

rteres

Instrument :

FID_G

ClientSampleId :

BU-02-12112025MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/16/2025
Supervised By :Yogesh Patel 12/16/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG12152
Data File : FG017172.D
Signal(s) : FID1A.ch
Acq On : 15 Dec 2025 17:08
Sample : Q3846-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.014	2.000	2.047	BV	258	3337	0.03%	0.001%
2	2.079	2.047	2.218	PV	142578	1678075	14.69%	0.610%
3	2.234	2.218	2.239	PV	200	1343	0.01%	0.000%
4	2.242	2.239	2.251	VV	156	834	0.01%	0.000%
5	2.268	2.251	2.284	VV	712	8256	0.07%	0.003%
6	2.290	2.284	2.326	VV	484	5747	0.05%	0.002%
7	2.330	2.326	2.336	VV	76	353	0.00%	0.000%
8	2.355	2.336	2.401	VV	1309	18390	0.16%	0.007%
9	2.429	2.401	2.479	VV	458	9061	0.08%	0.003%
10	2.494	2.479	2.534	PV	312	4814	0.04%	0.002%
11	2.552	2.534	2.567	VV	169	1942	0.02%	0.001%
12	2.575	2.567	2.596	PV	174	1883	0.02%	0.001%
13	2.601	2.596	2.606	VV	137	471	0.00%	0.000%
14	2.611	2.606	2.617	PV	116	549	0.00%	0.000%
15	2.621	2.617	2.638	VV	133	1131	0.01%	0.000%
16	2.649	2.638	2.654	VV	198	1226	0.01%	0.000%
17	2.657	2.654	2.666	VV	206	1318	0.01%	0.000%
18	2.678	2.666	2.721	VV	430	5995	0.05%	0.002%
19	2.734	2.721	2.753	PV	201	1737	0.02%	0.001%
20	2.781	2.753	2.825	VV	520	10940	0.10%	0.004%
21	2.842	2.825	2.858	VV	269	3584	0.03%	0.001%
22	2.859	2.858	2.873	VV	176	1013	0.01%	0.000%
23	2.886	2.873	2.929	VV	278	5752	0.05%	0.002%
24	2.985	2.929	3.009	VV	573	13312	0.12%	0.005%
25	3.015	3.009	3.034	VV	371	4846	0.04%	0.002%
26	3.040	3.034	3.045	VV	400	2452	0.02%	0.001%
27	3.050	3.045	3.074	VV	503	4705	0.04%	0.002%
28	3.090	3.074	3.099	VV	482	5135	0.04%	0.002%
29	3.102	3.099	3.107	VV	431	1756	0.02%	0.001%
30	3.130	3.107	3.189	VV	642	18929	0.17%	0.007%
31	3.218	3.189	3.250	VV	346	7919	0.07%	0.003%
32	3.255	3.250	3.260	VV	196	1009	0.01%	0.000%
33	3.266	3.260	3.271	VV	232	1071	0.01%	0.000%
34	3.276	3.271	3.297	VV	188	2261	0.02%	0.001%
35	3.311	3.297	3.327	VV	190	2269	0.02%	0.001%
36	3.352	3.327	3.391	VV	1043	18496	0.16%	0.007%

					retention				
37	3.409	3.391	3.450	VV	252	4480	0.04%	0.002%	
38	3.497	3.450	3.517	PV	273	5340	0.04%	0.002%	
39	3.527	3.517	3.560	VV	209	3339	0.04%	0.002%	
40	3.569	3.560	3.587	VV	262	3152	0.04%	0.002%	
41	3.592	3.587	3.622	VV	188	3099	0.04%	0.002%	
42	3.638	3.622	3.645	VV	156	1406	0.04%	0.002%	
43	3.650	3.645	3.658	VV	208	1014	0.01%	0.000%	
44	3.674	3.658	3.692	VV	366	4286	0.04%	0.002%	
45	3.710	3.692	3.739	VV	947	12217	0.11%	0.004%	
46	3.748	3.739	3.770	VV	207	2426	0.02%	0.001%	
47	3.774	3.770	3.780	VV	100	279	0.00%	0.000%	
48	3.803	3.780	3.828	PV	561	8993	0.08%	0.003%	
49	3.844	3.828	3.862	VV	258	3963	0.03%	0.001%	
50	3.866	3.862	3.908	VV	286	5902	0.05%	0.002%	
51	3.915	3.908	3.921	VV	189	1060	0.01%	0.000%	
52	3.945	3.921	3.960	VV	580	7340	0.06%	0.003%	
53	3.972	3.960	3.982	VV	349	3386	0.03%	0.001%	
54	3.992	3.982	4.021	VV	303	3689	0.03%	0.001%	
55	4.043	4.021	4.071	VV	485	8123	0.07%	0.003%	
56	4.076	4.071	4.079	VV	208	951	0.01%	0.000%	
57	4.082	4.079	4.119	VV	212	1680	0.01%	0.001%	
58	4.133	4.119	4.139	PV	148	1008	0.01%	0.000%	
59	4.153	4.139	4.169	VV	575	6563	0.06%	0.002%	
60	4.200	4.169	4.222	VV	750	16122	0.14%	0.006%	
61	4.259	4.222	4.312	VV	732	24992	0.22%	0.009%	
62	4.340	4.312	4.368	VV	1249	24922	0.22%	0.009%	
63	4.387	4.368	4.444	VV	1034	26598	0.23%	0.010%	
64	4.447	4.444	4.464	VV	309	2745	0.02%	0.001%	
65	4.486	4.464	4.501	VV	293	5153	0.05%	0.002%	
66	4.507	4.501	4.540	VV	284	4410	0.04%	0.002%	
67	4.557	4.540	4.582	VV	302	4302	0.04%	0.002%	
68	4.615	4.582	4.682	PV	176325	1857920	16.27%	0.676%	
69	4.693	4.682	4.716	VV	754	12181	0.11%	0.004%	
70	4.734	4.716	4.758	VV	627	11325	0.10%	0.004%	
71	4.784	4.758	4.823	VV	1264	23848	0.21%	0.009%	
72	4.837	4.823	4.845	VV	445	5182	0.05%	0.002%	
73	4.851	4.845	4.854	VV	412	2065	0.02%	0.001%	
74	4.870	4.854	4.887	VV	520	7703	0.07%	0.003%	
75	4.902	4.887	4.914	VV	756	8609	0.08%	0.003%	
76	4.929	4.914	4.950	VV	797	10915	0.10%	0.004%	
77	4.957	4.950	4.973	VV	387	4476	0.04%	0.002%	
78	4.987	4.973	4.999	VV	493	4765	0.04%	0.002%	
79	5.037	4.999	5.055	VV	714	14639	0.13%	0.005%	
80	5.081	5.055	5.103	VV	763	14952	0.13%	0.005%	
81	5.127	5.103	5.154	VV	1032	18254	0.16%	0.007%	
82	5.159	5.154	5.178	VV	295	2525	0.02%	0.001%	
83	5.202	5.178	5.221	VV	447	5703	0.05%	0.002%	
84	5.238	5.221	5.251	VV	195	1857	0.02%	0.001%	
85	5.277	5.251	5.286	VV	313	3810	0.03%	0.001%	
86	5.298	5.286	5.311	VV	412	4159	0.04%	0.002%	
87	5.328	5.311	5.355	VV	815	13078	0.11%	0.005%	
88	5.375	5.355	5.392	VV	848	11240	0.10%	0.004%	
89	5.411	5.392	5.429	VV	824	12933	0.11%	0.005%	

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90	5.441	5.429	5.475	VV	925	14687	0.13%	0.005%
91	5.495	5.475	5.525	VV	434	8528		
92	5.536	5.525	5.552	VV	557	5013		
93	5.569	5.552	5.588	VV	1282	18698		
94	5.603	5.588	5.623	VV	871	15324		
95	5.638	5.623	5.677	VV	846	13375		
96	5.703	5.677	5.721	VV	321	4259	0.04%	0.002%
97	5.731	5.721	5.740	PV	196	1347	0.01%	0.000%
98	5.761	5.740	5.819	VV	4555	73402	0.64%	0.027%
99	5.836	5.819	5.859	VV	547	8429	0.07%	0.003%
100	5.879	5.859	5.927	VV	691	12534	0.11%	0.005%
101	5.952	5.927	5.979	VV	1369	23166	0.20%	0.008%
102	5.988	5.979	6.000	VV	374	3837	0.03%	0.001%
103	6.026	6.000	6.041	VV	827	12936	0.11%	0.005%
104	6.057	6.041	6.067	VV	1803	20232	0.18%	0.007%
105	6.075	6.067	6.102	VV	1320	19150	0.17%	0.007%
106	6.115	6.102	6.138	VV	815	12514	0.11%	0.005%
107	6.153	6.138	6.186	VV	1621	22847	0.20%	0.008%
108	6.198	6.186	6.219	VV	586	8068	0.07%	0.003%
109	6.242	6.219	6.262	VV	1112	14344	0.13%	0.005%
110	6.294	6.262	6.316	PV	1022	16611	0.15%	0.006%
111	6.344	6.316	6.370	VV	2194	41604	0.36%	0.015%
112	6.377	6.370	6.383	VV	1316	9644	0.08%	0.004%
113	6.392	6.383	6.419	VV	1399	17472	0.15%	0.006%
114	6.440	6.419	6.462	VV	1642	20742	0.18%	0.008%
115	6.485	6.462	6.496	VV	1438	21047	0.18%	0.008%
116	6.506	6.496	6.552	VV	2057	37073	0.32%	0.013%
117	6.569	6.552	6.582	VV	1034	12502	0.11%	0.005%
118	6.588	6.582	6.602	VV	727	7381	0.06%	0.003%
119	6.623	6.602	6.629	VV	1102	14421	0.13%	0.005%
120	6.639	6.629	6.659	VV	1192	15481	0.14%	0.006%
121	6.684	6.659	6.702	VV	752	15210	0.13%	0.006%
122	6.726	6.702	6.757	VV	1784	30351	0.27%	0.011%
123	6.797	6.757	6.869	VV	192358	1963224	17.19%	0.714%
124	6.887	6.869	6.899	VV	1078	15677	0.14%	0.006%
125	6.919	6.899	6.934	VV	1268	21496	0.19%	0.008%
126	6.951	6.934	6.977	VV	3344	44650	0.39%	0.016%
127	6.998	6.977	7.015	VV	1283	22630	0.20%	0.008%
128	7.024	7.015	7.039	VV	671	7511	0.07%	0.003%
129	7.084	7.039	7.107	VV	1971	33317	0.29%	0.012%
130	7.129	7.107	7.138	VV	1102	13870	0.12%	0.005%
131	7.146	7.138	7.178	VV	949	14929	0.13%	0.005%
132	7.209	7.178	7.238	PV	4724	61841	0.54%	0.022%
133	7.250	7.238	7.264	VV	735	9704	0.08%	0.004%
134	7.332	7.264	7.354	VV	2471	68302	0.60%	0.025%
135	7.375	7.354	7.404	VV	2951	41537	0.36%	0.015%
136	7.422	7.404	7.430	VV	2175	23438	0.21%	0.009%
137	7.445	7.430	7.466	VV	3861	54901	0.48%	0.020%
138	7.478	7.466	7.502	VV	2109	29854	0.26%	0.011%
139	7.522	7.502	7.563	VV	3754	58716	0.51%	0.021%
140	7.581	7.563	7.605	VV	2335	34043	0.30%	0.012%
141	7.623	7.605	7.638	VV	1872	23334	0.20%	0.008%

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142	7.652	7.638	7.684	VV	1115	21877	0.19%	0.008%
143	7.699	7.684	7.706	VV	937	10306		
144	7.750	7.706	7.777	VV	9869	171226		
145	7.790	7.777	7.814	VV	1706	30513		
146	7.824	7.814	7.861	VV	1429	30014		
147	7.874	7.861	7.896	VV	781	12807		
148	7.927	7.896	7.963	VV	3668	68180	0.60%	0.025%
149	7.982	7.963	8.002	VV	1295	16669	0.15%	0.006%
150	8.042	8.002	8.056	PV	1074	18311	0.16%	0.007%
151	8.070	8.056	8.079	VV	1511	14931	0.13%	0.005%
152	8.090	8.079	8.107	VV	1515	18749	0.16%	0.007%
153	8.126	8.107	8.154	VV	1313	21958	0.19%	0.008%
154	8.188	8.154	8.202	VV	2511	41495	0.36%	0.015%
155	8.212	8.202	8.226	VV	2470	29938	0.26%	0.011%
156	8.236	8.226	8.259	VV	1949	27147	0.24%	0.010%
157	8.280	8.259	8.302	VV	2086	28879	0.25%	0.011%
158	8.328	8.302	8.347	VV	2841	39852	0.35%	0.014%
159	8.366	8.347	8.377	VV	3736	45452	0.40%	0.017%
160	8.387	8.377	8.409	VV	3305	40400	0.35%	0.015%
161	8.455	8.409	8.494	VV	4815	91040	0.80%	0.033%
162	8.543	8.494	8.552	VV	2840	57944	0.51%	0.021%
163	8.565	8.552	8.572	VV	3434	36187	0.32%	0.013%
164	8.590	8.572	8.607	VV	4502	81074	0.71%	0.029%
165	8.636	8.607	8.669	VV	189814	2057469	18.02%	0.748%
166	8.679	8.669	8.690	VV	3033	34782	0.30%	0.013%
167	8.703	8.690	8.722	VV	3834	58187	0.51%	0.021%
168	8.751	8.722	8.772	VV	5328	104207	0.91%	0.038%
169	8.801	8.772	8.816	VV	3139	61889	0.54%	0.023%
170	8.827	8.816	8.841	VV	1982	25699	0.23%	0.009%
171	8.861	8.841	8.899	VV	2806	58508	0.51%	0.021%
172	8.905	8.899	8.907	VV	636	2937	0.03%	0.001%
173	8.929	8.907	8.955	VV	1105	19541	0.17%	0.007%
174	8.970	8.955	8.979	VV	736	7362	0.06%	0.003%
175	9.016	8.979	9.029	VV	2486	51819	0.45%	0.019%
176	9.051	9.029	9.077	VV	4309	85025	0.74%	0.031%
177	9.100	9.077	9.118	VV	3365	64630	0.57%	0.024%
178	9.134	9.118	9.149	VV	2628	42509	0.37%	0.015%
179	9.178	9.149	9.206	VV	7130	117614	1.03%	0.043%
180	9.234	9.206	9.253	VV	2063	38765	0.34%	0.014%
181	9.259	9.253	9.277	VV	1223	15788	0.14%	0.006%
182	9.293	9.277	9.314	VV	2338	38231	0.33%	0.014%
183	9.330	9.314	9.354	VV	2474	40540	0.35%	0.015%
184	9.388	9.354	9.428	VV	2563	78566	0.69%	0.029%
185	9.468	9.428	9.496	VV	13579	193687	1.70%	0.070%
186	9.507	9.496	9.536	VV	2659	41697	0.37%	0.015%
187	9.559	9.536	9.584	VV	1604	27785	0.24%	0.010%
188	9.623	9.584	9.642	VV	2001	31173	0.27%	0.011%
189	9.667	9.642	9.688	VV	1336	24480	0.21%	0.009%
190	9.706	9.688	9.732	VV	1389	22808	0.20%	0.008%
191	9.759	9.732	9.785	VV	2032	36213	0.32%	0.013%
192	9.807	9.785	9.825	VV	2635	36436	0.32%	0.013%
193	9.847	9.825	9.901	VV	5295	133379	1.17%	0.049%
194	9.927	9.901	9.958	VV	4254	83194	0.73%	0.030%

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195	9.976	9.958	9.994	VV	2182	37098	0.32%	0.013%
196	10.004	9.994	10.017	VV	1817	22198		
197	10.030	10.017	10.071	VV	2600	44505		
198	10.086	10.071	10.103	VV	1261	16740		
199	10.127	10.103	10.159	VV	38958	501713		
200	10.163	10.159	10.181	VV	4301	52844		
201	10.194	10.181	10.227	VV	4012	91192	0.80%	0.033%
202	10.254	10.227	10.329	VV	182134	2098958	18.38%	0.763%
203	10.336	10.329	10.348	VV	1316	13846	0.12%	0.005%
204	10.362	10.348	10.399	VV	1581	25188	0.22%	0.009%
205	10.430	10.399	10.462	VV	1505	26276	0.23%	0.010%
206	10.468	10.462	10.476	VV	420	3270	0.03%	0.001%
207	10.477	10.476	10.481	VV	391	1132	0.01%	0.000%
208	10.486	10.481	10.501	VV	437	3258	0.03%	0.001%
209	10.530	10.501	10.545	VV	631	8869	0.08%	0.003%
210	10.567	10.545	10.579	VV	832	11884	0.10%	0.004%
211	10.602	10.579	10.622	VV	4771	66731	0.58%	0.024%
212	10.645	10.622	10.673	VV	7068	107835	0.94%	0.039%
213	10.700	10.673	10.720	VV	2815	53726	0.47%	0.020%
214	10.737	10.720	10.762	VV	3060	45592	0.40%	0.017%
215	10.791	10.762	10.822	VV	2787	51900	0.45%	0.019%
216	10.851	10.822	10.879	PV	1382	27886	0.24%	0.010%
217	10.923	10.879	10.942	VV	2848	72004	0.63%	0.026%
218	10.956	10.942	10.970	VV	2457	32132	0.28%	0.012%
219	10.998	10.970	11.040	VV	11978	181431	1.59%	0.066%
220	11.072	11.040	11.109	VV	9550	156846	1.37%	0.057%
221	11.124	11.109	11.152	VV	1250	22299	0.20%	0.008%
222	11.168	11.152	11.196	VV	520	8274	0.07%	0.003%
223	11.227	11.196	11.241	VV	1335	21873	0.19%	0.008%
224	11.264	11.241	11.307	VV	24875	371906	3.26%	0.135%
225	11.316	11.307	11.321	VV	2272	18508	0.16%	0.007%
226	11.344	11.321	11.373	VV	10941	161177	1.41%	0.059%
227	11.393	11.373	11.434	VV	2960	75366	0.66%	0.027%
228	11.454	11.434	11.492	VV	1623	33594	0.29%	0.012%
229	11.511	11.492	11.539	VV	1138	15928	0.14%	0.006%
230	11.573	11.539	11.602	PV	2421	39565	0.35%	0.014%
231	11.639	11.602	11.651	VV	1566	28949	0.25%	0.011%
232	11.708	11.651	11.747	VV	178699	2073558	18.16%	0.754%
233	11.754	11.747	11.771	VV	1763	22401	0.20%	0.008%
234	11.798	11.771	11.824	VV	7967	127629	1.12%	0.046%
235	11.842	11.824	11.881	VV	5180	72295	0.63%	0.026%
236	11.905	11.881	11.917	PV	1779	23432	0.21%	0.009%
237	11.925	11.917	11.939	VV	1373	14015	0.12%	0.005%
238	11.972	11.939	11.989	VV	2288	43981	0.39%	0.016%
239	12.003	11.989	12.044	VV	1721	36648	0.32%	0.013%
240	12.073	12.044	12.088	VV	4536	62679	0.55%	0.023%
241	12.107	12.088	12.119	VV	6377	80892	0.71%	0.029%
242	12.128	12.119	12.159	VV	4612	71442	0.63%	0.026%
243	12.190	12.159	12.208	VV	5989	100764	0.88%	0.037%
244	12.223	12.208	12.241	VV	4135	52654	0.46%	0.019%
245	12.256	12.241	12.299	VV	4428	63773	0.56%	0.023%
246	12.322	12.299	12.332	PV	838	9730	0.09%	0.004%

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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 12/16/2025

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					rters				
247	12.382	12.332	12.409	VV	9827	162794	1.43%	0.059%	
248	12.436	12.409	12.464	VV	6876	104581			
249	12.479	12.464	12.530	VV	3464	62979			
250	12.552	12.530	12.566	VV	1934	24184			
251	12.577	12.566	12.587	VV	1235	12843			
252	12.641	12.587	12.702	VV	90442	1221221	10.30%	0.013%	
253	12.719	12.702	12.732	VV	2165	34739	0.30%	0.013%	
254	12.757	12.732	12.770	VV	3641	64088	0.56%	0.023%	
255	12.783	12.770	12.827	VV	4127	85753	0.75%	0.031%	
256	12.846	12.827	12.857	VV	2127	27620	0.24%	0.010%	
257	12.870	12.857	12.884	VV	2746	35375	0.31%	0.013%	
258	12.888	12.884	12.911	VV	1686	17194	0.15%	0.006%	
259	12.979	12.911	12.999	VV	7130	171085	1.50%	0.062%	
260	13.027	12.999	13.070	VV	172452	2112554	18.50%	0.768%	
261	13.098	13.070	13.159	VV	53504	741927	6.50%	0.270%	
262	13.173	13.159	13.192	VV	1930	32030	0.28%	0.012%	
263	13.199	13.192	13.208	VV	1312	9805	0.09%	0.004%	
264	13.243	13.208	13.257	VV	1862	42520	0.37%	0.015%	
265	13.287	13.257	13.307	VV	3826	77661	0.68%	0.028%	
266	13.344	13.307	13.370	VV	3383	77774	0.68%	0.028%	
267	13.399	13.370	13.437	PV	40772	555602	4.86%	0.202%	
268	13.460	13.437	13.480	VV	20586	271734	2.38%	0.099%	
269	13.493	13.480	13.497	VV	5797	54474	0.48%	0.020%	
270	13.518	13.497	13.545	VV	16664	252700	2.21%	0.092%	
271	13.554	13.545	13.565	VV	2661	27383	0.24%	0.010%	
272	13.582	13.565	13.597	VV	3222	42743	0.37%	0.016%	
273	13.614	13.597	13.622	VV	1583	13904	0.12%	0.005%	
274	13.646	13.622	13.650	VV	8666	81786	0.72%	0.030%	
275	13.662	13.650	13.687	VV	11155	183582	1.61%	0.067%	
276	13.715	13.687	13.785	VV	26168	543126	4.76%	0.198%	
277	13.797	13.785	13.808	VV	2268	24875	0.22%	0.009%	
278	13.823	13.808	13.837	VV	2032	25148	0.22%	0.009%	
279	13.877	13.837	13.932	VV	18027	297744	2.61%	0.108%	
280	13.937	13.932	13.946	VV	1441	9215	0.08%	0.003%	
281	13.954	13.946	13.959	VV	1313	8661	0.08%	0.003%	
282	13.997	13.959	14.024	VV	9542	177993	1.56%	0.065%	
283	14.037	14.024	14.048	VV	2514	31932	0.28%	0.012%	
284	14.059	14.048	14.081	VV	2249	32921	0.29%	0.012%	
285	14.104	14.081	14.128	VV	5253	92275	0.81%	0.034%	
286	14.149	14.128	14.164	VV	5517	87533	0.77%	0.032%	
287	14.180	14.164	14.203	VV	4881	86167	0.75%	0.031%	
288	14.236	14.203	14.262	VV	163457	2065068	18.08%	0.751%	
289	14.274	14.262	14.300	VV	8646	140630	1.23%	0.051%	
290	14.318	14.300	14.334	VV	4271	72468	0.63%	0.026%	
291	14.347	14.334	14.408	VV	4672	144269	1.26%	0.052%	
292	14.452	14.408	14.491	VV	4968	143066	1.25%	0.052%	
293	14.519	14.491	14.532	VV	5031	90520	0.79%	0.033%	
294	14.538	14.532	14.582	VV	4621	70215	0.61%	0.026%	
295	14.627	14.582	14.639	VV	3580	84852	0.74%	0.031%	
296	14.656	14.639	14.684	VV	3384	61049	0.53%	0.022%	
297	14.752	14.684	14.781	VV	6520	197960	1.73%	0.072%	
298	14.802	14.781	14.823	PV	8937	108946	0.95%	0.040%	
299	14.846	14.823	14.851	VV	3088	41959	0.37%	0.015%	

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300	14.865	14.851	14.898	VV	4834	86088	0.75%	0.031%
301	14.921	14.898	14.959	VV	6893	118360		
302	14.981	14.959	15.004	PV	5467	69431		
303	15.062	15.004	15.085	VV	3578	84238		
304	15.098	15.085	15.106	VV	2147	16400		
305	15.141	15.106	15.177	VV	67508	933050		
306	15.184	15.177	15.192	VV	1724	12984	0.11%	0.005%
307	15.201	15.192	15.216	VV	1560	15967	0.14%	0.006%
308	15.298	15.216	15.317	PV	20448	407707	3.57%	0.148%
309	15.346	15.317	15.379	VV	171523	2403749	21.05%	0.874%
310	15.387	15.379	15.408	VV	5640	82432	0.72%	0.030%
311	15.458	15.408	15.466	VV	7738	202494	1.77%	0.074%
312	15.486	15.466	15.501	VV	7731	151356	1.33%	0.055%
313	15.507	15.501	15.522	VV	7635	87048	0.76%	0.032%
314	15.533	15.522	15.559	VV	6156	121258	1.06%	0.044%
315	15.614	15.559	15.634	VV	9230	302172	2.65%	0.110%
316	15.641	15.634	15.646	VV	7518	48870	0.43%	0.018%
317	15.675	15.646	15.687	VV	7741	178847	1.57%	0.065%
318	15.692	15.687	15.702	VV	7029	57685	0.51%	0.021%
319	15.729	15.702	15.798	VV	31845	847249	7.42%	0.308%
320	15.811	15.798	15.831	VV	7672	139101	1.22%	0.051%
321	15.870	15.831	15.909	VV	16811	486270	4.26%	0.177%
322	15.934	15.909	15.942	VV	7714	137321	1.20%	0.050%
323	15.976	15.942	15.997	VV	12962	292578	2.56%	0.106%
324	16.013	15.997	16.036	VV	11468	194348	1.70%	0.071%
325	16.045	16.036	16.054	VV	4567	42748	0.37%	0.016%
326	16.085	16.054	16.099	VV	5599	118920	1.04%	0.043%
327	16.114	16.099	16.120	VV	6053	65726	0.58%	0.024%
328	16.136	16.120	16.157	VV	8770	138049	1.21%	0.050%
329	16.177	16.157	16.194	VV	3984	72602	0.64%	0.026%
330	16.199	16.194	16.207	VV	2981	19311	0.17%	0.007%
331	16.214	16.207	16.225	VV	2927	21646	0.19%	0.008%
332	16.266	16.225	16.279	VV	2845	54312	0.48%	0.020%
333	16.310	16.279	16.317	VV	2755	43855	0.38%	0.016%
334	16.332	16.317	16.345	VV	2924	35562	0.31%	0.013%
335	16.376	16.345	16.406	VV	153373	1980223	17.34%	0.720%
336	16.420	16.406	16.424	VV	6318	60106	0.53%	0.022%
337	16.427	16.424	16.457	VV	5589	54274	0.48%	0.020%
338	16.480	16.457	16.493	PV	2034	20700	0.18%	0.008%
339	16.504	16.493	16.526	PV	2144	21561	0.19%	0.008%
340	16.570	16.526	16.600	PV	6382	131677	1.15%	0.048%
341	16.631	16.600	16.643	VV	2240	45225	0.40%	0.016%
342	16.684	16.643	16.705	VV	7889	163436	1.43%	0.059%
343	16.722	16.705	16.731	VV	4639	40743	0.36%	0.015%
344	16.763	16.731	16.806	VV	7269	213872	1.87%	0.078%
345	16.871	16.806	16.921	PV	39983	844553	7.39%	0.307%
346	16.930	16.921	16.936	VV	5115	40771	0.36%	0.015%
347	16.946	16.936	16.952	VV	5590	47123	0.41%	0.017%
348	17.005	16.952	17.027	VV	13651	348750	3.05%	0.127%
349	17.047	17.027	17.055	VV	7789	106234	0.93%	0.039%
350	17.082	17.055	17.117	VV	9205	250853	2.20%	0.091%
351	17.137	17.117	17.144	VV	7421	82323	0.72%	0.030%

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					rteres				
352	17.163	17.144	17.176	VV	10670	149606	1.31%	0.054%	
353	17.196	17.176	17.237	VV	22563	396353			
354	17.257	17.237	17.277	VV	21085	297610			
355	17.296	17.277	17.302	VV	7382	73095			
356	17.334	17.302	17.389	VV	155199	2356227	20		
357	17.406	17.389	17.421	VV	9206	140726			
358	17.425	17.421	17.439	VV	6303	46988	0.41%	0.017%	
359	17.446	17.439	17.457	VV	5308	33250	0.29%	0.012%	
360	17.469	17.457	17.484	PV	3530	34176	0.30%	0.012%	
361	17.505	17.484	17.527	VV	7786	119029	1.04%	0.043%	
362	17.551	17.527	17.560	VV	7189	96353	0.84%	0.035%	
363	17.587	17.560	17.612	VV	12910	253761	2.22%	0.092%	
364	17.628	17.612	17.638	VV	10957	107804	0.94%	0.039%	
365	17.658	17.638	17.679	VV	18711	307010	2.69%	0.112%	
366	17.698	17.679	17.707	VV	14923	180315	1.58%	0.066%	
367	17.715	17.707	17.721	VV	11132	87650	0.77%	0.032%	
368	17.736	17.721	17.745	VV	14518	182009	1.59%	0.066%	
369	17.759	17.745	17.772	VV	24042	320432	2.81%	0.117%	
370	17.785	17.772	17.807	VV	25038	378233	3.31%	0.138%	
371	17.833	17.807	17.844	VV	15830	269134	2.36%	0.098%	
372	17.858	17.844	17.874	VV	14419	221317	1.94%	0.080%	
373	17.882	17.874	17.889	VV	14376	103523	0.91%	0.038%	
374	17.906	17.889	17.946	VV	23586	529337	4.63%	0.193%	
375	17.971	17.946	17.985	VV	17344	310707	2.72%	0.113%	
376	18.001	17.985	18.013	VV	13907	188615	1.65%	0.069%	
377	18.025	18.013	18.029	VV	9860	88642	0.78%	0.032%	
378	18.045	18.029	18.049	VV	10195	105400	0.92%	0.038%	
379	18.066	18.049	18.087	VV	17205	263183	2.30%	0.096%	
380	18.092	18.087	18.099	VV	10877	68437	0.60%	0.025%	
381	18.117	18.099	18.126	VV	12792	182142	1.59%	0.066%	
382	18.147	18.126	18.152	VV	20337	276085	2.42%	0.100%	
383	18.163	18.152	18.176	VV	19787	250284	2.19%	0.091%	
384	18.230	18.176	18.263	VV	164718	3016891	26.42%	1.097%	
385	18.286	18.263	18.303	VV	23326	421424	3.69%	0.153%	
386	18.316	18.303	18.343	VV	19325	393458	3.45%	0.143%	
387	18.381	18.343	18.401	VV	69465	1406413	12.31%	0.511%	
388	18.405	18.401	18.424	VV	34531	459328	4.02%	0.167%	
389	18.429	18.424	18.456	VV	30780	436664	3.82%	0.159%	
390	18.459	18.456	18.472	VV	19926	195152	1.71%	0.071%	
391	18.476	18.472	18.484	VV	22045	130867	1.15%	0.048%	
392	18.490	18.484	18.497	VV	19388	150543	1.32%	0.055%	
393	18.514	18.497	18.521	VV	22438	282272	2.47%	0.103%	
394	18.531	18.521	18.539	VV	21232	199951	1.75%	0.073%	
395	18.554	18.539	18.561	VV	29940	334793	2.93%	0.122%	
396	18.590	18.561	18.608	VV	45523	944083	8.27%	0.343%	
397	18.623	18.608	18.633	VV	34396	459456	4.02%	0.167%	
398	18.653	18.633	18.676	VV	50795	1030487	9.02%	0.375%	
399	18.686	18.676	18.692	VV	28189	247672	2.17%	0.090%	
400	18.716	18.692	18.731	VV	31388	652997	5.72%	0.237%	
401	18.753	18.731	18.770	VV	69560	1165338	10.20%	0.424%	
402	18.782	18.770	18.807	VV	43567	799200	7.00%	0.291%	
403	18.824	18.807	18.846	VV	32599	676532	5.92%	0.246%	
404	18.849	18.846	18.856	VV	27263	158851	1.39%	0.058%	

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405	18.871	18.856	18.876	VV	33524	353315	3.09%	0.128%
406	18.910	18.876	18.919	VV	46516	1003595		
407	18.923	18.919	18.966	VV	42047	1033822		
408	18.977	18.966	18.986	VV	39837	430930		
409	19.014	18.986	19.023	VV	44119	863124		
410	19.070	19.023	19.101	VV	207599	4378351	38.09%	0.128%
411	19.126	19.101	19.132	VV	45021	809703	7.09%	0.294%
412	19.136	19.132	19.151	VV	48303	513008	4.49%	0.187%
413	19.177	19.151	19.205	VV	84860	2060626	18.04%	0.749%
414	19.227	19.205	19.253	VV	78190	1877182	16.44%	0.683%
415	19.258	19.253	19.288	VV	58225	1081699	9.47%	0.393%
416	19.329	19.288	19.338	VV	62740	1633453	14.30%	0.594%
417	19.346	19.338	19.350	VV	61270	425699	3.73%	0.155%
418	19.357	19.350	19.362	VV	66405	447039	3.91%	0.163%
419	19.369	19.362	19.383	VV	65419	777963	6.81%	0.283%
420	19.398	19.383	19.404	VV	62156	741813	6.50%	0.270%
421	19.433	19.404	19.454	VV	88375	2270186	19.88%	0.826%
422	19.476	19.454	19.492	VV	88542	1902173	16.66%	0.692%
423	19.512	19.492	19.539	VV	102989	2549959	22.33%	0.927%
424	19.576	19.539	19.601	VV	97123	3203996	28.05%	1.165%
425	19.609	19.601	19.621	VV	86425	996958	8.73%	0.363%
426	19.626	19.621	19.636	VV	82802	723629	6.34%	0.263%
427	19.652	19.636	19.663	VV	82657	1315946	11.52%	0.479%
428	19.669	19.663	19.676	VV	84633	601074	5.26%	0.219%
429	19.683	19.676	19.690	VV	86351	689148	6.03%	0.251%
430	19.694	19.690	19.703	VV	86115	634851	5.56%	0.231%
431	19.710	19.703	19.718	VV	82959	759403	6.65%	0.276%
432	19.743	19.718	19.759	VV	83393	1918673	16.80%	0.698%
433	19.765	19.759	19.770	VV	87946	561022	4.91%	0.204%
434	19.779	19.770	19.791	VV	86244	1042194	9.13%	0.379%
435	19.797	19.791	19.812	VV	82533	1064203	9.32%	0.387%
436	19.861	19.812	19.883	VV	247205	5950410	52.10%	2.164%
437	19.896	19.883	19.921	VV	115321	2388835	20.92%	0.869%
438	19.941	19.921	19.947	VV	101597	1569054	13.74%	0.571%
439	19.990	19.947	20.004	VV	126127	3821800	33.46%	1.390%
440	20.010	20.004	20.017	VV	114812	911643	7.98%	0.332%
441	20.024	20.017	20.029	VV	116724	775740	6.79%	0.282%
442	20.035	20.029	20.038	VV	113687	616478	5.40%	0.224%
443	20.052	20.038	20.058	VV	122459	1353377	11.85%	0.492%
444	20.081	20.058	20.093	VV	122314	2413023	21.13%	0.878%
445	20.098	20.093	20.113	VV	123565	1454780	12.74%	0.529%
446	20.119	20.113	20.125	VV	127523	876777	7.68%	0.319%
447	20.147	20.125	20.174	VV	138352	3635463	31.83%	1.322%
448	20.179	20.174	20.184	VV	119888	663047	5.81%	0.241%
449	20.190	20.184	20.195	VV	121297	844915	7.40%	0.307%
450	20.218	20.195	20.224	VV	148072	2288837	20.04%	0.832%
451	20.228	20.224	20.231	VV	145120	629115	5.51%	0.229%
452	20.235	20.231	20.263	VV	145217	2613202	22.88%	0.950%
453	20.272	20.263	20.279	VV	136501	1313818	11.50%	0.478%
454	20.290	20.279	20.307	VV	146157	2297204	20.11%	0.835%
455	20.317	20.307	20.323	VV	142015	1283734	11.24%	0.467%
456	20.325	20.323	20.339	VV	132937	1224771	10.72%	0.445%

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rteres							Manual IntegrationsAPPROVED	
457	20.380	20.339	20.389	VV	139476	3912813	34.26%	1.423%
458	20.407	20.389	20.431	VV	160568	3743039	32.16%	1.423%
459	20.439	20.431	20.452	VV	149638	1867473	16.45%	1.423%
460	20.476	20.452	20.494	VV	162512	3916214	34.26%	1.423%
461	20.518	20.494	20.541	VV	190827	4901920	42.16%	1.423%
462	20.571	20.541	20.579	VV	179948	3973742	34.26%	1.423%
463	20.609	20.579	20.633	VV	332126	7588740	66.45%	2.760%
464	20.637	20.633	20.671	VV	173045	3804458	33.31%	1.384%
465	20.685	20.671	20.704	VV	188338	3549214	31.08%	1.291%
466	20.709	20.704	20.746	VV	177509	4302745	37.68%	1.565%
467	20.759	20.746	20.765	VV	175926	1961858	17.18%	0.713%
468	20.767	20.765	20.796	VV	173131	3106436	27.20%	1.130%
469	20.827	20.796	20.858	VV	177469	6072666	53.17%	2.208%
470	20.880	20.858	20.895	VV	168265	3626228	31.75%	1.319%
471	20.906	20.895	20.919	VV	165530	2311972	20.24%	0.841%
472	20.920	20.919	20.932	VV	161128	1229539	10.77%	0.447%
473	20.976	20.932	21.017	VV	181200	8162506	71.47%	2.969%
474	21.030	21.017	21.070	VV	158804	4693681	41.10%	1.707%
475	21.092	21.070	21.107	VV	141605	2982742	26.12%	1.085%
476	21.115	21.107	21.144	VV	138388	2994716	26.22%	1.089%
477	21.149	21.144	21.154	VV	132881	768808	6.73%	0.280%
478	21.193	21.154	21.211	VV	140787	4471612	39.15%	1.626%
479	21.214	21.211	21.222	VV	137846	884046	7.74%	0.322%
480	21.230	21.222	21.244	VV	134172	1767724	15.48%	0.643%
481	21.248	21.244	21.277	VV	135610	2569518	22.50%	0.934%
482	21.281	21.277	21.313	VV	132466	2642652	23.14%	0.961%
483	21.335	21.313	21.349	VV	126046	2684481	23.51%	0.976%
484	21.392	21.349	21.497	VV	247666	11420684	100.00%	4.153%
485	21.511	21.497	21.521	VV	83777	1142747	10.01%	0.416%
486	21.541	21.521	21.551	VV	86697	1490492	13.05%	0.542%
487	21.565	21.551	21.572	VV	88379	1036013	9.07%	0.377%
488	21.581	21.572	21.622	VV	88743	2492054	21.82%	0.906%
489	21.637	21.622	21.650	VV	80663	1332511	11.67%	0.485%
490	21.684	21.650	21.706	VV	86840	2632195	23.05%	0.957%
491	21.732	21.706	21.754	VV	75756	2030493	17.78%	0.738%
492	21.764	21.754	21.779	VV	72423	1017760	8.91%	0.370%
493	21.788	21.779	21.796	VV	78799	715940	6.27%	0.260%
494	21.806	21.796	21.824	VV	74408	1172913	10.27%	0.427%
495	21.847	21.824	21.954	VV	81415	3972424	34.78%	1.445%
496	21.980	21.954	22.021	VV	37000	1268128	11.10%	0.461%
497	22.024	22.021	22.039	VV	32737	277814	2.43%	0.101%
498	22.099	22.039	22.121	VV	33134	1227514	10.75%	0.446%
499	22.123	22.121	22.134	VV	30629	208389	1.82%	0.076%
500	22.140	22.134	22.161	VV	27373	378894	3.32%	0.138%
501	22.179	22.161	22.211	VV	24952	606468	5.31%	0.221%
502	22.218	22.211	22.226	VV	21054	163825	1.43%	0.060%
503	22.247	22.226	22.315	VV	24446	701794	6.14%	0.255%
504	22.382	22.315	22.411	PBA	97491	2615200	22.90%	0.951%
Sum of corrected areas:							274970181	