

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035448.D
 Signal(s) : FID1B.CH
 Acq On : 19 Mar 2022 16:36
 Sample : N1958-05
 Misc :
 ALS Vial : 47 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	2.118	2.102	2.148	BH	282	-1318	-0.00%	-0.000%
2	2.155	2.148	2.163	PH	-335	-3833	-0.01%	-0.000%
3	2.180	2.163	2.211	PH	4298	22020	0.06%	0.001%
4	2.214	2.211	2.235	PH	-490	-8206	-0.02%	-0.000%
5	2.239	2.235	2.280	PH	-589	-23021	-0.06%	-0.001%
6	2.309	2.280	2.323	PH	-429	-18727	-0.05%	-0.001%
7	2.337	2.323	2.390	PH	4852	35369	0.09%	0.002%
8	2.402	2.390	2.429	PH	1050	-3425	-0.01%	-0.000%
9	2.444	2.429	2.453	PH	57	-6350	-0.02%	-0.000%
10	2.461	2.453	2.482	PH	-185	-11774	-0.03%	-0.000%
11	2.495	2.482	2.512	PH	73	-11515	-0.03%	-0.000%
12	2.541	2.512	2.559	PH	751	-1827	-0.00%	-0.000%
13	2.568	2.559	2.586	HH	174	368	0.00%	0.000%
14	2.589	2.586	2.604	PH	-17	-3718	-0.01%	-0.000%
15	2.626	2.604	2.688	PH	40078	332915	0.85%	0.014%
16	2.714	2.688	2.764	PH	42581	495753	1.27%	0.021%
17	2.777	2.764	2.795	HH	1336	10614	0.03%	0.000%
18	2.808	2.795	2.833	PH	684	5313	0.01%	0.000%
19	2.838	2.833	2.840	PH	-407	-1755	-0.00%	-0.000%
20	2.852	2.840	2.857	PH	-295	-3497	-0.01%	-0.000%
21	2.895	2.857	2.919	PH	12043	173388	0.44%	0.007%
22	2.934	2.919	2.956	HH	24167	237929	0.61%	0.010%
23	2.968	2.956	3.041	HH	7672	145580	0.37%	0.006%
24	3.057	3.041	3.098	HH	2662	28550	0.07%	0.001%
25	3.111	3.098	3.140	PH	98	-6979	-0.02%	-0.000%
26	3.147	3.140	3.154	PH	-452	-4563	-0.01%	-0.000%
27	3.177	3.154	3.207	PH	6577	51048	0.13%	0.002%
28	3.212	3.207	3.235	PH	-207	-7163	-0.02%	-0.000%
29	3.250	3.235	3.255	PH	-461	-6280	-0.02%	-0.000%
30	3.277	3.255	3.312	PH	3333	20653	0.05%	0.001%
31	3.323	3.312	3.331	PH	-458	-5677	-0.01%	-0.000%
32	3.334	3.331	3.345	PH	-435	-4292	-0.01%	-0.000%
33	3.371	3.345	3.416	PH	604	-8646	-0.02%	-0.000%
34	3.436	3.416	3.444	PH	484	-1307	-0.00%	-0.000%
35	3.453	3.444	3.463	HH	327	2349	0.01%	0.000%
36	3.487	3.463	3.529	PH	479	4288	0.01%	0.000%

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37	3.547	3.529	3.571	PH	3323	28532	0.07%	0.001%
38	3.586	3.571	3.604	HH	3142	30472	0.08%	0.001%
39	3.615	3.604	3.626	HH	742	6734	0.02%	0.000%
40	3.633	3.626	3.647	HH	370	3131	0.01%	0.000%
41	3.669	3.647	3.680	HH	14329	126846	0.32%	0.005%
42	3.688	3.680	3.727	HH	8120	84298	0.22%	0.004%
43	3.753	3.727	3.805	PH	13891	125256	0.32%	0.005%
44	3.843	3.805	3.885	PH	5769	71620	0.18%	0.003%
45	3.895	3.885	3.909	HH	867	8412	0.02%	0.000%
46	3.945	3.909	3.967	HH	3241	68720	0.18%	0.003%
47	4.004	3.967	4.026	HH	37331	483422	1.24%	0.021%
48	4.037	4.026	4.099	HH	11518	210446	0.54%	0.009%
49	4.116	4.099	4.134	HH	4227	45842	0.12%	0.002%
50	4.146	4.134	4.173	HH	1251	15499	0.04%	0.001%
51	4.190	4.173	4.219	HH	939	11370	0.03%	0.000%
52	4.238	4.219	4.260	PH	9649	85125	0.22%	0.004%
53	4.281	4.260	4.297	HH	10855	99429	0.25%	0.004%
54	4.311	4.297	4.330	HH	7464	80245	0.21%	0.003%
55	4.343	4.330	4.364	HH	2286	31023	0.08%	0.001%
56	4.384	4.364	4.424	HH	25585	284585	0.73%	0.012%
57	4.450	4.424	4.480	HH	40767	453224	1.16%	0.019%
58	4.487	4.480	4.506	HH	4113	48148	0.12%	0.002%
59	4.520	4.506	4.552	HH	4270	63989	0.16%	0.003%
60	4.563	4.552	4.572	HH	1652	16041	0.04%	0.001%
61	4.589	4.572	4.601	HH	3241	41646	0.11%	0.002%
62	4.616	4.601	4.641	HH	6038	80656	0.21%	0.003%
63	4.655	4.641	4.676	HH	3236	53971	0.14%	0.002%
64	4.692	4.676	4.720	HH	5506	74234	0.19%	0.003%
65	4.734	4.720	4.749	HH	1033	14254	0.04%	0.001%
66	4.764	4.749	4.779	HH	1485	17204	0.04%	0.001%
67	4.792	4.779	4.801	HH	788	8608	0.02%	0.000%
68	4.816	4.801	4.829	HH	2494	28530	0.07%	0.001%
69	4.839	4.829	4.861	HH	2142	30476	0.08%	0.001%
70	4.875	4.861	4.901	HH	4080	61249	0.16%	0.003%
71	4.919	4.901	4.938	HH	6088	89268	0.23%	0.004%
72	4.952	4.938	4.965	HH	4981	58014	0.15%	0.002%
73	4.978	4.965	4.990	HH	3704	43842	0.11%	0.002%
74	4.997	4.990	5.026	HH	2600	43230	0.11%	0.002%
75	5.042	5.026	5.056	HH	3014	39942	0.10%	0.002%
76	5.060	5.056	5.074	HH	1992	18520	0.05%	0.001%
77	5.092	5.074	5.133	HH	16698	217934	0.56%	0.009%
78	5.153	5.133	5.195	HH	6218	94209	0.24%	0.004%
79	5.221	5.195	5.252	HH	3835	57393	0.15%	0.002%
80	5.271	5.252	5.292	HH	13424	154241	0.39%	0.007%
81	5.305	5.292	5.334	HH	7107	94550	0.24%	0.004%
82	5.339	5.334	5.357	HH	2145	20478	0.05%	0.001%
83	5.379	5.357	5.419	HH	6109	100849	0.26%	0.004%
84	5.427	5.419	5.432	HH	1277	9470	0.02%	0.000%
85	5.455	5.432	5.474	HH	3306	50353	0.13%	0.002%
86	5.485	5.474	5.506	HH	1330	21913	0.06%	0.001%
87	5.532	5.506	5.558	HH	8872	173778	0.44%	0.007%
88	5.570	5.558	5.592	HH	8763	137977	0.35%	0.006%
89	5.602	5.592	5.629	HH	6610	94096	0.24%	0.004%

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90	5.643	5.629	5.666	HH	3185	48643	0.12%	0.002%
91	5.682	5.666	5.701	HH	1712	29446	0.08%	0.001%
92	5.721	5.701	5.742	HH	3245	54389	0.14%	0.002%
93	5.773	5.742	5.790	HH	2799	66556	0.17%	0.003%
94	5.816	5.790	5.849	HH	178269	1857096	4.75%	0.079%
95	5.863	5.849	5.896	HH	10500	197209	0.50%	0.008%
96	5.906	5.896	5.934	HH	4281	71177	0.18%	0.003%
97	5.969	5.934	6.017	HH	5176	140085	0.36%	0.006%
98	6.031	6.017	6.039	HH	1691	18045	0.05%	0.001%
99	6.052	6.039	6.061	HH	1996	22047	0.06%	0.001%
100	6.097	6.061	6.124	HH	8561	156072	0.40%	0.007%
101	6.140	6.124	6.159	HH	3934	63811	0.16%	0.003%
102	6.177	6.159	6.186	HH	2678	37887	0.10%	0.002%
103	6.205	6.186	6.227	HH	4556	81405	0.21%	0.003%
104	6.248	6.227	6.271	HH	9451	129898	0.33%	0.006%
105	6.286	6.271	6.312	HH	4865	88080	0.23%	0.004%
106	6.326	6.312	6.375	HH	4289	106099	0.27%	0.005%
107	6.394	6.375	6.411	HH	4683	67767	0.17%	0.003%
108	6.424	6.411	6.441	HH	2866	45453	0.12%	0.002%
109	6.444	6.441	6.484	HH	2441	56744	0.15%	0.002%
110	6.506	6.484	6.510	HH	2237	29899	0.08%	0.001%
111	6.522	6.510	6.539	HH	2299	34420	0.09%	0.001%
112	6.589	6.539	6.616	HH	7834	180965	0.46%	0.008%
113	6.641	6.616	6.661	HH	3671	88280	0.23%	0.004%
114	6.680	6.661	6.721	HH	3663	100163	0.26%	0.004%
115	6.763	6.721	6.791	HH	9459	224992	0.58%	0.010%
116	6.803	6.791	6.834	HH	5817	120346	0.31%	0.005%
117	6.868	6.834	6.916	HH	38554	619630	1.58%	0.026%
118	6.925	6.916	6.936	HH	5638	62058	0.16%	0.003%
119	6.947	6.936	6.977	HH	5474	104176	0.27%	0.004%
120	7.001	6.977	7.025	HH	24316	298248	0.76%	0.013%
121	7.042	7.025	7.057	HH	9571	130576	0.33%	0.006%
122	7.066	7.057	7.089	HH	5336	84809	0.22%	0.004%
123	7.131	7.089	7.136	HH	3603	94723	0.24%	0.004%
124	7.168	7.136	7.212	HH	11351	227565	0.58%	0.010%
125	7.230	7.212	7.258	HH	4302	96807	0.25%	0.004%
126	7.291	7.258	7.310	HH	5047	134223	0.34%	0.006%
127	7.338	7.310	7.367	HH	5039	134119	0.34%	0.006%
128	7.390	7.367	7.414	HH	4060	97578	0.25%	0.004%
129	7.431	7.414	7.485	HH	3951	136144	0.35%	0.006%
130	7.509	7.485	7.562	HH	7872	215663	0.55%	0.009%
131	7.590	7.562	7.599	HH	6592	106783	0.27%	0.005%
132	7.616	7.599	7.669	HH	9187	253853	0.65%	0.011%
133	7.687	7.669	7.712	HH	4401	98194	0.25%	0.004%
134	7.732	7.712	7.776	HH	6441	191242	0.49%	0.008%
135	7.789	7.776	7.804	HH	5916	85371	0.22%	0.004%
136	7.816	7.804	7.827	HH	4825	60569	0.15%	0.003%
137	7.856	7.827	7.881	HH	9262	207768	0.53%	0.009%
138	7.902	7.881	7.909	HH	5411	82367	0.21%	0.003%
139	7.932	7.909	7.945	HH	12015	198242	0.51%	0.008%
140	7.958	7.945	7.974	HH	13681	180467	0.46%	0.008%
141	7.987	7.974	8.005	HH	13623	183524	0.47%	0.008%

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142	8.035	8.005	8.070	HH	16445	339979	0.87%	0.014%
143	8.082	8.070	8.093	HH	4934	66913	0.17%	0.003%
144	8.142	8.093	8.172	HH	36754	666187	1.70%	0.028%
145	8.182	8.172	8.212	HH	8363	162269	0.42%	0.007%
146	8.231	8.212	8.259	HH	6748	156962	0.40%	0.007%
147	8.281	8.259	8.329	HH	7404	225245	0.58%	0.010%
148	8.351	8.329	8.369	HH	7270	131448	0.34%	0.006%
149	8.402	8.369	8.409	HH	6348	141286	0.36%	0.006%
150	8.434	8.409	8.462	HH	24035	395887	1.01%	0.017%
151	8.480	8.462	8.498	HH	9787	176266	0.45%	0.007%
152	8.513	8.498	8.534	HH	8840	173770	0.44%	0.007%
153	8.543	8.534	8.556	HH	7557	95614	0.24%	0.004%
154	8.569	8.556	8.594	HH	8905	165964	0.42%	0.007%
155	8.603	8.594	8.607	HH	5407	42341	0.11%	0.002%
156	8.675	8.607	8.692	HH	9839	366307	0.94%	0.016%
157	8.711	8.692	8.736	HH	14325	258349	0.66%	0.011%
158	8.743	8.736	8.754	HH	7091	76193	0.19%	0.003%
159	8.773	8.754	8.827	HH	14980	421975	1.08%	0.018%
160	8.853	8.827	8.872	HH	14058	267882	0.69%	0.011%
161	8.887	8.872	8.922	HH	10467	231719	0.59%	0.010%
162	8.949	8.922	8.972	HH	6969	189257	0.48%	0.008%
163	9.000	8.972	9.017	HH	9911	203245	0.52%	0.009%
164	9.033	9.017	9.064	HH	9089	203713	0.52%	0.009%
165	9.085	9.064	9.103	HH	8590	172919	0.44%	0.007%
166	9.135	9.103	9.162	HH	9795	275150	0.70%	0.012%
167	9.178	9.162	9.187	HH	8116	110721	0.28%	0.005%
168	9.216	9.187	9.256	HH	24899	603074	1.54%	0.026%
169	9.264	9.256	9.277	HH	9992	121759	0.31%	0.005%
170	9.295	9.277	9.327	HH	12819	309406	0.79%	0.013%
171	9.338	9.327	9.347	HH	8955	99710	0.26%	0.004%
172	9.364	9.347	9.387	HH	13342	254664	0.65%	0.011%
173	9.425	9.387	9.441	HH	10685	287859	0.74%	0.012%
174	9.460	9.441	9.521	HH	10422	425681	1.09%	0.018%
175	9.542	9.521	9.553	HH	14631	230719	0.59%	0.010%
176	9.566	9.553	9.608	HH	15781	379884	0.97%	0.016%
177	9.635	9.608	9.684	HH	18310	572357	1.46%	0.024%
178	9.699	9.684	9.719	HH	10653	203623	0.52%	0.009%
179	9.736	9.719	9.769	HH	9481	256130	0.66%	0.011%
180	9.773	9.769	9.775	HH	7851	29925	0.08%	0.001%
181	9.801	9.775	9.820	HH	9326	229972	0.59%	0.010%
182	9.832	9.820	9.849	HH	8871	146925	0.38%	0.006%
183	9.855	9.849	9.862	HH	8444	68135	0.17%	0.003%
184	9.865	9.862	9.872	HH	8401	48280	0.12%	0.002%
185	9.894	9.872	9.912	HH	8707	204545	0.52%	0.009%
186	9.954	9.912	9.992	HH	14160	506426	1.30%	0.022%
187	10.017	9.992	10.035	HH	12712	288917	0.74%	0.012%
188	10.068	10.035	10.082	HH	15708	385123	0.98%	0.016%
189	10.097	10.082	10.121	HH	16758	330260	0.84%	0.014%
190	10.140	10.121	10.175	HH	14045	387300	0.99%	0.016%
191	10.212	10.175	10.250	HH	18082	596967	1.53%	0.025%
192	10.274	10.250	10.305	HH	22659	557899	1.43%	0.024%
193	10.323	10.305	10.349	HH	19999	438719	1.12%	0.019%
194	10.369	10.349	10.376	HH	20202	283866	0.73%	0.012%

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195	10.382	10.376	10.396	HH	19981	224317	0.57%	0.010%
196	10.418	10.396	10.459	HH	24730	726038	1.86%	0.031%
197	10.487	10.459	10.499	HH	14936	335439	0.86%	0.014%
198	10.516	10.499	10.532	HH	16780	297197	0.76%	0.013%
199	10.547	10.532	10.567	HH	14594	283156	0.72%	0.012%
200	10.585	10.567	10.590	HH	17075	213124	0.55%	0.009%
201	10.616	10.590	10.646	HH	245234	2996238	7.66%	0.127%
202	10.662	10.646	10.668	HH	20441	263279	0.67%	0.011%
203	10.690	10.668	10.727	HH	79571	1321817	3.38%	0.056%
204	10.734	10.727	10.779	HH	18240	525421	1.34%	0.022%
205	10.798	10.779	10.819	HH	16026	374338	0.96%	0.016%
206	10.831	10.819	10.848	HH	14952	255862	0.65%	0.011%
207	10.871	10.848	10.893	HH	17689	430315	1.10%	0.018%
208	10.925	10.893	10.954	HH	31401	786063	2.01%	0.033%
209	11.014	10.954	11.025	HH	20800	790802	2.02%	0.034%
210	11.038	11.025	11.052	HH	22378	332965	0.85%	0.014%
211	11.066	11.052	11.089	HH	25129	481856	1.23%	0.020%
212	11.106	11.089	11.118	HH	21246	352277	0.90%	0.015%
213	11.146	11.118	11.177	HH	30446	842595	2.15%	0.036%
214	11.217	11.177	11.237	HH	23958	716386	1.83%	0.030%
215	11.262	11.237	11.289	HH	25044	667331	1.71%	0.028%
216	11.309	11.289	11.326	HH	23066	457866	1.17%	0.019%
217	11.344	11.326	11.364	HH	23107	484980	1.24%	0.021%
218	11.373	11.364	11.390	HH	21859	329731	0.84%	0.014%
219	11.415	11.390	11.430	HH	52091	841798	2.15%	0.036%
220	11.446	11.430	11.486	HH	61444	1189427	3.04%	0.051%
221	11.527	11.486	11.546	HH	57107	1347420	3.45%	0.057%
222	11.563	11.546	11.577	HH	44321	670782	1.72%	0.028%
223	11.594	11.577	11.637	HH	53249	1190782	3.05%	0.051%
224	11.667	11.637	11.685	HH	26889	688338	1.76%	0.029%
225	11.734	11.685	11.766	HH	33590	1361234	3.48%	0.058%
226	11.786	11.766	11.843	HH	46729	1488855	3.81%	0.063%
227	11.848	11.843	11.864	HH	26183	322474	0.82%	0.014%
228	11.886	11.864	11.927	HH	46985	1269449	3.25%	0.054%
229	11.947	11.927	11.971	HH	30926	756446	1.93%	0.032%
230	12.008	11.971	12.054	HH	69888	1987970	5.08%	0.084%
231	12.093	12.054	12.108	HH	33267	1020170	2.61%	0.043%
232	12.136	12.108	12.182	HH	35751	1467632	3.75%	0.062%
233	12.203	12.182	12.216	HH	40601	725990	1.86%	0.031%
234	12.222	12.216	12.251	HH	36802	715866	1.83%	0.030%
235	12.271	12.251	12.294	HH	50239	1090937	2.79%	0.046%
236	12.314	12.294	12.336	HH	58432	1183485	3.03%	0.050%
237	12.375	12.336	12.402	HH	55357	1806813	4.62%	0.077%
238	12.436	12.402	12.487	HH	478913	7033590	17.99%	0.299%
239	12.506	12.487	12.516	HH	38866	649507	1.66%	0.028%
240	12.527	12.516	12.545	HH	39865	663069	1.70%	0.028%
241	12.566	12.545	12.584	HH	58218	1121546	2.87%	0.048%
242	12.612	12.584	12.632	HH	55389	1385888	3.54%	0.059%
243	12.651	12.632	12.699	HH	50823	1814893	4.64%	0.077%
244	12.731	12.699	12.764	HH	446992	6248813	15.98%	0.265%
245	12.782	12.764	12.798	HH	74151	1247036	3.19%	0.053%
246	12.815	12.798	12.844	HH	80043	1612629	4.12%	0.068%

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247	12.865	12.844	12.881	HH	46680	1010792	2.59%	0.043%
248	12.901	12.881	12.918	HH	60091	1189544	3.04%	0.051%
249	12.938	12.918	12.962	HH	57640	1377320	3.52%	0.058%
250	12.997	12.962	13.041	HH	74847	2734456	6.99%	0.116%
251	13.077	13.041	13.101	HH	65332	2117644	5.42%	0.090%
252	13.124	13.101	13.164	HH	65965	2237454	5.72%	0.095%
253	13.188	13.164	13.218	HH	79001	2116019	5.41%	0.090%
254	13.234	13.218	13.254	HH	61329	1308170	3.35%	0.056%
255	13.316	13.254	13.349	HH	109794	4189868	10.72%	0.178%
256	13.354	13.349	13.369	HH	63182	747965	1.91%	0.032%
257	13.382	13.369	13.401	HH	66222	1192983	3.05%	0.051%
258	13.423	13.401	13.442	HH	86439	1828505	4.68%	0.078%
259	13.462	13.442	13.483	HH	92743	1930631	4.94%	0.082%
260	13.498	13.483	13.514	HH	72541	1299459	3.32%	0.055%
261	13.517	13.514	13.526	HH	67118	462652	1.18%	0.020%
262	13.590	13.526	13.614	HH	101202	4275397	10.93%	0.182%
263	13.633	13.614	13.667	HH	91482	2473027	6.32%	0.105%
264	13.684	13.667	13.691	HH	71494	1007985	2.58%	0.043%
265	13.716	13.691	13.742	HH	78699	2299628	5.88%	0.098%
266	13.763	13.742	13.782	HH	79996	1866005	4.77%	0.079%
267	13.804	13.782	13.831	HH	83463	2335742	5.97%	0.099%
268	13.836	13.831	13.856	HH	77190	1134797	2.90%	0.048%
269	13.874	13.856	13.879	HH	77201	1065168	2.72%	0.045%
270	13.903	13.879	13.919	HH	80284	1878791	4.81%	0.080%
271	13.932	13.919	13.944	HH	81294	1202937	3.08%	0.051%
272	13.961	13.944	13.975	HH	84450	1546067	3.95%	0.066%
273	14.021	13.975	14.035	HH	91754	3145791	8.05%	0.134%
274	14.059	14.035	14.097	HH	122323	3683907	9.42%	0.156%
275	14.129	14.097	14.143	HH	99160	2504009	6.40%	0.106%
276	14.159	14.143	14.180	HH	101434	2180966	5.58%	0.093%
277	14.203	14.180	14.213	HH	118051	2127135	5.44%	0.090%
278	14.228	14.213	14.266	HH	131544	3621881	9.26%	0.154%
279	14.291	14.266	14.316	HH	149233	3638124	9.30%	0.154%
280	14.363	14.316	14.396	HH	135961	5485780	14.03%	0.233%
281	14.411	14.396	14.426	HH	107015	1848882	4.73%	0.079%
282	14.467	14.426	14.508	HH	200628	6612027	16.91%	0.281%
283	14.515	14.508	14.533	HH	108064	1557706	3.98%	0.066%
284	14.566	14.533	14.580	HH	124244	3262223	8.34%	0.139%
285	14.608	14.580	14.628	HH	312209	5946455	15.21%	0.253%
286	14.651	14.628	14.682	HH	339712	6642157	16.99%	0.282%
287	14.703	14.682	14.731	HH	125265	3533255	9.04%	0.150%
288	14.769	14.731	14.822	HH	160537	7436190	19.02%	0.316%
289	14.841	14.822	14.851	HH	128513	2164983	5.54%	0.092%
290	14.870	14.851	14.891	HH	136749	3115513	7.97%	0.132%
291	14.926	14.891	14.940	HH	147553	4053274	10.37%	0.172%
292	14.948	14.940	15.007	HH	144641	5553487	14.20%	0.236%
293	15.051	15.007	15.128	HH	205484	11120470	28.44%	0.472%
294	15.145	15.128	15.159	HH	147362	2665617	6.82%	0.113%
295	15.209	15.159	15.232	HH	302434	8535202	21.83%	0.362%
296	15.243	15.232	15.255	HH	162037	2221240	5.68%	0.094%
297	15.282	15.255	15.304	HH	204786	5184715	13.26%	0.220%
298	15.319	15.304	15.352	HH	176997	4865003	12.44%	0.207%
299	15.366	15.352	15.374	HH	162632	2037274	5.21%	0.087%

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300	15.396	15.374	15.401	HH	170888	2721502	6.96%	0.116%
301	15.444	15.401	15.471	HH	193463	7558250	19.33%	0.321%
302	15.478	15.471	15.482	HH	174091	1145638	2.93%	0.049%
303	15.515	15.482	15.531	HH	180835	5223745	13.36%	0.222%
304	15.539	15.531	15.545	HH	177620	1527416	3.91%	0.065%
305	15.566	15.545	15.582	HH	183419	3915956	10.02%	0.166%
306	15.603	15.582	15.626	HH	190283	4885937	12.50%	0.207%
307	15.663	15.626	15.674	HH	194689	5362110	13.71%	0.228%
308	15.695	15.674	15.719	HH	204196	5325066	13.62%	0.226%
309	15.724	15.719	15.737	HH	198842	2218019	5.67%	0.094%
310	15.742	15.737	15.749	HH	196978	1365438	3.49%	0.058%
311	15.753	15.749	15.766	HH	196080	1948350	4.98%	0.083%
312	15.771	15.766	15.796	HH	193667	3466405	8.87%	0.147%
313	15.813	15.796	15.819	HH	203012	2788106	7.13%	0.118%
314	15.824	15.819	15.832	HH	201732	1597688	4.09%	0.068%
315	15.836	15.832	15.846	HH	201656	1592442	4.07%	0.068%
316	15.877	15.846	15.905	HH	231763	7754503	19.83%	0.329%
317	15.915	15.905	15.935	HH	216179	3847686	9.84%	0.163%
318	15.970	15.935	16.006	HH	236039	9441488	24.15%	0.401%
319	16.035	16.006	16.051	HH	236201	6192552	15.84%	0.263%
320	16.088	16.051	16.106	HH	244482	7882390	20.16%	0.335%
321	16.129	16.106	16.144	HH	247109	5523858	14.13%	0.235%
322	16.179	16.144	16.197	HH	481056	11403580	29.16%	0.484%
323	16.205	16.197	16.234	HH	352596	6545467	16.74%	0.278%
324	16.260	16.234	16.266	HH	262401	4866440	12.45%	0.207%
325	16.314	16.266	16.354	HH	343761	15594613	39.88%	0.662%
326	16.358	16.354	16.367	HH	280024	2229462	5.70%	0.095%
327	16.382	16.367	16.389	HH	278750	3575317	9.14%	0.152%
328	16.394	16.389	16.405	HH	279771	2739262	7.01%	0.116%
329	16.431	16.405	16.442	HH	294982	6222061	15.91%	0.264%
330	16.447	16.442	16.452	HH	293152	1798137	4.60%	0.076%
331	16.462	16.452	16.467	HH	301173	2603198	6.66%	0.111%
332	16.504	16.467	16.532	HH	432436	13788644	35.26%	0.586%
333	16.563	16.532	16.588	HH	496137	12899755	32.99%	0.548%
334	16.659	16.588	16.696	HH	398880	22187164	56.74%	0.942%
335	16.725	16.696	16.756	HH	348892	12226256	31.27%	0.519%
336	16.766	16.756	16.780	HH	342731	4906741	12.55%	0.208%
337	16.820	16.780	16.827	HH	367429	9983694	25.53%	0.424%
338	16.872	16.827	16.899	HH	423501	16536031	42.29%	0.702%
339	16.952	16.899	16.989	HH	429192	20946014	53.57%	0.889%
340	17.023	16.989	17.028	HH	402993	9095025	23.26%	0.386%
341	17.042	17.028	17.084	HH	426521	13677490	34.98%	0.581%
342	17.093	17.084	17.114	HH	403063	7103378	18.17%	0.302%
343	17.130	17.114	17.136	HH	401831	5279531	13.50%	0.224%
344	17.153	17.136	17.166	HH	408833	7128236	18.23%	0.303%
345	17.183	17.166	17.189	HH	427195	5859501	14.99%	0.249%
346	17.193	17.189	17.216	HH	431223	6736567	17.23%	0.286%
347	17.274	17.216	17.303	HH	429884	21716874	55.54%	0.922%
348	17.323	17.303	17.328	HH	416268	6142051	15.71%	0.261%
349	17.356	17.328	17.392	HH	443555	16418697	41.99%	0.697%
350	17.418	17.392	17.442	HH	458110	13313582	34.05%	0.565%
351	17.466	17.442	17.476	HH	446775	8762728	22.41%	0.372%

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352	17.495	17.476	17.509	HH	480190	9186928	23.50%	0.390%
353	17.525	17.509	17.543	HH	483827	9772026	24.99%	0.415%
354	17.559	17.543	17.589	HH	494539	12893098	32.97%	0.547%
355	17.662	17.589	17.680	HH	606417	27868037	71.27%	1.183%
356	17.686	17.680	17.756	HH	561623	23658651	60.51%	1.005%
357	17.766	17.756	17.789	HH	497049	9578035	24.50%	0.407%
358	17.812	17.789	17.825	HH	509941	10723582	27.43%	0.455%
359	17.860	17.825	17.880	HH	555339	17701501	45.27%	0.752%
360	17.886	17.880	17.925	HH	535264	13768191	35.21%	0.585%
361	17.956	17.925	17.974	HH	599835	16644555	42.57%	0.707%
362	17.980	17.974	17.989	HH	556580	4858499	12.43%	0.206%
363	17.992	17.989	18.007	HH	555981	6043862	15.46%	0.257%
364	18.033	18.007	18.057	HH	696857	17820122	45.58%	0.757%
365	18.105	18.057	18.136	HH	555170	25707511	65.75%	1.092%
366	18.140	18.136	18.171	HH	543897	11324349	28.96%	0.481%
367	18.215	18.171	18.267	HH	630447	33528417	85.75%	1.424%
368	18.341	18.267	18.356	HH	591542	29845939	76.33%	1.267%
369	18.360	18.356	18.391	HH	586947	11923903	30.50%	0.506%
370	18.417	18.391	18.426	HH	574966	11835636	30.27%	0.503%
371	18.455	18.426	18.477	HH	636841	18564600	47.48%	0.788%
372	18.502	18.477	18.557	HH	633884	28572070	73.07%	1.213%
373	18.568	18.557	18.576	HH	577941	6395022	16.36%	0.272%
374	18.585	18.576	18.592	HH	581617	5734062	14.66%	0.243%
375	18.635	18.592	18.667	HH	614320	26689038	68.26%	1.133%
376	18.674	18.667	18.689	HH	605716	8196356	20.96%	0.348%
377	18.717	18.689	18.746	HH	637019	21397795	54.73%	0.909%
378	18.784	18.746	18.815	HH	683897	26675578	68.22%	1.133%
379	18.854	18.815	18.885	HH	666110	26999668	69.05%	1.146%
380	18.904	18.885	18.934	HH	648382	18670829	47.75%	0.793%
381	18.968	18.934	18.977	HH	648624	16811638	43.00%	0.714%
382	18.995	18.977	19.010	HH	652397	12540579	32.07%	0.533%
383	19.015	19.010	19.026	HH	650388	6203493	15.87%	0.263%
384	19.074	19.026	19.090	HH	665956	25363527	64.87%	1.077%
385	19.110	19.090	19.117	HH	673753	10864160	27.79%	0.461%
386	19.129	19.117	19.143	HH	681387	10235982	26.18%	0.435%
387	19.167	19.143	19.198	HH	721204	23347808	59.71%	0.991%
388	19.204	19.198	19.214	HH	694448	6503365	16.63%	0.276%
389	19.219	19.214	19.225	HH	688105	4305839	11.01%	0.183%
390	19.256	19.225	19.284	HH	722299	25152063	64.33%	1.068%
391	19.289	19.284	19.301	HH	700363	6976096	17.84%	0.296%
392	19.308	19.301	19.315	HH	708638	6180803	15.81%	0.262%
393	19.330	19.315	19.336	HH	711239	8607290	22.01%	0.365%
394	19.353	19.336	19.360	HH	728209	10671599	27.29%	0.453%
395	19.381	19.360	19.385	HH	737127	10813122	27.65%	0.459%
396	19.390	19.385	19.402	HH	745949	7621805	19.49%	0.324%
397	19.407	19.402	19.413	HH	742402	4626104	11.83%	0.196%
398	19.421	19.413	19.427	HH	740923	6506624	16.64%	0.276%
399	19.450	19.427	19.464	HH	768811	16452697	42.08%	0.699%
400	19.489	19.464	19.502	HH	788590	17734981	45.36%	0.753%
401	19.507	19.502	19.526	HH	781335	11262496	28.80%	0.478%
402	19.566	19.526	19.611	HH	795914	39100528	100.00%	1.660%
403	19.622	19.611	19.631	HH	759188	8937330	22.86%	0.380%
404	19.635	19.631	19.647	HH	752022	7324787	18.73%	0.311%

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405	19.672	19.647	19.705	HH	786351	26888805	68.77%	1.142%
406	19.723	19.705	19.733	HH	770240	12534831	32.06%	0.532%
407	19.780	19.733	19.808	HH	848027	36732948	93.94%	1.560%
408	19.812	19.808	19.819	HH	822372	5565174	14.23%	0.236%
409	19.844	19.819	19.866	HH	832171	22970906	58.75%	0.975%
410	19.898	19.866	19.906	HH	841506	19877045	50.84%	0.844%
411	19.917	19.906	19.927	HH	843073	10854132	27.76%	0.461%
412	19.941	19.927	19.956	HH	860562	14444077	36.94%	0.613%
413	19.963	19.956	19.991	HH	856989	17823868	45.58%	0.757%
414	20.011	19.991	20.026	HH	858287	18072738	46.22%	0.767%
415	20.035	20.026	20.047	HH	853668	10704659	27.38%	0.455%
416	20.067	20.047	20.087	HH	859540	20034639	51.24%	0.851%
417	20.093	20.087	20.112	HH	860640	13165454	33.67%	0.559%
418	20.163	20.112	20.179	HH	878357	34705280	88.76%	1.474%
419	20.183	20.179	20.187	HH	876527	4244955	10.86%	0.180%
420	20.202	20.187	20.207	HH	887837	10550817	26.98%	0.448%
421	20.242	20.207	20.248	HH	916251	22041970	56.37%	0.936%
422	20.258	20.248	20.274	HH	917623	14252618	36.45%	0.605%
423	20.289	20.274	20.299	HH	910881	13550034	34.65%	0.575%
424	20.305	20.299	20.326	HH	903711	14178754	36.26%	0.602%
425	20.341	20.326	20.346	HH	908512	11010117	28.16%	0.468%
426	20.351	20.346	20.373	HH	907800	14640164	37.44%	0.622%
427	20.385	20.373	20.389	HH	893674	8324817	21.29%	0.354%
428	20.398	20.389	20.404	HH	898322	8032053	20.54%	0.341%
429	20.414	20.404	20.418	HH	895527	7580477	19.39%	0.322%
430	20.424	20.418	20.437	HH	902312	9978842	25.52%	0.424%
431	20.459	20.437	20.469	HH	928888	17916987	45.82%	0.761%
432	20.485	20.469	20.512	HH	933802	23593559	60.34%	1.002%
433	20.520	20.512	20.534	HH	912621	11734609	30.01%	0.498%
434	20.543	20.534	20.557	HH	903734	12478388	31.91%	0.530%
435	20.570	20.557	20.582	HH	896743	13302366	34.02%	0.565%
436	20.585	20.582	20.604	HH	891170	11598104	29.66%	0.492%
437	20.610	20.604	20.612	HH	878337	4215032	10.78%	0.179%
438	20.619	20.612	20.645	HH	881555	16921590	43.28%	0.719%
439	20.648	20.645	20.669	HH	861406	12434843	31.80%	0.528%
440	20.692	20.669	20.704	HH	854898	17762511	45.43%	0.754%
441	20.709	20.704	20.731	HH	862415	13993482	35.79%	0.594%
442	20.743	20.731	20.749	HH	867394	9305608	23.80%	0.395%
443	20.760	20.749	20.765	HH	870998	8126444	20.78%	0.345%
444	20.773	20.765	20.777	HH	870887	6607028	16.90%	0.281%
445	20.786	20.777	20.796	HH	869450	9735257	24.90%	0.413%
446	20.801	20.796	20.806	HH	858607	5160319	13.20%	0.219%
447	20.811	20.806	20.817	HH	860345	5734110	14.67%	0.243%
448	20.822	20.817	20.849	HH	853017	15950165	40.79%	0.677%
449	20.861	20.849	20.892	HH	839244	21111792	53.99%	0.896%
450	20.898	20.892	20.902	HH	810887	4919910	12.58%	0.209%
451	20.921	20.902	20.928	HH	820082	12559597	32.12%	0.533%
452	20.945	20.928	20.949	HH	821301	10368635	26.52%	0.440%
453	20.983	20.949	20.994	HH	842179	22345531	57.15%	0.949%
454	21.007	20.994	21.031	HH	842545	18504260	47.32%	0.786%
455	21.042	21.031	21.056	HH	827552	12263684	31.36%	0.521%
456	21.060	21.056	21.077	HH	816217	10366507	26.51%	0.440%

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457	21.089	21.077	21.096	HH	812818	9079523	23.22%	0.386%
458	21.101	21.096	21.125	HH	811435	14350461	36.70%	0.609%
459	21.138	21.125	21.173	HH	808321	22755410	58.20%	0.966%
460	21.181	21.173	21.203	HH	795646	14140540	36.16%	0.600%
461	21.221	21.203	21.226	HH	782052	10969010	28.05%	0.466%
462	21.237	21.226	21.252	HH	776446	11750421	30.05%	0.499%
463	21.257	21.252	21.269	HH	777721	7965979	20.37%	0.338%
464	21.274	21.269	21.280	HH	771020	4923253	12.59%	0.209%
465	21.285	21.280	21.287	HH	764042	3384391	8.66%	0.144%
466	21.303	21.287	21.308	HH	770945	9387975	24.01%	0.399%
467	21.322	21.308	21.326	HH	775117	8515717	21.78%	0.362%
468	21.331	21.326	21.346	HH	776080	9112916	23.31%	0.387%
469	21.372	21.346	21.389	HH	778363	20024078	51.21%	0.850%
470	21.398	21.389	21.403	HH	772428	6208347	15.88%	0.264%
471	21.429	21.403	21.433	HH	786192	14367913	36.75%	0.610%
472	21.441	21.433	21.478	HH	791354	20499750	52.43%	0.870%
473	21.482	21.478	21.487	HH	740782	3917608	10.02%	0.166%
474	21.489	21.487	21.492	HH	740034	2584756	6.61%	0.110%
					Sum of corrected areas: 2354968574			

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