

Instrument :

FID_G

ClientSampleId :

TOP-SOIL-1MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\F0

Data File : FG013751.D

Signal(s) : FID1A.ch

Acq On : 08 May 2024 21:00

Sample : P2404-02MSD

Misc :

ALS Vial : 22 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/09/2024

Supervised By :Ankita Jodhani 05/09/2024

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M

Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.945	1.918	1.972	BV	441	4099	0.09%	0.004%
2	1.976	1.972	1.986	PV	83	334	0.01%	0.000%
3	2.001	1.986	2.006	PV	171	1413	0.03%	0.001%
4	2.012	2.006	2.027	VV	223	1714	0.04%	0.002%
5	2.058	2.027	2.113	VV	85340	1131460	25.82%	1.124%
6	2.117	2.113	2.120	VV	155	549	0.01%	0.001%
7	2.135	2.120	2.172	VV	388	6802	0.16%	0.007%
8	2.178	2.172	2.182	VV	127	449	0.01%	0.000%
9	2.190	2.182	2.195	VV	91	535	0.01%	0.001%
10	2.204	2.195	2.210	VV	77	422	0.01%	0.000%
11	2.220	2.210	2.226	VV	91	452	0.01%	0.000%
12	2.239	2.226	2.247	PV	108	1009	0.02%	0.001%
13	2.262	2.247	2.314	VV	622	13006	0.30%	0.013%
14	2.318	2.314	2.327	VV	102	630	0.01%	0.001%
15	2.348	2.327	2.380	VV	1539	19631	0.45%	0.020%
16	2.386	2.380	2.400	VV	194	1677	0.04%	0.002%
17	2.415	2.400	2.463	VV	273	4976	0.11%	0.005%
18	2.486	2.463	2.500	VV	176	1902	0.04%	0.002%
19	2.505	2.500	2.533	VV	93	1009	0.02%	0.001%
20	2.540	2.533	2.547	VV	83	383	0.01%	0.000%
21	2.553	2.547	2.563	VV	83	562	0.01%	0.001%
22	2.572	2.563	2.583	VV	127	767	0.02%	0.001%
23	2.616	2.583	2.647	VV	370	6517	0.15%	0.006%
24	2.660	2.647	2.672	VV	104	931	0.02%	0.001%
25	2.678	2.672	2.690	PV	118	807	0.02%	0.001%
26	2.704	2.690	2.718	VV	116	1204	0.03%	0.001%
27	2.758	2.718	2.779	VV	327	6313	0.14%	0.006%
28	2.786	2.779	2.798	VV	164	1271	0.03%	0.001%
29	2.802	2.798	2.806	VV	97	405	0.01%	0.000%
30	2.811	2.806	2.818	VV	119	623	0.01%	0.001%
31	2.832	2.818	2.839	VV	237	2109	0.05%	0.002%

32	2.864	2.839	2.868	VV	293	4259	0.10%	0.004%
33	2.873	2.868	2.903	VV	293	485		
34	2.907	2.903	2.913	VV	218	107		
35	2.944	2.913	2.966	VV	505	1064		
36	2.975	2.966	2.985	VV	331	341		
37	2.989	2.985	2.998	VV	337	2132	0.05%	0.002%
38	3.004	2.998	3.009	VV	321	1763	0.04%	0.002%
39	3.012	3.009	3.018	VV	253	1276	0.03%	0.001%
40	3.022	3.018	3.031	VV	331	2322	0.05%	0.002%
41	3.034	3.031	3.050	VV	331	3132	0.07%	0.003%
42	3.067	3.050	3.094	VV	505	9426	0.22%	0.009%
43	3.100	3.094	3.110	VV	310	2561	0.06%	0.003%
44	3.130	3.110	3.153	VV	763	11809	0.27%	0.012%
45	3.182	3.153	3.217	VV	2017	32693	0.75%	0.032%
46	3.228	3.217	3.233	VV	475	4425	0.10%	0.004%
47	3.238	3.233	3.252	VV	472	4877	0.11%	0.005%
48	3.257	3.252	3.265	VV	461	3281	0.07%	0.003%
49	3.268	3.265	3.291	VV	501	4300	0.10%	0.004%
50	3.295	3.291	3.314	VV	129	1048	0.02%	0.001%
51	3.328	3.314	3.360	VV	248	3587	0.08%	0.004%
52	3.364	3.360	3.373	VV	84	327	0.01%	0.000%
53	3.381	3.373	3.385	VV	88	451	0.01%	0.000%
54	3.390	3.385	3.392	VV	96	302	0.01%	0.000%
55	3.403	3.392	3.460	VV	473	8818	0.20%	0.009%
56	3.464	3.460	3.470	VV	138	724	0.02%	0.001%
57	3.474	3.470	3.494	VV	165	1642	0.04%	0.002%
58	3.506	3.494	3.519	VV	123	1077	0.02%	0.001%
59	3.534	3.519	3.541	PV	180	1357	0.03%	0.001%
60	3.550	3.541	3.555	VV	143	946	0.02%	0.001%
61	3.565	3.555	3.584	VV	141	2011	0.05%	0.002%
62	3.588	3.584	3.602	VV	625	1296	0.03%	0.001%
63	3.607	3.602	3.614	VV	123	439	0.01%	0.000%
64	3.620	3.614	3.627	VV	81	447	0.01%	0.000%
65	3.632	3.627	3.639	VV	121	512	0.01%	0.001%
66	3.649	3.639	3.653	VV	107	720	0.02%	0.001%
67	3.680	3.653	3.700	VV	318	5267	0.12%	0.005%
68	3.708	3.700	3.714	VV	163	993	0.02%	0.001%
69	3.726	3.714	3.734	VV	190	1521	0.03%	0.002%
70	3.738	3.734	3.756	VV	120	1133	0.03%	0.001%
71	3.775	3.756	3.779	VV	216	1846	0.04%	0.002%
72	3.786	3.779	3.790	VV	189	1205	0.03%	0.001%
73	3.795	3.790	3.840	VV	506	4211	0.10%	0.004%
74	3.844	3.840	3.852	VV	82	586	0.01%	0.001%
75	3.859	3.852	3.867	VV	172	1092	0.02%	0.001%
76	3.875	3.867	3.881	VV	172	1138	0.03%	0.001%
77	3.885	3.881	3.901	VV	121	1116	0.03%	0.001%
78	3.913	3.901	3.932	VV	209	2053	0.05%	0.002%
79	3.936	3.932	3.948	VV	135	529	0.01%	0.001%

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80	3.968	3.948	3.980	PV	132	1151	0.03%	0.001%
81	3.986	3.980	3.996	PV	78	54		
82	4.013	3.996	4.024	VV	174	197		
83	4.037	4.024	4.050	VV	199	246		
84	4.053	4.050	4.075	VV	130	121		
85	4.121	4.075	4.155	VV	1854	24302	0.55%	0.024%
86	4.174	4.155	4.210	VV	1464	20764	0.47%	0.021%
87	4.217	4.210	4.226	VV	357	2655	0.06%	0.003%
88	4.231	4.226	4.247	VV	282	2744	0.06%	0.003%
89	4.249	4.247	4.258	VV	200	888	0.02%	0.001%
90	4.260	4.258	4.270	VV	147	715	0.02%	0.001%
91	4.276	4.270	4.281	VV	142	735	0.02%	0.001%
92	4.286	4.281	4.292	VV	130	706	0.02%	0.001%
93	4.309	4.292	4.338	VV	1535	20580	0.47%	0.020%
94	4.351	4.338	4.375	VV	622	8501	0.19%	0.008%
95	4.383	4.375	4.390	VV	226	1493	0.03%	0.001%
96	4.396	4.390	4.403	VV	250	1703	0.04%	0.002%
97	4.418	4.403	4.441	VV	298	4191	0.10%	0.004%
98	4.445	4.441	4.449	VV	115	412	0.01%	0.000%
99	4.478	4.449	4.484	VV	179	2203	0.05%	0.002%
100	4.491	4.484	4.495	VV	174	975	0.02%	0.001%
101	4.500	4.495	4.506	VV	160	904	0.02%	0.001%
102	4.518	4.506	4.525	VV	206	1944	0.04%	0.002%
103	4.529	4.525	4.534	VV	169	720	0.02%	0.001%
104	4.538	4.534	4.541	VV	153	593	0.01%	0.001%
105	4.583	4.541	4.618	VV	177995	1882555	42.97%	1.870%
106	4.625	4.618	4.642	VV	539	6362	0.15%	0.006%
107	4.656	4.642	4.673	VV	421	5388	0.12%	0.005%
108	4.678	4.673	4.683	VV	154	702	0.02%	0.001%
109	4.704	4.683	4.727	VV	265	4925	0.11%	0.005%
110	4.752	4.727	4.778	VV	880	11204	0.26%	0.011%
111	4.787	4.778	4.792	VV	193	1311	0.03%	0.001%
112	4.816	4.792	4.855	VV	361	9192	0.21%	0.009%
113	4.867	4.855	4.883	VV	467	6698	0.15%	0.007%
114	4.902	4.883	4.916	VV	608	10637	0.24%	0.011%
115	4.955	4.916	4.993	VV	1234	32777	0.75%	0.033%
116	5.009	4.993	5.022	VV	354	4925	0.11%	0.005%
117	5.026	5.022	5.038	VV	316	2624	0.06%	0.003%
118	5.043	5.038	5.049	VV	225	1267	0.03%	0.001%
119	5.053	5.049	5.064	VV	246	1881	0.04%	0.002%
120	5.085	5.064	5.090	VV	246	2784	0.06%	0.003%
121	5.096	5.090	5.118	VV	254	2955	0.07%	0.003%
122	5.131	5.118	5.159	VV	228	3182	0.07%	0.003%
123	5.173	5.159	5.185	VV	178	2026	0.05%	0.002%
124	5.203	5.185	5.210	VV	262	2672	0.06%	0.003%
125	5.243	5.210	5.263	VV	435	8071	0.18%	0.008%
126	5.286	5.263	5.328	VV	489	8687	0.20%	0.009%

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127	5.345	5.328	5.357	VV	243	2788	0.06%	0.003%
128	5.371	5.357	5.388	VV	194	261		
129	5.400	5.388	5.454	VV	373	672		
130	5.469	5.454	5.483	PV	154	142		
131	5.490	5.483	5.498	VV	113	58		
132	5.527	5.498	5.554	VV	1370	16016	0.37%	0.016%
133	5.558	5.554	5.563	VV	211	895	0.02%	0.001%
134	5.569	5.563	5.580	VV	175	1353	0.03%	0.001%
135	5.592	5.580	5.623	VV	257	3642	0.08%	0.004%
136	5.628	5.623	5.643	VV	96	637	0.01%	0.001%
137	5.674	5.643	5.687	VV	182	2612	0.06%	0.003%
138	5.690	5.687	5.704	VV	116	608	0.01%	0.001%
139	5.722	5.704	5.737	PV	796	8265	0.19%	0.008%
140	5.756	5.737	5.777	VV	5465	55462	1.27%	0.055%
141	5.787	5.777	5.810	VV	667	7637	0.17%	0.008%
142	5.828	5.810	5.844	VV	517	6333	0.14%	0.006%
143	5.848	5.844	5.859	VV	205	1383	0.03%	0.001%
144	5.874	5.859	5.882	VV	131	1428	0.03%	0.001%
145	5.908	5.882	5.938	VV	429	6558	0.15%	0.007%
146	5.970	5.938	6.008	VV	345	7760	0.18%	0.008%
147	6.036	6.008	6.068	VV	269	5138	0.12%	0.005%
148	6.089	6.068	6.105	VV	238	2979	0.07%	0.003%
149	6.148	6.105	6.179	VV	490	10683	0.24%	0.011%
150	6.199	6.179	6.218	VV	259	4013	0.09%	0.004%
151	6.234	6.218	6.244	VV	328	3266	0.07%	0.003%
152	6.258	6.244	6.274	VV	376	4645	0.11%	0.005%
153	6.299	6.274	6.342	VV	2238	32049	0.73%	0.032%
154	6.365	6.342	6.430	VV	11173	128585	2.93%	0.128%
155	6.465	6.430	6.511	VV	929	19629	0.45%	0.020%
156	6.526	6.511	6.543	VV	415	6205	0.14%	0.006%
157	6.547	6.543	6.566	VV	279	3100	0.07%	0.003%
158	6.593	6.566	6.635	VV	2114	29709	0.68%	0.030%
159	6.640	6.635	6.660	VV	404	4931	0.11%	0.005%
160	6.666	6.660	6.690	VV	335	4829	0.11%	0.005%
161	6.705	6.690	6.711	VV	301	3295	0.08%	0.003%
162	6.755	6.711	6.811	VV	217207	2170174	49.53%	2.156%
163	6.831	6.811	6.853	VV	1857	20959	0.48%	0.021%
164	6.878	6.853	6.936	VV	12762	146098	3.33%	0.145%
165	6.947	6.936	6.971	VV	445	5973	0.14%	0.006%
166	6.975	6.971	6.978	VV	146	481	0.01%	0.000%
167	6.982	6.978	6.991	VV	155	785	0.02%	0.001%
168	7.023	6.991	7.027	VV	186	2365	0.05%	0.002%
169	7.033	7.027	7.038	VV	220	1271	0.03%	0.001%
170	7.041	7.038	7.061	VV	207	1427	0.03%	0.001%
171	7.086	7.061	7.091	VV	301	3116	0.07%	0.003%
172	7.094	7.091	7.098	VV	269	1082	0.02%	0.001%
173	7.108	7.098	7.113	VV	428	2725	0.06%	0.003%
174	7.118	7.113	7.137	VV	224	2523	0.06%	0.003%

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175	7.151	7.137	7.179	VV	239	3628	0.08%	0.004%
176	7.183	7.179	7.187	VV	99	32		
177	7.192	7.187	7.199	VV	177	82		
178	7.239	7.199	7.258	VV	1507	2249		
179	7.263	7.258	7.279	VV	604	647		
180	7.294	7.279	7.312	VV	573	8621	0.20%	0.009%
181	7.333	7.312	7.360	VV	444	7860	0.18%	0.008%
182	7.393	7.360	7.412	VV	885	12823	0.29%	0.013%
183	7.426	7.412	7.444	VV	1381	14331	0.33%	0.014%
184	7.449	7.444	7.460	VV	293	2085	0.05%	0.002%
185	7.478	7.460	7.513	VV	664	11157	0.25%	0.011%
186	7.531	7.513	7.551	PV	855	9267	0.21%	0.009%
187	7.571	7.551	7.591	VV	697	9437	0.22%	0.009%
188	7.603	7.591	7.643	VV	278	4931	0.11%	0.005%
189	7.655	7.643	7.663	VV	244	2083	0.05%	0.002%
190	7.667	7.663	7.683	VV	230	2244	0.05%	0.002%
191	7.702	7.683	7.749	VV	936	18709	0.43%	0.019%
192	7.768	7.749	7.784	VV	329	5518	0.13%	0.005%
193	7.792	7.784	7.810	VV	364	4169	0.10%	0.004%
194	7.825	7.810	7.831	VV	396	3960	0.09%	0.004%
195	7.836	7.831	7.856	VV	406	4477	0.10%	0.004%
196	7.884	7.856	7.905	VV	407	8472	0.19%	0.008%
197	7.924	7.905	7.952	VV	593	7492	0.17%	0.007%
198	7.960	7.952	7.970	PV	174	1509	0.03%	0.001%
199	7.996	7.970	8.027	VV	666	9849	0.22%	0.010%
200	8.051	8.027	8.068	VV	418	6307	0.14%	0.006%
201	8.087	8.068	8.099	VV	282	3818	0.09%	0.004%
202	8.131	8.099	8.151	VV	1251	23503	0.54%	0.023%
203	8.164	8.151	8.185	VV	747	11225	0.26%	0.011%
204	8.193	8.185	8.221	VV	388	4980	0.11%	0.005%
205	8.248	8.221	8.258	VV	288	4392	0.10%	0.004%
206	8.277	8.258	8.303	VV	505	9036	0.21%	0.009%
207	8.322	8.303	8.349	VV	776	13934	0.32%	0.014%
208	8.361	8.349	8.382	VV	527	6572	0.15%	0.007%
209	8.409	8.382	8.444	VV	1073	19240	0.44%	0.019%
210	8.478	8.444	8.497	VV	889	17191	0.39%	0.017%
211	8.514	8.497	8.532	VV	837	11289	0.26%	0.011%
212	8.542	8.532	8.554	VV	610	6771	0.15%	0.007%
213	8.588	8.554	8.635	VV	224564	2319165	52.93%	2.304%
214	8.659	8.635	8.664	VV	439	6947	0.16%	0.007%
215	8.668	8.664	8.675	VV	444	2596	0.06%	0.003%
216	8.701	8.675	8.732	VV	1795	30604	0.70%	0.030%
217	8.751	8.732	8.776	VV	1119	17702	0.40%	0.018%
218	8.781	8.776	8.796	VV	336	3066	0.07%	0.003%
219	8.817	8.796	8.853	VV	670	11279	0.26%	0.011%
220	8.863	8.853	8.868	VV	258	1956	0.04%	0.002%
221	8.890	8.868	8.924	VV	507	9603	0.22%	0.010%

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222	8.952	8.924	8.967	VV	650	9211	0.21%	0.009%
223	8.998	8.967	9.018	VV	1315	2048		
224	9.060	9.018	9.101	VV	2716	5267		
225	9.127	9.101	9.154	VV	1401	2465		
226	9.162	9.154	9.168	VV	313	215		
227	9.199	9.168	9.222	VV	715	16219	0.37%	0.016%
228	9.239	9.222	9.258	VV	763	11283	0.26%	0.011%
229	9.274	9.258	9.295	VV	1002	12491	0.29%	0.012%
230	9.332	9.295	9.357	VV	919	18749	0.43%	0.019%
231	9.362	9.357	9.373	VV	296	2074	0.05%	0.002%
232	9.388	9.373	9.393	VV	264	2179	0.05%	0.002%
233	9.417	9.393	9.432	VV	1743	21937	0.50%	0.022%
234	9.453	9.432	9.461	VV	7118	74742	1.71%	0.074%
235	9.472	9.461	9.496	VV	8042	90497	2.07%	0.090%
236	9.504	9.496	9.530	VV	393	4624	0.11%	0.005%
237	9.571	9.530	9.584	VV	392	5860	0.13%	0.006%
238	9.601	9.584	9.616	VV	327	3720	0.08%	0.004%
239	9.627	9.616	9.631	VV	147	954	0.02%	0.001%
240	9.650	9.631	9.672	VV	366	5095	0.12%	0.005%
241	9.679	9.672	9.690	VV	180	1557	0.04%	0.002%
242	9.708	9.690	9.722	VV	417	5707	0.13%	0.006%
243	9.744	9.722	9.773	VV	4706	55251	1.26%	0.055%
244	9.792	9.773	9.828	VV	2384	38995	0.89%	0.039%
245	9.840	9.828	9.853	VV	592	7284	0.17%	0.007%
246	9.870	9.853	9.906	VV	961	18280	0.42%	0.018%
247	9.911	9.906	9.916	VV	305	1577	0.04%	0.002%
248	9.936	9.916	9.963	VV	707	13766	0.31%	0.014%
249	9.979	9.963	10.010	VV	736	10894	0.25%	0.011%
250	10.034	10.010	10.065	VV	616	11451	0.26%	0.011%
251	10.076	10.065	10.092	VV	416	4213	0.10%	0.004%
252	10.119	10.092	10.124	VV	747	8727	0.20%	0.009%
253	10.137	10.124	10.153	VV	913	11987	0.27%	0.012%
254	10.202	10.153	10.253	VV	209297	2375582	54.22%	2.360%
255	10.257	10.253	10.270	VV	362	2975	0.07%	0.003%
256	10.289	10.270	10.297	VV	467	5801	0.13%	0.006%
257	10.305	10.297	10.349	VV	499	7102	0.16%	0.007%
258	10.374	10.349	10.393	PV	334	4540	0.10%	0.005%
259	10.400	10.393	10.409	VV	232	1406	0.03%	0.001%
260	10.416	10.409	10.428	VV	184	1499	0.03%	0.001%
261	10.457	10.428	10.463	VV	293	3574	0.08%	0.004%
262	10.474	10.463	10.487	VV	454	5037	0.11%	0.005%
263	10.500	10.487	10.520	VV	515	6703	0.15%	0.007%
264	10.537	10.520	10.568	VV	824	14291	0.33%	0.014%
265	10.591	10.568	10.613	VV	1580	22434	0.51%	0.022%
266	10.643	10.613	10.662	VV	1089	22036	0.50%	0.022%
267	10.680	10.662	10.706	VV	1030	15903	0.36%	0.016%
268	10.728	10.706	10.769	VV	1974	34887	0.80%	0.035%
269	10.790	10.769	10.820	VV	4163	55510	1.27%	0.055%

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270	10.852	10.820	10.868	VV	6643	83049	1.90%	0.083%
271	10.880	10.868	10.893	VV	2881	3497		
272	10.903	10.893	10.915	VV	3137	3779		
273	10.921	10.915	10.933	VV	3361	3073		
274	10.942	10.933	10.955	VV	2318	2567		
275	10.967	10.955	10.978	VV	2235	26139	0.60%	0.026%
276	11.013	10.978	11.031	VV	4688	93236	2.13%	0.093%
277	11.047	11.031	11.059	VV	3946	48398	1.10%	0.048%
278	11.067	11.059	11.090	VV	2828	35919	0.82%	0.036%
279	11.111	11.090	11.134	VV	4678	60013	1.37%	0.060%
280	11.169	11.134	11.182	VV	3873	60259	1.38%	0.060%
281	11.202	11.182	11.247	VV	19338	294484	6.72%	0.293%
282	11.277	11.247	11.297	VV	4840	61729	1.41%	0.061%
283	11.310	11.297	11.335	VV	926	18376	0.42%	0.018%
284	11.340	11.335	11.388	VV	696	15914	0.36%	0.016%
285	11.406	11.388	11.412	VV	354	4512	0.10%	0.004%
286	11.453	11.412	11.473	VV	1979	28819	0.66%	0.029%
287	11.493	11.473	11.540	VV	2646	38221	0.87%	0.038%
288	11.556	11.540	11.569	VV	361	4370	0.10%	0.004%
289	11.650	11.569	11.688	VV	209172	2434670	55.57%	2.419%
290	11.694	11.688	11.699	VV	543	3399	0.08%	0.003%
291	11.723	11.699	11.796	VV	3121	82853	1.89%	0.082%
292	11.810	11.796	11.824	VV	776	8773	0.20%	0.009%
293	11.845	11.824	11.871	VV	1336	17664	0.40%	0.018%
294	11.905	11.871	11.939	PV	4696	74477	1.70%	0.074%
295	11.945	11.939	11.948	VV	427	2220	0.05%	0.002%
296	11.962	11.948	11.984	VV	743	10437	0.24%	0.010%
297	12.009	11.984	12.022	VV	2644	28970	0.66%	0.029%
298	12.040	12.022	12.060	VV	3481	44861	1.02%	0.045%
299	12.067	12.060	12.088	VV	1043	13858	0.32%	0.014%
300	12.125	12.088	12.146	VV	3481	61500	1.40%	0.061%
301	12.158	12.146	12.168	VV	1915	21162	0.48%	0.021%
302	12.187	12.168	12.223	VV	2622	44125	1.01%	0.044%
303	12.232	12.223	12.239	VV	161	867	0.02%	0.001%
304	12.267	12.239	12.285	VV	459	7218	0.16%	0.007%
305	12.323	12.285	12.349	VV	1644	38800	0.89%	0.039%
306	12.369	12.349	12.392	VV	4286	55404	1.26%	0.055%
307	12.416	12.392	12.457	VV	7078	100335	2.29%	0.100%
308	12.479	12.457	12.527	VV	4224	57944	1.32%	0.058%
309	12.576	12.527	12.644	VV	88739	1091447	24.91%	1.084%
310	12.659	12.644	12.676	VV	897	13683	0.31%	0.014%
311	12.706	12.676	12.714	VV	608	12098	0.28%	0.012%
312	12.732	12.714	12.744	VV	720	10920	0.25%	0.011%
313	12.752	12.744	12.771	VV	624	7987	0.18%	0.008%
314	12.791	12.771	12.816	VV	1403	25889	0.59%	0.026%
315	12.821	12.816	12.840	VV	872	7450	0.17%	0.007%
316	12.864	12.840	12.891	PV	2197	33143	0.76%	0.033%

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317	12.913	12.891	12.931	VV	2606	36870	0.84%	0.037%
318	12.966	12.931	13.001	VV	199441	241848		
319	13.029	13.001	13.075	VV	40409	45949		
320	13.095	13.075	13.114	PV	415	507		
321	13.123	13.114	13.145	VV	155	162		
322	13.164	13.145	13.176	VV	798	8861	0.20%	0.009%
323	13.219	13.176	13.228	VV	1632	36682	0.84%	0.036%
324	13.235	13.228	13.261	VV	1306	17634	0.40%	0.018%
325	13.268	13.261	13.302	VV	462	7103	0.16%	0.007%
326	13.330	13.302	13.354	VV	31745	352363	8.04%	0.350%
327	13.385	13.354	13.401	VV	3685	60927	1.39%	0.061%
328	13.417	13.401	13.444	VV	3221	40533	0.93%	0.040%
329	13.471	13.444	13.480	VV	404	5824	0.13%	0.006%
330	13.505	13.480	13.520	VV	1500	22042	0.50%	0.022%
331	13.528	13.520	13.553	VV	1162	13003	0.30%	0.013%
332	13.597	13.553	13.624	PV	9774	159972	3.65%	0.159%
333	13.644	13.624	13.661	VV	4896	70900	1.62%	0.070%
334	13.671	13.661	13.690	VV	2368	31066	0.71%	0.031%
335	13.709	13.690	13.718	VV	1181	17179	0.39%	0.017%
336	13.727	13.718	13.744	VV	1189	13747	0.31%	0.014%
337	13.809	13.744	13.846	VV	25560	341493	7.79%	0.339%
338	13.854	13.846	13.875	VV	763	8812	0.20%	0.009%
339	13.920	13.875	13.945	VV	5760	88513	2.02%	0.088%
340	13.955	13.945	13.959	VV	346	2358	0.05%	0.002%
341	13.987	13.959	14.002	VV	703	12429	0.28%	0.012%
342	14.029	14.002	14.051	VV	3598	50448	1.15%	0.050%
343	14.069	14.051	14.092	VV	2655	34477	0.79%	0.034%
344	14.119	14.092	14.136	VV	2743	40607	0.93%	0.040%
345	14.169	14.136	14.219	VV	187540	2367125	54.02%	2.352%
346	14.239	14.219	14.261	VV	2069	26187	0.60%	0.026%
347	14.268	14.261	14.277	VV	225	1457	0.03%	0.001%
348	14.281	14.277	14.285	VV	87	257	0.01%	0.000%
349	14.314	14.285	14.334	VV	639	10526	0.24%	0.010%
350	14.383	14.334	14.388	PV	840	10900	0.25%	0.011%
351	14.391	14.388	14.400	VV	744	4538	0.10%	0.005%
352	14.402	14.400	14.409	VV	639	3213	0.07%	0.003%
353	14.415	14.409	14.443	VV	593	8390	0.19%	0.008%
354	14.455	14.443	14.472	VV	293	2897	0.07%	0.003%
355	14.479	14.472	14.484	VV	71	263	0.01%	0.000%
356	14.494	14.484	14.500	PV	104	353	0.01%	0.000%
357	14.505	14.500	14.510	VV	88	355	0.01%	0.000%
358	14.562	14.510	14.589	PV	5107	85697	1.96%	0.085%
359	14.621	14.589	14.627	VV	1610	31125	0.71%	0.031%
360	14.637	14.627	14.641	VV	1423	10984	0.25%	0.011%
361	14.660	14.641	14.708	VV	3375	57039	1.30%	0.057%
362	14.735	14.708	14.758	PV	6073	89488	2.04%	0.089%
363	14.763	14.758	14.779	VV	1830	17227	0.39%	0.017%
364	14.791	14.779	14.812	VV	1433	22359	0.51%	0.022%

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365	14.838	14.812	14.862	VV	4053	66575	1.52%	0.066%
366	14.866	14.862	14.881	VV	1006	935		
367	14.903	14.881	14.925	VV	5014	6475		
368	14.961	14.925	15.006	VV	4509	8398		
369	15.026	15.006	15.036	VV	715	822		
370	15.072	15.036	15.108	VV	102766	1403682	32.04%	1.395%
371	15.119	15.108	15.146	VV	1096	18283	0.42%	0.018%
372	15.168	15.146	15.188	VV	1478	19112	0.44%	0.019%
373	15.215	15.188	15.235	VV	18262	228234	5.21%	0.227%
374	15.276	15.235	15.307	VV	186059	2568819	58.63%	2.552%
375	15.321	15.307	15.341	VV	2051	27432	0.63%	0.027%
376	15.377	15.341	15.411	VV	4609	76633	1.75%	0.076%
377	15.418	15.411	15.436	VV	890	11636	0.27%	0.012%
378	15.458	15.436	15.490	VV	1734	27506	0.63%	0.027%
379	15.521	15.490	15.541	PV	2471	35918	0.82%	0.036%
380	15.572	15.541	15.600	VV	1614	40068	0.91%	0.040%
381	15.614	15.600	15.624	VV	558	6887	0.16%	0.007%
382	15.655	15.624	15.730	VV	50599	795523	18.16%	0.790%
383	15.735	15.730	15.739	VV	664	3278	0.07%	0.003%
384	15.757	15.739	15.770	VV	1018	13260	0.30%	0.013%
385	15.797	15.770	15.832	VV	8533	133632	3.05%	0.133%
386	15.876	15.832	15.912	VV	6460	159590	3.64%	0.159%
387	15.930	15.912	15.961	VV	2536	38290	0.87%	0.038%
388	15.975	15.961	15.987	VV	908	8875	0.20%	0.009%
389	16.015	15.987	16.019	VV	1113	13370	0.31%	0.013%
390	16.051	16.019	16.086	VV	2977	75853	1.73%	0.075%
391	16.127	16.086	16.152	VV	1663	34442	0.79%	0.034%
392	16.179	16.152	16.203	VV	2934	49105	1.12%	0.049%
393	16.212	16.203	16.234	VV	1266	16837	0.38%	0.017%
394	16.254	16.234	16.266	VV	1774	23218	0.53%	0.023%
395	16.301	16.266	16.343	VV	171644	2320191	52.95%	2.305%
396	16.363	16.343	16.389	VV	3147	46173	1.05%	0.046%
397	16.400	16.389	16.414	VV	496	5926	0.14%	0.006%
398	16.426	16.414	16.433	VV	538	3718	0.08%	0.004%
399	16.435	16.433	16.452	VV	390	2200	0.05%	0.002%
400	16.505	16.452	16.530	PV	1697	38770	0.88%	0.039%
401	16.540	16.530	16.544	VV	341	2758	0.06%	0.003%
402	16.564	16.544	16.576	VV	1218	13487	0.31%	0.013%
403	16.602	16.576	16.630	VV	3593	67642	1.54%	0.067%
404	16.675	16.630	16.730	VV	25322	461298	10.53%	0.458%
405	16.781	16.730	16.831	VV	32691	580227	13.24%	0.576%
406	16.863	16.831	16.889	VV	4368	61220	1.40%	0.061%
407	16.912	16.889	16.937	VV	5339	67609	1.54%	0.067%
408	16.951	16.937	16.960	VV	902	8780	0.20%	0.009%
409	16.974	16.960	16.981	VV	877	8035	0.18%	0.008%
410	16.986	16.981	16.990	VV	535	2487	0.06%	0.002%
411	16.994	16.990	16.996	VV	460	1560	0.04%	0.002%

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412	17.003	16.996	17.020	VV	913	6940	0.16%	0.007%
413	17.103	17.020	17.130	PV	13758	23526		
414	17.160	17.130	17.198	VV	18001	24626		
415	17.254	17.198	17.283	VV	164078	235626		
416	17.303	17.283	17.318	VV	20632	29009		
417	17.329	17.318	17.368	VV	14668	210765	4.81%	0.209%
418	17.398	17.368	17.427	VV	1782	46078	1.05%	0.046%
419	17.465	17.427	17.473	VV	1884	39286	0.90%	0.039%
420	17.482	17.473	17.487	VV	1918	14037	0.32%	0.014%
421	17.522	17.487	17.555	VV	3406	102310	2.34%	0.102%
422	17.621	17.555	17.665	VV	23096	475100	10.84%	0.472%
423	17.704	17.665	17.731	VV	23553	399039	9.11%	0.396%
424	17.750	17.731	17.771	VV	6121	90034	2.05%	0.089%
425	17.786	17.771	17.807	VV	3717	54801	1.25%	0.054%
426	17.827	17.807	17.855	VV	3765	64009	1.46%	0.064%
427	17.884	17.855	17.905	VV	2567	40654	0.93%	0.040%
428	17.921	17.905	17.943	VV	1651	27798	0.63%	0.028%
429	17.954	17.943	17.966	VV	1208	12375	0.28%	0.012%
430	17.984	17.966	17.995	VV	1749	20264	0.46%	0.020%
431	18.014	17.995	18.019	VV	1924	24557	0.56%	0.024%
432	18.047	18.019	18.054	VV	3891	61720	1.41%	0.061%
433	18.080	18.054	18.084	VV	3839	67150	1.53%	0.067%
434	18.100	18.084	18.104	VV	5433	57058	1.30%	0.057%
435	18.145	18.104	18.181	VV	165497	2459262	56.13%	2.443%
436	18.190	18.181	18.196	VV	3507	30075	0.69%	0.030%
437	18.234	18.196	18.257	VV	15493	300021	6.85%	0.298%
438	18.266	18.257	18.275	VV	4444	47629	1.09%	0.047%
439	18.298	18.275	18.321	VV	8839	183756	4.19%	0.183%
440	18.331	18.321	18.358	VV	6312	115949	2.65%	0.115%
441	18.380	18.358	18.416	VV	7768	183013	4.18%	0.182%
442	18.423	18.416	18.427	VV	3778	22427	0.51%	0.022%
443	18.448	18.427	18.453	VV	7799	86754	1.98%	0.086%
444	18.471	18.453	18.481	VV	10416	152572	3.48%	0.152%
445	18.507	18.481	18.548	VV	44339	1049730	23.96%	1.043%
446	18.569	18.548	18.603	VV	41454	718878	16.41%	0.714%
447	18.622	18.603	18.643	VV	7518	160491	3.66%	0.159%
448	18.667	18.643	18.689	VV	17628	340439	7.77%	0.338%
449	18.703	18.689	18.722	VV	11866	191707	4.38%	0.190%
450	18.726	18.722	18.758	VV	7838	136889	3.12%	0.136%
451	18.793	18.758	18.823	VV	20011	389237	8.88%	0.387%
452	18.840	18.823	18.846	VV	7212	95833	2.19%	0.095%
453	18.876	18.846	18.888	VV	9170	205148	4.68%	0.204%
454	18.893	18.888	18.899	VV	7680	47126	1.08%	0.047%
455	18.927	18.899	18.943	VV	12016	258720	5.90%	0.257%
456	18.980	18.943	19.040	VV	177617	2954456	67.43%	2.935%
457	19.083	19.040	19.120	VV	26809	791950	18.07%	0.787%
458	19.139	19.120	19.165	VV	14590	351085	8.01%	0.349%
459	19.179	19.165	19.210	VV	11719	294464	6.72%	0.293%

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460	19.227	19.210	19.238	VV	11498	183773	4.19%	0.183%
461	19.263	19.238	19.281	VV	13161	30467		
462	19.289	19.281	19.294	VV	11716	8789		
463	19.341	19.294	19.366	VV	58730	136505		
464	19.383	19.366	19.435	VV	34068	102555		
465	19.471	19.435	19.497	VV	28566	881947	20.13%	0.876%
466	19.517	19.497	19.549	VV	24778	631512	14.41%	0.627%
467	19.585	19.549	19.602	VV	19863	547169	12.49%	0.544%
468	19.627	19.602	19.662	VV	24713	728769	16.63%	0.724%
469	19.681	19.662	19.711	VV	19023	485585	11.08%	0.482%
470	19.768	19.711	19.816	VV	189197	3514959	80.22%	3.492%
471	19.834	19.816	19.853	VV	28027	549888	12.55%	0.546%
472	19.881	19.853	19.904	VV	30014	784728	17.91%	0.780%
473	19.953	19.904	19.978	VV	27563	1039526	23.72%	1.033%
474	19.981	19.978	19.993	VV	20059	174571	3.98%	0.173%
475	20.021	19.993	20.031	VV	24262	495500	11.31%	0.492%
476	20.036	20.031	20.041	VV	23666	148975	3.40%	0.148%
477	20.062	20.041	20.084	VV	23867	587233	13.40%	0.583%
478	20.123	20.084	20.161	VV	124029	2581801	58.92%	2.565%
479	20.176	20.161	20.202	VV	28162	644240	14.70%	0.640%
480	20.207	20.202	20.218	VV	25126	242291	5.53%	0.241%
481	20.242	20.218	20.264	VV	26930	703597	16.06%	0.699%
482	20.275	20.264	20.289	VV	26317	383526	8.75%	0.381%
483	20.302	20.289	20.306	VV	26501	252964	5.77%	0.251%
484	20.332	20.306	20.361	VV	33724	993858	22.68%	0.987%
485	20.367	20.361	20.369	VV	28422	143183	3.27%	0.142%
486	20.394	20.369	20.420	VV	34225	942466	21.51%	0.936%
487	20.429	20.420	20.438	VV	30651	322983	7.37%	0.321%
488	20.452	20.438	20.456	VV	28961	313695	7.16%	0.312%
489	20.512	20.456	20.555	VV	207092	4381578	100.00%	4.353%
490	20.580	20.555	20.603	VV	32457	889032	20.29%	0.883%
491	20.608	20.603	20.616	VV	29794	220753	5.04%	0.219%
492	20.627	20.616	20.644	VV	30691	505396	11.53%	0.502%
493	20.674	20.644	20.694	VV	41077	1044380	23.84%	1.038%
494	20.717	20.694	20.749	VV	54903	1361776	31.08%	1.353%
495	20.759	20.749	20.773	VV	34319	473025	10.80%	0.470%
496	20.783	20.773	20.789	VV	32938	318382	7.27%	0.316%
497	20.823	20.789	20.844	VV	37104	1161244	26.50%	1.154%
498	20.851	20.844	20.857	VV	35144	262401	5.99%	0.261%
499	20.861	20.857	20.867	VV	34693	220134	5.02%	0.219%
500	20.872	20.867	20.897	VV	34475	558633	12.75%	0.555%
501	20.901	20.897	20.964	VV	28375	1004553	22.93%	0.998%
502	20.987	20.964	20.999	VV	24886	495792	11.32%	0.493%
503	21.006	20.999	21.015	VV	24358	224281	5.12%	0.223%
504	21.045	21.015	21.052	VV	25225	532940	12.16%	0.529%
505	21.056	21.052	21.062	VV	24833	159251	3.63%	0.158%
506	21.072	21.062	21.078	VV	25509	238663	5.45%	0.237%

Instrument :

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507	21.086	21.078	21.091	VV	26990	199908	4.56%	0.199%
508	21.098	21.091	21.104	VV	26640	19323		
509	21.110	21.104	21.120	VV	27029	25611		
510	21.126	21.120	21.131	VV	26929	17916		
511	21.135	21.131	21.158	VV	26438	41665		
512	21.163	21.158	21.171	VV	26397	204598	4.67%	0.203%
513	21.176	21.171	21.199	VV	25343	412959	9.42%	0.410%
514	21.268	21.199	21.322	VV	168664	4356845	99.44%	4.328%
515	21.327	21.322	21.335	VV	19560	149869	3.42%	0.149%
516	21.340	21.335	21.353	VV	18942	204636	4.67%	0.203%
517	21.361	21.353	21.366	VV	19139	143695	3.28%	0.143%
518	21.370	21.366	21.378	VV	19021	137703	3.14%	0.137%
519	21.395	21.378	21.406	VV	19214	307085	7.01%	0.305%
520	21.411	21.406	21.417	VV	18498	115964	2.65%	0.115%
521	21.426	21.417	21.458	VV	17803	408296	9.32%	0.406%
522	21.463	21.458	21.492	VV	16915	327270	7.47%	0.325%
523	21.505	21.492	21.523	VV	14762	265941	6.07%	0.264%
524	21.530	21.523	21.552	VV	14185	230712	5.27%	0.229%
525	21.560	21.552	21.572	VV	13329	155288	3.54%	0.154%
526	21.597	21.572	21.615	VV	13766	336410	7.68%	0.334%
527	21.623	21.615	21.646	VV	13045	237038	5.41%	0.235%
528	21.668	21.646	21.675	VV	12742	208244	4.75%	0.207%
529	21.721	21.675	21.736	VV	15089	496523	11.33%	0.493%
530	21.742	21.736	21.793	VV	14629	409498	9.35%	0.407%
531	21.798	21.793	21.807	VV	8795	68355	1.56%	0.068%
532	21.812	21.807	21.824	VV	7898	72490	1.65%	0.072%
533	21.828	21.824	21.855	VV	6929	113961	2.60%	0.113%
534	21.866	21.855	21.880	VV	6339	83645	1.91%	0.083%
535	21.885	21.880	21.887	VV	5258	24225	0.55%	0.024%
536	21.923	21.887	21.930	VV	6125	136997	3.13%	0.136%
537	21.942	21.930	21.948	VV	6734	67131	1.53%	0.067%
538	21.959	21.948	21.970	VV	6107	75289	1.72%	0.075%
539	21.975	21.970	21.980	VV	5609	32672	0.75%	0.032%
540	21.991	21.980	22.012	VV	6274	103534	2.36%	0.103%
541	22.023	22.012	22.028	VV	5771	49916	1.14%	0.050%
542	22.044	22.028	22.048	VV	5893	65658	1.50%	0.065%
543	22.091	22.048	22.106	VV	7499	231763	5.29%	0.230%
544	22.112	22.106	22.123	VV	6194	54888	1.25%	0.055%
545	22.146	22.123	22.157	VV	6277	114334	2.61%	0.114%
546	22.218	22.157	22.301	VBA	118923	3090039	70.52%	3.070%
Sum of corrected areas:						100657996		

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