

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091621\
 Data File : FE034349.D
 Signal(s) : FID1B.CH
 Acq On : 16 Sep 2021 17:45
 Sample : M3757-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE090821.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.360	2.322	2.367	BH	613	3276	0.00%	0.000%
2	2.377	2.367	2.457	HH	733	-16800	-0.01%	-0.001%
3	2.468	2.457	2.482	PH	-1010	-16226	-0.01%	-0.001%
4	2.495	2.482	2.506	PH	-1089	-16211	-0.01%	-0.001%
5	2.517	2.506	2.527	PH	-1147	-15960	-0.01%	-0.001%
6	2.538	2.527	2.567	PH	-628	-25736	-0.02%	-0.001%
7	2.583	2.567	2.608	PH	2881	6815	0.01%	0.000%
8	2.621	2.608	2.665	PH	-73	-36175	-0.03%	-0.002%
9	2.679	2.665	2.698	PH	-1023	-26484	-0.02%	-0.001%
10	2.717	2.698	2.758	PH	-833	-53375	-0.04%	-0.003%
11	2.768	2.758	2.787	PH	-1397	-28677	-0.02%	-0.001%
12	2.807	2.787	2.817	PH	-1187	-26745	-0.02%	-0.001%
13	2.832	2.817	2.875	PH	-945	-57758	-0.04%	-0.003%
14	2.903	2.875	2.946	PH	437	-47527	-0.04%	-0.002%
15	2.960	2.946	2.971	PH	-1563	-26534	-0.02%	-0.001%
16	2.978	2.971	3.024	PH	-1674	-60837	-0.05%	-0.003%
17	3.058	3.024	3.067	PH	-1211	-45203	-0.03%	-0.002%
18	3.080	3.067	3.091	PH	-1421	-20532	-0.02%	-0.001%
19	3.118	3.091	3.137	PH	1489	-14408	-0.01%	-0.001%
20	3.151	3.137	3.185	PH	-560	-30016	-0.02%	-0.002%
21	3.193	3.185	3.219	PH	-1442	-36523	-0.03%	-0.002%
22	3.253	3.219	3.291	PH	-1280	-75743	-0.06%	-0.004%
23	3.295	3.291	3.311	PH	-1969	-24966	-0.02%	-0.001%
24	3.320	3.311	3.329	PH	-2008	-22286	-0.02%	-0.001%
25	3.348	3.329	3.370	PH	-451	-36005	-0.03%	-0.002%
26	3.374	3.370	3.379	PH	-1637	-8760	-0.01%	-0.000%
27	3.381	3.379	3.401	PH	-1677	-24510	-0.02%	-0.001%
28	3.405	3.401	3.427	PH	-2009	-33055	-0.03%	-0.002%
29	3.439	3.427	3.446	PH	-2115	-24977	-0.02%	-0.001%
30	3.450	3.446	3.456	PH	-2108	-12695	-0.01%	-0.001%
31	3.473	3.456	3.487	PH	-1859	-38999	-0.03%	-0.002%
32	3.509	3.487	3.517	PH	-1835	-36339	-0.03%	-0.002%
33	3.542	3.517	3.599	PH	5877	148306	0.11%	0.007%
34	3.607	3.599	3.633	HH	1539	26251	0.02%	0.001%
35	3.639	3.633	3.699	HH	1056	8543	0.01%	0.000%
36	3.717	3.699	3.746	PH	790	3618	0.00%	0.000%

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37	3.754	3.746	3.772	PH	-144	-4233	-0.00%	-0.000%
38	3.785	3.772	3.808	PH	7	-8596	-0.01%	-0.000%
39	3.813	3.808	3.826	PH	-631	-8279	-0.01%	-0.000%
40	3.838	3.826	3.850	PH	-416	-9248	-0.01%	-0.000%
41	3.879	3.850	3.902	PH	-29	-22811	-0.02%	-0.001%
42	3.926	3.902	3.955	PH	-275	-24238	-0.02%	-0.001%
43	3.961	3.955	3.976	PH	-779	-11524	-0.01%	-0.001%
44	3.982	3.976	3.990	PH	-933	-9035	-0.01%	-0.000%
45	4.006	3.990	4.020	PH	-157	-11226	-0.01%	-0.001%
46	4.033	4.020	4.041	PH	-113	-4104	-0.00%	-0.000%
47	4.056	4.041	4.066	PH	1354	12886	0.01%	0.001%
48	4.096	4.066	4.150	HH	7113	115200	0.09%	0.006%
49	4.179	4.150	4.195	HH	3819	49623	0.04%	0.003%
50	4.208	4.195	4.239	HH	2631	41125	0.03%	0.002%
51	4.247	4.239	4.294	HH	615	-190	-0.00%	-0.000%
52	4.298	4.294	4.300	PH	-393	-1704	-0.00%	-0.000%
53	4.315	4.300	4.331	PH	214	-3035	-0.00%	-0.000%
54	4.356	4.331	4.380	PH	211	-2622	-0.00%	-0.000%
55	4.400	4.380	4.428	PH	4477	36292	0.03%	0.002%
56	4.446	4.428	4.457	PH	157	-1156	-0.00%	-0.000%
57	4.472	4.457	4.506	PH	1048	10703	0.01%	0.001%
58	4.509	4.506	4.532	PH	27	-1729	-0.00%	-0.000%
59	4.552	4.532	4.581	PH	3238	34619	0.03%	0.002%
60	4.597	4.581	4.609	HH	982	9616	0.01%	0.000%
61	4.623	4.609	4.632	HH	991	10405	0.01%	0.001%
62	4.650	4.632	4.666	HH	2488	25697	0.02%	0.001%
63	4.681	4.666	4.715	HH	1970	23967	0.02%	0.001%
64	4.726	4.715	4.738	HH	821	5586	0.00%	0.000%
65	4.779	4.738	4.792	HH	2310	36004	0.03%	0.002%
66	4.806	4.792	4.822	HH	2472	32001	0.02%	0.002%
67	4.830	4.822	4.838	HH	1582	13797	0.01%	0.001%
68	4.868	4.838	4.904	HH	3421	70856	0.05%	0.004%
69	4.919	4.904	4.929	HH	1305	16662	0.01%	0.001%
70	4.945	4.929	4.966	HH	1341	25327	0.02%	0.001%
71	4.980	4.966	4.987	HH	1914	18808	0.01%	0.001%
72	4.998	4.987	5.014	HH	2316	31427	0.02%	0.002%
73	5.036	5.014	5.051	HH	2149	38626	0.03%	0.002%
74	5.076	5.051	5.099	HH	3455	66012	0.05%	0.003%
75	5.114	5.099	5.123	HH	3437	37996	0.03%	0.002%
76	5.133	5.123	5.173	HH	3786	78692	0.06%	0.004%
77	5.199	5.173	5.216	HH	2751	52127	0.04%	0.003%
78	5.230	5.216	5.242	HH	2696	36940	0.03%	0.002%
79	5.257	5.242	5.276	HH	4139	69250	0.05%	0.003%
80	5.288	5.276	5.302	HH	3585	50074	0.04%	0.003%
81	5.320	5.302	5.337	HH	6604	92487	0.07%	0.005%
82	5.347	5.337	5.361	HH	3026	36404	0.03%	0.002%
83	5.378	5.361	5.399	HH	2796	52740	0.04%	0.003%
84	5.427	5.399	5.442	HH	11562	150947	0.12%	0.008%
85	5.453	5.442	5.474	HH	8321	107960	0.08%	0.005%
86	5.502	5.474	5.529	HH	7395	168751	0.13%	0.009%
87	5.550	5.529	5.570	HH	4071	91265	0.07%	0.005%
88	5.575	5.570	5.589	HH	3512	37965	0.03%	0.002%
89	5.611	5.589	5.647	HH	12333	225749	0.17%	0.011%

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90	5.682	5.647	5.694	HH	6881	153626	0.12%	0.008%
91	5.710	5.694	5.756	HH	8032	231362	0.18%	0.012%
92	5.771	5.756	5.784	HH	5572	84265	0.06%	0.004%
93	5.800	5.784	5.804	HH	5616	62271	0.05%	0.003%
94	5.821	5.804	5.827	HH	6167	81237	0.06%	0.004%
95	5.843	5.827	5.860	HH	6538	118323	0.09%	0.006%
96	5.879	5.860	5.902	HH	7687	159883	0.12%	0.008%
97	5.939	5.902	5.957	HH	9479	248643	0.19%	0.013%
98	5.981	5.957	5.997	HH	10411	215903	0.17%	0.011%
99	6.040	5.997	6.097	HH	104156	1814890	1.40%	0.092%
100	6.121	6.097	6.138	HH	15260	318658	0.25%	0.016%
101	6.160	6.138	6.182	HH	12255	283810	0.22%	0.014%
102	6.212	6.182	6.228	HH	12002	272673	0.21%	0.014%
103	6.244	6.228	6.267	HH	11120	235024	0.18%	0.012%
104	6.284	6.267	6.301	HH	11314	204137	0.16%	0.010%
105	6.338	6.301	6.348	HH	12117	294137	0.23%	0.015%
106	6.359	6.348	6.373	HH	13261	182316	0.14%	0.009%
107	6.378	6.373	6.383	HH	10318	64156	0.05%	0.003%
108	6.404	6.383	6.444	HH	23557	491710	0.38%	0.025%
109	6.458	6.444	6.477	HH	10915	199687	0.15%	0.010%
110	6.497	6.477	6.508	HH	12521	205391	0.16%	0.010%
111	6.517	6.508	6.527	HH	11434	121309	0.09%	0.006%
112	6.552	6.527	6.573	HH	23321	440783	0.34%	0.022%
113	6.593	6.573	6.615	HH	15594	333518	0.26%	0.017%
114	6.623	6.615	6.637	HH	10845	135042	0.10%	0.007%
115	6.670	6.637	6.700	HH	13169	425148	0.33%	0.021%
116	6.728	6.700	6.752	HH	15319	411748	0.32%	0.021%
117	6.763	6.752	6.778	HH	13604	199838	0.15%	0.010%
118	6.806	6.778	6.825	HH	15201	377945	0.29%	0.019%
119	6.834	6.825	6.839	HH	12809	106544	0.08%	0.005%
120	6.863	6.839	6.882	HH	15688	358457	0.28%	0.018%
121	6.901	6.882	6.915	HH	21812	348791	0.27%	0.018%
122	6.922	6.915	6.942	HH	18933	280438	0.22%	0.014%
123	6.962	6.942	6.987	HH	19491	424670	0.33%	0.021%
124	7.008	6.987	7.027	HH	16873	365137	0.28%	0.018%
125	7.060	7.027	7.078	HH	19003	508216	0.39%	0.026%
126	7.104	7.078	7.146	HH	26222	768482	0.59%	0.039%
127	7.159	7.146	7.173	HH	15789	240321	0.19%	0.012%
128	7.179	7.173	7.185	HH	15109	110418	0.09%	0.006%
129	7.204	7.185	7.221	HH	20419	367937	0.28%	0.019%
130	7.248	7.221	7.266	HH	17026	435373	0.34%	0.022%
131	7.289	7.266	7.298	HH	17700	329024	0.25%	0.017%
132	7.325	7.298	7.355	HH	36157	784656	0.61%	0.040%
133	7.395	7.355	7.409	HH	19988	579840	0.45%	0.029%
134	7.414	7.409	7.434	HH	18654	264033	0.20%	0.013%
135	7.456	7.434	7.469	HH	18061	353972	0.27%	0.018%
136	7.499	7.469	7.535	HH	24678	772322	0.60%	0.039%
137	7.555	7.535	7.569	HH	16930	331116	0.26%	0.017%
138	7.586	7.569	7.591	HH	16435	213589	0.16%	0.011%
139	7.615	7.591	7.635	HH	23686	516938	0.40%	0.026%
140	7.661	7.635	7.675	HH	20698	449682	0.35%	0.023%
141	7.686	7.675	7.696	HH	18903	237297	0.18%	0.012%

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142	7.702	7.696	7.726	HH	18703	321182	0.25%	0.016%
143	7.758	7.726	7.769	HH	25208	550301	0.42%	0.028%
144	7.778	7.769	7.792	HH	24872	330394	0.25%	0.017%
145	7.801	7.792	7.821	HH	21972	339556	0.26%	0.017%
146	7.845	7.821	7.867	HH	21965	536530	0.41%	0.027%
147	7.892	7.867	7.911	HH	23700	538428	0.42%	0.027%
148	7.936	7.911	7.974	HH	31050	902214	0.70%	0.045%
149	8.014	7.974	8.038	HH	33843	896527	0.69%	0.045%
150	8.070	8.038	8.089	HH	23852	688823	0.53%	0.035%
151	8.104	8.089	8.118	HH	22884	384459	0.30%	0.019%
152	8.142	8.118	8.153	HH	33260	590044	0.46%	0.030%
153	8.163	8.153	8.177	HH	32515	439014	0.34%	0.022%
154	8.194	8.177	8.223	HH	50518	925953	0.71%	0.047%
155	8.239	8.223	8.257	HH	24615	461169	0.36%	0.023%
156	8.276	8.257	8.290	HH	24279	453313	0.35%	0.023%
157	8.311	8.290	8.329	HH	26246	567859	0.44%	0.029%
158	8.355	8.329	8.378	HH	39688	869174	0.67%	0.044%
159	8.383	8.378	8.398	HH	23591	268034	0.21%	0.014%
160	8.418	8.398	8.430	HH	23873	434443	0.34%	0.022%
161	8.445	8.430	8.471	HH	24117	571276	0.44%	0.029%
162	8.483	8.471	8.507	HH	22443	458538	0.35%	0.023%
163	8.525	8.507	8.531	HH	20690	290761	0.22%	0.015%
164	8.551	8.531	8.560	HH	24369	395749	0.31%	0.020%
165	8.583	8.560	8.594	HH	27455	534116	0.41%	0.027%
166	8.610	8.594	8.630	HH	29663	589796	0.45%	0.030%
167	8.650	8.630	8.667	HH	36520	678912	0.52%	0.034%
168	8.685	8.667	8.702	HH	30371	581362	0.45%	0.029%
169	8.729	8.702	8.765	HH	38983	1145398	0.88%	0.058%
170	8.783	8.765	8.799	HH	26639	501755	0.39%	0.025%
171	8.811	8.799	8.824	HH	25075	375736	0.29%	0.019%
172	8.843	8.824	8.862	HH	29033	607465	0.47%	0.031%
173	8.886	8.862	8.906	HH	27586	673280	0.52%	0.034%
174	8.937	8.906	8.950	HH	28192	712575	0.55%	0.036%
175	8.961	8.950	8.978	HH	28273	440021	0.34%	0.022%
176	9.015	8.978	9.047	HH	56756	1376814	1.06%	0.069%
177	9.059	9.047	9.082	HH	24992	511726	0.39%	0.026%
178	9.103	9.082	9.128	HH	25992	651543	0.50%	0.033%
179	9.145	9.128	9.156	HH	22803	370343	0.29%	0.019%
180	9.171	9.156	9.188	HH	24676	454047	0.35%	0.023%
181	9.217	9.188	9.234	HH	24988	642018	0.50%	0.032%
182	9.249	9.234	9.264	HH	24388	425411	0.33%	0.021%
183	9.313	9.264	9.335	HH	26920	1063020	0.82%	0.054%
184	9.357	9.335	9.371	HH	32027	603754	0.47%	0.030%
185	9.396	9.371	9.442	HH	35166	1277017	0.98%	0.064%
186	9.469	9.442	9.499	HH	31498	956562	0.74%	0.048%
187	9.518	9.499	9.533	HH	28269	543372	0.42%	0.027%
188	9.547	9.533	9.556	HH	27296	364351	0.28%	0.018%
189	9.570	9.556	9.595	HH	29229	627798	0.48%	0.032%
190	9.627	9.595	9.655	HH	26460	893154	0.69%	0.045%
191	9.671	9.655	9.687	HH	26768	489705	0.38%	0.025%
192	9.735	9.687	9.771	HH	31294	1377636	1.06%	0.069%
193	9.792	9.771	9.842	HH	60166	1457895	1.12%	0.074%
194	9.872	9.842	9.887	HH	26208	683985	0.53%	0.034%

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195	9.899	9.887	9.939	HH	25808	767029	0.59%	0.039%
196	9.965	9.939	9.989	HH	25238	727647	0.56%	0.037%
197	9.993	9.989	10.015	HH	24232	379268	0.29%	0.019%
198	10.032	10.015	10.044	HH	24301	412750	0.32%	0.021%
199	10.064	10.044	10.089	HH	26112	665543	0.51%	0.034%
200	10.136	10.089	10.154	HH	28994	1026077	0.79%	0.052%
201	10.180	10.154	10.205	HH	41693	1003960	0.77%	0.051%
202	10.234	10.205	10.253	HH	30219	839956	0.65%	0.042%
203	10.269	10.253	10.294	HH	32178	713521	0.55%	0.036%
204	10.323	10.294	10.354	HH	32780	1021711	0.79%	0.052%
205	10.382	10.354	10.391	HH	28501	592670	0.46%	0.030%
206	10.396	10.391	10.400	HH	27727	143398	0.11%	0.007%
207	10.410	10.400	10.424	HH	28210	412773	0.32%	0.021%
208	10.448	10.424	10.474	HH	30547	885468	0.68%	0.045%
209	10.488	10.474	10.502	HH	31275	511384	0.39%	0.026%
210	10.529	10.502	10.561	HH	60547	1381568	1.07%	0.070%
211	10.602	10.561	10.629	HH	48308	1570788	1.21%	0.079%
212	10.637	10.629	10.649	HH	30005	350138	0.27%	0.018%
213	10.654	10.649	10.671	HH	29956	389458	0.30%	0.020%
214	10.675	10.671	10.707	HH	29298	620344	0.48%	0.031%
215	10.729	10.707	10.734	HH	28693	458639	0.35%	0.023%
216	10.752	10.734	10.762	HH	30393	493722	0.38%	0.025%
217	10.795	10.762	10.811	HH	65902	1306904	1.01%	0.066%
218	10.818	10.811	10.857	HH	46360	1036733	0.80%	0.052%
219	10.874	10.857	10.899	HH	39467	894726	0.69%	0.045%
220	10.921	10.899	10.931	HH	34524	652442	0.50%	0.033%
221	10.940	10.931	10.965	HH	34125	648450	0.50%	0.033%
222	10.983	10.965	11.021	HH	32129	1014657	0.78%	0.051%
223	11.036	11.021	11.051	HH	31110	544811	0.42%	0.027%
224	11.080	11.051	11.091	HH	33134	744761	0.57%	0.038%
225	11.108	11.091	11.132	HH	32683	799882	0.62%	0.040%
226	11.157	11.132	11.175	HH	33875	825970	0.64%	0.042%
227	11.204	11.175	11.210	HH	33501	673770	0.52%	0.034%
228	11.231	11.210	11.251	HH	60655	1090904	0.84%	0.055%
229	11.266	11.251	11.296	HH	36484	952506	0.73%	0.048%
230	11.321	11.296	11.361	HH	50571	1542183	1.19%	0.078%
231	11.389	11.361	11.406	HH	34405	888889	0.69%	0.045%
232	11.426	11.406	11.439	HH	35309	659573	0.51%	0.033%
233	11.472	11.439	11.491	HH	37190	1102565	0.85%	0.056%
234	11.520	11.491	11.565	HH	42025	1664481	1.28%	0.084%
235	11.596	11.565	11.612	HH	42821	1059459	0.82%	0.053%
236	11.642	11.612	11.685	HH	66635	2121617	1.64%	0.107%
237	11.710	11.685	11.732	HH	48422	1217741	0.94%	0.061%
238	11.747	11.732	11.760	HH	42424	680148	0.52%	0.034%
239	11.790	11.760	11.822	HH	60319	1717048	1.32%	0.087%
240	11.849	11.822	11.857	HH	38390	788871	0.61%	0.040%
241	11.901	11.857	11.924	HH	63124	1868528	1.44%	0.094%
242	11.963	11.924	11.988	HH	978867	12718698	9.81%	0.641%
243	11.999	11.988	12.009	HH	49498	622173	0.48%	0.031%
244	12.031	12.009	12.059	HH	57115	1547559	1.19%	0.078%
245	12.069	12.059	12.081	HH	45300	570202	0.44%	0.029%
246	12.103	12.081	12.115	HH	47039	944787	0.73%	0.048%

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247	12.134	12.115	12.142	HH	52905	796756	0.61%	0.040%
248	12.232	12.142	12.266	HH	633222	18356457	14.16%	0.926%
249	12.274	12.266	12.282	HH	56893	549809	0.42%	0.028%
250	12.299	12.282	12.336	HH	62970	1759405	1.36%	0.089%
251	12.385	12.336	12.406	HH	73863	2363105	1.82%	0.119%
252	12.424	12.406	12.450	HH	60412	1393376	1.07%	0.070%
253	12.479	12.450	12.485	HH	60173	1134565	0.87%	0.057%
254	12.497	12.485	12.518	HH	62435	1162199	0.90%	0.059%
255	12.541	12.518	12.561	HH	82213	1677444	1.29%	0.085%
256	12.567	12.561	12.580	HH	57719	651034	0.50%	0.033%
257	12.618	12.580	12.682	HH	151438	4774745	3.68%	0.241%
258	12.696	12.682	12.705	HH	54991	733786	0.57%	0.037%
259	12.722	12.705	12.752	HH	55789	1548969	1.19%	0.078%
260	12.771	12.752	12.783	HH	55571	994615	0.77%	0.050%
261	12.831	12.783	12.859	HH	65891	2734297	2.11%	0.138%
262	12.864	12.859	12.890	HH	59708	1058440	0.82%	0.053%
263	12.918	12.890	12.946	HH	140442	3112308	2.40%	0.157%
264	13.029	12.946	13.048	HH	4790998	129667633	100.00%	6.539%
265	13.085	13.048	13.130	HH	4421408	85016131	65.56%	4.287%
266	13.141	13.130	13.150	HH	83073	1008047	0.78%	0.051%
267	13.165	13.150	13.172	HH	90181	1101968	0.85%	0.056%
268	13.228	13.172	13.247	HH	1419782	27011156	20.83%	1.362%
269	13.252	13.247	13.270	HH	671068	7454825	5.75%	0.376%
270	13.302	13.270	13.364	HH	717033	18937114	14.60%	0.955%
271	13.435	13.364	13.462	HH	349681	9771695	7.54%	0.493%
272	13.514	13.462	13.551	HH	204278	6914917	5.33%	0.349%
273	13.553	13.551	13.575	HH	101319	1427126	1.10%	0.072%
274	13.587	13.575	13.604	HH	98510	1649942	1.27%	0.083%
275	13.635	13.604	13.661	HH	114341	3551440	2.74%	0.179%
276	13.701	13.661	13.725	HH	140110	4326138	3.34%	0.218%
277	13.756	13.725	13.765	HH	121193	2756860	2.13%	0.139%
278	13.791	13.765	13.819	HH	138198	4080175	3.15%	0.206%
279	13.850	13.819	13.927	HH	137735	7453448	5.75%	0.376%
280	13.964	13.927	13.968	HH	117723	2679349	2.07%	0.135%
281	13.983	13.968	14.004	HH	123731	2606983	2.01%	0.131%
282	14.030	14.004	14.039	HH	182778	3201637	2.47%	0.161%
283	14.050	14.039	14.087	HH	185856	4112625	3.17%	0.207%
284	14.105	14.087	14.112	HH	112340	1643540	1.27%	0.083%
285	14.152	14.112	14.171	HH	138481	4405217	3.40%	0.222%
286	14.197	14.171	14.219	HH	177331	4224921	3.26%	0.213%
287	14.240	14.219	14.286	HH	140717	5253230	4.05%	0.265%
288	14.306	14.286	14.333	HH	142813	3705674	2.86%	0.187%
289	14.364	14.333	14.403	HH	224182	6800847	5.24%	0.343%
290	14.430	14.403	14.461	HH	151390	4732599	3.65%	0.239%
291	14.491	14.461	14.514	HH	142781	4339789	3.35%	0.219%
292	14.539	14.514	14.577	HH	142763	5182545	4.00%	0.261%
293	14.583	14.577	14.594	HH	132419	1359254	1.05%	0.069%
294	14.605	14.594	14.608	HH	131969	1131960	0.87%	0.057%
295	14.646	14.608	14.667	HH	528610	10368436	8.00%	0.523%
296	14.689	14.667	14.719	HH	513674	8978978	6.92%	0.453%
297	14.734	14.719	14.744	HH	137981	2004497	1.55%	0.101%
298	14.750	14.744	14.756	HH	135793	1004868	0.77%	0.051%
299	14.806	14.756	14.823	HH	205641	6432833	4.96%	0.324%

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300	14.844	14.823	14.878	HH	246556	6396513	4.93%	0.323%
301	14.899	14.878	14.916	HH	154509	3357183	2.59%	0.169%
302	14.941	14.916	14.953	HH	153245	3369160	2.60%	0.170%
303	14.963	14.953	14.973	HH	156646	1813131	1.40%	0.091%
304	14.988	14.973	15.003	HH	158677	2774922	2.14%	0.140%
305	15.032	15.003	15.065	HH	162077	5839016	4.50%	0.294%
306	15.070	15.065	15.076	HH	146659	909448	0.70%	0.046%
307	15.096	15.076	15.106	HH	153383	2717889	2.10%	0.137%
308	15.122	15.106	15.139	HH	156208	3043613	2.35%	0.153%
309	15.156	15.139	15.174	HH	156589	3244134	2.50%	0.164%
310	15.191	15.174	15.208	HH	156470	3158812	2.44%	0.159%
311	15.233	15.208	15.262	HH	259915	6637331	5.12%	0.335%
312	15.267	15.262	15.303	HH	172413	4093946	3.16%	0.206%
313	15.311	15.303	15.335	HH	161021	2988625	2.30%	0.151%
314	15.364	15.335	15.378	HH	188292	4474880	3.45%	0.226%
315	15.387	15.378	15.400	HH	177673	2282121	1.76%	0.115%
316	15.424	15.400	15.453	HH	243942	6246112	4.82%	0.315%
317	15.479	15.453	15.491	HH	184314	3964893	3.06%	0.200%
318	15.502	15.491	15.523	HH	181276	3441019	2.65%	0.174%
319	15.529	15.523	15.545	HH	174590	2333490	1.80%	0.118%
320	15.587	15.545	15.599	HH	177991	5598175	4.32%	0.282%
321	15.623	15.599	15.656	HH	196488	6275104	4.84%	0.316%
322	15.676	15.656	15.690	HH	181435	3667612	2.83%	0.185%
323	15.707	15.690	15.713	HH	185168	2518466	1.94%	0.127%
324	15.718	15.713	15.734	HH	185004	2362743	1.82%	0.119%
325	15.763	15.734	15.792	HH	189018	6388712	4.93%	0.322%
326	15.833	15.792	15.839	HH	191869	5308304	4.09%	0.268%
327	15.865	15.839	15.886	HH	213078	5615195	4.33%	0.283%
328	15.922	15.886	15.962	HH	213742	9247656	7.13%	0.466%
329	15.987	15.962	16.011	HH	199673	5716862	4.41%	0.288%
330	16.066	16.011	16.098	HH	217826	10769813	8.31%	0.543%
331	16.160	16.098	16.199	HH	222689	13023399	10.04%	0.657%
332	16.207	16.199	16.212	HH	213111	1664869	1.28%	0.084%
333	16.246	16.212	16.308	HH	253957	13150622	10.14%	0.663%
334	16.314	16.308	16.319	HH	220606	1464262	1.13%	0.074%
335	16.368	16.319	16.389	HH	283837	10588301	8.17%	0.534%
336	16.410	16.389	16.442	HH	267077	8000353	6.17%	0.403%
337	16.450	16.442	16.455	HH	238201	1899832	1.47%	0.096%
338	16.460	16.455	16.465	HH	238607	1436502	1.11%	0.072%
339	16.501	16.465	16.527	HH	259567	9112948	7.03%	0.460%
340	16.536	16.527	16.541	HH	246172	2134016	1.65%	0.108%
341	16.560	16.541	16.597	HH	258670	8325637	6.42%	0.420%
342	16.604	16.597	16.608	HH	242008	1547930	1.19%	0.078%
343	16.658	16.608	16.676	HH	260291	10302791	7.95%	0.520%
344	16.695	16.676	16.735	HH	287279	9530296	7.35%	0.481%
345	16.754	16.735	16.777	HH	285666	6822851	5.26%	0.344%
346	16.813	16.777	16.832	HH	292998	9152572	7.06%	0.462%
347	16.840	16.832	16.857	HH	289290	4279302	3.30%	0.216%
348	16.866	16.857	16.889	HH	287112	5462501	4.21%	0.275%
349	16.895	16.889	16.903	HH	276265	2278683	1.76%	0.115%
350	16.909	16.903	16.913	HH	275013	1580143	1.22%	0.080%
351	16.918	16.913	16.948	HH	275737	5644742	4.35%	0.285%

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352	16.952	16.948	16.956	HH	268028	1409682	1.09%	0.071%
353	16.991	16.956	17.010	HH	285290	8907670	6.87%	0.449%
354	17.015	17.010	17.020	HH	283187	1732268	1.34%	0.087%
355	17.037	17.020	17.043	HH	283432	3799287	2.93%	0.192%
356	17.056	17.043	17.060	HH	294838	3008769	2.32%	0.152%
357	17.068	17.060	17.093	HH	299391	5830768	4.50%	0.294%
358	17.135	17.093	17.153	HH	311744	10669212	8.23%	0.538%
359	17.158	17.153	17.170	HH	298178	2933607	2.26%	0.148%
360	17.194	17.170	17.216	HH	325941	8606222	6.64%	0.434%
361	17.235	17.216	17.247	HH	318519	5902388	4.55%	0.298%
362	17.265	17.247	17.286	HH	338346	7571699	5.84%	0.382%
363	17.297	17.286	17.302	HH	311083	2903282	2.24%	0.146%
364	17.309	17.302	17.322	HH	314679	3745351	2.89%	0.189%
365	17.337	17.322	17.354	HH	315291	5891939	4.54%	0.297%
366	17.380	17.354	17.405	HH	333748	9778645	7.54%	0.493%
367	17.449	17.405	17.495	HH	322462	16898534	13.03%	0.852%
368	17.501	17.495	17.507	HH	309477	2159701	1.67%	0.109%
369	17.546	17.507	17.575	HH	327604	12905339	9.95%	0.651%
370	17.611	17.575	17.619	HH	336788	8493519	6.55%	0.428%
371	17.655	17.619	17.661	HH	339770	8487732	6.55%	0.428%
372	17.704	17.661	17.733	HH	376767	15055745	11.61%	0.759%
373	17.751	17.733	17.771	HH	349155	7761924	5.99%	0.391%
374	17.782	17.771	17.787	HH	335054	3174291	2.45%	0.160%
375	17.795	17.787	17.808	HH	339954	4262751	3.29%	0.215%
376	17.851	17.808	17.875	HH	407385	14529499	11.21%	0.733%
377	17.883	17.875	17.892	HH	362940	3816570	2.94%	0.192%
378	17.896	17.892	17.924	HH	359786	6634073	5.12%	0.335%
379	17.945	17.924	17.968	HH	350928	9197664	7.09%	0.464%
380	17.979	17.968	17.984	HH	345425	3212679	2.48%	0.162%
381	17.994	17.984	18.001	HH	345920	3501273	2.70%	0.177%
382	18.035	18.001	18.040	HH	367788	8292087	6.39%	0.418%
383	18.075	18.040	18.105	HH	418505	15131005	11.67%	0.763%
384	18.127	18.105	18.158	HH	403332	12128773	9.35%	0.612%
385	18.189	18.158	18.199	HH	379705	9102265	7.02%	0.459%
386	18.219	18.199	18.281	HH	427722	19053599	14.69%	0.961%
387	18.303	18.281	18.324	HH	376946	9567738	7.38%	0.482%
388	18.341	18.324	18.349	HH	380200	5436408	4.19%	0.274%
389	18.375	18.349	18.383	HH	381820	7752861	5.98%	0.391%
390	18.402	18.383	18.460	HH	395517	17550227	13.53%	0.885%
391	18.534	18.460	18.576	HH	452392	27373641	21.11%	1.380%
392	18.595	18.576	18.608	HH	386546	7301834	5.63%	0.368%
393	18.642	18.608	18.662	HH	441846	13257658	10.22%	0.669%
394	18.693	18.662	18.739	HH	435698	18938524	14.61%	0.955%
395	18.750	18.739	18.759	HH	400026	4651461	3.59%	0.235%
396	18.803	18.759	18.809	HH	411483	11900388	9.18%	0.600%
397	18.827	18.809	18.839	HH	415938	7402476	5.71%	0.373%
398	18.862	18.839	18.871	HH	419360	7889083	6.08%	0.398%
399	18.906	18.871	18.954	HH	500530	22568905	17.41%	1.138%
400	18.975	18.954	19.001	HH	447212	12180926	9.39%	0.614%
401	19.007	19.001	19.012	HH	418093	2826826	2.18%	0.143%
402	19.041	19.012	19.062	HH	440700	12775777	9.85%	0.644%
403	19.075	19.062	19.090	HH	427547	7170177	5.53%	0.362%
404	19.109	19.090	19.128	HH	432057	9676601	7.46%	0.488%

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405	19.156	19.128	19.163	HH	426148	8939203	6.89%	0.451%
406	19.182	19.163	19.213	HH	438371	12994758	10.02%	0.655%
407	19.231	19.213	19.239	HH	428695	6655698	5.13%	0.336%
408	19.246	19.239	19.262	HH	431771	5911329	4.56%	0.298%
409	19.271	19.262	19.282	HH	432659	5101864	3.93%	0.257%
410	19.325	19.282	19.342	HH	454404	15751146	12.15%	0.794%
411	19.355	19.342	19.378	HH	458775	9648311	7.44%	0.487%
412	19.400	19.378	19.409	HH	457493	8476837	6.54%	0.427%
413	19.415	19.409	19.422	HH	449171	3417049	2.64%	0.172%
414	19.441	19.422	19.469	HH	467460	12709010	9.80%	0.641%
415	19.474	19.469	19.479	HH	448420	2661009	2.05%	0.134%
416	19.496	19.479	19.507	HH	452867	7793659	6.01%	0.393%
417	19.523	19.507	19.527	HH	458387	5388328	4.16%	0.272%
418	19.531	19.527	19.560	HH	457628	8974706	6.92%	0.453%
419	19.577	19.560	19.583	HH	468369	6464112	4.99%	0.326%
420	19.599	19.583	19.607	HH	467113	6642768	5.12%	0.335%
421	19.616	19.607	19.628	HH	467438	5762537	4.44%	0.291%
422	19.637	19.628	19.642	HH	467807	3993652	3.08%	0.201%
423	19.654	19.642	19.659	HH	469865	4663652	3.60%	0.235%
424	19.687	19.659	19.722	HH	535111	18940112	14.61%	0.955%
425	19.751	19.722	19.758	HH	491895	10483834	8.09%	0.529%
426	19.764	19.758	19.787	HH	487023	8069976	6.22%	0.407%
427	19.855	19.787	19.861	HH	498891	21417652	16.52%	1.080%
428	19.867	19.861	19.875	HH	495978	4078210	3.15%	0.206%
429	19.891	19.875	19.901	HH	483843	7287110	5.62%	0.367%
430	19.926	19.901	19.939	HH	491050	11179594	8.62%	0.564%
431	19.971	19.939	20.012	HH	536906	22283868	17.19%	1.124%
432	20.032	20.012	20.043	HH	504657	9414143	7.26%	0.475%
433	20.065	20.043	20.081	HH	522687	11449429	8.83%	0.577%
434	20.097	20.081	20.113	HH	509394	9912721	7.64%	0.500%
435	20.137	20.113	20.162	HH	530644	15203204	11.72%	0.767%
436	20.168	20.162	20.177	HH	513284	4412345	3.40%	0.222%
437	20.187	20.177	20.192	HH	515403	4736789	3.65%	0.239%
438	20.215	20.192	20.221	HH	532156	9194404	7.09%	0.464%
439	20.223	20.221	20.239	HH	529338	5450432	4.20%	0.275%
440	20.262	20.239	20.268	HH	538095	9379596	7.23%	0.473%
441	20.277	20.268	20.299	HH	537656	9708720	7.49%	0.490%
442	20.321	20.299	20.339	HH	531693	12745124	9.83%	0.643%
443	20.358	20.339	20.370	HH	527771	9552226	7.37%	0.482%
444	20.381	20.370	20.401	HH	534564	9722852	7.50%	0.490%
445	20.414	20.401	20.425	HH	542113	7801210	6.02%	0.393%
446	20.430	20.425	20.452	HH	539190	8542642	6.59%	0.431%
447	20.459	20.452	20.463	HH	532229	3769078	2.91%	0.190%
448	20.469	20.463	20.503	HH	535096	12235598	9.44%	0.617%
449	20.521	20.503	20.530	HH	524580	8496073	6.55%	0.428%
450	20.538	20.530	20.549	HH	526226	6082553	4.69%	0.307%
451	20.562	20.549	20.574	HH	516651	7742846	5.97%	0.390%
452	20.580	20.574	20.590	HH	514303	4823284	3.72%	0.243%
453	20.600	20.590	20.603	HH	511973	4040501	3.12%	0.204%
454	20.611	20.603	20.617	HH	511932	4253824	3.28%	0.215%
455	20.625	20.617	20.633	HH	511781	4734811	3.65%	0.239%
456	20.644	20.633	20.649	HH	509482	5061243	3.90%	0.255%

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457	20.659	20.649	20.673	HH	511337	7008435	5.40%	0.353%
458	20.682	20.673	20.693	HH	509912	6136026	4.73%	0.309%
459	20.699	20.693	20.703	HH	499947	3118296	2.40%	0.157%
460	20.711	20.703	20.719	HH	502003	4699578	3.62%	0.237%
461	20.741	20.719	20.755	HH	503253	10656621	8.22%	0.537%
462	20.759	20.755	20.765	HH	495979	2996216	2.31%	0.151%
463	20.799	20.765	20.829	HH	504620	19210652	14.82%	0.969%
464	20.844	20.829	20.856	HH	488488	7786224	6.00%	0.393%
465	20.861	20.856	20.866	HH	479543	2668653	2.06%	0.135%
466	20.873	20.866	20.882	HH	482167	4701066	3.63%	0.237%
467	20.888	20.882	20.906	HH	482347	6793081	5.24%	0.343%
468	20.926	20.906	20.931	HH	481066	7213412	5.56%	0.364%
469	20.936	20.931	20.951	HH	483315	5733908	4.42%	0.289%
470	20.969	20.951	20.987	HH	484954	10450259	8.06%	0.527%
471	21.000	20.987	21.006	HH	473703	5184206	4.00%	0.261%
472	21.012	21.006	21.028	HH	476171	6215429	4.79%	0.313%
473	21.032	21.028	21.047	HH	470094	5530580	4.27%	0.279%
474	21.058	21.047	21.072	HH	469345	6953009	5.36%	0.351%
475	21.078	21.072	21.082	HH	471680	2807731	2.17%	0.142%
476	21.102	21.082	21.128	HH	475160	12826676	9.89%	0.647%
477	21.133	21.128	21.147	HH	457620	5089279	3.92%	0.257%
478	21.154	21.147	21.159	HH	457170	3390134	2.61%	0.171%
479	21.164	21.159	21.181	HH	455996	5789547	4.46%	0.292%
480	21.212	21.181	21.275	HH	470568	25827994	19.92%	1.302%
481	21.282	21.275	21.294	HH	445408	4925242	3.80%	0.248%
482	21.299	21.294	21.306	HH	444394	3076844	2.37%	0.155%
483	21.322	21.306	21.339	HH	444034	8811955	6.80%	0.444%
484	21.345	21.339	21.352	HH	440119	3520105	2.71%	0.178%
485	21.363	21.352	21.372	HH	437500	5109701	3.94%	0.258%
486	21.385	21.372	21.395	HH	434335	5881807	4.54%	0.297%
487	21.401	21.395	21.406	HH	436487	2988706	2.30%	0.151%
488	21.411	21.406	21.418	HH	436471	3185415	2.46%	0.161%
489	21.427	21.418	21.436	HH	435642	4560025	3.52%	0.230%
490	21.447	21.436	21.473	HH	435837	9754541	7.52%	0.492%
491	21.481	21.473	21.531	HH	433720	14607202	11.27%	0.737%
492	21.539	21.531	21.551	HH	423465	5226225	4.03%	0.264%
					Sum of corrected areas: 1983114322			

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