	6.712	PH	-2412	-16298	-0.11%	-0.002%
144	6.731	6.712	6.737	PH	-2290	-35572	-0.24%	-0.004%
145	6.744	6.737	6.774	PH	-2328	-53343	-0.36%	-0.006%
146	6.779	6.774	6.784	PH	-2440	-14870	-0.10%	-0.002%
147	6.793	6.784	6.821	PH	-2178	-54039	-0.37%	-0.006%
148	6.854	6.821	6.864	PH	-2351	-63804	-0.44%	-0.007%
149	6.876	6.864	6.884	PH	-2325	-28767	-0.20%	-0.003%
150	6.909	6.884	6.926	PH	-2130	-56450	-0.39%	-0.006%
151	6.995	6.926	7.019	PH	-1581	-101680	-0.69%	-0.011%
152	7.024	7.019	7.045	PH	-1675	-28343	-0.19%	-0.003%
153	7.097	7.045	7.122	PH	-987	-79291	-0.54%	-0.008%
154	7.126	7.122	7.132	PH	-1755	-11088	-0.08%	-0.001%
155	7.145	7.132	7.163	PH	-1685	-31960	-0.22%	-0.003%
156	7.172	7.163	7.192	PH	-1682	-32386	-0.22%	-0.003%
157	7.197	7.192	7.212	PH	-1882	-23533	-0.16%	-0.002%
158	7.232	7.212	7.249	PH	-1202	-36881	-0.25%	-0.004%
159	7.266	7.249	7.279	PH	-1250	-28073	-0.19%	-0.003%
160	7.296	7.279	7.314	PH	-1400	-34283	-0.23%	-0.004%
161	7.341	7.314	7.356	PH	-1618	-43900	-0.30%	-0.005%
162	7.393	7.356	7.467	PH	-831	-95395	-0.65%	-0.010%
163	7.478	7.467	7.483	PH	-1530	-16133	-0.11%	-0.002%
164	7.495	7.483	7.505	PH	-1603	-22110	-0.15%	-0.002%
165	7.522	7.505	7.530	PH	-1556	-24381	-0.17%	-0.003%
166	7.548	7.530	7.559	PH	-1509	-27520	-0.19%	-0.003%
167	7.564	7.559	7.597	PH	-1515	-38185	-0.26%	-0.004%
168	7.601	7.597	7.610	PH	-1688	-13586	-0.09%	-0.001%
169	7.625	7.610	7.644	PH	-1628	-34052	-0.23%	-0.004%
170	7.649	7.644	7.658	PH	-1668	-13943	-0.10%	-0.001%
171	7.686	7.658	7.712	PH	-1193	-47369	-0.32%	-0.005%
172	7.718	7.712	7.721	PH	-1505	-8037	-0.05%	-0.001%
173	7.741	7.721	7.746	PH	-1415	-21709	-0.15%	-0.002%
174	7.755	7.746	7.774	PH	-1298	-23217	-0.16%	-0.002%

175	7.824	7.774	7.839	PH	rteres -781	-45903	-0.31%	-0.005%
176	7.847	7.839	7.894	PH	-854	-35788	-0.24%	-0.004%
177	7.919	7.894	7.940	PH	-1193	-35448	-0.24%	-0.004%
178	7.986	7.940	7.990	PH	-1101	-38416	-0.26%	-0.004%
179	8.005	7.990	8.033	PH	-840	-25798	-0.18%	-0.003%
180	8.043	8.033	8.052	PH	-1071	-13351	-0.09%	-0.001%
181	8.086	8.052	8.102	PH	-459	-22227	-0.15%	-0.002%
182	8.124	8.102	8.128	PH	-765	-12413	-0.08%	-0.001%
183	8.160	8.128	8.181	PH	300	-8316	-0.06%	-0.001%
184	8.194	8.181	8.211	PH	7	-5456	-0.04%	-0.001%
185	8.229	8.211	8.246	PH	508	2283	0.02%	0.000%
186	8.264	8.246	8.289	PH	685	5053	0.03%	0.001%
187	8.326	8.289	8.356	PH	6628	60061	0.41%	0.006%
188	8.379	8.356	8.413	PH	1856	19890	0.14%	0.002%
189	8.428	8.413	8.457	PH	220	-3631	-0.02%	-0.000%
190	8.474	8.457	8.503	PH	-322	-11702	-0.08%	-0.001%
191	8.517	8.503	8.546	PH	-371	-12669	-0.09%	-0.001%
192	8.557	8.546	8.572	PH	-567	-9499	-0.06%	-0.001%
193	8.609	8.572	8.616	PH	-333	-11987	-0.08%	-0.001%
194	8.634	8.616	8.642	PH	-136	-3449	-0.02%	-0.000%
195	8.673	8.642	8.698	PH	1911	17047	0.12%	0.002%
196	8.725	8.698	8.749	PH	739	9840	0.07%	0.001%
197	8.760	8.749	8.774	HH	426	4042	0.03%	0.000%
198	8.796	8.774	8.830	HH	791	8913	0.06%	0.001%
199	8.850	8.830	8.868	PH	132	253	0.00%	0.000%
200	8.910	8.868	8.929	PH	665	11069	0.08%	0.001%
201	8.951	8.929	8.970	HH	1090	15601	0.11%	0.002%
202	9.000	8.970	9.052	HH	1677	43947	0.30%	0.005%
203	9.084	9.052	9.106	HH	2036	31511	0.22%	0.003%
204	9.123	9.106	9.156	HH	913	20085	0.14%	0.002%
205	9.159	9.156	9.171	HH	506	4272	0.03%	0.000%
206	9.178	9.171	9.197	HH	541	7105	0.05%	0.001%
207	9.204	9.197	9.216	HH	348	3510	0.02%	0.000%
208	9.241	9.216	9.256	HH	868	15161	0.10%	0.002%
209	9.274	9.256	9.309	HH	942	21472	0.15%	0.002%
210	9.322	9.309	9.329	HH	605	6396	0.04%	0.001%
211	9.330	9.329	9.347	HH	580	5879	0.04%	0.001%
212	9.376	9.347	9.401	HH	809	21615	0.15%	0.002%
213	9.420	9.401	9.426	HH	990	12272	0.08%	0.001%
214	9.459	9.426	9.511	HH	2542	78424	0.54%	0.008%
215	9.538	9.511	9.572	HH	1766	49447	0.34%	0.005%
216	9.582	9.572	9.588	HH	1253	11790	0.08%	0.001%
217	9.612	9.588	9.631	HH	1688	38432	0.26%	0.004%
218	9.638	9.631	9.658	HH	1523	22661	0.15%	0.002%
219	9.665	9.658	9.682	HH	1416	19668	0.13%	0.002%
220	9.694	9.682	9.720	HH	1489	30685	0.21%	0.003%
221	9.727	9.720	9.754	HH	1391	25922	0.18%	0.003%

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222	9.800	9.754	9.840	HH	2476	94544	0.65%	0.010%
223	9.864	9.840	9.900	HH	3284	85227	0.58%	0.009%
224	9.905	9.900	9.932	HH	1971	32637	0.22%	0.003%
225	9.956	9.932	9.960	HH	1683	26870	0.18%	0.003%
226	9.972	9.960	9.996	HH	1866	36797	0.25%	0.004%
227	10.015	9.996	10.057	HH	2613	73957	0.50%	0.008%
228	10.074	10.057	10.081	HH	1917	25451	0.17%	0.003%
229	10.086	10.081	10.092	HH	1836	11978	0.08%	0.001%
230	10.099	10.092	10.111	HH	1870	20353	0.14%	0.002%
231	10.116	10.111	10.120	HH	1779	9006	0.06%	0.001%
232	10.130	10.120	10.155	HH	1830	37523	0.26%	0.004%
233	10.172	10.155	10.177	HH	1903	23487	0.16%	0.002%
234	10.182	10.177	10.187	HH	1939	11077	0.08%	0.001%
235	10.207	10.187	10.223	HH	2228	45594	0.31%	0.005%
236	10.253	10.223	10.272	HH	3069	74234	0.51%	0.008%
237	10.313	10.272	10.321	HH	2848	76154	0.52%	0.008%
238	10.346	10.321	10.362	HH	3439	75683	0.52%	0.008%
239	10.399	10.362	10.431	HH	3068	114522	0.78%	0.012%
240	10.453	10.431	10.478	HH	3216	81417	0.56%	0.009%
241	10.522	10.478	10.547	HH	4192	145316	0.99%	0.015%
242	10.559	10.547	10.581	HH	3864	74664	0.51%	0.008%
243	10.602	10.581	10.642	HH	4943	144228	0.98%	0.015%
244	10.671	10.642	10.720	HH	5186	188171	1.28%	0.020%
245	10.742	10.720	10.753	HH	3721	71057	0.49%	0.008%
246	10.762	10.753	10.784	HH	3684	65666	0.45%	0.007%
247	10.788	10.784	10.795	HH	3501	22125	0.15%	0.002%
248	10.829	10.795	10.839	HH	4147	100949	0.69%	0.011%
249	10.863	10.839	10.916	HH	22892	451402	3.08%	0.048%
250	10.939	10.916	10.978	HH	9416	236678	1.62%	0.025%
251	10.988	10.978	11.021	HH	4892	119207	0.81%	0.013%
252	11.041	11.021	11.066	HH	4639	121563	0.83%	0.013%
253	11.076	11.066	11.098	HH	4535	87177	0.60%	0.009%
254	11.114	11.098	11.133	HH	4584	90600	0.62%	0.010%
255	11.161	11.133	11.196	HH	6469	200549	1.37%	0.021%
256	11.204	11.196	11.209	HH	4854	37189	0.25%	0.004%
257	11.237	11.209	11.251	HH	5389	128522	0.88%	0.014%
258	11.278	11.251	11.287	HH	5817	119882	0.82%	0.013%
259	11.305	11.287	11.329	HH	6932	151413	1.03%	0.016%
260	11.353	11.329	11.366	HH	5683	123765	0.84%	0.013%
261	11.393	11.366	11.427	HH	7755	233105	1.59%	0.025%
262	11.460	11.427	11.483	HH	6022	195466	1.33%	0.021%
263	11.500	11.483	11.507	HH	6335	88618	0.60%	0.009%
264	11.514	11.507	11.540	HH	6395	122832	0.84%	0.013%
265	11.555	11.540	11.573	HH	6392	122835	0.84%	0.013%
266	11.615	11.573	11.632	HH	6679	229017	1.56%	0.024%
267	11.666	11.632	11.681	HH	9813	233236	1.59%	0.025%
268	11.697	11.681	11.742	HH	10861	304239	2.08%	0.032%
269	11.781	11.742	11.798	HH	11626	304231	2.08%	0.032%

270	11.814	11.798	11.829	HH	rteres 10216	171201	1.17%	0.018%
271	11.846	11.829	11.888	HH	10515	307089	2.10%	0.032%
272	11.923	11.888	11.942	HH	8238	257232	1.76%	0.027%
273	11.973	11.942	12.011	HH	9888	366018	2.50%	0.039%
274	12.032	12.011	12.054	HH	9899	237814	1.62%	0.025%
275	12.070	12.054	12.090	HH	8951	186689	1.27%	0.020%
276	12.138	12.090	12.177	HH	11091	495912	3.38%	0.052%
277	12.230	12.177	12.271	HH	15446	647448	4.42%	0.068%
278	12.281	12.271	12.301	HH	11551	200734	1.37%	0.021%
279	12.313	12.301	12.319	HH	10873	118265	0.81%	0.013%
280	12.322	12.319	12.327	HH	10877	50276	0.34%	0.005%
281	12.345	12.327	12.359	HH	11647	218312	1.49%	0.023%
282	12.365	12.359	12.376	HH	11209	111974	0.76%	0.012%
283	12.387	12.376	12.394	HH	11314	118235	0.81%	0.013%
284	12.401	12.394	12.422	HH	11252	188533	1.29%	0.020%
285	12.434	12.422	12.439	HH	11054	112054	0.76%	0.012%
286	12.458	12.439	12.467	HH	11896	196995	1.34%	0.021%
287	12.472	12.467	12.499	HH	12029	217462	1.48%	0.023%
288	12.521	12.499	12.542	HH	12946	316833	2.16%	0.034%
289	12.565	12.542	12.584	HH	15308	345861	2.36%	0.037%
290	12.617	12.584	12.654	HH	15422	573706	3.92%	0.061%
291	12.682	12.654	12.724	HH	55558	1037759	7.08%	0.110%
292	12.731	12.724	12.764	HH	13335	311002	2.12%	0.033%
293	12.782	12.764	12.797	HH	13015	256526	1.75%	0.027%
294	12.818	12.797	12.826	HH	13894	235877	1.61%	0.025%
295	12.833	12.826	12.850	HH	13920	192561	1.31%	0.020%
296	12.870	12.850	12.885	HH	15284	305206	2.08%	0.032%
297	12.898	12.885	12.902	HH	14587	152362	1.04%	0.016%
298	12.920	12.902	12.949	HH	14897	400635	2.73%	0.042%
299	12.981	12.949	13.016	HH	51816	1025104	7.00%	0.108%
300	13.037	13.016	13.055	HH	18640	392314	2.68%	0.041%
301	13.072	13.055	13.098	HH	18506	432404	2.95%	0.046%
302	13.161	13.098	13.182	HH	17236	820301	5.60%	0.087%
303	13.188	13.182	13.207	HH	16570	250146	1.71%	0.026%
304	13.246	13.207	13.267	HH	19270	652909	4.46%	0.069%
305	13.273	13.267	13.294	HH	18366	291037	1.99%	0.031%
306	13.314	13.294	13.361	HH	18934	732100	5.00%	0.077%
307	13.380	13.361	13.391	HH	19198	333518	2.28%	0.035%
308	13.402	13.391	13.419	HH	19593	324039	2.21%	0.034%
309	13.446	13.419	13.479	HH	21484	734439	5.01%	0.078%
310	13.511	13.479	13.530	HH	20657	615591	4.20%	0.065%
311	13.572	13.530	13.596	HH	25873	878610	6.00%	0.093%
312	13.617	13.596	13.622	HH	21243	322906	2.20%	0.034%
313	13.635	13.622	13.654	HH	21866	418436	2.86%	0.044%
314	13.679	13.654	13.701	HH	25156	644966	4.40%	0.068%
315	13.721	13.701	13.745	HH	24897	614072	4.19%	0.065%
316	13.764	13.745	13.789	HH	24475	622919	4.25%	0.066%

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317	13.823	13.789	13.835	HH	28418	711403	4.86%	0.075%
318	13.849	13.835	13.873	HH	28346	601824	4.11%	0.064%
319	13.890	13.873	13.911	HH	25998	571362	3.90%	0.060%
320	13.940	13.911	13.956	HH	24983	655987	4.48%	0.069%
321	13.969	13.956	13.999	HH	25051	638288	4.36%	0.067%
322	14.047	13.999	14.074	HH	26180	1138989	7.77%	0.120%
323	14.097	14.074	14.116	HH	26295	651395	4.45%	0.069%
324	14.132	14.116	14.154	HH	26403	591129	4.03%	0.063%
325	14.218	14.154	14.222	HH	28411	1098659	7.50%	0.116%
326	14.237	14.222	14.252	HH	29036	517999	3.54%	0.055%
327	14.279	14.252	14.289	HH	29522	650147	4.44%	0.069%
328	14.310	14.289	14.349	HH	31911	1099924	7.51%	0.116%
329	14.355	14.349	14.364	HH	29090	249977	1.71%	0.026%
330	14.381	14.364	14.399	HH	31065	645891	4.41%	0.068%
331	14.412	14.399	14.431	HH	31962	598135	4.08%	0.063%
332	14.447	14.431	14.462	HH	32655	614598	4.20%	0.065%
333	14.490	14.462	14.528	HH	34206	1304693	8.91%	0.138%
334	14.551	14.528	14.575	HH	37742	957857	6.54%	0.101%
335	14.601	14.575	14.607	HH	34345	661342	4.51%	0.070%
336	14.619	14.607	14.632	HH	35617	524876	3.58%	0.056%
337	14.637	14.632	14.657	HH	35203	515092	3.52%	0.054%
338	14.676	14.657	14.691	HH	36220	724677	4.95%	0.077%
339	14.716	14.691	14.755	HH	55229	1610217	10.99%	0.170%
340	14.762	14.755	14.768	HH	35521	276972	1.89%	0.029%
341	14.786	14.768	14.795	HH	36045	576504	3.94%	0.061%
342	14.816	14.795	14.822	HH	37654	590418	4.03%	0.062%
343	14.864	14.822	14.884	HH	56785	1670713	11.40%	0.177%
344	14.904	14.884	14.941	HH	62721	1637239	11.18%	0.173%
345	14.962	14.941	14.979	HH	40581	916617	6.26%	0.097%
346	15.024	14.979	15.042	HH	43579	1566789	10.69%	0.166%
347	15.059	15.042	15.084	HH	43259	1081890	7.38%	0.114%
348	15.095	15.084	15.145	HH	42928	1534818	10.48%	0.162%
349	15.171	15.145	15.207	HH	45193	1630272	11.13%	0.172%
350	15.227	15.207	15.238	HH	44785	834812	5.70%	0.088%
351	15.251	15.238	15.259	HH	45169	562300	3.84%	0.059%
352	15.264	15.259	15.280	HH	44877	569071	3.88%	0.060%
353	15.308	15.280	15.346	HH	59272	2048082	13.98%	0.217%
354	15.349	15.346	15.371	HH	49207	703063	4.80%	0.074%
355	15.378	15.371	15.391	HH	48571	574287	3.92%	0.061%
356	15.392	15.391	15.397	HH	47409	185477	1.27%	0.020%
357	15.407	15.397	15.413	HH	47829	439870	3.00%	0.047%
358	15.453	15.413	15.457	HH	51830	1314861	8.97%	0.139%
359	15.461	15.457	15.479	HH	52133	664156	4.53%	0.070%
360	15.497	15.479	15.502	HH	50611	710754	4.85%	0.075%
361	15.538	15.502	15.557	HH	58060	1741833	11.89%	0.184%
362	15.581	15.557	15.613	HH	55785	1789297	12.21%	0.189%
363	15.700	15.613	15.724	HH	59442	3722766	25.41%	0.394%
364	15.745	15.724	15.749	HH	57823	860345	5.87%	0.091%

365	15.779	15.749	15.801	HH	rteres 59382	1833422	12.51%	0.194%
366	15.837	15.801	15.844	HH	61086	1536187	10.49%	0.162%
367	15.864	15.844	15.886	HH	62576	1549102	10.57%	0.164%
368	15.906	15.886	15.921	HH	64305	1347136	9.20%	0.142%
369	15.947	15.921	15.956	HH	67244	1374141	9.38%	0.145%
370	15.974	15.956	16.000	HH	68852	1790431	12.22%	0.189%
371	16.014	16.000	16.029	HH	68421	1151992	7.86%	0.122%
372	16.034	16.029	16.039	HH	67967	401355	2.74%	0.042%
373	16.045	16.039	16.063	HH	68593	991904	6.77%	0.105%
374	16.073	16.063	16.096	HH	69078	1340774	9.15%	0.142%
375	16.148	16.096	16.184	HH	75216	3838323	26.20%	0.406%
376	16.246	16.184	16.276	HH	79686	4200523	28.67%	0.444%
377	16.290	16.276	16.304	HH	78688	1325960	9.05%	0.140%
378	16.344	16.304	16.375	HH	83757	3415070	23.31%	0.361%
379	16.430	16.375	16.490	HH	106765	6085262	41.54%	0.643%
380	16.561	16.490	16.589	HH	97788	5329906	36.38%	0.564%
381	16.608	16.589	16.626	HH	93463	2035156	13.89%	0.215%
382	16.653	16.626	16.672	HH	94789	2631136	17.96%	0.278%
383	16.711	16.672	16.717	HH	98552	2580448	17.61%	0.273%
384	16.752	16.717	16.789	HH	113327	4487577	30.63%	0.475%
385	16.811	16.789	16.839	HH	115395	3203762	21.87%	0.339%
386	16.922	16.839	16.944	HH	125461	7145973	48.78%	0.756%
387	16.959	16.944	16.972	HH	115767	1973549	13.47%	0.209%
388	16.990	16.972	16.996	HH	116154	1615843	11.03%	0.171%
389	17.001	16.996	17.006	HH	116179	678652	4.63%	0.072%
390	17.047	17.006	17.059	HH	118445	3734882	25.49%	0.395%
391	17.084	17.059	17.089	HH	125407	2222622	15.17%	0.235%
392	17.099	17.089	17.110	HH	126306	1539898	10.51%	0.163%
393	17.130	17.110	17.137	HH	130274	2092494	14.28%	0.221%
394	17.148	17.137	17.166	HH	130301	2206053	15.06%	0.233%
395	17.221	17.166	17.253	HH	137325	6834194	46.65%	0.723%
396	17.304	17.253	17.309	HH	141756	4592298	31.35%	0.486%
397	17.318	17.309	17.324	HH	144362	1303091	8.89%	0.138%
398	17.328	17.324	17.337	HH	143640	1155032	7.88%	0.122%
399	17.342	17.337	17.357	HH	143603	1642462	11.21%	0.174%
400	17.391	17.357	17.406	HH	149525	4239213	28.94%	0.448%
401	17.426	17.406	17.443	HH	149965	3243456	22.14%	0.343%
402	17.472	17.443	17.504	HH	157220	5546932	37.86%	0.587%
403	17.529	17.504	17.547	HH	158296	3990477	27.24%	0.422%
404	17.558	17.547	17.565	HH	152792	1575728	10.76%	0.167%
405	17.570	17.565	17.576	HH	151470	1032723	7.05%	0.109%
406	17.581	17.576	17.589	HH	151620	1169554	7.98%	0.124%
407	17.607	17.589	17.614	HH	153004	2277192	15.54%	0.241%
408	17.621	17.614	17.632	HH	155467	1681583	11.48%	0.178%
409	17.647	17.632	17.654	HH	156507	2040372	13.93%	0.216%
410	17.700	17.654	17.731	HH	171552	7526614	51.38%	0.796%
411	17.736	17.731	17.741	HH	162979	950131	6.49%	0.100%

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412	17.792	17.741	17.822	HH	189577	8610400	58.77%	0.911%
413	17.839	17.822	17.859	HH	170495	3679133	25.11%	0.389%
414	17.883	17.859	17.887	HH	168710	2802767	19.13%	0.296%
415	17.941	17.887	17.967	HH	201530	8884714	60.65%	0.940%
416	17.973	17.967	17.978	HH	190857	1223784	8.35%	0.129%
417	17.984	17.978	18.012	HH	191869	3851010	26.29%	0.407%
418	18.042	18.012	18.063	HH	184819	5556843	37.93%	0.588%
419	18.119	18.063	18.125	HH	195224	6981258	47.65%	0.738%
420	18.153	18.125	18.160	HH	203862	4058373	27.70%	0.429%
421	18.171	18.160	18.179	HH	200874	2331339	15.91%	0.247%
422	18.202	18.179	18.234	HH	204879	6653961	45.42%	0.704%
423	18.256	18.234	18.263	HH	203467	3433306	23.44%	0.363%
424	18.269	18.263	18.274	HH	203828	1330745	9.08%	0.141%
425	18.281	18.274	18.286	HH	205953	1535403	10.48%	0.162%
426	18.311	18.286	18.335	HH	223855	6215131	42.42%	0.657%
427	18.339	18.335	18.362	HH	210907	3460223	23.62%	0.366%
428	18.380	18.362	18.405	HH	210399	5315097	36.28%	0.562%
429	18.414	18.405	18.418	HH	208311	1630696	11.13%	0.172%
430	18.452	18.418	18.464	HH	217504	5850360	39.93%	0.619%
431	18.468	18.464	18.504	HH	213986	5044978	34.44%	0.533%
432	18.531	18.504	18.538	HH	213323	4292364	29.30%	0.454%
433	18.542	18.538	18.554	HH	211574	1978532	13.51%	0.209%
434	18.587	18.554	18.599	HH	218691	5859758	40.00%	0.620%
435	18.623	18.599	18.649	HH	232539	6780620	46.28%	0.717%
436	18.686	18.649	18.695	HH	227822	6123387	41.80%	0.648%
437	18.731	18.695	18.755	HH	246117	8425556	57.51%	0.891%
438	18.787	18.755	18.824	HH	256077	10153416	69.31%	1.074%
439	18.837	18.824	18.852	HH	241971	4007009	27.35%	0.424%
440	18.878	18.852	18.885	HH	248656	4846193	33.08%	0.512%
441	18.904	18.885	18.943	HH	256574	8755916	59.77%	0.926%
442	18.978	18.943	18.982	HH	262207	5979850	40.82%	0.632%
443	18.989	18.982	19.002	HH	264149	3177072	21.69%	0.336%
444	19.017	19.002	19.034	HH	265507	5065426	34.58%	0.536%
445	19.039	19.034	19.044	HH	262258	1489927	10.17%	0.158%
446	19.066	19.044	19.091	HH	272472	7560547	51.61%	0.799%
447	19.136	19.091	19.142	HH	276022	8176955	55.81%	0.865%
448	19.146	19.142	19.174	HH	274111	5119432	34.94%	0.541%
449	19.179	19.174	19.188	HH	268853	2244365	15.32%	0.237%
450	19.224	19.188	19.228	HH	272234	6500376	44.37%	0.687%
451	19.234	19.228	19.238	HH	274317	1671693	11.41%	0.177%
452	19.256	19.238	19.265	HH	275380	4340161	29.63%	0.459%
453	19.272	19.265	19.279	HH	275049	2332828	15.92%	0.247%
454	19.296	19.279	19.303	HH	279947	3992367	27.25%	0.422%
455	19.308	19.303	19.315	HH	279497	2088863	14.26%	0.221%
456	19.325	19.315	19.333	HH	281081	2930357	20.00%	0.310%
457	19.339	19.333	19.355	HH	279912	3682164	25.13%	0.389%
458	19.371	19.355	19.376	HH	281626	3566921	24.35%	0.377%
459	19.408	19.376	19.424	HH	290485	8259732	56.38%	0.873%

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460	19.447	19.424	19.468	HH	300632	7803488	53.27%	0.825%
461	19.475	19.468	19.480	HH	294319	2027451	13.84%	0.214%
462	19.485	19.480	19.494	HH	295823	2467562	16.84%	0.261%
463	19.511	19.494	19.519	HH	297702	4438722	30.30%	0.469%
464	19.523	19.519	19.525	HH	300278	1179433	8.05%	0.125%
465	19.540	19.525	19.559	HH	309172	6096531	41.61%	0.645%
466	19.573	19.559	19.582	HH	306609	4147175	28.31%	0.439%
467	19.630	19.582	19.641	HH	317704	11060440	75.50%	1.170%
468	19.646	19.641	19.653	HH	318707	2369471	16.17%	0.251%
469	19.679	19.653	19.709	HH	325034	10696442	73.01%	1.131%
470	19.719	19.709	19.730	HH	321196	4208769	28.73%	0.445%
471	19.738	19.730	19.743	HH	320539	2392407	16.33%	0.253%
472	19.768	19.743	19.810	HH	330549	13137515	89.67%	1.389%
473	19.836	19.810	19.843	HH	325962	6349607	43.34%	0.671%
474	19.852	19.843	19.859	HH	325801	3185418	21.74%	0.337%
475	19.864	19.859	19.874	HH	324401	2782320	18.99%	0.294%
476	19.886	19.874	19.891	HH	327588	3404295	23.24%	0.360%
477	19.901	19.891	19.908	HH	328271	3358064	22.92%	0.355%
478	19.933	19.908	19.937	HH	338197	5711062	38.98%	0.604%
479	19.957	19.937	19.967	HH	345080	6150998	41.99%	0.650%
480	19.973	19.967	19.978	HH	345713	2159118	14.74%	0.228%
481	19.987	19.978	19.993	HH	352830	3201360	21.85%	0.339%
482	20.011	19.993	20.017	HH	356835	5174160	35.32%	0.547%
483	20.023	20.017	20.029	HH	355610	2542735	17.36%	0.269%
484	20.037	20.029	20.047	HH	358747	3814620	26.04%	0.403%
485	20.068	20.047	20.097	HH	364523	10816309	73.83%	1.144%
486	20.116	20.097	20.122	HH	356599	5176808	35.34%	0.547%
487	20.138	20.122	20.146	HH	359929	5131912	35.03%	0.543%
488	20.161	20.146	20.174	HH	362176	6146866	41.96%	0.650%
489	20.193	20.174	20.198	HH	364566	5095141	34.78%	0.539%
490	20.229	20.198	20.236	HH	379778	8451546	57.69%	0.894%
491	20.244	20.236	20.258	HH	380090	5004016	34.16%	0.529%
492	20.263	20.258	20.265	HH	374554	1723398	11.76%	0.182%
493	20.271	20.265	20.278	HH	375273	2896155	19.77%	0.306%
494	20.303	20.278	20.307	HH	387121	6502877	44.39%	0.688%
495	20.314	20.307	20.323	HH	390157	3771178	25.74%	0.399%
496	20.336	20.323	20.341	HH	389740	4192500	28.62%	0.443%
497	20.362	20.341	20.388	HH	393484	10982335	74.96%	1.161%
498	20.394	20.388	20.409	HH	391197	5027503	34.32%	0.532%
499	20.417	20.409	20.430	HH	385834	4668057	31.86%	0.494%
500	20.441	20.430	20.448	HH	384071	4117991	28.11%	0.435%
501	20.459	20.448	20.499	HH	383982	11704767	79.89%	1.238%
502	20.504	20.499	20.509	HH	376790	2174533	14.84%	0.230%
503	20.512	20.509	20.547	HH	377046	8579158	58.56%	0.907%
504	20.567	20.547	20.594	HH	374936	10430529	71.20%	1.103%
505	20.597	20.594	20.609	HH	369649	3242357	22.13%	0.343%
506	20.636	20.609	20.641	HH	373108	7066005	48.23%	0.747%

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507	20.668	20.641	20.673	HH	378891	7277634	49.68%	0.770%
508	20.676	20.673	20.691	HH	378574	4088681	27.91%	0.432%
509	20.706	20.691	20.719	HH	378133	6260683	42.73%	0.662%
510	20.741	20.719	20.747	HH	379728	6364390	43.44%	0.673%
511	20.754	20.747	20.774	HH	379228	6086843	41.55%	0.644%
512	20.782	20.774	20.811	HH	376113	8333294	56.88%	0.881%
513	20.815	20.811	20.821	HH	369657	2298497	15.69%	0.243%
514	20.827	20.821	20.881	HH	369688	12926116	88.23%	1.367%
515	20.890	20.881	20.906	HH	359096	5364361	36.62%	0.567%
516	20.909	20.906	20.922	HH	355695	3540309	24.17%	0.374%
517	20.946	20.922	20.960	HH	358385	8091067	55.23%	0.856%
518	20.976	20.960	20.981	HH	357616	4357159	29.74%	0.461%
519	20.988	20.981	21.002	HH	358410	4619944	31.53%	0.489%
520	21.006	21.002	21.011	HH	358711	1789614	12.22%	0.189%
521	21.022	21.011	21.031	HH	360460	4297863	29.34%	0.454%
522	21.056	21.031	21.072	HH	363298	9022460	61.59%	0.954%
523	21.086	21.072	21.118	HH	362639	9803919	66.92%	1.037%
524	21.127	21.118	21.187	HH	358087	14650287	100.00%	1.549%
525	21.192	21.187	21.203	HH	342000	3263729	22.28%	0.345%
526	21.214	21.203	21.234	HH	338411	6188392	42.24%	0.654%
527	21.238	21.234	21.244	HH	332708	1965929	13.42%	0.208%
528	21.263	21.244	21.270	HH	335069	5164527	35.25%	0.546%
529	21.287	21.270	21.293	HH	336463	4642139	31.69%	0.491%
530	21.300	21.293	21.307	HH	336140	2898340	19.78%	0.306%
531	21.343	21.307	21.350	HH	348128	8707626	59.44%	0.921%
532	21.357	21.350	21.362	HH	348699	2643753	18.05%	0.280%
533	21.378	21.362	21.404	HH	348069	8579869	58.56%	0.907%
534	21.415	21.404	21.431	HH	344212	5586547	38.13%	0.591%
535	21.437	21.431	21.499	HH	339345	13650347	93.17%	1.443%
536	21.507	21.499	21.528	HH	331255	5752704	39.27%	0.608%
537	21.543	21.528	21.574	HH	329690	9022377	61.58%	0.954%
538	21.578	21.574	21.591	HH	327216	3327697	22.71%	0.352%
539	21.602	21.591	21.634	HH	324811	8223467	56.13%	0.870%
540	21.638	21.634	21.646	HH	318940	2402299	16.40%	0.254%
541	21.657	21.646	21.672	HH	320033	4992074	34.07%	0.528%
542	21.700	21.672	21.722	HH	319606	9388309	64.08%	0.993%
543	21.739	21.722	21.747	HH	319431	4888124	33.37%	0.517%
544	21.765	21.747	21.771	HH	322496	4592823	31.35%	0.486%
545	21.783	21.771	21.807	HH	322843	6940542	47.37%	0.734%
546	21.819	21.807	21.835	HH	320506	5244051	35.79%	0.555%
547	21.840	21.835	21.908	HH	318454	13576650	92.67%	1.436%
548	21.915	21.908	21.928	HH	302205	3674694	25.08%	0.389%
549	21.946	21.928	21.951	HH	301043	4168880	28.46%	0.441%
550	21.961	21.951	21.968	HH	304495	3057055	20.87%	0.323%
551	21.976	21.968	21.991	HH	305096	4029673	27.51%	0.426%
552	21.996	21.991	22.001	HHA	301865	1973092	13.47%	0.209%

Sum of corrected areas: 945678214

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