

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623\
Data File : FG013021.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2023 19:25
Sample : 04769-01
Misc :
ALS Vial : 17 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	1.907	1.900	1.945	BV	297	1740	0.03%	0.001%
2	1.962	1.945	2.001	PV	452	6614	0.12%	0.004%
3	2.008	2.001	2.015	VV	69	395	0.01%	0.000%
4	2.028	2.015	2.057	VV	205	3191	0.06%	0.002%
5	2.058	2.057	2.075	VV	93	686	0.01%	0.000%
6	2.079	2.075	2.098	VV	98	973	0.02%	0.001%
7	2.107	2.098	2.115	VV	143	1076	0.02%	0.001%
8	2.123	2.115	2.128	VV	164	962	0.02%	0.001%
9	2.152	2.128	2.170	VV	214	3640	0.07%	0.002%
10	2.178	2.170	2.186	VV	115	859	0.02%	0.000%
11	2.191	2.186	2.205	PV	108	687	0.01%	0.000%
12	2.211	2.205	2.229	VV	92	903	0.02%	0.001%
13	2.234	2.229	2.241	PV	75	431	0.01%	0.000%
14	2.250	2.241	2.257	VV	128	853	0.02%	0.000%
15	2.288	2.257	2.323	VV	738	11334	0.20%	0.007%
16	2.328	2.323	2.335	VV	149	794	0.01%	0.000%
17	2.360	2.335	2.414	VV	3785	47640	0.86%	0.028%
18	2.433	2.414	2.461	VV	364	6761	0.12%	0.004%
19	2.472	2.461	2.478	VV	155	1324	0.02%	0.001%
20	2.485	2.478	2.503	VV	173	1801	0.03%	0.001%
21	2.524	2.503	2.530	VV	126	1689	0.03%	0.001%
22	2.535	2.530	2.553	VV	136	1334	0.02%	0.001%
23	2.565	2.553	2.580	PV	119	1379	0.02%	0.001%
24	2.584	2.580	2.593	VV	105	639	0.01%	0.000%
25	2.597	2.593	2.603	VV	107	581	0.01%	0.000%
26	2.619	2.603	2.636	VV	122	1635	0.03%	0.001%
27	2.652	2.636	2.667	VV	166	2096	0.04%	0.001%
28	2.672	2.667	2.683	VV	119	864	0.02%	0.001%
29	2.688	2.683	2.694	VV	121	629	0.01%	0.000%
30	2.698	2.694	2.726	VV	171	2104	0.04%	0.001%
31	2.730	2.726	2.740	VV	94	539	0.01%	0.000%
32	2.773	2.740	2.819	VV	326	7559	0.14%	0.004%
33	2.847	2.819	2.871	VV	205	3548	0.06%	0.002%
34	2.890	2.871	2.894	VV	151	1759	0.03%	0.001%
35	2.907	2.894	2.911	VV	219	1871	0.03%	0.001%
36	2.921	2.911	2.942	VV	229	3052	0.06%	0.002%

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37	2.968	2.942	2.997	VV	388	7973	0.14%	0.005%
38	3.000	2.997	3.007	VV	213	1018	0.02%	0.001%
39	3.030	3.007	3.058	VV	367	7010	0.13%	0.004%
40	3.079	3.058	3.117	VV	375	7407	0.13%	0.004%
41	3.121	3.117	3.134	VV	181	1346	0.02%	0.001%
42	3.139	3.134	3.151	VV	138	895	0.02%	0.001%
43	3.154	3.151	3.166	VV	115	602	0.01%	0.000%
44	3.173	3.166	3.186	VV	86	802	0.01%	0.000%
45	3.203	3.186	3.246	VV	878	12465	0.22%	0.007%
46	3.261	3.246	3.286	VV	189	2756	0.05%	0.002%
47	3.311	3.286	3.320	VV	156	2056	0.04%	0.001%
48	3.341	3.320	3.347	VV	196	1697	0.03%	0.001%
49	3.351	3.347	3.358	VV	176	1027	0.02%	0.001%
50	3.364	3.358	3.378	VV	183	1651	0.03%	0.001%
51	3.382	3.378	3.387	VV	123	452	0.01%	0.000%
52	3.414	3.387	3.453	VV	408	9759	0.18%	0.006%
53	3.464	3.453	3.468	VV	224	1771	0.03%	0.001%
54	3.472	3.468	3.485	VV	231	1913	0.03%	0.001%
55	3.490	3.485	3.495	VV	244	1163	0.02%	0.001%
56	3.503	3.495	3.511	VV	221	1878	0.03%	0.001%
57	3.522	3.511	3.527	VV	240	1993	0.04%	0.001%
58	3.541	3.527	3.545	VV	276	2495	0.05%	0.001%
59	3.585	3.545	3.610	VV	380	11559	0.21%	0.007%
60	3.613	3.610	3.617	VV	302	1088	0.02%	0.001%
61	3.627	3.617	3.640	VV	370	4651	0.08%	0.003%
62	3.659	3.640	3.678	VV	466	9580	0.17%	0.006%
63	3.691	3.678	3.695	VV	588	5170	0.09%	0.003%
64	3.699	3.695	3.710	VV	557	4701	0.08%	0.003%
65	3.714	3.710	3.768	VV	549	12101	0.22%	0.007%
66	3.775	3.768	3.780	VV	195	1273	0.02%	0.001%
67	3.794	3.780	3.819	VV	386	6446	0.12%	0.004%
68	3.830	3.819	3.841	VV	264	2678	0.05%	0.002%
69	3.853	3.841	3.860	VV	208	1870	0.03%	0.001%
70	3.873	3.860	3.884	VV	198	2005	0.04%	0.001%
71	3.893	3.884	3.911	VV	173	1924	0.03%	0.001%
72	3.915	3.911	3.921	VV	96	546	0.01%	0.000%
73	3.933	3.921	3.946	VV	228	2444	0.04%	0.001%
74	3.949	3.946	3.971	VV	165	1753	0.03%	0.001%
75	3.983	3.971	3.999	VV	217	2108	0.04%	0.001%
76	4.007	3.999	4.012	VV	100	652	0.01%	0.000%
77	4.019	4.012	4.023	VV	141	655	0.01%	0.000%
78	4.033	4.023	4.041	VV	209	1839	0.03%	0.001%
79	4.053	4.041	4.099	VV	272	5505	0.10%	0.003%
80	4.139	4.099	4.181	PV	3004	37950	0.68%	0.022%
81	4.199	4.181	4.224	VV	1580	20723	0.37%	0.012%
82	4.242	4.224	4.277	VV	473	9477	0.17%	0.005%
83	4.281	4.277	4.288	VV	136	700	0.01%	0.000%
84	4.312	4.288	4.356	VV	11864	145969	2.63%	0.085%
85	4.364	4.356	4.394	VV	935	14568	0.26%	0.008%
86	4.398	4.394	4.405	VV	316	1966	0.04%	0.001%
87	4.410	4.405	4.414	VV	353	1785	0.03%	0.001%
88	4.428	4.414	4.450	VV	438	6572	0.12%	0.004%
89	4.460	4.450	4.464	VV	194	1275	0.02%	0.001%

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90	4.472	4.464	4.478	VV	223	1643	0.03%	0.001%
91	4.482	4.478	4.486	VV	234	969	0.02%	0.001%
92	4.496	4.486	4.512	VV	274	3625	0.07%	0.002%
93	4.521	4.512	4.527	VV	234	1722	0.03%	0.001%
94	4.543	4.527	4.567	VV	312	5540	0.10%	0.003%
95	4.579	4.567	4.586	VV	400	3713	0.07%	0.002%
96	4.601	4.586	4.621	VV	903	11082	0.20%	0.006%
97	4.640	4.621	4.662	VV	413	6235	0.11%	0.004%
98	4.680	4.662	4.698	VV	332	5239	0.09%	0.003%
99	4.711	4.698	4.742	VV	211	3616	0.07%	0.002%
100	4.767	4.742	4.802	VV	3225	36985	0.67%	0.021%
101	4.816	4.802	4.826	VV	387	4554	0.08%	0.003%
102	4.834	4.826	4.868	VV	336	6349	0.11%	0.004%
103	4.886	4.868	4.899	VV	425	5060	0.09%	0.003%
104	4.912	4.899	4.930	VV	375	4800	0.09%	0.003%
105	4.948	4.930	4.955	VV	383	4603	0.08%	0.003%
106	4.967	4.955	4.995	VV	547	8751	0.16%	0.005%
107	5.015	4.995	5.035	VV	461	7404	0.13%	0.004%
108	5.046	5.035	5.087	VV	486	9634	0.17%	0.006%
109	5.116	5.087	5.137	VV	1060	16321	0.29%	0.009%
110	5.141	5.137	5.159	VV	239	2541	0.05%	0.001%
111	5.183	5.159	5.196	VV	381	6129	0.11%	0.004%
112	5.216	5.196	5.232	VV	517	8279	0.15%	0.005%
113	5.243	5.232	5.253	VV	636	7284	0.13%	0.004%
114	5.259	5.253	5.268	VV	613	4775	0.09%	0.003%
115	5.283	5.268	5.298	VV	476	7219	0.13%	0.004%
116	5.310	5.298	5.339	VV	779	10014	0.18%	0.006%
117	5.356	5.339	5.375	VV	465	6805	0.12%	0.004%
118	5.389	5.375	5.401	VV	592	6571	0.12%	0.004%
119	5.416	5.401	5.439	VV	671	10072	0.18%	0.006%
120	5.442	5.439	5.463	VV	217	1857	0.03%	0.001%
121	5.476	5.463	5.499	VV	158	1997	0.04%	0.001%
122	5.545	5.499	5.569	PV	1151	18756	0.34%	0.011%
123	5.586	5.569	5.601	VV	645	8129	0.15%	0.005%
124	5.618	5.601	5.635	VV	729	9453	0.17%	0.005%
125	5.644	5.635	5.661	VV	284	3164	0.06%	0.002%
126	5.681	5.661	5.698	VV	472	6558	0.12%	0.004%
127	5.712	5.698	5.725	VV	287	2855	0.05%	0.002%
128	5.757	5.725	5.783	VV	2206	33978	0.61%	0.020%
129	5.811	5.783	5.833	VV	983	12536	0.23%	0.007%
130	5.848	5.833	5.892	VV	662	12537	0.23%	0.007%
131	5.896	5.892	5.905	VV	167	1218	0.02%	0.001%
132	5.927	5.905	5.957	VV	1670	21007	0.38%	0.012%
133	5.967	5.957	5.971	VV	338	2197	0.04%	0.001%
134	6.012	5.971	6.027	VV	772	15554	0.28%	0.009%
135	6.056	6.027	6.091	VV	636	15488	0.28%	0.009%
136	6.106	6.091	6.119	VV	260	3070	0.06%	0.002%
137	6.132	6.119	6.141	VV	678	5992	0.11%	0.003%
138	6.150	6.141	6.166	VV	590	7172	0.13%	0.004%
139	6.173	6.166	6.191	VV	408	4441	0.08%	0.003%
140	6.222	6.191	6.242	VV	588	10642	0.19%	0.006%
141	6.255	6.242	6.265	VV	624	5724	0.10%	0.003%

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142	6.274	6.265	6.296	VV	724	8382	0.15%	0.005%
143	6.318	6.296	6.338	VV	1520	20809	0.38%	0.012%
144	6.366	6.338	6.396	VV	1127	20024	0.36%	0.012%
145	6.420	6.396	6.442	VV	411	6387	0.12%	0.004%
146	6.465	6.442	6.471	VV	737	8259	0.15%	0.005%
147	6.485	6.471	6.531	VV	1619	34918	0.63%	0.020%
148	6.547	6.531	6.556	VV	622	7262	0.13%	0.004%
149	6.568	6.556	6.584	VV	619	8849	0.16%	0.005%
150	6.611	6.584	6.632	VV	1067	21233	0.38%	0.012%
151	6.651	6.632	6.657	VV	479	6277	0.11%	0.004%
152	6.668	6.657	6.679	VV	622	7096	0.13%	0.004%
153	6.698	6.679	6.715	VV	1015	16235	0.29%	0.009%
154	6.721	6.715	6.733	VV	492	4972	0.09%	0.003%
155	6.747	6.733	6.757	VV	664	7524	0.14%	0.004%
156	6.774	6.757	6.796	VV	1239	18117	0.33%	0.010%
157	6.808	6.796	6.844	VV	552	11408	0.21%	0.007%
158	6.865	6.844	6.875	VV	609	8199	0.15%	0.005%
159	6.889	6.875	6.894	VV	499	4849	0.09%	0.003%
160	6.907	6.894	6.913	VV	504	5045	0.09%	0.003%
161	6.930	6.913	6.938	VV	978	11180	0.20%	0.006%
162	6.948	6.938	6.960	VV	908	9806	0.18%	0.006%
163	6.974	6.960	6.993	VV	798	11974	0.22%	0.007%
164	7.004	6.993	7.013	VV	377	3618	0.07%	0.002%
165	7.053	7.013	7.077	VV	893	22483	0.41%	0.013%
166	7.119	7.077	7.137	VV	687	14411	0.26%	0.008%
167	7.142	7.137	7.154	VV	276	2162	0.04%	0.001%
168	7.185	7.154	7.208	VV	1328	20309	0.37%	0.012%
169	7.232	7.208	7.241	VV	517	8077	0.15%	0.005%
170	7.260	7.241	7.273	VV	1216	15655	0.28%	0.009%
171	7.290	7.273	7.294	VV	965	9868	0.18%	0.006%
172	7.308	7.294	7.331	VV	1223	19855	0.36%	0.011%
173	7.351	7.331	7.376	VV	1317	18997	0.34%	0.011%
174	7.415	7.376	7.432	VV	1284	25248	0.46%	0.015%
175	7.447	7.432	7.477	VV	1169	18809	0.34%	0.011%
176	7.497	7.477	7.538	VV	1518	28296	0.51%	0.016%
177	7.553	7.538	7.578	VV	834	14791	0.27%	0.009%
178	7.594	7.578	7.617	VV	1062	16926	0.31%	0.010%
179	7.627	7.617	7.647	VV	622	8729	0.16%	0.005%
180	7.679	7.647	7.684	VV	681	10848	0.20%	0.006%
181	7.706	7.684	7.711	VV	1568	17958	0.32%	0.010%
182	7.724	7.711	7.755	VV	2942	43336	0.78%	0.025%
183	7.774	7.755	7.780	VV	833	11591	0.21%	0.007%
184	7.784	7.780	7.795	VV	808	6715	0.12%	0.004%
185	7.799	7.795	7.831	VV	687	10945	0.20%	0.006%
186	7.845	7.831	7.851	VV	439	4613	0.08%	0.003%
187	7.855	7.851	7.866	VV	496	3880	0.07%	0.002%
188	7.870	7.866	7.876	VV	387	2092	0.04%	0.001%
189	7.901	7.876	7.940	VV	1448	31186	0.56%	0.018%
190	7.956	7.940	7.973	VV	715	9243	0.17%	0.005%
191	8.019	7.973	8.032	VV	746	14686	0.27%	0.009%
192	8.044	8.032	8.055	VV	639	7841	0.14%	0.005%
193	8.061	8.055	8.080	VV	551	6961	0.13%	0.004%
194	8.111	8.080	8.129	VV	770	15261	0.28%	0.009%

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195	8.160	8.129	8.177	VV	1341	25443	0.46%	0.015%
196	8.187	8.177	8.195	VV	1030	9936	0.18%	0.006%
197	8.209	8.195	8.228	VV	1079	16942	0.31%	0.010%
198	8.249	8.228	8.274	VV	921	17886	0.32%	0.010%
199	8.300	8.274	8.318	VV	1475	22469	0.41%	0.013%
200	8.337	8.318	8.353	VV	1654	24661	0.45%	0.014%
201	8.359	8.353	8.391	VV	1276	18492	0.33%	0.011%
202	8.427	8.391	8.458	VV	1933	38948	0.70%	0.023%
203	8.490	8.458	8.495	VV	1001	17356	0.31%	0.010%
204	8.501	8.495	8.511	VV	1070	9909	0.18%	0.006%
205	8.516	8.511	8.527	VV	1081	10380	0.19%	0.006%
206	8.535	8.527	8.547	VV	1168	11806	0.21%	0.007%
207	8.574	8.547	8.594	VV	10236	142665	2.57%	0.083%
208	8.608	8.594	8.642	VV	5390	76735	1.38%	0.044%
209	8.651	8.642	8.672	VV	985	14018	0.25%	0.008%
210	8.686	8.672	8.691	VV	867	8930	0.16%	0.005%
211	8.721	8.691	8.745	VV	2204	42583	0.77%	0.025%
212	8.763	8.745	8.787	VV	2011	36250	0.65%	0.021%
213	8.800	8.787	8.814	VV	936	12071	0.22%	0.007%
214	8.834	8.814	8.870	VV	1314	26138	0.47%	0.015%
215	8.883	8.870	8.893	VV	504	6344	0.11%	0.004%
216	8.905	8.893	8.923	VV	597	8426	0.15%	0.005%
217	8.939	8.923	8.951	VV	463	6115	0.11%	0.004%
218	8.973	8.951	8.995	VV	943	18043	0.33%	0.010%
219	9.010	8.995	9.028	VV	900	16001	0.29%	0.009%
220	9.070	9.028	9.092	VV	1505	43811	0.79%	0.025%
221	9.110	9.092	9.123	VV	1026	17028	0.31%	0.010%
222	9.146	9.123	9.184	VV	1877	38981	0.70%	0.023%
223	9.220	9.184	9.225	VV	987	18497	0.33%	0.011%
224	9.231	9.225	9.245	VV	1007	10608	0.19%	0.006%
225	9.261	9.245	9.285	VV	999	19129	0.35%	0.011%
226	9.297	9.285	9.317	VV	801	12871	0.23%	0.007%
227	9.355	9.317	9.395	VV	1286	40430	0.73%	0.023%
228	9.438	9.395	9.465	VV	2945	51052	0.92%	0.030%
229	9.473	9.465	9.503	VV	908	15600	0.28%	0.009%
230	9.533	9.503	9.553	VV	579	12345	0.22%	0.007%
231	9.591	9.553	9.608	VV	726	13140	0.24%	0.008%
232	9.623	9.608	9.634	VV	492	6106	0.11%	0.004%
233	9.645	9.634	9.660	VV	507	6304	0.11%	0.004%
234	9.675	9.660	9.710	VV	665	12848	0.23%	0.007%
235	9.728	9.710	9.745	VV	724	9914	0.18%	0.006%
236	9.763	9.745	9.797	VV	2696	41512	0.75%	0.024%
237	9.813	9.797	9.852	VV	1118	27223	0.49%	0.016%
238	9.855	9.852	9.871	VV	568	6194	0.11%	0.004%
239	9.891	9.871	9.924	VV	1048	22342	0.40%	0.013%
240	9.954	9.924	9.980	VV	654	15626	0.28%	0.009%
241	9.999	9.980	10.027	VV	728	13647	0.25%	0.008%
242	10.053	10.027	10.068	VV	624	11797	0.21%	0.007%
243	10.073	10.068	10.078	VV	408	2382	0.04%	0.001%
244	10.092	10.078	10.117	VV	672	10036	0.18%	0.006%
245	10.157	10.117	10.174	VV	1060	25003	0.45%	0.014%
246	10.189	10.174	10.203	VV	876	12788	0.23%	0.007%

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247	10.222	10.203	10.261	VV	2866	42641	0.77%	0.025%
248	10.264	10.261	10.275	VV	428	2854	0.05%	0.002%
249	10.282	10.275	10.295	VV	322	3482	0.06%	0.002%
250	10.303	10.295	10.308	VV	336	2174	0.04%	0.001%
251	10.312	10.308	10.317	VV	345	1795	0.03%	0.001%
252	10.329	10.317	10.354	VV	532	6782	0.12%	0.004%
253	10.357	10.354	10.373	VV	110	687	0.01%	0.000%
254	10.399	10.373	10.439	PV	385	7153	0.13%	0.004%
255	10.458	10.439	10.463	VV	123	1109	0.02%	0.001%
256	10.471	10.463	10.476	VV	127	727	0.01%	0.000%
257	10.501	10.476	10.508	VV	236	2798	0.05%	0.002%
258	10.518	10.508	10.535	VV	284	3402	0.06%	0.002%
259	10.564	10.535	10.593	VV	544	10407	0.19%	0.006%
260	10.613	10.593	10.635	VV	1338	19366	0.35%	0.011%
261	10.663	10.635	10.684	VV	994	20458	0.37%	0.012%
262	10.702	10.684	10.724	VV	789	11837	0.21%	0.007%
263	10.764	10.724	10.796	VV	738	17271	0.31%	0.010%
264	10.820	10.796	10.847	VV	461	10193	0.18%	0.006%
265	10.869	10.847	10.904	VV	986	22455	0.41%	0.013%
266	10.917	10.904	10.933	VV	980	11504	0.21%	0.007%
267	10.964	10.933	11.003	VV	2719	44307	0.80%	0.026%
268	11.037	11.003	11.058	VV	1633	30748	0.55%	0.018%
269	11.064	11.058	11.080	VV	796	7815	0.14%	0.005%
270	11.095	11.080	11.144	VV	590	11199	0.20%	0.006%
271	11.153	11.144	11.158	PV	103	519	0.01%	0.000%
272	11.188	11.158	11.202	VV	953	11773	0.21%	0.007%
273	11.225	11.202	11.269	VV	3827	74880	1.35%	0.043%
274	11.299	11.269	11.322	VV	2021	29456	0.53%	0.017%
275	11.358	11.322	11.373	VV	540	10797	0.19%	0.006%
276	11.389	11.373	11.403	VV	310	4061	0.07%	0.002%
277	11.419	11.403	11.432	VV	393	4364	0.08%	0.003%
278	11.436	11.432	11.439	VV	270	1027	0.02%	0.001%
279	11.443	11.439	11.457	VV	253	1506	0.03%	0.001%
280	11.473	11.457	11.490	VV	388	4117	0.07%	0.002%
281	11.529	11.490	11.556	VV	626	13635	0.25%	0.008%
282	11.606	11.556	11.616	PV	562	12241	0.22%	0.007%
283	11.641	11.616	11.650	VV	712	11977	0.22%	0.007%
284	11.671	11.650	11.716	VV	2669	48059	0.87%	0.028%
285	11.720	11.716	11.725	VV	447	2304	0.04%	0.001%
286	11.756	11.725	11.793	VV	1675	37370	0.67%	0.022%
287	11.825	11.793	11.846	PV	332	4688	0.08%	0.003%
288	11.868	11.846	11.896	VV	576	9447	0.17%	0.005%
289	11.926	11.896	11.958	VV	2146	33497	0.60%	0.019%
290	11.976	11.958	11.998	VV	561	9325	0.17%	0.005%
291	12.030	11.998	12.043	VV	1155	15005	0.27%	0.009%
292	12.062	12.043	12.079	VV	1576	18720	0.34%	0.011%
293	12.086	12.079	12.105	VV	436	4368	0.08%	0.003%
294	12.148	12.105	12.165	VV	1310	22606	0.41%	0.013%
295	12.179	12.165	12.195	VV	1537	17279	0.31%	0.010%
296	12.210	12.195	12.256	VV	1087	17786	0.32%	0.010%
297	12.281	12.256	12.306	PV	495	7605	0.14%	0.004%
298	12.342	12.306	12.372	VV	2627	48101	0.87%	0.028%
299	12.393	12.372	12.414	VV	6239	72928	1.32%	0.042%

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300	12.436	12.414	12.481	VV	2927	48072	0.87%	0.028%
301	12.505	12.481	12.523	VV	889	13193	0.24%	0.008%
302	12.535	12.523	12.544	VV	386	3450	0.06%	0.002%
303	12.594	12.544	12.661	VV	84297	1080874	19.50%	0.626%
304	12.676	12.661	12.695	VV	1367	19006	0.34%	0.011%
305	12.712	12.695	12.745	VV	1199	24209	0.44%	0.014%
306	12.751	12.745	12.764	VV	637	5993	0.11%	0.003%
307	12.774	12.764	12.793	VV	491	6988	0.13%	0.004%
308	12.795	12.793	12.802	VV	328	1410	0.03%	0.001%
309	12.833	12.802	12.863	VV	1105	23124	0.42%	0.013%
310	12.885	12.863	12.895	VV	1121	12849	0.23%	0.007%
311	12.899	12.895	12.914	VV	993	9654	0.17%	0.006%
312	12.934	12.914	12.954	VV	2215	35440	0.64%	0.021%
313	12.985	12.954	13.028	VV	3611	66851	1.21%	0.039%
314	13.050	13.028	13.092	VV	9881	120828	2.18%	0.070%
315	13.106	13.092	13.115	VV	803	8658	0.16%	0.005%
316	13.125	13.115	13.137	VV	652	7083	0.13%	0.004%
317	13.153	13.137	13.167	VV	507	6667	0.12%	0.004%
318	13.183	13.167	13.203	VV	884	13167	0.24%	0.008%
319	13.219	13.203	13.262	VV	1974	46708	0.84%	0.027%
320	13.266	13.262	13.270	VV	713	3408	0.06%	0.002%
321	13.291	13.270	13.325	VV	1116	22477	0.41%	0.013%
322	13.351	13.325	13.370	PV	9306	109143	1.97%	0.063%
323	13.383	13.370	13.394	VV	2374	28452	0.51%	0.016%
324	13.416	13.394	13.451	VV	15800	219032	3.95%	0.127%
325	13.473	13.451	13.496	VV	10674	135310	2.44%	0.078%
326	13.513	13.496	13.529	VV	1138	18359	0.33%	0.011%
327	13.539	13.529	13.568	VV	1085	15344	0.28%	0.009%
328	13.612	13.568	13.635	PV	10257	157582	2.84%	0.091%
329	13.663	13.635	13.729	VV	9615	235231	4.24%	0.136%
330	13.746	13.729	13.755	VV	1022	12293	0.22%	0.007%
331	13.773	13.755	13.793	VV	1378	22880	0.41%	0.013%
332	13.826	13.793	13.862	VV	26792	345632	6.24%	0.200%
333	13.871	13.862	13.884	VV	1469	16937	0.31%	0.010%
334	13.893	13.884	13.914	VV	1051	14716	0.27%	0.009%
335	13.940	13.914	13.966	VV	2270	35508	0.64%	0.021%
336	13.986	13.966	13.992	PV	918	8707	0.16%	0.005%
337	13.996	13.992	14.000	VV	776	3636	0.07%	0.002%
338	14.007	14.000	14.013	VV	865	5348	0.10%	0.003%
339	14.016	14.013	14.027	VV	731	3834	0.07%	0.002%
340	14.054	14.027	14.078	VV	1543	24106	0.43%	0.014%
341	14.096	14.078	14.102	VV	1107	12991	0.23%	0.008%
342	14.140	14.102	14.158	VV	3080	65734	1.19%	0.038%
343	14.192	14.158	14.207	VV	4126	66667	1.20%	0.039%
344	14.219	14.207	14.246	VV	3280	51682	0.93%	0.030%
345	14.260	14.246	14.282	VV	1308	16217	0.29%	0.009%
346	14.311	14.282	14.350	PV	1172	29893	0.54%	0.017%
347	14.355	14.350	14.360	VV	629	3248	0.06%	0.002%
348	14.368	14.360	14.373	VV	628	4102	0.07%	0.002%
349	14.409	14.373	14.418	VV	1099	19417	0.35%	0.011%
350	14.421	14.418	14.442	VV	745	5520	0.10%	0.003%
351	14.466	14.442	14.486	PV	662	10619	0.19%	0.006%

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352	14.500	14.486	14.503	VV	503	4233	0.08%	0.002%
353	14.507	14.503	14.522	VV	433	2185	0.04%	0.001%
354	14.578	14.522	14.597	PV	3191	57553	1.04%	0.033%
355	14.606	14.597	14.631	VV	1646	25487	0.46%	0.015%
356	14.675	14.631	14.691	VV	2311	52318	0.94%	0.030%
357	14.705	14.691	14.726	VV	2943	38768	0.70%	0.022%
358	14.755	14.726	14.776	VV	5171	78668	1.42%	0.046%
359	14.791	14.776	14.797	VV	2060	23240	0.42%	0.013%
360	14.818	14.797	14.837	VV	2537	48008	0.87%	0.028%
361	14.854	14.837	14.858	VV	2571	25837	0.47%	0.015%
362	14.862	14.858	14.871	VV	2496	15561	0.28%	0.009%
363	14.877	14.871	14.903	VV	1761	24631	0.44%	0.014%
364	14.923	14.903	14.944	VV	2491	29844	0.54%	0.017%
365	14.972	14.944	14.994	PV	2823	44370	0.80%	0.026%
366	15.017	14.994	15.029	VV	1500	23735	0.43%	0.014%
367	15.047	15.029	15.060	VV	2037	27544	0.50%	0.016%
368	15.091	15.060	15.126	VV	106155	1452939	26.22%	0.841%
369	15.135	15.126	15.155	VV	1033	11180	0.20%	0.006%
370	15.185	15.155	15.200	VV	1203	19304	0.35%	0.011%
371	15.234	15.200	15.252	VV	6029	93065	1.68%	0.054%
372	15.277	15.252	15.315	VV	6643	127105	2.29%	0.074%
373	15.334	15.315	15.354	VV	1595	21784	0.39%	0.013%
374	15.395	15.354	15.416	PV	2781	67080	1.21%	0.039%
375	15.434	15.416	15.460	VV	2807	52646	0.95%	0.030%
376	15.473	15.460	15.478	VV	2116	17733	0.32%	0.010%
377	15.485	15.478	15.508	VV	2479	24728	0.45%	0.014%
378	15.549	15.508	15.564	PV	2129	38116	0.69%	0.022%
379	15.575	15.564	15.581	VV	1395	12560	0.23%	0.007%
380	15.620	15.581	15.625	VV	1757	30761	0.56%	0.018%
381	15.630	15.625	15.642	VV	1520	11225	0.20%	0.006%
382	15.673	15.642	15.710	VV	47872	678541	12.24%	0.393%
383	15.730	15.710	15.743	VV	2884	49478	0.89%	0.029%
384	15.749	15.743	15.766	VV	1820	16243	0.29%	0.009%
385	15.783	15.766	15.793	VV	1073	9346	0.17%	0.005%
386	15.816	15.793	15.850	VV	6834	110702	2.00%	0.064%
387	15.870	15.850	15.877	VV	2757	28516	0.51%	0.017%
388	15.906	15.877	15.933	VV	4699	109054	1.97%	0.063%
389	15.961	15.933	15.982	VV	4131	66951	1.21%	0.039%
390	16.033	15.982	16.058	PV	5185	92494	1.67%	0.054%
391	16.078	16.058	16.110	VV	4247	72997	1.32%	0.042%
392	16.131	16.110	16.142	VV	662	8559	0.15%	0.005%
393	16.149	16.142	16.160	VV	924	5287	0.10%	0.003%
394	16.199	16.160	16.217	VV	2081	36747	0.66%	0.021%
395	16.237	16.217	16.257	VV	1817	26305	0.47%	0.015%
396	16.281	16.257	16.286	PV	1630	17839	0.32%	0.010%
397	16.324	16.286	16.342	VV	6122	114398	2.06%	0.066%
398	16.360	16.342	16.374	VV	4192	63302	1.14%	0.037%
399	16.390	16.374	16.399	VV	2395	24960	0.45%	0.014%
400	16.403	16.399	16.409	VV	1284	7025	0.13%	0.004%
401	16.425	16.409	16.437	VV	2282	28956	0.52%	0.017%
402	16.443	16.437	16.448	VV	1820	11033	0.20%	0.006%
403	16.465	16.448	16.474	VV	1844	22629	0.41%	0.013%
404	16.525	16.474	16.535	PV	5090	113139	2.04%	0.066%

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405	16.539	16.535	16.560	VV	3510	35555	0.64%	0.021%
406	16.620	16.560	16.644	VV	8003	210551	3.80%	0.122%
407	16.650	16.644	16.658	VV	3984	30875	0.56%	0.018%
408	16.690	16.658	16.707	VV	10153	184297	3.33%	0.107%
409	16.712	16.707	16.738	VV	6700	90417	1.63%	0.052%
410	16.742	16.738	16.748	VV	1693	8341	0.15%	0.005%
411	16.804	16.748	16.850	VV	17823	353595	6.38%	0.205%
412	16.858	16.850	16.871	VV	1367	12463	0.22%	0.007%
413	16.905	16.871	16.920	VV	4778	96430	1.74%	0.056%
414	16.937	16.920	16.958	VV	6866	110342	1.99%	0.064%
415	16.971	16.958	16.977	VV	3772	30806	0.56%	0.018%
416	17.001	16.977	17.008	VV	3997	60998	1.10%	0.035%
417	17.027	17.008	17.041	VV	5453	77957	1.41%	0.045%
418	17.058	17.041	17.066	VV	2893	28653	0.52%	0.017%
419	17.071	17.066	17.075	VV	2444	11367	0.21%	0.007%
420	17.096	17.075	17.107	VV	3901	47626	0.86%	0.028%
421	17.126	17.107	17.156	VV	6858	107900	1.95%	0.062%
422	17.178	17.156	17.209	VV	7564	123979	2.24%	0.072%
423	17.273	17.209	17.284	PV	13212	285266	5.15%	0.165%
424	17.318	17.284	17.355	VV	17413	503868	9.09%	0.292%
425	17.370	17.355	17.383	VV	6650	100059	1.81%	0.058%
426	17.403	17.383	17.413	VV	6878	117724	2.12%	0.068%
427	17.420	17.413	17.425	VV	6300	41961	0.76%	0.024%
428	17.446	17.425	17.453	VV	8213	113225	2.04%	0.066%
429	17.460	17.453	17.466	VV	8304	58432	1.05%	0.034%
430	17.477	17.466	17.488	VV	9417	110814	2.00%	0.064%
431	17.528	17.488	17.559	VV	11239	356620	6.44%	0.206%
432	17.597	17.559	17.617	VV	14859	351228	6.34%	0.203%
433	17.625	17.617	17.632	VV	10452	87465	1.58%	0.051%
434	17.638	17.632	17.643	VV	10458	69514	1.25%	0.040%
435	17.649	17.643	17.655	VV	9907	65687	1.19%	0.038%
436	17.659	17.655	17.665	VV	9196	53297	0.96%	0.031%
437	17.679	17.665	17.689	VV	13057	167890	3.03%	0.097%
438	17.710	17.689	17.749	VV	17513	491420	8.87%	0.285%
439	17.772	17.749	17.788	VV	13820	264567	4.77%	0.153%
440	17.804	17.788	17.820	VV	14016	217478	3.92%	0.126%
441	17.848	17.820	17.874	VV	19908	425408	7.68%	0.246%
442	17.911	17.874	17.931	VV	16089	399615	7.21%	0.231%
443	17.958	17.931	17.980	VV	12908	328100	5.92%	0.190%
444	17.999	17.980	18.007	VV	13757	184248	3.32%	0.107%
445	18.020	18.007	18.034	VV	13961	206448	3.73%	0.120%
446	18.074	18.034	18.094	VV	18824	534586	9.65%	0.310%
447	18.107	18.094	18.122	VV	17891	264448	4.77%	0.153%
448	18.167	18.122	18.199	VV	30720	945299	17.06%	0.547%
449	18.223	18.199	18.250	VV	18331	469455	8.47%	0.272%
450	18.261	18.250	18.265	VV	14443	123040	2.22%	0.071%
451	18.318	18.265	18.339	VV	47429	1193513	21.54%	0.691%
452	18.348	18.339	18.373	VV	26293	483793	8.73%	0.280%
453	18.384	18.373	18.389	VV	19681	171599	3.10%	0.099%
454	18.401	18.389	18.408	VV	19192	203954	3.68%	0.118%
455	18.417	18.408	18.441	VV	19796	347023	6.26%	0.201%
456	18.453	18.441	18.458	VV	19416	179320	3.24%	0.104%

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457	18.493	18.458	18.498	VV	27193	531572	9.59%	0.308%
458	18.520	18.498	18.547	VV	53564	1146888	20.70%	0.664%
459	18.556	18.547	18.570	VV	28903	360685	6.51%	0.209%
460	18.586	18.570	18.623	VV	32976	782674	14.12%	0.453%
461	18.645	18.623	18.651	VV	25456	357934	6.46%	0.207%
462	18.690	18.651	18.711	VV	52326	1274528	23.00%	0.738%
463	18.723	18.711	18.743	VV	31703	537835	9.71%	0.311%
464	18.754	18.743	18.767	VV	29632	374629	6.76%	0.217%
465	18.777	18.767	18.790	VV	24763	325566	5.87%	0.189%
466	18.818	18.790	18.828	VV	28853	605114	10.92%	0.350%
467	18.834	18.828	18.840	VV	30033	227562	4.11%	0.132%
468	18.847	18.840	18.853	VV	28696	216442	3.91%	0.125%
469	18.863	18.853	18.869	VV	30630	281831	5.09%	0.163%
470	18.874	18.869	18.887	VV	29761	298074	5.38%	0.173%
471	18.902	18.887	18.914	VV	32865	478872	8.64%	0.277%
472	18.928	18.914	18.945	VV	33120	563655	10.17%	0.326%
473	18.952	18.945	18.957	VV	30615	196282	3.54%	0.114%
474	18.964	18.957	18.971	VV	32070	264492	4.77%	0.153%
475	18.995	18.971	19.018	VV	47219	1032825	18.64%	0.598%
476	19.025	19.018	19.031	VV	29133	224240	4.05%	0.130%
477	19.038	19.031	19.046	VV	29221	257254	4.64%	0.149%
478	19.057	19.046	19.061	VV	32294	270810	4.89%	0.157%
479	19.069	19.061	19.077	VV	36085	314476	5.67%	0.182%
480	19.111	19.077	19.129	VV	56183	1362341	24.58%	0.789%
481	19.135	19.129	19.139	VV	39281	238740	4.31%	0.138%
482	19.159	19.139	19.185	VV	54369	1259921	22.74%	0.729%
483	19.194	19.185	19.220	VV	41898	809007	14.60%	0.468%
484	19.258	19.220	19.266	VV	47496	1204257	21.73%	0.697%
485	19.281	19.266	19.292	VV	52843	734433	13.25%	0.425%
486	19.308	19.292	19.323	VV	48324	852161	15.38%	0.493%
487	19.352	19.323	19.378	VV	66648	1817146	32.79%	1.052%
488	19.395	19.378	19.402	VV	59523	779730	14.07%	0.451%
489	19.405	19.402	19.418	VV	57270	547232	9.87%	0.317%
490	19.439	19.418	19.465	VV	61362	1585486	28.61%	0.918%
491	19.478	19.465	19.484	VV	52626	584073	10.54%	0.338%
492	19.492	19.484	19.498	VV	54290	417441	7.53%	0.242%
493	19.506	19.498	19.527	VV	60606	1015915	18.33%	0.588%
494	19.533	19.527	19.540	VV	60663	441806	7.97%	0.256%
495	19.545	19.540	19.566	VV	57930	851428	15.36%	0.493%
496	19.584	19.566	19.595	VV	54725	910207	16.42%	0.527%
497	19.637	19.595	19.644	VV	65313	1695217	30.59%	0.982%
498	19.650	19.644	19.673	VV	65849	1080041	19.49%	0.625%
499	19.681	19.673	19.686	VV	65313	490025	8.84%	0.284%
500	19.692	19.686	19.696	VV	63827	361433	6.52%	0.209%
501	19.701	19.696	19.708	VV	63819	426496	7.70%	0.247%
502	19.723	19.708	19.729	VV	69333	874578	15.78%	0.506%
503	19.733	19.729	19.751	VV	65908	824103	14.87%	0.477%
504	19.758	19.751	19.764	VV	66535	504504	9.10%	0.292%
505	19.781	19.764	19.798	VV	73725	1362899	24.59%	0.789%
506	19.826	19.798	19.838	VV	75039	1627520	29.37%	0.942%
507	19.841	19.838	19.872	VV	66895	1297890	23.42%	0.751%
508	19.886	19.872	19.895	VV	71771	940027	16.96%	0.544%
509	19.916	19.895	19.928	VV	76030	1423765	25.69%	0.824%

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510	19.950	19.928	19.954	VV	76759	1090438	19.68%	0.631%
511	19.967	19.954	19.972	VV	80771	797516	14.39%	0.462%
512	19.978	19.972	19.982	VV	82365	514216	9.28%	0.298%
513	19.988	19.982	20.002	VV	83083	912756	16.47%	0.528%
514	20.006	20.002	20.018	VV	76646	720613	13.00%	0.417%
515	20.035	20.018	20.043	VV	88229	1263350	22.80%	0.731%
516	20.067	20.043	20.092	VV	89159	2417627	43.63%	1.400%
517	20.110	20.092	20.123	VV	79602	1413988	25.52%	0.819%
518	20.149	20.123	20.173	VV	97300	2696406	48.66%	1.561%
519	20.178	20.173	20.193	VV	87564	992147	17.90%	0.574%
520	20.220	20.193	20.239	VV	101966	2603644	46.98%	1.508%
521	20.246	20.239	20.260	VV	98295	1179254	21.28%	0.683%
522	20.280	20.260	20.293	VV	96999	1821690	32.87%	1.055%
523	20.324	20.293	20.343	VV	105838	2968533	53.57%	1.719%
524	20.354	20.343	20.369	VV	103060	1604829	28.96%	0.929%
525	20.412	20.369	20.420	VV	111169	3113463	56.18%	1.803%
526	20.446	20.420	20.452	VV	119997	2185478	39.44%	1.265%
527	20.457	20.452	20.461	VV	115308	569670	10.28%	0.330%
528	20.472	20.461	20.484	VV	117894	1608113	29.02%	0.931%
529	20.487	20.484	20.491	VV	113790	447385	8.07%	0.259%
530	20.509	20.491	20.513	VV	119810	1576096	28.44%	0.913%
531	20.522	20.513	20.532	VV	124873	1352245	24.40%	0.783%
532	20.543	20.532	20.547	VV	122291	1096280	19.78%	0.635%
533	20.551	20.547	20.574	VV	124308	1885775	34.03%	1.092%
534	20.585	20.574	20.591	VV	115787	1133363	20.45%	0.656%
535	20.595	20.591	20.605	VV	119279	986939	17.81%	0.571%
536	20.616	20.605	20.636	VV	119342	2171454	39.18%	1.257%
537	20.642	20.636	20.646	VV	113179	636469	11.49%	0.369%
538	20.693	20.646	20.701	VV	145581	4207593	75.93%	2.436%
539	20.712	20.701	20.721	VV	139915	1646833	29.72%	0.954%
540	20.738	20.721	20.750	VV	147911	2492335	44.97%	1.443%
541	20.756	20.750	20.798	VV	148344	3890352	70.20%	2.253%
542	20.808	20.798	20.826	VV	121181	1972884	35.60%	1.142%
543	20.833	20.826	20.854	VV	120351	1938135	34.97%	1.122%
544	20.857	20.854	20.863	VV	113717	562742	10.15%	0.326%
545	20.867	20.863	20.878	VV	112404	1006065	18.15%	0.583%
546	20.882	20.878	20.887	VV	111464	608711	10.98%	0.352%
547	20.892	20.887	20.901	VV	111387	909499	16.41%	0.527%
548	20.911	20.901	20.921	VV	106507	1279667	23.09%	0.741%
549	20.944	20.921	20.951	VV	114764	1959980	35.37%	1.135%
550	20.957	20.951	20.965	VV	117048	966969	17.45%	0.560%
551	20.988	20.965	20.995	VV	117065	2034863	36.72%	1.178%
552	21.012	20.995	21.019	VV	126360	1740312	31.40%	1.008%
553	21.027	21.019	21.102	VV	125174	5541700	100.00%	3.209%
554	21.106	21.102	21.147	VV	94493	2310814	41.70%	1.338%
555	21.152	21.147	21.161	VV	80699	639883	11.55%	0.370%
556	21.170	21.161	21.177	VV	81991	759619	13.71%	0.440%
557	21.205	21.177	21.217	VV	82972	1884340	34.00%	1.091%
558	21.233	21.217	21.243	VV	83523	1284074	23.17%	0.743%
559	21.250	21.243	21.254	VV	85710	531189	9.59%	0.308%
560	21.284	21.254	21.289	VV	89636	1810296	32.67%	1.048%
561	21.298	21.289	21.316	VV	90403	1399403	25.25%	0.810%

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562	21.341	21.316	21.364	VV	90949	2470352	44.58%	1.430%
563	21.370	21.364	21.404	VV	77595	1724700	31.12%	0.999%
564	21.409	21.404	21.419	VV	67946	605845	10.93%	0.351%
565	21.423	21.419	21.439	VV	69081	781832	14.11%	0.453%
566	21.450	21.439	21.457	VV	67137	709967	12.81%	0.411%
567	21.462	21.457	21.466	VV	65613	324289	5.85%	0.188%
568	21.472	21.466	21.479	VV	65876	515751	9.31%	0.299%
569	21.483	21.479	21.502	VV	63570	865851	15.62%	0.501%
570	21.512	21.502	21.522	VV	64293	736694	13.29%	0.427%
571	21.545	21.522	21.550	VV	68299	1105272	19.94%	0.640%
572	21.560	21.550	21.566	VV	67551	642984	11.60%	0.372%
573	21.594	21.566	21.597	VV	74759	1286857	23.22%	0.745%
574	21.605	21.597	21.619	VV	78593	962325	17.37%	0.557%
575	21.624	21.619	21.648	VV	73116	1187557	21.43%	0.688%
576	21.653	21.648	21.718	VV	66093	2224356	40.14%	1.288%
577	21.727	21.718	21.736	VV	40908	428635	7.73%	0.248%
578	21.741	21.736	21.751	VV	38496	333635	6.02%	0.193%
579	21.767	21.751	21.778	VV	34122	512197	9.24%	0.297%
580	21.797	21.778	21.806	VV	36896	586820	10.59%	0.340%
581	21.812	21.806	21.821	VV	35895	296196	5.34%	0.171%
582	21.830	21.821	21.834	VV	37678	297529	5.37%	0.172%
583	21.873	21.834	21.885	VV	46223	1260856	22.75%	0.730%
584	21.919	21.885	21.923	VV	43364	952969	17.20%	0.552%
585	21.928	21.923	21.942	VV	44814	470429	8.49%	0.272%
586	21.967	21.942	21.972	VV	48286	809409	14.61%	0.469%
587	21.996	21.972	22.004	VV	55512	995673	17.97%	0.576%
588	22.013	22.004	22.069	VV	54283	1476951	26.65%	0.855%
589	22.074	22.069	22.115	VV	22139	420986	7.60%	0.244%
590	22.119	22.115	22.138	VV	12648	90975	1.64%	0.053%
591	22.146	22.138	22.159	VV	3537	23121	0.42%	0.013%
592	22.168	22.159	22.179	VV	4912	28124	0.51%	0.016%
593	22.228	22.179	22.232	PV	10835	169584	3.06%	0.098%
594	22.244	22.232	22.264	VV	14359	217409	3.92%	0.126%
595	22.268	22.264	22.300	VBA	8195	139578	2.52%	0.081%

Sum of corrected areas: 172711278

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