

Instrument :

FID_F

ClientSampleId :

NATIONAL-GRID-COMPMSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012551.D
 Data File : FF012551.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 13:37
 Sample : 02416-11MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.928	1.900	1.975	BV	21	-1300	-0.03%	-0.001%
2	1.996	1.975	2.020	VV	419	4785	0.10%	0.002%
3	2.058	2.020	2.190	PV	155617	1740290	35.21%	0.768%
4	2.200	2.190	2.216	VV	124	739	0.01%	0.000%
5	2.220	2.216	2.247	PV	76	694	0.01%	0.000%
6	2.251	2.247	2.261	VV	91	539	0.01%	0.000%
7	2.290	2.261	2.313	PV	361	6224	0.13%	0.003%
8	2.330	2.313	2.336	VV	245	2927	0.06%	0.001%
9	2.349	2.336	2.386	VV	1586	19923	0.40%	0.009%
10	2.406	2.386	2.411	VV	285	2950	0.06%	0.001%
11	2.423	2.411	2.448	VV	479	6395	0.13%	0.003%
12	2.451	2.448	2.459	VV	169	1025	0.02%	0.000%
13	2.474	2.459	2.488	VV	356	3794	0.08%	0.002%
14	2.500	2.488	2.517	VV	210	3268	0.07%	0.001%
15	2.530	2.517	2.560	VV	323	5336	0.11%	0.002%
16	2.564	2.560	2.575	VV	141	1019	0.02%	0.000%
17	2.578	2.575	2.615	VV	137	1871	0.04%	0.001%
18	2.635	2.615	2.673	PV	1479	20211	0.41%	0.009%
19	2.679	2.673	2.684	VV	205	1178	0.02%	0.001%
20	2.689	2.684	2.724	VV	174	2755	0.06%	0.001%
21	2.745	2.724	2.801	VV	2890	48116	0.97%	0.021%
22	2.831	2.801	2.853	VV	323	5469	0.11%	0.002%
23	2.861	2.853	2.886	VV	333	4648	0.09%	0.002%
24	2.903	2.886	2.928	VV	749	9207	0.19%	0.004%
25	2.971	2.928	3.005	VV	9391	178442	3.61%	0.079%
26	3.019	3.005	3.055	VV	4583	78050	1.58%	0.034%
27	3.067	3.055	3.158	VV	1086	34767	0.70%	0.015%
28	3.187	3.158	3.224	VV	386	11485	0.23%	0.005%
29	3.241	3.224	3.277	VV	323	6144	0.12%	0.003%
30	3.322	3.277	3.363	VV	648	17038	0.34%	0.008%
31	3.366	3.363	3.377	VV	175	1134	0.02%	0.001%

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32	3.379	3.377	3.388	VV	184	938	0.02%	0.000%
33	3.392	3.388	3.408	VV	170	136		
34	3.441	3.408	3.461	VV	520	871		
35	3.466	3.461	3.494	VV	421	494		
36	3.498	3.494	3.505	VV	348	157		
37	3.517	3.505	3.526	VV	289	2962	0.06%	0.001%
38	3.539	3.526	3.549	VV	351	3874	0.08%	0.002%
39	3.556	3.549	3.596	VV	345	6173	0.12%	0.003%
40	3.611	3.596	3.625	VV	238	2277	0.05%	0.001%
41	3.638	3.625	3.655	VV	318	3237	0.07%	0.001%
42	3.692	3.655	3.703	VV	558	10892	0.22%	0.005%
43	3.705	3.703	3.709	VV	528	1564	0.03%	0.001%
44	3.723	3.709	3.750	VV	547	9738	0.20%	0.004%
45	3.776	3.750	3.794	VV	636	11050	0.22%	0.005%
46	3.812	3.794	3.840	VV	667	13622	0.28%	0.006%
47	3.847	3.840	3.869	VV	571	7311	0.15%	0.003%
48	3.872	3.869	3.878	VV	289	1444	0.03%	0.001%
49	3.910	3.878	3.922	VV	1311	18997	0.38%	0.008%
50	3.934	3.922	3.983	VV	1097	21074	0.43%	0.009%
51	4.007	3.983	4.032	VV	886	14216	0.29%	0.006%
52	4.033	4.032	4.048	VV	369	1947	0.04%	0.001%
53	4.050	4.048	4.069	VV	218	1170	0.02%	0.001%
54	4.089	4.069	4.096	PV	878	1911	0.04%	0.001%
55	4.125	4.096	4.200	VV	3401	74211	1.50%	0.033%
56	4.215	4.200	4.252	VV	886	16694	0.34%	0.007%
57	4.282	4.252	4.309	VV	11286	202529	4.10%	0.089%
58	4.322	4.309	4.378	VV	6219	131603	2.66%	0.058%
59	4.383	4.378	4.398	VV	1186	12940	0.26%	0.006%
60	4.403	4.398	4.461	VV	1133	25288	0.51%	0.011%
61	4.465	4.461	4.500	VV	508	9363	0.19%	0.004%
62	4.510	4.500	4.532	VV	522	7857	0.16%	0.003%
63	4.571	4.532	4.605	VV	227988	2288566	46.30%	1.010%
64	4.612	4.605	4.635	VV	1519	19761	0.40%	0.009%
65	4.651	4.635	4.667	VV	891	14149	0.29%	0.006%
66	4.683	4.667	4.708	VV	1191	19160	0.39%	0.008%
67	4.734	4.708	4.759	VV	1525	28798	0.58%	0.013%
68	4.770	4.759	4.780	VV	585	6279	0.13%	0.003%
69	4.805	4.780	4.874	VV	11827	198729	4.02%	0.088%
70	4.879	4.874	4.901	VV	869	11615	0.24%	0.005%
71	4.907	4.901	4.930	VV	504	8087	0.16%	0.004%
72	4.957	4.930	4.979	VV	1332	26915	0.54%	0.012%
73	4.988	4.979	5.009	VV	979	13458	0.27%	0.006%
74	5.033	5.009	5.056	VV	797	16693	0.34%	0.007%
75	5.078	5.056	5.103	VV	977	20156	0.41%	0.009%
76	5.151	5.103	5.198	VV	1006	35807	0.72%	0.016%
77	5.229	5.198	5.261	VV	820	18793	0.38%	0.008%
78	5.276	5.261	5.301	VV	532	9479	0.19%	0.004%
79	5.317	5.301	5.347	VV	1338	26886	0.54%	0.012%

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80	5.358	5.347	5.374	VV	754	9367	0.19%	0.004%
81	5.391	5.374	5.436	VV	1996	3546		
82	5.457	5.436	5.496	VV	3371	6514		
83	5.515	5.496	5.569	VV	5324	7943		
84	5.580	5.569	5.602	VV	599	765		
85	5.645	5.602	5.690	VV	20876	274478	5.55%	0.121%
86	5.707	5.690	5.732	VV	2485	37945	0.77%	0.017%
87	5.759	5.732	5.806	VV	3243	57081	1.15%	0.025%
88	5.827	5.806	5.862	VV	656	13437	0.27%	0.006%
89	5.874	5.862	5.882	VV	356	3604	0.07%	0.002%
90	5.898	5.882	5.922	VV	601	8280	0.17%	0.004%
91	5.934	5.922	5.938	PV	146	972	0.02%	0.000%
92	5.981	5.938	6.006	VV	3478	61987	1.25%	0.027%
93	6.022	6.006	6.029	VV	3072	33682	0.68%	0.015%
94	6.043	6.029	6.088	VV	5925	86270	1.75%	0.038%
95	6.098	6.088	6.120	VV	939	13157	0.27%	0.006%
96	6.132	6.120	6.164	VV	485	10782	0.22%	0.005%
97	6.184	6.164	6.210	VV	1037	17151	0.35%	0.008%
98	6.244	6.210	6.259	VV	1166	22763	0.46%	0.010%
99	6.280	6.259	6.323	VV	18463	226093	4.57%	0.100%
100	6.331	6.323	6.366	VV	1502	25575	0.52%	0.011%
101	6.379	6.366	6.405	VV	1041	15926	0.32%	0.007%
102	6.445	6.405	6.492	VV	1077	27202	0.55%	0.012%
103	6.510	6.492	6.547	PV	337	6958	0.14%	0.003%
104	6.576	6.547	6.609	VV	987	15844	0.32%	0.007%
105	6.627	6.609	6.641	VV	399	5589	0.11%	0.002%
106	6.685	6.641	6.708	VV	17978	227581	4.60%	0.100%
107	6.734	6.708	6.758	VV	252287	2588581	52.37%	1.142%
108	6.770	6.758	6.869	VV	8986	154732	3.13%	0.068%
109	6.886	6.869	6.912	VV	1026	15734	0.32%	0.007%
110	6.921	6.912	6.952	VV	499	8853	0.18%	0.004%
111	6.962	6.952	6.975	VV	265	2999	0.06%	0.001%
112	6.994	6.975	7.004	VV	423	4631	0.09%	0.002%
113	7.018	7.004	7.036	VV	501	5570	0.11%	0.002%
114	7.076	7.036	7.123	VV	1293	34124	0.69%	0.015%
115	7.145	7.123	7.166	VV	1374	17680	0.36%	0.008%
116	7.194	7.166	7.215	VV	742	16552	0.33%	0.007%
117	7.235	7.215	7.256	VV	998	17578	0.36%	0.008%
118	7.276	7.256	7.285	VV	1262	17516	0.35%	0.008%
119	7.306	7.285	7.338	VV	8596	112671	2.28%	0.050%
120	7.373	7.338	7.424	VV	14803	226134	4.58%	0.100%
121	7.429	7.424	7.437	VV	1248	8609	0.17%	0.004%
122	7.453	7.437	7.477	VV	1590	27388	0.55%	0.012%
123	7.510	7.477	7.539	VV	11708	139569	2.82%	0.062%
124	7.549	7.539	7.570	VV	896	12161	0.25%	0.005%
125	7.575	7.570	7.586	VV	362	2686	0.05%	0.001%
126	7.605	7.586	7.625	VV	4507	48437	0.98%	0.021%

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127	7.633	7.625	7.651	VV	675	8051	0.16%	0.004%
128	7.676	7.651	7.710	VV	5206	7858		
129	7.715	7.710	7.727	VV	904	869		
130	7.743	7.727	7.782	VV	3675	4658		
131	7.810	7.782	7.837	PV	1856	2579		
132	7.895	7.837	7.925	VV	4379	74379	1.50%	0.033%
133	7.950	7.925	7.961	VV	931	15396	0.31%	0.007%
134	7.964	7.961	7.997	VV	856	7781	0.16%	0.003%
135	8.021	7.997	8.036	PV	1038	10782	0.22%	0.005%
136	8.049	8.036	8.054	VV	296	2388	0.05%	0.001%
137	8.076	8.054	8.097	VV	8784	107588	2.18%	0.047%
138	8.111	8.097	8.147	VV	4532	86324	1.75%	0.038%
139	8.160	8.147	8.191	VV	2657	38849	0.79%	0.017%
140	8.206	8.191	8.227	VV	783	11864	0.24%	0.005%
141	8.255	8.227	8.260	VV	2535	26334	0.53%	0.012%
142	8.278	8.260	8.299	VV	3152	62908	1.27%	0.028%
143	8.308	8.299	8.333	VV	2123	31508	0.64%	0.014%
144	8.338	8.333	8.344	VV	679	4084	0.08%	0.002%
145	8.370	8.344	8.373	VV	5508	50812	1.03%	0.022%
146	8.382	8.373	8.425	VV	5838	93803	1.90%	0.041%
147	8.440	8.425	8.461	VV	1256	22794	0.46%	0.010%
148	8.487	8.461	8.503	VV	10684	125718	2.54%	0.055%
149	8.515	8.503	8.530	VV	7161	80570	1.63%	0.036%
150	8.559	8.530	8.601	VV	240491	2580556	52.21%	1.139%
151	8.673	8.601	8.749	VV	30373	572570	11.58%	0.253%
152	8.764	8.749	8.796	VV	3161	49897	1.01%	0.022%
153	8.808	8.796	8.866	VV	1234	24883	0.50%	0.011%
154	8.908	8.866	8.930	PV	5442	82944	1.68%	0.037%
155	8.970	8.930	8.998	VV	34065	454319	9.19%	0.200%
156	9.017	8.998	9.069	VV	7826	156372	3.16%	0.069%
157	9.092	9.069	9.119	VV	4009	70840	1.43%	0.031%
158	9.155	9.119	9.167	VV	1332	30675	0.62%	0.014%
159	9.185	9.167	9.192	VV	1192	16133	0.33%	0.007%
160	9.213	9.192	9.228	VV	5232	71701	1.45%	0.032%
161	9.247	9.228	9.270	VV	11093	141212	2.86%	0.062%
162	9.285	9.270	9.294	VV	2271	28422	0.58%	0.013%
163	9.304	9.294	9.319	VV	2288	30598	0.62%	0.014%
164	9.334	9.319	9.363	VV	1918	33836	0.68%	0.015%
165	9.383	9.363	9.403	VV	8049	94213	1.91%	0.042%
166	9.423	9.403	9.461	VV	4792	72801	1.47%	0.032%
167	9.483	9.461	9.511	VV	1656	23068	0.47%	0.010%
168	9.538	9.511	9.555	VV	4163	46716	0.95%	0.021%
169	9.572	9.555	9.599	VV	4192	51293	1.04%	0.023%
170	9.625	9.599	9.644	VV	4622	62653	1.27%	0.028%
171	9.674	9.644	9.700	VV	4478	78463	1.59%	0.035%
172	9.718	9.700	9.736	VV	3824	46012	0.93%	0.020%
173	9.759	9.736	9.816	VV	31721	439469	8.89%	0.194%
174	9.836	9.816	9.867	VV	5135	92497	1.87%	0.041%

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175	9.881	9.867	9.890	VV	3295	34765	0.70%	0.015%
176	9.908	9.890	9.927	VV	9723	14049		
177	9.938	9.927	9.954	VV	4838	5737		
178	9.971	9.954	10.007	VV	4892	8826		
179	10.036	10.007	10.065	VV	113372	130065		
180	10.080	10.065	10.123	VV	10803	208522	4.22%	0.092%
181	10.163	10.123	10.203	VV	234106	2733511	55.31%	1.206%
182	10.212	10.203	10.232	VV	3857	50759	1.03%	0.022%
183	10.246	10.232	10.258	VV	2769	35609	0.72%	0.016%
184	10.271	10.258	10.309	VV	2668	40865	0.83%	0.018%
185	10.342	10.309	10.368	VV	1441	33224	0.67%	0.015%
186	10.381	10.368	10.407	VV	752	9018	0.18%	0.004%
187	10.444	10.407	10.455	PV	1326	18321	0.37%	0.008%
188	10.474	10.455	10.487	VV	2757	33481	0.68%	0.015%
189	10.507	10.487	10.532	VV	15238	179787	3.64%	0.079%
190	10.551	10.532	10.573	VV	4097	60186	1.22%	0.027%
191	10.614	10.573	10.625	VV	3873	65604	1.33%	0.029%
192	10.645	10.625	10.666	VV	10141	138987	2.81%	0.061%
193	10.684	10.666	10.715	VV	6475	94689	1.92%	0.042%
194	10.727	10.715	10.737	VV	2057	22884	0.46%	0.010%
195	10.760	10.737	10.795	VV	7860	134733	2.73%	0.059%
196	10.822	10.795	10.852	VV	11353	188747	3.82%	0.083%
197	10.856	10.852	10.868	VV	2884	23196	0.47%	0.010%
198	10.900	10.868	10.916	VV	7709	120178	2.43%	0.053%
199	10.929	10.916	10.943	VV	5463	63831	1.29%	0.028%
200	10.969	10.943	11.018	VV	18157	321777	6.51%	0.142%
201	11.034	11.018	11.047	VV	1985	28007	0.57%	0.012%
202	11.064	11.047	11.085	VV	3620	46615	0.94%	0.021%
203	11.095	11.085	11.112	VV	1244	15794	0.32%	0.007%
204	11.133	11.112	11.140	VV	3779	38025	0.77%	0.017%
205	11.167	11.140	11.217	VV	284775	3273421	66.23%	1.444%
206	11.242	11.217	11.268	VV	85122	997744	20.19%	0.440%
207	11.278	11.268	11.312	VV	7217	134277	2.72%	0.059%
208	11.327	11.312	11.368	VV	2525	55107	1.11%	0.024%
209	11.380	11.368	11.395	VV	662	6105	0.12%	0.003%
210	11.420	11.395	11.440	PV	3754	50442	1.02%	0.022%
211	11.461	11.440	11.500	VV	23515	326764	6.61%	0.144%
212	11.512	11.500	11.517	VV	1740	17080	0.35%	0.008%
213	11.533	11.517	11.547	VV	2466	33740	0.68%	0.015%
214	11.568	11.547	11.574	VV	3254	41237	0.83%	0.018%
215	11.606	11.574	11.639	VV	243995	2769902	56.04%	1.222%
216	11.656	11.639	11.669	VV	3448	53920	1.09%	0.024%
217	11.693	11.669	11.732	VV	15971	238633	4.83%	0.105%
218	11.762	11.732	11.776	VV	4242	55599	1.12%	0.025%
219	11.798	11.776	11.837	VV	18383	290673	5.88%	0.128%
220	11.862	11.837	11.884	VV	4228	83692	1.69%	0.037%
221	11.895	11.884	11.908	VV	2014	24764	0.50%	0.011%

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222	11.923	11.908	11.942	VV	2348	29889	0.60%	0.013%
223	11.968	11.942	11.984	VV	42189	47746		
224	12.000	11.984	12.041	VV	49787	64846		
225	12.084	12.041	12.102	VV	45167	75081		
226	12.117	12.102	12.131	VV	27934	33118		
227	12.149	12.131	12.185	VV	39004	496763	10.05%	0.219%
228	12.238	12.185	12.253	VV	4932	121709	2.46%	0.054%
229	12.273	12.253	12.317	VV	7586	160552	3.25%	0.071%
230	12.341	12.317	12.360	VV	14096	197498	4.00%	0.087%
231	12.365	12.360	12.415	VV	7163	121603	2.46%	0.054%
232	12.438	12.415	12.463	VV	22665	288697	5.84%	0.127%
233	12.471	12.463	12.483	VV	3629	37783	0.76%	0.017%
234	12.525	12.483	12.561	VV	14817	273240	5.53%	0.121%
235	12.585	12.561	12.607	VV	5097	83810	1.70%	0.037%
236	12.620	12.607	12.629	VV	2198	25874	0.52%	0.011%
237	12.647	12.629	12.660	VV	3188	48113	0.97%	0.021%
238	12.688	12.660	12.700	VV	6495	108104	2.19%	0.048%
239	12.712	12.700	12.729	VV	6282	80233	1.62%	0.035%
240	12.760	12.729	12.772	VV	11938	171635	3.47%	0.076%
241	12.777	12.772	12.802	VV	8944	84903	1.72%	0.037%
242	12.832	12.802	12.850	VV	12988	195944	3.96%	0.086%
243	12.870	12.850	12.887	VV	28987	390033	7.89%	0.172%
244	12.914	12.887	12.957	VV	239121	3033871	61.38%	1.339%
245	12.992	12.957	13.044	VV	381453	4435942	89.75%	1.957%
246	13.058	13.044	13.072	VV	3834	47445	0.96%	0.021%
247	13.085	13.072	13.102	VV	2887	37219	0.75%	0.016%
248	13.127	13.102	13.156	VV	13398	260698	5.27%	0.115%
249	13.175	13.156	13.191	VV	15654	218523	4.42%	0.096%
250	13.204	13.191	13.219	VV	10154	146514	2.96%	0.065%
251	13.227	13.219	13.259	VV	8187	133224	2.70%	0.059%
252	13.290	13.259	13.324	VV	334946	3826807	77.43%	1.689%
253	13.342	13.324	13.359	VV	36498	438840	8.88%	0.194%
254	13.375	13.359	13.423	VV	29788	479489	9.70%	0.212%
255	13.436	13.423	13.441	VV	2629	24430	0.49%	0.011%
256	13.460	13.441	13.475	VV	11401	140823	2.85%	0.062%
257	13.494	13.475	13.513	VV	15134	212937	4.31%	0.094%
258	13.525	13.513	13.538	VV	6809	79575	1.61%	0.035%
259	13.557	13.538	13.594	VV	17085	279639	5.66%	0.123%
260	13.618	13.594	13.624	VV	6832	84902	1.72%	0.037%
261	13.635	13.624	13.661	VV	7060	87069	1.76%	0.038%
262	13.684	13.661	13.723	VV	10108	228689	4.63%	0.101%
263	13.746	13.723	13.778	VV	25488	394731	7.99%	0.174%
264	13.782	13.778	13.819	VV	3036	35551	0.72%	0.016%
265	13.877	13.819	13.918	PV	70504	1160205	23.47%	0.512%
266	13.941	13.918	13.960	VV	5989	90386	1.83%	0.040%
267	13.984	13.960	14.006	VV	53114	691488	13.99%	0.305%
268	14.024	14.006	14.046	VV	34110	434339	8.79%	0.192%
269	14.061	14.046	14.080	VV	12494	165422	3.35%	0.073%

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270	14.111	14.080	14.138	VV	219145	2872106	58.11%	1.267%
271	14.154	14.138	14.176	VV	30836	41469		
272	14.195	14.176	14.237	VV	24982	34317		
273	14.260	14.237	14.269	VV	2806	4272		
274	14.273	14.269	14.294	VV	2796	2374		
275	14.324	14.294	14.328	VV	3366	38958	0.79%	0.017%
276	14.342	14.328	14.368	VV	3950	58358	1.18%	0.026%
277	14.391	14.368	14.395	PV	1888	17456	0.35%	0.008%
278	14.403	14.395	14.421	VV	1913	20190	0.41%	0.009%
279	14.440	14.421	14.451	PV	3356	36303	0.73%	0.016%
280	14.457	14.451	14.462	VV	2771	16322	0.33%	0.007%
281	14.466	14.462	14.480	VV	2733	20618	0.42%	0.009%
282	14.504	14.480	14.532	VV	12906	197494	4.00%	0.087%
283	14.548	14.532	14.554	VV	5497	51796	1.05%	0.023%
284	14.583	14.554	14.603	VV	16302	307428	6.22%	0.136%
285	14.621	14.603	14.649	VV	20073	282628	5.72%	0.125%
286	14.676	14.649	14.702	VV	13714	256065	5.18%	0.113%
287	14.716	14.702	14.766	VV	10717	231870	4.69%	0.102%
288	14.792	14.766	14.813	VV	32380	454176	9.19%	0.200%
289	14.818	14.813	14.830	VV	9898	93049	1.88%	0.041%
290	14.855	14.830	14.880	VV	43757	694502	14.05%	0.306%
291	14.901	14.880	14.911	VV	13985	197865	4.00%	0.087%
292	14.926	14.911	14.956	VV	18763	275268	5.57%	0.121%
293	14.977	14.956	14.982	VV	5737	65740	1.33%	0.029%
294	15.010	14.982	15.092	VV	106336	1667061	33.73%	0.736%
295	15.125	15.092	15.141	PV	16204	204242	4.13%	0.090%
296	15.171	15.141	15.190	VV	190228	2475962	50.10%	1.093%
297	15.213	15.190	15.245	VV	384348	4892042	98.98%	2.159%
298	15.256	15.245	15.295	VV	6522	116439	2.36%	0.051%
299	15.332	15.295	15.386	VV	45678	846430	17.13%	0.374%
300	15.416	15.386	15.450	VV	14450	241983	4.90%	0.107%
301	15.475	15.450	15.497	VV	20758	297193	6.01%	0.131%
302	15.516	15.497	15.537	VV	13786	222674	4.51%	0.098%
303	15.551	15.537	15.567	VV	9798	125444	2.54%	0.055%
304	15.594	15.567	15.693	VV	71998	1350502	27.32%	0.596%
305	15.734	15.693	15.741	PV	15010	201867	4.08%	0.089%
306	15.753	15.741	15.773	VV	18283	232065	4.70%	0.102%
307	15.798	15.773	15.816	VV	11221	179160	3.62%	0.079%
308	15.843	15.816	15.864	VV	50928	710281	14.37%	0.313%
309	15.879	15.864	15.909	VV	23813	350015	7.08%	0.154%
310	15.929	15.909	15.952	VV	13908	219290	4.44%	0.097%
311	15.956	15.952	15.962	VV	6676	39566	0.80%	0.017%
312	16.002	15.962	16.041	VV	30558	841181	17.02%	0.371%
313	16.077	16.041	16.093	VV	13297	242530	4.91%	0.107%
314	16.111	16.093	16.142	VV	6493	134898	2.73%	0.060%
315	16.165	16.142	16.195	VV	8228	115057	2.33%	0.051%
316	16.235	16.195	16.322	VV	200344	2849261	57.65%	1.257%

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317	16.345	16.322	16.356	PV	2734	34105	0.69%	0.015%
318	16.376	16.356	16.397	PV	2279	2511		
319	16.442	16.397	16.465	PV	9497	20061		
320	16.479	16.465	16.500	VV	8414	9889		
321	16.522	16.500	16.536	VV	14467	20226		
322	16.545	16.536	16.573	VV	10971	185948	3.76%	0.082%
323	16.607	16.573	16.632	VV	46059	810713	16.40%	0.358%
324	16.642	16.632	16.667	VV	16770	248502	5.03%	0.110%
325	16.684	16.667	16.696	VV	9092	131173	2.65%	0.058%
326	16.737	16.696	16.754	VV	196547	3089330	62.51%	1.363%
327	16.763	16.754	16.790	VV	89899	1020847	20.65%	0.450%
328	16.799	16.790	16.812	VV	8288	93067	1.88%	0.041%
329	16.816	16.812	16.831	VV	6054	62912	1.27%	0.028%
330	16.866	16.831	16.888	VV	48824	752213	15.22%	0.332%
331	16.894	16.888	16.912	VV	12104	140000	2.83%	0.062%
332	16.926	16.912	16.953	VV	9091	189209	3.83%	0.083%
333	16.984	16.953	17.000	VV	12994	270569	5.47%	0.119%
334	17.020	17.000	17.033	VV	33281	467955	9.47%	0.206%
335	17.059	17.033	17.087	VV	140362	1995629	40.38%	0.881%
336	17.119	17.087	17.156	VV	163455	2382034	48.20%	1.051%
337	17.186	17.156	17.206	VV	202115	2846274	57.59%	1.256%
338	17.217	17.206	17.243	VV	60028	865104	17.50%	0.382%
339	17.264	17.243	17.286	VV	28778	528254	10.69%	0.233%
340	17.291	17.286	17.299	VV	11209	85863	1.74%	0.038%
341	17.330	17.299	17.336	VV	14902	280079	5.67%	0.124%
342	17.366	17.336	17.399	VV	25785	746938	15.11%	0.330%
343	17.421	17.399	17.427	VV	17278	258486	5.23%	0.114%
344	17.432	17.427	17.440	VV	17668	137624	2.78%	0.061%
345	17.480	17.440	17.529	VV	35107	1407710	28.48%	0.621%
346	17.550	17.529	17.593	VV	58306	1249893	25.29%	0.552%
347	17.636	17.593	17.665	VV	52784	1357228	27.46%	0.599%
348	17.706	17.665	17.725	VV	21444	602174	12.18%	0.266%
349	17.735	17.725	17.748	VV	17501	229785	4.65%	0.101%
350	17.775	17.748	17.800	VV	30135	702599	14.22%	0.310%
351	17.811	17.800	17.836	VV	19745	356179	7.21%	0.157%
352	17.845	17.836	17.860	VV	13052	166619	3.37%	0.074%
353	17.881	17.860	17.887	VV	14526	206254	4.17%	0.091%
354	17.904	17.887	17.907	VV	15839	181299	3.67%	0.080%
355	17.912	17.907	17.919	VV	15296	108796	2.20%	0.048%
356	17.925	17.919	17.948	VV	14448	211620	4.28%	0.093%
357	17.988	17.948	18.000	VV	17166	443473	8.97%	0.196%
358	18.005	18.000	18.015	VV	15623	141029	2.85%	0.062%
359	18.074	18.015	18.101	VV	209289	3555781	71.94%	1.569%
360	18.107	18.101	18.122	VV	22302	247170	5.00%	0.109%
361	18.126	18.122	18.138	VV	18273	165959	3.36%	0.073%
362	18.163	18.138	18.181	VV	28215	558690	11.30%	0.247%
363	18.227	18.181	18.245	VV	38304	1099651	22.25%	0.485%
364	18.268	18.245	18.303	VV	31096	957428	19.37%	0.422%

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365	18.313	18.303	18.346	VV	23798	509242	10.30%	0.225%
366	18.365	18.346	18.370	VV	19113	24988		
367	18.399	18.370	18.412	VV	57256	92726		
368	18.431	18.412	18.467	VV	93511	183839		
369	18.496	18.467	18.522	VV	194830	309187		
370	18.532	18.522	18.554	VV	39486	668572	13.53%	0.295%
371	18.575	18.554	18.579	VV	35932	457852	9.26%	0.202%
372	18.596	18.579	18.607	VV	42574	658653	13.33%	0.291%
373	18.625	18.607	18.642	VV	56456	942812	19.08%	0.416%
374	18.656	18.642	18.672	VV	47288	774652	15.67%	0.342%
375	18.680	18.672	18.706	VV	38681	634841	12.84%	0.280%
376	18.711	18.706	18.725	VV	24198	261243	5.29%	0.115%
377	18.753	18.725	18.783	VV	138363	2240251	45.33%	0.989%
378	18.791	18.783	18.807	VV	27527	378620	7.66%	0.167%
379	18.830	18.807	18.842	VV	35288	653467	13.22%	0.288%
380	18.906	18.842	18.955	VV	200122	4942442	100.00%	2.181%
381	19.011	18.955	19.046	VV	51440	1964862	39.75%	0.867%
382	19.066	19.046	19.107	VV	49059	1367599	27.67%	0.603%
383	19.113	19.107	19.123	VV	28547	258997	5.24%	0.114%
384	19.131	19.123	19.143	VV	28129	341344	6.91%	0.151%
385	19.187	19.143	19.219	VV	46373	1665751	33.70%	0.735%
386	19.266	19.219	19.292	VV	113849	2958487	59.86%	1.305%
387	19.317	19.292	19.370	VV	63411	2382185	48.20%	1.051%
388	19.391	19.370	19.410	VV	49417	1049478	21.23%	0.463%
389	19.441	19.410	19.493	VV	59380	2222039	44.96%	0.981%
390	19.503	19.493	19.508	VV	35964	309763	6.27%	0.137%
391	19.512	19.508	19.518	VV	36553	220095	4.45%	0.097%
392	19.551	19.518	19.590	VV	59521	1995811	40.38%	0.881%
393	19.608	19.590	19.627	VV	43057	866046	17.52%	0.382%
394	19.634	19.627	19.637	VV	35029	222955	4.51%	0.098%
395	19.644	19.637	19.650	VV	35032	263873	5.34%	0.116%
396	19.690	19.650	19.718	VV	191194	3721654	75.30%	1.642%
397	19.733	19.718	19.751	VV	55086	979719	19.82%	0.432%
398	19.768	19.751	19.783	VV	51534	896896	18.15%	0.396%
399	19.800	19.783	19.815	VV	52603	955745	19.34%	0.422%
400	19.838	19.815	19.849	VV	51116	979508	19.82%	0.432%
401	19.873	19.849	19.882	VV	52739	1019826	20.63%	0.450%
402	19.911	19.882	19.945	VV	86267	2458692	49.75%	1.085%
403	19.979	19.945	20.011	VV	97538	2816687	56.99%	1.243%
404	20.047	20.011	20.110	VV	83785	3958521	80.09%	1.747%
405	20.115	20.110	20.151	VV	59407	1305584	26.42%	0.576%
406	20.159	20.151	20.162	VV	48373	299933	6.07%	0.132%
407	20.198	20.162	20.220	VV	58997	1885313	38.15%	0.832%
408	20.246	20.220	20.255	VV	56253	1152206	23.31%	0.508%
409	20.295	20.255	20.334	VV	118296	3789356	76.67%	1.672%
410	20.360	20.334	20.376	VV	78252	1781954	36.05%	0.786%
411	20.388	20.376	20.400	VV	71310	1011392	20.46%	0.446%

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412	20.431	20.400	20.462	VV	200315	4375301	88.53%	1.931%
413	20.467	20.462	20.482	VV	63222	75078		
414	20.506	20.482	20.522	VV	71259	164841		
415	20.534	20.522	20.551	VV	68428	113213		
416	20.554	20.551	20.559	VV	64563	32249		
417	20.596	20.559	20.614	VV	73181	2267345	45.87%	1.001%
418	20.644	20.614	20.658	VV	74752	1851560	37.46%	0.817%
419	20.667	20.658	20.677	VV	72410	814750	16.48%	0.360%
420	20.728	20.677	20.736	VV	76257	2583085	52.26%	1.140%
421	20.755	20.736	20.760	VV	77575	1076410	21.78%	0.475%
422	20.776	20.760	20.864	VV	83259	4235092	85.69%	1.869%
423	20.878	20.864	20.894	VV	57416	1029994	20.84%	0.455%
424	20.903	20.894	20.909	VV	57230	491345	9.94%	0.217%
425	20.916	20.909	20.923	VV	57657	506046	10.24%	0.223%
426	20.952	20.923	20.979	VV	61337	1958689	39.63%	0.864%
427	20.995	20.979	21.001	VV	57950	734432	14.86%	0.324%
428	21.007	21.001	21.012	VV	58251	401887	8.13%	0.177%
429	21.017	21.012	21.037	VV	58416	822709	16.65%	0.363%
430	21.041	21.037	21.054	VV	53985	563396	11.40%	0.249%
431	21.063	21.054	21.098	VV	53910	1323944	26.79%	0.584%
432	21.104	21.098	21.110	VV	50280	371634	7.52%	0.164%
433	21.114	21.110	21.121	VV	49471	316659	6.41%	0.140%
434	21.164	21.121	21.230	VV	156270	4771155	96.53%	2.105%
435	21.238	21.230	21.252	VV	38793	496295	10.04%	0.219%
436	21.268	21.252	21.277	VV	38809	562748	11.39%	0.248%
437	21.282	21.277	21.288	VV	38933	270208	5.47%	0.119%
438	21.334	21.288	21.367	VV	43019	1895122	38.34%	0.836%
439	21.371	21.367	21.374	VV	36958	168971	3.42%	0.075%
440	21.379	21.374	21.387	VV	36398	275891	5.58%	0.122%
441	21.412	21.387	21.437	VV	39225	1089867	22.05%	0.481%
442	21.443	21.437	21.448	VV	31614	209056	4.23%	0.092%
443	21.464	21.448	21.468	VV	31532	373820	7.56%	0.165%
444	21.476	21.468	21.499	VV	31899	570601	11.54%	0.252%
445	21.505	21.499	21.509	VV	30392	188630	3.82%	0.083%
446	21.516	21.509	21.557	VV	31462	829715	16.79%	0.366%
447	21.590	21.557	21.608	VV	33083	935992	18.94%	0.413%
448	21.613	21.608	21.653	VV	31462	723373	14.64%	0.319%
449	21.682	21.653	21.693	VV	26266	586281	11.86%	0.259%
450	21.712	21.693	21.775	VV	30010	1217786	24.64%	0.537%
451	21.779	21.775	21.865	VV	20680	819731	16.59%	0.362%
452	21.883	21.865	21.900	VV	11523	219469	4.44%	0.097%
453	21.915	21.900	21.921	VV	10507	123121	2.49%	0.054%
454	21.937	21.921	21.949	VV	12404	185917	3.76%	0.082%
455	21.953	21.949	21.964	VV	10080	83164	1.68%	0.037%
456	21.968	21.964	21.975	VV	7586	42893	0.87%	0.019%
457	22.075	21.975	22.129	VV	85393	2427197	49.11%	1.071%
458	22.162	22.129	22.188	VV	3384	60678	1.23%	0.027%

Sum of corrected areas: 226617980

Instrument :

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