

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035449.D
 Signal(s) : FID1B.CH
 Acq On : 19 Mar 2022 17:08
 Sample : N1958-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.119	2.102	2.153	BH	122	-5765	-0.01%	-0.000%
2	2.159	2.153	2.164	PH	-437	-3616	-0.01%	-0.000%
3	2.181	2.164	2.279	PH	5518	-6133	-0.01%	-0.000%
4	2.287	2.279	2.299	PH	-1058	-14223	-0.03%	-0.001%
5	2.314	2.299	2.326	PH	-813	-15432	-0.03%	-0.001%
6	2.328	2.326	2.342	PH	-918	-9957	-0.02%	-0.000%
7	2.354	2.342	2.392	PH	402	-14057	-0.03%	-0.001%
8	2.404	2.392	2.430	PH	1440	-3357	-0.01%	-0.000%
9	2.445	2.430	2.456	PH	-492	-12785	-0.03%	-0.000%
10	2.460	2.456	2.483	PH	-649	-16435	-0.03%	-0.001%
11	2.496	2.483	2.514	PH	-432	-18354	-0.04%	-0.001%
12	2.546	2.514	2.562	PH	445	-12019	-0.03%	-0.000%
13	2.570	2.562	2.609	PH	-28	-10728	-0.02%	-0.000%
14	2.627	2.609	2.686	PH	31482	255742	0.54%	0.010%
15	2.715	2.686	2.766	PH	37134	430505	0.91%	0.017%
16	2.779	2.766	2.797	PH	930	2544	0.01%	0.000%
17	2.811	2.797	2.838	PH	81	-10221	-0.02%	-0.000%
18	2.851	2.838	2.860	PH	-720	-10495	-0.02%	-0.000%
19	2.897	2.860	2.920	PH	6585	89963	0.19%	0.003%
20	2.936	2.920	2.955	HH	20359	185169	0.39%	0.007%
21	2.969	2.955	3.044	HH	8595	118009	0.25%	0.005%
22	3.058	3.044	3.153	PH	1207	-29435	-0.06%	-0.001%
23	3.156	3.153	3.158	PH	-1061	-3691	-0.01%	-0.000%
24	3.178	3.158	3.242	PH	3281	-12880	-0.03%	-0.000%
25	3.279	3.242	3.312	PH	1945	-16319	-0.03%	-0.001%
26	3.323	3.312	3.329	PH	-1014	-11641	-0.02%	-0.000%
27	3.333	3.329	3.335	PH	-1180	-3958	-0.01%	-0.000%
28	3.342	3.335	3.345	PH	-1092	-7137	-0.02%	-0.000%
29	3.371	3.345	3.408	PH	-68	-31042	-0.07%	-0.001%
30	3.436	3.408	3.444	PH	-285	-19136	-0.04%	-0.001%
31	3.454	3.444	3.463	PH	21	-2509	-0.01%	-0.000%
32	3.473	3.463	3.477	PH	-56	-1552	-0.00%	-0.000%
33	3.489	3.477	3.504	PH	450	4769	0.01%	0.000%
34	3.509	3.504	3.532	HH	342	-520	-0.00%	-0.000%
35	3.549	3.532	3.572	PH	2749	20166	0.04%	0.001%
36	3.587	3.572	3.608	PH	2961	24510	0.05%	0.001%

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37	3.616	3.608	3.628	PH	149	347	0.00%	0.000%
38	3.634	3.628	3.651	PH	131	-1035	-0.00%	-0.000%
39	3.671	3.651	3.682	PH	14299	123035	0.26%	0.005%
40	3.690	3.682	3.727	HH	7877	72339	0.15%	0.003%
41	3.755	3.727	3.804	PH	13838	114834	0.24%	0.004%
42	3.845	3.804	3.881	PH	6645	59064	0.12%	0.002%
43	3.894	3.881	3.911	HH	1062	12129	0.03%	0.000%
44	3.956	3.911	3.972	HH	3964	74674	0.16%	0.003%
45	4.006	3.972	4.027	HH	36454	449211	0.95%	0.017%
46	4.039	4.027	4.095	HH	14230	209104	0.44%	0.008%
47	4.117	4.095	4.137	HH	2520	24932	0.05%	0.001%
48	4.148	4.137	4.162	PH	592	2936	0.01%	0.000%
49	4.188	4.162	4.222	PH	1260	10703	0.02%	0.000%
50	4.240	4.222	4.262	PH	6641	52822	0.11%	0.002%
51	4.282	4.262	4.299	PH	10963	96881	0.20%	0.004%
52	4.313	4.299	4.332	HH	7620	77257	0.16%	0.003%
53	4.345	4.332	4.366	HH	3036	38502	0.08%	0.001%
54	4.387	4.366	4.417	HH	25956	281524	0.59%	0.011%
55	4.424	4.417	4.432	HH	2567	21237	0.04%	0.001%
56	4.452	4.432	4.482	HH	39659	431909	0.91%	0.017%
57	4.490	4.482	4.507	HH	3027	35042	0.07%	0.001%
58	4.522	4.507	4.549	HH	4316	53376	0.11%	0.002%
59	4.565	4.549	4.570	HH	1465	13710	0.03%	0.001%
60	4.591	4.570	4.602	HH	3842	52436	0.11%	0.002%
61	4.617	4.602	4.640	HH	6857	83825	0.18%	0.003%
62	4.658	4.640	4.677	HH	3050	49100	0.10%	0.002%
63	4.694	4.677	4.727	HH	5942	73613	0.16%	0.003%
64	4.735	4.727	4.749	HH	597	4896	0.01%	0.000%
65	4.766	4.749	4.782	HH	1348	11336	0.02%	0.000%
66	4.796	4.782	4.800	PH	397	2119	0.00%	0.000%
67	4.818	4.800	4.831	HH	3636	39325	0.08%	0.002%
68	4.837	4.831	4.859	HH	2240	26436	0.06%	0.001%
69	4.878	4.859	4.903	HH	4010	60136	0.13%	0.002%
70	4.921	4.903	4.941	HH	6983	99618	0.21%	0.004%
71	4.954	4.941	4.968	HH	5451	59805	0.13%	0.002%
72	4.981	4.968	4.999	HH	4193	60152	0.13%	0.002%
73	5.012	4.999	5.029	HH	3172	44599	0.09%	0.002%
74	5.043	5.029	5.074	HH	2982	51657	0.11%	0.002%
75	5.093	5.074	5.137	HH	32890	384905	0.81%	0.015%
76	5.155	5.137	5.200	HH	5229	81710	0.17%	0.003%
77	5.223	5.200	5.251	HH	2147	25812	0.05%	0.001%
78	5.273	5.251	5.294	HH	11389	129809	0.27%	0.005%
79	5.307	5.294	5.337	HH	7108	88937	0.19%	0.003%
80	5.340	5.337	5.362	HH	1467	13269	0.03%	0.001%
81	5.382	5.362	5.419	HH	5482	77038	0.16%	0.003%
82	5.430	5.419	5.436	HH	1170	10613	0.02%	0.000%
83	5.458	5.436	5.477	HH	3110	45719	0.10%	0.002%
84	5.497	5.477	5.508	HH	1517	22878	0.05%	0.001%
85	5.533	5.508	5.560	HH	8118	166761	0.35%	0.006%
86	5.573	5.560	5.594	HH	8515	126820	0.27%	0.005%
87	5.606	5.594	5.629	HH	6651	95994	0.20%	0.004%
88	5.645	5.629	5.666	HH	3072	46829	0.10%	0.002%
89	5.684	5.666	5.702	HH	1636	31065	0.07%	0.001%

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90	5.724	5.702	5.742	HH	3517	54049	0.11%	0.002%
91	5.776	5.742	5.793	HH	2621	68633	0.15%	0.003%
92	5.818	5.793	5.853	HH	186476	1948379	4.12%	0.075%
93	5.867	5.853	5.899	HH	11088	191978	0.41%	0.007%
94	5.908	5.899	5.935	HH	3650	57239	0.12%	0.002%
95	5.969	5.935	6.020	HH	5447	141670	0.30%	0.005%
96	6.036	6.020	6.043	HH	1504	17364	0.04%	0.001%
97	6.052	6.043	6.063	HH	1847	19095	0.04%	0.001%
98	6.099	6.063	6.129	HH	8293	147923	0.31%	0.006%
99	6.142	6.129	6.161	HH	3106	48125	0.10%	0.002%
100	6.176	6.161	6.191	HH	2402	37116	0.08%	0.001%
101	6.208	6.191	6.231	HH	3055	53059	0.11%	0.002%
102	6.250	6.231	6.267	HH	8149	97805	0.21%	0.004%
103	6.285	6.267	6.314	HH	9346	169561	0.36%	0.007%
104	6.327	6.314	6.351	HH	4665	80217	0.17%	0.003%
105	6.354	6.351	6.377	HH	2814	39452	0.08%	0.002%
106	6.396	6.377	6.417	HH	4888	75226	0.16%	0.003%
107	6.431	6.417	6.439	HH	2768	31922	0.07%	0.001%
108	6.447	6.439	6.457	HH	2382	24676	0.05%	0.001%
109	6.469	6.457	6.486	HH	2869	42306	0.09%	0.002%
110	6.507	6.486	6.517	HH	2212	36570	0.08%	0.001%
111	6.526	6.517	6.547	HH	2180	33610	0.07%	0.001%
112	6.590	6.547	6.616	HH	17643	276090	0.58%	0.011%
113	6.629	6.616	6.636	HH	3794	44001	0.09%	0.002%
114	6.640	6.636	6.660	HH	3759	46837	0.10%	0.002%
115	6.682	6.660	6.724	HH	3516	99716	0.21%	0.004%
116	6.769	6.724	6.795	HH	12991	256143	0.54%	0.010%
117	6.804	6.795	6.836	HH	5396	102484	0.22%	0.004%
118	6.871	6.836	6.915	HH	38713	597048	1.26%	0.023%
119	6.927	6.915	6.935	HH	5129	57692	0.12%	0.002%
120	6.948	6.935	6.986	HH	5795	126833	0.27%	0.005%
121	7.004	6.986	7.028	HH	25401	302060	0.64%	0.012%
122	7.044	7.028	7.056	HH	9690	117656	0.25%	0.005%
123	7.066	7.056	7.097	HH	7806	139593	0.29%	0.005%
124	7.103	7.097	7.105	HH	3334	15203	0.03%	0.001%
125	7.134	7.105	7.151	HH	4626	110777	0.23%	0.004%
126	7.170	7.151	7.213	HH	12109	205800	0.43%	0.008%
127	7.233	7.213	7.259	HH	4482	99113	0.21%	0.004%
128	7.278	7.259	7.317	HH	8347	213382	0.45%	0.008%
129	7.323	7.317	7.326	HH	4566	21585	0.05%	0.001%
130	7.340	7.326	7.371	HH	4989	106197	0.22%	0.004%
131	7.393	7.371	7.417	HH	4870	106526	0.23%	0.004%
132	7.448	7.417	7.469	HH	3759	99423	0.21%	0.004%
133	7.512	7.469	7.566	HH	17918	381791	0.81%	0.015%
134	7.594	7.566	7.605	HH	8182	135931	0.29%	0.005%
135	7.619	7.605	7.672	HH	9436	251725	0.53%	0.010%
136	7.689	7.672	7.712	HH	4737	96240	0.20%	0.004%
137	7.735	7.712	7.777	HH	6962	209899	0.44%	0.008%
138	7.791	7.777	7.807	HH	6057	95040	0.20%	0.004%
139	7.820	7.807	7.830	HH	4981	63799	0.13%	0.002%
140	7.858	7.830	7.885	HH	11462	246740	0.52%	0.010%
141	7.934	7.885	7.948	HH	11782	276572	0.58%	0.011%

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142	7.962	7.948	7.977	HH	16422	218521	0.46%	0.008%
143	7.990	7.977	8.002	HH	14583	173088	0.37%	0.007%
144	8.015	8.002	8.023	HH	13890	154434	0.33%	0.006%
145	8.037	8.023	8.070	HH	20684	324763	0.69%	0.013%
146	8.088	8.070	8.096	HH	5298	81662	0.17%	0.003%
147	8.145	8.096	8.174	HH	40683	715782	1.51%	0.028%
148	8.185	8.174	8.217	HH	9098	185187	0.39%	0.007%
149	8.234	8.217	8.257	HH	7813	153965	0.33%	0.006%
150	8.283	8.257	8.334	HH	8259	270724	0.57%	0.010%
151	8.355	8.334	8.370	HH	6665	119377	0.25%	0.005%
152	8.402	8.370	8.414	HH	7930	182146	0.38%	0.007%
153	8.437	8.414	8.466	HH	38998	567598	1.20%	0.022%
154	8.485	8.466	8.502	HH	11465	210239	0.44%	0.008%
155	8.515	8.502	8.536	HH	8876	169224	0.36%	0.007%
156	8.543	8.536	8.551	HH	8326	75683	0.16%	0.003%
157	8.571	8.551	8.597	HH	11302	239295	0.51%	0.009%
158	8.603	8.597	8.610	HH	6243	48280	0.10%	0.002%
159	8.628	8.610	8.632	HH	6915	87613	0.19%	0.003%
160	8.677	8.632	8.694	HH	11932	327185	0.69%	0.013%
161	8.714	8.694	8.739	HH	23148	371240	0.78%	0.014%
162	8.747	8.739	8.756	HH	8284	83729	0.18%	0.003%
163	8.775	8.756	8.832	HH	15156	448118	0.95%	0.017%
164	8.855	8.832	8.875	HH	18703	324489	0.69%	0.013%
165	8.890	8.875	8.927	HH	12811	278152	0.59%	0.011%
166	8.944	8.927	8.981	HH	7652	221657	0.47%	0.009%
167	9.004	8.981	9.021	HH	11894	212078	0.45%	0.008%
168	9.036	9.021	9.069	HH	10474	237265	0.50%	0.009%
169	9.088	9.069	9.104	HH	9334	169158	0.36%	0.007%
170	9.139	9.104	9.165	HH	11919	325534	0.69%	0.013%
171	9.182	9.165	9.192	HH	8940	133167	0.28%	0.005%
172	9.221	9.192	9.262	HH	37804	782651	1.65%	0.030%
173	9.267	9.262	9.279	HH	10312	104708	0.22%	0.004%
174	9.299	9.279	9.331	HH	15325	361801	0.76%	0.014%
175	9.341	9.331	9.349	HH	10453	111402	0.24%	0.004%
176	9.369	9.349	9.391	HH	16425	313177	0.66%	0.012%
177	9.429	9.391	9.448	HH	13126	362590	0.77%	0.014%
178	9.462	9.448	9.500	HH	11015	310476	0.66%	0.012%
179	9.504	9.500	9.521	HH	9145	115516	0.24%	0.004%
180	9.545	9.521	9.559	HH	19313	315770	0.67%	0.012%
181	9.570	9.559	9.587	HH	16428	241060	0.51%	0.009%
182	9.595	9.587	9.612	HH	11489	156674	0.33%	0.006%
183	9.640	9.612	9.687	HH	24250	704515	1.49%	0.027%
184	9.704	9.687	9.719	HH	11992	207651	0.44%	0.008%
185	9.734	9.719	9.774	HH	10907	319827	0.68%	0.012%
186	9.778	9.774	9.782	HH	8755	40380	0.09%	0.002%
187	9.805	9.782	9.826	HH	10418	254905	0.54%	0.010%
188	9.831	9.826	9.848	HH	9512	127003	0.27%	0.005%
189	9.860	9.848	9.871	HH	9279	120447	0.25%	0.005%
190	9.877	9.871	9.886	HH	9200	81863	0.17%	0.003%
191	9.891	9.886	9.900	HH	9259	81094	0.17%	0.003%
192	9.906	9.900	9.916	HH	9359	88065	0.19%	0.003%
193	9.960	9.916	9.991	HH	15044	521223	1.10%	0.020%
194	10.017	9.991	10.042	HH	15774	398128	0.84%	0.015%

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195	10.076	10.042	10.086	HH	17195	389742	0.82%	0.015%
196	10.101	10.086	10.127	HH	20137	408409	0.86%	0.016%
197	10.143	10.127	10.177	HH	16471	416178	0.88%	0.016%
198	10.217	10.177	10.234	HH	19809	508719	1.08%	0.020%
199	10.238	10.234	10.256	HH	15549	190965	0.40%	0.007%
200	10.277	10.256	10.312	HH	32570	732168	1.55%	0.028%
201	10.326	10.312	10.342	HH	19655	320329	0.68%	0.012%
202	10.370	10.342	10.381	HH	23662	456457	0.96%	0.018%
203	10.387	10.381	10.400	HH	23027	252499	0.53%	0.010%
204	10.423	10.400	10.463	HH	33771	924376	1.95%	0.036%
205	10.490	10.463	10.505	HH	16262	386377	0.82%	0.015%
206	10.521	10.505	10.538	HH	19036	330060	0.70%	0.013%
207	10.552	10.538	10.569	HH	15972	283438	0.60%	0.011%
208	10.589	10.569	10.595	HH	20532	274008	0.58%	0.011%
209	10.622	10.595	10.655	HH	450308	5254170	11.10%	0.203%
210	10.665	10.655	10.673	HH	23410	249240	0.53%	0.010%
211	10.695	10.673	10.728	HH	115317	1697185	3.59%	0.066%
212	10.739	10.728	10.784	HH	20944	640330	1.35%	0.025%
213	10.793	10.784	10.799	HH	17580	161558	0.34%	0.006%
214	10.806	10.799	10.823	HH	17539	245017	0.52%	0.009%
215	10.834	10.823	10.851	HH	16954	276673	0.58%	0.011%
216	10.875	10.851	10.897	HH	20419	499487	1.06%	0.019%
217	10.927	10.897	10.973	HH	47848	1170872	2.47%	0.045%
218	10.996	10.973	11.001	HH	19699	321746	0.68%	0.012%
219	11.015	11.001	11.027	HH	21845	333282	0.70%	0.013%
220	11.043	11.027	11.053	HH	23291	346084	0.73%	0.013%
221	11.070	11.053	11.092	HH	27764	541660	1.14%	0.021%
222	11.110	11.092	11.124	HH	23179	415135	0.88%	0.016%
223	11.152	11.124	11.184	HH	35362	975337	2.06%	0.038%
224	11.221	11.184	11.242	HH	25920	749956	1.58%	0.029%
225	11.267	11.242	11.291	HH	26884	682781	1.44%	0.026%
226	11.313	11.291	11.331	HH	25368	535390	1.13%	0.021%
227	11.350	11.331	11.371	HH	23957	534692	1.13%	0.021%
228	11.379	11.371	11.391	HH	22835	268261	0.57%	0.010%
229	11.420	11.391	11.436	HH	63087	1069827	2.26%	0.041%
230	11.452	11.436	11.474	HH	76682	1130115	2.39%	0.044%
231	11.490	11.474	11.502	HH	32456	512294	1.08%	0.020%
232	11.531	11.502	11.551	HH	73838	1424196	3.01%	0.055%
233	11.568	11.551	11.582	HH	50991	744803	1.57%	0.029%
234	11.598	11.582	11.642	HH	61225	1316398	2.78%	0.051%
235	11.670	11.642	11.687	HH	27968	695997	1.47%	0.027%
236	11.737	11.687	11.769	HH	36076	1483975	3.14%	0.057%
237	11.791	11.769	11.846	HH	79080	1946102	4.11%	0.075%
238	11.853	11.846	11.869	HH	28557	386557	0.82%	0.015%
239	11.891	11.869	11.935	HH	58832	1485873	3.14%	0.058%
240	11.955	11.935	11.983	HH	32582	881007	1.86%	0.034%
241	12.013	11.983	12.060	HH	71083	1956630	4.13%	0.076%
242	12.096	12.060	12.106	HH	34337	900025	1.90%	0.035%
243	12.138	12.106	12.154	HH	38356	1044769	2.21%	0.040%
244	12.163	12.154	12.190	HH	35742	717043	1.52%	0.028%
245	12.208	12.190	12.224	HH	43089	785329	1.66%	0.030%
246	12.230	12.224	12.252	HH	38811	593473	1.25%	0.023%

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247	12.278	12.252	12.301	HH	59824	1339063	2.83%	0.052%
248	12.320	12.301	12.340	HH	63323	1195971	2.53%	0.046%
249	12.379	12.340	12.409	HH	58036	1976244	4.18%	0.077%
250	12.445	12.409	12.492	HH	671811	9558203	20.20%	0.370%
251	12.510	12.492	12.521	HH	42284	688085	1.45%	0.027%
252	12.532	12.521	12.554	HH	43597	824973	1.74%	0.032%
253	12.572	12.554	12.587	HH	59323	995076	2.10%	0.039%
254	12.619	12.587	12.639	HH	61565	1607987	3.40%	0.062%
255	12.657	12.639	12.704	HH	55979	1923827	4.07%	0.075%
256	12.740	12.704	12.765	HH	587547	7951005	16.80%	0.308%
257	12.788	12.765	12.805	HH	97838	1764983	3.73%	0.068%
258	12.821	12.805	12.842	HH	98799	1644742	3.48%	0.064%
259	12.863	12.842	12.886	HH	122652	2117007	4.47%	0.082%
260	12.906	12.886	12.923	HH	68287	1273803	2.69%	0.049%
261	12.940	12.923	12.965	HH	60790	1368586	2.89%	0.053%
262	13.002	12.965	13.025	HH	81192	2289767	4.84%	0.089%
263	13.040	13.025	13.056	HH	70579	1176763	2.49%	0.046%
264	13.086	13.056	13.113	HH	75097	2308511	4.88%	0.089%
265	13.130	13.113	13.149	HH	71849	1410935	2.98%	0.055%
266	13.154	13.149	13.169	HH	59921	702804	1.49%	0.027%
267	13.193	13.169	13.220	HH	85482	2165575	4.58%	0.084%
268	13.239	13.220	13.256	HH	64280	1323688	2.80%	0.051%
269	13.272	13.256	13.280	HH	62757	892420	1.89%	0.035%
270	13.323	13.280	13.352	HH	118957	3588373	7.58%	0.139%
271	13.362	13.352	13.374	HH	65613	852562	1.80%	0.033%
272	13.390	13.374	13.406	HH	68933	1235834	2.61%	0.048%
273	13.429	13.406	13.448	HH	90675	1938394	4.10%	0.075%
274	13.468	13.448	13.489	HH	103299	2087898	4.41%	0.081%
275	13.505	13.489	13.539	HH	80328	2175785	4.60%	0.084%
276	13.595	13.539	13.621	HH	106985	4245153	8.97%	0.164%
277	13.639	13.621	13.667	HH	96407	2290613	4.84%	0.089%
278	13.677	13.667	13.691	HH	73096	1016051	2.15%	0.039%
279	13.721	13.691	13.747	HH	84180	2633318	5.56%	0.102%
280	13.769	13.747	13.785	HH	82839	1827521	3.86%	0.071%
281	13.807	13.785	13.848	HH	95137	3169429	6.70%	0.123%
282	13.854	13.848	13.880	HH	79659	1534801	3.24%	0.059%
283	13.886	13.880	13.892	HH	78676	535344	1.13%	0.021%
284	13.909	13.892	13.920	HH	83034	1387134	2.93%	0.054%
285	13.926	13.920	13.931	HH	82014	515598	1.09%	0.020%
286	13.961	13.931	13.977	HH	86294	2341729	4.95%	0.091%
287	13.996	13.977	14.000	HH	88678	1195627	2.53%	0.046%
288	14.032	14.000	14.042	HH	93126	2288351	4.84%	0.089%
289	14.065	14.042	14.113	HH	140356	4416824	9.33%	0.171%
290	14.134	14.113	14.147	HH	100392	1937466	4.09%	0.075%
291	14.166	14.147	14.187	HH	102443	2348530	4.96%	0.091%
292	14.210	14.187	14.217	HH	117540	1930769	4.08%	0.075%
293	14.234	14.217	14.268	HH	148048	3683299	7.78%	0.143%
294	14.297	14.268	14.325	HH	165307	4408943	9.32%	0.171%
295	14.344	14.325	14.350	HH	119465	1706276	3.61%	0.066%
296	14.371	14.350	14.399	HH	152531	3724662	7.87%	0.144%
297	14.416	14.399	14.435	HH	109824	2331132	4.93%	0.090%
298	14.471	14.435	14.512	HH	204632	6447676	13.63%	0.250%
299	14.518	14.512	14.541	HH	110761	1832669	3.87%	0.071%

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300	14.574	14.541	14.584	HH	127661	3053568	6.45%	0.118%
301	14.617	14.584	14.638	HH	359876	7391869	15.62%	0.286%
302	14.659	14.638	14.691	HH	432371	7566705	15.99%	0.293%
303	14.706	14.691	14.737	HH	128478	3432891	7.25%	0.133%
304	14.773	14.737	14.827	HH	172276	7586456	16.03%	0.294%
305	14.845	14.827	14.855	HH	132567	2218758	4.69%	0.086%
306	14.874	14.855	14.895	HH	143358	3230390	6.83%	0.125%
307	14.933	14.895	14.944	HH	156810	4190031	8.85%	0.162%
308	14.956	14.944	15.012	HH	154537	5822663	12.30%	0.226%
309	15.054	15.012	15.087	HH	202990	7172633	15.16%	0.278%
310	15.093	15.087	15.137	HH	152303	4408615	9.32%	0.171%
311	15.167	15.137	15.171	HH	149472	3001405	6.34%	0.116%
312	15.213	15.171	15.242	HH	340159	8939154	18.89%	0.346%
313	15.251	15.242	15.262	HH	164359	1975765	4.18%	0.077%
314	15.287	15.262	15.309	HH	219495	5232889	11.06%	0.203%
315	15.322	15.309	15.364	HH	181722	5617376	11.87%	0.218%
316	15.374	15.364	15.379	HH	166202	1475913	3.12%	0.057%
317	15.403	15.379	15.409	HH	175187	3040608	6.43%	0.118%
318	15.446	15.409	15.476	HH	200591	7551038	15.96%	0.292%
319	15.488	15.476	15.501	HH	181534	2676695	5.66%	0.104%
320	15.520	15.501	15.555	HH	190585	6034712	12.75%	0.234%
321	15.570	15.555	15.589	HH	185599	3717503	7.86%	0.144%
322	15.611	15.589	15.632	HH	195374	4800980	10.15%	0.186%
323	15.639	15.632	15.643	HH	185594	1237465	2.62%	0.048%
324	15.673	15.643	15.681	HH	202500	4353397	9.20%	0.169%
325	15.691	15.681	15.710	HH	206506	3576573	7.56%	0.139%
326	15.719	15.710	15.747	HH	205751	4557758	9.63%	0.177%
327	15.755	15.747	15.765	HH	199964	2129993	4.50%	0.082%
328	15.773	15.765	15.800	HH	200669	4075716	8.61%	0.158%
329	15.816	15.800	15.827	HH	205829	3328947	7.03%	0.129%
330	15.836	15.827	15.844	HH	204900	2072407	4.38%	0.080%
331	15.849	15.844	15.856	HH	204294	1400197	2.96%	0.054%
332	15.883	15.856	15.907	HH	233845	6860668	14.50%	0.266%
333	15.924	15.907	15.949	HH	228148	5492685	11.61%	0.213%
334	15.973	15.949	16.016	HH	241610	9344272	19.75%	0.362%
335	16.040	16.016	16.051	HH	243099	4923591	10.40%	0.191%
336	16.066	16.051	16.082	HH	248763	4575792	9.67%	0.177%
337	16.097	16.082	16.111	HH	250950	4217771	8.91%	0.163%
338	16.116	16.111	16.119	HH	244351	1148119	2.43%	0.044%
339	16.131	16.119	16.135	HH	255352	2458630	5.20%	0.095%
340	16.142	16.135	16.151	HH	256057	2468381	5.22%	0.096%
341	16.187	16.151	16.204	HH	553061	12792509	27.03%	0.495%
342	16.212	16.204	16.237	HH	403492	6595285	13.94%	0.255%
343	16.247	16.237	16.254	HH	264869	2607062	5.51%	0.101%
344	16.275	16.254	16.287	HH	276501	5429665	11.47%	0.210%
345	16.316	16.287	16.364	HH	360364	14295311	30.21%	0.554%
346	16.370	16.364	16.374	HH	290295	1712198	3.62%	0.066%
347	16.385	16.374	16.406	HH	291055	5467181	11.55%	0.212%
348	16.439	16.406	16.447	HH	307178	7449799	15.74%	0.289%
349	16.512	16.447	16.538	HH	484105	19493976	41.20%	0.755%
350	16.572	16.538	16.601	HH	567793	15348711	32.44%	0.594%
351	16.620	16.601	16.628	HH	340770	5521004	11.67%	0.214%

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352	16.666	16.628	16.703	HH	418224	16568579	35.01%	0.642%
353	16.731	16.703	16.743	HH	354334	8233348	17.40%	0.319%
354	16.747	16.743	16.756	HH	349127	2706522	5.72%	0.105%
355	16.761	16.756	16.771	HH	350610	3136714	6.63%	0.121%
356	16.776	16.771	16.781	HH	348428	2084059	4.40%	0.081%
357	16.828	16.781	16.843	HH	381369	13722613	29.00%	0.531%
358	16.874	16.843	16.902	HH	437009	14019403	29.63%	0.543%
359	16.957	16.902	16.996	HH	440708	22885518	48.36%	0.886%
360	17.048	16.996	17.083	HH	449421	21460933	45.35%	0.831%
361	17.100	17.083	17.124	HH	419228	10156539	21.46%	0.393%
362	17.147	17.124	17.153	HH	417464	7014250	14.82%	0.272%
363	17.155	17.153	17.159	HH	414894	1689588	3.57%	0.065%
364	17.163	17.159	17.167	HH	414288	1860460	3.93%	0.072%
365	17.193	17.167	17.219	HH	449018	13463498	28.45%	0.521%
366	17.243	17.219	17.264	HH	433015	11509941	24.32%	0.446%
367	17.274	17.264	17.310	HH	446961	11968510	25.29%	0.464%
368	17.320	17.310	17.335	HH	431072	6330423	13.38%	0.245%
369	17.365	17.335	17.398	HH	457450	16745545	35.39%	0.649%
370	17.422	17.398	17.444	HH	475351	12689630	26.82%	0.491%
371	17.474	17.444	17.479	HH	466872	9763859	20.63%	0.378%
372	17.501	17.479	17.509	HH	490692	8507619	17.98%	0.329%
373	17.529	17.509	17.545	HH	501390	10548473	22.29%	0.409%
374	17.565	17.545	17.594	HH	515231	14540348	30.73%	0.563%
375	17.599	17.594	17.612	HH	480338	5054666	10.68%	0.196%
376	17.666	17.612	17.683	HH	644234	23526966	49.72%	0.911%
377	17.688	17.683	17.744	HH	575121	19868838	41.99%	0.769%
378	17.747	17.744	17.752	HH	521960	2573620	5.44%	0.100%
379	17.759	17.752	17.792	HH	522987	12278474	25.95%	0.476%
380	17.814	17.792	17.820	HH	524470	8774620	18.54%	0.340%
381	17.866	17.820	17.887	HH	597332	22252798	47.03%	0.862%
382	17.893	17.887	17.916	HH	561825	9761155	20.63%	0.378%
383	17.921	17.916	17.924	HH	530245	2452319	5.18%	0.095%
384	17.962	17.924	17.993	HH	670948	24836954	52.49%	0.962%
385	18.002	17.993	18.014	HH	593931	7533113	15.92%	0.292%
386	18.036	18.014	18.060	HH	728363	17701312	37.41%	0.686%
387	18.091	18.060	18.096	HH	586088	12396874	26.20%	0.480%
388	18.108	18.096	18.112	HH	592682	5632818	11.90%	0.218%
389	18.118	18.112	18.147	HH	597143	12386865	26.18%	0.480%
390	18.154	18.147	18.169	HH	576491	7382773	15.60%	0.286%
391	18.223	18.169	18.275	HH	689923	39513077	83.50%	1.530%
392	18.281	18.275	18.292	HH	589825	6053723	12.79%	0.234%
393	18.304	18.292	18.312	HH	600743	7156460	15.12%	0.277%
394	18.354	18.312	18.358	HH	640684	17063012	36.06%	0.661%
395	18.362	18.358	18.392	HH	635957	12668011	26.77%	0.491%
396	18.459	18.392	18.481	HH	694923	33413286	70.61%	1.294%
397	18.507	18.481	18.526	HH	676446	17481753	36.94%	0.677%
398	18.531	18.526	18.577	HH	653343	19690907	41.61%	0.763%
399	18.613	18.577	18.622	HH	650012	16971672	35.87%	0.657%
400	18.642	18.622	18.659	HH	673454	14649619	30.96%	0.567%
401	18.666	18.659	18.677	HH	655649	7211741	15.24%	0.279%
402	18.683	18.677	18.686	HH	655915	3286077	6.94%	0.127%
403	18.689	18.686	18.694	HH	654184	3167295	6.69%	0.123%
404	18.724	18.694	18.740	HH	690673	18694231	39.51%	0.724%

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405	18.790	18.740	18.819	HH	736464	33171869	70.10%	1.285%
406	18.824	18.819	18.832	HH	688085	5446573	11.51%	0.211%
407	18.856	18.832	18.887	HH	737355	23279864	49.20%	0.902%
408	18.911	18.887	18.923	HH	721139	15010643	31.72%	0.581%
409	18.927	18.923	18.952	HH	713526	12375711	26.15%	0.479%
410	18.966	18.952	18.982	HH	726539	13034548	27.55%	0.505%
411	19.004	18.982	19.011	HH	713865	12392860	26.19%	0.480%
412	19.027	19.011	19.051	HH	728679	16889108	35.69%	0.654%
413	19.066	19.051	19.075	HH	732933	10667758	22.54%	0.413%
414	19.082	19.075	19.086	HH	727474	4733373	10.00%	0.183%
415	19.091	19.086	19.097	HH	731084	4947549	10.46%	0.192%
416	19.104	19.097	19.111	HH	733369	6000704	12.68%	0.232%
417	19.116	19.111	19.127	HH	733025	7155713	15.12%	0.277%
418	19.131	19.127	19.134	HH	739971	2942527	6.22%	0.114%
419	19.140	19.134	19.145	HH	744044	4889957	10.33%	0.189%
420	19.172	19.145	19.195	HH	793895	23046118	48.70%	0.893%
421	19.200	19.195	19.214	HH	761285	8689969	18.36%	0.337%
422	19.226	19.214	19.242	HH	781660	13117030	27.72%	0.508%
423	19.264	19.242	19.269	HH	796789	12688704	26.81%	0.491%
424	19.275	19.269	19.284	HH	783875	7029957	14.86%	0.272%
425	19.297	19.284	19.316	HH	786551	14452439	30.54%	0.560%
426	19.356	19.316	19.361	HH	811742	21285895	44.98%	0.824%
427	19.394	19.361	19.427	HH	844205	33246093	70.26%	1.288%
428	19.451	19.427	19.461	HH	857450	17196850	36.34%	0.666%
429	19.500	19.461	19.551	HH	931366	47320167	100.00%	1.833%
430	19.567	19.551	19.592	HH	898427	21806660	46.08%	0.845%
431	19.595	19.592	19.602	HH	855011	5072407	10.72%	0.196%
432	19.608	19.602	19.632	HH	849849	15013549	31.73%	0.581%
433	19.683	19.632	19.688	HH	870974	28471138	60.17%	1.103%
434	19.696	19.688	19.719	HH	870335	15780578	33.35%	0.611%
435	19.733	19.719	19.737	HH	860459	9219022	19.48%	0.357%
436	19.797	19.737	19.822	HH	959711	46821702	98.95%	1.813%
437	19.845	19.822	19.859	HH	930388	20408700	43.13%	0.790%
438	19.866	19.859	19.883	HH	928107	13110974	27.71%	0.508%
439	19.899	19.883	19.904	HH	943710	11844662	25.03%	0.459%
440	19.918	19.904	19.933	HH	953497	16651220	35.19%	0.645%
441	19.957	19.933	19.962	HH	956939	16165972	34.16%	0.626%
442	19.971	19.962	19.977	HH	966297	8880269	18.77%	0.344%
443	19.981	19.977	19.999	HH	962389	12570954	26.57%	0.487%
444	20.005	19.999	20.013	HH	947255	8000732	16.91%	0.310%
445	20.039	20.013	20.068	HH	963017	31344965	66.24%	1.214%
446	20.076	20.068	20.083	HH	956512	8716890	18.42%	0.338%
447	20.096	20.083	20.117	HH	968855	19403678	41.01%	0.751%
448	20.135	20.117	20.142	HH	970751	14680004	31.02%	0.569%
449	20.156	20.142	20.172	HH	983498	17567479	37.12%	0.680%
450	20.191	20.172	20.209	HH	1006965	22138401	46.78%	0.857%
451	20.221	20.209	20.231	HH	1010194	12730116	26.90%	0.493%
452	20.257	20.231	20.281	HH	1045490	30664808	64.80%	1.188%
453	20.287	20.281	20.293	HH	1024613	7792550	16.47%	0.302%
454	20.299	20.293	20.309	HH	1019669	9453958	19.98%	0.366%
455	20.313	20.309	20.319	HH	1006069	6293883	13.30%	0.244%
456	20.345	20.319	20.364	HH	1018624	26898380	56.84%	1.042%

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457	20.378	20.364	20.393	HH	1017607	17424291	36.82%	0.675%
458	20.397	20.393	20.412	HH	1003097	11731661	24.79%	0.454%
459	20.441	20.412	20.445	HH	1022955	20079592	42.43%	0.778%
460	20.455	20.445	20.462	HH	1034753	10424558	22.03%	0.404%
461	20.478	20.462	20.495	HH	1033952	20056076	42.38%	0.777%
462	20.514	20.495	20.531	HH	1030803	21705312	45.87%	0.841%
463	20.546	20.531	20.582	HH	1026679	31464977	66.49%	1.219%
464	20.592	20.582	20.606	HH	1002174	13954469	29.49%	0.540%
465	20.616	20.606	20.662	HH	996147	32820806	69.36%	1.271%
466	20.670	20.662	20.689	HH	977207	15637902	33.05%	0.606%
467	20.706	20.689	20.716	HH	971880	15455106	32.66%	0.599%
468	20.736	20.716	20.744	HH	983090	16590448	35.06%	0.643%
469	20.758	20.744	20.767	HH	982217	13248539	28.00%	0.513%
470	20.777	20.767	20.783	HH	981357	9424786	19.92%	0.365%
471	20.786	20.783	20.795	HH	968290	6831055	14.44%	0.265%
472	20.802	20.795	20.843	HH	969213	27482329	58.08%	1.064%
473	20.848	20.843	20.851	HH	929866	4111703	8.69%	0.159%
474	20.855	20.851	20.869	HH	935569	10052512	21.24%	0.389%
475	20.879	20.869	20.914	HH	934434	25457304	53.80%	0.986%
476	20.924	20.914	20.932	HH	934405	9628504	20.35%	0.373%
477	20.937	20.932	20.949	HH	920198	9663478	20.42%	0.374%
478	20.974	20.949	20.978	HH	938304	16165007	34.16%	0.626%
479	20.983	20.978	20.988	HH	944748	5535405	11.70%	0.214%
480	20.999	20.988	21.041	HH	953446	29727739	62.82%	1.151%
481	21.049	21.041	21.056	HH	928717	8319594	17.58%	0.322%
482	21.064	21.056	21.080	HH	931750	13072485	27.63%	0.506%
483	21.086	21.080	21.099	HH	916779	10557332	22.31%	0.409%
484	21.104	21.099	21.115	HH	913460	8993675	19.01%	0.348%
485	21.121	21.115	21.127	HH	898258	6219243	13.14%	0.241%
486	21.147	21.127	21.177	HH	906654	26905230	56.86%	1.042%
487	21.184	21.177	21.200	HH	888790	11964751	25.28%	0.463%
488	21.222	21.200	21.229	HH	889640	15442929	32.63%	0.598%
489	21.236	21.229	21.254	HH	886685	13317062	28.14%	0.516%
490	21.258	21.254	21.266	HH	877220	6156875	13.01%	0.238%
491	21.271	21.266	21.281	HH	878189	8003266	16.91%	0.310%
492	21.285	21.281	21.307	HH	872299	13343311	28.20%	0.517%
493	21.325	21.307	21.344	HH	874448	19238765	40.66%	0.745%
494	21.352	21.344	21.369	HH	875814	13043617	27.56%	0.505%
495	21.376	21.369	21.382	HH	871950	6693487	14.15%	0.259%
496	21.393	21.382	21.399	HH	878150	9003033	19.03%	0.349%
497	21.406	21.399	21.422	HH	877790	12236099	25.86%	0.474%
498	21.446	21.422	21.483	HH	883175	31254850	66.05%	1.210%
499	21.488	21.483	21.501	HHA	837509	9350506	19.76%	0.362%
Sum of corrected areas:						2582093024		

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