

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623\
Data File : FG013016.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2023 15:27
Sample : 04765-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.908	1.900	1.941	BV	251	2459	0.03%	0.001%
2	1.964	1.941	1.997	PV	322	4080	0.05%	0.002%
3	2.015	1.997	2.027	PV	145	1468	0.02%	0.001%
4	2.076	2.027	2.147	VV	113563	1573788	18.99%	0.793%
5	2.154	2.147	2.179	VV	159	1834	0.02%	0.001%
6	2.186	2.179	2.193	VV	71	459	0.01%	0.000%
7	2.200	2.193	2.212	VV	67	506	0.01%	0.000%
8	2.216	2.212	2.226	PV	98	361	0.00%	0.000%
9	2.261	2.226	2.267	VV	130	2171	0.03%	0.001%
10	2.271	2.267	2.278	VV	105	649	0.01%	0.000%
11	2.300	2.278	2.341	VV	558	11050	0.13%	0.006%
12	2.363	2.341	2.409	VV	2955	38402	0.46%	0.019%
13	2.426	2.409	2.465	VV	682	11050	0.13%	0.006%
14	2.471	2.465	2.476	VV	57	232	0.00%	0.000%
15	2.485	2.476	2.489	VV	39	202	0.00%	0.000%
16	2.513	2.489	2.533	VV	72	1424	0.02%	0.001%
17	2.545	2.533	2.549	VV	122	869	0.01%	0.000%
18	2.563	2.549	2.606	VV	147	3641	0.04%	0.002%
19	2.616	2.606	2.621	VV	94	621	0.01%	0.000%
20	2.652	2.621	2.685	VV	652	10316	0.12%	0.005%
21	2.691	2.685	2.698	VV	203	1153	0.01%	0.001%
22	2.701	2.698	2.733	VV	174	1988	0.02%	0.001%
23	2.769	2.733	2.802	PV	809	15433	0.19%	0.008%
24	2.804	2.802	2.819	VV	168	1030	0.01%	0.001%
25	2.822	2.819	2.828	VV	101	365	0.00%	0.000%
26	2.848	2.828	2.864	VV	258	3711	0.04%	0.002%
27	2.878	2.864	2.896	VV	272	3318	0.04%	0.002%
28	2.923	2.896	2.939	VV	196	3705	0.04%	0.002%
29	2.980	2.939	3.020	VV	3663	59627	0.72%	0.030%
30	3.035	3.020	3.059	VV	516	7928	0.10%	0.004%
31	3.082	3.059	3.119	VV	628	11567	0.14%	0.006%
32	3.124	3.119	3.162	VV	194	2704	0.03%	0.001%
33	3.208	3.162	3.231	VV	372	7776	0.09%	0.004%
34	3.256	3.231	3.261	VV	261	3365	0.04%	0.002%
35	3.266	3.261	3.291	VV	231	3049	0.04%	0.002%
36	3.304	3.291	3.318	VV	251	2689	0.03%	0.001%

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37	3.342	3.318	3.372	VV	356	7943	0.10%	0.004%
38	3.384	3.372	3.388	VV	266	2307	0.03%	0.001%
39	3.397	3.388	3.410	VV	310	3406	0.04%	0.002%
40	3.416	3.410	3.438	VV	484	7144	0.09%	0.004%
41	3.462	3.438	3.505	VV	646	18518	0.22%	0.009%
42	3.509	3.505	3.553	VV	392	6646	0.08%	0.003%
43	3.575	3.553	3.616	VV	311	5956	0.07%	0.003%
44	3.631	3.616	3.636	VV	141	1243	0.02%	0.001%
45	3.646	3.636	3.651	VV	172	1205	0.01%	0.001%
46	3.690	3.651	3.718	VV	677	11096	0.13%	0.006%
47	3.733	3.718	3.758	VV	172	2777	0.03%	0.001%
48	3.763	3.758	3.773	VV	134	1150	0.01%	0.001%
49	3.792	3.773	3.820	VV	567	9138	0.11%	0.005%
50	3.830	3.820	3.845	VV	297	3308	0.04%	0.002%
51	3.851	3.845	3.862	VV	197	1173	0.01%	0.001%
52	3.888	3.862	3.906	VV	210	3154	0.04%	0.002%
53	3.911	3.906	3.915	VV	173	775	0.01%	0.000%
54	3.930	3.915	3.942	VV	461	5146	0.06%	0.003%
55	3.952	3.942	3.973	VV	323	4055	0.05%	0.002%
56	3.977	3.973	3.986	VV	128	815	0.01%	0.000%
57	3.996	3.986	4.013	VV	157	2147	0.03%	0.001%
58	4.026	4.013	4.043	VV	216	3222	0.04%	0.002%
59	4.054	4.043	4.098	VV	206	3522	0.04%	0.002%
60	4.134	4.098	4.154	PV	721	10178	0.12%	0.005%
61	4.180	4.154	4.217	VV	1005	18080	0.22%	0.009%
62	4.235	4.217	4.269	VV	533	8983	0.11%	0.005%
63	4.300	4.269	4.308	VV	1038	11361	0.14%	0.006%
64	4.321	4.308	4.351	VV	3109	44187	0.53%	0.022%
65	4.363	4.351	4.413	VV	1127	22134	0.27%	0.011%
66	4.428	4.413	4.449	VV	403	6599	0.08%	0.003%
67	4.463	4.449	4.487	VV	259	4261	0.05%	0.002%
68	4.492	4.487	4.496	VV	152	664	0.01%	0.000%
69	4.513	4.496	4.518	VV	204	1667	0.02%	0.001%
70	4.531	4.518	4.545	VV	281	3313	0.04%	0.002%
71	4.549	4.545	4.561	VV	174	1251	0.02%	0.001%
72	4.597	4.561	4.627	VV	214353	2247299	27.12%	1.133%
73	4.636	4.627	4.656	VV	536	6432	0.08%	0.003%
74	4.672	4.656	4.699	VV	366	6967	0.08%	0.004%
75	4.716	4.699	4.739	VV	245	4482	0.05%	0.002%
76	4.763	4.739	4.784	VV	1236	15896	0.19%	0.008%
77	4.787	4.784	4.796	VV	173	1012	0.01%	0.001%
78	4.829	4.796	4.866	VV	970	14826	0.18%	0.007%
79	4.884	4.866	4.897	VV	235	2646	0.03%	0.001%
80	4.914	4.897	4.932	VV	319	4332	0.05%	0.002%
81	4.983	4.932	5.003	VV	595	14467	0.17%	0.007%
82	5.008	5.003	5.030	VV	362	3990	0.05%	0.002%
83	5.056	5.030	5.092	VV	439	8851	0.11%	0.004%
84	5.109	5.092	5.130	VV	320	4545	0.05%	0.002%
85	5.155	5.130	5.164	VV	350	3983	0.05%	0.002%
86	5.176	5.164	5.198	VV	328	5463	0.07%	0.003%
87	5.220	5.198	5.227	VV	292	3989	0.05%	0.002%
88	5.232	5.227	5.247	VV	334	3422	0.04%	0.002%
89	5.251	5.247	5.277	VV	266	3062	0.04%	0.002%

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90	5.297	5.277	5.328	VV	632	9923	0.12%	0.005%
91	5.354	5.328	5.375	VV	784	10483	0.13%	0.005%
92	5.384	5.375	5.397	VV	241	2309	0.03%	0.001%
93	5.413	5.397	5.433	VV	762	9218	0.11%	0.005%
94	5.441	5.433	5.458	VV	348	3107	0.04%	0.002%
95	5.461	5.458	5.465	PV	26	60	0.00%	0.000%
96	5.481	5.465	5.496	PV	390	4258	0.05%	0.002%
97	5.501	5.496	5.523	VV	203	2120	0.03%	0.001%
98	5.542	5.523	5.576	VV	1549	19869	0.24%	0.010%
99	5.580	5.576	5.591	VV	262	1790	0.02%	0.001%
100	5.612	5.591	5.630	VV	458	6169	0.07%	0.003%
101	5.641	5.630	5.654	VV	160	1479	0.02%	0.001%
102	5.674	5.654	5.718	VV	722	11926	0.14%	0.006%
103	5.737	5.718	5.775	PV	1227	18449	0.22%	0.009%
104	5.792	5.775	5.824	VV	671	9450	0.11%	0.005%
105	5.845	5.824	5.903	VV	876	14056	0.17%	0.007%
106	5.923	5.903	5.951	VV	375	5413	0.07%	0.003%
107	5.982	5.951	5.993	VV	450	6375	0.08%	0.003%
108	6.008	5.993	6.024	VV	529	6101	0.07%	0.003%
109	6.043	6.024	6.063	VV	1141	16212	0.20%	0.008%
110	6.071	6.063	6.099	VV	450	5931	0.07%	0.003%
111	6.122	6.099	6.140	VV	338	5565	0.07%	0.003%
112	6.149	6.140	6.163	VV	304	3162	0.04%	0.002%
113	6.177	6.163	6.195	VV	495	6943	0.08%	0.004%
114	6.215	6.195	6.237	VV	323	4214	0.05%	0.002%
115	6.270	6.237	6.289	PV	507	8368	0.10%	0.004%
116	6.310	6.289	6.338	VV	7610	79711	0.96%	0.040%
117	6.342	6.338	6.348	VV	372	2146	0.03%	0.001%
118	6.362	6.348	6.377	VV	490	6080	0.07%	0.003%
119	6.388	6.377	6.399	VV	265	2744	0.03%	0.001%
120	6.412	6.399	6.440	VV	262	3799	0.05%	0.002%
121	6.483	6.440	6.502	VV	521	9327	0.11%	0.005%
122	6.507	6.502	6.522	VV	216	1661	0.02%	0.001%
123	6.538	6.522	6.553	VV	243	2829	0.03%	0.001%
124	6.564	6.553	6.583	VV	282	3041	0.04%	0.002%
125	6.608	6.583	6.641	VV	1649	21759	0.26%	0.011%
126	6.661	6.641	6.670	VV	456	6175	0.07%	0.003%
127	6.681	6.670	6.703	VV	455	7129	0.09%	0.004%
128	6.718	6.703	6.735	VV	734	8773	0.11%	0.004%
129	6.771	6.735	6.798	VV	246361	2385333	28.78%	1.203%
130	6.804	6.798	6.820	VV	679	7553	0.09%	0.004%
131	6.824	6.820	6.838	VV	440	4136	0.05%	0.002%
132	6.852	6.838	6.888	VV	579	11671	0.14%	0.006%
133	6.901	6.888	6.906	VV	349	2765	0.03%	0.001%
134	6.922	6.906	6.944	VV	693	10388	0.13%	0.005%
135	6.966	6.944	6.988	VV	429	7289	0.09%	0.004%
136	6.994	6.988	7.018	VV	221	2068	0.02%	0.001%
137	7.051	7.018	7.063	PV	254	4661	0.06%	0.002%
138	7.096	7.063	7.126	VV	685	13636	0.16%	0.007%
139	7.145	7.126	7.165	VV	740	10891	0.13%	0.005%
140	7.179	7.165	7.194	VV	449	5916	0.07%	0.003%
141	7.213	7.194	7.228	VV	712	9237	0.11%	0.005%

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142	7.250	7.228	7.270	VV	1709	24676	0.30%	0.012%
143	7.283	7.270	7.292	VV	940	10759	0.13%	0.005%
144	7.303	7.292	7.331	VV	849	16914	0.20%	0.009%
145	7.346	7.331	7.371	VV	914	16804	0.20%	0.008%
146	7.407	7.371	7.427	VV	3997	51562	0.62%	0.026%
147	7.440	7.427	7.456	VV	938	11485	0.14%	0.006%
148	7.465	7.456	7.479	VV	418	4607	0.06%	0.002%
149	7.496	7.479	7.527	VV	547	9323	0.11%	0.005%
150	7.546	7.527	7.570	VV	1855	19524	0.24%	0.010%
151	7.588	7.570	7.604	VV	1344	16208	0.20%	0.008%
152	7.618	7.604	7.638	VV	666	9606	0.12%	0.005%
153	7.643	7.638	7.653	VV	310	2077	0.03%	0.001%
154	7.671	7.653	7.689	VV	454	6629	0.08%	0.003%
155	7.720	7.689	7.763	VV	2064	32167	0.39%	0.016%
156	7.783	7.763	7.819	VV	473	9716	0.12%	0.005%
157	7.841	7.819	7.845	VV	303	3725	0.04%	0.002%
158	7.850	7.845	7.870	VV	312	3008	0.04%	0.002%
159	7.896	7.870	7.923	VV	383	6083	0.07%	0.003%
160	7.939	7.923	7.967	VV	285	4575	0.06%	0.002%
161	7.979	7.967	7.987	VV	138	1241	0.01%	0.001%
162	8.011	7.987	8.039	PV	772	9779	0.12%	0.005%
163	8.063	8.039	8.082	PV	339	5215	0.06%	0.003%
164	8.090	8.082	8.099	VV	217	1564	0.02%	0.001%
165	8.132	8.099	8.136	VV	1235	11780	0.14%	0.006%
166	8.147	8.136	8.168	VV	1498	22475	0.27%	0.011%
167	8.177	8.168	8.196	VV	880	12261	0.15%	0.006%
168	8.201	8.196	8.232	VV	552	7677	0.09%	0.004%
169	8.254	8.232	8.271	VV	455	7040	0.08%	0.004%
170	8.306	8.271	8.322	VV	1424	27072	0.33%	0.014%
171	8.342	8.322	8.363	VV	1136	21042	0.25%	0.011%
172	8.377	8.363	8.389	VV	728	9128	0.11%	0.005%
173	8.405	8.389	8.412	VV	1425	14789	0.18%	0.007%
174	8.424	8.412	8.455	VV	2186	30934	0.37%	0.016%
175	8.495	8.455	8.513	VV	1974	37098	0.45%	0.019%
176	8.527	8.513	8.541	VV	2018	24807	0.30%	0.013%
177	8.573	8.541	8.577	VV	6053	78014	0.94%	0.039%
178	8.604	8.577	8.660	VV	233168	2446750	29.52%	1.234%
179	8.683	8.660	8.691	VV	1361	20595	0.25%	0.010%
180	8.713	8.691	8.750	VV	12935	162454	1.96%	0.082%
181	8.766	8.750	8.792	VV	2002	32167	0.39%	0.016%
182	8.803	8.792	8.818	VV	826	9670	0.12%	0.005%
183	8.829	8.818	8.846	VV	463	5901	0.07%	0.003%
184	8.855	8.846	8.863	VV	367	3391	0.04%	0.002%
185	8.868	8.863	8.884	VV	451	4535	0.05%	0.002%
186	8.893	8.884	8.907	VV	299	3328	0.04%	0.002%
187	8.911	8.907	8.920	VV	159	871	0.01%	0.000%
188	8.938	8.920	8.943	VV	270	2892	0.03%	0.001%
189	8.964	8.943	8.982	VV	1526	20838	0.25%	0.011%
190	9.012	8.982	9.039	VV	3009	43296	0.52%	0.022%
191	9.065	9.039	9.089	VV	2098	38575	0.47%	0.019%
192	9.103	9.089	9.115	VV	987	13835	0.17%	0.007%
193	9.132	9.115	9.165	VV	1606	31126	0.38%	0.016%
194	9.175	9.165	9.186	VV	554	6063	0.07%	0.003%

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195	9.253	9.186	9.273	VV	1567	45107	0.54%	0.023%
196	9.287	9.273	9.311	VV	1296	17276	0.21%	0.009%
197	9.347	9.311	9.403	VV	2342	62975	0.76%	0.032%
198	9.431	9.403	9.455	VV	2549	40077	0.48%	0.020%
199	9.466	9.455	9.499	VV	1462	21921	0.26%	0.011%
200	9.524	9.499	9.555	VV	1821	25991	0.31%	0.013%
201	9.581	9.555	9.598	PV	1433	20388	0.25%	0.010%
202	9.615	9.598	9.631	VV	1866	20247	0.24%	0.010%
203	9.667	9.631	9.689	VV	3197	45895	0.55%	0.023%
204	9.696	9.689	9.704	VV	494	4130	0.05%	0.002%
205	9.721	9.704	9.737	VV	1188	15367	0.19%	0.008%
206	9.758	9.737	9.783	VV	5038	66756	0.81%	0.034%
207	9.804	9.783	9.811	VV	2843	30819	0.37%	0.016%
208	9.819	9.811	9.843	VV	2967	41303	0.50%	0.021%
209	9.848	9.843	9.865	VV	1066	10202	0.12%	0.005%
210	9.884	9.865	9.911	VV	1874	31397	0.38%	0.016%
211	9.926	9.911	9.933	VV	1212	13163	0.16%	0.007%
212	9.951	9.933	9.974	VV	2942	42444	0.51%	0.021%
213	9.994	9.974	10.005	VV	2127	27171	0.33%	0.014%
214	10.016	10.005	10.031	VV	1768	22679	0.27%	0.011%
215	10.064	10.031	10.097	VV	1600	39493	0.48%	0.020%
216	10.150	10.097	10.170	VV	2419	56205	0.68%	0.028%
217	10.182	10.170	10.186	VV	982	7978	0.10%	0.004%
218	10.217	10.186	10.279	VV	227555	2473091	29.84%	1.247%
219	10.286	10.279	10.290	VV	672	4339	0.05%	0.002%
220	10.306	10.290	10.311	VV	743	8613	0.10%	0.004%
221	10.323	10.311	10.356	VV	865	14314	0.17%	0.007%
222	10.388	10.356	10.413	VV	645	13687	0.17%	0.007%
223	10.429	10.413	10.444	VV	563	6439	0.08%	0.003%
224	10.473	10.444	10.480	PV	345	4909	0.06%	0.002%
225	10.510	10.480	10.535	VV	1524	27096	0.33%	0.014%
226	10.557	10.535	10.590	VV	1391	27613	0.33%	0.014%
227	10.605	10.590	10.624	VV	1086	14553	0.18%	0.007%
228	10.662	10.624	10.673	VV	2032	38238	0.46%	0.019%
229	10.690	10.673	10.713	VV	3071	41906	0.51%	0.021%
230	10.731	10.713	10.771	VV	2293	37036	0.45%	0.019%
231	10.808	10.771	10.838	VV	2533	50024	0.60%	0.025%
232	10.861	10.838	10.895	VV	3287	61411	0.74%	0.031%
233	10.911	10.895	10.930	VV	2224	32848	0.40%	0.017%
234	10.958	10.930	10.968	VV	2394	37998	0.46%	0.019%
235	10.977	10.968	10.994	VV	2213	25695	0.31%	0.013%
236	11.015	10.994	11.052	VV	2653	56185	0.68%	0.028%
237	11.059	11.052	11.065	VV	615	4589	0.06%	0.002%
238	11.088	11.065	11.125	VV	1008	23798	0.29%	0.012%
239	11.137	11.125	11.147	VV	173	1622	0.02%	0.001%
240	11.152	11.147	11.161	VV	148	840	0.01%	0.000%
241	11.181	11.161	11.190	PV	1014	9841	0.12%	0.005%
242	11.213	11.190	11.260	VV	23785	308403	3.72%	0.155%
243	11.288	11.260	11.326	VV	12610	152437	1.84%	0.077%
244	11.337	11.326	11.360	VV	805	12733	0.15%	0.006%
245	11.387	11.360	11.411	VV	790	13974	0.17%	0.007%
246	11.416	11.411	11.427	VV	227	1566	0.02%	0.001%

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247	11.435	11.427	11.448	VV	160	1479	0.02%	0.001%
248	11.468	11.448	11.484	VV	1114	12902	0.16%	0.007%
249	11.505	11.484	11.510	VV	1430	13661	0.16%	0.007%
250	11.522	11.510	11.546	VV	1656	22447	0.27%	0.011%
251	11.580	11.546	11.585	PV	992	15549	0.19%	0.008%
252	11.606	11.585	11.616	VV	1315	21804	0.26%	0.011%
253	11.665	11.616	11.695	VV	212796	2483405	29.97%	1.252%
254	11.710	11.695	11.720	VV	2084	26676	0.32%	0.013%
255	11.744	11.720	11.788	VV	3255	73900	0.89%	0.037%
256	11.818	11.788	11.836	PV	1779	27846	0.34%	0.014%
257	11.867	11.836	11.892	VV	1986	45808	0.55%	0.023%
258	11.918	11.892	11.940	VV	3581	51650	0.62%	0.026%
259	11.954	11.940	11.958	VV	649	6579	0.08%	0.003%
260	11.974	11.958	11.993	VV	756	11601	0.14%	0.006%
261	12.020	11.993	12.035	VV	8513	94098	1.14%	0.047%
262	12.051	12.035	12.073	VV	8633	99643	1.20%	0.050%
263	12.079	12.073	12.096	VV	670	7212	0.09%	0.004%
264	12.135	12.096	12.152	VV	9347	162788	1.96%	0.082%
265	12.168	12.152	12.183	VV	7870	89292	1.08%	0.045%
266	12.199	12.183	12.235	VV	9128	116160	1.40%	0.059%
267	12.243	12.235	12.247	VV	129	757	0.01%	0.000%
268	12.274	12.247	12.296	PV	1238	18480	0.22%	0.009%
269	12.338	12.296	12.363	VV	2463	59644	0.72%	0.030%
270	12.380	12.363	12.396	VV	2241	31124	0.38%	0.016%
271	12.426	12.396	12.460	VV	3243	69031	0.83%	0.035%
272	12.492	12.460	12.511	VV	5007	64352	0.78%	0.032%
273	12.526	12.511	12.536	VV	1239	15178	0.18%	0.008%
274	12.586	12.536	12.625	VV	85896	1104121	13.32%	0.557%
275	12.638	12.625	12.658	VV	2482	41526	0.50%	0.021%
276	12.669	12.658	12.687	VV	1737	22434	0.27%	0.011%
277	12.709	12.687	12.715	VV	1173	16898	0.20%	0.009%
278	12.723	12.715	12.729	VV	1271	10355	0.12%	0.005%
279	12.745	12.729	12.760	VV	2083	29348	0.35%	0.015%
280	12.768	12.760	12.781	VV	1463	14916	0.18%	0.008%
281	12.811	12.781	12.852	VV	3701	77332	0.93%	0.039%
282	12.874	12.852	12.903	VV	4005	66936	0.81%	0.034%
283	12.923	12.903	12.941	VV	11494	146729	1.77%	0.074%
284	12.979	12.941	13.016	VV	218593	2542313	30.68%	1.282%
285	13.039	13.016	13.082	VV	52743	608809	7.35%	0.307%
286	13.099	13.082	13.120	VV	467	5271	0.06%	0.003%
287	13.140	13.120	13.153	PV	1034	12274	0.15%	0.006%
288	13.176	13.153	13.191	VV	7053	88866	1.07%	0.045%
289	13.208	13.191	13.215	VV	3752	45742	0.55%	0.023%
290	13.228	13.215	13.243	VV	3778	53759	0.65%	0.027%
291	13.248	13.243	13.263	VV	2342	25575	0.31%	0.013%
292	13.281	13.263	13.313	VV	4512	64427	0.78%	0.032%
293	13.339	13.313	13.363	VV	56631	629112	7.59%	0.317%
294	13.395	13.363	13.412	VV	4586	78653	0.95%	0.040%
295	13.429	13.412	13.456	VV	4134	53923	0.65%	0.027%
296	13.475	13.456	13.485	VV	1069	12454	0.15%	0.006%
297	13.488	13.485	13.495	VV	993	5932	0.07%	0.003%
298	13.513	13.495	13.525	VV	2130	27622	0.33%	0.014%
299	13.542	13.525	13.563	VV	1588	23651	0.29%	0.012%

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300	13.604	13.563	13.631	PV	8827	143351	1.73%	0.072%
301	13.656	13.631	13.710	VV	4640	140738	1.70%	0.071%
302	13.736	13.710	13.753	VV	2703	39858	0.48%	0.020%
303	13.768	13.753	13.779	VV	2504	30677	0.37%	0.015%
304	13.818	13.779	13.867	VV	31463	478181	5.77%	0.241%
305	13.874	13.867	13.882	VV	1070	8203	0.10%	0.004%
306	13.930	13.882	13.966	VV	15279	251146	3.03%	0.127%
307	13.972	13.966	13.975	VV	528	2145	0.03%	0.001%
308	13.999	13.975	14.013	VV	1683	24616	0.30%	0.012%
309	14.038	14.013	14.059	VV	8389	112630	1.36%	0.057%
310	14.078	14.059	14.098	VV	8738	100892	1.22%	0.051%
311	14.122	14.098	14.145	VV	2792	57898	0.70%	0.029%
312	14.182	14.145	14.229	VV	196882	2508160	30.26%	1.264%
313	14.248	14.229	14.271	VV	7208	88583	1.07%	0.045%
314	14.290	14.271	14.300	VV	1065	10774	0.13%	0.005%
315	14.322	14.300	14.342	VV	1140	16271	0.20%	0.008%
316	14.357	14.342	14.372	VV	582	5687	0.07%	0.003%
317	14.409	14.372	14.456	PV	1891	41125	0.50%	0.021%
318	14.463	14.456	14.467	VV	299	1566	0.02%	0.001%
319	14.481	14.467	14.498	VV	370	4261	0.05%	0.002%
320	14.514	14.498	14.520	PV	1039	7136	0.09%	0.004%
321	14.523	14.520	14.529	VV	753	3385	0.04%	0.002%
322	14.569	14.529	14.591	VV	2656	51804	0.63%	0.026%
323	14.638	14.591	14.651	VV	3918	92894	1.12%	0.047%
324	14.665	14.651	14.682	VV	5097	64912	0.78%	0.033%
325	14.693	14.682	14.712	VV	2336	30277	0.37%	0.015%
326	14.745	14.712	14.761	VV	6216	98421	1.19%	0.050%
327	14.773	14.761	14.808	VV	4437	87665	1.06%	0.044%
328	14.812	14.808	14.821	VV	2092	13455	0.16%	0.007%
329	14.848	14.821	14.866	VV	6742	114909	1.39%	0.058%
330	14.875	14.866	14.889	VV	3989	46698	0.56%	0.024%
331	14.911	14.889	14.932	VV	10887	144911	1.75%	0.073%
332	14.967	14.932	14.990	VV	6832	129219	1.56%	0.065%
333	15.003	14.990	15.015	VV	1764	22559	0.27%	0.011%
334	15.034	15.015	15.052	VV	3179	45416	0.55%	0.023%
335	15.083	15.052	15.116	VV	80842	1105725	13.34%	0.557%
336	15.121	15.116	15.129	VV	1526	9875	0.12%	0.005%
337	15.136	15.129	15.156	VV	1099	10650	0.13%	0.005%
338	15.176	15.156	15.194	PV	6083	73687	0.89%	0.037%
339	15.222	15.194	15.242	VV	30045	382002	4.61%	0.193%
340	15.288	15.242	15.320	VV	182310	2666235	32.17%	1.344%
341	15.330	15.320	15.337	VV	1790	14244	0.17%	0.007%
342	15.341	15.337	15.349	VV	1354	8860	0.11%	0.004%
343	15.383	15.349	15.411	VV	8137	144970	1.75%	0.073%
344	15.430	15.411	15.443	VV	2938	45132	0.54%	0.023%
345	15.468	15.443	15.491	VV	1809	29455	0.36%	0.015%
346	15.534	15.491	15.556	PV	4115	78234	0.94%	0.039%
347	15.582	15.556	15.602	VV	2051	44345	0.54%	0.022%
348	15.625	15.602	15.636	VV	1343	21399	0.26%	0.011%
349	15.664	15.636	15.708	VV	37522	582719	7.03%	0.294%
350	15.714	15.708	15.756	VV	3002	48951	0.59%	0.025%
351	15.814	15.756	15.839	VV	5705	134334	1.62%	0.068%

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352	15.857	15.839	15.876	VV	5142	80595	0.97%	0.041%
353	15.898	15.876	15.919	VV	13629	185853	2.24%	0.094%
354	15.937	15.919	15.966	VV	6189	94326	1.14%	0.048%
355	15.982	15.966	15.991	VV	2839	29526	0.36%	0.015%
356	16.063	15.991	16.098	VV	8886	316026	3.81%	0.159%
357	16.112	16.098	16.116	VV	1923	18405	0.22%	0.009%
358	16.134	16.116	16.168	VV	3378	56644	0.68%	0.029%
359	16.183	16.168	16.212	PV	1917	31442	0.38%	0.016%
360	16.233	16.212	16.244	VV	1551	20628	0.25%	0.010%
361	16.263	16.244	16.278	VV	2147	27348	0.33%	0.014%
362	16.313	16.278	16.360	VV	178922	2331343	28.13%	1.175%
363	16.372	16.360	16.387	VV	2846	28386	0.34%	0.014%
364	16.408	16.387	16.420	VV	2540	34706	0.42%	0.017%
365	16.425	16.420	16.446	VV	1741	14996	0.18%	0.008%
366	16.507	16.446	16.529	PV	5212	119365	1.44%	0.060%
367	16.610	16.529	16.633	VV	7185	246492	2.97%	0.124%
368	16.640	16.633	16.644	VV	3766	23321	0.28%	0.012%
369	16.653	16.644	16.660	VV	4360	35885	0.43%	0.018%
370	16.689	16.660	16.699	VV	9785	170719	2.06%	0.086%
371	16.704	16.699	16.736	VV	8537	89549	1.08%	0.045%
372	16.788	16.736	16.808	VV	35057	581466	7.02%	0.293%
373	16.814	16.808	16.838	VV	13035	136674	1.65%	0.069%
374	16.868	16.838	16.875	VV	2316	35145	0.42%	0.018%
375	16.917	16.875	16.940	VV	10888	175170	2.11%	0.088%
376	16.971	16.940	16.985	VV	3578	62288	0.75%	0.031%
377	17.008	16.985	17.028	VV	3817	49938	0.60%	0.025%
378	17.107	17.028	17.136	PV	23335	403611	4.87%	0.203%
379	17.166	17.136	17.208	VV	28545	368441	4.45%	0.186%
380	17.265	17.208	17.316	PV	181476	2600519	31.38%	1.311%
381	17.318	17.316	17.328	VV	6588	41241	0.50%	0.021%
382	17.332	17.328	17.343	VV	6125	43069	0.52%	0.022%
383	17.421	17.343	17.440	VV	5389	243356	2.94%	0.123%
384	17.473	17.440	17.486	VV	3895	82139	0.99%	0.041%
385	17.527	17.486	17.540	VV	7026	175035	2.11%	0.088%
386	17.548	17.540	17.557	VV	4472	38414	0.46%	0.019%
387	17.580	17.557	17.597	VV	4585	81555	0.98%	0.041%
388	17.603	17.597	17.613	VV	2766	20217	0.24%	0.010%
389	17.632	17.613	17.644	PV	4060	45901	0.55%	0.023%
390	17.667	17.644	17.672	VV	7045	76189	0.92%	0.038%
391	17.694	17.672	17.726	VV	11089	232666	2.81%	0.117%
392	17.752	17.726	17.774	VV	6033	113204	1.37%	0.057%
393	17.800	17.774	17.810	VV	5095	75509	0.91%	0.038%
394	17.836	17.810	17.858	VV	14928	235003	2.84%	0.118%
395	17.893	17.858	17.908	VV	6358	130041	1.57%	0.066%
396	17.919	17.908	17.928	VV	4930	44702	0.54%	0.023%
397	17.941	17.928	17.953	VV	4480	44602	0.54%	0.022%
398	17.960	17.953	17.971	VV	3847	25525	0.31%	0.013%
399	17.978	17.971	17.993	PV	2336	19138	0.23%	0.010%
400	17.999	17.993	18.002	VV	1714	6333	0.08%	0.003%
401	18.020	18.002	18.029	VV	4676	43439	0.52%	0.022%
402	18.065	18.029	18.083	VV	8872	172616	2.08%	0.087%
403	18.108	18.083	18.123	VV	11160	188752	2.28%	0.095%
404	18.154	18.123	18.193	VV	177659	2565125	30.95%	1.293%

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405	18.208	18.193	18.223	VV	10039	138788	1.67%	0.070%
406	18.245	18.223	18.253	VV	6768	103785	1.25%	0.052%
407	18.307	18.253	18.323	VV	24642	594368	7.17%	0.300%
408	18.333	18.323	18.375	VV	18668	387579	4.68%	0.195%
409	18.396	18.375	18.431	VV	10048	219853	2.65%	0.111%
410	18.453	18.431	18.467	VV	12587	205119	2.48%	0.103%
411	18.481	18.467	18.489	VV	13939	148179	1.79%	0.075%
412	18.513	18.489	18.528	VV	36194	626167	7.56%	0.316%
413	18.538	18.528	18.567	VV	31812	553368	6.68%	0.279%
414	18.580	18.567	18.598	VV	17194	258073	3.11%	0.130%
415	18.617	18.598	18.620	VV	15004	158902	1.92%	0.080%
416	18.643	18.620	18.656	VV	19928	370901	4.48%	0.187%
417	18.675	18.656	18.701	VV	43534	793018	9.57%	0.400%
418	18.707	18.701	18.718	VV	22299	204167	2.46%	0.103%
419	18.724	18.718	18.730	VV	18500	124247	1.50%	0.063%
420	18.743	18.730	18.756	VV	18714	247555	2.99%	0.125%
421	18.765	18.756	18.773	VV	15113	133655	1.61%	0.067%
422	18.796	18.773	18.819	VV	28273	533230	6.43%	0.269%
423	18.829	18.819	18.836	VV	18516	168294	2.03%	0.085%
424	18.845	18.836	18.861	VV	21084	268710	3.24%	0.135%
425	18.873	18.861	18.882	VV	18090	214203	2.58%	0.108%
426	18.889	18.882	18.895	VV	20074	141972	1.71%	0.072%
427	18.901	18.895	18.917	VV	21612	260445	3.14%	0.131%
428	18.931	18.917	18.942	VV	27376	325114	3.92%	0.164%
429	18.989	18.942	19.024	VV	191158	3246078	39.17%	1.636%
430	19.030	19.024	19.038	VV	16312	119078	1.44%	0.060%
431	19.066	19.038	19.078	VV	23776	485726	5.86%	0.245%
432	19.098	19.078	19.122	VV	39617	770020	9.29%	0.388%
433	19.150	19.122	19.171	VV	37748	897624	10.83%	0.453%
434	19.176	19.171	19.181	VV	26518	154201	1.86%	0.078%
435	19.188	19.181	19.193	VV	25085	169214	2.04%	0.085%
436	19.201	19.193	19.208	VV	25976	213774	2.58%	0.108%
437	19.215	19.208	19.219	VV	27244	171044	2.06%	0.086%
438	19.251	19.219	19.257	VV	36919	750831	9.06%	0.379%
439	19.262	19.257	19.279	VV	37226	448100	5.41%	0.226%
440	19.297	19.279	19.305	VV	33975	476061	5.74%	0.240%
441	19.341	19.305	19.365	VV	52838	1512458	18.25%	0.762%
442	19.391	19.365	19.403	VV	54768	1060588	12.80%	0.535%
443	19.435	19.403	19.452	VV	46311	1186863	14.32%	0.598%
444	19.478	19.452	19.483	VV	50170	750075	9.05%	0.378%
445	19.493	19.483	19.513	VV	54553	915027	11.04%	0.461%
446	19.523	19.513	19.530	VV	49073	468917	5.66%	0.236%
447	19.535	19.530	19.553	VV	42139	550483	6.64%	0.278%
448	19.561	19.553	19.569	VV	40424	366634	4.42%	0.185%
449	19.585	19.569	19.591	VV	49022	582316	7.03%	0.294%
450	19.596	19.591	19.603	VV	48312	327638	3.95%	0.165%
451	19.621	19.603	19.629	VV	48404	673208	8.12%	0.339%
452	19.637	19.629	19.643	VV	47780	381943	4.61%	0.193%
453	19.650	19.643	19.668	VV	54841	753792	9.10%	0.380%
454	19.676	19.668	19.688	VV	55037	594806	7.18%	0.300%
455	19.696	19.688	19.701	VV	56798	416947	5.03%	0.210%
456	19.706	19.701	19.726	VV	56957	803097	9.69%	0.405%

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457	19.775	19.726	19.800	VV	202787	4505448	54.36%	2.271%
458	19.807	19.800	19.827	VV	66199	953396	11.50%	0.481%
459	19.841	19.827	19.847	VV	59070	673143	8.12%	0.339%
460	19.857	19.847	19.863	VV	55964	498644	6.02%	0.251%
461	19.894	19.863	19.919	VV	64897	1923432	23.21%	0.970%
462	19.958	19.919	19.963	VV	73432	1699857	20.51%	0.857%
463	19.992	19.963	20.007	VV	80734	2010063	24.25%	1.013%
464	20.026	20.007	20.035	VV	81086	1245072	15.02%	0.628%
465	20.040	20.035	20.061	VV	77516	1179202	14.23%	0.594%
466	20.081	20.061	20.094	VV	81491	1469119	17.73%	0.741%
467	20.102	20.094	20.112	VV	76702	828425	10.00%	0.418%
468	20.134	20.112	20.140	VV	87506	1325572	15.99%	0.668%
469	20.150	20.140	20.179	VV	87319	1811098	21.85%	0.913%
470	20.187	20.179	20.192	VV	80047	575579	6.95%	0.290%
471	20.207	20.192	20.230	VV	85922	1862633	22.48%	0.939%
472	20.254	20.230	20.260	VV	95489	1560026	18.82%	0.786%
473	20.273	20.260	20.284	VV	90767	1287790	15.54%	0.649%
474	20.291	20.284	20.314	VV	95152	1589181	19.18%	0.801%
475	20.343	20.314	20.355	VV	104301	2389526	28.83%	1.205%
476	20.364	20.355	20.371	VV	93198	851928	10.28%	0.429%
477	20.383	20.371	20.389	VV	95092	991188	11.96%	0.500%
478	20.409	20.389	20.415	VV	94725	1432372	17.28%	0.722%
479	20.437	20.415	20.444	VV	114124	1880763	22.69%	0.948%
480	20.449	20.444	20.458	VV	112409	867293	10.47%	0.437%
481	20.484	20.458	20.489	VV	115940	2055972	24.81%	1.037%
482	20.518	20.489	20.575	VV	265308	7615665	91.89%	3.839%
483	20.597	20.575	20.617	VV	109689	2645450	31.92%	1.334%
484	20.628	20.617	20.650	VV	107262	2046584	24.69%	1.032%
485	20.689	20.650	20.696	VV	132015	3200116	38.61%	1.613%
486	20.708	20.696	20.723	VV	137782	2182450	26.33%	1.100%
487	20.730	20.723	20.737	VV	134869	1135806	13.71%	0.573%
488	20.745	20.737	20.769	VV	142169	2608491	31.48%	1.315%
489	20.780	20.769	20.793	VV	142808	1904883	22.99%	0.960%
490	20.800	20.793	20.820	VV	125495	1900156	22.93%	0.958%
491	20.826	20.820	20.855	VV	109676	2240790	27.04%	1.130%
492	20.860	20.855	20.872	VV	101106	997586	12.04%	0.503%
493	20.876	20.872	20.880	VV	100337	483916	5.84%	0.244%
494	20.884	20.880	20.893	VV	101501	743549	8.97%	0.375%
495	20.918	20.893	20.922	VV	100705	1673094	20.19%	0.843%
496	20.929	20.922	20.933	VV	110115	659348	7.96%	0.332%
497	20.941	20.933	20.950	VV	108064	1079656	13.03%	0.544%
498	20.954	20.950	20.959	VV	106799	629500	7.60%	0.317%
499	21.017	20.959	21.023	VV	131395	4529078	54.65%	2.283%
500	21.028	21.023	21.039	VV	125599	1105988	13.35%	0.558%
501	21.046	21.039	21.056	VV	117330	1169628	14.11%	0.590%
502	21.062	21.056	21.069	VV	111538	852917	10.29%	0.430%
503	21.075	21.069	21.081	VV	105602	739834	8.93%	0.373%
504	21.088	21.081	21.108	VV	100246	1540780	18.59%	0.777%
505	21.128	21.108	21.157	VV	103159	2751553	33.20%	1.387%
506	21.163	21.157	21.169	VV	82742	571392	6.89%	0.288%
507	21.177	21.169	21.182	VV	86011	664381	8.02%	0.335%
508	21.193	21.182	21.204	VV	88117	1110222	13.40%	0.560%
509	21.209	21.204	21.221	VV	86412	836402	10.09%	0.422%

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510	21.228	21.221	21.238	VV	84167	798809	9.64%	0.403%
511	21.281	21.238	21.351	VV	209656	8287469	100.00%	4.178%
512	21.357	21.351	21.379	VV	93368	1408092	16.99%	0.710%
513	21.383	21.379	21.425	VV	79553	1898599	22.91%	0.957%
514	21.439	21.425	21.446	VV	67814	835333	10.08%	0.421%
515	21.457	21.446	21.470	VV	62431	841134	10.15%	0.424%
516	21.492	21.470	21.496	VV	67073	901003	10.87%	0.454%
517	21.500	21.496	21.505	VV	65832	326010	3.93%	0.164%
518	21.517	21.505	21.521	VV	71394	667324	8.05%	0.336%
519	21.539	21.521	21.557	VV	77034	1598624	19.29%	0.806%
520	21.569	21.557	21.575	VV	78998	798080	9.63%	0.402%
521	21.593	21.575	21.611	VV	85165	1698592	20.50%	0.856%
522	21.621	21.611	21.628	VV	86416	869021	10.49%	0.438%
523	21.635	21.628	21.651	VV	83200	1042038	12.57%	0.525%
524	21.656	21.651	21.670	VV	70171	751223	9.06%	0.379%
525	21.675	21.670	21.684	VV	62943	514132	6.20%	0.259%
526	21.689	21.684	21.741	VV	61458	1655517	19.98%	0.835%
527	21.749	21.741	21.762	VV	38749	436552	5.27%	0.220%
528	21.775	21.762	21.801	VV	37788	795406	9.60%	0.401%
529	21.822	21.801	21.826	VV	41966	566008	6.83%	0.285%
530	21.833	21.826	21.839	VV	43169	318770	3.85%	0.161%
531	21.855	21.839	21.860	VV	49660	568948	6.87%	0.287%
532	21.865	21.860	21.870	VV	47618	265636	3.21%	0.134%
533	21.877	21.870	21.891	VV	50129	578872	6.98%	0.292%
534	21.898	21.891	21.906	VV	49198	418405	5.05%	0.211%
535	21.919	21.906	21.931	VV	52279	724088	8.74%	0.365%
536	21.939	21.931	21.943	VV	54183	371833	4.49%	0.187%
537	21.957	21.943	21.961	VV	61027	590577	7.13%	0.298%
538	21.970	21.961	21.985	VV	67465	920331	11.11%	0.464%
539	21.995	21.985	22.005	VV	59691	709705	8.56%	0.358%
540	22.010	22.005	22.079	VV	60827	1716177	20.71%	0.865%
541	22.092	22.079	22.113	VV	18308	256100	3.09%	0.129%
542	22.118	22.113	22.128	VV	8000	49008	0.59%	0.025%
543	22.138	22.128	22.151	VV	11111	105012	1.27%	0.053%
544	22.156	22.151	22.166	VV	7300	44312	0.53%	0.022%
545	22.246	22.166	22.281	PV	103646	2675349	32.28%	1.349%

Sum of corrected areas: 198355413

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