

rteres

Instrument :

FID_F

ClientSampleId :

WC-15-2-1-GR

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF04262
 Data File : FF010404.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2022 16:52
 Sample : N2431-05 10X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/27/2022

Supervised By :mohammad ahmed 04/27/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.006	1.997	2.022	BV	3272	33880	0.20%	0.003%
2	2.032	2.022	2.074	VV	2269	60801	0.35%	0.006%
3	2.090	2.074	2.112	VV	2070	42619	0.25%	0.004%
4	2.124	2.112	2.144	VV	1884	33540	0.19%	0.003%
5	2.162	2.144	2.197	VV	2022	53486	0.31%	0.005%
6	2.208	2.197	2.232	VV	1764	33460	0.19%	0.003%
7	2.242	2.232	2.252	VV	1656	17796	0.10%	0.002%
8	2.268	2.252	2.287	VV	4524	52852	0.31%	0.005%
9	2.304	2.287	2.331	VV	1778	39886	0.23%	0.004%
10	2.334	2.331	2.351	VV	1379	15001	0.09%	0.001%
11	2.355	2.351	2.371	VV	1211	13875	0.08%	0.001%
12	2.379	2.371	2.391	VV	1266	13720	0.08%	0.001%
13	2.408	2.391	2.417	VV	1184	17744	0.10%	0.002%
14	2.451	2.417	2.466	VV	1772	40361	0.23%	0.004%
15	2.473	2.466	2.485	VV	1478	15820	0.09%	0.001%
16	2.493	2.485	2.515	VV	1321	20765	0.12%	0.002%
17	2.519	2.515	2.524	VV	1076	5716	0.03%	0.001%
18	2.541	2.524	2.552	VV	3006	36595	0.21%	0.003%
19	2.559	2.552	2.574	VV	2352	27343	0.16%	0.003%
20	2.593	2.574	2.609	VV	2463	44301	0.26%	0.004%
21	2.631	2.609	2.639	VV	2130	36314	0.21%	0.003%
22	2.649	2.639	2.674	VV	2443	45686	0.26%	0.004%
23	2.678	2.674	2.707	VV	1991	35294	0.20%	0.003%
24	2.723	2.707	2.736	VV	2427	34623	0.20%	0.003%
25	2.741	2.736	2.777	VV	1844	35563	0.21%	0.003%
26	2.811	2.777	2.851	VV	4267	92502	0.53%	0.009%
27	2.857	2.851	2.867	VV	1432	12925	0.07%	0.001%
28	2.882	2.867	2.892	VV	1587	21341	0.12%	0.002%
29	2.922	2.892	2.935	VV	1863	43620	0.25%	0.004%
30	2.942	2.935	2.962	VV	1702	22680	0.13%	0.002%
31	2.974	2.962	2.982	VV	2254	21415	0.12%	0.002%
32	2.990	2.982	3.007	VV	2221	24095	0.14%	0.002%
33	3.016	3.007	3.024	VV	1287	11893	0.07%	0.001%
34	3.037	3.024	3.080	VV	3065	47606	0.28%	0.005%
35	3.106	3.080	3.127	VV	1607	32842	0.19%	0.003%
36	3.133	3.127	3.146	VV	977	9865	0.06%	0.001%

					retention			
37	3.161	3.146	3.173	VV	1218	14947	0.09%	0.001%
38	3.178	3.173	3.204	VV	847	13902	0.09%	0.001%
39	3.219	3.204	3.227	VV	871	9880	0.09%	0.001%
40	3.258	3.227	3.270	VV	1643	26869	0.09%	0.001%
41	3.286	3.270	3.312	VV	7496	80548	0.06%	0.001%
42	3.317	3.312	3.335	VV	1102	13016	0.03%	0.000%
43	3.341	3.335	3.366	VV	882	9847	0.03%	0.000%
44	3.385	3.366	3.390	VV	473	4572	0.08%	0.001%
45	3.407	3.390	3.424	VV	980	13527	0.03%	0.001%
46	3.433	3.424	3.448	VV	489	5615	0.21%	0.003%
47	3.464	3.448	3.483	VV	3200	36003	0.07%	0.001%
48	3.493	3.483	3.513	VV	958	12933	0.05%	0.001%
49	3.524	3.513	3.537	VV	696	7870	0.14%	0.002%
50	3.552	3.537	3.582	VV	1369	24189	0.13%	0.002%
51	3.599	3.582	3.632	VV	1395	22360	0.15%	0.002%
52	3.659	3.632	3.682	VV	2049	26140	1.06%	0.017%
53	3.715	3.682	3.746	VV	18107	183988	0.03%	0.001%
54	3.758	3.746	3.765	VV	674	5995	0.14%	0.002%
55	3.779	3.765	3.792	VV	2566	24881	0.06%	0.001%
56	3.798	3.792	3.815	VV	1253	10946	0.06%	0.001%
57	3.828	3.815	3.846	VV	930	9635	0.17%	0.003%
58	3.864	3.846	3.897	VV	2017	29458	0.02%	0.000%
59	3.907	3.897	3.918	VV	425	3946	0.12%	0.002%
60	3.937	3.918	3.945	VV	1925	19964	0.19%	0.003%
61	3.955	3.945	3.971	VV	3089	32596	0.21%	0.003%
62	3.984	3.971	4.017	VV	1929	35740	0.10%	0.002%
63	4.034	4.017	4.043	VV	1763	17806	0.09%	0.001%
64	4.049	4.043	4.070	VV	1735	15200	0.02%	0.000%
65	4.075	4.070	4.096	VV	255	2843	0.42%	0.007%
66	4.119	4.096	4.143	VV	6672	73210	0.12%	0.002%
67	4.160	4.143	4.187	VV	1265	20144	0.02%	0.000%
68	4.192	4.187	4.202	VV	485	3839	0.10%	0.002%
69	4.228	4.202	4.245	VV	1065	17506	0.06%	0.001%
70	4.265	4.245	4.279	VV	928	10768	0.22%	0.004%
71	4.297	4.279	4.330	VV	2760	38237	0.67%	0.011%
72	4.354	4.330	4.370	VV	12433	115390	0.23%	0.004%
73	4.382	4.370	4.390	VV	4451	40062	0.18%	0.003%
74	4.396	4.390	4.409	VV	3952	31619	1.40%	0.023%
75	4.427	4.409	4.439	VV	27742	242304	7.14%	0.117%
76	4.456	4.439	4.490	VV	130115	1235452	0.42%	0.007%
77	4.505	4.490	4.517	VV	5342	72924	0.94%	0.015%
78	4.532	4.517	4.557	VV	14498	163119	0.18%	0.003%
79	4.567	4.557	4.576	VV	3169	31153	0.17%	0.003%
80	4.583	4.576	4.596	VV	3094	29764	0.16%	0.003%
81	4.608	4.596	4.622	VV	2629	27638	0.18%	0.003%
82	4.638	4.622	4.669	VV	2216	30859	0.13%	0.002%
83	4.686	4.669	4.697	VV	2175	22564	0.07%	0.001%
84	4.702	4.697	4.720	VV	1206	12564	0.08%	0.001%
85	4.731	4.720	4.747	VV	1328	13778	0.19%	0.003%
86	4.771	4.747	4.791	VV	2168	32569	0.16%	0.003%
87	4.808	4.791	4.833	VV	1758	28025	0.75%	0.012%
88	4.852	4.833	4.872	VV	14026	129917	0.19%	0.003%
89	4.896	4.872	4.928	VV	1544	33704		

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Supervised By :mohammad ahmed 04/27/2022

					rters			
90	4.958	4.928	4.982	VV	18314	197430	1.14%	0.019%
91	4.996	4.982	5.019	VV	2714	41790		
92	5.044	5.019	5.059	VV	2713	46386		
93	5.071	5.059	5.079	VV	2087	17514		
94	5.096	5.079	5.106	VV	6681	67661		
95	5.119	5.106	5.143	VV	11698	109628		
96	5.157	5.143	5.173	VV	1155	10122	0.06%	0.001%
97	5.188	5.173	5.205	PV	1481	16983	0.10%	0.002%
98	5.211	5.205	5.232	VV	699	8082	0.05%	0.001%
99	5.274	5.232	5.281	VV	2028	41684	0.24%	0.004%
100	5.290	5.281	5.315	VV	2614	29063	0.17%	0.003%
101	5.339	5.315	5.364	VV	26349	258308	1.49%	0.024%
102	5.389	5.364	5.407	VV	20114	208634	1.21%	0.020%
103	5.423	5.407	5.450	VV	4081	51790	0.30%	0.005%
104	5.461	5.450	5.472	PV	431	3213	0.02%	0.000%
105	5.484	5.472	5.505	VV	728	8830	0.05%	0.001%
106	5.509	5.505	5.528	VV	252	2682	0.02%	0.000%
107	5.549	5.528	5.563	VV	5343	55123	0.32%	0.005%
108	5.575	5.563	5.607	VV	3264	47794	0.28%	0.005%
109	5.620	5.607	5.631	VV	3472	32213	0.19%	0.003%
110	5.639	5.631	5.652	VV	2571	25476	0.15%	0.002%
111	5.670	5.652	5.705	VV	7021	111642	0.65%	0.011%
112	5.724	5.705	5.742	VV	7292	83391	0.48%	0.008%
113	5.756	5.742	5.778	VV	9462	97080	0.56%	0.009%
114	5.801	5.778	5.815	VV	1776	28077	0.16%	0.003%
115	5.838	5.815	5.867	VV	32663	343631	1.99%	0.033%
116	5.894	5.867	5.911	VV	3158	48893	0.28%	0.005%
117	5.937	5.911	5.960	VV	6492	87045	0.50%	0.008%
118	5.968	5.960	5.975	VV	1544	12507	0.07%	0.001%
119	5.986	5.975	6.008	VV	1957	21487	0.12%	0.002%
120	6.029	6.008	6.049	PV	3246	39893	0.23%	0.004%
121	6.069	6.049	6.078	VV	3685	44901	0.26%	0.004%
122	6.106	6.078	6.135	VV	10610	222494	1.29%	0.021%
123	6.152	6.135	6.170	VV	4762	63441	0.37%	0.006%
124	6.173	6.170	6.185	VV	1374	12148	0.07%	0.001%
125	6.204	6.185	6.233	VV	2183	37523	0.22%	0.004%
126	6.258	6.233	6.279	VV	2853	47702	0.28%	0.005%
127	6.295	6.279	6.337	VV	2908	55343	0.32%	0.005%
128	6.369	6.337	6.416	VV	26709	297784	1.72%	0.028%
129	6.430	6.416	6.457	VV	1120	13006	0.08%	0.001%
130	6.477	6.457	6.501	VV	2375	36820	0.21%	0.003%
131	6.518	6.501	6.547	VV	7602	82124	0.47%	0.008%
132	6.565	6.547	6.583	VV	2176	26570	0.15%	0.003%
133	6.587	6.583	6.596	VV	573	3433	0.02%	0.000%
134	6.613	6.596	6.630	VV	1738	19360	0.11%	0.002%
135	6.648	6.630	6.664	VV	2854	32298	0.19%	0.003%
136	6.691	6.664	6.715	VV	2549	48699	0.28%	0.005%
137	6.726	6.715	6.736	VV	2083	20592	0.12%	0.002%
138	6.768	6.736	6.798	VV	4656	85287	0.49%	0.008%
139	6.802	6.798	6.815	VV	1568	12844	0.07%	0.001%
140	6.834	6.815	6.852	VV	1761	25813	0.15%	0.002%
141	6.869	6.852	6.880	VV	3240	36107	0.21%	0.003%

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Manual IntegrationsAPPROVED

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rterres							WC-15-2-1-GR	
142	6.887	6.880	6.909	VV	3221	39075	0.23%	0.004%
143	6.928	6.909	6.956	VV	6049	75171	0.23%	0.004%
144	6.989	6.956	7.017	VV	15030	218849	0.23%	0.004%
145	7.039	7.017	7.055	VV	4421	67969	0.23%	0.004%
							Manual Integration	
146	7.072	7.055	7.107	VV	7174	96793	0.23%	0.004%
147	7.126	7.107	7.153	VV	9897	137676	0.23%	0.004%
148	7.173	7.153	7.184	VV	3231	41511	0.24%	0.004%
149	7.194	7.184	7.210	VV	3644	43345	0.25%	0.004%
150	7.226	7.210	7.266	VV	2276	56778	0.33%	0.005%
151	7.293	7.266	7.321	VV	38514	416386	2.41%	0.039%
152	7.348	7.321	7.368	VV	3966	68384	0.40%	0.006%
153	7.383	7.368	7.400	VV	1765	29346	0.17%	0.003%
154	7.411	7.400	7.436	VV	1970	27676	0.16%	0.003%
155	7.467	7.436	7.501	VV	7068	102974	0.60%	0.010%
156	7.520	7.501	7.538	VV	3308	37688	0.22%	0.004%
157	7.559	7.538	7.564	PV	1136	11350	0.07%	0.001%
158	7.584	7.564	7.599	VV	2025	31878	0.18%	0.003%
159	7.628	7.599	7.645	VV	4830	84993	0.49%	0.008%
160	7.660	7.645	7.672	VV	3859	43565	0.25%	0.004%
161	7.683	7.672	7.688	VV	3007	27835	0.16%	0.003%
162	7.717	7.688	7.736	VV	7460	134684	0.78%	0.013%
163	7.751	7.736	7.760	VV	4862	60661	0.35%	0.006%
164	7.770	7.760	7.786	VV	4834	60287	0.35%	0.006%
165	7.814	7.786	7.832	VV	4518	85447	0.49%	0.008%
166	7.866	7.832	7.894	VV	10221	196777	1.14%	0.019%
167	7.918	7.894	7.931	VV	6434	98750	0.57%	0.009%
168	7.939	7.931	7.952	VV	4881	52412	0.30%	0.005%
169	7.983	7.952	8.002	VV	16024	259300	1.50%	0.025%
170	8.009	8.002	8.018	VV	4150	36959	0.21%	0.003%
171	8.044	8.018	8.057	VV	6182	123389	0.71%	0.012%
172	8.086	8.057	8.100	VV	18220	284708	1.65%	0.027%
173	8.113	8.100	8.137	VV	17255	232200	1.34%	0.022%
174	8.163	8.137	8.186	VV	54831	648026	3.75%	0.061%
175	8.202	8.186	8.224	VV	8850	149025	0.86%	0.014%
176	8.260	8.224	8.291	VV	10926	290477	1.68%	0.027%
177	8.318	8.291	8.337	VV	5601	116524	0.67%	0.011%
178	8.358	8.337	8.370	VV	7388	105323	0.61%	0.010%
179	8.378	8.370	8.395	VV	5938	74685	0.43%	0.007%
180	8.407	8.395	8.425	VV	5050	70042	0.41%	0.007%
181	8.451	8.425	8.474	VV	6088	130681	0.76%	0.012%
182	8.490	8.474	8.503	VV	4993	70878	0.41%	0.007%
183	8.535	8.503	8.554	VV	10015	228093	1.32%	0.022%
184	8.582	8.554	8.596	VV	9411	202098	1.17%	0.019%
185	8.611	8.596	8.640	VV	9382	183441	1.06%	0.017%
186	8.664	8.640	8.674	VV	7933	140410	0.81%	0.013%
187	8.699	8.674	8.720	VV	21169	339027	1.96%	0.032%
188	8.753	8.720	8.766	VV	9703	189653	1.10%	0.018%
189	8.803	8.766	8.825	VV	17481	377653	2.18%	0.036%
190	8.840	8.825	8.861	VV	11062	202764	1.17%	0.019%
191	8.873	8.861	8.886	VV	10573	136648	0.79%	0.013%
192	8.896	8.886	8.905	VV	9410	100485	0.58%	0.010%
193	8.927	8.905	8.944	VV	14922	267846	1.55%	0.025%
194	8.985	8.944	9.006	VV	83560	1197551	6.92%	0.113%

195	9.014	9.006	9.053	VV	18380	282852	1.64%	0.027%
196	9.077	9.053	9.090	VV	8498	156399		
197	9.132	9.090	9.149	VV	21881	488193		
198	9.161	9.149	9.176	VV	15521	189880		
199	9.189	9.176	9.194	VV	8898	92040		
200	9.209	9.194	9.228	VV	10752	184158		
201	9.267	9.228	9.292	VV	25014	520526	3.01%	0.049%
202	9.311	9.292	9.329	VV	12640	221881	1.28%	0.021%
203	9.359	9.329	9.399	VV	25517	662723	3.83%	0.063%
204	9.429	9.399	9.462	VV	26360	622049	3.60%	0.059%
205	9.495	9.462	9.513	VV	22212	474691	2.74%	0.045%
206	9.549	9.513	9.573	VV	22081	600708	3.47%	0.057%
207	9.587	9.573	9.612	VV	11766	248932	1.44%	0.024%
208	9.631	9.612	9.650	VV	15805	284894	1.65%	0.027%
209	9.677	9.650	9.699	VV	18161	426516	2.47%	0.040%
210	9.724	9.699	9.740	VV	22320	460453	2.66%	0.044%
211	9.765	9.740	9.790	VV	126766	1686305	9.75%	0.160%
212	9.797	9.790	9.815	VV	15605	210197	1.22%	0.020%
213	9.827	9.815	9.845	VV	17633	277071	1.60%	0.026%
214	9.867	9.845	9.913	VV	23045	647333	3.74%	0.061%
215	9.935	9.913	9.961	VV	21002	464393	2.69%	0.044%
216	9.974	9.961	9.991	VV	14545	236818	1.37%	0.022%
217	9.996	9.991	10.002	VV	12832	85732	0.50%	0.008%
218	10.003	10.002	10.020	VV	12754	130695	0.76%	0.012%
219	10.038	10.020	10.047	VV	15028	227097	1.31%	0.021%
220	10.066	10.047	10.076	VV	16687	267526	1.55%	0.025%
221	10.093	10.076	10.126	VV	25089	610429	3.53%	0.058%
222	10.151	10.126	10.183	VV	58001	1142985	6.61%	0.108%
223	10.202	10.183	10.214	VV	29991	453033	2.62%	0.043%
224	10.237	10.214	10.255	VV	34779	706999	4.09%	0.067%
225	10.269	10.255	10.287	VV	33817	540856	3.13%	0.051%
226	10.298	10.287	10.323	VV	27238	470526	2.72%	0.045%
227	10.347	10.323	10.362	VV	30810	586285	3.39%	0.055%
228	10.368	10.362	10.389	VV	29397	409325	2.37%	0.039%
229	10.411	10.389	10.419	VV	27400	433240	2.51%	0.041%
230	10.442	10.419	10.460	VV	30752	694819	4.02%	0.066%
231	10.504	10.460	10.535	VV	163437	2843711	16.44%	0.269%
232	10.575	10.535	10.617	VV	67886	1943340	11.24%	0.184%
233	10.623	10.617	10.641	VV	28275	387694	2.24%	0.037%
234	10.650	10.641	10.669	VV	29183	448637	2.59%	0.042%
235	10.715	10.669	10.728	VV	31818	990045	5.72%	0.094%
236	10.749	10.728	10.771	VV	84290	1277809	7.39%	0.121%
237	10.776	10.771	10.801	VV	32378	541557	3.13%	0.051%
238	10.824	10.801	10.838	VV	50271	894020	5.17%	0.085%
239	10.847	10.838	10.865	VV	42576	621367	3.59%	0.059%
240	10.893	10.865	10.916	VV	53985	1227766	7.10%	0.116%
241	10.921	10.916	10.938	VV	33240	421704	2.44%	0.040%
242	10.958	10.938	10.991	VV	40196	1067075	6.17%	0.101%
243	11.010	10.991	11.045	VV	39465	1127286	6.52%	0.107%
244	11.066	11.045	11.084	VV	42163	847294	4.90%	0.080%
245	11.112	11.084	11.127	VV	47835	1031559	5.96%	0.098%
246	11.143	11.127	11.174	VV	46429	1148833	6.64%	0.109%

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				rters				
247	11.207	11.174	11.246	VV	195844	3553398	20.55%	0.336%
248	11.252	11.246	11.259	VV	47055	372190		
249	11.274	11.259	11.282	VV	60851	771266		
250	11.297	11.282	11.325	VV	72577	1424349		
251	11.345	11.325	11.379	VV	48475	1356656		
252	11.405	11.379	11.428	VV	58309	1380586		
253	11.446	11.428	11.463	VV	50321	983701	5.69%	0.093%
254	11.502	11.463	11.524	VV	58899	1849381	10.69%	0.175%
255	11.553	11.524	11.568	VV	91622	1775166	10.26%	0.168%
256	11.585	11.568	11.625	VV	119700	2654870	15.35%	0.251%
257	11.647	11.625	11.672	VV	83134	1831794	10.59%	0.173%
258	11.702	11.672	11.717	VV	120099	2272897	13.14%	0.215%
259	11.733	11.717	11.789	VV	120726	3043364	17.60%	0.288%
260	11.820	11.789	11.834	VV	67745	1576392	9.12%	0.149%
261	11.878	11.834	11.908	VV	286262	5604736	32.41%	0.531%
262	11.923	11.908	11.939	VV	67245	1144154	6.62%	0.108%
263	11.954	11.939	11.968	VV	67220	1076646	6.23%	0.102%
264	11.986	11.968	11.996	VV	62169	1001250	5.79%	0.095%
265	12.011	11.996	12.040	VV	62940	1610336	9.31%	0.152%
266	12.058	12.040	12.073	VV	73133	1304500	7.54%	0.123%
267	12.089	12.073	12.106	VV	72049	1307985	7.56%	0.124%
268	12.124	12.106	12.137	VV	69447	1260054	7.29%	0.119%
269	12.170	12.137	12.201	VV	94547	2935522	16.97%	0.278%
270	12.221	12.201	12.242	VV	93264	2043386	11.82%	0.193%
271	12.287	12.242	12.325	VV	119147	4558995	26.36%	0.432%
272	12.346	12.325	12.356	VV	111198	1720917	9.95%	0.163%
273	12.362	12.356	12.391	VV	106899	1915168	11.07%	0.181%
274	12.424	12.391	12.435	VV	105676	2417882	13.98%	0.229%
275	12.456	12.435	12.474	VV	177056	3062061	17.71%	0.290%
276	12.519	12.474	12.554	VV	422942	9145224	52.88%	0.866%
277	12.572	12.554	12.631	VV	135854	4875604	28.19%	0.461%
278	12.638	12.631	12.647	VV	84789	764430	4.42%	0.072%
279	12.667	12.647	12.686	VV	103142	2139702	12.37%	0.203%
280	12.699	12.686	12.716	VV	95784	1608451	9.30%	0.152%
281	12.731	12.716	12.743	VV	98675	1533985	8.87%	0.145%
282	12.761	12.743	12.810	VV	123475	4089745	23.65%	0.387%
283	12.815	12.810	12.827	VV	94585	979841	5.67%	0.093%
284	12.869	12.827	12.890	VV	208051	4913031	28.41%	0.465%
285	12.907	12.890	12.919	VV	123393	2126054	12.29%	0.201%
286	12.930	12.919	12.949	VV	119731	2003759	11.59%	0.190%
287	12.967	12.949	12.980	VV	138560	2377336	13.75%	0.225%
288	13.020	12.980	13.034	VV	158447	4484063	25.93%	0.424%
289	13.047	13.034	13.067	VV	160716	2858208	16.53%	0.271%
290	13.079	13.067	13.102	VV	125548	2412386	13.95%	0.228%
291	13.134	13.102	13.185	VV	505097	10878308	62.90%	1.030%
292	13.206	13.185	13.234	VV	184249	4209588	24.34%	0.398%
293	13.268	13.234	13.279	VV	140972	3348648	19.36%	0.317%
294	13.296	13.279	13.319	VV	171014	3563565	20.61%	0.337%
295	13.363	13.319	13.392	VV	151377	5934638	34.32%	0.562%
296	13.425	13.392	13.443	VV	180068	4589550	26.54%	0.434%
297	13.468	13.443	13.499	VV	219935	5999666	34.69%	0.568%
298	13.511	13.499	13.535	VV	151484	3132217	18.11%	0.296%
299	13.572	13.535	13.591	VV	167785	5160158	29.84%	0.488%

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300	13.611	13.591	13.626	VV	219350	3901984	22.56%	0.369%	
301	13.642	13.626	13.661	VV	201852	3837948			
302	13.667	13.661	13.688	VV	176847	2723401			
303	13.721	13.688	13.761	VV	541281	13695111			
304	13.781	13.761	13.833	VV	250332	8297987			
305	13.843	13.833	13.885	VV	164934	4893357			
306	13.953	13.885	13.977	VV	199072	9561908	55.29%	0.905%	
307	14.014	13.977	14.037	VV	223049	6736709	38.95%	0.638%	
308	14.052	14.037	14.060	VV	167335	2189801	12.66%	0.207%	
309	14.082	14.060	14.104	VV	216630	4951623	28.63%	0.469%	
310	14.136	14.104	14.141	VV	194710	4114207	23.79%	0.389%	
311	14.144	14.141	14.148	VV	192453	758533	4.39%	0.072%	
312	14.166	14.148	14.184	VV	209009	4362577	25.23%	0.413%	
313	14.201	14.184	14.237	VV	233925	6397242	36.99%	0.606%	
314	14.284	14.237	14.306	VV	521827	12147746	70.24%	1.150%	
315	14.310	14.306	14.336	VV	257131	4204731	24.31%	0.398%	
316	14.344	14.336	14.359	VV	207177	2855107	16.51%	0.270%	
317	14.383	14.359	14.399	VV	272565	5698672	32.95%	0.539%	
318	14.413	14.399	14.432	VV	270764	4831658	27.94%	0.457%	
319	14.447	14.432	14.466	VV	245378	4588618	26.53%	0.434%	
320	14.486	14.466	14.524	VV	243855	7928979	45.85%	0.751%	
321	14.538	14.524	14.547	VV	212238	2870387	16.60%	0.272%	
322	14.568	14.547	14.591	VV	250054	5971105	34.53%	0.565%	
323	14.611	14.591	14.627	VV	261833	5324868	30.79%	0.504%	
324	14.632	14.627	14.658	VV	242998	4156731	24.04%	0.393%	
325	14.680	14.658	14.695	VV	229359	4794798	27.73%	0.454%	
326	14.710	14.695	14.731	VV	232319	4796997	27.74%	0.454%	
327	14.759	14.731	14.780	VV	363719	8258961	47.76%	0.782%	
328	14.802	14.780	14.812	VV	400786	6292433	36.39%	0.596%	
329	14.825	14.812	14.865	VV	467789	10018403	57.93%	0.948%	
330	14.878	14.865	14.886	VV	223733	2723937	15.75%	0.258%	
331	14.918	14.886	14.949	VV	282120	9577404	55.38%	0.907%	
332	14.966	14.949	14.984	VV	260174	5133737	29.69%	0.486%	
333	15.017	14.984	15.040	VV	297340	8810611	50.95%	0.834%	
334	15.071	15.040	15.090	VV	299833	7904007	45.70%	0.748%	
335	15.111	15.090	15.135	VV	275140	6833567	39.51%	0.647%	
336	15.163	15.135	15.185	VV	256832	7333314	42.40%	0.694%	
337	15.211	15.185	15.239	VV	300152	8746308	50.58%	0.828%	
338	15.252	15.239	15.292	VV	247582	7513983	43.45%	0.711%	
339	15.347	15.292	15.369	VV	456094	13677530	79.09%	1.295%	
340	15.391	15.369	15.396	VV	272987	4284320	24.77%	0.406%	
341	15.441	15.396	15.460	VV	462720	12929067	74.76%	1.224%	
342	15.477	15.460	15.509	VV	399879	9215216	53.29%	0.872%	
343	15.548	15.509	15.557	VV	290270	7885306	45.60%	0.746%	
344	15.575	15.557	15.591	VV	313539	6157964	35.61%	0.583%	
345	15.608	15.591	15.636	VV	330226	8309923	48.05%	0.787%	
346	15.668	15.636	15.682	VV	284309	7550464	43.66%	0.715%	
347	15.699	15.682	15.748	VV	309376	11112890	64.26%	1.052%	
348	15.774	15.748	15.788	VV	279788	6492195	37.54%	0.615%	
349	15.805	15.788	15.823	VV	286059	5730551	33.14%	0.542%	
350	15.847	15.823	15.891	VV	442477	13087767	75.68%	1.239%	
351	15.900	15.891	15.918	VV	261552	4053549	23.44%	0.384%	

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352	15.939	15.918	15.958	VV	284063	6362692	36.79%	0.602%
353	15.970	15.958	15.996	VV	264358	5906523	34.79%	0.602%
354	16.037	15.996	16.060	VV	355743	11508116	66.79%	0.602%
355	16.079	16.060	16.095	VV	332138	6476604	37.79%	0.602%
356	16.112	16.095	16.119	VV	313781	4406110	29.79%	0.821%
357	16.140	16.119	16.175	VV	320252	10100608	58.79%	0.821%
358	16.209	16.175	16.224	VV	312628	8675415	50.17%	0.821%
359	16.245	16.224	16.271	VV	342267	8706229	50.34%	0.824%
360	16.328	16.271	16.361	VV	488839	17229867	99.63%	1.631%
361	16.379	16.361	16.398	VV	281011	6104205	35.30%	0.578%
362	16.427	16.398	16.454	VV	290694	9224316	53.34%	0.873%
363	16.471	16.454	16.517	VV	300539	10675561	61.73%	1.010%
364	16.521	16.517	16.542	VV	271233	3958066	22.89%	0.375%
365	16.556	16.542	16.591	VV	270849	7821745	45.23%	0.740%
366	16.619	16.591	16.629	VV	308754	6437303	37.22%	0.609%
367	16.651	16.629	16.682	VV	387531	10306000	59.59%	0.976%
368	16.709	16.682	16.729	VV	343866	8442320	48.82%	0.799%
369	16.733	16.729	16.740	VV	268239	1760534	10.18%	0.167%
370	16.760	16.740	16.775	VV	282994	5758513	33.30%	0.545%
371	16.796	16.775	16.844	VV	360447	12233972	70.74%	1.158%
372	16.857	16.844	16.884	VV	272751	6201688	35.86%	0.587%
373	16.888	16.884	16.896	VV	254206	1761363	10.19%	0.167%
374	16.953	16.896	16.979	VV	285837	13354198	77.22%	1.264%
375	16.990	16.979	17.011	VV	257174	4816705	27.85%	0.456%
376	17.015	17.011	17.017	VV	250448	964262	5.58%	0.091%
377	17.021	17.017	17.031	VV	250670	2013796	11.64%	0.191%
378	17.069	17.031	17.144	VV	275630	17293606	100.00%	1.637%
379	17.149	17.144	17.162	VV	239852	2612143	15.10%	0.247%
380	17.178	17.162	17.185	VV	249755	3251027	18.80%	0.308%
381	17.210	17.185	17.220	VV	295469	5819261	33.65%	0.551%
382	17.240	17.220	17.276	VV	376112	10330314	59.73%	0.978%
383	17.292	17.276	17.310	VV	260983	5145491	29.75%	0.487%
384	17.321	17.310	17.343	VV	245550	4632653	26.79%	0.439%
385	17.373	17.343	17.400	VV	275142	8590922	49.68%	0.813%
386	17.413	17.400	17.452	VV	253888	7523842	43.51%	0.712%
387	17.464	17.452	17.501	VV	227126	6476834	37.45%	0.613%
388	17.506	17.501	17.510	VV	216015	1163180	6.73%	0.110%
389	17.517	17.510	17.528	VV	215822	2277829	13.17%	0.216%
390	17.544	17.528	17.568	VV	220903	5112127	29.56%	0.484%
391	17.577	17.568	17.595	VV	213952	3498562	20.23%	0.331%
392	17.615	17.595	17.645	VV	220854	6452923	37.31%	0.611%
393	17.680	17.645	17.712	VV	293059	9673332	55.94%	0.916%
394	17.737	17.712	17.744	VV	227081	4194564	24.25%	0.397%
395	17.749	17.744	17.786	VV	227912	5409572	31.28%	0.512%
396	17.815	17.786	17.851	VV	219892	8099133	46.83%	0.767%
397	17.871	17.851	17.891	VV	215729	4942121	28.58%	0.468%
398	17.925	17.891	17.958	VV	216231	8216340	47.51%	0.778%
399	17.980	17.958	18.035	VV	209235	8915500	51.55%	0.844%
400	18.058	18.035	18.062	VV	186759	2925125	16.91%	0.277%
401	18.073	18.062	18.077	VV	189323	1753078	10.14%	0.166%
402	18.104	18.077	18.141	VV	229029	7682621	44.42%	0.727%
403	18.156	18.141	18.175	VV	180166	3526992	20.39%	0.334%
404	18.205	18.175	18.218	VV	190799	4618813	26.71%	0.437%

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405	18.241	18.218	18.294	VV	206039	8386477	48.49%	0.794%
406	18.326	18.294	18.346	VV	200266	5636071	32.72%	0.536%
407	18.370	18.346	18.393	VV	172098	4687539	27.95%	0.457%
408	18.413	18.393	18.432	VV	170470	3906232	22.61%	0.364%
409	18.436	18.432	18.445	VV	164498	1203064	6.71%	0.107%
410	18.448	18.445	18.454	VV	161750	910029	5.59%	0.089%
411	18.470	18.454	18.489	VV	165492	3314449	19.17%	0.314%
412	18.509	18.489	18.595	VV	182546	9764177	56.46%	0.924%
413	18.635	18.595	18.649	VV	159534	4832831	27.95%	0.457%
414	18.660	18.649	18.719	VV	152770	6104801	35.30%	0.578%
415	18.757	18.719	18.778	VV	156782	5149563	29.78%	0.487%
416	18.784	18.778	18.822	VV	144964	3755116	21.71%	0.355%
417	18.836	18.822	18.867	VV	146026	3654735	21.13%	0.346%
418	18.907	18.867	18.936	VV	154202	5659201	32.72%	0.536%
419	18.941	18.936	18.947	VV	126585	814294	4.71%	0.077%
420	18.953	18.947	18.970	VV	126999	1765225	10.21%	0.167%
421	18.982	18.970	18.989	VV	123938	1363643	7.89%	0.129%
422	19.015	18.989	19.074	VV	137114	6403233	37.03%	0.606%
423	19.077	19.074	19.092	VV	116291	1266852	7.33%	0.120%
424	19.096	19.092	19.148	VV	115200	3715315	21.48%	0.352%
425	19.161	19.148	19.174	VV	113058	1771573	10.24%	0.168%
426	19.185	19.174	19.202	VV	111065	1821805	10.53%	0.172%
427	19.207	19.202	19.227	VV	109740	1616185	9.35%	0.153%
428	19.233	19.227	19.253	VV	107127	1642229	9.50%	0.155%
429	19.285	19.253	19.331	VV	120930	5104652	29.52%	0.483%
430	19.335	19.331	19.357	VV	105069	1597178	9.24%	0.151%
431	19.364	19.357	19.369	VV	99603	702651	4.06%	0.067%
432	19.373	19.369	19.376	VV	100209	427285	2.47%	0.040%
433	19.384	19.376	19.394	VV	100621	1098401	6.35%	0.104%
434	19.403	19.394	19.447	VV	102529	3118139	18.03%	0.295%
435	19.459	19.447	19.470	VV	96118	1311741	7.59%	0.124%
436	19.481	19.470	19.512	VV	98824	2415647	13.97%	0.229%
437	19.517	19.512	19.521	VV	91855	480714	2.78%	0.046%
438	19.533	19.521	19.566	VV	93651	2423841	14.02%	0.229%
439	19.571	19.566	19.616	VV	88446	2581303	14.93%	0.244%
440	19.664	19.616	19.711	VV	90726	4800122	27.76%	0.454%
441	19.715	19.711	19.718	VV	79953	340702	1.97%	0.032%
442	19.722	19.718	19.742	VV	80286	1145350	6.62%	0.108%
443	19.756	19.742	19.796	VV	79347	2467827	14.27%	0.234%
444	19.801	19.796	19.822	VV	75682	1178465	6.81%	0.112%
445	19.847	19.822	19.870	VV	85596	2281170	13.19%	0.216%
446	19.894	19.870	19.901	VV	73504	1337911	7.74%	0.127%
447	19.915	19.901	19.954	VV	72741	2262526	13.08%	0.214%
448	19.965	19.954	19.976	VV	69179	895219	5.18%	0.085%
449	19.987	19.976	20.006	VV	68220	1168227	6.76%	0.111%
450	20.023	20.006	20.029	VV	68715	936877	5.42%	0.089%
451	20.030	20.029	20.065	VV	68519	1428041	8.26%	0.135%
452	20.075	20.065	20.115	VV	64936	1864804	10.78%	0.177%
453	20.123	20.115	20.149	VV	63392	1249339	7.22%	0.118%
454	20.156	20.149	20.177	VV	59496	1009909	5.84%	0.096%
455	20.189	20.177	20.235	VV	61390	1973665	11.41%	0.187%
456	20.243	20.235	20.251	VV	55043	520413	3.01%	0.049%

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457	20.265	20.251	20.287	VV	56483	1182586	6.84%	0.112%	
458	20.296	20.287	20.307	VV	54977	679733			
459	20.323	20.307	20.357	VV	55528	1582757			
460	20.375	20.357	20.398	VV	53130	1271324			
							Manual Integrat		
461	20.410	20.398	20.420	VV	49300	623692			
462	20.424	20.420	20.446	VV	48241	724002			
463	20.458	20.446	20.465	VV	46201	528096	3.05%	0.050%	
464	20.473	20.465	20.522	VV	47534	1550417	8.97%	0.147%	
465	20.529	20.522	20.564	VV	43968	1040141	6.01%	0.098%	
466	20.571	20.564	20.577	VV	39200	305145	1.76%	0.029%	
467	20.579	20.577	20.604	VV	39193	614842	3.56%	0.058%	
468	20.609	20.604	20.656	VV	37706	1117411	6.46%	0.106%	
469	20.660	20.656	20.716	VV	35580	1206974	6.98%	0.114%	
470	20.721	20.716	20.727	VV	32433	214264	1.24%	0.020%	
471	20.746	20.727	20.785	VV	33281	1094214	6.33%	0.104%	
472	20.805	20.785	20.831	VV	29368	776822	4.49%	0.074%	
473	20.838	20.831	20.849	VV	27707	303066	1.75%	0.029%	
474	20.853	20.849	20.874	VV	27221	386233	2.23%	0.037%	
475	20.879	20.874	20.887	VV	26058	199613	1.15%	0.019%	
476	20.892	20.887	20.897	VV	24898	135994	0.79%	0.013%	
477	20.902	20.897	20.915	VV	24562	265166	1.53%	0.025%	
478	20.920	20.915	20.972	VV	23926	778831	4.50%	0.074%	
479	20.977	20.972	21.019	VV	21564	587175	3.40%	0.056%	
480	21.036	21.019	21.050	VV	20422	368908	2.13%	0.035%	
481	21.056	21.050	21.059	VV	19459	101251	0.59%	0.010%	
482	21.062	21.059	21.068	VV	19478	101426	0.59%	0.010%	
483	21.072	21.068	21.093	VV	18816	263865	1.53%	0.025%	
484	21.099	21.093	21.140	VV	18009	482404	2.79%	0.046%	
485	21.154	21.140	21.161	VV	16597	200122	1.16%	0.019%	
486	21.168	21.161	21.172	VV	16288	112079	0.65%	0.011%	
487	21.187	21.172	21.218	VV	16153	414764	2.40%	0.039%	
488	21.231	21.218	21.261	VV	13939	339188	1.96%	0.032%	
489	21.267	21.261	21.276	VV	12786	112833	0.65%	0.011%	
490	21.280	21.276	21.299	VV	12814	171594	0.99%	0.016%	
491	21.304	21.299	21.341	VV	11551	265517	1.54%	0.025%	
492	21.345	21.341	21.350	VV	10019	53189	0.31%	0.005%	
493	21.355	21.350	21.407	VV	10450	312608	1.81%	0.030%	
494	21.412	21.407	21.460	VV	8632	236385	1.37%	0.022%	
495	21.472	21.460	21.491	VV	7586	134061	0.78%	0.013%	
496	21.494	21.491	21.523	VV	6962	117221	0.68%	0.011%	
497	21.532	21.523	21.537	VV	5624	44647	0.26%	0.004%	
498	21.556	21.537	21.626	VV	6459	270835	1.57%	0.026%	
499	21.628	21.626	21.636	VV	4341	24153	0.14%	0.002%	
500	21.641	21.636	21.648	VV	3882	27844	0.16%	0.003%	
501	21.656	21.648	21.687	VV	4011	69587	0.40%	0.007%	
502	21.693	21.687	21.714	VV	2463	34504	0.20%	0.003%	
503	21.719	21.714	21.723	VV	1625	8592	0.05%	0.001%	
504	21.729	21.723	21.740	VV	1790	14634	0.08%	0.001%	
505	21.755	21.740	21.792	VV	1580	27351	0.16%	0.003%	