

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062923\
 Data File : FG012317.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2023 15:04
 Sample : 03428-03MSD
 Misc :
 ALS Vial : 16 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	1.637	1.612	1.672	BV	1193	3983	0.05%	0.003%
2	1.676	1.672	1.690	PV	64	304	0.00%	0.000%
3	1.700	1.690	1.712	PV	235	1754	0.02%	0.001%
4	1.735	1.712	1.792	VV	550	12228	0.16%	0.008%
5	1.809	1.792	1.834	PV	395	6952	0.09%	0.005%
6	1.842	1.834	1.863	VV	377	4765	0.06%	0.003%
7	1.872	1.863	1.885	VV	432	4245	0.05%	0.003%
8	1.896	1.885	1.916	VV	353	5075	0.07%	0.003%
9	1.920	1.916	1.942	VV	227	2042	0.03%	0.001%
10	1.961	1.942	1.982	VV	287	3460	0.04%	0.002%
11	2.021	1.982	2.097	VV	172691	2137225	27.68%	1.468%
12	2.102	2.097	2.141	VV	409	5431	0.07%	0.004%
13	2.146	2.141	2.151	VV	65	347	0.00%	0.000%
14	2.165	2.151	2.188	VV	109	1471	0.02%	0.001%
15	2.194	2.188	2.203	PV	64	335	0.00%	0.000%
16	2.213	2.203	2.221	VV	53	459	0.01%	0.000%
17	2.227	2.221	2.259	VV	155	1592	0.02%	0.001%
18	2.269	2.259	2.279	VV	115	811	0.01%	0.001%
19	2.305	2.279	2.312	VV	257	3385	0.04%	0.002%
20	2.326	2.312	2.360	VV	852	13226	0.17%	0.009%
21	2.364	2.360	2.378	VV	232	1593	0.02%	0.001%
22	2.387	2.378	2.394	VV	171	1207	0.02%	0.001%
23	2.411	2.394	2.434	VV	248	4195	0.05%	0.003%
24	2.439	2.434	2.450	VV	138	1077	0.01%	0.001%
25	2.456	2.450	2.462	VV	115	593	0.01%	0.000%
26	2.464	2.462	2.481	VV	118	844	0.01%	0.001%
27	2.486	2.481	2.507	VV	91	912	0.01%	0.001%
28	2.540	2.507	2.548	VV	155	2298	0.03%	0.002%
29	2.553	2.548	2.564	VV	156	950	0.01%	0.001%
30	2.568	2.564	2.573	VV	90	460	0.01%	0.000%
31	2.581	2.573	2.587	VV	137	729	0.01%	0.001%

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32	2.599	2.587	2.604	VV	131	1146	0.01%	0.001%
33	2.618	2.604	2.637	VV	185	2371	0.03%	0.002%
34	2.641	2.637	2.656	VV	67	609	0.01%	0.000%
35	2.662	2.656	2.673	PV	84	590	0.01%	0.000%
36	2.687	2.673	2.702	VV	127	1728	0.02%	0.001%
37	2.720	2.702	2.725	VV	180	1769	0.02%	0.001%
38	2.729	2.725	2.746	VV	150	1415	0.02%	0.001%
39	2.750	2.746	2.762	VV	130	883	0.01%	0.001%
40	2.768	2.762	2.777	VV	105	693	0.01%	0.000%
41	2.780	2.777	2.789	VV	104	564	0.01%	0.000%
42	2.816	2.789	2.838	VV	231	4346	0.06%	0.003%
43	2.842	2.838	2.855	VV	161	1203	0.02%	0.001%
44	2.860	2.855	2.867	VV	96	595	0.01%	0.000%
45	2.869	2.867	2.873	VV	132	356	0.00%	0.000%
46	2.878	2.873	2.882	VV	133	539	0.01%	0.000%
47	2.889	2.882	2.896	VV	143	838	0.01%	0.001%
48	2.927	2.896	2.947	VV	368	7452	0.10%	0.005%
49	2.951	2.947	2.962	VV	297	2291	0.03%	0.002%
50	2.981	2.962	3.007	VV	340	6821	0.09%	0.005%
51	3.035	3.007	3.058	VV	450	9821	0.13%	0.007%
52	3.060	3.058	3.079	VV	421	3830	0.05%	0.003%
53	3.083	3.079	3.088	VV	281	1434	0.02%	0.001%
54	3.093	3.088	3.123	VV	290	4349	0.06%	0.003%
55	3.133	3.123	3.139	VV	230	1954	0.03%	0.001%
56	3.145	3.139	3.158	VV	245	2173	0.03%	0.001%
57	3.161	3.158	3.165	VV	196	752	0.01%	0.001%
58	3.181	3.165	3.188	VV	220	2587	0.03%	0.002%
59	3.220	3.188	3.236	VV	278	6491	0.08%	0.004%
60	3.245	3.236	3.258	VV	253	2724	0.04%	0.002%
61	3.277	3.258	3.350	VV	452	15966	0.21%	0.011%
62	3.363	3.350	3.373	VV	264	3039	0.04%	0.002%
63	3.397	3.373	3.406	VV	318	5139	0.07%	0.004%
64	3.426	3.406	3.436	VV	608	8370	0.11%	0.006%
65	3.442	3.436	3.470	VV	552	10211	0.13%	0.007%
66	3.482	3.470	3.491	VV	540	6275	0.08%	0.004%
67	3.518	3.491	3.526	VV	612	11020	0.14%	0.008%
68	3.530	3.526	3.575	VV	599	13713	0.18%	0.009%
69	3.585	3.575	3.592	VV	484	4024	0.05%	0.003%
70	3.596	3.592	3.633	VV	490	9194	0.12%	0.006%
71	3.643	3.633	3.649	VV	289	2367	0.03%	0.002%
72	3.659	3.649	3.702	VV	315	7783	0.10%	0.005%
73	3.732	3.702	3.758	VV	469	11410	0.15%	0.008%
74	3.762	3.758	3.773	VV	267	2198	0.03%	0.002%
75	3.782	3.773	3.787	VV	317	2092	0.03%	0.001%
76	3.791	3.787	3.797	VV	310	1700	0.02%	0.001%
77	3.802	3.797	3.829	VV	293	4503	0.06%	0.003%
78	3.834	3.829	3.843	VV	227	1628	0.02%	0.001%
79	3.847	3.843	3.852	VV	234	1079	0.01%	0.001%

80	3.857	3.852	3.870	VV	261	2374	0.03%	0.002%
81	3.880	3.870	3.888	VV	259	2382	0.03%	0.002%
82	3.892	3.888	3.897	VV	243	1045	0.01%	0.001%
83	3.905	3.897	3.935	VV	271	4243	0.05%	0.003%
84	3.940	3.935	3.947	VV	149	815	0.01%	0.001%
85	3.971	3.947	3.979	VV	309	4545	0.06%	0.003%
86	3.989	3.979	4.033	VV	299	6416	0.08%	0.004%
87	4.047	4.033	4.054	VV	255	2101	0.03%	0.001%
88	4.071	4.054	4.084	VV	280	3893	0.05%	0.003%
89	4.102	4.084	4.124	VV	525	8900	0.12%	0.006%
90	4.147	4.124	4.165	VV	1041	17965	0.23%	0.012%
91	4.178	4.165	4.219	VV	806	16521	0.21%	0.011%
92	4.222	4.219	4.228	VV	251	1233	0.02%	0.001%
93	4.236	4.228	4.249	VV	281	3069	0.04%	0.002%
94	4.269	4.249	4.287	VV	473	7463	0.10%	0.005%
95	4.305	4.287	4.333	VV	658	12743	0.17%	0.009%
96	4.340	4.333	4.354	VV	379	3935	0.05%	0.003%
97	4.358	4.354	4.366	VV	264	1845	0.02%	0.001%
98	4.388	4.366	4.395	VV	344	5193	0.07%	0.004%
99	4.399	4.395	4.405	VV	275	1463	0.02%	0.001%
100	4.416	4.405	4.453	VV	291	5673	0.07%	0.004%
101	4.465	4.453	4.473	VV	184	1863	0.02%	0.001%
102	4.477	4.473	4.489	VV	161	1330	0.02%	0.001%
103	4.527	4.489	4.601	VV	261413	2746713	35.57%	1.887%
104	4.605	4.601	4.641	VV	466	8646	0.11%	0.006%
105	4.656	4.641	4.683	VV	323	6680	0.09%	0.005%
106	4.703	4.683	4.728	VV	716	11120	0.14%	0.008%
107	4.733	4.728	4.737	VV	275	1478	0.02%	0.001%
108	4.741	4.737	4.769	VV	314	4119	0.05%	0.003%
109	4.782	4.769	4.793	VV	230	2640	0.03%	0.002%
110	4.810	4.793	4.825	VV	526	6544	0.08%	0.004%
111	4.839	4.825	4.848	VV	450	4889	0.06%	0.003%
112	4.865	4.848	4.884	VV	310	5632	0.07%	0.004%
113	4.890	4.884	4.907	VV	282	2636	0.03%	0.002%
114	4.944	4.907	4.958	VV	320	6825	0.09%	0.005%
115	4.963	4.958	4.968	VV	231	1177	0.02%	0.001%
116	4.985	4.968	5.013	VV	320	6300	0.08%	0.004%
117	5.038	5.013	5.058	VV	359	6560	0.08%	0.005%
118	5.063	5.058	5.068	VV	148	699	0.01%	0.000%
119	5.071	5.068	5.076	VV	128	488	0.01%	0.000%
120	5.082	5.076	5.087	VV	146	537	0.01%	0.000%
121	5.091	5.087	5.099	VV	121	734	0.01%	0.001%
122	5.155	5.099	5.176	VV	533	15623	0.20%	0.011%
123	5.200	5.176	5.221	VV	607	12789	0.17%	0.009%
124	5.233	5.221	5.248	VV	408	5515	0.07%	0.004%
125	5.257	5.248	5.262	VV	353	2827	0.04%	0.002%
126	5.279	5.262	5.296	VV	490	7488	0.10%	0.005%

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127	5.306	5.296	5.331	VV	308	5082	0.07%	0.003%
128	5.357	5.331	5.385	VV	450	10110	0.13%	0.007%
129	5.401	5.385	5.429	VV	211	3430	0.04%	0.002%
130	5.446	5.429	5.457	VV	239	2633	0.03%	0.002%
131	5.478	5.457	5.505	VV	809	12824	0.17%	0.009%
132	5.508	5.505	5.529	VV	420	3873	0.05%	0.003%
133	5.542	5.529	5.576	VV	351	6202	0.08%	0.004%
134	5.579	5.576	5.593	VV	165	1146	0.01%	0.001%
135	5.605	5.593	5.622	VV	142	1563	0.02%	0.001%
136	5.639	5.622	5.647	PV	101	698	0.01%	0.000%
137	5.665	5.647	5.710	VV	1834	23438	0.30%	0.016%
138	5.714	5.710	5.724	VV	101	665	0.01%	0.000%
139	5.742	5.724	5.768	VV	452	5636	0.07%	0.004%
140	5.795	5.768	5.832	VV	637	14312	0.19%	0.010%
141	5.848	5.832	5.889	VV	308	7130	0.09%	0.005%
142	5.926	5.889	5.953	VV	542	8982	0.12%	0.006%
143	5.972	5.953	5.986	VV	252	3763	0.05%	0.003%
144	5.994	5.986	6.027	VV	191	2553	0.03%	0.002%
145	6.042	6.027	6.052	VV	113	1023	0.01%	0.001%
146	6.055	6.052	6.064	VV	87	342	0.00%	0.000%
147	6.078	6.064	6.086	VV	63	512	0.01%	0.000%
148	6.107	6.086	6.117	VV	172	1884	0.02%	0.001%
149	6.124	6.117	6.128	VV	214	1297	0.02%	0.001%
150	6.142	6.128	6.165	VV	359	5567	0.07%	0.004%
151	6.170	6.165	6.177	VV	178	1191	0.02%	0.001%
152	6.193	6.177	6.212	VV	240	3733	0.05%	0.003%
153	6.265	6.212	6.323	VV	742	25811	0.33%	0.018%
154	6.340	6.323	6.370	VV	484	8215	0.11%	0.006%
155	6.410	6.370	6.456	VV	620	16989	0.22%	0.012%
156	6.484	6.456	6.511	VV	455	11001	0.14%	0.008%
157	6.516	6.511	6.522	VV	299	1864	0.02%	0.001%
158	6.540	6.522	6.575	VV	796	15713	0.20%	0.011%
159	6.588	6.575	6.607	VV	450	6713	0.09%	0.005%
160	6.622	6.607	6.643	VV	323	5606	0.07%	0.004%
161	6.647	6.643	6.654	VV	247	1411	0.02%	0.001%
162	6.657	6.654	6.666	VV	211	1348	0.02%	0.001%
163	6.696	6.666	6.762	VV	276677	2799203	36.25%	1.923%
164	6.773	6.762	6.804	VV	650	12828	0.17%	0.009%
165	6.808	6.804	6.831	VV	426	5878	0.08%	0.004%
166	6.849	6.831	6.893	VV	614	15936	0.21%	0.011%
167	6.904	6.893	6.913	VV	279	3042	0.04%	0.002%
168	6.917	6.913	6.946	VV	273	3892	0.05%	0.003%
169	6.959	6.946	6.968	VV	327	3369	0.04%	0.002%
170	6.982	6.968	7.008	VV	317	5248	0.07%	0.004%
171	7.023	7.008	7.039	VV	182	2414	0.03%	0.002%
172	7.054	7.039	7.072	VV	176	1766	0.02%	0.001%
173	7.101	7.072	7.127	PV	231	4121	0.05%	0.003%
174	7.155	7.127	7.175	VV	386	6644	0.09%	0.005%

175	7.198	7.175	7.236	VV	rteres 932	20503	0.27%	0.014%
176	7.240	7.236	7.258	VV	493	5245	0.07%	0.004%
177	7.268	7.258	7.299	VV	348	6838	0.09%	0.005%
178	7.318	7.299	7.332	VV	368	5084	0.07%	0.003%
179	7.337	7.332	7.345	VV	289	2226	0.03%	0.002%
180	7.347	7.345	7.358	VV	287	2022	0.03%	0.001%
181	7.376	7.358	7.409	VV	1071	18657	0.24%	0.013%
182	7.414	7.409	7.457	VV	411	7074	0.09%	0.005%
183	7.474	7.457	7.496	VV	273	4261	0.06%	0.003%
184	7.516	7.496	7.532	VV	669	8929	0.12%	0.006%
185	7.542	7.532	7.575	VV	430	7002	0.09%	0.005%
186	7.592	7.575	7.608	VV	271	3885	0.05%	0.003%
187	7.642	7.608	7.695	VV	1011	19138	0.25%	0.013%
188	7.714	7.695	7.750	VV	224	4912	0.06%	0.003%
189	7.753	7.750	7.758	VV	95	357	0.00%	0.000%
190	7.774	7.758	7.801	VV	260	3907	0.05%	0.003%
191	7.821	7.801	7.839	VV	225	3801	0.05%	0.003%
192	7.844	7.839	7.849	VV	86	366	0.00%	0.000%
193	7.859	7.849	7.871	VV	110	966	0.01%	0.001%
194	7.877	7.871	7.885	VV	128	866	0.01%	0.001%
195	7.889	7.885	7.905	VV	132	1266	0.02%	0.001%
196	7.927	7.905	7.954	VV	1119	14349	0.19%	0.010%
197	7.958	7.954	7.964	VV	164	705	0.01%	0.000%
198	7.973	7.964	7.987	VV	145	1615	0.02%	0.001%
199	8.011	7.987	8.042	VV	239	4690	0.06%	0.003%
200	8.072	8.042	8.079	PV	687	7989	0.10%	0.005%
201	8.097	8.079	8.153	VV	1756	28425	0.37%	0.020%
202	8.170	8.153	8.192	VV	292	5064	0.07%	0.003%
203	8.213	8.192	8.232	VV	568	7507	0.10%	0.005%
204	8.271	8.232	8.290	VV	614	13131	0.17%	0.009%
205	8.294	8.290	8.299	VV	247	1125	0.01%	0.001%
206	8.303	8.299	8.317	VV	253	1892	0.02%	0.001%
207	8.323	8.317	8.329	VV	193	1069	0.01%	0.001%
208	8.344	8.329	8.374	VV	367	5541	0.07%	0.004%
209	8.423	8.374	8.470	VV	1057	26942	0.35%	0.019%
210	8.524	8.470	8.615	VV	255348	2747823	35.59%	1.888%
211	8.634	8.615	8.659	VV	1247	29393	0.38%	0.020%
212	8.680	8.659	8.743	VV	1001	36234	0.47%	0.025%
213	8.755	8.743	8.802	VV	554	15588	0.20%	0.011%
214	8.810	8.802	8.827	VV	318	4306	0.06%	0.003%
215	8.831	8.827	8.837	VV	225	1280	0.02%	0.001%
216	8.859	8.837	8.867	VV	352	5036	0.07%	0.003%
217	8.927	8.867	8.944	VV	1638	39501	0.51%	0.027%
218	8.955	8.944	8.975	VV	1358	18656	0.24%	0.013%
219	8.981	8.975	8.987	VV	779	5438	0.07%	0.004%
220	9.002	8.987	9.037	VV	971	23328	0.30%	0.016%
221	9.062	9.037	9.100	VV	968	22271	0.29%	0.015%

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222	9.136	9.100	9.167	VV	835	20072	0.26%	0.014%
223	9.174	9.167	9.190	VV	475	5390	0.07%	0.004%
224	9.215	9.190	9.226	VV	436	7705	0.10%	0.005%
225	9.269	9.226	9.316	VV	1632	42111	0.55%	0.029%
226	9.324	9.316	9.328	VV	332	2099	0.03%	0.001%
227	9.351	9.328	9.381	VV	1836	27481	0.36%	0.019%
228	9.388	9.381	9.407	VV	457	5246	0.07%	0.004%
229	9.412	9.407	9.424	VV	261	1963	0.03%	0.001%
230	9.439	9.424	9.469	VV	210	3161	0.04%	0.002%
231	9.477	9.469	9.483	PV	111	423	0.01%	0.000%
232	9.503	9.483	9.521	VV	257	3239	0.04%	0.002%
233	9.535	9.521	9.569	VV	267	4817	0.06%	0.003%
234	9.586	9.569	9.603	VV	185	2238	0.03%	0.002%
235	9.618	9.603	9.622	PV	107	696	0.01%	0.000%
236	9.643	9.622	9.652	VV	246	3049	0.04%	0.002%
237	9.657	9.652	9.666	VV	214	1423	0.02%	0.001%
238	9.686	9.666	9.713	VV	2293	35384	0.46%	0.024%
239	9.732	9.713	9.757	VV	1147	22009	0.29%	0.015%
240	9.769	9.757	9.791	VV	692	10700	0.14%	0.007%
241	9.812	9.791	9.833	VV	597	10524	0.14%	0.007%
242	9.886	9.833	9.894	VV	1053	18842	0.24%	0.013%
243	9.911	9.894	9.938	VV	3621	40846	0.53%	0.028%
244	9.967	9.938	9.977	PV	706	9273	0.12%	0.006%
245	10.001	9.977	10.059	VV	90044	1050579	13.61%	0.722%
246	10.067	10.059	10.101	VV	3192	50817	0.66%	0.035%
247	10.133	10.101	10.224	VV	265687	2913628	37.73%	2.002%
248	10.237	10.224	10.257	VV	871	13181	0.17%	0.009%
249	10.286	10.257	10.335	VV	1461	35495	0.46%	0.024%
250	10.338	10.335	10.345	VV	253	1278	0.02%	0.001%
251	10.349	10.345	10.375	VV	207	2524	0.03%	0.002%
252	10.379	10.375	10.388	VV	89	710	0.01%	0.000%
253	10.403	10.388	10.420	VV	219	2486	0.03%	0.002%
254	10.473	10.420	10.504	PV	19069	220709	2.86%	0.152%
255	10.519	10.504	10.544	VV	1433	23109	0.30%	0.016%
256	10.555	10.544	10.562	VV	588	5471	0.07%	0.004%
257	10.571	10.562	10.595	VV	690	11257	0.15%	0.008%
258	10.608	10.595	10.631	VV	536	8144	0.11%	0.006%
259	10.653	10.631	10.700	VV	1082	22174	0.29%	0.015%
260	10.719	10.700	10.735	VV	496	6394	0.08%	0.004%
261	10.780	10.735	10.789	VV	993	20138	0.26%	0.014%
262	10.794	10.789	10.811	VV	892	10230	0.13%	0.007%
263	10.828	10.811	10.856	VV	1639	31568	0.41%	0.022%
264	10.872	10.856	10.915	VV	2096	30145	0.39%	0.021%
265	10.944	10.915	10.967	VV	1551	25375	0.33%	0.017%
266	10.973	10.967	10.989	VV	608	6290	0.08%	0.004%
267	10.996	10.989	11.012	VV	328	3581	0.05%	0.002%
268	11.031	11.012	11.036	VV	383	3965	0.05%	0.003%
269	11.040	11.036	11.069	VV	348	3804	0.05%	0.003%

270	11.099	11.069	11.113	PV	rteres 495	6935	0.09%	0.005%
271	11.155	11.113	11.178	VV	1544	27683	0.36%	0.019%
272	11.191	11.178	11.195	VV	611	5456	0.07%	0.004%
273	11.199	11.195	11.227	VV	618	8984	0.12%	0.006%
274	11.247	11.227	11.282	VV	847	16302	0.21%	0.011%
275	11.298	11.282	11.303	VV	324	3319	0.04%	0.002%
276	11.324	11.303	11.339	VV	341	5903	0.08%	0.004%
277	11.345	11.339	11.359	VV	234	1968	0.03%	0.001%
278	11.380	11.359	11.407	VV	2286	25701	0.33%	0.018%
279	11.434	11.407	11.455	PV	683	10053	0.13%	0.007%
280	11.464	11.455	11.470	VV	185	1289	0.02%	0.001%
281	11.507	11.470	11.533	VV	1138	17975	0.23%	0.012%
282	11.577	11.533	11.632	VV	257578	2950191	38.21%	2.027%
283	11.655	11.632	11.690	VV	3018	54492	0.71%	0.037%
284	11.696	11.690	11.711	VV	235	2171	0.03%	0.001%
285	11.732	11.711	11.747	VV	490	6297	0.08%	0.004%
286	11.768	11.747	11.801	VV	704	12070	0.16%	0.008%
287	11.843	11.801	11.861	VV	1165	20249	0.26%	0.014%
288	11.869	11.861	11.908	VV	734	13814	0.18%	0.009%
289	11.933	11.908	11.954	VV	572	11297	0.15%	0.008%
290	11.970	11.954	12.017	VV	779	20383	0.26%	0.014%
291	12.057	12.017	12.071	VV	958	18824	0.24%	0.013%
292	12.088	12.071	12.108	VV	803	13306	0.17%	0.009%
293	12.125	12.108	12.159	VV	648	10651	0.14%	0.007%
294	12.188	12.159	12.204	PV	676	10019	0.13%	0.007%
295	12.245	12.204	12.283	VV	2606	56096	0.73%	0.039%
296	12.303	12.283	12.314	VV	674	9385	0.12%	0.006%
297	12.338	12.314	12.374	VV	3597	52145	0.68%	0.036%
298	12.379	12.374	12.389	VV	557	4118	0.05%	0.003%
299	12.406	12.389	12.426	VV	878	12715	0.16%	0.009%
300	12.437	12.426	12.442	VV	457	3341	0.04%	0.002%
301	12.446	12.442	12.453	VV	381	2340	0.03%	0.002%
302	12.501	12.453	12.565	VV	67882	884690	11.46%	0.608%
303	12.578	12.565	12.599	VV	1448	26241	0.34%	0.018%
304	12.617	12.599	12.641	VV	1574	30543	0.40%	0.021%
305	12.659	12.641	12.688	VV	1040	22205	0.29%	0.015%
306	12.712	12.688	12.725	VV	993	15879	0.21%	0.011%
307	12.731	12.725	12.772	VV	764	13242	0.17%	0.009%
308	12.833	12.772	12.853	VV	1669	39123	0.51%	0.027%
309	12.889	12.853	12.930	VV	234049	2828559	36.63%	1.943%
310	12.956	12.930	12.992	VV	2180	43483	0.56%	0.030%
311	12.999	12.992	13.019	VV	680	7025	0.09%	0.005%
312	13.036	13.019	13.057	VV	394	4634	0.06%	0.003%
313	13.082	13.057	13.104	VV	381	6217	0.08%	0.004%
314	13.143	13.104	13.172	VV	1234	25951	0.34%	0.018%
315	13.202	13.172	13.224	VV	585	12316	0.16%	0.008%
316	13.255	13.224	13.272	PV	2190	32277	0.42%	0.022%

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317	13.282	13.272	13.325	VV	1244	28161	0.36%	0.019%
318	13.379	13.325	13.412	VV	1019	33599	0.44%	0.023%
319	13.438	13.412	13.478	VV	945	19788	0.26%	0.014%
320	13.519	13.478	13.557	PV	4125	125077	1.62%	0.086%
321	13.573	13.557	13.630	VV	3016	70554	0.91%	0.048%
322	13.644	13.630	13.658	VV	646	9595	0.12%	0.007%
323	13.673	13.658	13.688	VV	571	7383	0.10%	0.005%
324	13.731	13.688	13.792	VV	12532	190304	2.46%	0.131%
325	13.800	13.792	13.820	VV	575	6334	0.08%	0.004%
326	13.846	13.820	13.862	PV	545	7208	0.09%	0.005%
327	13.884	13.862	13.896	VV	762	9491	0.12%	0.007%
328	13.926	13.896	13.958	VV	1021	22261	0.29%	0.015%
329	13.967	13.958	13.973	VV	242	1806	0.02%	0.001%
330	13.977	13.973	13.981	VV	183	564	0.01%	0.000%
331	14.008	13.981	14.017	PV	852	12032	0.16%	0.008%
332	14.038	14.017	14.056	VV	2131	30360	0.39%	0.021%
333	14.088	14.056	14.171	VV	225455	2771555	35.89%	1.904%
334	14.175	14.171	14.179	VV	329	1195	0.02%	0.001%
335	14.201	14.179	14.218	VV	786	12283	0.16%	0.008%
336	14.226	14.218	14.230	VV	586	3990	0.05%	0.003%
337	14.235	14.230	14.253	VV	573	4684	0.06%	0.003%
338	14.271	14.253	14.278	PV	162	1346	0.02%	0.001%
339	14.305	14.278	14.322	VV	849	15601	0.20%	0.011%
340	14.326	14.322	14.341	VV	631	4130	0.05%	0.003%
341	14.356	14.341	14.373	VV	503	4921	0.06%	0.003%
342	14.389	14.373	14.413	VV	422	5993	0.08%	0.004%
343	14.453	14.413	14.459	PV	947	12325	0.16%	0.008%
344	14.492	14.459	14.524	VV	2624	60629	0.79%	0.042%
345	14.546	14.524	14.559	VV	903	15132	0.20%	0.010%
346	14.600	14.559	14.628	VV	1679	41963	0.54%	0.029%
347	14.650	14.628	14.676	VV	5981	89161	1.15%	0.061%
348	14.686	14.676	14.696	VV	1800	18849	0.24%	0.013%
349	14.712	14.696	14.732	VV	2311	35787	0.46%	0.025%
350	14.769	14.732	14.785	VV	1399	31857	0.41%	0.022%
351	14.789	14.785	14.805	VV	603	5214	0.07%	0.004%
352	14.824	14.805	14.840	VV	516	7426	0.10%	0.005%
353	14.875	14.840	14.887	VV	1332	19610	0.25%	0.013%
354	14.904	14.887	14.923	VV	1228	19450	0.25%	0.013%
355	14.939	14.923	14.955	VV	870	11553	0.15%	0.008%
356	14.989	14.955	15.022	VV	107634	1452887	18.82%	0.998%
357	15.041	15.022	15.065	VV	1450	28709	0.37%	0.020%
358	15.072	15.065	15.089	VV	832	8980	0.12%	0.006%
359	15.115	15.089	15.127	VV	1140	15988	0.21%	0.011%
360	15.193	15.127	15.223	VV	218304	2937020	38.04%	2.018%
361	15.231	15.223	15.256	VV	2570	37656	0.49%	0.026%
362	15.276	15.256	15.282	VV	1353	19452	0.25%	0.013%
363	15.287	15.282	15.306	VV	1195	12226	0.16%	0.008%
364	15.328	15.306	15.341	VV	1333	20305	0.26%	0.014%

365	15.346	15.341	15.362	VV	rteres 981	10667	0.14%	0.007%
366	15.385	15.362	15.402	VV	1015	15547	0.20%	0.011%
367	15.421	15.402	15.426	PV	323	2652	0.03%	0.002%
368	15.450	15.426	15.483	VV	998	19181	0.25%	0.013%
369	15.516	15.483	15.520	PV	861	10780	0.14%	0.007%
370	15.526	15.520	15.546	VV	791	5798	0.08%	0.004%
371	15.572	15.546	15.649	PV	49011	884879	11.46%	0.608%
372	15.653	15.649	15.664	VV	1096	7694	0.10%	0.005%
373	15.667	15.664	15.682	VV	708	4522	0.06%	0.003%
374	15.712	15.682	15.746	VV	8574	130267	1.69%	0.090%
375	15.783	15.746	15.822	VV	7519	121916	1.58%	0.084%
376	15.846	15.822	15.872	VV	2070	31180	0.40%	0.021%
377	15.899	15.872	15.909	PV	374	3028	0.04%	0.002%
378	15.927	15.909	15.937	PV	898	8745	0.11%	0.006%
379	15.972	15.937	15.998	VV	1612	34727	0.45%	0.024%
380	16.040	15.998	16.056	VV	1353	30074	0.39%	0.021%
381	16.106	16.056	16.132	PV	2462	64456	0.83%	0.044%
382	16.142	16.132	16.151	VV	1625	15171	0.20%	0.010%
383	16.216	16.151	16.252	VV	205186	2707492	35.06%	1.860%
384	16.257	16.252	16.263	VV	2428	14286	0.19%	0.010%
385	16.267	16.263	16.277	VV	2160	15626	0.20%	0.011%
386	16.282	16.277	16.311	VV	2092	29005	0.38%	0.020%
387	16.342	16.311	16.346	VV	853	16279	0.21%	0.011%
388	16.356	16.346	16.368	VV	840	7657	0.10%	0.005%
389	16.407	16.368	16.417	VV	2875	47964	0.62%	0.033%
390	16.421	16.417	16.438	VV	2315	17893	0.23%	0.012%
391	16.508	16.438	16.537	VV	6200	150445	1.95%	0.103%
392	16.542	16.537	16.546	VV	2070	10058	0.13%	0.007%
393	16.551	16.546	16.556	VV	1825	10016	0.13%	0.007%
394	16.600	16.556	16.631	VV	5466	145037	1.88%	0.100%
395	16.663	16.631	16.675	VV	1970	34168	0.44%	0.023%
396	16.699	16.675	16.727	VV	11778	171262	2.22%	0.118%
397	16.750	16.727	16.757	VV	972	11961	0.15%	0.008%
398	16.775	16.757	16.779	VV	2661	24024	0.31%	0.017%
399	16.783	16.779	16.792	VV	2255	15026	0.19%	0.010%
400	16.830	16.792	16.846	VV	3129	66770	0.86%	0.046%
401	16.855	16.846	16.875	VV	2174	27749	0.36%	0.019%
402	16.900	16.875	16.912	VV	1527	28730	0.37%	0.020%
403	16.917	16.912	16.921	VV	1465	7615	0.10%	0.005%
404	16.925	16.921	16.938	VV	1384	7465	0.10%	0.005%
405	16.975	16.938	16.980	PV	1541	21464	0.28%	0.015%
406	17.000	16.980	17.005	VV	1612	22185	0.29%	0.015%
407	17.031	17.005	17.036	VV	2523	36355	0.47%	0.025%
408	17.045	17.036	17.066	VV	1821	20324	0.26%	0.014%
409	17.087	17.066	17.106	PV	1236	14984	0.19%	0.010%
410	17.167	17.106	17.203	VV	198433	2719666	35.22%	1.869%
411	17.218	17.203	17.233	VV	4070	61036	0.79%	0.042%

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412	17.241	17.233	17.256	VV	2523	28551	0.37%	0.020%
413	17.262	17.256	17.281	VV	2125	22895	0.30%	0.016%
414	17.290	17.281	17.295	VV	1203	8728	0.11%	0.006%
415	17.298	17.295	17.305	VV	1019	4852	0.06%	0.003%
416	17.344	17.305	17.348	VV	2045	37945	0.49%	0.026%
417	17.364	17.348	17.379	VV	2607	37613	0.49%	0.026%
418	17.406	17.379	17.438	VV	5211	104918	1.36%	0.072%
419	17.457	17.438	17.462	VV	2479	22329	0.29%	0.015%
420	17.482	17.462	17.509	VV	4352	82186	1.06%	0.056%
421	17.581	17.509	17.598	VV	6245	197421	2.56%	0.136%
422	17.615	17.598	17.644	VV	10544	157618	2.04%	0.108%
423	17.653	17.644	17.670	VV	2592	30210	0.39%	0.021%
424	17.689	17.670	17.709	VV	2318	29004	0.38%	0.020%
425	17.733	17.709	17.768	VV	4283	84201	1.09%	0.058%
426	17.789	17.768	17.807	VV	4094	55739	0.72%	0.038%
427	17.821	17.807	17.831	VV	2319	23348	0.30%	0.016%
428	17.845	17.831	17.860	VV	1671	12919	0.17%	0.009%
429	17.886	17.860	17.892	VV	1864	19827	0.26%	0.014%
430	17.904	17.892	17.922	VV	2403	26479	0.34%	0.018%
431	17.960	17.922	17.978	PV	4063	90100	1.17%	0.062%
432	18.004	17.978	18.009	VV	3662	57844	0.75%	0.040%
433	18.056	18.009	18.086	VV	195502	2790465	36.14%	1.917%
434	18.097	18.086	18.120	VV	4064	64188	0.83%	0.044%
435	18.141	18.120	18.157	VV	4583	73038	0.95%	0.050%
436	18.201	18.157	18.221	VV	17215	329962	4.27%	0.227%
437	18.231	18.221	18.250	VV	7953	112490	1.46%	0.077%
438	18.255	18.250	18.267	VV	5097	43419	0.56%	0.030%
439	18.291	18.267	18.307	VV	4921	87981	1.14%	0.060%
440	18.374	18.307	18.388	VV	9041	234306	3.03%	0.161%
441	18.417	18.388	18.454	VV	23235	580945	7.52%	0.399%
442	18.477	18.454	18.504	VV	15280	315922	4.09%	0.217%
443	18.516	18.504	18.522	VV	8519	81351	1.05%	0.056%
444	18.535	18.522	18.542	VV	9707	99174	1.28%	0.068%
445	18.567	18.542	18.597	VV	18300	403604	5.23%	0.277%
446	18.603	18.597	18.619	VV	8829	93917	1.22%	0.065%
447	18.639	18.619	18.667	VV	7510	179481	2.32%	0.123%
448	18.688	18.667	18.695	VV	7694	102608	1.33%	0.070%
449	18.723	18.695	18.729	VV	9988	173370	2.25%	0.119%
450	18.733	18.729	18.744	VV	9434	77530	1.00%	0.053%
451	18.774	18.744	18.782	VV	9595	193313	2.50%	0.133%
452	18.802	18.782	18.816	VV	8128	157192	2.04%	0.108%
453	18.821	18.816	18.828	VV	6639	44216	0.57%	0.030%
454	18.838	18.828	18.842	VV	8248	63167	0.82%	0.043%
455	18.890	18.842	18.931	VV	208992	3504693	45.39%	2.408%
456	18.955	18.931	18.959	VV	9693	153717	1.99%	0.106%
457	18.990	18.959	19.008	VV	19663	411895	5.33%	0.283%
458	19.041	19.008	19.056	VV	20102	446147	5.78%	0.307%
459	19.064	19.056	19.069	VV	14272	102865	1.33%	0.071%

460	19.076	19.069	19.082	VV	rteres 13973	106744	1.38%	0.073%
461	19.094	19.082	19.106	VV	14420	188368	2.44%	0.129%
462	19.116	19.106	19.121	VV	14069	125605	1.63%	0.086%
463	19.140	19.121	19.147	VV	15023	218979	2.84%	0.150%
464	19.165	19.147	19.177	VV	19482	310874	4.03%	0.214%
465	19.182	19.177	19.202	VV	17704	241755	3.13%	0.166%
466	19.213	19.202	19.220	VV	18330	181123	2.35%	0.124%
467	19.253	19.220	19.269	VV	33532	798484	10.34%	0.549%
468	19.284	19.269	19.309	VV	33854	706415	9.15%	0.485%
469	19.316	19.309	19.339	VV	26430	422399	5.47%	0.290%
470	19.348	19.339	19.357	VV	20815	229330	2.97%	0.158%
471	19.391	19.357	19.396	VV	26034	527112	6.83%	0.362%
472	19.405	19.396	19.426	VV	26151	437241	5.66%	0.300%
473	19.429	19.426	19.438	VV	21776	156837	2.03%	0.108%
474	19.456	19.438	19.466	VV	20806	334277	4.33%	0.230%
475	19.488	19.466	19.497	VV	24058	404672	5.24%	0.278%
476	19.503	19.497	19.509	VV	21739	151961	1.97%	0.104%
477	19.543	19.509	19.547	VV	24254	509084	6.59%	0.350%
478	19.557	19.547	19.567	VV	25581	294932	3.82%	0.203%
479	19.588	19.567	19.592	VV	27550	393353	5.09%	0.270%
480	19.602	19.592	19.609	VV	28338	268654	3.48%	0.185%
481	19.679	19.609	19.716	VV	292059	5698904	73.81%	3.916%
482	19.727	19.716	19.732	VV	32871	309770	4.01%	0.213%
483	19.750	19.732	19.763	VV	32725	592510	7.67%	0.407%
484	19.798	19.763	19.810	VV	38829	1027379	13.31%	0.706%
485	19.815	19.810	19.820	VV	36288	214612	2.78%	0.147%
486	19.850	19.820	19.860	VV	40187	896392	11.61%	0.616%
487	19.865	19.860	19.881	VV	38578	475305	6.16%	0.327%
488	19.885	19.881	19.890	VV	38159	206554	2.68%	0.142%
489	19.913	19.890	19.920	VV	40663	697529	9.03%	0.479%
490	19.930	19.920	19.936	VV	39720	371295	4.81%	0.255%
491	19.941	19.936	19.945	VV	41436	220531	2.86%	0.152%
492	19.957	19.945	19.962	VV	41401	423710	5.49%	0.291%
493	19.975	19.962	19.982	VV	41765	478087	6.19%	0.328%
494	19.994	19.982	20.003	VV	42244	514128	6.66%	0.353%
495	20.051	20.003	20.079	VV	54999	2263086	29.31%	1.555%
496	20.092	20.079	20.123	VV	50190	1214218	15.73%	0.834%
497	20.130	20.123	20.135	VV	43522	295865	3.83%	0.203%
498	20.171	20.135	20.178	VV	45784	1134432	14.69%	0.779%
499	20.209	20.178	20.214	VV	51565	1029825	13.34%	0.708%
500	20.222	20.214	20.226	VV	53187	384216	4.98%	0.264%
501	20.239	20.226	20.255	VV	54929	930166	12.05%	0.639%
502	20.320	20.255	20.341	VV	66339	3060923	39.64%	2.103%
503	20.363	20.341	20.374	VV	62168	1187116	15.37%	0.816%
504	20.421	20.374	20.452	VV	357798	7267471	94.12%	4.993%
505	20.459	20.452	20.464	VV	59003	405975	5.26%	0.279%
506	20.490	20.464	20.506	VV	68549	1617465	20.95%	1.111%

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507	20.538	20.506	20.542	VV	71218	1470498	19.04%	1.010%
508	20.579	20.542	20.600	VV	91041	2805067	36.33%	1.927%
509	20.606	20.600	20.615	VV	79263	680418	8.81%	0.467%
510	20.619	20.615	20.623	VV	77926	380215	4.92%	0.261%
511	20.637	20.623	20.686	VV	78813	2820324	36.53%	1.938%
512	20.693	20.686	20.725	VV	72061	1610944	20.86%	1.107%
513	20.732	20.725	20.744	VV	67842	749434	9.71%	0.515%
514	20.773	20.744	20.796	VV	76862	2226160	28.83%	1.530%
515	20.801	20.796	20.810	VV	70474	600023	7.77%	0.412%
516	20.814	20.810	20.818	VV	70612	314788	4.08%	0.216%
517	20.824	20.818	20.846	VV	71357	1173329	15.20%	0.806%
518	20.852	20.846	20.859	VV	70250	556660	7.21%	0.382%
519	20.882	20.859	20.898	VV	70840	1628545	21.09%	1.119%
520	20.909	20.898	20.914	VV	68018	620203	8.03%	0.426%
521	20.936	20.914	20.962	VV	72110	1947494	25.22%	1.338%
522	20.966	20.962	20.972	VV	61806	369785	4.79%	0.254%
523	20.976	20.972	20.986	VV	62382	520965	6.75%	0.358%
524	21.007	20.986	21.017	VV	65157	1183765	15.33%	0.813%
525	21.021	21.017	21.029	VV	62389	433580	5.62%	0.298%
526	21.033	21.029	21.039	VV	60478	336280	4.36%	0.231%
527	21.052	21.039	21.066	VV	63835	1028747	13.32%	0.707%
528	21.081	21.066	21.098	VV	62969	1175598	15.23%	0.808%
529	21.106	21.098	21.118	VV	61999	721050	9.34%	0.495%
530	21.161	21.118	21.210	VV	335555	7721364	100.00%	5.305%
531	21.219	21.210	21.233	VV	43364	562925	7.29%	0.387%
532	21.251	21.233	21.257	VV	46166	657112	8.51%	0.451%
533	21.264	21.257	21.277	VV	45732	528005	6.84%	0.363%
534	21.306	21.277	21.328	VV	47924	1397186	18.10%	0.960%
535	21.332	21.328	21.338	VV	45637	257063	3.33%	0.177%
536	21.373	21.338	21.377	VV	45325	1024459	13.27%	0.704%
537	21.395	21.377	21.404	VV	47837	753103	9.75%	0.517%
538	21.411	21.404	21.415	VV	48023	328349	4.25%	0.226%
539	21.427	21.415	21.431	VV	48289	452236	5.86%	0.311%
540	21.436	21.431	21.449	VV	48119	512295	6.63%	0.352%
541	21.454	21.449	21.491	VV	45960	1025070	13.28%	0.704%
542	21.500	21.491	21.532	VV	35902	823229	10.66%	0.566%
543	21.547	21.532	21.553	VV	30467	391583	5.07%	0.269%
544	21.582	21.553	21.601	VV	32720	875117	11.33%	0.601%
545	21.605	21.601	21.610	VV	28422	159619	2.07%	0.110%
546	21.615	21.610	21.622	VV	28274	187331	2.43%	0.129%
547	21.645	21.622	21.657	VV	28359	582313	7.54%	0.400%
548	21.664	21.657	21.668	VV	28944	189087	2.45%	0.130%
549	21.674	21.668	21.685	VV	28368	277477	3.59%	0.191%
550	21.690	21.685	21.695	VV	28768	174839	2.26%	0.120%
551	21.709	21.695	21.713	VV	29851	301755	3.91%	0.207%
552	21.717	21.713	21.732	VV	29391	307650	3.98%	0.211%
553	21.781	21.732	21.834	VV	30950	1575214	20.40%	1.082%
554	21.841	21.834	21.848	VV	19213	146645	1.90%	0.101%

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555	21.852	21.848	21.868	VV	18937	214825	2.78%	0.148%
556	21.878	21.868	21.888	VV	16352	190213	2.46%	0.131%
557	21.910	21.888	21.920	VV	18490	320913	4.16%	0.220%
558	21.929	21.920	21.940	VV	18036	207328	2.69%	0.142%
559	21.954	21.940	22.017	VV	18446	653658	8.47%	0.449%
560	22.076	22.017	22.134	VV	207059	5263044	68.16%	3.616%
561	22.147	22.134	22.190	VV	5736	104516	1.35%	0.072%
					Sum of corrected areas:	145545018		

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