

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070518\
 Data File : FE028085.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jul 2018 10:28
 Sample : J3852-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062618.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.626	2.555	2.639	BH	119	83	0.00%	0.000%
2	2.698	2.639	2.709	PH	128	1908	0.03%	0.001%
3	2.715	2.709	2.724	HH	75	548	0.01%	0.000%
4	2.732	2.724	2.745	PH	172	627	0.01%	0.000%
5	2.800	2.745	2.839	PH	879	13656	0.22%	0.005%
6	2.853	2.839	2.869	HH	972	9169	0.15%	0.003%
7	2.876	2.869	2.935	HH	1017	15657	0.25%	0.006%
8	2.941	2.935	2.965	HH	268	3876	0.06%	0.001%
9	2.982	2.965	2.995	HH	413	4875	0.08%	0.002%
10	3.013	2.995	3.025	HH	343	5421	0.09%	0.002%
11	3.045	3.025	3.059	HH	373	6728	0.11%	0.002%
12	3.079	3.059	3.089	HH	550	7714	0.12%	0.003%
13	3.104	3.089	3.119	HH	456	6978	0.11%	0.003%
14	3.170	3.119	3.226	HH	1011	38567	0.62%	0.014%
15	3.233	3.226	3.314	HH	611	30115	0.48%	0.011%
16	3.328	3.314	3.382	HH	829	27908	0.45%	0.010%
17	3.399	3.382	3.409	HH	873	11892	0.19%	0.004%
18	3.423	3.409	3.464	HH	853	22303	0.36%	0.008%
19	3.484	3.464	3.497	HH	711	11774	0.19%	0.004%
20	3.548	3.497	3.597	HH	1716	53443	0.85%	0.019%
21	3.636	3.597	3.701	HH	992	44683	0.71%	0.016%
22	3.725	3.701	3.739	HH	914	18150	0.29%	0.007%
23	3.750	3.739	3.766	HH	883	12782	0.20%	0.005%
24	3.790	3.766	3.825	HH	1088	34633	0.55%	0.013%
25	3.839	3.825	3.902	HH	1038	41243	0.66%	0.015%
26	3.931	3.902	3.998	HH	1180	53786	0.86%	0.019%
27	4.018	3.998	4.036	HH	1001	20643	0.33%	0.007%
28	4.047	4.036	4.081	HH	995	24411	0.39%	0.009%
29	4.093	4.081	4.110	HH	910	15673	0.25%	0.006%
30	4.126	4.110	4.135	HH	1081	14462	0.23%	0.005%
31	4.145	4.135	4.185	HH	1124	28830	0.46%	0.010%
32	4.195	4.185	4.211	HH	970	14517	0.23%	0.005%
33	4.228	4.211	4.239	HH	1061	16894	0.27%	0.006%
34	4.258	4.239	4.275	HH	1222	24246	0.39%	0.009%
35	4.306	4.275	4.386	HH	6595	127490	2.03%	0.046%
36	4.399	4.386	4.445	HH	1325	40826	0.65%	0.015%

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37	4.476	4.445	4.565	HH	3665	150138	2.40%	0.054%
38	4.582	4.565	4.640	HH	1501	58746	0.94%	0.021%
39	4.674	4.640	4.691	HH	1389	39833	0.64%	0.014%
40	4.709	4.691	4.756	HH	1628	56657	0.90%	0.021%
41	4.798	4.756	4.867	HH	1660	97677	1.56%	0.035%
42	4.894	4.867	4.905	HH	1498	32849	0.52%	0.012%
43	4.911	4.905	4.935	HH	1471	25505	0.41%	0.009%
44	4.945	4.935	4.962	HH	1489	23077	0.37%	0.008%
45	4.970	4.962	4.990	HH	1510	23202	0.37%	0.008%
46	5.003	4.990	5.015	HH	1405	20266	0.32%	0.007%
47	5.019	5.015	5.027	HH	1375	9063	0.14%	0.003%
48	5.064	5.027	5.085	HH	1656	50474	0.81%	0.018%
49	5.098	5.085	5.115	HH	1480	24882	0.40%	0.009%
50	5.139	5.115	5.163	HH	1526	40537	0.65%	0.015%
51	5.172	5.163	5.192	HH	1431	23583	0.38%	0.009%
52	5.228	5.192	5.256	HH	2914	69631	1.11%	0.025%
53	5.275	5.256	5.293	HH	1526	32443	0.52%	0.012%
54	5.312	5.293	5.351	HH	2040	55231	0.88%	0.020%
55	5.407	5.351	5.435	HH	1529	72045	1.15%	0.026%
56	5.458	5.435	5.485	HH	1590	43024	0.69%	0.016%
57	5.493	5.485	5.502	HH	1393	13538	0.22%	0.005%
58	5.516	5.502	5.526	HH	1459	20587	0.33%	0.007%
59	5.533	5.526	5.554	HH	1378	21926	0.35%	0.008%
60	5.573	5.554	5.626	HH	3456	79114	1.26%	0.029%
61	5.650	5.626	5.676	HH	1566	43930	0.70%	0.016%
62	5.729	5.676	5.739	HH	1807	56995	0.91%	0.021%
63	5.751	5.739	5.780	HH	1775	38748	0.62%	0.014%
64	5.809	5.780	5.830	HH	1568	45472	0.73%	0.016%
65	5.863	5.830	5.872	HH	1822	40543	0.65%	0.015%
66	5.882	5.872	5.927	HH	1976	56059	0.89%	0.020%
67	5.940	5.927	5.982	HH	1675	52562	0.84%	0.019%
68	6.000	5.982	6.015	HH	1710	32839	0.52%	0.012%
69	6.031	6.015	6.048	HH	1788	34071	0.54%	0.012%
70	6.065	6.048	6.078	HH	1789	30289	0.48%	0.011%
71	6.098	6.078	6.151	HH	1942	77002	1.23%	0.028%
72	6.195	6.151	6.229	HH	1960	89562	1.43%	0.032%
73	6.250	6.229	6.259	HH	1941	33942	0.54%	0.012%
74	6.277	6.259	6.301	HH	2095	51580	0.82%	0.019%
75	6.326	6.301	6.369	HH	3319	95695	1.53%	0.035%
76	6.395	6.369	6.430	HH	2282	81696	1.30%	0.030%
77	6.447	6.430	6.498	HH	3107	96735	1.54%	0.035%
78	6.543	6.498	6.555	HH	2156	68864	1.10%	0.025%
79	6.585	6.555	6.605	HH	4525	81985	1.31%	0.030%
80	6.620	6.605	6.648	HH	2464	59933	0.96%	0.022%
81	6.664	6.648	6.685	HH	2301	48173	0.77%	0.017%
82	6.698	6.685	6.715	HH	2161	36974	0.59%	0.013%
83	6.736	6.715	6.806	HH	2587	120697	1.93%	0.044%
84	6.841	6.806	6.856	HH	1976	57845	0.92%	0.021%
85	6.877	6.856	6.912	HH	2214	68858	1.10%	0.025%
86	6.923	6.912	6.937	HH	2070	30740	0.49%	0.011%
87	6.957	6.937	7.005	HH	2052	79563	1.27%	0.029%
88	7.029	7.005	7.057	HH	2200	63948	1.02%	0.023%
89	7.085	7.057	7.114	HH	2111	67626	1.08%	0.025%

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90	7.132	7.114	7.152	HH	2219	46826	0.75%	0.017%
91	7.197	7.152	7.218	HH	3068	93071	1.49%	0.034%
92	7.228	7.218	7.256	HH	2381	50922	0.81%	0.018%
93	7.274	7.256	7.309	HH	2243	67199	1.07%	0.024%
94	7.315	7.309	7.330	HH	2123	27730	0.44%	0.010%
95	7.385	7.330	7.483	HH	3509	222987	3.56%	0.081%
96	7.538	7.483	7.557	HH	2966	106869	1.71%	0.039%
97	7.581	7.557	7.629	HH	2457	99837	1.59%	0.036%
98	7.638	7.629	7.651	HH	2235	29291	0.47%	0.011%
99	7.668	7.651	7.684	HH	2614	47119	0.75%	0.017%
100	7.703	7.684	7.752	HH	2348	91652	1.46%	0.033%
101	7.792	7.752	7.821	HH	2746	100726	1.61%	0.037%
102	7.836	7.821	7.870	HH	2797	72910	1.16%	0.026%
103	7.891	7.870	7.956	HH	4235	136801	2.18%	0.050%
104	8.075	7.956	8.095	HH	3942	259093	4.13%	0.094%
105	8.111	8.095	8.121	HH	3270	47741	0.76%	0.017%
106	8.136	8.121	8.182	HH	4012	117714	1.88%	0.043%
107	8.191	8.182	8.206	HH	2686	38716	0.62%	0.014%
108	8.221	8.206	8.244	HH	2672	59771	0.95%	0.022%
109	8.284	8.244	8.343	HH	2944	161743	2.58%	0.059%
110	8.368	8.343	8.378	HH	3080	58730	0.94%	0.021%
111	8.391	8.378	8.415	HH	3328	69109	1.10%	0.025%
112	8.439	8.415	8.468	HH	4315	105060	1.68%	0.038%
113	8.516	8.468	8.582	HH	8644	288182	4.60%	0.104%
114	8.617	8.582	8.662	HH	158234	1512906	24.14%	0.548%
115	8.680	8.662	8.715	HH	6997	136972	2.19%	0.050%
116	8.730	8.715	8.755	HH	3230	73629	1.17%	0.027%
117	8.776	8.755	8.822	HH	5165	136864	2.18%	0.050%
118	8.840	8.822	8.862	HH	2930	69399	1.11%	0.025%
119	8.866	8.862	8.874	HH	2861	20709	0.33%	0.008%
120	8.919	8.874	8.942	HH	3603	127842	2.04%	0.046%
121	8.972	8.942	8.995	HH	4598	118037	1.88%	0.043%
122	9.007	8.995	9.022	HH	3814	60003	0.96%	0.022%
123	9.039	9.022	9.064	HH	3904	86251	1.38%	0.031%
124	9.084	9.064	9.102	HH	4145	82047	1.31%	0.030%
125	9.135	9.102	9.148	HH	3846	100458	1.60%	0.036%
126	9.166	9.148	9.185	HH	4020	84640	1.35%	0.031%
127	9.197	9.185	9.227	HH	3800	92459	1.48%	0.034%
128	9.274	9.227	9.316	HH	5042	218235	3.48%	0.079%
129	9.324	9.316	9.338	HH	3499	44033	0.70%	0.016%
130	9.368	9.338	9.400	HH	6901	164987	2.63%	0.060%
131	9.424	9.400	9.442	HH	3730	86278	1.38%	0.031%
132	9.455	9.442	9.474	HH	3426	63937	1.02%	0.023%
133	9.549	9.474	9.586	HH	5730	256934	4.10%	0.093%
134	9.595	9.586	9.613	HH	3504	56139	0.90%	0.020%
135	9.629	9.613	9.642	HH	3679	60434	0.96%	0.022%
136	9.676	9.642	9.684	HH	3680	87594	1.40%	0.032%
137	9.701	9.684	9.730	HH	4244	111635	1.78%	0.040%
138	9.760	9.730	9.779	HH	5232	128840	2.06%	0.047%
139	9.794	9.779	9.819	HH	5031	107731	1.72%	0.039%
140	9.838	9.819	9.852	HH	4428	84816	1.35%	0.031%
141	9.875	9.852	9.899	HH	12768	195397	3.12%	0.071%

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142	9.932	9.899	9.957	HH	4837	144181	2.30%	0.052%
143	9.996	9.957	10.016	HH	5222	148377	2.37%	0.054%
144	10.032	10.016	10.051	HH	3981	81126	1.29%	0.029%
145	10.089	10.051	10.122	HH	5208	191969	3.06%	0.070%
146	10.152	10.122	10.174	HH	12584	206994	3.30%	0.075%
147	10.192	10.174	10.204	HH	4670	79979	1.28%	0.029%
148	10.221	10.204	10.245	HH	4706	111840	1.78%	0.041%
149	10.263	10.245	10.297	HH	5003	139995	2.23%	0.051%
150	10.325	10.297	10.345	HH	4466	124529	1.99%	0.045%
151	10.367	10.345	10.399	HH	4607	143939	2.30%	0.052%
152	10.435	10.399	10.452	HH	4718	141774	2.26%	0.051%
153	10.502	10.452	10.523	HH	5883	217684	3.47%	0.079%
154	10.545	10.523	10.574	HH	7541	180551	2.88%	0.065%
155	10.592	10.574	10.607	HH	5679	101993	1.63%	0.037%
156	10.635	10.607	10.668	HH	6045	192231	3.07%	0.070%
157	10.689	10.668	10.720	HH	6020	166835	2.66%	0.060%
158	10.736	10.720	10.755	HH	5292	105958	1.69%	0.038%
159	10.789	10.755	10.806	HH	7717	188586	3.01%	0.068%
160	10.823	10.806	10.833	HH	6580	100570	1.60%	0.036%
161	10.849	10.833	10.864	HH	7254	125362	2.00%	0.045%
162	10.894	10.864	10.922	HH	13921	280930	4.48%	0.102%
163	10.968	10.922	10.994	HH	8327	276785	4.42%	0.100%
164	11.009	10.994	11.023	HH	6566	109910	1.75%	0.040%
165	11.042	11.023	11.084	HH	6591	215296	3.44%	0.078%
166	11.115	11.084	11.134	HH	5712	169137	2.70%	0.061%
167	11.150	11.134	11.157	HH	5635	76848	1.23%	0.028%
168	11.179	11.157	11.200	HH	11439	203765	3.25%	0.074%
169	11.221	11.200	11.237	HH	7527	150467	2.40%	0.055%
170	11.257	11.237	11.331	HH	7563	366640	5.85%	0.133%
171	11.352	11.331	11.370	HH	6380	136835	2.18%	0.050%
172	11.403	11.370	11.439	HH	6251	237941	3.80%	0.086%
173	11.467	11.439	11.484	HH	6338	154985	2.47%	0.056%
174	11.493	11.484	11.514	HH	5663	102459	1.63%	0.037%
175	11.531	11.514	11.548	HH	6197	121939	1.95%	0.044%
176	11.601	11.548	11.622	HH	11288	319154	5.09%	0.116%
177	11.645	11.622	11.659	HH	6090	132760	2.12%	0.048%
178	11.689	11.659	11.744	HH	9315	342006	5.46%	0.124%
179	11.771	11.744	11.784	HH	6424	144403	2.30%	0.052%
180	11.799	11.784	11.819	HH	7116	133702	2.13%	0.048%
181	11.867	11.819	11.887	HH	7327	265381	4.23%	0.096%
182	11.915	11.887	11.949	HH	6602	232206	3.71%	0.084%
183	11.986	11.949	11.994	HH	7123	181409	2.89%	0.066%
184	12.014	11.994	12.051	HH	7921	234902	3.75%	0.085%
185	12.167	12.051	12.241	HH	12342	1029575	16.43%	0.373%
186	12.272	12.241	12.300	HH	11089	314472	5.02%	0.114%
187	12.324	12.300	12.338	HH	7598	164945	2.63%	0.060%
188	12.374	12.338	12.402	HH	8496	288894	4.61%	0.105%
189	12.424	12.402	12.434	HH	6968	131538	2.10%	0.048%
190	12.459	12.434	12.479	HH	7717	193243	3.08%	0.070%
191	12.527	12.479	12.679	HH	62809	1808802	28.86%	0.656%
192	12.690	12.679	12.721	HH	8980	214965	3.43%	0.078%
193	12.738	12.721	12.753	HH	8624	164883	2.63%	0.060%
194	12.769	12.753	12.793	HH	8850	206931	3.30%	0.075%

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195	12.805	12.793	12.828	HH	8595	173001	2.76%	0.063%
196	12.853	12.828	12.875	HH	8787	241751	3.86%	0.088%
197	12.917	12.875	12.941	HH	11753	368795	5.88%	0.134%
198	12.953	12.941	12.957	HH	8647	83849	1.34%	0.030%
199	12.981	12.957	12.996	HH	22045	331953	5.30%	0.120%
200	13.012	12.996	13.053	HH	24453	458865	7.32%	0.166%
201	13.073	13.053	13.083	HH	8514	148315	2.37%	0.054%
202	13.108	13.083	13.122	HH	8971	201278	3.21%	0.073%
203	13.154	13.122	13.189	HH	10172	369749	5.90%	0.134%
204	13.210	13.189	13.229	HH	9199	217237	3.47%	0.079%
205	13.284	13.229	13.294	HH	9643	356954	5.70%	0.129%
206	13.315	13.294	13.352	HH	21292	438982	7.00%	0.159%
207	13.369	13.352	13.383	HH	9616	174052	2.78%	0.063%
208	13.400	13.383	13.422	HH	10446	229405	3.66%	0.083%
209	13.441	13.422	13.469	HH	15369	327724	5.23%	0.119%
210	13.492	13.469	13.503	HH	11006	214791	3.43%	0.078%
211	13.535	13.503	13.565	HH	17770	481018	7.68%	0.174%
212	13.582	13.565	13.625	HH	11121	366553	5.85%	0.133%
213	13.659	13.625	13.685	HH	9929	353105	5.63%	0.128%
214	13.731	13.685	13.741	HH	11960	351488	5.61%	0.127%
215	13.764	13.741	13.861	HH	40185	1179134	18.81%	0.427%
216	13.906	13.861	13.949	HH	13114	615259	9.82%	0.223%
217	13.972	13.949	13.993	HH	11238	295638	4.72%	0.107%
218	14.012	13.993	14.033	HH	12048	267213	4.26%	0.097%
219	14.072	14.033	14.094	HH	12991	417636	6.66%	0.151%
220	14.120	14.094	14.138	HH	14696	320866	5.12%	0.116%
221	14.148	14.138	14.170	HH	11451	214740	3.43%	0.078%
222	14.193	14.170	14.207	HH	19728	269867	4.31%	0.098%
223	14.225	14.207	14.258	HH	11067	327002	5.22%	0.119%
224	14.271	14.258	14.293	HH	10458	214843	3.43%	0.078%
225	14.361	14.293	14.397	HH	10988	670777	10.70%	0.243%
226	14.440	14.397	14.465	HH	10992	439109	7.01%	0.159%
227	14.488	14.465	14.506	HH	12553	285251	4.55%	0.103%
228	14.524	14.506	14.539	HH	11625	225311	3.60%	0.082%
229	14.565	14.539	14.585	HH	12177	321551	5.13%	0.117%
230	14.622	14.585	14.640	HH	15124	413023	6.59%	0.150%
231	14.649	14.640	14.662	HH	12423	163974	2.62%	0.059%
232	14.687	14.662	14.735	HH	19160	637262	10.17%	0.231%
233	14.751	14.735	14.805	HH	14083	543126	8.67%	0.197%
234	14.828	14.805	14.867	HH	13029	447266	7.14%	0.162%
235	14.893	14.867	14.902	HH	13841	267797	4.27%	0.097%
236	14.911	14.902	14.937	HH	14044	274713	4.38%	0.100%
237	14.954	14.937	14.989	HH	12950	376927	6.01%	0.137%
238	15.029	14.989	15.059	HH	313545	3989199	63.65%	1.446%
239	15.071	15.059	15.107	HH	13245	360128	5.75%	0.131%
240	15.123	15.107	15.139	HH	11946	220186	3.51%	0.080%
241	15.163	15.139	15.173	HH	13026	255056	4.07%	0.092%
242	15.203	15.173	15.215	HH	21207	417513	6.66%	0.151%
243	15.241	15.215	15.265	HH	24331	601074	9.59%	0.218%
244	15.279	15.265	15.347	HH	14615	641002	10.23%	0.232%
245	15.368	15.347	15.383	HH	14086	280360	4.47%	0.102%
246	15.390	15.383	15.407	HH	13388	189142	3.02%	0.069%

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247	15.428	15.407	15.464	HH	13407	434917	6.94%	0.158%
248	15.478	15.464	15.490	HH	12343	187974	3.00%	0.068%
249	15.508	15.490	15.535	HH	12888	342793	5.47%	0.124%
250	15.565	15.535	15.580	HH	13134	341230	5.44%	0.124%
251	15.595	15.580	15.609	HH	12954	225843	3.60%	0.082%
252	15.638	15.609	15.655	HH	12982	355218	5.67%	0.129%
253	15.752	15.655	15.830	HH	41461	2518848	40.19%	0.913%
254	15.848	15.830	15.905	HH	24162	847315	13.52%	0.307%
255	15.920	15.905	15.959	HH	14481	442341	7.06%	0.160%
256	15.969	15.959	15.986	HH	13332	212533	3.39%	0.077%
257	16.049	15.986	16.064	HH	15005	653743	10.43%	0.237%
258	16.075	16.064	16.097	HH	14695	273125	4.36%	0.099%
259	16.122	16.097	16.140	HH	13871	348188	5.56%	0.126%
260	16.147	16.140	16.161	HH	13308	160274	2.56%	0.058%
261	16.214	16.161	16.230	HH	13743	558034	8.90%	0.202%
262	16.254	16.230	16.279	HH	25692	531706	8.48%	0.193%
263	16.319	16.279	16.342	HH	16195	565807	9.03%	0.205%
264	16.354	16.342	16.369	HH	14199	230304	3.67%	0.083%
265	16.389	16.369	16.406	HH	14398	310569	4.96%	0.113%
266	16.423	16.406	16.436	HH	13933	245366	3.92%	0.089%
267	16.445	16.436	16.458	HH	13961	181427	2.89%	0.066%
268	16.481	16.458	16.528	HH	14393	595236	9.50%	0.216%
269	16.566	16.528	16.599	HH	15570	633300	10.10%	0.230%
270	16.617	16.599	16.642	HH	15372	380786	6.08%	0.138%
271	16.648	16.642	16.664	HH	15010	190581	3.04%	0.069%
272	16.741	16.664	16.757	HH	31614	1059616	16.91%	0.384%
273	16.776	16.757	16.793	HH	32518	570058	9.10%	0.207%
274	16.804	16.793	16.865	HH	25623	922479	14.72%	0.334%
275	16.877	16.865	16.891	HH	18971	286600	4.57%	0.104%
276	16.907	16.891	16.929	HH	20171	422148	6.74%	0.153%
277	16.946	16.929	16.992	HH	17555	637485	10.17%	0.231%
278	17.068	16.992	17.077	HH	19155	886940	14.15%	0.321%
279	17.100	17.077	17.140	HH	27895	786099	12.54%	0.285%
280	17.159	17.140	17.186	HH	26288	573280	9.15%	0.208%
281	17.209	17.186	17.239	HH	31417	706305	11.27%	0.256%
282	17.263	17.239	17.335	HH	37996	1262037	20.14%	0.457%
283	17.366	17.335	17.382	HH	17762	496443	7.92%	0.180%
284	17.415	17.382	17.458	HH	18191	809163	12.91%	0.293%
285	17.480	17.458	17.487	HH	19036	321477	5.13%	0.117%
286	17.499	17.487	17.526	HH	19182	438100	6.99%	0.159%
287	17.580	17.526	17.609	HH	19753	943345	15.05%	0.342%
288	17.661	17.609	17.692	HH	42402	1238555	19.76%	0.449%
289	17.753	17.692	17.785	HH	23741	1214145	19.37%	0.440%
290	17.821	17.785	17.849	HH	22467	834407	13.31%	0.302%
291	17.867	17.849	17.910	HH	20733	731134	11.67%	0.265%
292	17.948	17.910	17.969	HH	20640	713376	11.38%	0.259%
293	17.988	17.969	18.015	HH	21207	569786	9.09%	0.207%
294	18.060	18.015	18.074	HH	21890	738528	11.78%	0.268%
295	18.100	18.074	18.125	HH	38412	852384	13.60%	0.309%
296	18.135	18.125	18.169	HH	21873	561700	8.96%	0.204%
297	18.193	18.169	18.225	HH	27036	804953	12.84%	0.292%
298	18.262	18.225	18.273	HH	22993	656241	10.47%	0.238%
299	18.294	18.273	18.341	HH	25166	978567	15.61%	0.355%

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300	18.365	18.341	18.407	HH	26429	950521	15.17%	0.345%
301	18.452	18.407	18.502	HH	29230	1447884	23.10%	0.525%
302	18.529	18.502	18.559	HH	49334	1248633	19.92%	0.453%
303	18.625	18.559	18.644	HH	38127	1784827	28.48%	0.647%
304	18.660	18.644	18.689	HH	36757	934960	14.92%	0.339%
305	18.698	18.689	18.725	HH	31732	673285	10.74%	0.244%
306	18.734	18.725	18.762	HH	29735	619827	9.89%	0.225%
307	18.797	18.762	18.818	HH	35442	1005353	16.04%	0.364%
308	18.843	18.818	18.872	HH	31183	920719	14.69%	0.334%
309	18.933	18.872	18.985	HH	46854	2099798	33.50%	0.761%
310	19.007	18.985	19.017	HH	28853	539918	8.61%	0.196%
311	19.040	19.017	19.064	HH	34608	878237	14.01%	0.318%
312	19.083	19.064	19.109	HH	31023	789434	12.60%	0.286%
313	19.131	19.109	19.156	HH	31128	859806	13.72%	0.312%
314	19.179	19.156	19.203	HH	30312	818913	13.07%	0.297%
315	19.225	19.203	19.241	HH	30173	692362	11.05%	0.251%
316	19.261	19.241	19.281	HH	32466	731443	11.67%	0.265%
317	19.335	19.281	19.371	HH	40203	1836888	29.31%	0.666%
318	19.439	19.371	19.459	HH	44300	2068284	33.00%	0.750%
319	19.482	19.459	19.499	HH	42677	1016815	16.22%	0.369%
320	19.509	19.499	19.611	HH	42228	2519981	40.21%	0.913%
321	19.634	19.611	19.643	HH	34861	665638	10.62%	0.241%
322	19.666	19.643	19.692	HH	37565	1044118	16.66%	0.378%
323	19.723	19.692	19.775	HH	42349	1839750	29.35%	0.667%
324	19.824	19.775	19.860	HH	42298	1891368	30.18%	0.686%
325	19.882	19.860	19.899	HH	35807	812904	12.97%	0.295%
326	19.957	19.899	19.980	HH	39088	1807956	28.85%	0.655%
327	20.010	19.980	20.059	HH	40933	1857492	29.64%	0.673%
328	20.126	20.059	20.165	HH	50460	2687861	42.89%	0.974%
329	20.202	20.165	20.262	HH	45525	2405632	38.38%	0.872%
330	20.287	20.262	20.309	HH	42255	1156092	18.45%	0.419%
331	20.339	20.309	20.355	HH	45782	1191795	19.02%	0.432%
332	20.366	20.355	20.399	HH	45429	1165795	18.60%	0.423%
333	20.433	20.399	20.445	HH	43036	1192113	19.02%	0.432%
334	20.467	20.445	20.477	HH	45509	843255	13.45%	0.306%
335	20.496	20.477	20.549	HH	47792	1884099	30.06%	0.683%
336	20.585	20.549	20.622	HH	43680	1861649	29.70%	0.675%
337	20.628	20.622	20.636	HH	41571	346295	5.53%	0.126%
338	20.662	20.636	20.699	HH	49124	1656111	26.42%	0.600%
339	20.726	20.699	20.799	HH	41890	2495136	39.81%	0.904%
340	20.886	20.799	20.946	HH	68885	4116553	65.68%	1.492%
341	20.978	20.946	21.001	HH	44242	1389289	22.17%	0.504%
342	21.028	21.001	21.107	HH	44971	2672316	42.64%	0.969%
343	21.150	21.107	21.185	HH	41813	1898224	30.29%	0.688%
344	21.199	21.185	21.258	HH	40783	1782845	28.45%	0.646%
345	21.287	21.258	21.391	HH	41722	3185906	50.83%	1.155%
346	21.435	21.391	21.509	HH	39623	2789060	44.50%	1.011%
347	21.535	21.509	21.569	HH	39105	1385478	22.11%	0.502%
348	21.576	21.569	21.585	HH	39152	384993	6.14%	0.140%
349	21.642	21.585	21.736	HH	44342	3646739	58.19%	1.322%
350	21.776	21.736	21.798	HH	39653	1463743	23.36%	0.531%
351	21.819	21.798	21.877	HH	39552	1826939	29.15%	0.662%

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352	21.898	21.877	21.912	HH	38609	814774	13.00%	0.295%
353	21.938	21.912	22.021	HH	39527	2488073	39.70%	0.902%
354	22.050	22.021	22.062	HH	38030	933376	14.89%	0.338%
355	22.067	22.062	22.109	HH	38038	1072514	17.11%	0.389%
356	22.131	22.109	22.174	HH	37853	1448831	23.12%	0.525%
357	22.187	22.174	22.212	HH	37453	861733	13.75%	0.312%
358	22.232	22.212	22.269	HH	37842	1271197	20.28%	0.461%
359	22.364	22.269	22.474	HH	41651	4766712	76.06%	1.728%
360	22.514	22.474	22.559	HH	37433	1871011	29.85%	0.678%
361	22.599	22.559	22.628	HH	37301	1536945	24.52%	0.557%
362	22.646	22.628	22.699	HH	36890	1553470	24.79%	0.563%
363	22.707	22.699	22.727	HH	36362	614457	9.80%	0.223%
364	22.732	22.727	22.785	HH	36278	1262760	20.15%	0.458%
365	22.792	22.785	22.876	HH	35869	1930362	30.80%	0.700%
366	22.970	22.876	23.012	HH	36707	2933959	46.81%	1.063%
367	23.045	23.012	23.120	HH	36497	2340386	37.34%	0.848%
368	23.129	23.120	23.139	HH	35620	392627	6.26%	0.142%
369	23.230	23.139	23.307	HH	38869	3731487	59.54%	1.353%
370	23.331	23.307	23.422	HH	35436	2389727	38.13%	0.866%
371	23.430	23.422	23.446	HH	34171	486122	7.76%	0.176%
372	23.510	23.446	23.522	HH	34443	1568560	25.03%	0.569%
373	23.526	23.522	23.559	HH	34456	752106	12.00%	0.273%
374	23.572	23.559	23.582	HH	34153	477961	7.63%	0.173%
375	23.606	23.582	23.623	HH	34183	847739	13.53%	0.307%
376	23.642	23.623	23.652	HH	34274	584609	9.33%	0.212%
377	23.701	23.652	23.765	HH	35180	2347969	37.46%	0.851%
378	23.784	23.765	23.866	HH	34181	2051006	32.73%	0.743%
379	23.953	23.866	24.070	HH	34063	4102863	65.46%	1.487%
380	24.083	24.070	24.091	HH	33379	432151	6.90%	0.157%
381	24.107	24.091	24.113	HH	33491	440526	7.03%	0.160%
382	24.122	24.113	24.189	HH	33534	1502981	23.98%	0.545%
383	24.303	24.189	24.442	HH	35599	5145610	82.10%	1.865%
384	24.462	24.442	24.485	HH	32816	851363	13.58%	0.309%
385	24.497	24.485	24.504	HH	33008	375853	6.00%	0.136%
386	24.564	24.504	24.634	HH	34066	2617157	41.76%	0.949%
387	24.648	24.634	24.692	HH	33097	1140775	18.20%	0.413%
388	24.697	24.692	24.716	HH	32802	475751	7.59%	0.172%
389	24.819	24.716	24.836	HH	32841	2341325	37.36%	0.849%
390	24.870	24.836	24.936	HH	33159	1968485	31.41%	0.714%
391	24.959	24.936	24.969	HH	32349	634431	10.12%	0.230%
392	25.063	24.969	25.096	HH	33248	2491822	39.76%	0.903%
393	25.105	25.096	25.205	HH	32648	2130034	33.99%	0.772%
394	25.214	25.205	25.249	HH	32271	835197	13.33%	0.303%
395	25.272	25.249	25.282	HH	32185	641410	10.23%	0.232%
396	25.313	25.282	25.346	HH	32298	1226779	19.57%	0.445%
397	25.355	25.346	25.388	HH	32189	809519	12.92%	0.293%
398	25.409	25.388	25.432	HH	32169	856920	13.67%	0.311%
399	25.445	25.432	25.457	HH	32160	481585	7.68%	0.175%
400	25.580	25.457	25.691	HH	33671	4590278	73.24%	1.664%
401	25.720	25.691	25.880	HH	32371	3606261	57.54%	1.307%
402	25.894	25.880	25.917	HH	31148	674361	10.76%	0.244%
403	26.076	25.917	26.087	HH	32322	3231687	51.56%	1.171%
404	26.098	26.087	26.252	HH	32351	3142427	50.14%	1.139%

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405	26.270	26.252	26.279	HH	31030	509271	8.13%	0.185%
406	26.291	26.279	26.312	HH	31019	605602	9.66%	0.220%
407	26.421	26.312	26.482	HH	31606	3195846	50.99%	1.158%
408	26.495	26.482	26.566	HH	31443	1572464	25.09%	0.570%
409	26.577	26.566	26.592	HH	30777	474631	7.57%	0.172%
410	26.602	26.592	26.625	HH	30633	605397	9.66%	0.219%
411	26.716	26.625	26.840	HH	31317	3978060	63.47%	1.442%
412	26.854	26.840	26.866	HH	30591	469298	7.49%	0.170%
413	26.873	26.866	26.879	HH	30431	228136	3.64%	0.083%
414	26.978	26.879	27.015	HH	30850	2505814	39.98%	0.908%
415	27.026	27.015	27.064	HH	30829	899516	14.35%	0.326%
416	27.077	27.064	27.091	HH	30665	496987	7.93%	0.180%
417	27.102	27.091	27.110	HH	30662	345840	5.52%	0.125%
418	27.174	27.110	27.203	HH	31097	1723431	27.50%	0.625%
419	27.210	27.203	27.272	HH	31031	1288054	20.55%	0.467%
420	27.281	27.272	27.299	HH	30774	486552	7.76%	0.176%
421	27.404	27.299	27.639	HH	32156	6267266	100.00%	2.272%
422	27.649	27.639	27.715	HH	29623	1346368	21.48%	0.488%
423	27.730	27.715	27.756	HH	29487	719673	11.48%	0.261%
424	27.783	27.756	27.801	HH	29553	805141	12.85%	0.292%
425	27.810	27.801	27.818	HHA	29628	282034	4.50%	0.102%

Sum of corrected areas: 275887104

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