

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015625.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2025 18:31
 Sample : Q1698-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.825	1.800	1.838	BV	414	4644	0.13%	0.003%
2	1.864	1.838	1.873	VV	1689	21279	0.59%	0.014%
3	1.877	1.873	1.887	VV	1569	12031	0.33%	0.008%
4	1.894	1.887	1.910	VV	1425	18137	0.50%	0.012%
5	1.913	1.910	1.922	VV	1235	8561	0.24%	0.006%
6	1.925	1.922	1.959	VV	1328	14813	0.41%	0.010%
7	1.987	1.959	2.057	VV	130252	1369338	38.13%	0.932%
8	2.058	2.057	2.142	VV	649	13999	0.39%	0.010%
9	2.156	2.142	2.162	PV	201	1394	0.04%	0.001%
10	2.171	2.162	2.183	VV	270	2568	0.07%	0.002%
11	2.195	2.183	2.255	VV	1474	29891	0.83%	0.020%
12	2.269	2.255	2.317	VV	2880	41536	1.16%	0.028%
13	2.332	2.317	2.383	VV	820	16576	0.46%	0.011%
14	2.397	2.383	2.416	VV	547	6127	0.17%	0.004%
15	2.430	2.416	2.441	VV	453	5009	0.14%	0.003%
16	2.455	2.441	2.511	VV	583	12667	0.35%	0.009%
17	2.517	2.511	2.541	VV	119	1158	0.03%	0.001%
18	2.573	2.541	2.646	PV	1286	38022	1.06%	0.026%
19	2.648	2.646	2.652	VV	224	828	0.02%	0.001%
20	2.672	2.652	2.714	VV	1483	30309	0.84%	0.021%
21	2.718	2.714	2.734	VV	351	3099	0.09%	0.002%
22	2.756	2.734	2.774	VV	796	12042	0.34%	0.008%
23	2.807	2.774	2.815	VV	574	11492	0.32%	0.008%
24	2.825	2.815	2.844	VV	595	7585	0.21%	0.005%
25	2.897	2.844	3.079	VV	56710	1256429	34.98%	0.856%
26	3.093	3.079	3.104	VV	1228	16630	0.46%	0.011%
27	3.114	3.104	3.122	VV	1202	12500	0.35%	0.009%
28	3.126	3.122	3.153	VV	1180	18176	0.51%	0.012%
29	3.172	3.153	3.201	VV	1116	25306	0.70%	0.017%
30	3.228	3.201	3.240	VV	1189	21133	0.59%	0.014%
31	3.254	3.240	3.293	VV	1405	31889	0.89%	0.022%
32	3.296	3.293	3.307	VV	592	4794	0.13%	0.003%
33	3.309	3.307	3.353	VV	624	10268	0.29%	0.007%
34	3.378	3.353	3.389	VV	421	7330	0.20%	0.005%
35	3.397	3.389	3.415	VV	465	6368	0.18%	0.004%
36	3.423	3.415	3.453	VV	506	7259	0.20%	0.005%

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37	3.473	3.453	3.488	VV	590	9679	0.27%	0.007%
38	3.488	3.488	3.492	VV	587	1370	0.04%	0.001%
39	3.500	3.492	3.525	VV	649	10126	0.28%	0.007%
40	3.546	3.525	3.557	VV	996	14268	0.40%	0.010%
41	3.570	3.557	3.596	VV	937	16201	0.45%	0.011%
42	3.637	3.596	3.688	VV	1558	56054	1.56%	0.038%
43	3.710	3.688	3.775	VV	1323	41901	1.17%	0.029%
44	3.785	3.775	3.798	VV	571	6325	0.18%	0.004%
45	3.802	3.798	3.819	VV	522	5652	0.16%	0.004%
46	3.848	3.819	3.860	VV	1555	25336	0.71%	0.017%
47	3.872	3.860	3.907	VV	1692	34918	0.97%	0.024%
48	3.923	3.907	3.932	VV	1012	11353	0.32%	0.008%
49	3.940	3.932	3.969	VV	980	14975	0.42%	0.010%
50	3.974	3.969	4.007	VV	354	4195	0.12%	0.003%
51	4.064	4.007	4.103	PV	8078	137061	3.82%	0.093%
52	4.119	4.103	4.142	VV	1578	28887	0.80%	0.020%
53	4.157	4.142	4.188	VV	1163	20611	0.57%	0.014%
54	4.219	4.188	4.243	VV	51731	811413	22.59%	0.553%
55	4.258	4.243	4.405	VV	28142	589492	16.41%	0.401%
56	4.407	4.405	4.438	VV	1099	15601	0.43%	0.011%
57	4.454	4.438	4.484	VV	834	17941	0.50%	0.012%
58	4.515	4.484	4.571	VV	172146	1813132	50.48%	1.235%
59	4.591	4.571	4.614	VV	1435	26871	0.75%	0.018%
60	4.624	4.614	4.633	VV	724	7478	0.21%	0.005%
61	4.651	4.633	4.670	VV	1282	22222	0.62%	0.015%
62	4.686	4.670	4.710	VV	1876	27570	0.77%	0.019%
63	4.746	4.710	4.787	VV	28397	394603	10.99%	0.269%
64	4.800	4.787	4.843	VV	2983	57809	1.61%	0.039%
65	4.860	4.843	4.867	VV	913	10637	0.30%	0.007%
66	4.898	4.867	4.924	VV	1933	49702	1.38%	0.034%
67	4.933	4.924	4.947	VV	1510	17243	0.48%	0.012%
68	4.960	4.947	4.968	VV	1016	11124	0.31%	0.008%
69	4.979	4.968	4.996	VV	1051	14529	0.40%	0.010%
70	5.025	4.996	5.063	VV	2017	35096	0.98%	0.024%
71	5.084	5.063	5.117	VV	936	17820	0.50%	0.012%
72	5.133	5.117	5.148	PV	549	5059	0.14%	0.003%
73	5.171	5.148	5.181	PV	738	8730	0.24%	0.006%
74	5.197	5.181	5.213	VV	1763	21115	0.59%	0.014%
75	5.230	5.213	5.246	VV	1926	26469	0.74%	0.018%
76	5.267	5.246	5.295	VV	4902	93514	2.60%	0.064%
77	5.303	5.295	5.319	VV	1810	21132	0.59%	0.014%
78	5.340	5.319	5.380	VV	6150	95661	2.66%	0.065%
79	5.405	5.380	5.415	VV	10900	121227	3.38%	0.083%
80	5.420	5.415	5.445	VV	8687	101915	2.84%	0.069%
81	5.463	5.445	5.490	VV	15442	197881	5.51%	0.135%
82	5.497	5.490	5.523	VV	2195	30775	0.86%	0.021%
83	5.533	5.523	5.548	VV	1229	13511	0.38%	0.009%
84	5.591	5.548	5.638	VV	68132	816579	22.74%	0.556%
85	5.660	5.638	5.685	VV	18879	243572	6.78%	0.166%
86	5.708	5.685	5.763	VV	12452	208644	5.81%	0.142%
87	5.773	5.763	5.800	VV	1281	23347	0.65%	0.016%
88	5.811	5.800	5.823	VV	1028	10607	0.30%	0.007%
89	5.841	5.823	5.878	VV	4283	91305	2.54%	0.062%

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90	5.892	5.878	5.902	VV	1578	20026	0.56%	0.014%
91	5.928	5.902	5.947	VV	10316	153981	4.29%	0.105%
92	5.969	5.947	5.980	VV	11277	155580	4.33%	0.106%
93	5.992	5.980	6.015	VV	17463	208619	5.81%	0.142%
94	6.028	6.015	6.040	VV	3732	46869	1.30%	0.032%
95	6.055	6.040	6.082	VV	3436	73468	2.05%	0.050%
96	6.093	6.082	6.108	VV	2581	33633	0.94%	0.023%
97	6.113	6.108	6.123	VV	1583	12577	0.35%	0.009%
98	6.141	6.123	6.158	VV	4211	55362	1.54%	0.038%
99	6.196	6.158	6.213	VV	5864	122080	3.40%	0.083%
100	6.235	6.213	6.274	VV	9799	243706	6.79%	0.166%
101	6.293	6.274	6.321	VV	7430	130692	3.64%	0.089%
102	6.339	6.321	6.364	VV	9975	135937	3.78%	0.093%
103	6.378	6.364	6.386	VV	2642	31313	0.87%	0.021%
104	6.404	6.386	6.445	VV	8013	150787	4.20%	0.103%
105	6.488	6.445	6.501	VV	3662	79481	2.21%	0.054%
106	6.517	6.501	6.525	VV	5053	63063	1.76%	0.043%
107	6.535	6.525	6.551	VV	6212	74381	2.07%	0.051%
108	6.569	6.551	6.593	VV	6247	116665	3.25%	0.079%
109	6.614	6.593	6.625	VV	20002	234046	6.52%	0.159%
110	6.640	6.625	6.672	VV	43785	576358	16.05%	0.392%
111	6.697	6.672	6.718	VV	269077	2836211	78.97%	1.931%
112	6.726	6.718	6.748	VV	21861	250022	6.96%	0.170%
113	6.757	6.748	6.769	VV	5535	64722	1.80%	0.044%
114	6.791	6.769	6.808	VV	7586	137362	3.82%	0.094%
115	6.821	6.808	6.830	VV	5235	58999	1.64%	0.040%
116	6.850	6.830	6.874	VV	32965	421151	11.73%	0.287%
117	6.886	6.874	6.908	VV	7052	113075	3.15%	0.077%
118	6.923	6.908	6.938	VV	6988	99176	2.76%	0.068%
119	6.957	6.938	6.968	VV	5705	92170	2.57%	0.063%
120	6.981	6.968	7.000	VV	6187	102250	2.85%	0.070%
121	7.026	7.000	7.053	VV	14436	289899	8.07%	0.197%
122	7.061	7.053	7.075	VV	6064	69697	1.94%	0.047%
123	7.103	7.075	7.138	VV	7831	221046	6.15%	0.151%
124	7.167	7.138	7.181	VV	7648	173526	4.83%	0.118%
125	7.212	7.181	7.220	VV	13642	242548	6.75%	0.165%
126	7.230	7.220	7.248	VV	15688	200934	5.59%	0.137%
127	7.267	7.248	7.298	VV	22958	392713	10.93%	0.267%
128	7.318	7.298	7.347	VV	20767	390674	10.88%	0.266%
129	7.376	7.347	7.395	VV	16652	308295	8.58%	0.210%
130	7.420	7.395	7.455	VV	40089	593878	16.54%	0.404%
131	7.472	7.455	7.500	VV	12250	245527	6.84%	0.167%
132	7.519	7.500	7.536	VV	14221	216730	6.03%	0.148%
133	7.568	7.536	7.579	VV	15111	279445	7.78%	0.190%
134	7.590	7.579	7.621	VV	14173	277628	7.73%	0.189%
135	7.647	7.621	7.674	VV	98799	1180500	32.87%	0.804%
136	7.705	7.674	7.724	VV	13274	283357	7.89%	0.193%
137	7.772	7.724	7.798	VV	15601	461355	12.85%	0.314%
138	7.825	7.798	7.846	VV	27134	498349	13.88%	0.339%
139	7.860	7.846	7.895	VV	16117	306243	8.53%	0.209%
140	7.911	7.895	7.922	VV	10483	148028	4.12%	0.101%
141	7.931	7.922	7.948	VV	10113	143701	4.00%	0.098%

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142	7.966	7.948	7.971	VV	9883	123470	3.44%	0.084%
143	7.987	7.971	8.004	VV	16079	235710	6.56%	0.161%
144	8.037	8.004	8.063	VV	99434	1328089	36.98%	0.904%
145	8.078	8.063	8.093	VV	22493	334807	9.32%	0.228%
146	8.109	8.093	8.122	VV	19842	289958	8.07%	0.197%
147	8.132	8.122	8.158	VV	17726	282063	7.85%	0.192%
148	8.177	8.158	8.198	VV	17421	296542	8.26%	0.202%
149	8.223	8.198	8.262	VV	26663	545032	15.18%	0.371%
150	8.280	8.262	8.302	VV	18984	286763	7.98%	0.195%
151	8.351	8.302	8.379	VV	45562	753427	20.98%	0.513%
152	8.397	8.379	8.419	VV	9366	180666	5.03%	0.123%
153	8.449	8.419	8.462	VV	11632	232711	6.48%	0.158%
154	8.478	8.462	8.492	VV	13878	206633	5.75%	0.141%
155	8.534	8.492	8.566	VV	307271	3591639	100.00%	2.446%
156	8.581	8.566	8.608	VV	14372	259370	7.22%	0.177%
157	8.637	8.608	8.669	VV	34763	632744	17.62%	0.431%
158	8.683	8.669	8.702	VV	12246	191868	5.34%	0.131%
159	8.714	8.702	8.718	VV	7809	72663	2.02%	0.049%
160	8.727	8.718	8.759	VV	7820	163121	4.54%	0.111%
161	8.779	8.759	8.798	VV	7669	144717	4.03%	0.099%
162	8.822	8.798	8.848	VV	5715	155026	4.32%	0.106%
163	8.873	8.848	8.897	VV	40920	586644	16.33%	0.399%
164	8.913	8.897	8.930	VV	26335	357008	9.94%	0.243%
165	8.938	8.930	8.962	VV	13475	233492	6.50%	0.159%
166	8.980	8.962	9.013	VV	30683	528556	14.72%	0.360%
167	9.026	9.013	9.044	VV	11512	177294	4.94%	0.121%
168	9.075	9.044	9.101	VV	33163	491869	13.69%	0.335%
169	9.126	9.101	9.143	VV	10341	176468	4.91%	0.120%
170	9.151	9.143	9.167	VV	5164	63811	1.78%	0.043%
171	9.197	9.167	9.207	VV	6863	131807	3.67%	0.090%
172	9.217	9.207	9.239	VV	7640	114930	3.20%	0.078%
173	9.257	9.239	9.267	VV	4337	62488	1.74%	0.043%
174	9.297	9.267	9.325	VV	6722	173683	4.84%	0.118%
175	9.362	9.325	9.385	VV	47845	627617	17.47%	0.427%
176	9.392	9.385	9.427	VV	6649	121823	3.39%	0.083%
177	9.450	9.427	9.481	VV	7887	170636	4.75%	0.116%
178	9.505	9.481	9.524	VV	6102	119356	3.32%	0.081%
179	9.542	9.524	9.572	VV	7385	141320	3.93%	0.096%
180	9.593	9.572	9.611	VV	8385	138731	3.86%	0.094%
181	9.626	9.611	9.632	VV	8165	86280	2.40%	0.059%
182	9.642	9.632	9.674	VV	8524	146180	4.07%	0.100%
183	9.692	9.674	9.712	VV	6933	106260	2.96%	0.072%
184	9.739	9.712	9.793	VV	12478	363748	10.13%	0.248%
185	9.818	9.793	9.850	VV	7019	180519	5.03%	0.123%
186	9.872	9.850	9.888	VV	10431	152257	4.24%	0.104%
187	9.902	9.888	9.912	VV	7243	95277	2.65%	0.065%
188	9.923	9.912	9.942	VV	7301	106068	2.95%	0.072%
189	9.952	9.942	9.971	VV	5051	75258	2.10%	0.051%
190	10.012	9.971	10.041	VV	90080	1122388	31.25%	0.764%
191	10.051	10.041	10.075	VV	7215	121377	3.38%	0.083%
192	10.108	10.075	10.119	VV	5123	112694	3.14%	0.077%
193	10.147	10.119	10.174	VV	241185	2730884	76.03%	1.860%
194	10.181	10.174	10.202	VV	5326	70367	1.96%	0.048%

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195	10.216	10.202	10.240	VV	4273	77460	2.16%	0.053%
196	10.247	10.240	10.289	VV	2940	45763	1.27%	0.031%
197	10.320	10.289	10.346	VV	1420	29096	0.81%	0.020%
198	10.359	10.346	10.372	VV	962	10161	0.28%	0.007%
199	10.394	10.372	10.407	VV	1683	21915	0.61%	0.015%
200	10.419	10.407	10.431	VV	2516	28113	0.78%	0.019%
201	10.447	10.431	10.465	VV	8261	100081	2.79%	0.068%
202	10.485	10.465	10.512	VV	10052	139337	3.88%	0.095%
203	10.535	10.512	10.559	VV	7016	105877	2.95%	0.072%
204	10.589	10.559	10.605	VV	4828	74688	2.08%	0.051%
205	10.621	10.605	10.644	VV	4249	62477	1.74%	0.043%
206	10.659	10.644	10.698	VV	2679	55666	1.55%	0.038%
207	10.713	10.698	10.718	VV	1111	10156	0.28%	0.007%
208	10.735	10.718	10.764	VV	3866	57640	1.60%	0.039%
209	10.794	10.764	10.835	VV	7418	132801	3.70%	0.090%
210	10.863	10.835	10.871	VV	3972	59456	1.66%	0.040%
211	10.888	10.871	10.921	VV	11950	187532	5.22%	0.128%
212	10.960	10.921	10.984	VV	8552	190244	5.30%	0.130%
213	10.991	10.984	10.997	VV	1658	11762	0.33%	0.008%
214	11.011	10.997	11.027	VV	2095	29374	0.82%	0.020%
215	11.039	11.027	11.056	VV	2183	24065	0.67%	0.016%
216	11.070	11.056	11.094	PV	876	10749	0.30%	0.007%
217	11.108	11.094	11.115	VV	1209	10878	0.30%	0.007%
218	11.139	11.115	11.159	VV	69118	779526	21.70%	0.531%
219	11.167	11.159	11.193	VV	12092	140562	3.91%	0.096%
220	11.217	11.193	11.253	VV	17370	240225	6.69%	0.164%
221	11.282	11.253	11.304	VV	3128	67564	1.88%	0.046%
222	11.310	11.304	11.337	VV	1879	25510	0.71%	0.017%
223	11.343	11.337	11.360	VV	708	6207	0.17%	0.004%
224	11.365	11.360	11.375	VV	326	1709	0.05%	0.001%
225	11.396	11.375	11.418	PV	3075	36903	1.03%	0.025%
226	11.441	11.418	11.477	VV	5721	101688	2.83%	0.069%
227	11.502	11.477	11.526	VV	1977	43635	1.21%	0.030%
228	11.545	11.526	11.558	VV	2362	39115	1.09%	0.027%
229	11.595	11.558	11.627	VV	226538	2627589	73.16%	1.789%
230	11.636	11.627	11.649	VV	3133	36392	1.01%	0.025%
231	11.673	11.649	11.717	VV	10426	204000	5.68%	0.139%
232	11.748	11.717	11.771	VV	3324	55481	1.54%	0.038%
233	11.794	11.771	11.816	VV	3643	56328	1.57%	0.038%
234	11.856	11.816	11.887	VV	5325	119525	3.33%	0.081%
235	11.902	11.887	11.917	VV	1922	25697	0.72%	0.017%
236	11.946	11.917	11.962	VV	18301	222733	6.20%	0.152%
237	11.977	11.962	11.999	VV	22129	268591	7.48%	0.183%
238	12.013	11.999	12.032	VV	6766	99765	2.78%	0.068%
239	12.060	12.032	12.077	VV	13079	225037	6.27%	0.153%
240	12.095	12.077	12.110	VV	16444	202084	5.63%	0.138%
241	12.127	12.110	12.170	VV	17578	235263	6.55%	0.160%
242	12.202	12.170	12.222	PV	2465	42064	1.17%	0.029%
243	12.266	12.222	12.296	VV	8595	174113	4.85%	0.119%
244	12.315	12.296	12.394	VV	13221	283158	7.88%	0.193%
245	12.421	12.394	12.456	VV	11856	182934	5.09%	0.125%
246	12.477	12.456	12.497	VV	5912	95139	2.65%	0.065%

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247	12.525	12.497	12.557	VV	80425	1016719	28.31%	0.692%
248	12.564	12.557	12.585	VV	3215	42746	1.19%	0.029%
249	12.619	12.585	12.639	VV	3615	90604	2.52%	0.062%
250	12.656	12.639	12.662	VV	2949	36227	1.01%	0.025%
251	12.690	12.662	12.721	VV	6445	145726	4.06%	0.099%
252	12.739	12.721	12.750	VV	6221	71920	2.00%	0.049%
253	12.758	12.750	12.782	VV	5203	59133	1.65%	0.040%
254	12.806	12.782	12.830	PV	9545	138044	3.84%	0.094%
255	12.850	12.830	12.869	VV	18879	247708	6.90%	0.169%
256	12.910	12.869	12.941	VV	223072	2755253	76.71%	1.876%
257	12.967	12.941	13.017	VV	114706	1465868	40.81%	0.998%
258	13.029	13.017	13.048	VV	1597	20595	0.57%	0.014%
259	13.064	13.048	13.077	VV	1597	17295	0.48%	0.012%
260	13.106	13.077	13.140	VV	10117	183281	5.10%	0.125%
261	13.157	13.140	13.169	VV	7762	107736	3.00%	0.073%
262	13.184	13.169	13.240	VV	10353	230953	6.43%	0.157%
263	13.266	13.240	13.290	VV	117322	1375752	38.30%	0.937%
264	13.317	13.290	13.339	VV	12825	297453	8.28%	0.203%
265	13.356	13.339	13.381	VV	8740	122268	3.40%	0.083%
266	13.411	13.381	13.426	VV	2570	53983	1.50%	0.037%
267	13.442	13.426	13.457	VV	3944	51452	1.43%	0.035%
268	13.475	13.457	13.498	VV	4313	57766	1.61%	0.039%
269	13.536	13.498	13.573	VV	8714	227895	6.35%	0.155%
270	13.595	13.573	13.641	VV	7442	160953	4.48%	0.110%
271	13.663	13.641	13.676	VV	5012	71416	1.99%	0.049%
272	13.692	13.676	13.708	VV	5517	87862	2.45%	0.060%
273	13.726	13.708	13.742	VV	12600	187066	5.21%	0.127%
274	13.756	13.742	13.809	VV	16773	289326	8.06%	0.197%
275	13.860	13.809	13.907	VV	22610	574458	15.99%	0.391%
276	13.929	13.907	13.944	VV	7551	121596	3.39%	0.083%
277	13.966	13.944	13.985	VV	8991	150841	4.20%	0.103%
278	14.006	13.985	14.034	VV	17501	272911	7.60%	0.186%
279	14.044	14.034	14.053	VV	5007	51533	1.43%	0.035%
280	14.059	14.053	14.076	VV	4463	55945	1.56%	0.038%
281	14.112	14.076	14.156	VV	204965	2835462	78.95%	1.931%
282	14.177	14.156	14.205	VV	15224	263106	7.33%	0.179%
283	14.211	14.205	14.229	VV	4675	59182	1.65%	0.040%
284	14.254	14.229	14.275	VV	4624	109170	3.04%	0.074%
285	14.311	14.275	14.366	VV	7112	278545	7.76%	0.190%
286	14.383	14.366	14.397	VV	4414	71928	2.00%	0.049%
287	14.427	14.397	14.440	VV	5165	109077	3.04%	0.074%
288	14.451	14.440	14.462	VV	5281	60578	1.69%	0.041%
289	14.502	14.462	14.523	VV	10430	241456	6.72%	0.164%
290	14.531	14.523	14.539	VV	5883	52463	1.46%	0.036%
291	14.568	14.539	14.583	VV	7695	174691	4.86%	0.119%
292	14.604	14.583	14.635	VV	17907	336637	9.37%	0.229%
293	14.642	14.635	14.652	VV	5121	48969	1.36%	0.033%
294	14.674	14.652	14.693	VV	10304	188890	5.26%	0.129%
295	14.703	14.693	14.724	VV	8454	129519	3.61%	0.088%
296	14.747	14.724	14.758	VV	11966	180979	5.04%	0.123%
297	14.778	14.758	14.816	VV	25309	510788	14.22%	0.348%
298	14.839	14.816	14.863	VV	25483	423711	11.80%	0.289%
299	14.910	14.863	14.948	VV	19413	529932	14.75%	0.361%

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300	14.963	14.948	14.981	VV	8539	145440	4.05%	0.099%
301	15.016	14.981	15.048	VV	110914	1731044	48.20%	1.179%
302	15.061	15.048	15.082	VV	8383	153252	4.27%	0.104%
303	15.107	15.082	15.125	VV	13536	243402	6.78%	0.166%
304	15.155	15.125	15.175	VV	59155	927742	25.83%	0.632%
305	15.196	15.175	15.200	VV	80900	791269	22.03%	0.539%
306	15.219	15.200	15.248	VV	203530	2862860	79.71%	1.949%
307	15.253	15.248	15.269	VV	13143	144086	4.01%	0.098%
308	15.292	15.269	15.302	VV	16023	255398	7.11%	0.174%
309	15.319	15.302	15.372	VV	25328	632708	17.62%	0.431%
310	15.385	15.372	15.389	VV	9581	91481	2.55%	0.062%
311	15.408	15.389	15.438	VV	11795	273110	7.60%	0.186%
312	15.469	15.438	15.487	VV	14470	325619	9.07%	0.222%
313	15.491	15.487	15.504	VV	11510	116101	3.23%	0.079%
314	15.519	15.504	15.534	VV	12155	199365	5.55%	0.136%
315	15.552	15.534	15.570	VV	11564	227919	6.35%	0.155%
316	15.599	15.570	15.633	VV	59631	1108235	30.86%	0.755%
317	15.642	15.633	15.666	VV	14400	248050	6.91%	0.169%
318	15.685	15.666	15.701	VV	11969	232363	6.47%	0.158%
319	15.743	15.701	15.776	VV	19251	671391	18.69%	0.457%
320	15.785	15.776	15.798	VV	13749	175139	4.88%	0.119%
321	15.830	15.798	15.853	VV	29777	612752	17.06%	0.417%
322	15.871	15.853	15.897	VV	19189	382150	10.64%	0.260%
323	15.917	15.897	15.927	VV	13032	211238	5.88%	0.144%
324	15.931	15.927	15.935	VV	11924	58984	1.64%	0.040%
325	15.942	15.935	15.953	VV	12448	126743	3.53%	0.086%
326	15.990	15.953	16.028	VV	19138	694501	19.34%	0.473%
327	16.062	16.028	16.092	VV	15154	480246	13.37%	0.327%
328	16.112	16.092	16.137	VV	13087	311063	8.66%	0.212%
329	16.156	16.137	16.182	VV	14769	313471	8.73%	0.213%
330	16.245	16.182	16.319	VV	196147	3397505	94.59%	2.314%
331	16.336	16.319	16.352	VV	13198	234128	6.52%	0.159%
332	16.364	16.352	16.379	VV	11823	174714	4.86%	0.119%
333	16.385	16.379	16.389	VV	10822	64569	1.80%	0.044%
334	16.429	16.389	16.433	VV	16322	333126	9.28%	0.227%
335	16.437	16.433	16.448	VV	16648	138546	3.86%	0.094%
336	16.457	16.448	16.491	VV	14802	340438	9.48%	0.232%
337	16.509	16.491	16.519	VV	14776	223202	6.21%	0.152%
338	16.537	16.519	16.552	VV	16006	285630	7.95%	0.194%
339	16.567	16.552	16.586	VV	16896	322305	8.97%	0.219%
340	16.617	16.586	16.649	VV	20995	668852	18.62%	0.455%
341	16.656	16.649	16.676	VV	16845	249210	6.94%	0.170%
342	16.677	16.676	16.683	VV	14650	61530	1.71%	0.042%
343	16.721	16.683	16.742	VV	77036	1413904	39.37%	0.963%
344	16.746	16.742	16.786	VV	37006	592225	16.49%	0.403%
345	16.808	16.786	16.831	VV	19116	425730	11.85%	0.290%
346	16.851	16.831	16.880	VV	26268	559814	15.59%	0.381%
347	16.890	16.880	16.903	VV	16440	216643	6.03%	0.148%
348	16.906	16.903	16.911	VV	15896	67552	1.88%	0.046%
349	16.915	16.911	16.938	VV	15926	226318	6.30%	0.154%
350	16.940	16.938	16.946	VV	13850	68044	1.89%	0.046%
351	16.970	16.946	16.975	VV	16090	262064	7.30%	0.178%

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352	16.981	16.975	16.988	VV	15886	119684	3.33%	0.081%
353	17.042	16.988	17.074	VV	60052	1493642	41.59%	1.017%
354	17.101	17.074	17.146	VV	54014	1108018	30.85%	0.754%
355	17.150	17.146	17.154	VV	14482	66868	1.86%	0.046%
356	17.196	17.154	17.233	VV	207601	3193118	88.90%	2.174%
357	17.254	17.233	17.280	VV	17004	430641	11.99%	0.293%
358	17.285	17.280	17.293	VV	14559	104512	2.91%	0.071%
359	17.414	17.383	17.423	VV	17724	386392	10.76%	0.263%
360	17.438	17.423	17.452	VV	18548	303061	8.44%	0.206%
361	17.467	17.452	17.483	VV	18911	337939	9.41%	0.230%
362	17.486	17.483	17.497	VV	18452	141356	3.94%	0.096%
363	17.501	17.497	17.505	VV	17560	88404	2.46%	0.060%
364	17.511	17.505	17.538	VV	18100	323051	8.99%	0.220%
365	17.602	17.581	17.618	VV	19603	396683	11.04%	0.270%
366	17.683	17.673	17.710	VV	15112	302349	8.42%	0.206%
367	17.715	17.710	17.737	VV	13910	205827	5.73%	0.140%
368	17.765	17.737	17.785	VV	20355	471688	13.13%	0.321%
369	17.790	17.785	17.795	VV	14273	83978	2.34%	0.057%
370	17.800	17.795	17.805	VV	14393	83498	2.32%	0.057%
371	17.807	17.805	17.833	VV	14402	210079	5.85%	0.143%
372	17.836	17.833	17.845	VV	12234	83936	2.34%	0.057%
373	17.853	17.845	17.869	VV	12324	167548	4.66%	0.114%
374	17.880	17.869	17.896	VV	12204	187027	5.21%	0.127%
375	17.910	17.896	17.923	VV	13149	195075	5.43%	0.133%
376	17.927	17.923	17.937	VV	12751	95661	2.66%	0.065%
377	17.946	17.937	17.963	VV	13142	190423	5.30%	0.130%
378	17.976	17.963	17.998	VV	12907	253362	7.05%	0.173%
379	18.021	17.998	18.025	VV	13301	194084	5.40%	0.132%
380	18.035	18.025	18.041	VV	13652	117806	3.28%	0.080%
381	18.086	18.041	18.116	VV	178061	2861850	79.68%	1.949%
382	18.122	18.116	18.127	VV	11985	74558	2.08%	0.051%
383	18.133	18.127	18.150	VV	12911	164677	4.59%	0.112%
384	18.173	18.150	18.178	VV	13941	201275	5.60%	0.137%
385	18.225	18.178	18.243	VV	21124	658731	18.34%	0.449%
386	18.253	18.243	18.294	VV	20465	487112	13.56%	0.332%
387	18.297	18.294	18.307	VV	13636	98989	2.76%	0.067%
388	18.311	18.307	18.320	VV	13200	95521	2.66%	0.065%
389	18.340	18.320	18.359	VV	14325	291111	8.11%	0.198%
390	18.385	18.359	18.413	VV	20844	511818	14.25%	0.349%
391	18.441	18.413	18.463	VV	36699	759291	21.14%	0.517%
392	18.479	18.463	18.497	VV	39860	647726	18.03%	0.441%
393	18.510	18.497	18.548	VV	25761	579880	16.15%	0.395%
394	18.569	18.548	18.577	VV	13844	222521	6.20%	0.152%
395	18.605	18.577	18.629	VV	21335	552183	15.37%	0.376%
396	18.642	18.629	18.699	VV	19469	617296	17.19%	0.420%
397	18.734	18.699	18.763	VV	39357	815510	22.71%	0.555%
398	18.773	18.763	18.786	VV	11818	151690	4.22%	0.103%
399	18.790	18.786	18.796	VV	11154	66856	1.86%	0.046%
400	18.813	18.796	18.838	VV	13089	305689	8.51%	0.208%
401	18.866	18.838	18.883	VV	16526	373838	10.41%	0.255%
402	18.920	18.883	18.956	VV	151017	2408829	67.07%	1.640%
403	18.966	18.956	18.990	VV	11357	213059	5.93%	0.145%
404	19.023	18.990	19.044	VV	15931	424782	11.83%	0.289%

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405	19.052	19.044	19.059	VV	14427	125377	3.49%	0.085%
406	19.062	19.059	19.091	VV	14696	244457	6.81%	0.166%
407	19.100	19.091	19.110	VV	11726	127963	3.56%	0.087%
408	19.113	19.110	19.137	VV	11729	182427	5.08%	0.124%
409	19.170	19.137	19.192	VV	14252	401812	11.19%	0.274%
410	19.201	19.192	19.219	VV	12442	196529	5.47%	0.134%
411	19.223	19.219	19.230	VV	11580	71193	1.98%	0.048%
412	19.270	19.230	19.298	VV	31751	813482	22.65%	0.554%
413	19.320	19.298	19.341	VV	20704	448186	12.48%	0.305%
414	19.345	19.341	19.372	VV	13530	225946	6.29%	0.154%
415	19.414	19.372	19.438	VV	15993	540681	15.05%	0.368%
416	19.446	19.438	19.469	VV	13155	215070	5.99%	0.146%
417	19.491	19.469	19.498	VV	11632	181182	5.04%	0.123%
418	19.518	19.498	19.542	VV	13108	318637	8.87%	0.217%
419	19.545	19.542	19.553	VV	12355	76942	2.14%	0.052%
420	19.556	19.553	19.563	VV	11712	74491	2.07%	0.051%
421	19.566	19.563	19.572	VV	11762	54942	1.53%	0.037%
422	19.594	19.572	19.599	VV	12919	188866	5.26%	0.129%
423	19.605	19.599	19.616	VV	11809	115936	3.23%	0.079%
424	19.620	19.616	19.628	VV	11323	78013	2.17%	0.053%
425	19.649	19.628	19.654	VV	11741	170851	4.76%	0.116%
426	19.659	19.654	19.666	VV	12164	84536	2.35%	0.058%
427	19.704	19.666	19.740	VV	91234	1711696	47.66%	1.166%
428	19.749	19.740	19.762	VV	14465	189524	5.28%	0.129%
429	19.767	19.762	19.788	VV	15052	217523	6.06%	0.148%
430	19.795	19.788	19.803	VV	14328	118397	3.30%	0.081%
431	19.826	19.803	19.832	VV	15899	269070	7.49%	0.183%
432	19.842	19.832	19.857	VV	15868	225873	6.29%	0.154%
433	19.862	19.857	19.866	VV	15917	83552	2.33%	0.057%
434	19.892	19.866	19.927	VV	24920	695932	19.38%	0.474%
435	19.959	19.927	19.994	VV	27283	832127	23.17%	0.567%
436	20.001	19.994	20.006	VV	16606	121534	3.38%	0.083%
437	20.050	20.006	20.070	VV	24259	777132	21.64%	0.529%
438	20.075	20.070	20.111	VV	22763	505164	14.06%	0.344%
439	20.115	20.111	20.155	VV	18932	445189	12.40%	0.303%
440	20.179	20.155	20.208	VV	18016	513872	14.31%	0.350%
441	20.276	20.208	20.309	VV	33721	1357896	37.81%	0.925%
442	20.313	20.309	20.322	VV	20411	151201	4.21%	0.103%
443	20.344	20.322	20.358	VV	24333	490751	13.66%	0.334%
444	20.364	20.358	20.376	VV	22066	230576	6.42%	0.157%
445	20.380	20.376	20.400	VV	22041	291375	8.11%	0.198%
446	20.443	20.400	20.475	VV	70678	1613037	44.91%	1.098%
447	20.491	20.475	20.495	VV	20404	240682	6.70%	0.164%
448	20.502	20.495	20.507	VV	21338	144740	4.03%	0.099%
449	20.515	20.507	20.519	VV	21438	152878	4.26%	0.104%
450	20.525	20.519	20.536	VV	21949	222404	6.19%	0.151%
451	20.554	20.536	20.571	VV	22555	449215	12.51%	0.306%
452	20.591	20.571	20.600	VV	21946	373569	10.40%	0.254%
453	20.605	20.600	20.610	VV	22464	129750	3.61%	0.088%
454	20.651	20.646	20.661	VV	22096	190546	5.31%	0.130%
455	20.666	20.661	20.671	VV	21456	122679	3.42%	0.084%
456	20.675	20.671	20.683	VV	21278	146799	4.09%	0.100%

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457	20.706	20.699	20.718	VV	21858	242182	6.74%	0.165%
458	20.742	20.738	20.746	VV	21221	93690	2.61%	0.064%
459	20.750	20.746	20.759	VV	20689	164629	4.58%	0.112%
460	20.769	20.759	20.773	VV	21700	175928	4.90%	0.120%
461	20.779	20.773	20.783	VV	21117	125461	3.49%	0.085%
462	20.805	20.783	20.810	VV	23071	351866	9.80%	0.240%
463	20.924	20.895	20.950	VV	20183	635652	17.70%	0.433%
464	20.973	20.970	20.980	VV	17816	106207	2.96%	0.072%
465	20.995	20.980	21.020	VV	18241	405930	11.30%	0.276%
466	21.023	21.020	21.027	VV	16958	68144	1.90%	0.046%
467	21.046	21.027	21.060	VV	17433	335108	9.33%	0.228%
468	21.069	21.060	21.082	VV	16224	203138	5.66%	0.138%
469	21.097	21.082	21.102	VV	16642	191741	5.34%	0.131%
470	21.106	21.102	21.110	VV	16528	80300	2.24%	0.055%
471	21.115	21.110	21.129	VV	16180	181309	5.05%	0.123%
472	21.133	21.129	21.149	VV	15514	179407	5.00%	0.122%
473	21.186	21.149	21.236	VV	48154	1330201	37.04%	0.906%
474	21.240	21.236	21.245	VV	12520	67780	1.89%	0.046%
475	21.248	21.245	21.252	VV	12603	53510	1.49%	0.036%
476	21.257	21.252	21.262	VV	12963	70999	1.98%	0.048%
477	21.264	21.262	21.272	VV	12858	73278	2.04%	0.050%
478	21.303	21.272	21.316	VV	14883	364327	10.14%	0.248%
479	21.320	21.316	21.367	VV	14116	389141	10.83%	0.265%
480	21.372	21.367	21.375	VV	12172	54660	1.52%	0.037%
481	21.391	21.375	21.396	VV	12884	156763	4.36%	0.107%
482	21.401	21.396	21.433	VV	12561	258651	7.20%	0.176%
483	21.456	21.448	21.470	VV	10562	135224	3.76%	0.092%
484	21.476	21.470	21.490	VV	10571	123525	3.44%	0.084%
485	21.508	21.490	21.534	VV	10270	237277	6.61%	0.162%
486	21.545	21.534	21.550	VV	8424	76066	2.12%	0.052%
487	21.611	21.550	21.624	VV	10890	409609	11.40%	0.279%
488	21.628	21.624	21.633	VV	9444	48921	1.36%	0.033%
489	21.640	21.633	21.644	VV	9400	56972	1.59%	0.039%
490	21.676	21.644	21.681	VV	12088	240061	6.68%	0.163%
491	21.689	21.681	21.713	VV	13504	245477	6.83%	0.167%
492	21.717	21.713	21.748	VV	12199	207375	5.77%	0.141%
493	21.754	21.748	21.795	VV	8059	193942	5.40%	0.132%
494	21.798	21.795	21.813	VV	6002	58855	1.64%	0.040%
495	21.816	21.813	21.830	VV	5432	53841	1.50%	0.037%
496	21.834	21.830	21.838	VV	5335	22639	0.63%	0.015%
497	21.850	21.838	21.859	VV	5920	70781	1.97%	0.048%
498	21.870	21.859	21.880	VV	5755	63974	1.78%	0.044%
499	21.884	21.880	21.895	VV	4444	37380	1.04%	0.025%
500	21.914	21.895	21.927	VV	4707	77258	2.15%	0.053%
501	21.931	21.927	21.969	VV	3326	53057	1.48%	0.036%
502	22.007	21.969	22.018	VV	5335	108124	3.01%	0.074%
503	22.021	22.018	22.044	VV	4082	51035	1.42%	0.035%
504	22.048	22.044	22.052	VV	2335	10015	0.28%	0.007%
505	22.113	22.052	22.172	VV	26126	740571	20.62%	0.504%
506	22.188	22.172	22.196	VV	1583	13443	0.37%	0.009%
507	22.200	22.196	22.214	VV	1261	9603	0.27%	0.007%
508	22.218	22.214	22.225	VV	643	3356	0.09%	0.002%
509	22.242	22.225	22.250	PBA	432	17956	0.50%	0.012%

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Sum of corrected areas: 146854769

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