

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102618\
 Data File : FF002488.D
 Signal(s) : FID2B.ch
 Acq On : 26 Oct 2018 17:53
 Sample : J5654-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF101218.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.281	2.252	2.344	BH	189289	1359867	7.93%	0.170%
2	2.349	2.344	2.381	PH	-418	-11646	-0.07%	-0.001%
3	2.409	2.381	2.424	PH	-379	-13124	-0.08%	-0.002%
4	2.436	2.424	2.471	PH	1641	7728	0.05%	0.001%
5	2.475	2.471	2.487	PH	-442	-4876	-0.03%	-0.001%
6	2.506	2.487	2.533	PH	885	-2235	-0.01%	-0.000%
7	2.552	2.533	2.590	PH	3222	21263	0.12%	0.003%
8	2.610	2.590	2.625	PH	267	-2129	-0.01%	-0.000%
9	2.638	2.625	2.665	PH	146	-4112	-0.02%	-0.001%
10	2.690	2.665	2.695	PH	-222	-5407	-0.03%	-0.001%
11	2.699	2.695	2.714	PH	-227	-4464	-0.03%	-0.001%
12	2.738	2.714	2.755	PH	4852	30833	0.18%	0.004%
13	2.760	2.755	2.777	PH	-93	-3966	-0.02%	-0.000%
14	2.782	2.777	2.805	PH	-497	-8852	-0.05%	-0.001%
15	2.828	2.805	2.864	PH	13755	137187	0.80%	0.017%
16	2.891	2.864	2.905	PH	160	-2958	-0.02%	-0.000%
17	2.933	2.905	2.973	PH	974	10936	0.06%	0.001%
18	3.007	2.973	3.029	PH	16845	130663	0.76%	0.016%
19	3.054	3.029	3.073	PH	13859	110365	0.64%	0.014%
20	3.086	3.073	3.107	PH	664	3945	0.02%	0.000%
21	3.126	3.107	3.143	PH	190	-1680	-0.01%	-0.000%
22	3.159	3.143	3.166	PH	-113	-2923	-0.02%	-0.000%
23	3.178	3.166	3.203	PH	3285	24298	0.14%	0.003%
24	3.218	3.203	3.234	PH	3685	27518	0.16%	0.003%
25	3.243	3.234	3.287	HH	579	-1486	-0.01%	-0.000%
26	3.307	3.287	3.337	PH	3363	22149	0.13%	0.003%
27	3.346	3.337	3.372	PH	-51	-5735	-0.03%	-0.001%
28	3.385	3.372	3.391	PH	-167	-3476	-0.02%	-0.000%
29	3.406	3.391	3.420	PH	1012	5779	0.03%	0.001%
30	3.432	3.420	3.445	HH	251	1499	0.01%	0.000%
31	3.454	3.445	3.469	PH	178	1046	0.01%	0.000%
32	3.487	3.469	3.525	PH	334	1613	0.01%	0.000%
33	3.529	3.525	3.545	PH	-237	-3650	-0.02%	-0.000%
34	3.551	3.545	3.560	PH	-235	-2329	-0.01%	-0.000%
35	3.608	3.560	3.625	PH	7882	102815	0.60%	0.013%
36	3.631	3.625	3.662	HH	3641	34362	0.20%	0.004%

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37	3.682	3.662	3.700	HH	1438	16043	0.09%	0.002%
38	3.717	3.700	3.732	HH	3660	31174	0.18%	0.004%
39	3.738	3.732	3.766	HH	524	5353	0.03%	0.001%
40	3.774	3.766	3.782	PH	-74	-1218	-0.01%	-0.000%
41	3.802	3.782	3.814	PH	15520	131521	0.77%	0.016%
42	3.822	3.814	3.840	HH	6660	52008	0.30%	0.007%
43	3.856	3.840	3.868	PH	244	577	0.00%	0.000%
44	3.887	3.868	3.941	PH	8965	74453	0.43%	0.009%
45	3.963	3.941	3.999	PH	132103	1108133	6.46%	0.139%
46	4.008	3.999	4.020	HH	1849	19650	0.11%	0.002%
47	4.027	4.020	4.049	HH	1221	13705	0.08%	0.002%
48	4.075	4.049	4.102	HH	1703	17963	0.10%	0.002%
49	4.142	4.102	4.165	PH	28846	262341	1.53%	0.033%
50	4.170	4.165	4.194	HH	1156	14114	0.08%	0.002%
51	4.204	4.194	4.220	HH	976	9861	0.06%	0.001%
52	4.237	4.220	4.267	HH	3230	25095	0.15%	0.003%
53	4.304	4.267	4.321	PH	1748	18140	0.11%	0.002%
54	4.336	4.321	4.353	HH	1095	15658	0.09%	0.002%
55	4.381	4.353	4.405	HH	282805	2547806	14.85%	0.319%
56	4.423	4.405	4.439	HH	8259	80464	0.47%	0.010%
57	4.453	4.439	4.462	HH	1869	18205	0.11%	0.002%
58	4.482	4.462	4.507	HH	1842	32540	0.19%	0.004%
59	4.526	4.507	4.564	HH	10827	112839	0.66%	0.014%
60	4.585	4.564	4.606	HH	2275	35133	0.20%	0.004%
61	4.614	4.606	4.624	HH	1277	11839	0.07%	0.001%
62	4.635	4.624	4.651	HH	1619	15363	0.09%	0.002%
63	4.668	4.651	4.682	HH	1391	14814	0.09%	0.002%
64	4.691	4.682	4.696	HH	720	4792	0.03%	0.001%
65	4.711	4.696	4.722	HH	2669	25922	0.15%	0.003%
66	4.734	4.722	4.745	HH	2366	22705	0.13%	0.003%
67	4.760	4.745	4.778	HH	4738	47007	0.27%	0.006%
68	4.798	4.778	4.818	HH	3582	42442	0.25%	0.005%
69	4.834	4.818	4.868	HH	4831	54140	0.32%	0.007%
70	4.879	4.868	4.895	HH	416	4088	0.02%	0.001%
71	4.918	4.895	4.957	HH	2362	45981	0.27%	0.006%
72	4.971	4.957	4.983	HH	1639	15798	0.09%	0.002%
73	4.992	4.983	5.005	HH	1001	8941	0.05%	0.001%
74	5.023	5.005	5.052	HH	4675	74158	0.43%	0.009%
75	5.074	5.052	5.085	HH	2828	36739	0.21%	0.005%
76	5.100	5.085	5.117	HH	8469	81482	0.48%	0.010%
77	5.123	5.117	5.141	HH	1719	15122	0.09%	0.002%
78	5.153	5.141	5.168	HH	597	4354	0.03%	0.001%
79	5.187	5.168	5.202	PH	742	7615	0.04%	0.001%
80	5.236	5.202	5.264	HH	3337	47859	0.28%	0.006%
81	5.293	5.264	5.306	HH	1807	24066	0.14%	0.003%
82	5.311	5.306	5.328	HH	1186	9637	0.06%	0.001%
83	5.370	5.328	5.393	HH	915	14519	0.08%	0.002%
84	5.421	5.393	5.438	PH	10965	106991	0.62%	0.013%
85	5.454	5.438	5.504	HH	5628	69174	0.40%	0.009%
86	5.521	5.504	5.541	HH	536	7708	0.04%	0.001%
87	5.553	5.541	5.567	HH	283	2931	0.02%	0.000%
88	5.582	5.567	5.590	HH	833	7892	0.05%	0.001%
89	5.607	5.590	5.624	HH	4214	47239	0.28%	0.006%

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90	5.633	5.624	5.658	HH	1406	24795	0.14%	0.003%
91	5.671	5.658	5.684	HH	1351	17393	0.10%	0.002%
92	5.703	5.684	5.739	HH	4984	81581	0.48%	0.010%
93	5.756	5.739	5.777	HH	2365	29612	0.17%	0.004%
94	5.793	5.777	5.809	HH	2339	26419	0.15%	0.003%
95	5.831	5.809	5.841	HH	1296	21310	0.12%	0.003%
96	5.850	5.841	5.861	HH	1534	15624	0.09%	0.002%
97	5.875	5.861	5.897	HH	2071	25600	0.15%	0.003%
98	5.926	5.897	5.946	HH	2287	41024	0.24%	0.005%
99	5.969	5.946	5.993	HH	68671	650941	3.79%	0.081%
100	6.018	5.993	6.045	HH	4039	72043	0.42%	0.009%
101	6.064	6.045	6.086	HH	2380	36815	0.21%	0.005%
102	6.108	6.086	6.114	HH	5493	57043	0.33%	0.007%
103	6.119	6.114	6.138	HH	5509	58751	0.34%	0.007%
104	6.146	6.138	6.172	HH	2070	32322	0.19%	0.004%
105	6.187	6.172	6.202	HH	1880	29014	0.17%	0.004%
106	6.211	6.202	6.220	HH	2460	22577	0.13%	0.003%
107	6.245	6.220	6.260	HH	3620	65455	0.38%	0.008%
108	6.269	6.260	6.275	HH	2256	19167	0.11%	0.002%
109	6.285	6.275	6.302	HH	2192	30766	0.18%	0.004%
110	6.327	6.302	6.372	HH	2224	69262	0.40%	0.009%
111	6.404	6.372	6.454	HH	281894	2838478	16.55%	0.355%
112	6.459	6.454	6.464	HH	959	5839	0.03%	0.001%
113	6.494	6.464	6.501	HH	1524	27155	0.16%	0.003%
114	6.520	6.501	6.537	HH	6437	78175	0.46%	0.010%
115	6.552	6.537	6.572	HH	5184	65765	0.38%	0.008%
116	6.595	6.572	6.616	HH	3365	61864	0.36%	0.008%
117	6.624	6.616	6.636	HH	1630	17346	0.10%	0.002%
118	6.651	6.636	6.662	HH	1697	23351	0.14%	0.003%
119	6.681	6.662	6.700	HH	3450	52562	0.31%	0.007%
120	6.724	6.700	6.752	HH	2678	66562	0.39%	0.008%
121	6.760	6.752	6.769	HH	1545	14896	0.09%	0.002%
122	6.803	6.769	6.826	HH	4435	81967	0.48%	0.010%
123	6.841	6.826	6.853	HH	1786	26740	0.16%	0.003%
124	6.872	6.853	6.885	HH	3574	50083	0.29%	0.006%
125	6.902	6.885	6.912	HH	3833	51489	0.30%	0.006%
126	6.924	6.912	6.944	HH	3773	58938	0.34%	0.007%
127	6.962	6.944	6.989	HH	5020	84841	0.49%	0.011%
128	7.025	6.989	7.049	HH	31725	375896	2.19%	0.047%
129	7.068	7.049	7.088	HH	4475	82296	0.48%	0.010%
130	7.106	7.088	7.140	HH	7537	130856	0.76%	0.016%
131	7.160	7.140	7.183	HH	19935	227849	1.33%	0.029%
132	7.204	7.183	7.222	HH	3606	71254	0.42%	0.009%
133	7.231	7.222	7.243	HH	2675	32433	0.19%	0.004%
134	7.251	7.243	7.267	HH	2501	33753	0.20%	0.004%
135	7.326	7.267	7.355	HH	13989	275796	1.61%	0.035%
136	7.381	7.355	7.389	HH	3246	59015	0.34%	0.007%
137	7.401	7.389	7.431	HH	3171	73169	0.43%	0.009%
138	7.462	7.431	7.478	HH	3788	92294	0.54%	0.012%
139	7.500	7.478	7.534	HH	6439	142174	0.83%	0.018%
140	7.553	7.534	7.572	HH	3383	64619	0.38%	0.008%
141	7.591	7.572	7.595	HH	2802	34357	0.20%	0.004%

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142	7.618	7.595	7.629	HH	3845	68741	0.40%	0.009%
143	7.658	7.629	7.679	HH	4501	119368	0.70%	0.015%
144	7.694	7.679	7.699	HH	3539	39507	0.23%	0.005%
145	7.711	7.699	7.719	HH	3575	42523	0.25%	0.005%
146	7.748	7.719	7.771	HH	14574	252366	1.47%	0.032%
147	7.779	7.771	7.793	HH	5499	68143	0.40%	0.009%
148	7.804	7.793	7.824	HH	4991	82483	0.48%	0.010%
149	7.847	7.824	7.867	HH	5437	105650	0.62%	0.013%
150	7.904	7.867	7.920	HH	9431	200626	1.17%	0.025%
151	7.936	7.920	7.970	HH	7734	190518	1.11%	0.024%
152	7.974	7.970	7.982	HH	4165	31027	0.18%	0.004%
153	8.018	7.982	8.056	HH	18583	409417	2.39%	0.051%
154	8.080	8.056	8.096	HH	6358	134911	0.79%	0.017%
155	8.122	8.096	8.136	HH	20206	286514	1.67%	0.036%
156	8.149	8.136	8.169	HH	14767	200757	1.17%	0.025%
157	8.198	8.169	8.225	HH	280514	3046845	17.76%	0.381%
158	8.254	8.225	8.276	HH	90078	1021767	5.96%	0.128%
159	8.304	8.276	8.333	HH	18047	387651	2.26%	0.049%
160	8.360	8.333	8.377	HH	10749	204904	1.19%	0.026%
161	8.395	8.377	8.409	HH	9096	150970	0.88%	0.019%
162	8.419	8.409	8.434	HH	7539	102531	0.60%	0.013%
163	8.445	8.434	8.471	HH	6710	131458	0.77%	0.016%
164	8.489	8.471	8.514	HH	6684	142885	0.83%	0.018%
165	8.525	8.514	8.530	HH	5335	50965	0.30%	0.006%
166	8.552	8.530	8.576	HH	9663	203838	1.19%	0.026%
167	8.601	8.576	8.629	HH	43278	595779	3.47%	0.075%
168	8.649	8.629	8.680	HH	13838	330454	1.93%	0.041%
169	8.696	8.680	8.702	HH	8188	103312	0.60%	0.013%
170	8.734	8.702	8.757	HH	18255	388902	2.27%	0.049%
171	8.764	8.757	8.773	HH	7282	68270	0.40%	0.009%
172	8.788	8.773	8.802	HH	8047	126852	0.74%	0.016%
173	8.841	8.802	8.855	HH	14362	312070	1.82%	0.039%
174	8.873	8.855	8.898	HH	39981	512979	2.99%	0.064%
175	8.916	8.898	8.930	HH	10331	170353	0.99%	0.021%
176	8.938	8.930	8.952	HH	9058	116842	0.68%	0.015%
177	8.964	8.952	8.982	HH	9817	156315	0.91%	0.020%
178	9.018	8.982	9.037	HH	28819	521478	3.04%	0.065%
179	9.051	9.037	9.085	HH	14771	288880	1.68%	0.036%
180	9.108	9.085	9.131	HH	8598	202517	1.18%	0.025%
181	9.167	9.131	9.184	HH	13996	295473	1.72%	0.037%
182	9.200	9.184	9.235	HH	12480	276886	1.61%	0.035%
183	9.249	9.235	9.264	HH	9607	146118	0.85%	0.018%
184	9.282	9.264	9.287	HH	9060	118753	0.69%	0.015%
185	9.303	9.287	9.324	HH	14829	249289	1.45%	0.031%
186	9.344	9.324	9.362	HH	10572	205623	1.20%	0.026%
187	9.385	9.362	9.430	HH	36148	688667	4.01%	0.086%
188	9.432	9.430	9.442	HH	9271	64017	0.37%	0.008%
189	9.466	9.442	9.496	HH	17265	412352	2.40%	0.052%
190	9.507	9.496	9.516	HH	11789	133201	0.78%	0.017%
191	9.536	9.516	9.554	HH	18230	327144	1.91%	0.041%
192	9.567	9.554	9.575	HH	11590	143518	0.84%	0.018%
193	9.595	9.575	9.612	HH	14494	271959	1.59%	0.034%
194	9.626	9.612	9.655	HH	11113	260279	1.52%	0.033%

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195	9.668	9.655	9.686	HH	10099	170968	1.00%	0.021%
196	9.708	9.686	9.740	HH	21681	455935	2.66%	0.057%
197	9.756	9.740	9.771	HH	12347	217252	1.27%	0.027%
198	9.801	9.771	9.849	HH	277420	3535266	20.61%	0.442%
199	9.871	9.849	9.890	HH	12811	267338	1.56%	0.033%
200	9.906	9.890	9.930	HH	11132	232668	1.36%	0.029%
201	9.970	9.930	10.000	HH	12827	422996	2.47%	0.053%
202	10.010	10.000	10.023	HH	9178	125026	0.73%	0.016%
203	10.044	10.023	10.057	HH	10175	192340	1.12%	0.024%
204	10.074	10.057	10.088	HH	10028	172244	1.00%	0.022%
205	10.105	10.088	10.110	HH	9300	119295	0.70%	0.015%
206	10.133	10.110	10.161	HH	16299	383609	2.24%	0.048%
207	10.187	10.161	10.212	HH	23187	494981	2.89%	0.062%
208	10.240	10.212	10.254	HH	17870	369713	2.16%	0.046%
209	10.270	10.254	10.294	HH	20306	392928	2.29%	0.049%
210	10.310	10.294	10.364	HH	16985	568306	3.31%	0.071%
211	10.384	10.364	10.417	HH	20324	486269	2.83%	0.061%
212	10.437	10.417	10.459	HH	40662	624961	3.64%	0.078%
213	10.468	10.459	10.501	HH	16398	370020	2.16%	0.046%
214	10.538	10.501	10.567	HH	34769	883362	5.15%	0.111%
215	10.592	10.567	10.648	HH	33146	1219194	7.11%	0.153%
216	10.658	10.648	10.674	HH	19394	268988	1.57%	0.034%
217	10.691	10.674	10.738	HH	19876	602638	3.51%	0.075%
218	10.757	10.738	10.766	HH	21319	288713	1.68%	0.036%
219	10.792	10.766	10.835	HH	337431	4115560	23.99%	0.515%
220	10.864	10.835	10.906	HH	90210	1532957	8.94%	0.192%
221	10.931	10.906	10.948	HH	16636	385990	2.25%	0.048%
222	10.964	10.948	10.983	HH	18774	344092	2.01%	0.043%
223	10.995	10.983	11.012	HH	15293	244391	1.42%	0.031%
224	11.033	11.012	11.056	HH	18407	429076	2.50%	0.054%
225	11.076	11.056	11.121	HH	38909	820212	4.78%	0.103%
226	11.151	11.121	11.163	HH	15084	352842	2.06%	0.044%
227	11.184	11.163	11.204	HH	17036	388045	2.26%	0.049%
228	11.244	11.204	11.272	HH	257218	3448309	20.10%	0.432%
229	11.331	11.272	11.369	HH	30507	1222765	7.13%	0.153%
230	11.398	11.369	11.420	HH	24978	620468	3.62%	0.078%
231	11.439	11.420	11.464	HH	22753	488322	2.85%	0.061%
232	11.483	11.464	11.523	HH	22706	662792	3.86%	0.083%
233	11.543	11.523	11.567	HH	19302	469804	2.74%	0.059%
234	11.594	11.567	11.609	HH	52010	805448	4.70%	0.101%
235	11.624	11.609	11.647	HH	66323	936154	5.46%	0.117%
236	11.656	11.647	11.669	HH	20922	265960	1.55%	0.033%
237	11.691	11.669	11.698	HH	36072	486210	2.83%	0.061%
238	11.709	11.698	11.725	HH	42282	565485	3.30%	0.071%
239	11.742	11.725	11.756	HH	38981	576832	3.36%	0.072%
240	11.773	11.756	11.802	HH	48947	860365	5.02%	0.108%
241	11.816	11.802	11.828	HH	18332	274905	1.60%	0.034%
242	11.852	11.828	11.873	HH	21505	511925	2.98%	0.064%
243	11.912	11.873	11.931	HH	35409	862148	5.03%	0.108%
244	11.949	11.931	11.972	HH	44325	741429	4.32%	0.093%
245	11.988	11.972	12.014	HH	21365	515675	3.01%	0.065%
246	12.023	12.014	12.037	HH	19308	256378	1.49%	0.032%

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247	12.065	12.037	12.090	HH	43017	871520	5.08%	0.109%
248	12.102	12.090	12.107	HH	20438	208578	1.22%	0.026%
249	12.124	12.107	12.141	HH	21278	417287	2.43%	0.052%
250	12.161	12.141	12.191	HH	51693	908633	5.30%	0.114%
251	12.213	12.191	12.235	HH	24460	587694	3.43%	0.074%
252	12.248	12.235	12.255	HH	20364	242077	1.41%	0.030%
253	12.272	12.255	12.282	HH	21233	325465	1.90%	0.041%
254	12.315	12.282	12.364	HH	26460	1145369	6.68%	0.143%
255	12.385	12.364	12.423	HH	30905	916921	5.35%	0.115%
256	12.444	12.423	12.471	HH	41204	837767	4.88%	0.105%
257	12.496	12.471	12.516	HH	45181	904058	5.27%	0.113%
258	12.556	12.516	12.587	HH	255270	3887157	22.66%	0.486%
259	12.615	12.587	12.653	HH	340288	4447701	25.93%	0.557%
260	12.672	12.653	12.692	HH	25534	550170	3.21%	0.069%
261	12.708	12.692	12.720	HH	23961	394557	2.30%	0.049%
262	12.745	12.720	12.758	HH	29233	594520	3.47%	0.074%
263	12.775	12.758	12.785	HH	33194	502661	2.93%	0.063%
264	12.800	12.785	12.810	HH	35295	493492	2.88%	0.062%
265	12.817	12.810	12.869	HH	35049	1034200	6.03%	0.129%
266	12.879	12.869	12.883	HH	25877	227058	1.32%	0.028%
267	12.913	12.883	12.936	HH	285353	3687900	21.50%	0.462%
268	12.967	12.936	12.981	HH	51405	1048264	6.11%	0.131%
269	12.998	12.981	13.031	HH	57158	1122372	6.54%	0.140%
270	13.050	13.031	13.065	HH	29801	583354	3.40%	0.073%
271	13.084	13.065	13.094	HH	37653	580813	3.39%	0.073%
272	13.106	13.094	13.133	HH	40269	802668	4.68%	0.100%
273	13.176	13.133	13.200	HH	53695	1466133	8.55%	0.183%
274	13.213	13.200	13.229	HH	33389	550612	3.21%	0.069%
275	13.248	13.229	13.269	HH	36433	800536	4.67%	0.100%
276	13.285	13.269	13.290	HH	32571	392509	2.29%	0.049%
277	13.308	13.290	13.327	HH	42668	785535	4.58%	0.098%
278	13.340	13.327	13.347	HH	32511	387663	2.26%	0.049%
279	13.371	13.347	13.447	HH	48923	2121676	12.37%	0.266%
280	13.501	13.447	13.535	HH	60235	2153065	12.55%	0.269%
281	13.568	13.535	13.587	HH	35737	1061956	6.19%	0.133%
282	13.610	13.587	13.629	HH	47819	1034894	6.03%	0.130%
283	13.648	13.629	13.669	HH	55251	1059382	6.18%	0.133%
284	13.689	13.669	13.716	HH	40516	1058150	6.17%	0.132%
285	13.757	13.716	13.797	HH	244686	4609809	26.87%	0.577%
286	13.818	13.797	13.863	HH	53290	1647288	9.60%	0.206%
287	13.892	13.863	13.916	HH	39556	1190374	6.94%	0.149%
288	13.959	13.916	13.975	HH	43732	1381299	8.05%	0.173%
289	13.986	13.975	14.016	HH	41123	960351	5.60%	0.120%
290	14.030	14.016	14.069	HH	39233	1209516	7.05%	0.151%
291	14.087	14.069	14.104	HH	38385	780602	4.55%	0.098%
292	14.144	14.104	14.162	HH	46211	1413805	8.24%	0.177%
293	14.186	14.162	14.203	HH	45403	1078624	6.29%	0.135%
294	14.235	14.203	14.267	HH	72703	2012441	11.73%	0.252%
295	14.285	14.267	14.300	HH	42882	821907	4.79%	0.103%
296	14.321	14.300	14.360	HH	53138	1656949	9.66%	0.207%
297	14.415	14.360	14.438	HH	61125	2346438	13.68%	0.294%
298	14.442	14.438	14.459	HH	48414	594756	3.47%	0.074%
299	14.480	14.459	14.502	HH	77618	1559833	9.09%	0.195%

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300	14.539	14.502	14.572	HH	71586	2294779	13.38%	0.287%
301	14.606	14.572	14.625	HH	49191	1501362	8.75%	0.188%
302	14.659	14.625	14.702	HH	236141	4797462	27.97%	0.600%
303	14.706	14.702	14.725	HH	46839	653084	3.81%	0.082%
304	14.745	14.725	14.763	HH	56053	1152674	6.72%	0.144%
305	14.794	14.763	14.814	HH	179763	3047507	17.77%	0.381%
306	14.836	14.814	14.848	HH	172207	2422990	14.12%	0.303%
307	14.863	14.848	14.914	HH	233703	4363957	25.44%	0.546%
308	14.955	14.914	14.980	HH	68504	2268584	13.22%	0.284%
309	14.994	14.980	15.014	HH	54111	1080792	6.30%	0.135%
310	15.032	15.014	15.070	HH	59116	1774994	10.35%	0.222%
311	15.094	15.070	15.119	HH	63428	1685117	9.82%	0.211%
312	15.143	15.119	15.170	HH	61512	1781315	10.38%	0.223%
313	15.175	15.170	15.194	HH	54340	752118	4.38%	0.094%
314	15.198	15.194	15.205	HH	53646	358504	2.09%	0.045%
315	15.239	15.205	15.300	HH	133395	4228507	24.65%	0.529%
316	15.307	15.300	15.321	HH	56610	704425	4.11%	0.088%
317	15.337	15.321	15.347	HH	55676	853536	4.98%	0.107%
318	15.400	15.347	15.422	HH	77792	2967118	17.30%	0.371%
319	15.427	15.422	15.447	HH	64852	963673	5.62%	0.121%
320	15.469	15.447	15.489	HH	87355	1864825	10.87%	0.233%
321	15.509	15.489	15.535	HH	70852	1750451	10.20%	0.219%
322	15.633	15.535	15.664	HH	74191	5072426	29.57%	0.635%
323	15.709	15.664	15.735	HH	69783	2777717	16.19%	0.348%
324	15.759	15.735	15.777	HH	68504	1640374	9.56%	0.205%
325	15.795	15.777	15.804	HH	70501	1119032	6.52%	0.140%
326	15.825	15.804	15.844	HH	72570	1677735	9.78%	0.210%
327	15.888	15.844	15.930	HH	244846	5887204	34.32%	0.737%
328	15.947	15.930	15.965	HH	71196	1487664	8.67%	0.186%
329	15.978	15.965	15.984	HH	68888	759048	4.42%	0.095%
330	16.010	15.984	16.029	HH	70290	1854455	10.81%	0.232%
331	16.082	16.029	16.100	HH	82767	3209039	18.71%	0.402%
332	16.106	16.100	16.120	HH	76259	896957	5.23%	0.112%
333	16.140	16.120	16.155	HH	79616	1568717	9.14%	0.196%
334	16.187	16.155	16.205	HH	82458	2414915	14.08%	0.302%
335	16.216	16.205	16.229	HH	80319	1129864	6.59%	0.141%
336	16.258	16.229	16.308	HH	107233	4208030	24.53%	0.527%
337	16.360	16.308	16.410	HH	199612	7290322	42.50%	0.912%
338	16.458	16.410	16.466	HH	86822	2792331	16.28%	0.349%
339	16.493	16.466	16.520	HH	114948	3214082	18.74%	0.402%
340	16.538	16.520	16.558	HH	92567	2038530	11.88%	0.255%
341	16.578	16.558	16.586	HH	90788	1535508	8.95%	0.192%
342	16.617	16.586	16.629	HH	96518	2386610	13.91%	0.299%
343	16.681	16.629	16.703	HH	158227	5172960	30.16%	0.647%
344	16.737	16.703	16.779	HH	190825	5426760	31.64%	0.679%
345	16.840	16.779	16.870	HH	295998	8093947	47.18%	1.013%
346	16.889	16.870	16.907	HH	119466	2472194	14.41%	0.309%
347	16.916	16.907	16.941	HH	106492	2055182	11.98%	0.257%
348	16.976	16.941	16.991	HH	104790	3103684	18.09%	0.388%
349	16.998	16.991	17.020	HH	105234	1800368	10.50%	0.225%
350	17.036	17.020	17.055	HH	104355	2150871	12.54%	0.269%
351	17.082	17.055	17.095	HH	109266	2566042	14.96%	0.321%

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352	17.101	17.095	17.137	HH	110887	2668747	15.56%	0.334%
353	17.162	17.137	17.180	HH	110990	2879409	16.79%	0.360%
354	17.201	17.180	17.226	HH	141223	3436228	20.03%	0.430%
355	17.239	17.226	17.249	HH	116301	1535749	8.95%	0.192%
356	17.267	17.249	17.273	HH	119852	1722876	10.04%	0.216%
357	17.292	17.273	17.310	HH	140919	2856947	16.65%	0.358%
358	17.326	17.310	17.346	HH	119188	2471727	14.41%	0.309%
359	17.358	17.346	17.363	HH	113051	1125791	6.56%	0.141%
360	17.373	17.363	17.378	HH	113391	1032444	6.02%	0.129%
361	17.404	17.378	17.447	HH	121888	4782919	27.88%	0.599%
362	17.460	17.447	17.478	HH	117277	2126288	12.40%	0.266%
363	17.518	17.478	17.540	HH	115216	4238773	24.71%	0.530%
364	17.544	17.540	17.549	HH	113023	565219	3.29%	0.071%
365	17.569	17.549	17.580	HH	117620	2135383	12.45%	0.267%
366	17.583	17.580	17.596	HH	116388	1165595	6.79%	0.146%
367	17.654	17.596	17.661	HH	123844	4658155	27.16%	0.583%
368	17.669	17.661	17.674	HH	122098	921524	5.37%	0.115%
369	17.678	17.674	17.690	HH	121466	1192108	6.95%	0.149%
370	17.732	17.690	17.769	HH	313611	8364605	48.76%	1.047%
371	17.794	17.769	17.802	HH	128894	2525569	14.72%	0.316%
372	17.821	17.802	17.847	HH	134567	3520258	20.52%	0.441%
373	17.879	17.847	17.905	HH	160485	5006957	29.19%	0.627%
374	17.935	17.905	17.990	HH	224969	8351587	48.69%	1.045%
375	18.022	17.990	18.036	HH	147541	3833495	22.35%	0.480%
376	18.051	18.036	18.058	HH	144334	1845851	10.76%	0.231%
377	18.086	18.058	18.104	HH	247527	5435853	31.69%	0.680%
378	18.111	18.104	18.133	HH	203282	3257871	18.99%	0.408%
379	18.154	18.133	18.184	HH	189922	4988714	29.08%	0.624%
380	18.200	18.184	18.215	HH	143197	2666242	15.54%	0.334%
381	18.248	18.215	18.265	HH	180391	4731010	27.58%	0.592%
382	18.278	18.265	18.330	HH	167472	5905845	34.43%	0.739%
383	18.369	18.330	18.389	HH	203190	5753081	33.54%	0.720%
384	18.400	18.389	18.422	HH	155303	3070910	17.90%	0.384%
385	18.454	18.422	18.474	HH	153622	4695027	27.37%	0.588%
386	18.500	18.474	18.520	HH	161995	4300817	25.07%	0.538%
387	18.566	18.520	18.614	HH	321099	11476074	66.90%	1.436%
388	18.629	18.614	18.638	HH	154001	2219139	12.94%	0.278%
389	18.674	18.638	18.695	HH	189481	5885495	34.31%	0.737%
390	18.719	18.695	18.748	HH	176705	5278296	30.77%	0.661%
391	18.773	18.748	18.811	HH	197294	6710399	39.12%	0.840%
392	18.816	18.811	18.824	HH	165826	1294331	7.55%	0.162%
393	18.846	18.824	18.867	HH	169682	4256168	24.81%	0.533%
394	18.887	18.867	18.892	HH	174115	2520335	14.69%	0.315%
395	18.918	18.892	18.947	HH	259690	7066819	41.20%	0.884%
396	18.966	18.947	18.997	HH	207820	5732007	33.42%	0.717%
397	19.006	18.997	19.024	HH	181523	2879900	16.79%	0.360%
398	19.046	19.024	19.072	HH	185330	5166042	30.12%	0.646%
399	19.095	19.072	19.117	HH	184774	4936587	28.78%	0.618%
400	19.128	19.117	19.134	HH	176336	1744129	10.17%	0.218%
401	19.158	19.134	19.163	HH	181382	3091556	18.02%	0.387%
402	19.167	19.163	19.173	HH	178805	1037831	6.05%	0.130%
403	19.200	19.173	19.232	HH	197273	6676518	38.92%	0.836%
404	19.236	19.232	19.243	HH	183140	1242019	7.24%	0.155%

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405	19.251	19.243	19.285	HH	185576	4545536	26.50%	0.569%
406	19.305	19.285	19.314	HH	181851	3074278	17.92%	0.385%
407	19.353	19.314	19.402	HH	328702	12088270	70.47%	1.513%
408	19.413	19.402	19.428	HH	200273	3110273	18.13%	0.389%
409	19.467	19.428	19.495	HH	205804	8003181	46.66%	1.002%
410	19.530	19.495	19.554	HH	222776	7254663	42.29%	0.908%
411	19.564	19.554	19.571	HH	202148	2007914	11.71%	0.251%
412	19.599	19.571	19.604	HH	218827	4197052	24.47%	0.525%
413	19.611	19.604	19.625	HH	216735	2693325	15.70%	0.337%
414	19.644	19.625	19.673	HH	212025	5933571	34.59%	0.743%
415	19.704	19.673	19.721	HH	236614	6364794	37.10%	0.797%
416	19.727	19.721	19.750	HH	223283	3758507	21.91%	0.470%
417	19.755	19.750	19.759	HH	209494	1204344	7.02%	0.151%
418	19.782	19.759	19.799	HH	213569	4928863	28.73%	0.617%
419	19.817	19.799	19.831	HH	209898	3920699	22.86%	0.491%
420	19.843	19.831	19.854	HH	204657	2852848	16.63%	0.357%
421	19.914	19.854	19.935	HH	236010	10606138	61.83%	1.327%
422	19.979	19.935	19.992	HH	229176	7658046	44.64%	0.958%
423	20.010	19.992	20.029	HH	233994	4985771	29.06%	0.624%
424	20.038	20.029	20.067	HH	225483	5129699	29.90%	0.642%
425	20.096	20.067	20.124	HH	350394	9319432	54.33%	1.166%
426	20.133	20.124	20.148	HH	229796	3288823	19.17%	0.412%
427	20.164	20.148	20.169	HH	232062	2903199	16.92%	0.363%
428	20.176	20.169	20.197	HH	232571	3834116	22.35%	0.480%
429	20.200	20.197	20.205	HH	225074	1128774	6.58%	0.141%
430	20.252	20.205	20.268	HH	238825	8661590	50.49%	1.084%
431	20.275	20.268	20.291	HH	237089	3275946	19.10%	0.410%
432	20.312	20.291	20.327	HH	239408	5122371	29.86%	0.641%
433	20.339	20.327	20.364	HH	234807	5033090	29.34%	0.630%
434	20.372	20.364	20.377	HH	230346	1869262	10.90%	0.234%
435	20.381	20.377	20.387	HH	231305	1324434	7.72%	0.166%
436	20.392	20.387	20.397	HH	233339	1427383	8.32%	0.179%
437	20.403	20.397	20.412	HH	234669	2146517	12.51%	0.269%
438	20.453	20.412	20.490	HH	245121	11036894	64.34%	1.381%
439	20.496	20.490	20.500	HH	243075	1564039	9.12%	0.196%
440	20.508	20.500	20.517	HH	243019	2412377	14.06%	0.302%
441	20.528	20.517	20.534	HH	240386	2391554	13.94%	0.299%
442	20.537	20.534	20.562	HH	238366	3994861	23.29%	0.500%
443	20.569	20.562	20.609	HH	238609	6633127	38.67%	0.830%
444	20.615	20.609	20.639	HH	228598	3986538	23.24%	0.499%
445	20.654	20.639	20.661	HH	220712	2889601	16.85%	0.362%
446	20.697	20.661	20.713	HH	227750	7045141	41.07%	0.882%
447	20.719	20.713	20.732	HH	225892	2463385	14.36%	0.308%
448	20.743	20.732	20.755	HH	230423	3182715	18.55%	0.398%
449	20.770	20.755	20.777	HH	230572	3057182	17.82%	0.383%
450	20.784	20.777	20.789	HH	229986	1615547	9.42%	0.202%
451	20.793	20.789	20.800	HH	229242	1468528	8.56%	0.184%
452	20.844	20.800	20.918	HH	317472	17153949	100.00%	2.147%
453	20.933	20.918	20.944	HH	205086	3130768	18.25%	0.392%
454	20.950	20.944	20.953	HH	203083	1077313	6.28%	0.135%
455	20.963	20.953	20.968	HH	205239	1866941	10.88%	0.234%
456	20.983	20.968	20.989	HH	205539	2529557	14.75%	0.317%

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457	21.011	20.989	21.015	HH	214141	3360086	19.59%	0.420%
458	21.046	21.015	21.057	HH	217366	5368978	31.30%	0.672%
459	21.063	21.057	21.069	HH	218358	1518526	8.85%	0.190%
460	21.081	21.069	21.085	HH	219521	2182107	12.72%	0.273%
461	21.096	21.085	21.113	HH	220588	3567874	20.80%	0.446%
462	21.133	21.113	21.151	HH	224466	5150643	30.03%	0.645%
463	21.158	21.151	21.164	HH	221671	1637725	9.55%	0.205%
464	21.169	21.164	21.208	HH	219883	5733070	33.42%	0.717%
465	21.219	21.208	21.255	HH	215365	5922083	34.52%	0.741%
466	21.281	21.255	21.310	HH	212470	6981049	40.70%	0.874%
467	21.316	21.310	21.319	HH	207000	1058262	6.17%	0.132%
468	21.331	21.319	21.345	HH	209083	3189510	18.59%	0.399%
469	21.369	21.345	21.395	HH	208687	6314655	36.81%	0.790%
470	21.400	21.395	21.423	HH	208886	3410159	19.88%	0.427%
471	21.434	21.423	21.447	HH	207671	3016925	17.59%	0.378%
472	21.468	21.447	21.477	HH	210284	3756758	21.90%	0.470%
473	21.482	21.477	21.496	HH	209568	2255602	13.15%	0.282%
474	21.504	21.496	21.516	HH	206105	2534183	14.77%	0.317%
475	21.524	21.516	21.543	HH	203083	3151518	18.37%	0.394%
476	21.552	21.543	21.556	HH	198004	1614918	9.41%	0.202%
477	21.565	21.556	21.590	HH	199827	3991815	23.27%	0.500%
478	21.608	21.590	21.644	HH	203231	6438197	37.53%	0.806%
479	21.648	21.644	21.654	HH	193900	1156490	6.74%	0.145%
480	21.667	21.654	21.672	HH	194483	2120406	12.36%	0.265%
481	21.687	21.672	21.705	HH	200277	3924670	22.88%	0.491%
482	21.759	21.705	21.810	HH	262753	13912992	81.11%	1.741%
483	21.829	21.810	21.840	HHA	199901	3747680	21.85%	0.469%
Sum of corrected areas:					799086738			

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