

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062923\
 Data File : FG012316.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2023 14:35
 Sample : 03428-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062423.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.608	1.600	1.624	BV	1769	20459	0.27%	0.014%
2	1.637	1.624	1.662	VV	2495	34170	0.44%	0.023%
3	1.666	1.662	1.674	VV	964	6903	0.09%	0.005%
4	1.679	1.674	1.687	VV	973	7141	0.09%	0.005%
5	1.702	1.687	1.711	VV	1071	14204	0.18%	0.010%
6	1.735	1.711	1.785	VV	1368	48064	0.63%	0.032%
7	1.788	1.785	1.792	VV	839	3305	0.04%	0.002%
8	1.813	1.792	1.832	VV	1221	25370	0.33%	0.017%
9	1.845	1.832	1.858	VV	1108	15574	0.20%	0.011%
10	1.873	1.858	1.884	VV	1141	16392	0.21%	0.011%
11	1.893	1.884	1.914	VV	1029	17303	0.23%	0.012%
12	1.924	1.914	1.940	VV	904	12907	0.17%	0.009%
13	1.957	1.940	1.982	VV	947	20228	0.26%	0.014%
14	2.020	1.982	2.091	VV	174788	2179104	28.36%	1.473%
15	2.102	2.091	2.137	VV	1068	24300	0.32%	0.016%
16	2.142	2.137	2.173	VV	723	13896	0.18%	0.009%
17	2.177	2.173	2.205	VV	672	11573	0.15%	0.008%
18	2.213	2.205	2.218	VV	634	4843	0.06%	0.003%
19	2.232	2.218	2.258	VV	749	15883	0.21%	0.011%
20	2.263	2.258	2.268	VV	635	3688	0.05%	0.002%
21	2.273	2.268	2.283	VV	679	5764	0.08%	0.004%
22	2.304	2.283	2.312	VV	797	12640	0.16%	0.009%
23	2.327	2.312	2.355	VV	1386	27223	0.35%	0.018%
24	2.359	2.355	2.399	VV	850	18839	0.25%	0.013%
25	2.412	2.399	2.423	VV	749	9889	0.13%	0.007%
26	2.429	2.423	2.437	VV	736	5974	0.08%	0.004%
27	2.440	2.437	2.451	VV	707	5768	0.08%	0.004%
28	2.455	2.451	2.472	VV	656	7549	0.10%	0.005%
29	2.487	2.472	2.502	VV	657	10676	0.14%	0.007%
30	2.506	2.502	2.517	VV	588	4719	0.06%	0.003%
31	2.522	2.517	2.527	VV	608	3658	0.05%	0.002%

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32	2.535	2.527	2.548	VV	613	7403	0.10%	0.005%
33	2.555	2.548	2.559	VV	630	3784	0.05%	0.003%
34	2.569	2.559	2.578	VV	592	6388	0.08%	0.004%
35	2.590	2.578	2.597	VV	635	6923	0.09%	0.005%
36	2.601	2.597	2.606	VV	634	2963	0.04%	0.002%
37	2.617	2.606	2.622	VV	596	5728	0.07%	0.004%
38	2.629	2.622	2.635	VV	597	4109	0.05%	0.003%
39	2.639	2.635	2.644	VV	564	3044	0.04%	0.002%
40	2.651	2.644	2.670	VV	557	7908	0.10%	0.005%
41	2.684	2.670	2.688	VV	580	5851	0.08%	0.004%
42	2.694	2.688	2.701	VV	594	4360	0.06%	0.003%
43	2.706	2.701	2.710	VV	588	3144	0.04%	0.002%
44	2.730	2.710	2.746	VV	623	12315	0.16%	0.008%
45	2.749	2.746	2.770	VV	555	7732	0.10%	0.005%
46	2.776	2.770	2.781	VV	539	3300	0.04%	0.002%
47	2.785	2.781	2.798	VV	587	5744	0.07%	0.004%
48	2.814	2.798	2.854	VV	661	19972	0.26%	0.014%
49	2.867	2.854	2.874	VV	580	6589	0.09%	0.004%
50	2.877	2.874	2.888	VV	603	4509	0.06%	0.003%
51	2.895	2.888	2.907	VV	559	5750	0.07%	0.004%
52	2.932	2.907	2.963	VV	804	23751	0.31%	0.016%
53	2.976	2.963	3.017	VV	754	20836	0.27%	0.014%
54	3.037	3.017	3.043	VV	848	11943	0.16%	0.008%
55	3.047	3.043	3.056	VV	830	5821	0.08%	0.004%
56	3.060	3.056	3.075	VV	783	8157	0.11%	0.006%
57	3.084	3.075	3.118	VV	724	16297	0.21%	0.011%
58	3.135	3.118	3.142	VV	649	8508	0.11%	0.006%
59	3.147	3.142	3.166	VV	602	7678	0.10%	0.005%
60	3.186	3.166	3.194	VV	613	9494	0.12%	0.006%
61	3.219	3.194	3.233	VV	673	13817	0.18%	0.009%
62	3.243	3.233	3.248	VV	601	5215	0.07%	0.004%
63	3.278	3.248	3.295	VV	859	19116	0.25%	0.013%
64	3.298	3.295	3.317	VV	714	8517	0.11%	0.006%
65	3.321	3.317	3.342	VV	672	9084	0.12%	0.006%
66	3.348	3.342	3.352	VV	597	3523	0.05%	0.002%
67	3.359	3.352	3.366	VV	611	5022	0.07%	0.003%
68	3.374	3.366	3.391	VV	589	8634	0.11%	0.006%
69	3.397	3.391	3.409	VV	643	6623	0.09%	0.004%
70	3.430	3.409	3.436	VV	908	11906	0.15%	0.008%
71	3.438	3.436	3.446	VV	919	5295	0.07%	0.004%
72	3.450	3.446	3.465	VV	930	10009	0.13%	0.007%
73	3.471	3.465	3.478	VV	905	6606	0.09%	0.004%
74	3.482	3.478	3.487	VV	875	4407	0.06%	0.003%
75	3.491	3.487	3.497	VV	851	5061	0.07%	0.003%
76	3.522	3.497	3.552	VV	971	29775	0.39%	0.020%
77	3.559	3.552	3.563	VV	891	5449	0.07%	0.004%
78	3.569	3.563	3.573	VV	864	5215	0.07%	0.004%
79	3.586	3.573	3.606	VV	938	17164	0.22%	0.012%

80	3.611	3.606	3.640	VV	rteres 821	14959	0.19%	0.010%
81	3.644	3.640	3.655	VV	693	6114	0.08%	0.004%
82	3.664	3.655	3.700	VV	744	17637	0.23%	0.012%
83	3.730	3.700	3.762	VV	873	27652	0.36%	0.019%
84	3.769	3.762	3.776	VV	659	5161	0.07%	0.003%
85	3.785	3.776	3.790	VV	711	5574	0.07%	0.004%
86	3.801	3.790	3.813	VV	746	9194	0.12%	0.006%
87	3.819	3.813	3.840	VV	642	9597	0.12%	0.006%
88	3.860	3.840	3.874	VV	679	12524	0.16%	0.008%
89	3.879	3.874	3.887	VV	650	4707	0.06%	0.003%
90	3.894	3.887	3.899	VV	624	4391	0.06%	0.003%
91	3.907	3.899	3.944	VV	682	15365	0.20%	0.010%
92	3.964	3.944	3.980	VV	710	13980	0.18%	0.009%
93	3.995	3.980	4.024	VV	709	15616	0.20%	0.011%
94	4.028	4.024	4.040	VV	495	4551	0.06%	0.003%
95	4.048	4.040	4.052	VV	590	3804	0.05%	0.003%
96	4.069	4.052	4.084	VV	692	11603	0.15%	0.008%
97	4.105	4.084	4.127	VV	960	19929	0.26%	0.013%
98	4.146	4.127	4.164	VV	1292	23305	0.30%	0.016%
99	4.176	4.164	4.227	VV	1144	31660	0.41%	0.021%
100	4.235	4.227	4.244	VV	617	5874	0.08%	0.004%
101	4.269	4.244	4.274	VV	799	11851	0.15%	0.008%
102	4.276	4.274	4.284	VV	828	4107	0.05%	0.003%
103	4.306	4.284	4.330	VV	977	21212	0.28%	0.014%
104	4.339	4.330	4.360	VV	710	11142	0.15%	0.008%
105	4.377	4.360	4.385	VV	666	9229	0.12%	0.006%
106	4.391	4.385	4.398	VV	671	5070	0.07%	0.003%
107	4.408	4.398	4.421	VV	642	8348	0.11%	0.006%
108	4.425	4.421	4.442	VV	624	6357	0.08%	0.004%
109	4.446	4.442	4.450	VV	450	2109	0.03%	0.001%
110	4.468	4.450	4.480	VV	565	8881	0.12%	0.006%
111	4.485	4.480	4.490	VV	505	2957	0.04%	0.002%
112	4.526	4.490	4.592	VV	268123	2775563	36.12%	1.877%
113	4.598	4.592	4.645	VV	842	22327	0.29%	0.015%
114	4.653	4.645	4.672	VV	646	9711	0.13%	0.007%
115	4.705	4.672	4.727	VV	1071	22948	0.30%	0.016%
116	4.730	4.727	4.762	VV	614	11917	0.16%	0.008%
117	4.781	4.762	4.790	VV	591	9103	0.12%	0.006%
118	4.810	4.790	4.824	VV	854	12941	0.17%	0.009%
119	4.833	4.824	4.849	VV	751	10018	0.13%	0.007%
120	4.854	4.849	4.858	VV	603	3219	0.04%	0.002%
121	4.866	4.858	4.875	VV	631	5648	0.07%	0.004%
122	4.884	4.875	4.889	VV	584	4748	0.06%	0.003%
123	4.893	4.889	4.916	VV	581	7434	0.10%	0.005%
124	4.942	4.916	4.958	VV	645	13293	0.17%	0.009%
125	4.970	4.958	4.975	VV	517	4855	0.06%	0.003%
126	4.985	4.975	4.999	VV	604	7791	0.10%	0.005%

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127	5.004	4.999	5.020	VV	533	5734	0.07%	0.004%
128	5.033	5.020	5.066	VV	652	13525	0.18%	0.009%
129	5.075	5.066	5.082	VV	367	3341	0.04%	0.002%
130	5.089	5.082	5.106	VV	418	5453	0.07%	0.004%
131	5.109	5.106	5.121	VV	381	3181	0.04%	0.002%
132	5.145	5.121	5.156	VV	577	9607	0.13%	0.006%
133	5.193	5.156	5.222	VV	818	26210	0.34%	0.018%
134	5.236	5.222	5.248	VV	642	8342	0.11%	0.006%
135	5.277	5.248	5.298	VV	695	16928	0.22%	0.011%
136	5.305	5.298	5.313	VV	508	3978	0.05%	0.003%
137	5.318	5.313	5.333	VV	461	4883	0.06%	0.003%
138	5.354	5.333	5.357	VV	622	8128	0.11%	0.005%
139	5.363	5.357	5.382	VV	628	7590	0.10%	0.005%
140	5.388	5.382	5.422	VV	406	8320	0.11%	0.006%
141	5.447	5.422	5.462	VV	412	8383	0.11%	0.006%
142	5.480	5.462	5.502	VV	985	16623	0.22%	0.011%
143	5.508	5.502	5.520	VV	568	5084	0.07%	0.003%
144	5.542	5.520	5.593	VV	502	16118	0.21%	0.011%
145	5.602	5.593	5.625	VV	312	4534	0.06%	0.003%
146	5.630	5.625	5.646	VV	264	2706	0.04%	0.002%
147	5.665	5.646	5.723	VV	2035	30963	0.40%	0.021%
148	5.741	5.723	5.770	VV	534	9011	0.12%	0.006%
149	5.797	5.770	5.833	VV	724	18338	0.24%	0.012%
150	5.851	5.833	5.857	VV	428	5387	0.07%	0.004%
151	5.863	5.857	5.883	VV	426	4520	0.06%	0.003%
152	5.892	5.883	5.897	VV	235	1776	0.02%	0.001%
153	5.923	5.897	5.952	VV	596	11811	0.15%	0.008%
154	5.975	5.952	5.999	VV	400	8381	0.11%	0.006%
155	6.006	5.999	6.030	VV	260	3482	0.05%	0.002%
156	6.033	6.030	6.038	VV	186	655	0.01%	0.000%
157	6.050	6.038	6.055	VV	186	1601	0.02%	0.001%
158	6.060	6.055	6.080	VV	196	1974	0.03%	0.001%
159	6.116	6.080	6.123	VV	336	5488	0.07%	0.004%
160	6.146	6.123	6.170	VV	470	9281	0.12%	0.006%
161	6.176	6.170	6.183	VV	282	2024	0.03%	0.001%
162	6.197	6.183	6.214	VV	322	4907	0.06%	0.003%
163	6.238	6.214	6.245	VV	443	6343	0.08%	0.004%
164	6.267	6.245	6.324	VV	745	24665	0.32%	0.017%
165	6.341	6.324	6.373	VV	511	10345	0.13%	0.007%
166	6.406	6.373	6.453	VV	692	18025	0.23%	0.012%
167	6.457	6.453	6.461	VV	224	822	0.01%	0.001%
168	6.481	6.461	6.488	VV	487	5562	0.07%	0.004%
169	6.492	6.488	6.517	VV	476	6477	0.08%	0.004%
170	6.540	6.517	6.577	VV	854	18677	0.24%	0.013%
171	6.585	6.577	6.611	VV	502	7685	0.10%	0.005%
172	6.620	6.611	6.647	VV	345	6099	0.08%	0.004%
173	6.654	6.647	6.664	VV	274	2493	0.03%	0.002%
174	6.695	6.664	6.755	VV	276532	2823219	36.74%	1.909%

175	6.761	6.755	6.765	VV	630	3439	0.04%	0.002%
176	6.772	6.765	6.804	VV	655	12428	0.16%	0.008%
177	6.811	6.804	6.831	VV	435	6267	0.08%	0.004%
178	6.847	6.831	6.877	VV	688	13859	0.18%	0.009%
179	6.884	6.877	6.897	VV	437	4656	0.06%	0.003%
180	6.910	6.897	6.929	VV	389	6176	0.08%	0.004%
181	6.932	6.929	6.939	VV	278	1397	0.02%	0.001%
182	6.965	6.939	6.969	VV	311	4928	0.06%	0.003%
183	6.982	6.969	6.999	VV	405	5460	0.07%	0.004%
184	7.007	6.999	7.015	VV	237	1884	0.02%	0.001%
185	7.027	7.015	7.038	VV	308	3058	0.04%	0.002%
186	7.042	7.038	7.046	VV	169	727	0.01%	0.000%
187	7.051	7.046	7.055	VV	197	833	0.01%	0.001%
188	7.059	7.055	7.071	VV	181	1377	0.02%	0.001%
189	7.088	7.071	7.095	VV	243	2525	0.03%	0.002%
190	7.102	7.095	7.131	VV	286	3882	0.05%	0.003%
191	7.157	7.131	7.179	VV	423	7615	0.10%	0.005%
192	7.199	7.179	7.228	VV	751	15647	0.20%	0.011%
193	7.232	7.228	7.258	VV	508	7425	0.10%	0.005%
194	7.263	7.258	7.268	VV	414	2239	0.03%	0.002%
195	7.272	7.268	7.304	VV	376	5954	0.08%	0.004%
196	7.317	7.304	7.328	VV	326	3778	0.05%	0.003%
197	7.334	7.328	7.355	VV	297	4273	0.06%	0.003%
198	7.374	7.355	7.407	VV	1016	18173	0.24%	0.012%
199	7.413	7.407	7.458	VV	454	8316	0.11%	0.006%
200	7.478	7.458	7.493	VV	257	3688	0.05%	0.002%
201	7.515	7.493	7.532	VV	687	9261	0.12%	0.006%
202	7.542	7.532	7.567	VV	378	5615	0.07%	0.004%
203	7.582	7.567	7.589	VV	220	2453	0.03%	0.002%
204	7.594	7.589	7.612	VV	218	2233	0.03%	0.002%
205	7.642	7.612	7.659	VV	977	13498	0.18%	0.009%
206	7.674	7.659	7.691	VV	282	4033	0.05%	0.003%
207	7.712	7.691	7.753	VV	262	5884	0.08%	0.004%
208	7.774	7.753	7.794	VV	230	3534	0.05%	0.002%
209	7.797	7.794	7.803	VV	193	808	0.01%	0.001%
210	7.812	7.803	7.828	VV	250	2559	0.03%	0.002%
211	7.832	7.828	7.855	VV	107	747	0.01%	0.001%
212	7.883	7.855	7.888	PV	218	1744	0.02%	0.001%
213	7.895	7.888	7.903	VV	118	878	0.01%	0.001%
214	7.926	7.903	7.967	VV	1129	14524	0.19%	0.010%
215	7.973	7.967	7.981	VV	132	872	0.01%	0.001%
216	7.992	7.981	8.006	VV	143	1702	0.02%	0.001%
217	8.010	8.006	8.033	VV	162	1671	0.02%	0.001%
218	8.072	8.033	8.081	PV	607	7780	0.10%	0.005%
219	8.096	8.081	8.159	VV	1684	26056	0.34%	0.018%
220	8.168	8.159	8.193	VV	224	2899	0.04%	0.002%
221	8.215	8.193	8.235	VV	505	5838	0.08%	0.004%

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222	8.253	8.235	8.257	VV	462	3525	0.05%	0.002%
223	8.272	8.257	8.287	VV	539	7442	0.10%	0.005%
224	8.305	8.287	8.318	VV	240	2856	0.04%	0.002%
225	8.322	8.318	8.327	VV	164	543	0.01%	0.000%
226	8.340	8.327	8.365	VV	345	5304	0.07%	0.004%
227	8.375	8.365	8.380	VV	188	1255	0.02%	0.001%
228	8.384	8.380	8.389	VV	190	929	0.01%	0.001%
229	8.420	8.389	8.467	VV	987	23094	0.30%	0.016%
230	8.524	8.467	8.618	VV	259721	2774084	36.10%	1.876%
231	8.634	8.618	8.664	VV	1253	30926	0.40%	0.021%
232	8.675	8.664	8.699	VV	1044	18892	0.25%	0.013%
233	8.703	8.699	8.747	VV	670	15967	0.21%	0.011%
234	8.756	8.747	8.774	VV	541	8087	0.11%	0.005%
235	8.780	8.774	8.841	VV	488	12772	0.17%	0.009%
236	8.858	8.841	8.865	VV	305	3771	0.05%	0.003%
237	8.926	8.865	8.941	VV	1571	37736	0.49%	0.026%
238	8.956	8.941	8.970	VV	1310	17444	0.23%	0.012%
239	8.976	8.970	8.988	VV	736	7506	0.10%	0.005%
240	9.000	8.988	9.009	VV	848	9786	0.13%	0.007%
241	9.013	9.009	9.033	VV	800	10447	0.14%	0.007%
242	9.062	9.033	9.085	VV	922	19367	0.25%	0.013%
243	9.137	9.085	9.168	VV	798	20387	0.27%	0.014%
244	9.173	9.168	9.193	VV	384	5017	0.07%	0.003%
245	9.210	9.193	9.228	VV	411	6808	0.09%	0.005%
246	9.267	9.228	9.308	VV	1804	42970	0.56%	0.029%
247	9.318	9.308	9.325	VV	306	2634	0.03%	0.002%
248	9.350	9.325	9.375	VV	1779	25962	0.34%	0.018%
249	9.390	9.375	9.420	VV	421	8300	0.11%	0.006%
250	9.425	9.420	9.428	VV	222	890	0.01%	0.001%
251	9.439	9.428	9.466	VV	235	2440	0.03%	0.002%
252	9.502	9.466	9.518	VV	251	3327	0.04%	0.002%
253	9.536	9.518	9.567	VV	241	4429	0.06%	0.003%
254	9.586	9.567	9.603	PV	172	1980	0.03%	0.001%
255	9.606	9.603	9.620	VV	108	410	0.01%	0.000%
256	9.642	9.620	9.648	VV	248	2689	0.03%	0.002%
257	9.652	9.648	9.664	VV	276	1757	0.02%	0.001%
258	9.685	9.664	9.717	VV	2369	37481	0.49%	0.025%
259	9.732	9.717	9.756	VV	1116	19836	0.26%	0.013%
260	9.768	9.756	9.785	VV	711	9357	0.12%	0.006%
261	9.802	9.785	9.836	VV	609	11928	0.16%	0.008%
262	9.884	9.836	9.893	VV	1016	17702	0.23%	0.012%
263	9.910	9.893	9.936	VV	3693	41814	0.54%	0.028%
264	9.966	9.936	9.975	PV	736	9187	0.12%	0.006%
265	10.000	9.975	10.057	VV	88511	1057234	13.76%	0.715%
266	10.065	10.057	10.100	VV	3248	56281	0.73%	0.038%
267	10.132	10.100	10.214	VV	265705	2943010	38.30%	1.990%
268	10.237	10.214	10.261	VV	837	17348	0.23%	0.012%
269	10.284	10.261	10.363	VV	1408	35763	0.47%	0.024%

270	10.368	10.363	10.380	VV	rteres 148	998	0.01%	0.001%
271	10.398	10.380	10.419	PV	208	2620	0.03%	0.002%
272	10.472	10.419	10.503	VV	18578	220595	2.87%	0.149%
273	10.517	10.503	10.540	VV	1365	21721	0.28%	0.015%
274	10.576	10.540	10.595	VV	634	15903	0.21%	0.011%
275	10.601	10.595	10.607	VV	448	3008	0.04%	0.002%
276	10.610	10.607	10.629	VV	465	3827	0.05%	0.003%
277	10.651	10.629	10.699	VV	1079	21211	0.28%	0.014%
278	10.719	10.699	10.733	VV	509	6006	0.08%	0.004%
279	10.781	10.733	10.810	VV	1043	31010	0.40%	0.021%
280	10.828	10.810	10.854	VV	1699	31739	0.41%	0.021%
281	10.871	10.854	10.912	VV	1970	30162	0.39%	0.020%
282	10.943	10.912	10.962	VV	1601	24450	0.32%	0.017%
283	10.972	10.962	10.985	VV	576	6832	0.09%	0.005%
284	10.995	10.985	11.011	VV	355	4497	0.06%	0.003%
285	11.025	11.011	11.051	VV	378	6030	0.08%	0.004%
286	11.058	11.051	11.067	VV	130	984	0.01%	0.001%
287	11.070	11.067	11.076	VV	91	348	0.00%	0.000%
288	11.095	11.076	11.118	VV	555	6546	0.09%	0.004%
289	11.154	11.118	11.181	PV	1537	27616	0.36%	0.019%
290	11.192	11.181	11.229	VV	624	12385	0.16%	0.008%
291	11.247	11.229	11.278	VV	775	14246	0.19%	0.010%
292	11.292	11.278	11.303	VV	279	3401	0.04%	0.002%
293	11.321	11.303	11.334	VV	390	5139	0.07%	0.003%
294	11.345	11.334	11.358	VV	250	2803	0.04%	0.002%
295	11.379	11.358	11.404	VV	2383	26039	0.34%	0.018%
296	11.434	11.404	11.453	PV	678	9685	0.13%	0.007%
297	11.461	11.453	11.475	VV	204	1813	0.02%	0.001%
298	11.507	11.475	11.528	VV	1161	15851	0.21%	0.011%
299	11.576	11.528	11.629	VV	262547	2991016	38.93%	2.022%
300	11.654	11.629	11.697	VV	3108	55657	0.72%	0.038%
301	11.701	11.697	11.706	VV	196	703	0.01%	0.000%
302	11.712	11.706	11.717	VV	161	688	0.01%	0.000%
303	11.732	11.717	11.745	VV	394	4300	0.06%	0.003%
304	11.768	11.745	11.798	VV	663	10861	0.14%	0.007%
305	11.840	11.798	11.859	VV	1156	20844	0.27%	0.014%
306	11.862	11.859	11.906	VV	699	13520	0.18%	0.009%
307	11.925	11.906	11.929	VV	521	5008	0.07%	0.003%
308	11.935	11.929	11.947	VV	511	4572	0.06%	0.003%
309	11.973	11.947	12.000	VV	800	17501	0.23%	0.012%
310	12.009	12.000	12.017	VV	384	3798	0.05%	0.003%
311	12.056	12.017	12.071	VV	782	17571	0.23%	0.012%
312	12.088	12.071	12.104	VV	818	12198	0.16%	0.008%
313	12.123	12.104	12.160	VV	623	10302	0.13%	0.007%
314	12.184	12.160	12.203	PV	738	10156	0.13%	0.007%
315	12.244	12.203	12.282	VV	2670	56403	0.73%	0.038%
316	12.301	12.282	12.314	VV	686	9880	0.13%	0.007%

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317	12.337	12.314	12.371	VV	3639	52315	0.68%	0.035%
318	12.381	12.371	12.386	VV	522	4370	0.06%	0.003%
319	12.404	12.386	12.427	VV	889	14474	0.19%	0.010%
320	12.437	12.427	12.453	VV	424	6114	0.08%	0.004%
321	12.499	12.453	12.566	VV	69339	922112	12.00%	0.623%
322	12.571	12.566	12.594	VV	1560	22803	0.30%	0.015%
323	12.615	12.594	12.649	VV	1512	39516	0.51%	0.027%
324	12.661	12.649	12.684	VV	1014	16713	0.22%	0.011%
325	12.709	12.684	12.719	VV	1077	16277	0.21%	0.011%
326	12.723	12.719	12.735	VV	838	7082	0.09%	0.005%
327	12.739	12.735	12.771	VV	836	8099	0.11%	0.005%
328	12.830	12.771	12.854	VV	1538	37243	0.48%	0.025%
329	12.888	12.854	12.931	VV	240408	2875497	37.42%	1.944%
330	12.954	12.931	13.018	VV	2382	50545	0.66%	0.034%
331	13.023	13.018	13.036	VV	196	1547	0.02%	0.001%
332	13.053	13.036	13.062	VV	209	2413	0.03%	0.002%
333	13.077	13.062	13.098	VV	372	4574	0.06%	0.003%
334	13.142	13.098	13.165	VV	1162	25674	0.33%	0.017%
335	13.184	13.165	13.191	VV	425	5743	0.07%	0.004%
336	13.207	13.191	13.223	VV	604	7562	0.10%	0.005%
337	13.252	13.223	13.275	PV	2134	35522	0.46%	0.024%
338	13.281	13.275	13.286	VV	1102	7012	0.09%	0.005%
339	13.293	13.286	13.330	VV	1038	19370	0.25%	0.013%
340	13.354	13.330	13.367	VV	741	13145	0.17%	0.009%
341	13.377	13.367	13.399	VV	1006	13543	0.18%	0.009%
342	13.404	13.399	13.414	VV	390	2989	0.04%	0.002%
343	13.434	13.414	13.463	VV	875	14967	0.19%	0.010%
344	13.467	13.463	13.479	VV	202	1160	0.02%	0.001%
345	13.518	13.479	13.553	VV	4164	122016	1.59%	0.082%
346	13.572	13.553	13.631	VV	3053	75658	0.98%	0.051%
347	13.641	13.631	13.654	VV	715	8598	0.11%	0.006%
348	13.670	13.654	13.690	VV	616	8876	0.12%	0.006%
349	13.729	13.690	13.822	VV	13614	213800	2.78%	0.145%
350	13.844	13.822	13.863	VV	621	8467	0.11%	0.006%
351	13.889	13.863	13.894	PV	734	9775	0.13%	0.007%
352	13.931	13.894	13.965	VV	923	26910	0.35%	0.018%
353	13.969	13.965	13.975	VV	299	1343	0.02%	0.001%
354	14.008	13.975	14.013	VV	877	12821	0.17%	0.009%
355	14.037	14.013	14.054	VV	2399	35224	0.46%	0.024%
356	14.087	14.054	14.153	VV	228931	2823549	36.75%	1.909%
357	14.172	14.153	14.183	VV	561	8610	0.11%	0.006%
358	14.215	14.183	14.244	VV	871	24043	0.31%	0.016%
359	14.249	14.244	14.266	VV	471	4138	0.05%	0.003%
360	14.296	14.266	14.302	PV	1020	10273	0.13%	0.007%
361	14.306	14.302	14.316	VV	1043	7365	0.10%	0.005%
362	14.322	14.316	14.341	VV	837	9399	0.12%	0.006%
363	14.388	14.341	14.408	VV	540	15681	0.20%	0.011%
364	14.417	14.408	14.422	VV	271	1291	0.02%	0.001%

365	14.448	14.422	14.463	VV	1070	15579	0.20%	0.011%
366	14.493	14.463	14.526	VV	2721	62062	0.81%	0.042%
367	14.538	14.526	14.543	VV	888	7924	0.10%	0.005%
368	14.592	14.543	14.611	VV	1633	42819	0.56%	0.029%
369	14.619	14.611	14.625	VV	895	6611	0.09%	0.004%
370	14.649	14.625	14.674	VV	5712	88862	1.16%	0.060%
371	14.685	14.674	14.694	VV	1760	18643	0.24%	0.013%
372	14.709	14.694	14.730	VV	2261	35543	0.46%	0.024%
373	14.768	14.730	14.802	VV	1268	38279	0.50%	0.026%
374	14.827	14.802	14.837	VV	447	7085	0.09%	0.005%
375	14.871	14.837	14.882	VV	1314	17910	0.23%	0.012%
376	14.899	14.882	14.919	VV	1411	20193	0.26%	0.014%
377	14.937	14.919	14.941	VV	1038	8358	0.11%	0.006%
378	14.946	14.941	14.955	VV	830	6183	0.08%	0.004%
379	14.986	14.955	15.021	VV	107857	1480249	19.26%	1.001%
380	15.046	15.021	15.062	VV	1271	26284	0.34%	0.018%
381	15.073	15.062	15.093	VV	954	13639	0.18%	0.009%
382	15.113	15.093	15.126	VV	1205	18084	0.24%	0.012%
383	15.191	15.126	15.222	VV	220261	2988604	38.89%	2.021%
384	15.235	15.222	15.255	VV	2792	40784	0.53%	0.028%
385	15.271	15.255	15.296	VV	1455	27937	0.36%	0.019%
386	15.322	15.296	15.336	VV	1241	23262	0.30%	0.016%
387	15.339	15.336	15.352	VV	1063	8971	0.12%	0.006%
388	15.362	15.352	15.368	VV	861	7519	0.10%	0.005%
389	15.382	15.368	15.404	VV	971	14080	0.18%	0.010%
390	15.458	15.404	15.480	PV	853	21780	0.28%	0.015%
391	15.524	15.480	15.543	VV	740	17768	0.23%	0.012%
392	15.571	15.543	15.681	PV	48608	920571	11.98%	0.622%
393	15.711	15.681	15.747	VV	9066	141931	1.85%	0.096%
394	15.782	15.747	15.803	VV	8216	128058	1.67%	0.087%
395	15.814	15.803	15.825	VV	1972	21697	0.28%	0.015%
396	15.848	15.825	15.873	VV	2219	39728	0.52%	0.027%
397	15.890	15.873	15.908	PV	977	13467	0.18%	0.009%
398	15.932	15.908	15.941	VV	1309	19890	0.26%	0.013%
399	15.970	15.941	15.989	VV	2188	39974	0.52%	0.027%
400	16.020	15.989	16.024	VV	1593	26883	0.35%	0.018%
401	16.043	16.024	16.063	VV	1623	30597	0.40%	0.021%
402	16.098	16.063	16.118	VV	3210	70453	0.92%	0.048%
403	16.123	16.118	16.132	VV	2128	17209	0.22%	0.012%
404	16.141	16.132	16.154	VV	1989	23420	0.30%	0.016%
405	16.173	16.154	16.179	VV	1958	26710	0.35%	0.018%
406	16.214	16.179	16.260	VV	206463	2756234	35.87%	1.864%
407	16.265	16.260	16.269	VV	2757	13990	0.18%	0.009%
408	16.277	16.269	16.296	VV	3048	35233	0.46%	0.024%
409	16.305	16.296	16.309	VV	1275	9413	0.12%	0.006%
410	16.319	16.309	16.326	VV	1438	12843	0.17%	0.009%
411	16.346	16.326	16.363	VV	1479	24833	0.32%	0.017%

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412	16.408	16.363	16.438	VV	3514	92068	1.20%	0.062%
413	16.507	16.438	16.532	VV	5740	146449	1.91%	0.099%
414	16.539	16.532	16.545	VV	1914	13836	0.18%	0.009%
415	16.552	16.545	16.557	VV	2096	13087	0.17%	0.009%
416	16.596	16.557	16.632	VV	5794	158972	2.07%	0.107%
417	16.637	16.632	16.644	VV	1249	8448	0.11%	0.006%
418	16.665	16.644	16.674	VV	2320	33356	0.43%	0.023%
419	16.697	16.674	16.723	VV	12285	178702	2.33%	0.121%
420	16.728	16.723	16.733	VV	728	3385	0.04%	0.002%
421	16.774	16.733	16.783	VV	2778	38922	0.51%	0.026%
422	16.791	16.783	16.806	VV	1768	20924	0.27%	0.014%
423	16.826	16.806	16.847	VV	3205	55171	0.72%	0.037%
424	16.862	16.847	16.870	VV	1798	19904	0.26%	0.013%
425	16.883	16.870	16.886	VV	1410	11671	0.15%	0.008%
426	16.909	16.886	16.917	VV	2346	30291	0.39%	0.020%
427	16.921	16.917	16.945	VV	1528	15256	0.20%	0.010%
428	17.000	16.945	17.004	PV	1567	42039	0.55%	0.028%
429	17.023	17.004	17.065	VV	3073	72094	0.94%	0.049%
430	17.085	17.065	17.092	PV	1319	12789	0.17%	0.009%
431	17.098	17.092	17.104	VV	899	4435	0.06%	0.003%
432	17.165	17.104	17.205	VV	196579	2783542	36.23%	1.882%
433	17.210	17.205	17.244	VV	4111	70797	0.92%	0.048%
434	17.257	17.244	17.263	VV	1826	19000	0.25%	0.013%
435	17.287	17.263	17.293	VV	1523	26619	0.35%	0.018%
436	17.303	17.293	17.312	VV	1681	16819	0.22%	0.011%
437	17.335	17.312	17.343	VV	2703	36684	0.48%	0.025%
438	17.354	17.343	17.369	VV	3180	42666	0.56%	0.029%
439	17.406	17.369	17.427	VV	5584	122748	1.60%	0.083%
440	17.433	17.427	17.437	VV	1973	9804	0.13%	0.007%
441	17.482	17.437	17.519	VV	4901	129239	1.68%	0.087%
442	17.555	17.519	17.560	VV	3548	67692	0.88%	0.046%
443	17.578	17.560	17.594	VV	6193	90347	1.18%	0.061%
444	17.613	17.594	17.636	VV	11344	167256	2.18%	0.113%
445	17.646	17.636	17.653	VV	3168	25618	0.33%	0.017%
446	17.656	17.653	17.664	VV	2792	12826	0.17%	0.009%
447	17.687	17.664	17.701	VV	2379	35892	0.47%	0.024%
448	17.728	17.701	17.756	VV	5445	95637	1.24%	0.065%
449	17.789	17.756	17.813	VV	4303	86907	1.13%	0.059%
450	17.817	17.813	17.829	VV	2048	16707	0.22%	0.011%
451	17.854	17.829	17.858	VV	1865	26175	0.34%	0.018%
452	17.881	17.858	17.892	VV	3263	48675	0.63%	0.033%
453	17.903	17.892	17.923	VV	2678	37077	0.48%	0.025%
454	17.963	17.923	17.986	VV	5100	122441	1.59%	0.083%
455	18.054	17.986	18.083	VV	196131	2906956	37.83%	1.965%
456	18.097	18.083	18.116	VV	5236	84081	1.09%	0.057%
457	18.144	18.116	18.154	VV	4960	83585	1.09%	0.057%
458	18.197	18.154	18.254	VV	18124	519343	6.76%	0.351%
459	18.259	18.254	18.269	VV	5965	46916	0.61%	0.032%

460	18.292	18.269	18.297	VV	rteres 5049	75513	0.98%	0.051%
461	18.300	18.297	18.304	VV	4564	18183	0.24%	0.012%
462	18.325	18.304	18.334	VV	5366	82953	1.08%	0.056%
463	18.374	18.334	18.384	VV	9202	193974	2.52%	0.131%
464	18.422	18.384	18.452	VV	23349	622193	8.10%	0.421%
465	18.476	18.452	18.496	VV	18105	340855	4.44%	0.230%
466	18.536	18.496	18.543	VV	9630	234075	3.05%	0.158%
467	18.566	18.543	18.589	VV	20398	398716	5.19%	0.270%
468	18.601	18.589	18.612	VV	10048	129397	1.68%	0.087%
469	18.625	18.612	18.634	VV	7833	99029	1.29%	0.067%
470	18.647	18.634	18.659	VV	8192	116164	1.51%	0.079%
471	18.689	18.659	18.694	VV	8888	167352	2.18%	0.113%
472	18.706	18.694	18.710	VV	9976	88594	1.15%	0.060%
473	18.719	18.710	18.730	VV	10089	110390	1.44%	0.075%
474	18.735	18.730	18.740	VV	9132	51929	0.68%	0.035%
475	18.754	18.740	18.761	VV	9955	113054	1.47%	0.076%
476	18.775	18.761	18.786	VV	10103	136452	1.78%	0.092%
477	18.792	18.786	18.815	VV	8302	134058	1.74%	0.091%
478	18.825	18.815	18.830	VV	7466	65797	0.86%	0.044%
479	18.889	18.830	18.923	VV	238259	3607679	46.95%	2.439%
480	18.945	18.923	18.962	VV	12940	261889	3.41%	0.177%
481	18.989	18.962	19.008	VV	22609	456015	5.93%	0.308%
482	19.038	19.008	19.058	VV	20964	515414	6.71%	0.348%
483	19.066	19.058	19.072	VV	16838	128595	1.67%	0.087%
484	19.088	19.072	19.109	VV	17111	347555	4.52%	0.235%
485	19.132	19.109	19.141	VV	16038	287997	3.75%	0.195%
486	19.160	19.141	19.167	VV	18009	261075	3.40%	0.177%
487	19.175	19.167	19.182	VV	17277	150232	1.96%	0.102%
488	19.209	19.182	19.217	VV	18232	369076	4.80%	0.250%
489	19.251	19.217	19.267	VV	35136	847460	11.03%	0.573%
490	19.282	19.267	19.306	VV	35612	750345	9.77%	0.507%
491	19.315	19.306	19.322	VV	28828	266323	3.47%	0.180%
492	19.325	19.322	19.338	VV	28710	254909	3.32%	0.172%
493	19.341	19.338	19.347	VV	24646	141491	1.84%	0.096%
494	19.351	19.347	19.359	VV	22912	152040	1.98%	0.103%
495	19.386	19.359	19.398	VV	26685	551943	7.18%	0.373%
496	19.402	19.398	19.409	VV	25017	164871	2.15%	0.111%
497	19.417	19.409	19.424	VV	23600	205988	2.68%	0.139%
498	19.450	19.424	19.458	VV	23119	441573	5.75%	0.299%
499	19.485	19.458	19.502	VV	26694	634147	8.25%	0.429%
500	19.509	19.502	19.513	VV	24466	161153	2.10%	0.109%
501	19.518	19.513	19.522	VV	24590	126954	1.65%	0.086%
502	19.533	19.522	19.544	VV	24620	318818	4.15%	0.216%
503	19.570	19.544	19.585	VV	28698	644571	8.39%	0.436%
504	19.614	19.585	19.622	VV	30898	631007	8.21%	0.427%
505	19.632	19.622	19.637	VV	30486	267930	3.49%	0.181%
506	19.676	19.637	19.724	VV	301792	5497184	71.54%	3.717%

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507	19.734	19.724	19.747	VV	34757	439519	5.72%	0.297%
508	19.804	19.747	19.820	VV	40534	1615095	21.02%	1.092%
509	19.854	19.820	19.867	VV	38540	1033461	13.45%	0.699%
510	19.872	19.867	19.881	VV	36416	284741	3.71%	0.193%
511	19.905	19.881	19.922	VV	41796	956508	12.45%	0.647%
512	19.930	19.922	19.937	VV	39721	346726	4.51%	0.234%
513	19.957	19.937	19.979	VV	42702	1018226	13.25%	0.688%
514	20.003	19.979	20.010	VV	42253	748675	9.74%	0.506%
515	20.051	20.010	20.069	VV	56996	1787994	23.27%	1.209%
516	20.076	20.069	20.081	VV	52977	374427	4.87%	0.253%
517	20.088	20.081	20.117	VV	53660	1042127	13.56%	0.705%
518	20.122	20.117	20.127	VV	43542	248665	3.24%	0.168%
519	20.131	20.127	20.136	VV	43081	239243	3.11%	0.162%
520	20.142	20.136	20.152	VV	43481	400082	5.21%	0.270%
521	20.166	20.152	20.175	VV	42310	580107	7.55%	0.392%
522	20.202	20.175	20.207	VV	47487	855857	11.14%	0.579%
523	20.222	20.207	20.230	VV	47492	647098	8.42%	0.438%
524	20.235	20.230	20.239	VV	45976	244111	3.18%	0.165%
525	20.262	20.239	20.266	VV	52725	789490	10.27%	0.534%
526	20.291	20.266	20.305	VV	60454	1329512	17.30%	0.899%
527	20.324	20.305	20.338	VV	64507	1218021	15.85%	0.824%
528	20.350	20.338	20.365	VV	62993	1009128	13.13%	0.682%
529	20.372	20.365	20.377	VV	60805	441257	5.74%	0.298%
530	20.418	20.377	20.454	VV	367802	7271107	94.63%	4.916%
531	20.485	20.454	20.494	VV	63878	1438836	18.73%	0.973%
532	20.501	20.494	20.505	VV	64844	428091	5.57%	0.289%
533	20.514	20.505	20.529	VV	66758	909868	11.84%	0.615%
534	20.553	20.529	20.557	VV	70047	1108339	14.42%	0.749%
535	20.579	20.557	20.608	VV	84980	2329734	30.32%	1.575%
536	20.616	20.608	20.638	VV	76817	1338352	17.42%	0.905%
537	20.656	20.638	20.660	VV	73288	906966	11.80%	0.613%
538	20.664	20.660	20.673	VV	72050	559966	7.29%	0.379%
539	20.681	20.673	20.686	VV	70225	524284	6.82%	0.354%
540	20.690	20.686	20.722	VV	70566	1411806	18.37%	0.955%
541	20.727	20.722	20.732	VV	62106	374438	4.87%	0.253%
542	20.739	20.732	20.743	VV	64066	405881	5.28%	0.274%
543	20.777	20.743	20.794	VV	74456	2126090	27.67%	1.437%
544	20.798	20.794	20.801	VV	70480	279027	3.63%	0.189%
545	20.827	20.801	20.839	VV	74413	1616454	21.04%	1.093%
546	20.843	20.839	20.854	VV	69573	626791	8.16%	0.424%
547	20.858	20.854	20.861	VV	66827	265616	3.46%	0.180%
548	20.871	20.861	20.882	VV	69156	862875	11.23%	0.583%
549	20.896	20.882	20.930	VV	69293	1882943	24.51%	1.273%
550	20.935	20.930	20.939	VV	63345	356149	4.64%	0.241%
551	20.942	20.939	20.960	VV	61445	744766	9.69%	0.504%
552	20.966	20.960	20.994	VV	59870	1189812	15.48%	0.804%
553	21.006	20.994	21.011	VV	59947	571036	7.43%	0.386%
554	21.031	21.011	21.042	VV	62918	1142964	14.87%	0.773%

555	21.045	21.042	21.053	VV	rteres 61740	382475	4.98%	0.259%
556	21.068	21.053	21.082	VV	64304	1114366	14.50%	0.753%
557	21.094	21.082	21.115	VV	64187	1226760	15.97%	0.829%
558	21.156	21.115	21.204	VV	338640	7683860	100.00%	5.195%
559	21.218	21.204	21.224	VV	43134	513901	6.69%	0.347%
560	21.229	21.224	21.235	VV	42680	271047	3.53%	0.183%
561	21.243	21.235	21.247	VV	42052	288210	3.75%	0.195%
562	21.255	21.247	21.260	VV	44396	327931	4.27%	0.222%
563	21.266	21.260	21.277	VV	44958	452513	5.89%	0.306%
564	21.288	21.277	21.292	VV	45589	410787	5.35%	0.278%
565	21.298	21.292	21.304	VV	46919	335697	4.37%	0.227%
566	21.316	21.304	21.320	VV	45232	424449	5.52%	0.287%
567	21.325	21.320	21.330	VV	45627	274770	3.58%	0.186%
568	21.337	21.330	21.357	VV	46854	701523	9.13%	0.474%
569	21.361	21.357	21.366	VV	42570	242447	3.16%	0.164%
570	21.373	21.366	21.378	VV	43056	310233	4.04%	0.210%
571	21.390	21.378	21.396	VV	44216	447594	5.83%	0.303%
572	21.416	21.396	21.423	VV	45903	728152	9.48%	0.492%
573	21.438	21.423	21.532	VV	48024	2466993	32.11%	1.668%
574	21.546	21.532	21.550	VV	30808	315992	4.11%	0.214%
575	21.580	21.550	21.608	VV	39816	1199414	15.61%	0.811%
576	21.625	21.608	21.659	VV	31909	929401	12.10%	0.628%
577	21.668	21.659	21.673	VV	27150	233588	3.04%	0.158%
578	21.678	21.673	21.698	VV	26515	370647	4.82%	0.251%
579	21.713	21.698	21.720	VV	25227	317723	4.13%	0.215%
580	21.725	21.720	21.730	VV	26326	151477	1.97%	0.102%
581	21.746	21.730	21.750	VV	29501	327006	4.26%	0.221%
582	21.756	21.750	21.762	VV	28215	194471	2.53%	0.131%
583	21.779	21.762	21.784	VV	28827	378834	4.93%	0.256%
584	21.788	21.784	21.852	VV	27901	846923	11.02%	0.573%
585	21.864	21.852	21.874	VV	14581	183434	2.39%	0.124%
586	21.945	21.874	21.956	VV	20546	792257	10.31%	0.536%
587	21.966	21.956	21.999	VV	19753	455260	5.92%	0.308%
588	22.003	21.999	22.011	VV	13100	85084	1.11%	0.058%
589	22.070	22.011	22.124	VV	227204	5596102	72.83%	3.784%
590	22.142	22.124	22.185	VV	7928	176834	2.30%	0.120%
591	22.191	22.185	22.196	VV	1213	5259	0.07%	0.004%
Sum of corrected areas:						147905609		

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