

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102025\
Data File : FG016802.D
Signal(s) : FID1A.ch
Acq On : 20 Oct 2025 15:44
Sample : Q3367-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.915	1.900	1.931	BV	628	5218	0.12%	0.005%
2	1.935	1.931	1.960	VV	117	1549	0.04%	0.001%
3	1.972	1.960	1.993	PV	324	3421	0.08%	0.003%
4	1.998	1.993	2.009	PV	147	743	0.02%	0.001%
5	2.031	2.009	2.062	VV	405	5299	0.12%	0.005%
6	2.095	2.062	2.162	PV	164525	1632495	37.50%	1.454%
7	2.168	2.162	2.188	VV	317	3406	0.08%	0.003%
8	2.192	2.188	2.207	VV	245	1772	0.04%	0.002%
9	2.213	2.207	2.225	VV	187	1413	0.03%	0.001%
10	2.248	2.225	2.254	VV	192	2200	0.05%	0.002%
11	2.259	2.254	2.274	VV	149	1344	0.03%	0.001%
12	2.289	2.274	2.298	VV	250	2451	0.06%	0.002%
13	2.306	2.298	2.351	VV	272	4735	0.11%	0.004%
14	2.372	2.351	2.412	VV	2436	28321	0.65%	0.025%
15	2.429	2.412	2.450	VV	499	7653	0.18%	0.007%
16	2.455	2.450	2.498	VV	284	4362	0.10%	0.004%
17	2.504	2.498	2.523	PV	157	1234	0.03%	0.001%
18	2.526	2.523	2.537	VV	162	728	0.02%	0.001%
19	2.546	2.537	2.557	VV	138	1268	0.03%	0.001%
20	2.559	2.557	2.568	VV	175	760	0.02%	0.001%
21	2.572	2.568	2.577	PV	107	369	0.01%	0.000%
22	2.583	2.577	2.616	VV	128	1828	0.04%	0.002%
23	2.619	2.616	2.640	VV	159	1352	0.03%	0.001%
24	2.650	2.640	2.670	VV	176	2139	0.05%	0.002%
25	2.672	2.670	2.690	VV	196	1187	0.03%	0.001%
26	2.696	2.690	2.708	VV	134	974	0.02%	0.001%
27	2.710	2.708	2.732	VV	153	1134	0.03%	0.001%
28	2.743	2.732	2.759	VV	111	783	0.02%	0.001%
29	2.798	2.759	2.814	PV	267	4770	0.11%	0.004%
30	2.819	2.814	2.840	VV	130	1500	0.03%	0.001%
31	2.868	2.840	2.920	VV	368	9442	0.22%	0.008%
32	2.936	2.920	2.958	VV	222	3556	0.08%	0.003%
33	2.972	2.958	2.987	VV	199	1951	0.04%	0.002%
34	3.000	2.987	3.011	VV	187	1868	0.04%	0.002%
35	3.017	3.011	3.030	VV	171	1622	0.04%	0.001%
36	3.041	3.030	3.090	VV	292	5333	0.12%	0.005%

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37	3.097	3.090	3.116	VV	176	2113	0.05%	0.002%
38	3.120	3.116	3.129	VV	160	1004	0.02%	0.001%
39	3.135	3.129	3.141	VV	157	792	0.02%	0.001%
40	3.159	3.141	3.175	VV	218	2631	0.06%	0.002%
41	3.179	3.175	3.208	VV	141	1896	0.04%	0.002%
42	3.231	3.208	3.245	VV	207	3126	0.07%	0.003%
43	3.249	3.245	3.254	VV	168	749	0.02%	0.001%
44	3.267	3.254	3.273	VV	237	2089	0.05%	0.002%
45	3.276	3.273	3.311	VV	264	4554	0.10%	0.004%
46	3.313	3.311	3.335	VV	216	2241	0.05%	0.002%
47	3.338	3.335	3.348	VV	169	940	0.02%	0.001%
48	3.367	3.348	3.380	VV	330	3976	0.09%	0.004%
49	3.392	3.380	3.401	VV	242	2421	0.06%	0.002%
50	3.404	3.401	3.412	VV	215	1107	0.03%	0.001%
51	3.419	3.412	3.427	VV	216	1336	0.03%	0.001%
52	3.441	3.427	3.465	VV	202	3229	0.07%	0.003%
53	3.472	3.465	3.477	VV	162	803	0.02%	0.001%
54	3.497	3.477	3.518	VV	224	3473	0.08%	0.003%
55	3.521	3.518	3.529	VV	182	769	0.02%	0.001%
56	3.538	3.529	3.554	VV	201	2063	0.05%	0.002%
57	3.565	3.554	3.573	VV	166	1513	0.03%	0.001%
58	3.582	3.573	3.588	VV	224	1433	0.03%	0.001%
59	3.594	3.588	3.618	VV	220	2428	0.06%	0.002%
60	3.621	3.618	3.630	VV	154	758	0.02%	0.001%
61	3.632	3.630	3.639	VV	122	441	0.01%	0.000%
62	3.652	3.639	3.655	VV	145	998	0.02%	0.001%
63	3.660	3.655	3.674	VV	141	1273	0.03%	0.001%
64	3.695	3.674	3.704	VV	228	2767	0.06%	0.002%
65	3.708	3.704	3.719	VV	202	1127	0.03%	0.001%
66	3.726	3.719	3.748	VV	252	2679	0.06%	0.002%
67	3.754	3.748	3.761	VV	92	869	0.02%	0.001%
68	3.765	3.761	3.782	VV	153	966	0.02%	0.001%
69	3.786	3.782	3.794	VV	115	515	0.01%	0.000%
70	3.800	3.794	3.804	VV	102	409	0.01%	0.000%
71	3.812	3.804	3.818	VV	198	913	0.02%	0.001%
72	3.823	3.818	3.848	VV	224	2480	0.06%	0.002%
73	3.854	3.848	3.877	VV	168	1901	0.04%	0.002%
74	3.880	3.877	3.901	VV	96	1503	0.03%	0.001%
75	3.902	3.901	3.930	VV	170	1872	0.04%	0.002%
76	3.957	3.930	3.981	VV	195	2956	0.07%	0.003%
77	4.000	3.981	4.004	VV	108	1187	0.03%	0.001%
78	4.008	4.004	4.024	VV	129	1013	0.02%	0.001%
79	4.029	4.024	4.050	PV	80	827	0.02%	0.001%
80	4.057	4.050	4.067	VV	140	925	0.02%	0.001%
81	4.071	4.067	4.081	VV	125	607	0.01%	0.001%
82	4.090	4.081	4.094	PV	135	781	0.02%	0.001%
83	4.099	4.094	4.135	VV	129	1590	0.04%	0.001%
84	4.199	4.135	4.226	PV	546	14210	0.33%	0.013%
85	4.231	4.226	4.258	VV	404	6661	0.15%	0.006%
86	4.266	4.258	4.270	VV	411	2540	0.06%	0.002%
87	4.276	4.270	4.325	VV	510	8353	0.19%	0.007%
88	4.353	4.325	4.381	VV	412	8314	0.19%	0.007%
89	4.399	4.381	4.425	VV	352	6547	0.15%	0.006%

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90	4.443	4.425	4.468	VV	506	6718	0.15%	0.006%
91	4.473	4.468	4.491	VV	144	1608	0.04%	0.001%
92	4.497	4.491	4.508	VV	127	867	0.02%	0.001%
93	4.519	4.508	4.544	VV	148	2115	0.05%	0.002%
94	4.549	4.544	4.556	VV	146	740	0.02%	0.001%
95	4.570	4.556	4.595	VV	214	3567	0.08%	0.003%
96	4.632	4.595	4.732	VV	183762	1881887	43.23%	1.676%
97	4.745	4.732	4.770	VV	525	8865	0.20%	0.008%
98	4.798	4.770	4.819	VV	933	14576	0.33%	0.013%
99	4.820	4.819	4.823	VV	329	760	0.02%	0.001%
100	4.827	4.823	4.840	VV	341	2652	0.06%	0.002%
101	4.848	4.840	4.862	VV	331	3472	0.08%	0.003%
102	4.869	4.862	4.875	VV	330	2015	0.05%	0.002%
103	4.881	4.875	4.904	VV	294	4017	0.09%	0.004%
104	4.918	4.904	4.933	VV	349	4515	0.10%	0.004%
105	4.943	4.933	4.967	VV	287	4016	0.09%	0.004%
106	4.969	4.967	4.989	VV	171	1832	0.04%	0.002%
107	4.995	4.989	5.018	VV	154	1959	0.05%	0.002%
108	5.025	5.018	5.031	VV	191	933	0.02%	0.001%
109	5.057	5.031	5.075	VV	218	4096	0.09%	0.004%
110	5.082	5.075	5.086	VV	226	1339	0.03%	0.001%
111	5.105	5.086	5.117	VV	274	4192	0.10%	0.004%
112	5.147	5.117	5.178	VV	481	10000	0.23%	0.009%
113	5.184	5.178	5.191	VV	197	1603	0.04%	0.001%
114	5.194	5.191	5.200	VV	230	1123	0.03%	0.001%
115	5.204	5.200	5.208	VV	221	954	0.02%	0.001%
116	5.219	5.208	5.250	VV	284	4153	0.10%	0.004%
117	5.260	5.250	5.267	VV	177	1236	0.03%	0.001%
118	5.293	5.267	5.314	VV	334	5829	0.13%	0.005%
119	5.317	5.314	5.323	VV	208	956	0.02%	0.001%
120	5.327	5.323	5.332	VV	191	713	0.02%	0.001%
121	5.350	5.332	5.362	VV	290	3472	0.08%	0.003%
122	5.369	5.362	5.378	VV	195	1223	0.03%	0.001%
123	5.390	5.378	5.410	VV	258	3229	0.07%	0.003%
124	5.428	5.410	5.442	VV	319	4394	0.10%	0.004%
125	5.460	5.442	5.499	VV	300	6531	0.15%	0.006%
126	5.501	5.499	5.507	VV	128	409	0.01%	0.000%
127	5.520	5.507	5.534	VV	130	1328	0.03%	0.001%
128	5.583	5.534	5.605	VV	786	12768	0.29%	0.011%
129	5.616	5.605	5.637	VV	411	6210	0.14%	0.006%
130	5.641	5.637	5.647	VV	191	1090	0.03%	0.001%
131	5.656	5.647	5.672	VV	243	2682	0.06%	0.002%
132	5.676	5.672	5.682	VV	153	667	0.02%	0.001%
133	5.685	5.682	5.690	VV	164	491	0.01%	0.000%
134	5.694	5.690	5.699	VV	122	480	0.01%	0.000%
135	5.702	5.699	5.737	VV	153	1837	0.04%	0.002%
136	5.746	5.737	5.758	PV	112	820	0.02%	0.001%
137	5.777	5.758	5.821	VV	1179	18550	0.43%	0.017%
138	5.829	5.821	5.833	VV	194	1285	0.03%	0.001%
139	5.851	5.833	5.872	VV	390	6383	0.15%	0.006%
140	5.891	5.872	5.932	VV	283	6509	0.15%	0.006%
141	5.939	5.932	5.945	VV	154	1019	0.02%	0.001%

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142	5.964	5.945	5.993	VV	570	8839	0.20%	0.008%
143	5.998	5.993	6.021	VV	191	2341	0.05%	0.002%
144	6.041	6.021	6.057	VV	322	5402	0.12%	0.005%
145	6.072	6.057	6.084	VV	439	5113	0.12%	0.005%
146	6.095	6.084	6.129	VV	441	6127	0.14%	0.005%
147	6.148	6.129	6.157	VV	213	2630	0.06%	0.002%
148	6.170	6.157	6.201	VV	425	6011	0.14%	0.005%
149	6.211	6.201	6.235	VV	184	1574	0.04%	0.001%
150	6.259	6.235	6.283	VV	339	3955	0.09%	0.004%
151	6.294	6.283	6.301	PV	208	1388	0.03%	0.001%
152	6.314	6.301	6.334	VV	338	3929	0.09%	0.003%
153	6.357	6.334	6.383	VV	494	9665	0.22%	0.009%
154	6.394	6.383	6.430	VV	473	7904	0.18%	0.007%
155	6.436	6.430	6.441	VV	87	490	0.01%	0.000%
156	6.456	6.441	6.475	VV	406	4630	0.11%	0.004%
157	6.502	6.475	6.512	VV	768	9583	0.22%	0.009%
158	6.522	6.512	6.571	VV	849	14393	0.33%	0.013%
159	6.585	6.571	6.599	PV	331	3544	0.08%	0.003%
160	6.612	6.599	6.624	VV	273	3171	0.07%	0.003%
161	6.654	6.624	6.678	VV	737	13317	0.31%	0.012%
162	6.682	6.678	6.691	VV	296	2151	0.05%	0.002%
163	6.695	6.691	6.698	VV	277	1174	0.03%	0.001%
164	6.702	6.698	6.717	VV	287	2285	0.05%	0.002%
165	6.741	6.717	6.775	VV	573	9503	0.22%	0.008%
166	6.814	6.775	6.886	VV	186934	1920025	44.11%	1.710%
167	6.907	6.886	6.918	VV	746	13276	0.30%	0.012%
168	6.934	6.918	6.952	VV	851	15084	0.35%	0.013%
169	6.968	6.952	6.998	VV	1360	22229	0.51%	0.020%
170	7.017	6.998	7.032	VV	729	11706	0.27%	0.010%
171	7.039	7.032	7.062	VV	469	5896	0.14%	0.005%
172	7.100	7.062	7.124	VV	884	17647	0.41%	0.016%
173	7.146	7.124	7.178	PV	498	10930	0.25%	0.010%
174	7.182	7.178	7.196	VV	246	1630	0.04%	0.001%
175	7.226	7.196	7.258	VV	1796	23126	0.53%	0.021%
176	7.262	7.258	7.282	VV	244	2772	0.06%	0.002%
177	7.295	7.282	7.309	VV	344	4050	0.09%	0.004%
178	7.350	7.309	7.372	VV	1006	19855	0.46%	0.018%
179	7.393	7.372	7.419	VV	1330	16751	0.38%	0.015%
180	7.440	7.419	7.449	VV	896	9773	0.22%	0.009%
181	7.462	7.449	7.482	VV	1303	18083	0.42%	0.016%
182	7.495	7.482	7.519	VV	1047	13590	0.31%	0.012%
183	7.540	7.519	7.581	PV	2049	28371	0.65%	0.025%
184	7.603	7.581	7.623	VV	749	10537	0.24%	0.009%
185	7.641	7.623	7.660	VV	736	7835	0.18%	0.007%
186	7.671	7.660	7.690	VV	281	3583	0.08%	0.003%
187	7.694	7.690	7.705	VV	221	1494	0.03%	0.001%
188	7.748	7.705	7.753	VV	2923	30841	0.71%	0.027%
189	7.767	7.753	7.793	VV	6451	78817	1.81%	0.070%
190	7.807	7.793	7.830	VV	1128	17906	0.41%	0.016%
191	7.838	7.830	7.849	VV	802	7928	0.18%	0.007%
192	7.855	7.849	7.879	VV	727	8154	0.19%	0.007%
193	7.893	7.879	7.913	VV	379	5185	0.12%	0.005%
194	7.944	7.913	7.959	VV	2654	36003	0.83%	0.032%

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195	7.963	7.959	7.981	VV	1587	13882	0.32%	0.012%
196	8.000	7.981	8.018	VV	991	11848	0.27%	0.011%
197	8.044	8.018	8.048	PV	666	7107	0.16%	0.006%
198	8.061	8.048	8.074	VV	912	10625	0.24%	0.009%
199	8.089	8.074	8.098	VV	1434	15836	0.36%	0.014%
200	8.109	8.098	8.127	VV	1350	16714	0.38%	0.015%
201	8.141	8.127	8.175	VV	1097	20050	0.46%	0.018%
202	8.179	8.175	8.186	VV	484	2809	0.06%	0.003%
203	8.207	8.186	8.218	VV	1789	24354	0.56%	0.022%
204	8.230	8.218	8.244	VV	2235	27827	0.64%	0.025%
205	8.253	8.244	8.270	VV	1919	23371	0.54%	0.021%
206	8.297	8.270	8.318	VV	2510	38167	0.88%	0.034%
207	8.345	8.318	8.366	VV	3328	46943	1.08%	0.042%
208	8.386	8.366	8.395	VV	4367	50836	1.17%	0.045%
209	8.406	8.395	8.433	VV	4509	66169	1.52%	0.059%
210	8.472	8.433	8.508	VV	6257	106395	2.44%	0.095%
211	8.528	8.508	8.546	VV	1783	33305	0.77%	0.030%
212	8.563	8.546	8.579	VV	3089	43754	1.01%	0.039%
213	8.584	8.579	8.595	VV	2049	18462	0.42%	0.016%
214	8.654	8.595	8.687	VV	185955	2119840	48.70%	1.887%
215	8.695	8.687	8.721	VV	6119	101735	2.34%	0.091%
216	8.732	8.721	8.740	VV	3601	40091	0.92%	0.036%
217	8.768	8.740	8.788	VV	6291	128766	2.96%	0.115%
218	8.820	8.788	8.834	VV	5581	109898	2.52%	0.098%
219	8.846	8.834	8.860	VV	4377	55601	1.28%	0.050%
220	8.880	8.860	8.920	VV	5899	129439	2.97%	0.115%
221	8.950	8.920	8.972	VV	3261	79098	1.82%	0.070%
222	8.986	8.972	8.999	VV	2464	34839	0.80%	0.031%
223	9.019	8.999	9.026	VV	4197	51999	1.19%	0.046%
224	9.046	9.026	9.065	VV	6592	126922	2.92%	0.113%
225	9.081	9.065	9.091	VV	5123	73656	1.69%	0.066%
226	9.108	9.091	9.133	VV	6318	139110	3.20%	0.124%
227	9.150	9.133	9.170	VV	5926	104357	2.40%	0.093%
228	9.197	9.170	9.231	VV	17701	304108	6.99%	0.271%
229	9.250	9.231	9.268	VV	6176	107801	2.48%	0.096%
230	9.276	9.268	9.292	VV	3951	51809	1.19%	0.046%
231	9.312	9.292	9.334	VV	5221	109675	2.52%	0.098%
232	9.350	9.334	9.369	VV	4984	88161	2.03%	0.078%
233	9.386	9.369	9.399	VV	4265	68022	1.56%	0.061%
234	9.422	9.399	9.448	VV	5334	139877	3.21%	0.125%
235	9.486	9.448	9.518	VV	39289	571557	13.13%	0.509%
236	9.526	9.518	9.554	VV	6282	114371	2.63%	0.102%
237	9.574	9.554	9.600	VV	6350	142961	3.28%	0.127%
238	9.623	9.600	9.628	VV	4809	73351	1.69%	0.065%
239	9.640	9.628	9.661	VV	5178	85789	1.97%	0.076%
240	9.692	9.661	9.707	VV	5120	114798	2.64%	0.102%
241	9.724	9.707	9.739	VV	6136	98915	2.27%	0.088%
242	9.749	9.739	9.758	VV	4357	46020	1.06%	0.041%
243	9.777	9.758	9.811	VV	6913	169007	3.88%	0.150%
244	9.824	9.811	9.841	VV	5256	85819	1.97%	0.076%
245	9.865	9.841	9.897	VV	13115	285518	6.56%	0.254%
246	9.908	9.897	9.922	VV	6784	93715	2.15%	0.083%

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247	9.947	9.922	9.977	VV	11024	258403	5.94%	0.230%
248	9.996	9.977	10.016	VV	10203	177898	4.09%	0.158%
249	10.026	10.016	10.035	VV	6599	69708	1.60%	0.062%
250	10.050	10.035	10.078	VV	10827	189530	4.35%	0.169%
251	10.105	10.078	10.123	VV	6074	136742	3.14%	0.122%
252	10.146	10.123	10.208	VV	49960	950789	21.84%	0.847%
253	10.226	10.208	10.246	VV	11533	229390	5.27%	0.204%
254	10.274	10.246	10.327	VV	224895	2731734	62.75%	2.432%
255	10.341	10.327	10.352	VV	7764	111858	2.57%	0.100%
256	10.355	10.352	10.366	VV	7623	65883	1.51%	0.059%
257	10.378	10.366	10.426	VV	8055	212268	4.88%	0.189%
258	10.450	10.426	10.477	VV	7251	178507	4.10%	0.159%
259	10.487	10.477	10.503	VV	5510	83062	1.91%	0.074%
260	10.509	10.503	10.523	VV	5241	61870	1.42%	0.055%
261	10.528	10.523	10.534	VV	5249	35421	0.81%	0.032%
262	10.549	10.534	10.578	VV	6281	139891	3.21%	0.125%
263	10.622	10.578	10.638	VV	12974	283468	6.51%	0.252%
264	10.664	10.638	10.694	VV	30893	550388	12.64%	0.490%
265	10.716	10.694	10.736	VV	10231	205364	4.72%	0.183%
266	10.754	10.736	10.779	VV	12120	228953	5.26%	0.204%
267	10.809	10.779	10.843	VV	12575	295083	6.78%	0.263%
268	10.868	10.843	10.880	VV	5637	113142	2.60%	0.101%
269	10.889	10.880	10.901	VV	5488	66896	1.54%	0.060%
270	10.945	10.901	10.963	VV	7417	251641	5.78%	0.224%
271	10.967	10.963	10.983	VV	6214	70841	1.63%	0.063%
272	11.017	10.983	11.061	VV	62420	955244	21.94%	0.851%
273	11.091	11.061	11.119	VV	40435	703108	16.15%	0.626%
274	11.137	11.119	11.175	VV	7991	220827	5.07%	0.197%
275	11.235	11.175	11.252	VV	6206	250419	5.75%	0.223%
276	11.285	11.252	11.322	VV	8494	291401	6.69%	0.259%
277	11.360	11.322	11.380	VV	10867	318716	7.32%	0.284%
278	11.413	11.380	11.455	VV	12651	391169	8.99%	0.348%
279	11.475	11.455	11.510	VV	10010	230242	5.29%	0.205%
280	11.529	11.510	11.565	VV	9687	212084	4.87%	0.189%
281	11.590	11.565	11.611	VV	6172	142970	3.28%	0.127%
282	11.639	11.611	11.644	VV	5755	105189	2.42%	0.094%
283	11.647	11.644	11.655	VV	5812	37978	0.87%	0.034%
284	11.678	11.655	11.694	VV	6396	138623	3.18%	0.123%
285	11.727	11.694	11.788	VV	229282	2912316	66.90%	2.593%
286	11.817	11.788	11.866	VV	27733	556407	12.78%	0.495%
287	11.886	11.866	11.904	VV	6154	120123	2.76%	0.107%
288	11.923	11.904	11.946	VV	5995	125064	2.87%	0.111%
289	11.976	11.946	11.991	VV	6804	151348	3.48%	0.135%
290	11.994	11.991	11.999	VV	6468	32199	0.74%	0.029%
291	12.025	11.999	12.066	VV	9179	291101	6.69%	0.259%
292	12.087	12.066	12.103	VV	6636	130825	3.01%	0.116%
293	12.125	12.103	12.146	VV	10793	204972	4.71%	0.183%
294	12.163	12.146	12.192	VV	8819	187527	4.31%	0.167%
295	12.214	12.192	12.233	VV	8738	164518	3.78%	0.146%
296	12.242	12.233	12.264	VV	5752	94790	2.18%	0.084%
297	12.282	12.264	12.319	VV	6045	158924	3.65%	0.142%
298	12.335	12.319	12.351	VV	4567	81377	1.87%	0.072%
299	12.401	12.351	12.434	VV	49013	840620	19.31%	0.748%

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300	12.437	12.434	12.461	VV	5485	83505	1.92%	0.074%
301	12.470	12.461	12.481	VV	5093	59256	1.36%	0.053%
302	12.505	12.481	12.528	VV	5606	144908	3.33%	0.129%
303	12.531	12.528	12.554	VV	4666	62277	1.43%	0.055%
304	12.558	12.554	12.577	VV	3722	46347	1.06%	0.041%
305	12.603	12.577	12.619	VV	3915	88628	2.04%	0.079%
306	12.657	12.619	12.728	VV	84859	1426935	32.78%	1.271%
307	12.742	12.728	12.757	VV	5901	91146	2.09%	0.081%
308	12.783	12.757	12.802	VV	6909	163436	3.75%	0.146%
309	12.817	12.802	12.851	VV	8245	159192	3.66%	0.142%
310	12.870	12.851	12.939	VV	7443	232940	5.35%	0.207%
311	12.977	12.939	12.990	VV	5747	138239	3.18%	0.123%
312	12.995	12.990	13.016	VV	5252	72355	1.66%	0.064%
313	13.047	13.016	13.091	VV	208361	2612195	60.01%	2.326%
314	13.117	13.091	13.180	VV	15629	366090	8.41%	0.326%
315	13.190	13.180	13.211	VV	3111	50170	1.15%	0.045%
316	13.216	13.211	13.234	VV	2425	29373	0.67%	0.026%
317	13.244	13.234	13.253	VV	2220	23392	0.54%	0.021%
318	13.265	13.253	13.274	VV	2247	25783	0.59%	0.023%
319	13.300	13.274	13.359	VV	5087	179410	4.12%	0.160%
320	13.371	13.359	13.392	VV	3124	48600	1.12%	0.043%
321	13.418	13.392	13.431	VV	11294	153157	3.52%	0.136%
322	13.445	13.431	13.482	VV	12710	220253	5.06%	0.196%
323	13.494	13.482	13.521	VV	3752	73382	1.69%	0.065%
324	13.545	13.521	13.578	VV	4451	102484	2.35%	0.091%
325	13.596	13.578	13.624	VV	2514	54227	1.25%	0.048%
326	13.629	13.624	13.634	VV	1651	8669	0.20%	0.008%
327	13.662	13.634	13.703	VV	29469	425547	9.78%	0.379%
328	13.707	13.703	13.716	VV	4109	30664	0.70%	0.027%
329	13.735	13.716	13.818	VV	6083	208977	4.80%	0.186%
330	13.836	13.818	13.860	VV	1979	41230	0.95%	0.037%
331	13.894	13.860	13.931	VV	18910	320835	7.37%	0.286%
332	13.936	13.931	13.959	VV	3635	51147	1.17%	0.046%
333	13.968	13.959	13.989	VV	2523	38057	0.87%	0.034%
334	14.013	13.989	14.033	VV	3676	70410	1.62%	0.063%
335	14.047	14.033	14.068	VV	2997	50542	1.16%	0.045%
336	14.089	14.068	14.110	VV	3388	62576	1.44%	0.056%
337	14.125	14.110	14.148	VV	2314	43338	1.00%	0.039%
338	14.165	14.148	14.185	VV	2672	47232	1.09%	0.042%
339	14.205	14.185	14.223	VV	3824	59594	1.37%	0.053%
340	14.254	14.223	14.324	VV	179221	2252847	51.75%	2.006%
341	14.337	14.324	14.358	VV	2293	35366	0.81%	0.031%
342	14.377	14.358	14.430	VV	1384	44237	1.02%	0.039%
343	14.482	14.430	14.517	PV	2686	77329	1.78%	0.069%
344	14.525	14.517	14.535	VV	1243	10895	0.25%	0.010%
345	14.554	14.535	14.574	VV	1080	17659	0.41%	0.016%
346	14.587	14.574	14.600	VV	729	7276	0.17%	0.006%
347	14.622	14.600	14.633	VV	2063	26444	0.61%	0.024%
348	14.654	14.633	14.711	VV	3136	95455	2.19%	0.085%
349	14.748	14.711	14.769	VV	2794	58484	1.34%	0.052%
350	14.775	14.769	14.794	VV	1806	18755	0.43%	0.017%
351	14.820	14.794	14.866	VV	14684	213482	4.90%	0.190%

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352	14.887	14.866	14.912	VV	2984	54289	1.25%	0.048%
353	14.919	14.912	14.930	VV	1693	16822	0.39%	0.015%
354	14.946	14.930	14.980	VV	1744	34480	0.79%	0.031%
355	15.001	14.980	15.017	PV	1383	17467	0.40%	0.016%
356	15.047	15.017	15.069	VV	1489	32762	0.75%	0.029%
357	15.074	15.069	15.078	VV	1064	5662	0.13%	0.005%
358	15.083	15.078	15.096	VV	1113	9400	0.22%	0.008%
359	15.100	15.096	15.104	VV	685	2922	0.07%	0.003%
360	15.117	15.104	15.125	VV	780	8665	0.20%	0.008%
361	15.161	15.125	15.197	VV	85582	1163073	26.72%	1.036%
362	15.213	15.197	15.239	VV	1708	29390	0.68%	0.026%
363	15.259	15.239	15.268	PV	401	4916	0.11%	0.004%
364	15.289	15.268	15.296	VV	1037	9761	0.22%	0.009%
365	15.323	15.296	15.335	VV	4082	60673	1.39%	0.054%
366	15.365	15.335	15.401	VV	162468	2096515	48.16%	1.867%
367	15.407	15.401	15.437	VV	2239	33321	0.77%	0.030%
368	15.444	15.437	15.452	VV	972	8306	0.19%	0.007%
369	15.471	15.452	15.490	VV	1299	22882	0.53%	0.020%
370	15.511	15.490	15.538	VV	1075	19113	0.44%	0.017%
371	15.557	15.538	15.592	VV	1059	16943	0.39%	0.015%
372	15.629	15.592	15.634	PV	809	13242	0.30%	0.012%
373	15.640	15.634	15.663	VV	820	10645	0.24%	0.009%
374	15.700	15.663	15.722	VV	1011	24313	0.56%	0.022%
375	15.752	15.722	15.860	VV	39252	734054	16.86%	0.654%
376	15.888	15.860	15.927	VV	10649	166934	3.83%	0.149%
377	15.941	15.927	15.950	VV	1233	13340	0.31%	0.012%
378	15.966	15.950	15.983	VV	1755	26569	0.61%	0.024%
379	16.000	15.983	16.014	VV	1303	19552	0.45%	0.017%
380	16.028	16.014	16.049	VV	1674	21634	0.50%	0.019%
381	16.074	16.049	16.079	VV	444	6491	0.15%	0.006%
382	16.082	16.079	16.096	VV	314	2013	0.05%	0.002%
383	16.112	16.096	16.125	VV	820	8014	0.18%	0.007%
384	16.155	16.125	16.179	VV	1140	22721	0.52%	0.020%
385	16.192	16.179	16.197	VV	755	5960	0.14%	0.005%
386	16.209	16.197	16.247	VV	744	11683	0.27%	0.010%
387	16.274	16.247	16.299	PV	1625	26215	0.60%	0.023%
388	16.323	16.299	16.342	VV	643	9655	0.22%	0.009%
389	16.395	16.342	16.444	VV	143079	1933930	44.43%	1.722%
390	16.458	16.444	16.482	VV	1362	19415	0.45%	0.017%
391	16.505	16.482	16.521	VV	360	5511	0.13%	0.005%
392	16.525	16.521	16.539	VV	450	2990	0.07%	0.003%
393	16.600	16.539	16.634	PV	1449	42856	0.98%	0.038%
394	16.644	16.634	16.657	VV	468	4142	0.10%	0.004%
395	16.704	16.657	16.727	PV	1554	37137	0.85%	0.033%
396	16.773	16.727	16.817	VV	9663	197030	4.53%	0.175%
397	16.844	16.817	16.859	VV	2126	37342	0.86%	0.033%
398	16.883	16.859	16.939	VV	12751	256626	5.90%	0.228%
399	16.964	16.939	16.998	VV	2286	50398	1.16%	0.045%
400	17.023	16.998	17.043	VV	2037	40517	0.93%	0.036%
401	17.052	17.043	17.062	VV	1505	15795	0.36%	0.014%
402	17.065	17.062	17.077	VV	1441	10072	0.23%	0.009%
403	17.101	17.077	17.139	VV	1432	27725	0.64%	0.025%
404	17.184	17.139	17.193	PV	1896	37232	0.86%	0.033%

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405	17.214	17.193	17.245	VV	4618	80712	1.85%	0.072%
406	17.272	17.245	17.299	VV	4046	73888	1.70%	0.066%
407	17.350	17.299	17.392	VV	136832	1946427	44.71%	1.733%
408	17.400	17.392	17.419	VV	3930	46959	1.08%	0.042%
409	17.429	17.419	17.452	VV	2086	26885	0.62%	0.024%
410	17.468	17.452	17.497	VV	720	11733	0.27%	0.010%
411	17.504	17.497	17.509	PV	596	2345	0.05%	0.002%
412	17.534	17.509	17.547	VV	799	12937	0.30%	0.012%
413	17.588	17.547	17.592	VV	1374	21369	0.49%	0.019%
414	17.609	17.592	17.623	VV	1555	22108	0.51%	0.020%
415	17.632	17.623	17.637	VV	956	6429	0.15%	0.006%
416	17.641	17.637	17.652	VV	1005	6852	0.16%	0.006%
417	17.678	17.652	17.699	VV	2682	46490	1.07%	0.041%
418	17.723	17.699	17.757	VV	7195	143684	3.30%	0.128%
419	17.802	17.757	17.830	VV	10681	188925	4.34%	0.168%
420	17.858	17.830	17.862	VV	1298	20572	0.47%	0.018%
421	17.886	17.862	17.904	VV	2288	38497	0.88%	0.034%
422	17.927	17.904	17.940	VV	3378	50327	1.16%	0.045%
423	17.947	17.940	17.961	VV	1786	17523	0.40%	0.016%
424	17.983	17.961	17.988	VV	2596	27400	0.63%	0.024%
425	17.990	17.988	18.000	VV	2160	10820	0.25%	0.010%
426	18.016	18.000	18.029	VV	767	11305	0.26%	0.010%
427	18.044	18.029	18.054	PV	942	9364	0.22%	0.008%
428	18.078	18.054	18.112	VV	2059	41445	0.95%	0.037%
429	18.137	18.112	18.150	VV	2237	35255	0.81%	0.031%
430	18.156	18.150	18.159	VV	1957	9788	0.22%	0.009%
431	18.173	18.159	18.184	VV	3137	38136	0.88%	0.034%
432	18.201	18.184	18.206	VV	3795	43398	1.00%	0.039%
433	18.245	18.206	18.281	VV	135829	1969513	45.24%	1.754%
434	18.296	18.281	18.307	VV	2183	29334	0.67%	0.026%
435	18.337	18.307	18.356	VV	3600	76257	1.75%	0.068%
436	18.372	18.356	18.380	VV	3545	39250	0.90%	0.035%
437	18.397	18.380	18.427	VV	6193	119606	2.75%	0.106%
438	18.431	18.427	18.441	VV	3599	28182	0.65%	0.025%
439	18.445	18.441	18.458	VV	3010	27854	0.64%	0.025%
440	18.482	18.458	18.497	VV	4779	77913	1.79%	0.069%
441	18.503	18.497	18.510	VV	1892	13410	0.31%	0.012%
442	18.522	18.510	18.530	VV	1585	17461	0.40%	0.016%
443	18.569	18.530	18.584	VV	4785	94750	2.18%	0.084%
444	18.609	18.584	18.645	VV	25346	496411	11.40%	0.442%
445	18.668	18.645	18.708	VV	15035	282172	6.48%	0.251%
446	18.716	18.708	18.721	VV	2291	14830	0.34%	0.013%
447	18.737	18.721	18.745	VV	2885	32214	0.74%	0.029%
448	18.769	18.745	18.784	VV	6654	111899	2.57%	0.100%
449	18.790	18.784	18.797	VV	4711	32520	0.75%	0.029%
450	18.829	18.797	18.850	VV	4364	117870	2.71%	0.105%
451	18.860	18.850	18.865	VV	4049	30407	0.70%	0.027%
452	18.908	18.865	18.931	VV	7724	199957	4.59%	0.178%
453	18.938	18.931	18.945	VV	5585	43045	0.99%	0.038%
454	18.951	18.945	18.957	VV	5317	36615	0.84%	0.033%
455	18.976	18.957	18.993	VV	5097	98709	2.27%	0.088%
456	19.024	18.993	19.028	VV	6469	114205	2.62%	0.102%

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457	19.083	19.028	19.144	VV	149959	2586296	59.41%	2.303%
458	19.197	19.144	19.229	VV	13962	539560	12.39%	0.480%
459	19.245	19.229	19.270	VV	12837	277432	6.37%	0.247%
460	19.298	19.270	19.320	VV	11002	303913	6.98%	0.271%
461	19.370	19.320	19.377	VV	12933	351333	8.07%	0.313%
462	19.382	19.377	19.387	VV	12338	75580	1.74%	0.067%
463	19.446	19.387	19.475	VV	49305	1363253	31.32%	1.214%
464	19.491	19.475	19.541	VV	30414	885412	20.34%	0.788%
465	19.566	19.541	19.593	VV	18968	532795	12.24%	0.474%
466	19.624	19.593	19.653	VV	28272	765057	17.57%	0.681%
467	19.681	19.653	19.689	VV	17460	344112	7.91%	0.306%
468	19.693	19.689	19.702	VV	16817	129780	2.98%	0.116%
469	19.731	19.702	19.763	VV	23780	710538	16.32%	0.633%
470	19.782	19.763	19.812	VV	19145	514544	11.82%	0.458%
471	19.816	19.812	19.819	VV	15654	61210	1.41%	0.055%
472	19.825	19.819	19.830	VV	16370	111196	2.55%	0.099%
473	19.872	19.830	19.905	VV	172825	3035152	69.72%	2.702%
474	19.911	19.905	19.921	VV	22297	196458	4.51%	0.175%
475	19.941	19.921	19.958	VV	24611	505300	11.61%	0.450%
476	19.983	19.958	20.005	VV	24518	656244	15.08%	0.584%
477	20.030	20.005	20.033	VV	22854	375491	8.63%	0.334%
478	20.059	20.033	20.092	VV	24936	838316	19.26%	0.746%
479	20.096	20.092	20.109	VV	23703	232128	5.33%	0.207%
480	20.118	20.109	20.128	VV	23922	261993	6.02%	0.233%
481	20.157	20.128	20.195	VV	29069	1010273	23.21%	0.900%
482	20.229	20.195	20.267	VV	44059	1438589	33.05%	1.281%
483	20.280	20.267	20.290	VV	28027	367293	8.44%	0.327%
484	20.296	20.290	20.304	VV	28161	233683	5.37%	0.208%
485	20.311	20.304	20.321	VV	28571	283034	6.50%	0.252%
486	20.330	20.321	20.337	VV	27535	260364	5.98%	0.232%
487	20.360	20.337	20.369	VV	28025	523805	12.03%	0.466%
488	20.425	20.369	20.435	VV	31885	1164767	26.76%	1.037%
489	20.483	20.435	20.496	VV	35949	1219818	28.02%	1.086%
490	20.503	20.496	20.514	VV	35374	364761	8.38%	0.325%
491	20.527	20.514	20.534	VV	36020	425052	9.76%	0.378%
492	20.539	20.534	20.552	VV	35433	368790	8.47%	0.328%
493	20.559	20.552	20.567	VV	35073	299648	6.88%	0.267%
494	20.617	20.567	20.663	VV	200844	4353098	100.00%	3.876%
495	20.667	20.663	20.671	VV	36700	180263	4.14%	0.161%
496	20.699	20.671	20.720	VV	39053	1096301	25.18%	0.976%
497	20.731	20.720	20.747	VV	38330	587579	13.50%	0.523%
498	20.784	20.747	20.805	VV	45002	1424435	32.72%	1.268%
499	20.813	20.805	20.822	VV	37654	369824	8.50%	0.329%
500	20.829	20.822	20.852	VV	38271	662777	15.23%	0.590%
501	20.857	20.852	20.885	VV	36205	682220	15.67%	0.607%
502	20.892	20.885	20.901	VV	35689	323910	7.44%	0.288%
503	20.936	20.901	20.959	VV	40371	1296107	29.77%	1.154%
504	20.968	20.959	20.975	VV	40075	392127	9.01%	0.349%
505	20.979	20.975	21.020	VV	40102	993964	22.83%	0.885%
506	21.036	21.020	21.057	VV	34193	724586	16.65%	0.645%
507	21.066	21.057	21.077	VV	31049	366957	8.43%	0.327%
508	21.081	21.077	21.085	VV	30466	151562	3.48%	0.135%
509	21.101	21.085	21.122	VV	31117	661235	15.19%	0.589%

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510	21.142	21.122	21.153	VV	31432	571941	13.14%	0.509%
511	21.159	21.153	21.174	VV	30802	359377	8.26%	0.320%
512	21.184	21.174	21.194	VV	30275	363455	8.35%	0.324%
513	21.215	21.194	21.225	VV	30109	553834	12.72%	0.493%
514	21.247	21.225	21.279	VV	30768	949601	21.81%	0.846%
515	21.284	21.279	21.343	VV	29633	1081999	24.86%	0.963%
516	21.398	21.343	21.451	VV	150359	3931500	90.31%	3.501%
517	21.468	21.451	21.497	VV	22910	608924	13.99%	0.542%
518	21.508	21.497	21.517	VV	22789	265925	6.11%	0.237%
519	21.522	21.517	21.531	VV	21798	175762	4.04%	0.156%
520	21.537	21.531	21.547	VV	21263	203720	4.68%	0.181%
521	21.559	21.547	21.564	VV	21340	202235	4.65%	0.180%
522	21.569	21.564	21.580	VV	21651	211445	4.86%	0.188%
523	21.612	21.580	21.624	VV	21233	536385	12.32%	0.478%
524	21.640	21.624	21.664	VV	21493	484064	11.12%	0.431%
525	21.673	21.664	21.685	VV	20263	254491	5.85%	0.227%
526	21.691	21.685	21.710	VV	19460	277829	6.38%	0.247%
527	21.717	21.710	21.726	VV	19008	186416	4.28%	0.166%
528	21.733	21.726	21.739	VV	18911	135906	3.12%	0.121%
529	21.745	21.739	21.755	VV	18613	180770	4.15%	0.161%
530	21.765	21.755	21.777	VV	18052	236335	5.43%	0.210%
531	21.787	21.777	21.796	VV	17637	192691	4.43%	0.172%
532	21.799	21.796	21.810	VV	17219	137969	3.17%	0.123%
533	21.823	21.810	21.830	VV	17176	198721	4.57%	0.177%
534	21.866	21.830	21.871	VV	18301	435949	10.01%	0.388%
535	21.874	21.871	21.953	VV	17765	641003	14.73%	0.571%
536	22.002	21.953	22.026	VV	12638	495423	11.38%	0.441%
537	22.040	22.026	22.059	VV	11898	208405	4.79%	0.186%
538	22.065	22.059	22.077	VV	9184	99214	2.28%	0.088%
539	22.100	22.077	22.108	VV	9957	166665	3.83%	0.148%
540	22.130	22.108	22.139	VV	10235	177951	4.09%	0.158%
541	22.147	22.139	22.155	VV	9670	90892	2.09%	0.081%
542	22.162	22.155	22.195	VV	9420	205036	4.71%	0.183%
543	22.200	22.195	22.210	VV	8104	69611	1.60%	0.062%
544	22.217	22.210	22.222	VV	7398	48555	1.12%	0.043%
545	22.250	22.222	22.261	VV	8623	175530	4.03%	0.156%
546	22.271	22.261	22.283	VV	8325	97265	2.23%	0.087%
547	22.303	22.283	22.331	VV	8049	200423	4.60%	0.178%
548	22.388	22.331	22.479	VV	93677	2545718	58.48%	2.267%
549	22.485	22.479	22.500	VBA	1542	55729	1.28%	0.050%
					Sum of corrected areas:		112309999	

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