

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121318AL\
 Data File : FC038188.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2018 8:54
 Sample : J6189-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.118	3.082	3.147	BV	21871	228799	0.37%	0.044%
2	3.157	3.147	3.191	VV	1376	15613	0.03%	0.003%
3	3.213	3.191	3.220	PV	1349	11592	0.02%	0.002%
4	3.233	3.220	3.246	VV	3153	29799	0.05%	0.006%
5	3.258	3.246	3.277	VV	2605	23113	0.04%	0.004%
6	3.292	3.277	3.303	VV	2082	21963	0.04%	0.004%
7	3.317	3.303	3.333	VV	3157	32045	0.05%	0.006%
8	3.348	3.333	3.358	VV	2106	18822	0.03%	0.004%
9	3.375	3.358	3.408	VV	10712	138072	0.23%	0.026%
10	3.440	3.408	3.455	VV	4741	76918	0.13%	0.015%
11	3.485	3.455	3.527	VV	16038	250166	0.41%	0.048%
12	3.555	3.527	3.584	VV	9259	166446	0.27%	0.032%
13	3.602	3.584	3.632	VV	16235	231635	0.38%	0.044%
14	3.642	3.632	3.664	VV	8842	79794	0.13%	0.015%
15	3.686	3.664	3.737	VV	20195	347902	0.57%	0.067%
16	3.777	3.737	3.790	PV	34522	392488	0.64%	0.075%
17	3.805	3.790	3.823	VV	30031	329084	0.54%	0.063%
18	3.837	3.823	3.854	VV	9837	146977	0.24%	0.028%
19	3.871	3.854	3.892	VV	29558	307169	0.50%	0.059%
20	3.935	3.892	3.962	VV	44458	604534	0.99%	0.116%
21	3.977	3.962	4.000	VV	17960	249138	0.41%	0.048%
22	4.010	4.000	4.025	VV	8594	95152	0.16%	0.018%
23	4.033	4.025	4.050	VV	5546	47066	0.08%	0.009%
24	4.082	4.050	4.104	PV	9454	137261	0.22%	0.026%
25	4.123	4.104	4.146	VV	14574	190126	0.31%	0.036%
26	4.174	4.146	4.195	VV	177089	1635779	2.67%	0.313%
27	4.209	4.195	4.225	VV	29904	279027	0.46%	0.053%
28	4.241	4.225	4.258	VV	13724	148503	0.24%	0.028%
29	4.273	4.258	4.297	VV	6121	92852	0.15%	0.018%
30	4.334	4.297	4.349	VV	12758	288277	0.47%	0.055%
31	4.363	4.349	4.385	VV	14372	256191	0.42%	0.049%
32	4.397	4.385	4.409	VV	14193	157012	0.26%	0.030%
33	4.426	4.409	4.439	VV	50716	487617	0.80%	0.093%
34	4.447	4.439	4.461	VV	26228	241973	0.40%	0.046%
35	4.479	4.461	4.488	VV	22478	264522	0.43%	0.051%
36	4.496	4.488	4.510	VV	23656	236597	0.39%	0.045%

rteres.txt								
37	4.545	4.510	4.559	VV	40623	582625	0.95%	0.111%
38	4.585	4.559	4.604	VV	38836	630444	1.03%	0.121%
39	4.625	4.604	4.665	VV	44296	725738	1.19%	0.139%
40	4.692	4.665	4.709	VV	29782	372415	0.61%	0.071%
41	4.722	4.709	4.747	VV	16265	218083	0.36%	0.042%
42	4.779	4.747	4.792	VV	40684	462367	0.76%	0.088%
43	4.809	4.792	4.831	VV	62136	847721	1.38%	0.162%
44	4.848	4.831	4.864	VV	64158	685992	1.12%	0.131%
45	4.878	4.864	4.893	VV	38388	452516	0.74%	0.087%
46	4.909	4.893	4.944	VV	57090	713294	1.16%	0.136%
47	4.961	4.944	4.979	VV	6831	123576	0.20%	0.024%
48	5.000	4.979	5.012	VV	23388	295082	0.48%	0.056%
49	5.022	5.012	5.033	VV	19602	210145	0.34%	0.040%
50	5.063	5.033	5.077	VV	32010	616511	1.01%	0.118%
51	5.088	5.077	5.104	VV	32439	374351	0.61%	0.072%
52	5.115	5.104	5.135	VV	15146	269400	0.44%	0.052%
53	5.147	5.135	5.162	VV	19527	229306	0.37%	0.044%
54	5.172	5.162	5.181	VV	11669	108950	0.18%	0.021%
55	5.205	5.181	5.253	VV	322537	3830937	6.26%	0.733%
56	5.271	5.253	5.305	VV	13867	328369	0.54%	0.063%
57	5.323	5.305	5.335	VV	12849	176466	0.29%	0.034%
58	5.377	5.335	5.429	VV	48305	1404610	2.29%	0.269%
59	5.450	5.429	5.460	VV	28677	352773	0.58%	0.067%
60	5.488	5.460	5.515	VV	66888	1493452	2.44%	0.286%
61	5.527	5.515	5.535	VV	31100	321398	0.52%	0.061%
62	5.564	5.535	5.584	VV	69405	1131687	1.85%	0.217%
63	5.608	5.584	5.634	VV	36215	677950	1.11%	0.130%
64	5.652	5.634	5.669	VV	38107	483944	0.79%	0.093%
65	5.700	5.669	5.720	VV	43948	785980	1.28%	0.150%
66	5.759	5.720	5.782	VV	50782	1235759	2.02%	0.236%
67	5.797	5.782	5.814	VV	48613	587509	0.96%	0.112%
68	5.840	5.814	5.857	VV	67510	929411	1.52%	0.178%
69	5.875	5.857	5.887	VV	41342	605031	0.99%	0.116%
70	5.901	5.887	5.939	VV	64152	1134727	1.85%	0.217%
71	5.955	5.939	5.967	VV	34143	408494	0.67%	0.078%
72	6.007	5.967	6.037	VV	34992	1093658	1.79%	0.209%
73	6.057	6.037	6.079	VV	34313	674111	1.10%	0.129%
74	6.102	6.079	6.157	VV	52867	1319054	2.15%	0.252%
75	6.180	6.157	6.226	VV	295904	3433663	5.61%	0.657%
76	6.262	6.226	6.273	VV	23070	526213	0.86%	0.101%
77	6.293	6.273	6.306	VV	33686	532768	0.87%	0.102%
78	6.327	6.306	6.347	VV	102186	1385606	2.26%	0.265%
79	6.363	6.347	6.384	VV	39141	703996	1.15%	0.135%
80	6.397	6.384	6.409	VV	32811	388916	0.64%	0.074%
81	6.420	6.409	6.432	VV	27562	329815	0.54%	0.063%
82	6.448	6.432	6.470	VV	53104	752309	1.23%	0.144%
83	6.490	6.470	6.500	VV	43339	563414	0.92%	0.108%
84	6.509	6.500	6.541	VV	40351	756505	1.24%	0.145%
85	6.564	6.541	6.601	VV	107327	1689808	2.76%	0.323%
86	6.639	6.601	6.659	VV	35670	831394	1.36%	0.159%
87	6.681	6.659	6.708	VV	59498	1288113	2.10%	0.246%
88	6.731	6.708	6.757	VV	68564	1129921	1.85%	0.216%
89	6.782	6.757	6.817	VV	103510	1894892	3.09%	0.363%

					rteres.txt			
90	6.833	6.817	6.850	VV	67259	777555	1.27%	0.149%
91	6.876	6.850	6.902	VV	93297	1453453	2.37%	0.278%
92	6.928	6.902	6.949	VV	44237	876043	1.43%	0.168%
93	6.970	6.949	6.986	VV	36994	558694	0.91%	0.107%
94	7.018	6.986	7.039	VV	25141	705617	1.15%	0.135%
95	7.065	7.039	7.077	VV	73792	1024911	1.67%	0.196%
96	7.097	7.077	7.119	VV	285486	3198363	5.22%	0.612%
97	7.142	7.119	7.191	VV	33628	1241342	2.03%	0.237%
98	7.215	7.191	7.239	VV	27500	679399	1.11%	0.130%
99	7.265	7.239	7.293	VV	69278	1417936	2.32%	0.271%
100	7.310	7.293	7.335	VV	34458	592677	0.97%	0.113%
101	7.353	7.335	7.369	VV	27975	435401	0.71%	0.083%
102	7.395	7.369	7.439	VV	461211	5417064	8.85%	1.036%
103	7.454	7.439	7.494	VV	42426	882421	1.44%	0.169%
104	7.512	7.494	7.530	VV	40193	645598	1.05%	0.124%
105	7.548	7.530	7.563	VV	54994	756897	1.24%	0.145%
106	7.573	7.563	7.592	VV	37733	517323	0.84%	0.099%
107	7.612	7.592	7.632	VV	47131	769497	1.26%	0.147%
108	7.658	7.632	7.672	VV	64678	994337	1.62%	0.190%
109	7.682	7.672	7.694	VV	44952	517851	0.85%	0.099%
110	7.711	7.694	7.734	VV	60352	891605	1.46%	0.171%
111	7.753	7.734	7.762	VV	27718	378129	0.62%	0.072%
112	7.782	7.762	7.808	VV	87996	1241518	2.03%	0.238%
113	7.824	7.808	7.842	VV	26368	447342	0.73%	0.086%
114	7.868	7.842	7.885	VV	46447	791911	1.29%	0.152%
115	7.900	7.885	7.913	VV	41106	583940	0.95%	0.112%
116	7.926	7.913	7.939	VV	37430	536494	0.88%	0.103%
117	7.961	7.939	7.989	VV	237048	2879923	4.70%	0.551%
118	8.013	7.989	8.034	VV	39643	850112	1.39%	0.163%
119	8.052	8.034	8.086	VV	36266	829592	1.35%	0.159%
120	8.104	8.086	8.122	VV	37964	624562	1.02%	0.119%
121	8.134	8.122	8.147	VV	29039	357286	0.58%	0.068%
122	8.166	8.147	8.215	VV	39469	968283	1.58%	0.185%
123	8.248	8.215	8.292	VV	293952	3580345	5.85%	0.685%
124	8.309	8.292	8.355	VV	33081	1093776	1.79%	0.209%
125	8.376	8.355	8.389	VV	39057	679631	1.11%	0.130%
126	8.402	8.389	8.432	VV	40895	786132	1.28%	0.150%
127	8.450	8.432	8.472	VV	37339	682720	1.11%	0.131%
128	8.493	8.472	8.517	VV	92202	1241786	2.03%	0.238%
129	8.544	8.517	8.572	VV	35759	755404	1.23%	0.145%
130	8.585	8.572	8.600	VV	22175	334043	0.55%	0.064%
131	8.619	8.600	8.649	VV	22371	571572	0.93%	0.109%
132	8.660	8.649	8.677	VV	17361	266022	0.43%	0.051%
133	8.713	8.677	8.730	VV	22006	597233	0.98%	0.114%
134	8.777	8.730	8.832	VV	189901	2969404	4.85%	0.568%
135	8.859	8.832	8.879	VV	24558	458966	0.75%	0.088%
136	8.906	8.879	8.926	VV	21578	444139	0.73%	0.085%
137	8.939	8.926	8.952	VV	14503	187357	0.31%	0.036%
138	8.967	8.952	8.979	VV	14588	217837	0.36%	0.042%
139	8.990	8.979	9.004	VV	14881	196136	0.32%	0.038%
140	9.015	9.004	9.025	VV	13082	157591	0.26%	0.030%
141	9.044	9.025	9.080	VV	21318	484382	0.79%	0.093%

rteres.txt								
142	9.096	9.080	9.107	VV	13321	187307	0.31%	0.036%
143	9.144	9.107	9.177	VV	37714	1024870	1.67%	0.196%
144	9.198	9.177	9.214	VV	26786	442371	0.72%	0.085%
145	9.231	9.214	9.254	VV	28484	487962	0.80%	0.093%
146	9.277	9.254	9.295	VV	29783	467493	0.76%	0.089%
147	9.328	9.295	9.352	VV	28452	608345	0.99%	0.116%
148	9.365	9.352	9.380	VV	8955	128042	0.21%	0.024%
149	9.396	9.380	9.415	VV	8285	157729	0.26%	0.030%
150	9.423	9.415	9.432	VV	7374	67829	0.11%	0.013%
151	9.449	9.432	9.474	VV	12574	274544	0.45%	0.053%
152	9.500	9.474	9.522	VV	21435	436064	0.71%	0.083%
153	9.549	9.522	9.586	VV	156110	1926874	3.15%	0.369%
154	9.625	9.586	9.686	VV	12314	483530	0.79%	0.093%
155	9.707	9.686	9.745	VV	9559	209901	0.34%	0.040%
156	9.782	9.745	9.796	VV	6284	148254	0.24%	0.028%
157	9.825	9.796	9.849	VV	5352	149770	0.24%	0.029%
158	9.866	9.849	9.875	VV	7630	96483	0.16%	0.018%
159	9.894	9.875	9.904	VV	14739	190811	0.31%	0.037%
160	9.934	9.904	9.960	VV	45077	885119	1.45%	0.169%
161	9.986	9.960	10.010	VV	20671	440545	0.72%	0.084%
162	10.028	10.010	10.056	VV	20247	387310	0.63%	0.074%
163	10.076	10.056	10.096	VV	20514	259539	0.42%	0.050%
164	10.114	10.096	10.149	VV	11090	226521	0.37%	0.043%
165	10.170	10.149	10.191	VV	11189	191448	0.31%	0.037%
166	10.209	10.191	10.235	VV	10659	193961	0.32%	0.037%
167	10.283	10.235	10.305	VV	131925	1686502	2.75%	0.323%
168	10.355	10.305	10.435	VV	50525	1395990	2.28%	0.267%
169	10.474	10.435	10.487	VV	6421	139374	0.23%	0.027%
170	10.510	10.487	10.564	VV	197195	2355729	3.85%	0.451%
171	10.586	10.564	10.639	VV	59099	1006738	1.64%	0.193%
172	10.665	10.639	10.711	VV	17005	449590	0.73%	0.086%
173	10.734	10.711	10.764	VV	12521	206140	0.34%	0.039%
174	10.785	10.764	10.802	VV	9678	131990	0.22%	0.025%
175	10.820	10.802	10.848	VV	11033	185285	0.30%	0.035%
176	10.876	10.848	10.887	VV	4327	78014	0.13%	0.015%
177	10.909	10.887	10.957	VV	6332	184602	0.30%	0.035%
178	10.982	10.957	11.012	VV	104110	1249018	2.04%	0.239%
179	11.033	11.012	11.045	VV	13163	190535	0.31%	0.036%
180	11.071	11.045	11.100	VV	33783	567344	0.93%	0.109%
181	11.112	11.100	11.128	VV	4189	53646	0.09%	0.010%
182	11.136	11.128	11.144	VV	3021	26374	0.04%	0.005%
183	11.165	11.144	11.194	VV	7697	127502	0.21%	0.024%
184	11.208	11.194	11.225	VV	2064	25622	0.04%	0.005%
185	11.280	11.225	11.323	VV	308836	3900933	6.37%	0.746%
186	11.339	11.323	11.364	VV	38718	533974	0.87%	0.102%
187	11.370	11.364	11.390	VV	12149	137245	0.22%	0.026%
188	11.418	11.390	11.439	VV	47416	699924	1.14%	0.134%
189	11.457	11.439	11.472	VV	26939	350005	0.57%	0.067%
190	11.486	11.472	11.514	VV	23260	337296	0.55%	0.065%
191	11.535	11.514	11.574	VV	32950	459364	0.75%	0.088%
192	11.649	11.574	11.672	VV	83922	1220753	1.99%	0.234%
193	11.708	11.672	11.744	VV	1141370	13742469	22.44%	2.629%
194	11.781	11.744	11.819	VV	12165	254515	0.42%	0.049%

rteres.txt								
195	11.842	11.819	11.882	PV	8435	128295	0.21%	0.025%
196	11.906	11.882	11.968	VV	20999	566261	0.92%	0.108%
197	11.983	11.968	12.009	VV	8915	161215	0.26%	0.031%
198	12.028	12.009	12.039	VV	9662	133712	0.22%	0.026%
199	12.055	12.039	12.078	VV	12258	178386	0.29%	0.034%
200	12.106	12.078	12.140	VV	13313	289961	0.47%	0.055%
201	12.163	12.140	12.185	VV	18034	264205	0.43%	0.051%
202	12.204	12.185	12.225	VV	23635	336888	0.55%	0.064%
203	12.238	12.225	12.255	VV	9928	149275	0.24%	0.029%
204	12.283	12.255	12.297	VV	77952	1007871	1.65%	0.193%
205	12.317	12.297	12.383	VV	278438	3495710	5.71%	0.669%
206	12.394	12.383	12.404	VV	2467	20894	0.03%	0.004%
207	12.423	12.404	12.438	VV	3734	47247	0.08%	0.009%
208	12.452	12.438	12.467	VV	2787	29124	0.05%	0.006%
209	12.500	12.467	12.521	PV	10221	166064	0.27%	0.032%
210	12.541	12.521	12.568	VV	9461	206511	0.34%	0.040%
211	12.611	12.568	12.645	VV	212451	2515075	4.11%	0.481%
212	12.669	12.645	12.680	VV	21046	265929	0.43%	0.051%
213	12.740	12.680	12.765	VV	2977586	61238966	100.00%	11.716%
214	12.798	12.765	12.855	VV	3001829	45897602	74.95%	8.781%
215	12.896	12.855	12.920	VV	72812	1027485	1.68%	0.197%
216	12.952	12.920	12.999	VV	485183	5991418	9.78%	1.146%
217	13.009	12.999	13.025	VV	17301	241209	0.39%	0.046%
218	13.035	13.025	13.059	VV	13894	203706	0.33%	0.039%
219	13.087	13.059	13.105	VV	14604	276502	0.45%	0.053%
220	13.124	13.105	13.161	VV	23423	466099	0.76%	0.089%
221	13.170	13.161	13.180	VV	8193	86890	0.14%	0.017%
222	13.239	13.180	13.264	VV	62384	1471610	2.40%	0.282%
223	13.277	13.264	13.299	VV	10792	163346	0.27%	0.031%
224	13.320	13.299	13.338	VV	27002	407598	0.67%	0.078%
225	13.356	13.338	13.376	VV	22829	394143	0.64%	0.075%
226	13.392	13.376	13.417	VV	15630	245670	0.40%	0.047%
227	13.478	13.417	13.505	VV	66472	1129557	1.84%	0.216%
228	13.524	13.505	13.550	VV	23884	355750	0.58%	0.068%
229	13.579	13.550	13.632	VV	15537	363484	0.59%	0.070%
230	13.731	13.632	13.745	PV	42944	786336	1.28%	0.150%
231	13.761	13.745	13.799	VV	26663	640981	1.05%	0.123%
232	13.816	13.799	13.833	VV	12660	190715	0.31%	0.036%
233	13.881	13.833	13.899	VV	23091	613148	1.00%	0.117%
234	13.926	13.899	13.985	VV	60906	1423610	2.32%	0.272%
235	14.037	13.985	14.062	VV	60565	959260	1.57%	0.184%
236	14.092	14.062	14.147	VV	77747	1458273	2.38%	0.279%
237	14.170	14.147	14.192	VV	31761	506322	0.83%	0.097%
238	14.203	14.192	14.229	VV	11502	216169	0.35%	0.041%
239	14.248	14.229	14.275	VV	19605	353411	0.58%	0.068%
240	14.294	14.275	14.338	VV	9204	223054	0.36%	0.043%
241	14.360	14.338	14.369	VV	7479	97523	0.16%	0.019%
242	14.377	14.369	14.398	VV	7496	68566	0.11%	0.013%
243	14.482	14.398	14.503	PV	97663	1588786	2.59%	0.304%
244	14.523	14.503	14.545	VV	100753	1353969	2.21%	0.259%
245	14.572	14.545	14.600	VV	55746	878366	1.43%	0.168%
246	14.639	14.600	14.658	VV	23556	381665	0.62%	0.073%

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247	14.676	14.658	14.700	VV	8322	173241	0.28%	0.033%
248	14.721	14.700	14.745	VV	9022	142072	0.23%	0.027%
249	14.767	14.745	14.775	VV	7755	85690	0.14%	0.016%
250	14.795	14.775	14.809	VV	14164	192013	0.31%	0.037%
251	14.819	14.809	14.859	VV	8030	164344	0.27%	0.031%
252	14.869	14.859	14.892	VV	5466	65209	0.11%	0.012%
253	14.959	14.892	14.979	VV	14304	523393	0.85%	0.100%
254	14.994	14.979	15.017	VV	13290	224324	0.37%	0.043%
255	15.092	15.017	15.122	VV	41662	751012	1.23%	0.144%
256	15.150	15.122	15.177	VV	83641	1169733	1.91%	0.224%
257	15.189	15.177	15.227	VV	15025	256884	0.42%	0.049%
258	15.235	15.227	15.247	PV	3999	25802	0.04%	0.005%
259	15.291	15.247	15.302	VV	13864	277185	0.45%	0.053%
260	15.318	15.302	15.358	VV	17360	339093	0.55%	0.065%
261	15.426	15.358	15.438	VV	8531	278461	0.45%	0.053%
262	15.476	15.438	15.494	VV	12762	267036	0.44%	0.051%
263	15.504	15.494	15.531	VV	7053	119821	0.20%	0.023%
264	15.549	15.531	15.557	VV	11973	125848	0.21%	0.024%
265	15.589	15.557	15.632	VV	66587	1134377	1.85%	0.217%
266	15.654	15.632	15.665	VV	9891	157156	0.26%	0.030%
267	15.684	15.665	15.712	VV	7291	124510	0.20%	0.024%
268	15.759	15.712	15.780	PV	42061	836411	1.37%	0.160%
269	15.795	15.780	15.821	VV	33155	676846	1.11%	0.129%
270	15.832	15.821	15.867	VV	26311	583602	0.95%	0.112%
271	15.905	15.867	15.923	VV	16976	482300	0.79%	0.092%
272	15.950	15.923	15.982	VV	28058	636957	1.04%	0.122%
273	16.036	15.982	16.053	VV	106327	1935279	3.16%	0.370%
274	16.070	16.053	16.105	VV	86210	1440844	2.35%	0.276%
275	16.136	16.105	16.150	VV	43233	757829	1.24%	0.145%
276	16.170	16.150	16.194	VV	37680	744542	1.22%	0.142%
277	16.200	16.194	16.222	VV	24861	390988	0.64%	0.075%
278	16.243	16.222	16.274	VV	26352	714969	1.17%	0.137%
279	16.300	16.274	16.314	VV	25080	528423	0.86%	0.101%
280	16.374	16.314	16.392	VV	83518	2536755	4.14%	0.485%
281	16.413	16.392	16.479	VV	185864	3493299	5.70%	0.668%
282	16.536	16.479	16.557	VV	91630	2256554	3.68%	0.432%
283	16.573	16.557	16.597	VV	51260	918565	1.50%	0.176%
284	16.615	16.597	16.638	VV	34349	727178	1.19%	0.139%
285	16.678	16.638	16.688	VV	35586	917661	1.50%	0.176%
286	16.714	16.688	16.722	VV	38025	705258	1.15%	0.135%
287	16.744	16.722	16.762	VV	39600	876024	1.43%	0.168%
288	16.775	16.762	16.781	VV	38623	403662	0.66%	0.077%
289	16.822	16.781	16.856	VV	46574	1685773	2.75%	0.323%
290	16.909	16.856	16.930	VV	63059	1852530	3.03%	0.354%
291	16.947	16.930	16.962	VV	35211	658252	1.07%	0.126%
292	16.988	16.962	17.024	VV	99227	2189471	3.58%	0.419%
293	17.062	17.024	17.107	VV	52250	2071672	3.38%	0.396%
294	17.129	17.107	17.182	VV	55746	1975397	3.23%	0.378%
295	17.196	17.182	17.210	VV	37583	564522	0.92%	0.108%
296	17.225	17.210	17.240	VV	40212	654065	1.07%	0.125%
297	17.261	17.240	17.277	VV	40864	825686	1.35%	0.158%
298	17.321	17.277	17.343	VV	50415	1761720	2.88%	0.337%
299	17.369	17.343	17.380	VV	60284	1129656	1.84%	0.216%

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300	17.423	17.380	17.450	VV	97929	2734578	4.47%	0.523%
301	17.467	17.450	17.489	VV	43468	881230	1.44%	0.169%
302	17.529	17.489	17.615	VV	108616	4923406	8.04%	0.942%
303	17.644	17.615	17.664	VV	52857	1342878	2.19%	0.257%
304	17.693	17.664	17.735	VV	67672	2411177	3.94%	0.461%
305	17.739	17.735	17.760	VV	58144	814952	1.33%	0.156%
306	17.787	17.760	17.819	VV	95355	2439101	3.98%	0.467%
307	17.845	17.819	17.872	VV	116170	2644471	4.32%	0.506%
308	17.897	17.872	17.919	VV	112816	2232917	3.65%	0.427%
309	17.929	17.919	17.944	VV	69999	993068	1.62%	0.190%
310	17.983	17.944	18.002	VV	71925	2134204	3.49%	0.408%
311	18.039	18.002	18.075	VV	98485	2934287	4.79%	0.561%
312	18.097	18.075	18.106	VV	57708	1001505	1.64%	0.192%
313	18.124	18.106	18.154	VV	67990	1736841	2.84%	0.332%
314	18.174	18.154	18.185	VV	61274	1104257	1.80%	0.211%
315	18.193	18.185	18.217	VV	62583	1121068	1.83%	0.214%
316	18.253	18.217	18.282	VV	120949	3060184	5.00%	0.585%
317	18.290	18.282	18.300	VV	61373	649098	1.06%	0.124%
318	18.317	18.300	18.338	VV	94020	1758677	2.87%	0.336%
319	18.366	18.338	18.425	VV	98441	3943509	6.44%	0.754%
320	18.447	18.425	18.463	VV	67474	1425508	2.33%	0.273%
321	18.506	18.463	18.522	VV	74204	2482880	4.05%	0.475%
322	18.533	18.522	18.564	VV	76568	1733326	2.83%	0.332%
323	18.580	18.564	18.590	VV	75702	1115914	1.82%	0.213%
324	18.650	18.590	18.699	VV	155414	5677846	9.27%	1.086%
325	18.720	18.699	18.739	VV	95117	1927034	3.15%	0.369%
326	18.756	18.739	18.770	VV	80027	1389920	2.27%	0.266%
327	18.790	18.770	18.807	VV	81036	1643019	2.68%	0.314%
328	18.826	18.807	18.880	VV	88523	3396764	5.55%	0.650%
329	18.902	18.880	18.922	VV	84173	1827493	2.98%	0.350%
330	18.942	18.922	18.955	VV	80257	1452796	2.37%	0.278%
331	18.978	18.955	18.987	VV	74735	1370033	2.24%	0.262%
332	19.036	18.987	19.069	VV	153243	5050603	8.25%	0.966%
333	19.079	19.069	19.093	VV	93405	1269474	2.07%	0.243%
334	19.129	19.093	19.174	VV	92195	4203444	6.86%	0.804%
335	19.214	19.174	19.249	VV	97953	3858417	6.30%	0.738%
336	19.267	19.249	19.300	VV	107857	2814814	4.60%	0.539%
337	19.339	19.300	19.372	VV	103838	3978040	6.50%	0.761%
338	19.414	19.372	19.493	VV	141283	7422409	12.12%	1.420%
339	19.540	19.493	19.554	VV	107648	3466592	5.66%	0.663%
340	19.586	19.554	19.605	VV	112115	3097236	5.06%	0.593%
341	19.614	19.605	19.622	VV	100733	969160	1.58%	0.185%
342	19.649	19.622	19.674	VV	140314	3478730	5.68%	0.666%
343	19.683	19.674	19.695	VV	109211	1347305	2.20%	0.258%
344	19.711	19.695	19.730	VV	107833	2129260	3.48%	0.407%
345	19.776	19.730	19.797	VV	131718	4510733	7.37%	0.863%
346	19.811	19.797	19.854	VV	120440	3787293	6.18%	0.725%
347	19.880	19.854	19.904	VV	117272	3257946	5.32%	0.623%
348	19.950	19.904	19.967	VV	127634	4398307	7.18%	0.841%
349	19.981	19.967	19.989	VV	114187	1453358	2.37%	0.278%
350	19.998	19.989	20.014	VV	119292	1669524	2.73%	0.319%
351	20.027	20.014	20.055	VV	112860	2679662	4.38%	0.513%

					rteres.txt			
352	20.069	20.055	20.085	VV	109616	1894506	3.09%	0.362%
353	20.131	20.085	20.170	VV	162086	6324200	10.33%	1.210%
354	20.189	20.170	20.204	VV	124342	2330778	3.81%	0.446%
355	20.224	20.204	20.242	VV	138885	2754401	4.50%	0.527%
356	20.257	20.242	20.277	VV	134411	2515737	4.11%	0.481%
357	20.290	20.277	20.310	VV	125559	2411225	3.94%	0.461%
358	20.327	20.310	20.335	VV	121398	1800483	2.94%	0.344%
359	20.349	20.335	20.367	VV	127580	2278935	3.72%	0.436%
360	20.379	20.367	20.389	VV	116845	1476943	2.41%	0.283%
361	20.402	20.389	20.423	VV	118184	2284917	3.73%	0.437%
362	20.477	20.423	20.562	VV	139761	9197049	15.02%	1.760%
363	20.572	20.562	20.593	VV	102041	1734043	2.83%	0.332%
364	20.606	20.593	20.627	VV	91918	1758068	2.87%	0.336%
365	20.646	20.627	20.669	VV	102233	2349220	3.84%	0.449%
366	20.677	20.669	20.690	VV	97356	1166119	1.90%	0.223%
367	20.706	20.690	20.722	VV	94795	1694432	2.77%	0.324%
368	20.749	20.722	20.759	VV	94104	1914768	3.13%	0.366%
369	20.770	20.759	20.827	VV	100691	3062599	5.00%	0.586%
370	20.854	20.827	20.880	VV	90256	2309717	3.77%	0.442%
371	20.889	20.880	20.917	VV	66645	1190073	1.94%	0.228%
372	20.941	20.917	20.950	VV	56491	1025066	1.67%	0.196%
373	20.978	20.950	20.992	VV	62518	1300244	2.12%	0.249%
374	20.999	20.992	21.009	VV	48079	479792	0.78%	0.092%
375	21.053	21.009	21.068	VV	53310	1694809	2.77%	0.324%
376	21.093	21.068	21.103	VV	53033	894434	1.46%	0.171%
377	21.113	21.103	21.122	VV	41204	419409	0.68%	0.080%
378	21.130	21.122	21.169	VV	38378	833197	1.36%	0.159%
379	21.201	21.169	21.232	VV	27627	840038	1.37%	0.161%
380	21.245	21.232	21.254	VV	24884	267030	0.44%	0.051%
381	21.284	21.254	21.343	VV	44660	1460754	2.39%	0.279%
					Sum of corrected areas:	522680786		

Alaphatic EPH 121018.M Thu Dec 13 11:35:21 2018