

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092520\
 Data File : FE032815.D
 Signal(s) : FID1B.CH
 Acq On : 25 Sep 2020 13:30
 Sample : L4148-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE091420.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.601	2.549	2.614	BH	-302	-10978	-0.15%	-0.003%
2	2.629	2.614	2.645	PH	-318	-11562	-0.16%	-0.003%
3	2.650	2.645	2.656	PH	-889	-6494	-0.09%	-0.002%
4	2.659	2.656	2.691	PH	-974	-26226	-0.37%	-0.006%
5	2.697	2.691	2.716	PH	-1456	-23558	-0.33%	-0.006%
6	2.722	2.716	2.800	PH	-1513	-100247	-1.41%	-0.024%
7	2.818	2.800	2.892	PH	-1691	-129164	-1.82%	-0.031%
8	2.909	2.892	2.955	PH	-2448	-105949	-1.49%	-0.025%
9	2.987	2.955	3.039	PH	-2884	-158660	-2.23%	-0.038%
10	3.050	3.039	3.062	PH	-3346	-46820	-0.66%	-0.011%
11	3.088	3.062	3.202	PH	5012	-58182	-0.82%	-0.014%
12	3.207	3.202	3.227	PH	-3211	-51884	-0.73%	-0.012%
13	3.237	3.227	3.244	PH	-3501	-35072	-0.49%	-0.008%
14	3.261	3.244	3.295	PH	-3277	-107837	-1.52%	-0.026%
15	3.321	3.295	3.334	PH	-3522	-86383	-1.21%	-0.021%
16	3.357	3.334	3.389	PH	-3221	-121598	-1.71%	-0.029%
17	3.393	3.389	3.411	PH	-4160	-56615	-0.80%	-0.013%
18	3.417	3.411	3.436	PH	-3914	-63936	-0.90%	-0.015%
19	3.447	3.436	3.457	PH	-4353	-55470	-0.78%	-0.013%
20	3.467	3.457	3.473	PH	-4352	-43137	-0.61%	-0.010%
21	3.479	3.473	3.490	PH	-4351	-45518	-0.64%	-0.011%
22	3.494	3.490	3.506	PH	-4258	-40611	-0.57%	-0.010%
23	3.515	3.506	3.539	PH	-4372	-90405	-1.27%	-0.022%
24	3.544	3.539	3.550	PH	-4560	-29663	-0.42%	-0.007%
25	3.557	3.550	3.561	PH	-4527	-30915	-0.43%	-0.007%
26	3.566	3.561	3.572	PH	-4493	-30538	-0.43%	-0.007%
27	3.577	3.572	3.610	PH	-4507	-106407	-1.50%	-0.025%
28	3.636	3.610	3.648	PH	-4466	-104766	-1.47%	-0.025%
29	3.655	3.648	3.672	PH	-4107	-64532	-0.91%	-0.015%
30	3.690	3.672	3.712	PH	-4405	-108476	-1.53%	-0.026%
31	3.714	3.712	3.719	PH	-4485	-18011	-0.25%	-0.004%
32	3.739	3.719	3.758	PH	-4026	-101665	-1.43%	-0.024%
33	3.764	3.758	3.790	PH	-4231	-82662	-1.16%	-0.020%
34	3.796	3.790	3.813	PH	-4300	-59725	-0.84%	-0.014%
35	3.835	3.813	3.842	PH	-4144	-75566	-1.06%	-0.018%
36	3.853	3.842	3.917	PH	-4248	-203506	-2.86%	-0.048%

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37	3.920	3.917	3.924	PH	-4849	-21299	-0.30%	-0.005%
38	3.942	3.924	3.960	PH	-4682	-104015	-1.46%	-0.025%
39	3.964	3.960	3.991	PH	-4889	-90291	-1.27%	-0.021%
40	3.998	3.991	4.004	PH	-5060	-41863	-0.59%	-0.010%
41	4.046	4.004	4.071	PH	-2893	-164264	-2.31%	-0.039%
42	4.086	4.071	4.151	PH	-3425	-190062	-2.67%	-0.045%
43	4.183	4.151	4.317	PH	6885	-125914	-1.77%	-0.030%
44	4.329	4.317	4.348	PH	-4215	-82070	-1.15%	-0.020%
45	4.364	4.348	4.372	PH	-4396	-64049	-0.90%	-0.015%
46	4.375	4.372	4.388	PH	-4378	-41461	-0.58%	-0.010%
47	4.418	4.388	4.464	PH	-3769	-203398	-2.86%	-0.048%
48	4.472	4.464	4.480	PH	-4532	-46613	-0.66%	-0.011%
49	4.485	4.480	4.490	PH	-4677	-25742	-0.36%	-0.006%
50	4.498	4.490	4.514	PH	-4496	-66239	-0.93%	-0.016%
51	4.527	4.514	4.540	PH	-4342	-71972	-1.01%	-0.017%
52	4.568	4.540	4.602	PH	-3379	-151980	-2.14%	-0.036%
53	4.642	4.602	4.697	PH	1335	-166271	-2.34%	-0.040%
54	4.701	4.697	4.734	PH	-4391	-99795	-1.40%	-0.024%
55	4.739	4.734	4.753	PH	-4718	-55020	-0.77%	-0.013%
56	4.772	4.753	4.818	PH	-3026	-145278	-2.04%	-0.035%
57	4.823	4.818	4.862	PH	-4234	-119167	-1.68%	-0.028%
58	4.873	4.862	4.877	PH	-4400	-39897	-0.56%	-0.009%
59	4.885	4.877	4.925	PH	-4400	-135132	-1.90%	-0.032%
60	4.939	4.925	4.948	PH	-4619	-62762	-0.88%	-0.015%
61	4.952	4.948	4.958	PH	-4664	-30298	-0.43%	-0.007%
62	4.969	4.958	4.983	PH	-4518	-68828	-0.97%	-0.016%
63	5.016	4.983	5.041	PH	-583	-121452	-1.71%	-0.029%
64	5.046	5.041	5.053	PH	-4440	-33065	-0.46%	-0.008%
65	5.059	5.053	5.070	PH	-4396	-44367	-0.62%	-0.011%
66	5.072	5.070	5.078	PH	-4419	-22787	-0.32%	-0.005%
67	5.094	5.078	5.126	PH	-3956	-119504	-1.68%	-0.028%
68	5.166	5.126	5.181	PH	-3615	-134010	-1.88%	-0.032%
69	5.193	5.181	5.210	PH	-3633	-67411	-0.95%	-0.016%
70	5.229	5.210	5.235	PH	-2764	-46355	-0.65%	-0.011%
71	5.240	5.235	5.262	PH	-2682	-49216	-0.69%	-0.012%
72	5.281	5.262	5.326	PH	-1601	-118602	-1.67%	-0.028%
73	5.336	5.326	5.377	PH	-3991	-132050	-1.86%	-0.031%
74	5.404	5.377	5.440	PH	18368	118294	1.66%	0.028%
75	5.447	5.440	5.489	PH	-2602	-98564	-1.39%	-0.023%
76	5.513	5.489	5.547	PH	-2772	-121215	-1.70%	-0.029%
77	5.559	5.547	5.597	PH	-3867	-123013	-1.73%	-0.029%
78	5.618	5.597	5.653	PH	-4107	-144758	-2.04%	-0.034%
79	5.655	5.653	5.677	PH	-4410	-65743	-0.92%	-0.016%
80	5.723	5.677	5.745	PH	-3283	-160837	-2.26%	-0.038%
81	5.779	5.745	5.805	PH	-2541	-121315	-1.71%	-0.029%
82	5.811	5.805	5.826	PH	-4084	-53421	-0.75%	-0.013%
83	5.830	5.826	5.855	PH	-4147	-73774	-1.04%	-0.018%
84	5.878	5.855	5.884	PH	-4140	-72846	-1.02%	-0.017%
85	5.906	5.884	5.933	PH	-3906	-121181	-1.70%	-0.029%
86	5.971	5.933	5.987	PH	-3360	-121063	-1.70%	-0.029%
87	6.009	5.987	6.038	PH	-836	-73078	-1.03%	-0.017%
88	6.043	6.038	6.087	PH	-2950	-94674	-1.33%	-0.023%
89	6.094	6.087	6.120	PH	-3351	-72548	-1.02%	-0.017%

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90	6.143	6.120	6.174	PH	-3192	-117028	-1.65%	-0.028%
91	6.179	6.174	6.205	PH	-3842	-73018	-1.03%	-0.017%
92	6.222	6.205	6.228	PH	-3831	-52055	-0.73%	-0.012%
93	6.234	6.228	6.254	PH	-3901	-61150	-0.86%	-0.015%
94	6.283	6.254	6.292	PH	-3475	-86436	-1.22%	-0.021%
95	6.297	6.292	6.304	PH	-3554	-25219	-0.35%	-0.006%
96	6.317	6.304	6.322	PH	-3594	-39078	-0.55%	-0.009%
97	6.329	6.322	6.332	PH	-3611	-23065	-0.32%	-0.005%
98	6.335	6.332	6.355	PH	-3612	-51705	-0.73%	-0.012%
99	6.388	6.355	6.418	PH	5429	-9283	-0.13%	-0.002%
100	6.441	6.418	6.457	PH	1570	-9306	-0.13%	-0.002%
101	6.471	6.457	6.561	PH	1099	-144838	-2.04%	-0.034%
102	6.579	6.561	6.607	PH	-3105	-94016	-1.32%	-0.022%
103	6.616	6.607	6.622	PH	-3442	-31561	-0.44%	-0.008%
104	6.624	6.622	6.643	PH	-3512	-44835	-0.63%	-0.011%
105	6.649	6.643	6.672	PH	-3603	-64333	-0.90%	-0.015%
106	6.683	6.672	6.690	PH	-3601	-39909	-0.56%	-0.009%
107	6.697	6.690	6.702	PH	-3645	-26106	-0.37%	-0.006%
108	6.711	6.702	6.731	PH	-3570	-64397	-0.91%	-0.015%
109	6.764	6.731	6.803	PH	-3332	-150650	-2.12%	-0.036%
110	6.834	6.803	6.850	PH	-3176	-93465	-1.31%	-0.022%
111	6.859	6.850	6.864	PH	-3270	-29237	-0.41%	-0.007%
112	6.867	6.864	6.872	PH	-3304	-15385	-0.22%	-0.004%
113	6.877	6.872	6.887	PH	-3296	-29749	-0.42%	-0.007%
114	6.893	6.887	6.904	PH	-3291	-33930	-0.48%	-0.008%
115	6.948	6.904	6.974	PH	-2077	-112460	-1.58%	-0.027%
116	6.993	6.974	7.022	PH	204	-43670	-0.61%	-0.010%
117	7.035	7.022	7.049	PH	-2301	-37625	-0.53%	-0.009%
118	7.076	7.049	7.098	PH	-1242	-53903	-0.76%	-0.013%
119	7.113	7.098	7.122	PH	-2286	-34556	-0.49%	-0.008%
120	7.127	7.122	7.149	PH	-2406	-42016	-0.59%	-0.010%
121	7.170	7.149	7.180	PH	-2492	-51154	-0.72%	-0.012%
122	7.206	7.180	7.227	PH	-1512	-59848	-0.84%	-0.014%
123	7.231	7.227	7.243	PH	-2504	-25690	-0.36%	-0.006%
124	7.250	7.243	7.265	PH	-2650	-36214	-0.51%	-0.009%
125	7.282	7.265	7.307	PH	-1609	-57399	-0.81%	-0.014%
126	7.312	7.307	7.324	PH	-2640	-27127	-0.38%	-0.006%
127	7.350	7.324	7.394	PH	-985	-89456	-1.26%	-0.021%
128	7.399	7.394	7.402	PH	-2660	-12292	-0.17%	-0.003%
129	7.417	7.402	7.440	PH	-1908	-53728	-0.76%	-0.013%
130	7.448	7.440	7.457	PH	-2762	-29611	-0.42%	-0.007%
131	7.487	7.457	7.512	PH	-2439	-88969	-1.25%	-0.021%
132	7.528	7.512	7.547	PH	-2447	-55547	-0.78%	-0.013%
133	7.567	7.547	7.617	PH	-1433	-94424	-1.33%	-0.022%
134	7.637	7.617	7.670	PH	-2102	-80276	-1.13%	-0.019%
135	7.691	7.670	7.710	PH	-2284	-59388	-0.84%	-0.014%
136	7.715	7.710	7.721	PH	-2546	-18337	-0.26%	-0.004%
137	7.752	7.721	7.787	PH	247	-43707	-0.61%	-0.010%
138	7.802	7.787	7.820	PH	-452	-17714	-0.25%	-0.004%
139	7.826	7.820	7.887	PH	-1228	-69361	-0.98%	-0.016%
140	7.894	7.887	7.903	PH	-2021	-20115	-0.28%	-0.005%
141	7.919	7.903	7.932	PH	-1888	-34636	-0.49%	-0.008%

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142	7.949	7.932	7.970	PH	-1586	-40941	-0.58%	-0.010%
143	7.981	7.970	7.996	PH	-1750	-27712	-0.39%	-0.007%
144	8.000	7.996	8.018	PH	-1916	-26350	-0.37%	-0.006%
145	8.040	8.018	8.062	PH	-1380	-44882	-0.63%	-0.011%
146	8.085	8.062	8.111	PH	-860	-38567	-0.54%	-0.009%
147	8.121	8.111	8.141	PH	-1286	-27347	-0.38%	-0.007%
148	8.156	8.141	8.166	PH	-1120	-20214	-0.28%	-0.005%
149	8.188	8.166	8.208	PH	6767	61145	0.86%	0.015%
150	8.221	8.208	8.261	PH	706	-15150	-0.21%	-0.004%
151	8.286	8.261	8.322	PH	18393	215133	3.03%	0.051%
152	8.341	8.322	8.422	HH	5030	87809	1.23%	0.021%
153	8.429	8.422	8.453	PH	-265	-8827	-0.12%	-0.002%
154	8.459	8.453	8.509	PH	-679	-31585	-0.44%	-0.008%
155	8.517	8.509	8.523	PH	-1124	-10200	-0.14%	-0.002%
156	8.529	8.523	8.537	PH	-1145	-9782	-0.14%	-0.002%
157	8.576	8.537	8.592	PH	-510	-27122	-0.38%	-0.006%
158	8.612	8.592	8.617	PH	-7	-3430	-0.05%	-0.001%
159	8.632	8.617	8.665	PH	826	5089	0.07%	0.001%
160	8.683	8.665	8.695	PH	184	-329	-0.00%	-0.000%
161	8.710	8.695	8.734	PH	71	-1208	-0.02%	-0.000%
162	8.753	8.734	8.803	PH	171	-14281	-0.20%	-0.003%
163	8.842	8.803	8.847	PH	-522	-16634	-0.23%	-0.004%
164	8.853	8.847	8.858	PH	-518	-3761	-0.05%	-0.001%
165	8.872	8.858	8.892	PH	-258	-8887	-0.12%	-0.002%
166	8.916	8.892	8.926	PH	-101	-5819	-0.08%	-0.001%
167	8.962	8.926	9.014	PH	736	10031	0.14%	0.002%
168	9.042	9.014	9.077	PH	1548	15649	0.22%	0.004%
169	9.082	9.077	9.152	HH	38	-13616	-0.19%	-0.003%
170	9.171	9.152	9.180	PH	-280	-6738	-0.09%	-0.002%
171	9.197	9.180	9.219	PH	-162	-6537	-0.09%	-0.002%
172	9.235	9.219	9.242	PH	-130	-3185	-0.04%	-0.001%
173	9.244	9.242	9.259	PH	-152	-2278	-0.03%	-0.001%
174	9.288	9.259	9.307	PH	217	-745	-0.01%	-0.000%
175	9.333	9.307	9.358	HH	470	6719	0.09%	0.002%
176	9.384	9.358	9.406	PH	1308	22889	0.32%	0.005%
177	9.424	9.406	9.447	HH	1538	30832	0.43%	0.007%
178	9.452	9.447	9.456	HH	957	4664	0.07%	0.001%
179	9.461	9.456	9.479	HH	985	12838	0.18%	0.003%
180	9.495	9.479	9.527	HH	1068	23460	0.33%	0.006%
181	9.571	9.527	9.587	HH	1135	30684	0.43%	0.007%
182	9.598	9.587	9.615	HH	957	13887	0.20%	0.003%
183	9.657	9.615	9.669	HH	1424	29290	0.41%	0.007%
184	9.685	9.669	9.720	HH	1261	30601	0.43%	0.007%
185	9.741	9.720	9.787	HH	1603	50521	0.71%	0.012%
186	9.795	9.787	9.800	HH	990	7493	0.11%	0.002%
187	9.819	9.800	9.846	HH	2502	46579	0.66%	0.011%
188	9.849	9.846	9.862	HH	1354	11483	0.16%	0.003%
189	9.877	9.862	9.889	HH	1397	21144	0.30%	0.005%
190	9.902	9.889	9.909	HH	1409	15468	0.22%	0.004%
191	9.928	9.909	9.943	HH	1466	26498	0.37%	0.006%
192	9.976	9.943	10.026	HH	2618	78989	1.11%	0.019%
193	10.032	10.026	10.045	HH	1212	13694	0.19%	0.003%
194	10.051	10.045	10.067	HH	1105	13702	0.19%	0.003%

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195	10.096	10.067	10.109	HH	1314	30310	0.43%	0.007%
196	10.156	10.109	10.175	HH	1833	61150	0.86%	0.015%
197	10.181	10.175	10.187	HH	1644	11499	0.16%	0.003%
198	10.207	10.187	10.225	HH	2374	46244	0.65%	0.011%
199	10.231	10.225	10.237	HH	1662	11235	0.16%	0.003%
200	10.270	10.237	10.286	HH	2395	60868	0.86%	0.014%
201	10.301	10.286	10.324	HH	2493	51044	0.72%	0.012%
202	10.349	10.324	10.378	HH	2478	69851	0.98%	0.017%
203	10.413	10.378	10.437	HH	2872	87649	1.23%	0.021%
204	10.441	10.437	10.452	HH	2666	23224	0.33%	0.006%
205	10.486	10.452	10.502	HH	3882	99683	1.40%	0.024%
206	10.527	10.502	10.540	HH	3950	84236	1.18%	0.020%
207	10.557	10.540	10.599	HH	5540	146867	2.07%	0.035%
208	10.630	10.599	10.674	HH	4845	170697	2.40%	0.041%
209	10.679	10.674	10.709	HH	3318	65171	0.92%	0.016%
210	10.722	10.709	10.740	HH	3338	58512	0.82%	0.014%
211	10.784	10.740	10.796	HH	3543	109181	1.54%	0.026%
212	10.823	10.796	10.878	HH	23357	509245	7.16%	0.121%
213	10.901	10.878	10.992	HH	12506	448245	6.30%	0.107%
214	10.999	10.992	11.028	HH	4511	93281	1.31%	0.022%
215	11.033	11.028	11.052	HH	4083	56684	0.80%	0.013%
216	11.068	11.052	11.084	HH	4335	78460	1.10%	0.019%
217	11.094	11.084	11.102	HH	4163	43738	0.62%	0.010%
218	11.134	11.102	11.162	HH	5860	186271	2.62%	0.044%
219	11.168	11.162	11.171	HH	4821	25490	0.36%	0.006%
220	11.189	11.171	11.205	HH	5229	102058	1.44%	0.024%
221	11.235	11.205	11.245	HH	6628	135049	1.90%	0.032%
222	11.259	11.245	11.278	HH	7099	124128	1.75%	0.030%
223	11.286	11.278	11.301	HH	5371	74031	1.04%	0.018%
224	11.311	11.301	11.320	HH	5425	59032	0.83%	0.014%
225	11.350	11.320	11.391	HH	7929	263202	3.70%	0.063%
226	11.420	11.391	11.439	HH	6184	163113	2.29%	0.039%
227	11.473	11.439	11.504	HH	7918	261553	3.68%	0.062%
228	11.530	11.504	11.565	HH	9300	270038	3.80%	0.064%
229	11.599	11.565	11.605	HH	7127	156635	2.20%	0.037%
230	11.625	11.605	11.641	HH	10377	190104	2.67%	0.045%
231	11.657	11.641	11.700	HH	11535	325123	4.57%	0.077%
232	11.737	11.700	11.758	HH	12810	335531	4.72%	0.080%
233	11.773	11.758	11.787	HH	10346	164691	2.32%	0.039%
234	11.805	11.787	11.845	HH	11630	319753	4.50%	0.076%
235	11.882	11.845	11.896	HH	7787	232489	3.27%	0.055%
236	11.930	11.896	11.982	HH	10310	457177	6.43%	0.109%
237	12.023	11.982	12.076	HH	17310	612574	8.61%	0.146%
238	12.098	12.076	12.138	HH	11388	369067	5.19%	0.088%
239	12.187	12.138	12.258	HH	87837	1721532	24.21%	0.409%
240	12.275	12.258	12.286	HH	11316	181634	2.55%	0.043%
241	12.297	12.286	12.320	HH	11004	224415	3.16%	0.053%
242	12.341	12.320	12.357	HH	11344	243980	3.43%	0.058%
243	12.366	12.357	12.376	HH	10878	122044	1.72%	0.029%
244	12.389	12.376	12.395	HH	10737	120467	1.69%	0.029%
245	12.415	12.395	12.429	HH	12045	230069	3.24%	0.055%
246	12.432	12.429	12.456	HH	11790	181700	2.56%	0.043%

rteres								
247	12.487	12.456	12.503	HH	14343	359654	5.06%	0.086%
248	12.521	12.503	12.542	HH	15975	338231	4.76%	0.080%
249	12.570	12.542	12.613	HH	15878	588190	8.27%	0.140%
250	12.640	12.613	12.702	HH	81643	1569049	22.07%	0.373%
251	12.713	12.702	12.722	HH	13319	156765	2.20%	0.037%
252	12.736	12.722	12.755	HH	13548	261659	3.68%	0.062%
253	12.786	12.755	12.800	HH	14936	377200	5.30%	0.090%
254	12.827	12.800	12.852	HH	16587	480105	6.75%	0.114%
255	12.865	12.852	12.874	HH	14819	191479	2.69%	0.046%
256	12.889	12.874	12.905	HH	14939	270161	3.80%	0.064%
257	12.938	12.905	12.980	HH	76124	1447923	20.36%	0.344%
258	12.993	12.980	13.012	HH	18500	328342	4.62%	0.078%
259	13.029	13.012	13.081	HH	20163	700289	9.85%	0.167%
260	13.115	13.081	13.138	HH	17071	547117	7.69%	0.130%
261	13.183	13.138	13.196	HH	19836	605760	8.52%	0.144%
262	13.219	13.196	13.238	HH	20957	491054	6.91%	0.117%
263	13.254	13.238	13.312	HH	20996	839275	11.80%	0.200%
264	13.341	13.312	13.372	HH	19392	655404	9.22%	0.156%
265	13.415	13.372	13.452	HH	43867	1251164	17.60%	0.298%
266	13.457	13.452	13.477	HH	19822	284092	4.00%	0.068%
267	13.530	13.477	13.579	HH	27436	1327685	18.67%	0.316%
268	13.594	13.579	13.612	HH	20187	399126	5.61%	0.095%
269	13.637	13.612	13.661	HH	26328	665524	9.36%	0.158%
270	13.678	13.661	13.697	HH	24375	495503	6.97%	0.118%
271	13.715	13.697	13.742	HH	23985	597681	8.41%	0.142%
272	13.768	13.742	13.790	HH	27126	690569	9.71%	0.164%
273	13.806	13.790	13.831	HH	25718	574189	8.07%	0.137%
274	13.848	13.831	13.887	HH	23888	759015	10.67%	0.181%
275	13.904	13.887	13.908	HH	21511	267640	3.76%	0.064%
276	13.919	13.908	13.949	HH	21835	520719	7.32%	0.124%
277	13.977	13.949	13.984	HH	22741	462468	6.50%	0.110%
278	14.006	13.984	14.020	HH	23163	503518	7.08%	0.120%
279	14.035	14.020	14.049	HH	22355	375481	5.28%	0.089%
280	14.062	14.049	14.068	HH	22334	253191	3.56%	0.060%
281	14.070	14.068	14.076	HH	22089	100282	1.41%	0.024%
282	14.091	14.076	14.095	HH	22372	259613	3.65%	0.062%
283	14.123	14.095	14.139	HH	23423	594666	8.36%	0.141%
284	14.165	14.139	14.190	HH	25786	753287	10.59%	0.179%
285	14.234	14.190	14.257	HH	25779	981325	13.80%	0.233%
286	14.279	14.257	14.303	HH	28487	732832	10.31%	0.174%
287	14.329	14.303	14.356	HH	31362	889636	12.51%	0.212%
288	14.361	14.356	14.363	HH	26583	117396	1.65%	0.028%
289	14.371	14.363	14.379	HH	26744	242960	3.42%	0.058%
290	14.394	14.379	14.420	HH	27398	644412	9.06%	0.153%
291	14.449	14.420	14.480	HH	30881	1014163	14.26%	0.241%
292	14.508	14.480	14.536	HH	34052	1003489	14.11%	0.239%
293	14.559	14.536	14.564	HH	29408	476299	6.70%	0.113%
294	14.584	14.564	14.617	HH	31076	942092	13.25%	0.224%
295	14.622	14.617	14.635	HH	28122	285143	4.01%	0.068%
296	14.665	14.635	14.695	HH	118585	2246768	31.60%	0.534%
297	14.701	14.695	14.757	HH	29926	1049598	14.76%	0.250%
298	14.784	14.757	14.790	HH	29998	568543	8.00%	0.135%
299	14.823	14.790	14.839	HH	65329	1369369	19.26%	0.326%

rteres								
300	14.862	14.839	14.902	HH	73048	1915713	26.94%	0.456%
301	14.916	14.902	14.953	HH	31713	927592	13.04%	0.221%
302	14.981	14.953	14.998	HH	35136	885776	12.46%	0.211%
303	15.008	14.998	15.028	HH	33714	581287	8.17%	0.138%
304	15.032	15.028	15.044	HH	31485	299939	4.22%	0.071%
305	15.055	15.044	15.071	HH	31232	508333	7.15%	0.121%
306	15.086	15.071	15.090	HH	30897	353292	4.97%	0.084%
307	15.095	15.090	15.108	HH	31002	323733	4.55%	0.077%
308	15.136	15.108	15.151	HH	33419	823700	11.58%	0.196%
309	15.169	15.151	15.191	HH	34077	801896	11.28%	0.191%
310	15.203	15.191	15.221	HH	32933	582186	8.19%	0.138%
311	15.253	15.221	15.332	HH	75728	2894980	40.71%	0.689%
312	15.345	15.332	15.358	HH	33619	517147	7.27%	0.123%
313	15.405	15.358	15.431	HH	49017	1772901	24.93%	0.422%
314	15.459	15.431	15.477	HH	40836	1038364	14.60%	0.247%
315	15.495	15.477	15.516	HH	42251	928122	13.05%	0.221%
316	15.532	15.516	15.572	HH	38811	1219242	17.15%	0.290%
317	15.586	15.572	15.597	HH	36823	556950	7.83%	0.132%
318	15.616	15.597	15.621	HH	37012	513245	7.22%	0.122%
319	15.656	15.621	15.687	HH	40810	1533778	21.57%	0.365%
320	15.693	15.687	15.698	HH	37669	249048	3.50%	0.059%
321	15.712	15.698	15.720	HH	38315	504441	7.09%	0.120%
322	15.729	15.720	15.735	HH	38082	331866	4.67%	0.079%
323	15.736	15.735	15.747	HH	37849	286458	4.03%	0.068%
324	15.771	15.747	15.792	HH	38989	1017723	14.31%	0.242%
325	15.799	15.792	15.804	HH	37414	254751	3.58%	0.061%
326	15.808	15.804	15.813	HH	37456	209692	2.95%	0.050%
327	15.824	15.813	15.844	HH	38078	696653	9.80%	0.166%
328	15.852	15.844	15.857	HH	37413	288635	4.06%	0.069%
329	15.890	15.857	15.913	HH	48249	1417056	19.93%	0.337%
330	15.928	15.913	15.937	HH	39962	575257	8.09%	0.137%
331	15.951	15.937	15.968	HH	39469	720287	10.13%	0.171%
332	15.980	15.968	15.988	HH	38909	473494	6.66%	0.113%
333	15.994	15.988	16.000	HH	38666	279802	3.93%	0.067%
334	16.016	16.000	16.021	HH	39223	486053	6.84%	0.116%
335	16.029	16.021	16.034	HH	39716	304931	4.29%	0.073%
336	16.095	16.034	16.115	HH	43717	2007126	28.23%	0.477%
337	16.151	16.115	16.155	HH	42406	983270	13.83%	0.234%
338	16.186	16.155	16.215	HH	48577	1627353	22.89%	0.387%
339	16.222	16.215	16.228	HH	44362	351121	4.94%	0.084%
340	16.266	16.228	16.287	HH	49498	1666618	23.44%	0.396%
341	16.293	16.287	16.313	HH	47001	730934	10.28%	0.174%
342	16.337	16.313	16.346	HH	47242	913860	12.85%	0.217%
343	16.383	16.346	16.403	HH	94599	2348585	33.03%	0.559%
344	16.412	16.403	16.440	HH	65885	1305423	18.36%	0.310%
345	16.456	16.440	16.478	HH	50716	1120247	15.75%	0.266%
346	16.519	16.478	16.536	HH	56068	1807870	25.42%	0.430%
347	16.548	16.536	16.558	HH	51529	664839	9.35%	0.158%
348	16.578	16.558	16.601	HH	54763	1365799	19.21%	0.325%
349	16.667	16.601	16.683	HH	59215	2610541	36.71%	0.621%
350	16.706	16.683	16.740	HH	78043	2174487	30.58%	0.517%
351	16.767	16.740	16.810	HH	82191	2733701	38.44%	0.650%

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352	16.839	16.810	16.852	HH	64363	1527390	21.48%	0.363%
353	16.869	16.852	16.907	HH	67481	2037125	28.65%	0.485%
354	16.921	16.907	16.932	HH	57976	858289	12.07%	0.204%
355	16.938	16.932	16.940	HH	58058	292503	4.11%	0.070%
356	16.948	16.940	16.960	HH	58212	695284	9.78%	0.165%
357	16.973	16.960	16.988	HH	58354	947287	13.32%	0.225%
358	17.033	16.988	17.050	HH	61974	2247817	31.61%	0.535%
359	17.086	17.050	17.107	HH	64920	2141161	30.11%	0.509%
360	17.133	17.107	17.138	HH	64391	1164975	16.38%	0.277%
361	17.164	17.138	17.194	HH	66206	2157937	30.35%	0.513%
362	17.210	17.194	17.237	HH	65235	1674024	23.54%	0.398%
363	17.261	17.237	17.267	HH	68120	1173226	16.50%	0.279%
364	17.288	17.267	17.313	HH	73993	1938273	27.26%	0.461%
365	17.325	17.313	17.347	HH	65326	1309823	18.42%	0.312%
366	17.366	17.347	17.378	HH	65581	1212367	17.05%	0.288%
367	17.419	17.378	17.440	HH	67857	2444018	34.37%	0.581%
368	17.457	17.440	17.479	HH	67109	1559114	21.93%	0.371%
369	17.494	17.479	17.530	HH	67465	2002516	28.16%	0.476%
370	17.548	17.530	17.553	HH	67714	902777	12.70%	0.215%
371	17.559	17.553	17.567	HH	68160	594861	8.37%	0.141%
372	17.580	17.567	17.601	HH	69091	1398632	19.67%	0.333%
373	17.633	17.601	17.653	HH	70826	2127125	29.91%	0.506%
374	17.680	17.653	17.687	HH	71121	1453426	20.44%	0.346%
375	17.725	17.687	17.751	HH	82441	2874062	40.42%	0.684%
376	17.771	17.751	17.790	HH	74191	1696245	23.85%	0.403%
377	17.808	17.790	17.817	HH	72866	1170079	16.45%	0.278%
378	17.872	17.817	17.887	HH	85513	3270739	46.00%	0.778%
379	17.896	17.887	17.929	HH	81376	1990902	28.00%	0.474%
380	17.937	17.929	17.949	HH	78770	949774	13.36%	0.226%
381	17.960	17.949	17.985	HH	80005	1694160	23.82%	0.403%
382	17.997	17.985	18.010	HH	77555	1175040	16.52%	0.279%
383	18.052	18.010	18.067	HH	89779	2812821	39.56%	0.669%
384	18.089	18.067	18.120	HH	103250	2943719	41.40%	0.700%
385	18.147	18.120	18.178	HH	104976	3198472	44.98%	0.761%
386	18.185	18.178	18.214	HH	86620	1805699	25.39%	0.429%
387	18.237	18.214	18.262	HH	96954	2590111	36.42%	0.616%
388	18.280	18.262	18.295	HH	87741	1712079	24.08%	0.407%
389	18.313	18.295	18.331	HH	87581	1857106	26.12%	0.442%
390	18.348	18.331	18.376	HH	85823	2271848	31.95%	0.540%
391	18.402	18.376	18.437	HH	100611	3426094	48.18%	0.815%
392	18.449	18.437	18.473	HH	89503	1891438	26.60%	0.450%
393	18.481	18.473	18.486	HH	86287	651091	9.16%	0.155%
394	18.495	18.486	18.509	HH	87473	1233425	17.35%	0.293%
395	18.521	18.509	18.525	HH	90245	811574	11.41%	0.193%
396	18.553	18.525	18.580	HH	99900	3154648	44.36%	0.750%
397	18.605	18.580	18.616	HH	89508	1914539	26.92%	0.455%
398	18.662	18.616	18.683	HH	96676	3686532	51.84%	0.877%
399	18.706	18.683	18.750	HH	98412	3829925	53.86%	0.911%
400	18.756	18.750	18.774	HH	94077	1358407	19.10%	0.323%
401	18.779	18.774	18.782	HH	92885	443765	6.24%	0.106%
402	18.787	18.782	18.792	HH	93071	519259	7.30%	0.124%
403	18.810	18.792	18.816	HH	94591	1382736	19.45%	0.329%
404	18.839	18.816	18.866	HH	99279	2861672	40.24%	0.681%

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405	18.919	18.866	18.945	HH	117157	4975694	69.97%	1.183%
406	18.961	18.945	18.974	HH	107818	1803224	25.36%	0.429%
407	18.979	18.974	18.988	HH	105323	886645	12.47%	0.211%
408	18.995	18.988	19.015	HH	105599	1663046	23.39%	0.396%
409	19.034	19.015	19.051	HH	104347	2244890	31.57%	0.534%
410	19.091	19.051	19.109	HH	107401	3634959	51.12%	0.865%
411	19.124	19.109	19.137	HH	105914	1792524	25.21%	0.426%
412	19.153	19.137	19.160	HH	106283	1414031	19.89%	0.336%
413	19.165	19.160	19.171	HH	105636	722262	10.16%	0.172%
414	19.202	19.171	19.218	HH	106803	2978762	41.89%	0.708%
415	19.254	19.218	19.264	HH	109406	2957657	41.59%	0.703%
416	19.271	19.264	19.278	HH	108895	879327	12.37%	0.209%
417	19.287	19.278	19.292	HH	108444	933107	13.12%	0.222%
418	19.306	19.292	19.318	HH	109746	1698286	23.88%	0.404%
419	19.340	19.318	19.355	HH	116960	2469816	34.73%	0.587%
420	19.374	19.355	19.400	HH	117037	3121037	43.89%	0.742%
421	19.407	19.400	19.430	HH	115051	2079151	29.24%	0.495%
422	19.458	19.430	19.472	HH	117031	2911189	40.94%	0.692%
423	19.481	19.472	19.489	HH	115357	1164662	16.38%	0.277%
424	19.526	19.489	19.538	HH	117862	3382217	47.56%	0.804%
425	19.573	19.538	19.586	HH	125759	3506181	49.31%	0.834%
426	19.629	19.586	19.653	HH	129875	5072328	71.33%	1.206%
427	19.658	19.653	19.671	HH	129202	1433546	20.16%	0.341%
428	19.709	19.671	19.740	HH	134992	5441196	76.52%	1.294%
429	19.757	19.740	19.772	HH	132293	2466457	34.69%	0.587%
430	19.779	19.772	19.791	HH	131165	1513953	21.29%	0.360%
431	19.795	19.791	19.802	HH	129936	838473	11.79%	0.199%
432	19.817	19.802	19.827	HH	131209	1930941	27.15%	0.459%
433	19.858	19.827	19.861	HH	134984	2759336	38.80%	0.656%
434	19.877	19.861	19.882	HH	136402	1676369	23.57%	0.399%
435	19.907	19.882	19.919	HH	139330	3041148	42.77%	0.723%
436	19.967	19.919	19.997	HH	147444	6666796	93.76%	1.586%
437	20.006	19.997	20.010	HH	140548	1117407	15.71%	0.266%
438	20.014	20.010	20.020	HH	140390	778477	10.95%	0.185%
439	20.029	20.020	20.054	HH	143169	2925514	41.14%	0.696%
440	20.083	20.054	20.096	HH	143447	3575612	50.28%	0.850%
441	20.116	20.096	20.122	HH	143648	2234600	31.43%	0.531%
442	20.138	20.122	20.145	HH	145607	1934753	27.21%	0.460%
443	20.167	20.145	20.179	HH	150954	3096118	43.54%	0.736%
444	20.191	20.179	20.224	HH	151570	4034480	56.74%	0.960%
445	20.244	20.224	20.271	HH	159661	4221277	59.36%	1.004%
446	20.294	20.271	20.305	HH	150578	3062184	43.06%	0.728%
447	20.334	20.305	20.340	HH	151491	3132114	44.05%	0.745%
448	20.345	20.340	20.355	HH	152773	1365630	19.20%	0.325%
449	20.383	20.355	20.400	HH	157074	4188980	58.91%	0.996%
450	20.436	20.400	20.452	HH	161741	4923753	69.24%	1.171%
451	20.466	20.452	20.529	HH	160405	7110861	100.00%	1.691%
452	20.545	20.529	20.552	HH	152141	2146269	30.18%	0.510%
453	20.557	20.552	20.575	HH	151124	2075937	29.19%	0.494%
454	20.596	20.575	20.601	HH	151651	2323971	32.68%	0.553%
455	20.617	20.601	20.631	HH	151833	2643508	37.18%	0.629%
456	20.662	20.631	20.670	HH	154579	3591573	50.51%	0.854%

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457	20.680	20.670	20.688	HH	155884	1657998	23.32%	0.394%
458	20.697	20.688	20.704	HH	154859	1541038	21.67%	0.367%
459	20.712	20.704	20.727	HH	154729	2039021	28.67%	0.485%
460	20.732	20.727	20.768	HH	152289	3723011	52.36%	0.885%
461	20.785	20.768	20.804	HH	148707	3240510	45.57%	0.771%
462	20.815	20.804	20.847	HH	148130	3767269	52.98%	0.896%
463	20.860	20.847	20.874	HH	143624	2275645	32.00%	0.541%
464	20.891	20.874	20.905	HH	145107	2701460	37.99%	0.643%
465	20.918	20.905	20.926	HH	146618	1797527	25.28%	0.428%
466	20.940	20.926	20.943	HH	147393	1508598	21.22%	0.359%
467	20.953	20.943	20.958	HH	147599	1348153	18.96%	0.321%
468	20.978	20.958	21.019	HH	150191	5394119	75.86%	1.283%
469	21.030	21.019	21.037	HH	146992	1569501	22.07%	0.373%
470	21.046	21.037	21.050	HH	147358	1161045	16.33%	0.276%
471	21.064	21.050	21.079	HH	148503	2544696	35.79%	0.605%
472	21.085	21.079	21.103	HH	146407	2111076	29.69%	0.502%
473	21.116	21.103	21.121	HH	145813	1519992	21.38%	0.362%
474	21.129	21.121	21.146	HH	146352	2227280	31.32%	0.530%
475	21.165	21.146	21.186	HH	144837	3433044	48.28%	0.817%
476	21.196	21.186	21.218	HH	142190	2707438	38.07%	0.644%
477	21.252	21.218	21.270	HH	147571	4465035	62.79%	1.062%
478	21.275	21.270	21.281	HH	145426	1026891	14.44%	0.244%
479	21.287	21.281	21.295	HH	145345	1201456	16.90%	0.286%
480	21.309	21.295	21.315	HH	145863	1761939	24.78%	0.419%
481	21.321	21.315	21.350	HH	146527	3002748	42.23%	0.714%
482	21.356	21.350	21.366	HH	143046	1364791	19.19%	0.325%
483	21.371	21.366	21.402	HH	141714	2962554	41.66%	0.705%
484	21.423	21.402	21.465	HH	137841	5178726	72.83%	1.232%
485	21.487	21.465	21.502	HH	137142	3027295	42.57%	0.720%
486	21.511	21.502	21.519	HH	136181	1398288	19.66%	0.333%
487	21.561	21.519	21.566	HH	138730	3819030	53.71%	0.908%
488	21.572	21.566	21.585	HH	139173	1587667	22.33%	0.378%
489	21.596	21.585	21.603	HH	139915	1555411	21.87%	0.370%
490	21.617	21.603	21.644	HH	140384	3365917	47.33%	0.801%
491	21.649	21.644	21.670	HH	139348	2199502	30.93%	0.523%
492	21.693	21.670	21.710	HH	140132	3324855	46.76%	0.791%
493	21.748	21.710	21.780	HH	141828	5842576	82.16%	1.390%
494	21.787	21.780	21.820	HHA	136700	3335483	46.91%	0.793%
Sum of corrected areas:						420448148		

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