

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071421\
 Data File : FE034049.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jul 2021 7:56
 Sample : M3026-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062321.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.394	2.352	2.541	BH	1059009	8000937	47.25%	2.724%
2	2.557	2.541	2.597	PH	-972	-63152	-0.37%	-0.022%
3	2.613	2.597	2.636	PH	-1270	-48782	-0.29%	-0.017%
4	2.655	2.636	2.685	PH	-740	-62699	-0.37%	-0.021%
5	2.689	2.685	2.705	PH	-2976	-37140	-0.22%	-0.013%
6	2.713	2.705	2.723	PH	-3117	-35110	-0.21%	-0.012%
7	2.735	2.723	2.780	PH	-3128	-123150	-0.73%	-0.042%
8	2.791	2.780	2.801	PH	-3779	-46966	-0.28%	-0.016%
9	2.806	2.801	2.822	PH	-3912	-51642	-0.30%	-0.018%
10	2.826	2.822	2.830	PH	-4038	-20282	-0.12%	-0.007%
11	2.841	2.830	2.846	PH	-3897	-37682	-0.22%	-0.013%
12	2.852	2.846	2.860	PH	-4002	-35261	-0.21%	-0.012%
13	2.864	2.860	2.909	PH	-4058	-126378	-0.75%	-0.043%
14	2.928	2.909	2.952	PH	-3858	-109160	-0.64%	-0.037%
15	2.957	2.952	2.979	PH	-4484	-74190	-0.44%	-0.025%
16	2.986	2.979	3.001	PH	-4549	-63022	-0.37%	-0.021%
17	3.022	3.001	3.066	PH	-4450	-184149	-1.09%	-0.063%
18	3.095	3.066	3.130	PH	-4486	-186356	-1.10%	-0.063%
19	3.158	3.130	3.209	PH	-3533	-224176	-1.32%	-0.076%
20	3.214	3.209	3.227	PH	-5149	-57972	-0.34%	-0.020%
21	3.233	3.227	3.252	PH	-5319	-83763	-0.49%	-0.029%
22	3.271	3.252	3.307	PH	-4092	-166482	-0.98%	-0.057%
23	3.312	3.307	3.324	PH	-5396	-55665	-0.33%	-0.019%
24	3.337	3.324	3.366	PH	-5321	-139804	-0.83%	-0.048%
25	3.382	3.366	3.417	PH	-4575	-166770	-0.98%	-0.057%
26	3.421	3.417	3.427	PH	-5860	-33091	-0.20%	-0.011%
27	3.438	3.427	3.455	PH	-5785	-101588	-0.60%	-0.035%
28	3.467	3.455	3.492	PH	-5708	-128922	-0.76%	-0.044%
29	3.501	3.492	3.514	PH	-5825	-76138	-0.45%	-0.026%
30	3.520	3.514	3.554	PH	-5840	-145084	-0.86%	-0.049%
31	3.578	3.554	3.613	PH	-5891	-214227	-1.27%	-0.073%
32	3.621	3.613	3.628	PH	-6138	-56148	-0.33%	-0.019%
33	3.645	3.628	3.652	PH	-5893	-88226	-0.52%	-0.030%
34	3.657	3.652	3.668	PH	-5916	-55965	-0.33%	-0.019%
35	3.672	3.668	3.676	PH	-6029	-31443	-0.19%	-0.011%
36	3.689	3.676	3.730	PH	-5861	-192280	-1.14%	-0.065%

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37	3.748	3.730	3.769	PH	-5641	-138233	-0.82%	-0.047%
38	3.784	3.769	3.804	PH	-5607	-122951	-0.73%	-0.042%
39	3.816	3.804	3.854	PH	-5724	-176099	-1.04%	-0.060%
40	3.870	3.854	3.897	PH	-5160	-144786	-0.85%	-0.049%
41	3.914	3.897	3.931	PH	-5541	-119418	-0.71%	-0.041%
42	3.955	3.931	3.979	PH	-5571	-170151	-1.00%	-0.058%
43	3.982	3.979	3.986	PH	-6020	-27535	-0.16%	-0.009%
44	3.992	3.986	4.007	PH	-6011	-76841	-0.45%	-0.026%
45	4.039	4.007	4.052	PH	-4826	-153778	-0.91%	-0.052%
46	4.066	4.052	4.107	PH	-5059	-182676	-1.08%	-0.062%
47	4.114	4.107	4.118	PH	-5739	-37549	-0.22%	-0.013%
48	4.131	4.118	4.154	PH	-5309	-125085	-0.74%	-0.043%
49	4.170	4.154	4.184	PH	-5893	-106995	-0.63%	-0.036%
50	4.205	4.184	4.249	PH	-4415	-204598	-1.21%	-0.070%
51	4.261	4.249	4.322	PH	-5196	-256527	-1.51%	-0.087%
52	4.325	4.322	4.329	PH	-6247	-26997	-0.16%	-0.009%
53	4.365	4.329	4.403	PH	-5438	-261536	-1.54%	-0.089%
54	4.436	4.403	4.498	PH	1053191	9374634	55.36%	3.192%
55	4.503	4.498	4.532	PH	-5100	-107078	-0.63%	-0.036%
56	4.535	4.532	4.560	PH	-5391	-93444	-0.55%	-0.032%
57	4.579	4.560	4.618	PH	-1765	-162321	-0.96%	-0.055%
58	4.628	4.618	4.649	PH	-5786	-109175	-0.64%	-0.037%
59	4.654	4.649	4.672	PH	-5798	-81801	-0.48%	-0.028%
60	4.681	4.672	4.695	PH	-5933	-83748	-0.49%	-0.029%
61	4.715	4.695	4.733	PH	-5041	-128859	-0.76%	-0.044%
62	4.738	4.733	4.753	PH	-6047	-74674	-0.44%	-0.025%
63	4.761	4.753	4.766	PH	-6065	-45956	-0.27%	-0.016%
64	4.781	4.766	4.796	PH	-5439	-104267	-0.62%	-0.036%
65	4.813	4.796	4.832	PH	-4888	-119589	-0.71%	-0.041%
66	4.859	4.832	4.889	PH	-5682	-198379	-1.17%	-0.068%
67	4.903	4.889	4.919	PH	-5926	-107999	-0.64%	-0.037%
68	4.930	4.919	4.936	PH	-6108	-62138	-0.37%	-0.021%
69	4.941	4.936	4.949	PH	-6066	-48776	-0.29%	-0.017%
70	4.957	4.949	4.963	PH	-5996	-51082	-0.30%	-0.017%
71	4.984	4.963	4.989	PH	-5985	-94723	-0.56%	-0.032%
72	5.014	4.989	5.052	PH	-4885	-212307	-1.25%	-0.072%
73	5.071	5.052	5.095	PH	-5736	-150081	-0.89%	-0.051%
74	5.114	5.095	5.136	PH	-3099	-106000	-0.63%	-0.036%
75	5.148	5.136	5.196	PH	-4439	-182217	-1.08%	-0.062%
76	5.201	5.196	5.212	PH	-5558	-55665	-0.33%	-0.019%
77	5.217	5.212	5.222	PH	-5572	-32749	-0.19%	-0.011%
78	5.232	5.222	5.267	PH	-5394	-149597	-0.88%	-0.051%
79	5.287	5.267	5.319	PH	-5026	-169979	-1.00%	-0.058%
80	5.321	5.319	5.333	PH	-5506	-47763	-0.28%	-0.016%
81	5.352	5.333	5.394	PH	-5041	-201476	-1.19%	-0.069%
82	5.413	5.394	5.439	PH	-5646	-155127	-0.92%	-0.053%
83	5.462	5.439	5.495	PH	1461	-120015	-0.71%	-0.041%
84	5.523	5.495	5.564	PH	-5221	-225526	-1.33%	-0.077%
85	5.578	5.564	5.590	PH	-5445	-87053	-0.51%	-0.030%
86	5.597	5.590	5.612	PH	-5529	-72815	-0.43%	-0.025%
87	5.654	5.612	5.670	PH	-5078	-186308	-1.10%	-0.063%
88	5.680	5.670	5.700	PH	-5046	-95471	-0.56%	-0.033%
89	5.705	5.700	5.723	PH	-5411	-74817	-0.44%	-0.025%

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90	5.745	5.723	5.784	PH	-4971	-194258	-1.15%	-0.066%
91	5.802	5.784	5.825	PH	-5269	-137902	-0.81%	-0.047%
92	5.833	5.825	5.846	PH	-5422	-66321	-0.39%	-0.023%
93	5.871	5.846	5.895	PH	-5341	-159681	-0.94%	-0.054%
94	5.916	5.895	5.946	PH	-5083	-160433	-0.95%	-0.055%
95	5.977	5.946	5.986	PH	-5001	-123792	-0.73%	-0.042%
96	6.020	5.986	6.050	PH	-2904	-158344	-0.94%	-0.054%
97	6.071	6.050	6.134	PH	52066	430196	2.54%	0.146%
98	6.155	6.134	6.181	PH	-2211	-86365	-0.51%	-0.029%
99	6.186	6.181	6.215	PH	-3954	-87490	-0.52%	-0.030%
100	6.230	6.215	6.254	PH	-4119	-101430	-0.60%	-0.035%
101	6.264	6.254	6.270	PH	-4383	-44441	-0.26%	-0.015%
102	6.273	6.270	6.279	PH	-4381	-22079	-0.13%	-0.008%
103	6.287	6.279	6.303	PH	-4277	-63927	-0.38%	-0.022%
104	6.310	6.303	6.356	PH	-4473	-147599	-0.87%	-0.050%
105	6.366	6.356	6.395	PH	-4539	-106739	-0.63%	-0.036%
106	6.399	6.395	6.404	PH	-4728	-26605	-0.16%	-0.009%
107	6.446	6.404	6.549	PH	991992	9892994	58.42%	3.368%
108	6.559	6.549	6.575	PH	-4168	-68623	-0.41%	-0.023%
109	6.590	6.575	6.620	PH	-4215	-119791	-0.71%	-0.041%
110	6.637	6.620	6.657	PH	-4536	-100911	-0.60%	-0.034%
111	6.662	6.657	6.670	PH	-4608	-35763	-0.21%	-0.012%
112	6.675	6.670	6.683	PH	-4663	-39191	-0.23%	-0.013%
113	6.690	6.683	6.699	PH	-4692	-43775	-0.26%	-0.015%
114	6.722	6.699	6.752	PH	-4328	-145394	-0.86%	-0.050%
115	6.765	6.752	6.809	PH	-4539	-158857	-0.94%	-0.054%
116	6.818	6.809	6.833	PH	-4544	-67577	-0.40%	-0.023%
117	6.847	6.833	6.867	PH	-4378	-91790	-0.54%	-0.031%
118	6.882	6.867	6.895	PH	-4599	-79294	-0.47%	-0.027%
119	6.900	6.895	6.905	PH	-4570	-27848	-0.16%	-0.009%
120	6.961	6.905	6.989	PH	-3831	-209781	-1.24%	-0.071%
121	7.004	6.989	7.020	PH	-4009	-77130	-0.46%	-0.026%
122	7.029	7.020	7.040	PH	-4286	-51959	-0.31%	-0.018%
123	7.074	7.040	7.086	PH	-2381	-96078	-0.57%	-0.033%
124	7.098	7.086	7.131	PH	-2597	-89338	-0.53%	-0.030%
125	7.144	7.131	7.179	PH	-3871	-116893	-0.69%	-0.040%
126	7.182	7.179	7.187	PH	-4259	-20684	-0.12%	-0.007%
127	7.207	7.187	7.231	PH	-3070	-97751	-0.58%	-0.033%
128	7.241	7.231	7.252	PH	-3869	-50601	-0.30%	-0.017%
129	7.257	7.252	7.263	PH	-4039	-26562	-0.16%	-0.009%
130	7.295	7.263	7.323	PH	-3808	-140048	-0.83%	-0.048%
131	7.326	7.323	7.343	PH	-4015	-49029	-0.29%	-0.017%
132	7.364	7.343	7.402	PH	-332	-107674	-0.64%	-0.037%
133	7.435	7.402	7.448	PH	-4116	-113827	-0.67%	-0.039%
134	7.452	7.448	7.460	PH	-4119	-31619	-0.19%	-0.011%
135	7.465	7.460	7.472	PH	-4254	-30613	-0.18%	-0.010%
136	7.495	7.472	7.521	PH	-3906	-118378	-0.70%	-0.040%
137	7.528	7.521	7.532	PH	-4059	-28264	-0.17%	-0.010%
138	7.537	7.532	7.570	PH	-4002	-94070	-0.56%	-0.032%
139	7.588	7.570	7.608	PH	-3965	-91872	-0.54%	-0.031%
140	7.623	7.608	7.627	PH	-3984	-46110	-0.27%	-0.016%
141	7.650	7.627	7.690	PH	-2482	-133097	-0.79%	-0.045%

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142	7.695	7.690	7.709	PH	-3967	-46170	-0.27%	-0.016%
143	7.722	7.709	7.745	PH	-3985	-86720	-0.51%	-0.030%
144	7.751	7.745	7.759	PH	-3979	-34183	-0.20%	-0.012%
145	7.817	7.759	7.839	PH	-2414	-161288	-0.95%	-0.055%
146	7.854	7.839	7.874	PH	-3658	-79785	-0.47%	-0.027%
147	7.884	7.874	7.890	PH	-3744	-37127	-0.22%	-0.013%
148	7.894	7.890	7.908	PH	-3789	-39592	-0.23%	-0.013%
149	7.931	7.908	7.948	PH	-2574	-80629	-0.48%	-0.027%
150	7.973	7.948	8.012	PH	-2025	-114880	-0.68%	-0.039%
151	8.015	8.012	8.035	PH	-3476	-50627	-0.30%	-0.017%
152	8.058	8.035	8.085	PH	-3112	-100813	-0.60%	-0.034%
153	8.091	8.085	8.101	PH	-3485	-32152	-0.19%	-0.011%
154	8.126	8.101	8.152	PH	-1232	-75816	-0.45%	-0.026%
155	8.167	8.152	8.184	PH	-2372	-52659	-0.31%	-0.018%
156	8.242	8.184	8.273	PH	989712	10625836	62.75%	3.618%
157	8.292	8.273	8.344	HH	7202	138239	0.82%	0.047%
158	8.354	8.344	8.416	PH	-141	-61371	-0.36%	-0.021%
159	8.420	8.416	8.435	PH	-2334	-28535	-0.17%	-0.010%
160	8.443	8.435	8.454	PH	-2412	-28511	-0.17%	-0.010%
161	8.461	8.454	8.492	PH	-2510	-60881	-0.36%	-0.021%
162	8.498	8.492	8.500	PH	-2806	-13254	-0.08%	-0.005%
163	8.506	8.500	8.561	PH	-2708	-107960	-0.64%	-0.037%
164	8.593	8.561	8.622	PH	-1907	-93740	-0.55%	-0.032%
165	8.647	8.622	8.674	PH	458	-47913	-0.28%	-0.016%
166	8.706	8.674	8.749	PH	97	-71078	-0.42%	-0.024%
167	8.768	8.749	8.804	PH	-2079	-82769	-0.49%	-0.028%
168	8.833	8.804	8.840	PH	-2690	-61952	-0.37%	-0.021%
169	8.858	8.840	8.872	PH	-2644	-50835	-0.30%	-0.017%
170	8.887	8.872	8.907	PH	-2276	-53880	-0.32%	-0.018%
171	8.931	8.907	8.941	PH	-1556	-40470	-0.24%	-0.014%
172	8.959	8.941	8.967	PH	-1075	-22238	-0.13%	-0.008%
173	8.971	8.967	9.024	PH	-1049	-67234	-0.40%	-0.023%
174	9.056	9.024	9.076	PH	1207	-38779	-0.23%	-0.013%
175	9.095	9.076	9.159	PH	-1573	-116014	-0.69%	-0.040%
176	9.213	9.159	9.231	PH	-2255	-112363	-0.66%	-0.038%
177	9.244	9.231	9.263	PH	-2363	-47033	-0.28%	-0.016%
178	9.266	9.263	9.280	PH	-2604	-28295	-0.17%	-0.010%
179	9.297	9.280	9.307	PH	-2537	-41971	-0.25%	-0.014%
180	9.324	9.307	9.328	PH	-2448	-32806	-0.19%	-0.011%
181	9.358	9.328	9.417	PH	14557	157901	0.93%	0.054%
182	9.436	9.417	9.492	PH	1192	-30886	-0.18%	-0.011%
183	9.510	9.492	9.539	PH	-1478	-51602	-0.30%	-0.018%
184	9.560	9.539	9.575	PH	-1247	-37866	-0.22%	-0.013%
185	9.583	9.575	9.599	PH	-1622	-25912	-0.15%	-0.009%
186	9.614	9.599	9.638	PH	-1380	-43037	-0.25%	-0.015%
187	9.669	9.638	9.687	PH	-1547	-55274	-0.33%	-0.019%
188	9.707	9.687	9.728	PH	-1761	-47512	-0.28%	-0.016%
189	9.769	9.728	9.805	PH	3174	3505	0.02%	0.001%
190	9.842	9.805	9.974	PH	935592	10563135	62.38%	3.597%
191	9.993	9.974	10.039	PH	-1241	-63650	-0.38%	-0.022%
192	10.046	10.039	10.069	PH	-1776	-33524	-0.20%	-0.011%
193	10.074	10.069	10.077	PH	-1893	-9561	-0.06%	-0.003%
194	10.110	10.077	10.123	PH	-1747	-50972	-0.30%	-0.017%

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195	10.142	10.123	10.157	PH	-1209	-30239	-0.18%	-0.010%
196	10.174	10.157	10.201	PH	-965	-35547	-0.21%	-0.012%
197	10.225	10.201	10.250	PH	-419	-31906	-0.19%	-0.011%
198	10.278	10.250	10.298	PH	-144	-21562	-0.13%	-0.007%
199	10.315	10.298	10.340	PH	-341	-19484	-0.12%	-0.007%
200	10.360	10.340	10.380	PH	-520	-20543	-0.12%	-0.007%
201	10.385	10.380	10.401	PH	-938	-12955	-0.08%	-0.004%
202	10.457	10.401	10.478	PH	4262	24457	0.14%	0.008%
203	10.504	10.478	10.515	PH	1053	13203	0.08%	0.004%
204	10.530	10.515	10.553	HH	1914	28052	0.17%	0.010%
205	10.572	10.553	10.591	HH	2357	27252	0.16%	0.009%
206	10.600	10.591	10.614	PH	88	-1235	-0.01%	-0.000%
207	10.642	10.614	10.666	PH	1877	26013	0.15%	0.009%
208	10.677	10.666	10.689	HH	429	4151	0.02%	0.001%
209	10.710	10.689	10.776	HH	2143	17144	0.10%	0.006%
210	10.803	10.776	10.810	PH	-137	-6989	-0.04%	-0.002%
211	10.835	10.810	10.872	PH	33950	466399	2.75%	0.159%
212	10.885	10.872	10.897	HH	4463	54302	0.32%	0.018%
213	10.914	10.897	10.974	HH	7428	144504	0.85%	0.049%
214	10.990	10.974	11.012	HH	901	10503	0.06%	0.004%
215	11.050	11.012	11.069	HH	3915	46794	0.28%	0.016%
216	11.082	11.069	11.095	PH	689	6091	0.04%	0.002%
217	11.110	11.095	11.122	HH	505	5267	0.03%	0.002%
218	11.143	11.122	11.188	HH	1851	30372	0.18%	0.010%
219	11.213	11.188	11.233	HH	1731	27783	0.16%	0.009%
220	11.283	11.233	11.329	HH	903208	10875678	64.22%	3.703%
221	11.333	11.329	11.341	HH	838	5523	0.03%	0.002%
222	11.368	11.341	11.409	HH	2366	46935	0.28%	0.016%
223	11.434	11.409	11.445	HH	863	10555	0.06%	0.004%
224	11.466	11.445	11.500	HH	3082	41292	0.24%	0.014%
225	11.518	11.500	11.529	HH	1143	13000	0.08%	0.004%
226	11.541	11.529	11.564	HH	1255	20040	0.12%	0.007%
227	11.567	11.564	11.580	HH	667	5290	0.03%	0.002%
228	11.597	11.580	11.612	HH	895	12298	0.07%	0.004%
229	11.640	11.612	11.655	HH	4404	61145	0.36%	0.021%
230	11.673	11.655	11.721	HH	5417	106142	0.63%	0.036%
231	11.753	11.721	11.774	HH	5458	89940	0.53%	0.031%
232	11.788	11.774	11.804	HH	3408	45809	0.27%	0.016%
233	11.821	11.804	11.864	HH	4268	68022	0.40%	0.023%
234	11.882	11.864	11.899	HH	445	6869	0.04%	0.002%
235	11.940	11.899	11.967	HH	2362	50817	0.30%	0.017%
236	11.999	11.967	12.017	HH	3203	55250	0.33%	0.019%
237	12.039	12.017	12.092	HH	3029	81343	0.48%	0.028%
238	12.113	12.092	12.158	HH	2882	64595	0.38%	0.022%
239	12.205	12.158	12.272	HH	80322	1172205	6.92%	0.399%
240	12.282	12.272	12.335	HH	3038	88478	0.52%	0.030%
241	12.358	12.335	12.368	HH	2472	43080	0.25%	0.015%
242	12.380	12.368	12.393	HH	2556	36134	0.21%	0.012%
243	12.411	12.393	12.482	HH	3993	126430	0.75%	0.043%
244	12.504	12.482	12.516	HH	3280	53702	0.32%	0.018%
245	12.537	12.516	12.555	HH	5168	89505	0.53%	0.030%
246	12.594	12.555	12.628	HH	889718	11114050	65.63%	3.784%

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247	12.655	12.628	12.720	HH	56241	805050	4.75%	0.274%
248	12.735	12.720	12.782	HH	2048	67052	0.40%	0.023%
249	12.818	12.782	12.823	HH	2499	53827	0.32%	0.018%
250	12.844	12.823	12.865	HH	4017	75361	0.45%	0.026%
251	12.880	12.865	12.908	HH	2527	62853	0.37%	0.021%
252	12.911	12.908	12.927	HH	2479	27374	0.16%	0.009%
253	12.954	12.927	12.997	HH	49408	698292	4.12%	0.238%
254	13.012	12.997	13.029	HH	6613	102234	0.60%	0.035%
255	13.045	13.029	13.062	HH	6131	95933	0.57%	0.033%
256	13.073	13.062	13.115	HH	5056	112823	0.67%	0.038%
257	13.131	13.115	13.156	HH	3546	70968	0.42%	0.024%
258	13.199	13.156	13.210	HH	4116	105543	0.62%	0.036%
259	13.231	13.210	13.259	HH	5355	132199	0.78%	0.045%
260	13.266	13.259	13.306	HH	4128	104885	0.62%	0.036%
261	13.314	13.306	13.334	HH	2954	47306	0.28%	0.016%
262	13.362	13.334	13.381	HH	3503	88739	0.52%	0.030%
263	13.433	13.381	13.498	HH	30169	615685	3.64%	0.210%
264	13.547	13.498	13.589	HH	8762	286261	1.69%	0.097%
265	13.605	13.589	13.630	HH	4616	98358	0.58%	0.033%
266	13.655	13.630	13.675	HH	5908	119473	0.71%	0.041%
267	13.695	13.675	13.717	HH	6645	130863	0.77%	0.045%
268	13.733	13.717	13.752	HH	4759	88882	0.52%	0.030%
269	13.793	13.752	13.847	HH	882005	11173907	65.98%	3.805%
270	13.865	13.847	13.919	HH	5938	183081	1.08%	0.062%
271	13.949	13.919	13.964	HH	3521	91565	0.54%	0.031%
272	13.969	13.964	13.977	HH	3483	26431	0.16%	0.009%
273	14.012	13.977	14.044	HH	3758	143792	0.85%	0.049%
274	14.053	14.044	14.076	HH	3431	64225	0.38%	0.022%
275	14.082	14.076	14.097	HH	3397	42752	0.25%	0.015%
276	14.109	14.097	14.117	HH	3210	37561	0.22%	0.013%
277	14.145	14.117	14.153	HH	4065	80255	0.47%	0.027%
278	14.175	14.153	14.204	HH	7398	160149	0.95%	0.055%
279	14.257	14.204	14.271	HH	4730	172743	1.02%	0.059%
280	14.296	14.271	14.327	HH	6437	175146	1.03%	0.060%
281	14.348	14.327	14.386	HH	7107	208878	1.23%	0.071%
282	14.411	14.386	14.438	HH	11422	236483	1.40%	0.081%
283	14.466	14.438	14.502	HH	8096	239605	1.41%	0.082%
284	14.526	14.502	14.552	HH	9590	215839	1.27%	0.073%
285	14.575	14.552	14.590	HH	7813	157791	0.93%	0.054%
286	14.605	14.590	14.649	HH	7437	221552	1.31%	0.075%
287	14.687	14.649	14.721	HH	201148	2964501	17.51%	1.009%
288	14.730	14.721	14.777	HH	8115	216334	1.28%	0.074%
289	14.838	14.777	14.857	HH	26357	538784	3.18%	0.183%
290	14.897	14.857	14.928	HH	848341	11327132	66.89%	3.857%
291	14.936	14.928	14.965	HH	7679	147602	0.87%	0.050%
292	15.000	14.965	15.021	HH	8906	237842	1.40%	0.081%
293	15.025	15.021	15.057	HH	6701	134454	0.79%	0.046%
294	15.083	15.057	15.130	HH	6550	270166	1.60%	0.092%
295	15.160	15.130	15.172	HH	7140	164193	0.97%	0.056%
296	15.184	15.172	15.236	HH	7256	257245	1.52%	0.088%
297	15.267	15.236	15.377	HH	83132	1673229	9.88%	0.570%
298	15.409	15.377	15.449	HH	11315	364919	2.15%	0.124%
299	15.472	15.449	15.494	HH	7860	202503	1.20%	0.069%

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300	15.515	15.494	15.537	HH	11374	243230	1.44%	0.083%
301	15.551	15.537	15.582	HH	9044	224135	1.32%	0.076%
302	15.602	15.582	15.612	HH	7790	138890	0.82%	0.047%
303	15.625	15.612	15.637	HH	8008	114663	0.68%	0.039%
304	15.669	15.637	15.722	HH	9794	448703	2.65%	0.153%
305	15.783	15.722	15.818	HH	10637	489179	2.89%	0.167%
306	15.840	15.818	15.862	HH	8406	215933	1.28%	0.074%
307	15.868	15.862	15.871	HH	8009	39191	0.23%	0.013%
308	15.918	15.871	16.000	HH	803477	11165764	65.93%	3.802%
309	16.011	16.000	16.032	HH	8207	155191	0.92%	0.053%
310	16.046	16.032	16.062	HH	8351	147221	0.87%	0.050%
311	16.110	16.062	16.135	HH	9327	385534	2.28%	0.131%
312	16.152	16.135	16.175	HH	9619	218200	1.29%	0.074%
313	16.199	16.175	16.204	HH	10090	163334	0.96%	0.056%
314	16.213	16.204	16.242	HH	10067	218732	1.29%	0.074%
315	16.282	16.242	16.340	HH	18129	709806	4.19%	0.242%
316	16.359	16.340	16.370	HH	10962	188197	1.11%	0.064%
317	16.401	16.370	16.423	HH	33473	695169	4.10%	0.237%
318	16.430	16.423	16.463	HH	18815	355045	2.10%	0.121%
319	16.471	16.463	16.502	HH	11478	252877	1.49%	0.086%
320	16.535	16.502	16.585	HH	14712	596369	3.52%	0.203%
321	16.593	16.585	16.615	HH	10927	193559	1.14%	0.066%
322	16.646	16.615	16.675	HH	14231	456895	2.70%	0.156%
323	16.690	16.675	16.700	HH	13255	187659	1.11%	0.064%
324	16.724	16.700	16.759	HH	23967	610280	3.60%	0.208%
325	16.785	16.759	16.826	HH	27043	711325	4.20%	0.242%
326	16.869	16.826	16.899	HH	744188	10845374	64.04%	3.693%
327	16.911	16.899	16.972	HH	22850	701498	4.14%	0.239%
328	17.034	16.972	17.075	HH	13699	812145	4.80%	0.277%
329	17.094	17.075	17.123	HH	13751	387697	2.29%	0.132%
330	17.151	17.123	17.161	HH	14860	326812	1.93%	0.111%
331	17.191	17.161	17.205	HH	15413	401388	2.37%	0.137%
332	17.226	17.205	17.244	HH	16351	355630	2.10%	0.121%
333	17.248	17.244	17.262	HH	14592	158746	0.94%	0.054%
334	17.311	17.262	17.342	HH	24823	854972	5.05%	0.291%
335	17.349	17.342	17.365	HH	14538	198472	1.17%	0.068%
336	17.395	17.365	17.422	HH	15844	521841	3.08%	0.178%
337	17.443	17.422	17.472	HH	16010	462191	2.73%	0.157%
338	17.484	17.472	17.503	HH	15528	291196	1.72%	0.099%
339	17.509	17.503	17.512	HH	15091	80419	0.47%	0.027%
340	17.516	17.512	17.532	HH	15122	182453	1.08%	0.062%
341	17.548	17.532	17.553	HH	15169	186783	1.10%	0.064%
342	17.604	17.553	17.625	HH	16129	677027	4.00%	0.231%
343	17.647	17.625	17.656	HH	16230	302548	1.79%	0.103%
344	17.707	17.656	17.714	HH	18303	584672	3.45%	0.199%
345	17.758	17.714	17.814	HH	736908	11019576	65.07%	3.752%
346	17.842	17.814	17.857	HH	19146	473480	2.80%	0.161%
347	17.898	17.857	17.915	HH	19520	656503	3.88%	0.224%
348	17.938	17.915	17.944	HH	19186	330880	1.95%	0.113%
349	17.981	17.944	17.999	HH	20156	637188	3.76%	0.217%
350	18.024	17.999	18.043	HH	20041	520277	3.07%	0.177%
351	18.073	18.043	18.080	HH	23942	477361	2.82%	0.163%

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352	18.105	18.080	18.142	HH	52372	1286899	7.60%	0.438%
353	18.171	18.142	18.230	HH	42719	1478990	8.73%	0.504%
354	18.267	18.230	18.284	HH	23659	722690	4.27%	0.246%
355	18.305	18.284	18.319	HH	23769	483387	2.85%	0.165%
356	18.333	18.319	18.354	HH	23634	484902	2.86%	0.165%
357	18.370	18.354	18.382	HH	22526	374835	2.21%	0.128%
358	18.387	18.382	18.394	HH	22275	167531	0.99%	0.057%
359	18.421	18.394	18.456	HH	30520	953337	5.63%	0.325%
360	18.470	18.456	18.502	HH	23324	643300	3.80%	0.219%
361	18.592	18.502	18.644	HH	694999	11924071	70.41%	4.060%
362	18.691	18.644	18.714	HH	27622	1087701	6.42%	0.370%
363	18.743	18.714	18.803	HH	29969	1449267	8.56%	0.493%
364	18.863	18.803	18.882	HH	28111	1292966	7.63%	0.440%
365	18.936	18.882	18.961	HH	51510	1702893	10.06%	0.580%
366	18.982	18.961	19.057	HH	44896	1963795	11.60%	0.669%
367	19.090	19.057	19.101	HH	30893	804443	4.75%	0.274%
368	19.142	19.101	19.178	HH	32928	1466668	8.66%	0.499%
369	19.183	19.178	19.201	HH	31107	435058	2.57%	0.148%
370	19.225	19.201	19.243	HH	32063	804137	4.75%	0.274%
371	19.280	19.243	19.302	HH	33326	1146999	6.77%	0.391%
372	19.376	19.302	19.423	HH	679816	11897583	70.26%	4.051%
373	19.437	19.423	19.454	HH	37347	672066	3.97%	0.229%
374	19.475	19.454	19.504	HH	38424	1116886	6.60%	0.380%
375	19.546	19.504	19.568	HH	39414	1466048	8.66%	0.499%
376	19.591	19.568	19.622	HH	40302	1279745	7.56%	0.436%
377	19.659	19.622	19.688	HH	45434	1673599	9.88%	0.570%
378	19.739	19.688	19.769	HH	53342	2260787	13.35%	0.770%
379	19.776	19.769	19.797	HH	42424	700018	4.13%	0.238%
380	19.802	19.797	19.810	HH	41901	338842	2.00%	0.115%
381	19.849	19.810	19.864	HH	43136	1358390	8.02%	0.463%
382	19.902	19.864	19.907	HH	43996	1124085	6.64%	0.383%
383	19.911	19.907	19.914	HH	43985	186277	1.10%	0.063%
384	19.980	19.914	20.000	HH	49598	2432671	14.36%	0.828%
385	20.010	20.000	20.034	HH	48225	962395	5.68%	0.328%
386	20.117	20.034	20.199	HH	679406	14279258	84.32%	4.862%
387	20.251	20.199	20.282	HH	56928	2665956	15.74%	0.908%
388	20.338	20.282	20.344	HH	55289	2044647	12.07%	0.696%
389	20.373	20.344	20.393	HH	56003	1636990	9.67%	0.557%
390	20.464	20.393	20.514	HH	63998	4252711	25.11%	1.448%
391	20.519	20.514	20.529	HH	58671	522007	3.08%	0.178%
392	20.573	20.529	20.605	HH	61368	2731542	16.13%	0.930%
393	20.632	20.605	20.674	HH	62965	2510072	14.82%	0.855%
394	20.752	20.674	20.802	HH	62134	4661214	27.52%	1.587%
395	20.857	20.802	21.035	HH	545763	16934794	100.00%	5.766%
396	21.045	21.035	21.070	HH	55982	1194766	7.06%	0.407%
397	21.168	21.070	21.238	HH	61339	5773074	34.09%	1.966%
398	21.272	21.238	21.309	HH	58113	2392336	14.13%	0.815%
399	21.451	21.309	21.514	HH	56751	6837987	40.38%	2.328%
400	21.520	21.514	21.547	HH	56117	1124514	6.64%	0.383%
401	21.574	21.547	21.583	HH	56282	1185068	7.00%	0.404%
402	21.589	21.583	21.596	HH	56177	462327	2.73%	0.157%
403	21.647	21.596	21.700	HH	65186	3685108	21.76%	1.255%
404	21.773	21.700	21.900	HHA	411656	15335965	90.56%	5.222%

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Sum of corrected areas: 293696440

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