

riteres

Instrument :

FID\_E

ClientSampleId :

WC-14-5-7.5B-EPH-5DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/23/2024

Supervised By :Ankita Jodhani 09/23/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092024  
Data File : FE050244.D  
Signal(s) : FID1B.ch  
Acq On : 20 Sep 2024 14:48  
Sample : P4104-10DL 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.119       | 3.104        | 3.154      | PH       | 8063           | 142586       | 1.08%          | 0.041%        |
| 2         | 3.179       | 3.154        | 3.194      | PV       | 8782           | 110664       | 0.84%          | 0.032%        |
| 3         | 3.258       | 3.194        | 3.292      | VV       | 203913         | 2706430      | 20.56%         | 0.779%        |
| 4         | 3.307       | 3.292        | 3.347      | VV       | 10272          | 174414       | 1.32%          | 0.050%        |
| 5         | 3.376       | 3.347        | 3.387      | VV       | 16862          | 179762       | 1.37%          | 0.052%        |
| 6         | 3.400       | 3.387        | 3.415      | VV       | 21861          | 266274       | 2.02%          | 0.077%        |
| 7         | 3.427       | 3.415        | 3.447      | VV       | 15774          | 192299       | 1.46%          | 0.055%        |
| 8         | 3.469       | 3.447        | 3.483      | VV       | 31971          | 374866       | 2.85%          | 0.108%        |
| 9         | 3.499       | 3.483        | 3.528      | VV       | 33293          | 479301       | 3.64%          | 0.138%        |
| 10        | 3.537       | 3.528        | 3.549      | VV       | 7067           | 69899        | 0.53%          | 0.020%        |
| 11        | 3.570       | 3.549        | 3.580      | VV       | 41939          | 441180       | 3.35%          | 0.127%        |
| 12        | 3.591       | 3.580        | 3.613      | VV       | 46095          | 521324       | 3.96%          | 0.150%        |
| 13        | 3.648       | 3.613        | 3.680      | VV       | 37424          | 694899       | 5.28%          | 0.200%        |
| 14        | 3.702       | 3.680        | 3.724      | VV       | 80992          | 1004992      | 7.63%          | 0.289%        |
| 15        | 3.744       | 3.724        | 3.763      | VV       | 94985          | 1163051      | 8.83%          | 0.335%        |
| 16        | 3.782       | 3.763        | 3.819      | VV       | 35883          | 799350       | 6.07%          | 0.230%        |
| 17        | 3.842       | 3.819        | 3.918      | VV       | 190182         | 3246948      | 24.66%         | 0.935%        |
| 18        | 3.943       | 3.918        | 3.998      | VV       | 92142          | 1883756      | 14.31%         | 0.542%        |
| 19        | 4.049       | 3.998        | 4.067      | VV       | 219463         | 2859984      | 21.72%         | 0.823%        |
| 20        | 4.082       | 4.067        | 4.102      | VV       | 126791         | 1416312      | 10.76%         | 0.408%        |
| 21        | 4.117       | 4.102        | 4.136      | VV       | 37578          | 537637       | 4.08%          | 0.155%        |
| 22        | 4.159       | 4.136        | 4.182      | VV       | 129863         | 1522456      | 11.56%         | 0.438%        |
| 23        | 4.200       | 4.182        | 4.213      | VV       | 27531          | 381951       | 2.90%          | 0.110%        |
| 24        | 4.234       | 4.213        | 4.265      | VV       | 129664         | 1917129      | 14.56%         | 0.552%        |
| 25        | 4.279       | 4.265        | 4.293      | VV       | 42099          | 537042       | 4.08%          | 0.155%        |
| 26        | 4.308       | 4.293        | 4.335      | VV       | 36147          | 647325       | 4.92%          | 0.186%        |
| 27        | 4.343       | 4.335        | 4.359      | VV       | 12575          | 139683       | 1.06%          | 0.040%        |
| 28        | 4.402       | 4.359        | 4.430      | VV       | 44488          | 942832       | 7.16%          | 0.271%        |
| 29        | 4.448       | 4.430        | 4.474      | VV       | 53007          | 793857       | 6.03%          | 0.229%        |
| 30        | 4.508       | 4.474        | 4.534      | VV       | 402688         | 4417608      | 33.55%         | 1.272%        |
| 31        | 4.546       | 4.534        | 4.563      | VV       | 26284          | 347793       | 2.64%          | 0.100%        |
| 32        | 4.584       | 4.563        | 4.606      | VV       | 33705          | 525468       | 3.99%          | 0.151%        |
| 33        | 4.636       | 4.606        | 4.647      | VV       | 15780          | 324426       | 2.46%          | 0.093%        |
| 34        | 4.684       | 4.647        | 4.705      | VV       | 37970          | 1096202      | 8.33%          | 0.316%        |
| 35        | 4.718       | 4.705        | 4.743      | VV       | 42720          | 823532       | 6.26%          | 0.237%        |
| 36        | 4.759       | 4.743        | 4.773      | VV       | 46894          | 621394       | 4.72%          | 0.179%        |

|    |       |       |       |    | riteres |          |         |        |
|----|-------|-------|-------|----|---------|----------|---------|--------|
| 37 | 4.792 | 4.773 | 4.806 | VV | 133015  | 1467957  | 11.15%  | 0.423% |
| 38 | 4.816 | 4.806 | 4.835 | VV | 76497   | 1032985  |         |        |
| 39 | 4.851 | 4.835 | 4.883 | VV | 60673   | 1349012  | 10.74%  | 0.423% |
| 40 | 4.927 | 4.883 | 4.949 | VV | 177518  | 2971923  | 22.22%  | 0.423% |
| 41 | 4.970 | 4.949 | 4.994 | VV | 139216  | 2139733  | 16.66%  | 0.423% |
| 42 | 5.013 | 4.994 | 5.054 | VV | 115600  | 1909496  | 14.44%  | 0.423% |
| 43 | 5.089 | 5.054 | 5.104 | VV | 54101   | 958165   | 7.28%   | 0.276% |
| 44 | 5.121 | 5.104 | 5.138 | VV | 62107   | 913447   | 6.94%   | 0.263% |
| 45 | 5.148 | 5.138 | 5.163 | VV | 43687   | 533028   | 4.05%   | 0.153% |
| 46 | 5.184 | 5.163 | 5.200 | VV | 128015  | 1567764  | 11.91%  | 0.451% |
| 47 | 5.217 | 5.200 | 5.240 | VV | 156673  | 2019215  | 15.34%  | 0.581% |
| 48 | 5.260 | 5.240 | 5.281 | VV | 198555  | 2562631  | 19.46%  | 0.738% |
| 49 | 5.291 | 5.281 | 5.308 | VV | 63851   | 952606   | 7.24%   | 0.274% |
| 50 | 5.326 | 5.308 | 5.361 | VV | 176879  | 2359180  | 17.92%  | 0.679% |
| 51 | 5.391 | 5.361 | 5.404 | VV | 40670   | 754929   | 5.73%   | 0.217% |
| 52 | 5.425 | 5.404 | 5.439 | VV | 70709   | 1093245  | 8.30%   | 0.315% |
| 53 | 5.446 | 5.439 | 5.459 | VV | 52286   | 553075   | 4.20%   | 0.159% |
| 54 | 5.519 | 5.459 | 5.536 | VV | 72527   | 2572184  | 19.54%  | 0.741% |
| 55 | 5.548 | 5.536 | 5.574 | VV | 53274   | 1034357  | 7.86%   | 0.298% |
| 56 | 5.584 | 5.574 | 5.599 | VV | 46251   | 601943   | 4.57%   | 0.173% |
| 57 | 5.610 | 5.599 | 5.624 | VV | 36504   | 465562   | 3.54%   | 0.134% |
| 58 | 5.648 | 5.624 | 5.676 | VV | 912542  | 10091627 | 76.65%  | 2.906% |
| 59 | 5.687 | 5.676 | 5.705 | VV | 51672   | 724824   | 5.51%   | 0.209% |
| 60 | 5.721 | 5.705 | 5.752 | VV | 45344   | 961282   | 7.30%   | 0.277% |
| 61 | 5.772 | 5.752 | 5.784 | VV | 44415   | 706971   | 5.37%   | 0.204% |
| 62 | 5.829 | 5.784 | 5.885 | VV | 130872  | 4613676  | 35.04%  | 1.328% |
| 63 | 5.908 | 5.885 | 5.924 | VV | 82740   | 1342771  | 10.20%  | 0.387% |
| 64 | 5.952 | 5.924 | 5.989 | VV | 183384  | 3839378  | 29.16%  | 1.105% |
| 65 | 6.012 | 5.989 | 6.026 | VV | 98730   | 1425678  | 10.83%  | 0.411% |
| 66 | 6.035 | 6.026 | 6.049 | VV | 74176   | 857955   | 6.52%   | 0.247% |
| 67 | 6.078 | 6.049 | 6.103 | VV | 76083   | 1707249  | 12.97%  | 0.492% |
| 68 | 6.124 | 6.103 | 6.144 | VV | 92805   | 1329629  | 10.10%  | 0.383% |
| 69 | 6.175 | 6.144 | 6.196 | VV | 115741  | 2014409  | 15.30%  | 0.580% |
| 70 | 6.236 | 6.196 | 6.257 | VV | 183381  | 3897615  | 29.60%  | 1.122% |
| 71 | 6.277 | 6.257 | 6.297 | VV | 191509  | 2530603  | 19.22%  | 0.729% |
| 72 | 6.322 | 6.297 | 6.347 | VV | 266886  | 3761703  | 28.57%  | 1.083% |
| 73 | 6.385 | 6.347 | 6.431 | VV | 234954  | 4732119  | 35.94%  | 1.363% |
| 74 | 6.468 | 6.431 | 6.485 | VV | 81639   | 1967737  | 14.95%  | 0.567% |
| 75 | 6.501 | 6.485 | 6.528 | VV | 86831   | 1775890  | 13.49%  | 0.511% |
| 76 | 6.548 | 6.528 | 6.574 | VV | 104453  | 2061899  | 15.66%  | 0.594% |
| 77 | 6.597 | 6.574 | 6.610 | VV | 69943   | 1412364  | 10.73%  | 0.407% |
| 78 | 6.620 | 6.610 | 6.652 | VV | 66947   | 1546666  | 11.75%  | 0.445% |
| 79 | 6.681 | 6.652 | 6.726 | VV | 1105865 | 13165656 | 100.00% | 3.791% |
| 80 | 6.739 | 6.726 | 6.746 | VV | 52270   | 576471   | 4.38%   | 0.166% |
| 81 | 6.769 | 6.746 | 6.783 | VV | 72568   | 1394687  | 10.59%  | 0.402% |
| 82 | 6.800 | 6.783 | 6.810 | VV | 95996   | 1257277  | 9.55%   | 0.362% |
| 83 | 6.831 | 6.810 | 6.853 | VV | 377929  | 4903768  | 37.25%  | 1.412% |
| 84 | 6.866 | 6.853 | 6.888 | VV | 113886  | 1890620  | 14.36%  | 0.544% |
| 85 | 6.902 | 6.888 | 6.940 | VV | 110000  | 2225450  | 16.90%  | 0.641% |
| 86 | 6.962 | 6.940 | 6.981 | VV | 103327  | 1855704  | 14.10%  | 0.534% |
| 87 | 7.003 | 6.981 | 7.030 | VV | 144715  | 2879020  | 21.87%  | 0.829% |
| 88 | 7.040 | 7.030 | 7.054 | VV | 86452   | 1028767  | 7.81%   | 0.296% |
| 89 | 7.071 | 7.054 | 7.115 | VV | 88937   | 2410880  | 18.31%  | 0.694% |

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|     |       |       |       |    |         |          |        |        |
|-----|-------|-------|-------|----|---------|----------|--------|--------|
| 90  | 7.146 | 7.115 | 7.164 | VV | 88130   | 1997301  | 15.17% | 0.575% |
| 91  | 7.206 | 7.164 | 7.227 | VV | 190776  | 4715017  | 39.17% | 0.575% |
| 92  | 7.250 | 7.227 | 7.273 | VV | 205762  | 3063925  | 23.17% | 0.575% |
| 93  | 7.296 | 7.273 | 7.324 | VV | 246420  | 3789851  | 28.17% | 0.575% |
| 94  | 7.354 | 7.324 | 7.374 | VV | 217010  | 3209586  | 24.17% | 0.575% |
| 95  | 7.397 | 7.374 | 7.433 | VV | 300715  | 4706443  | 35.17% | 0.575% |
| 96  | 7.452 | 7.433 | 7.474 | VV | 91443   | 1746253  | 13.26% | 0.503% |
| 97  | 7.496 | 7.474 | 7.514 | VV | 113774  | 1909877  | 14.51% | 0.550% |
| 98  | 7.541 | 7.514 | 7.555 | VV | 73979   | 1657584  | 12.59% | 0.477% |
| 99  | 7.583 | 7.555 | 7.597 | VV | 83589   | 1793085  | 13.62% | 0.516% |
| 100 | 7.627 | 7.597 | 7.651 | VV | 1076988 | 12216537 | 92.79% | 3.518% |
| 101 | 7.672 | 7.651 | 7.697 | VV | 76327   | 1829074  | 13.89% | 0.527% |
| 102 | 7.746 | 7.697 | 7.770 | VV | 94459   | 3461179  | 26.29% | 0.997% |
| 103 | 7.797 | 7.770 | 7.823 | VV | 158902  | 3175303  | 24.12% | 0.914% |
| 104 | 7.839 | 7.823 | 7.864 | VV | 74015   | 1419885  | 10.78% | 0.409% |
| 105 | 7.884 | 7.864 | 7.920 | VV | 76817   | 1988223  | 15.10% | 0.572% |
| 106 | 7.962 | 7.920 | 7.978 | VV | 120784  | 2786675  | 21.17% | 0.802% |
| 107 | 7.992 | 7.978 | 8.031 | VV | 91297   | 2007176  | 15.25% | 0.578% |
| 108 | 8.052 | 8.031 | 8.064 | VV | 85849   | 1305804  | 9.92%  | 0.376% |
| 109 | 8.083 | 8.064 | 8.096 | VV | 144452  | 2076642  | 15.77% | 0.598% |
| 110 | 8.107 | 8.096 | 8.127 | VV | 129736  | 1696235  | 12.88% | 0.488% |
| 111 | 8.150 | 8.127 | 8.171 | VV | 143652  | 2298375  | 17.46% | 0.662% |
| 112 | 8.196 | 8.171 | 8.219 | VV | 197874  | 3097766  | 23.53% | 0.892% |
| 113 | 8.252 | 8.219 | 8.275 | VV | 148802  | 2899492  | 22.02% | 0.835% |
| 114 | 8.291 | 8.275 | 8.300 | VV | 56685   | 757341   | 5.75%  | 0.218% |
| 115 | 8.323 | 8.300 | 8.348 | VV | 251496  | 3548080  | 26.95% | 1.022% |
| 116 | 8.369 | 8.348 | 8.393 | VV | 67981   | 1567480  | 11.91% | 0.451% |
| 117 | 8.411 | 8.393 | 8.431 | VV | 76784   | 1342515  | 10.20% | 0.387% |
| 118 | 8.464 | 8.431 | 8.476 | VV | 64468   | 1638720  | 12.45% | 0.472% |
| 119 | 8.506 | 8.476 | 8.533 | VV | 756813  | 9135707  | 69.39% | 2.631% |
| 120 | 8.551 | 8.533 | 8.574 | VV | 89389   | 1642206  | 12.47% | 0.473% |
| 121 | 8.599 | 8.574 | 8.633 | VV | 72008   | 2073864  | 15.75% | 0.597% |
| 122 | 8.656 | 8.633 | 8.681 | VV | 98983   | 2021288  | 15.35% | 0.582% |
| 123 | 8.694 | 8.681 | 8.731 | VV | 54615   | 1488462  | 11.31% | 0.429% |
| 124 | 8.748 | 8.731 | 8.766 | VV | 53957   | 973039   | 7.39%  | 0.280% |
| 125 | 8.794 | 8.766 | 8.819 | VV | 57033   | 1514406  | 11.50% | 0.436% |
| 126 | 8.860 | 8.819 | 8.896 | VV | 79145   | 2625964  | 19.95% | 0.756% |
| 127 | 8.923 | 8.896 | 8.939 | VV | 82023   | 1712363  | 13.01% | 0.493% |
| 128 | 8.955 | 8.939 | 8.977 | VV | 100138  | 1588920  | 12.07% | 0.458% |
| 129 | 8.996 | 8.977 | 9.012 | VV | 84593   | 1281945  | 9.74%  | 0.369% |
| 130 | 9.042 | 9.012 | 9.069 | VV | 262293  | 3979153  | 30.22% | 1.146% |
| 131 | 9.093 | 9.069 | 9.142 | VV | 88653   | 2148429  | 16.32% | 0.619% |
| 132 | 9.165 | 9.142 | 9.173 | VV | 39745   | 663090   | 5.04%  | 0.191% |
| 133 | 9.189 | 9.173 | 9.236 | VV | 49278   | 1440782  | 10.94% | 0.415% |
| 134 | 9.268 | 9.236 | 9.288 | VV | 50653   | 1319402  | 10.02% | 0.380% |
| 135 | 9.329 | 9.288 | 9.381 | VV | 442079  | 6534272  | 49.63% | 1.881% |
| 136 | 9.412 | 9.381 | 9.436 | VV | 51306   | 1236040  | 9.39%  | 0.356% |
| 137 | 9.455 | 9.436 | 9.497 | VV | 35692   | 1120436  | 8.51%  | 0.323% |
| 138 | 9.531 | 9.497 | 9.543 | VV | 29069   | 727816   | 5.53%  | 0.210% |
| 139 | 9.562 | 9.543 | 9.594 | VV | 32626   | 875231   | 6.65%  | 0.252% |
| 140 | 9.628 | 9.594 | 9.648 | VV | 30842   | 907097   | 6.89%  | 0.261% |
| 141 | 9.657 | 9.648 | 9.674 | VV | 24941   | 368895   | 2.80%  | 0.106% |

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Manual IntegrationsAPPROVED

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|     |        |        |        |       |        |         |        |        |
|-----|--------|--------|--------|-------|--------|---------|--------|--------|
|     |        |        |        |       |        |         |        |        |
|     |        |        |        | rters |        |         |        |        |
| 142 | 9.704  | 9.674  | 9.735  | VV    | 77085  | 1759290 | 13.36% | 0.507% |
| 143 | 9.747  | 9.735  | 9.761  | VV    | 36869  | 509665  |        |        |
| 144 | 9.787  | 9.761  | 9.811  | VV    | 53820  | 1156048 |        |        |
| 145 | 9.833  | 9.811  | 9.852  | VV    | 52917  | 906122  |        |        |
|     |        |        |        |       |        |         |        |        |
| 146 | 9.864  | 9.852  | 9.873  | VV    | 35657  | 421798  |        |        |
| 147 | 9.886  | 9.873  | 9.914  | VV    | 42352  | 717432  |        |        |
| 148 | 9.945  | 9.914  | 9.981  | VV    | 19040  | 711810  | 5.41%  | 0.205% |
| 149 | 10.021 | 9.981  | 10.037 | VV    | 20726  | 603626  | 4.58%  | 0.174% |
| 150 | 10.062 | 10.037 | 10.083 | VV    | 34379  | 742778  | 5.64%  | 0.214% |
|     |        |        |        |       |        |         |        |        |
| 151 | 10.108 | 10.083 | 10.151 | VV    | 205057 | 2831955 | 21.51% | 0.815% |
| 152 | 10.173 | 10.151 | 10.256 | VV    | 22386  | 1228058 | 9.33%  | 0.354% |
| 153 | 10.281 | 10.256 | 10.300 | VV    | 16294  | 400398  | 3.04%  | 0.115% |
| 154 | 10.320 | 10.300 | 10.361 | VV    | 16954  | 564373  | 4.29%  | 0.163% |
| 155 | 10.383 | 10.361 | 10.408 | VV    | 16322  | 400003  | 3.04%  | 0.115% |
|     |        |        |        |       |        |         |        |        |
| 156 | 10.454 | 10.408 | 10.467 | VV    | 22903  | 576754  | 4.38%  | 0.166% |
| 157 | 10.495 | 10.467 | 10.525 | VV    | 70481  | 1273754 | 9.67%  | 0.367% |
| 158 | 10.545 | 10.525 | 10.565 | VV    | 19909  | 401222  | 3.05%  | 0.116% |
| 159 | 10.585 | 10.565 | 10.617 | VV    | 21462  | 493924  | 3.75%  | 0.142% |
| 160 | 10.640 | 10.617 | 10.668 | VV    | 20966  | 441630  | 3.35%  | 0.127% |
|     |        |        |        |       |        |         |        |        |
| 161 | 10.684 | 10.668 | 10.708 | VV    | 10624  | 241753  | 1.84%  | 0.070% |
| 162 | 10.776 | 10.708 | 10.803 | VV    | 13681  | 635096  | 4.82%  | 0.183% |
| 163 | 10.846 | 10.803 | 10.884 | VV    | 69975  | 1211563 | 9.20%  | 0.349% |
| 164 | 10.917 | 10.884 | 10.948 | VV    | 61924  | 1109208 | 8.43%  | 0.319% |
| 165 | 10.960 | 10.948 | 10.996 | VV    | 12603  | 314555  | 2.39%  | 0.091% |
|     |        |        |        |       |        |         |        |        |
| 166 | 11.033 | 10.996 | 11.088 | VV    | 9843   | 510712  | 3.88%  | 0.147% |
| 167 | 11.107 | 11.088 | 11.141 | VV    | 9557   | 283524  | 2.15%  | 0.082% |
| 168 | 11.183 | 11.141 | 11.204 | VV    | 11878  | 404053  | 3.07%  | 0.116% |
| 169 | 11.237 | 11.204 | 11.280 | VV    | 15937  | 506205  | 3.84%  | 0.146% |
| 170 | 11.300 | 11.280 | 11.337 | VV    | 10619  | 311828  | 2.37%  | 0.090% |
|     |        |        |        |       |        |         |        |        |
| 171 | 11.352 | 11.337 | 11.390 | VV    | 9861   | 273521  | 2.08%  | 0.079% |
| 172 | 11.402 | 11.390 | 11.432 | VV    | 8064   | 190439  | 1.45%  | 0.055% |
| 173 | 11.482 | 11.432 | 11.509 | VV    | 8360   | 365244  | 2.77%  | 0.105% |
| 174 | 11.547 | 11.509 | 11.602 | VV    | 27759  | 684635  | 5.20%  | 0.197% |
| 175 | 11.638 | 11.602 | 11.686 | VV    | 27542  | 643286  | 4.89%  | 0.185% |
|     |        |        |        |       |        |         |        |        |
| 176 | 11.703 | 11.686 | 11.728 | VV    | 7381   | 174206  | 1.32%  | 0.050% |
| 177 | 11.746 | 11.728 | 11.764 | VV    | 7141   | 147174  | 1.12%  | 0.042% |
| 178 | 11.844 | 11.764 | 11.885 | VV    | 8742   | 543211  | 4.13%  | 0.156% |
| 179 | 11.915 | 11.885 | 11.925 | VV    | 7396   | 165481  | 1.26%  | 0.048% |
| 180 | 11.945 | 11.925 | 11.968 | VV    | 8834   | 198068  | 1.50%  | 0.057% |
|     |        |        |        |       |        |         |        |        |
| 181 | 11.984 | 11.968 | 12.011 | VV    | 7393   | 180131  | 1.37%  | 0.052% |
| 182 | 12.033 | 12.011 | 12.084 | VV    | 7649   | 295440  | 2.24%  | 0.085% |
| 183 | 12.101 | 12.084 | 12.133 | VV    | 6898   | 190580  | 1.45%  | 0.055% |
| 184 | 12.216 | 12.133 | 12.272 | VV    | 18416  | 744765  | 5.66%  | 0.214% |
| 185 | 12.288 | 12.272 | 12.304 | VV    | 6522   | 122350  | 0.93%  | 0.035% |
|     |        |        |        |       |        |         |        |        |
| 186 | 12.325 | 12.304 | 12.336 | VV    | 6734   | 124015  | 0.94%  | 0.036% |
| 187 | 12.346 | 12.336 | 12.390 | VV    | 6619   | 194865  | 1.48%  | 0.056% |
| 188 | 12.418 | 12.390 | 12.465 | VV    | 6269   | 262674  | 2.00%  | 0.076% |
| 189 | 12.495 | 12.465 | 12.542 | VV    | 6696   | 284720  | 2.16%  | 0.082% |
| 190 | 12.553 | 12.542 | 12.563 | VV    | 5730   | 72868   | 0.55%  | 0.021% |
|     |        |        |        |       |        |         |        |        |
| 191 | 12.598 | 12.563 | 12.611 | VV    | 6273   | 167821  | 1.27%  | 0.048% |
| 192 | 12.628 | 12.611 | 12.663 | VV    | 6864   | 190222  | 1.44%  | 0.055% |
| 193 | 12.681 | 12.663 | 12.696 | VV    | 5947   | 109771  | 0.83%  | 0.032% |
| 194 | 12.717 | 12.696 | 12.758 | VV    | 5986   | 207099  | 1.57%  | 0.060% |

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|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 195 | 12.779 | 12.758 | 12.818 | VV | 6348  | 209430  |       |        |
| 196 | 12.856 | 12.818 | 12.901 | VV | 13530 | 370575  |       |        |
| 197 | 12.918 | 12.901 | 12.947 | VV | 5625  | 146383  |       |        |
| 198 | 12.963 | 12.947 | 12.982 | VV | 5334  | 110544  |       |        |
| 199 | 13.001 | 12.982 | 13.058 | VV | 5446  | 219978  |       |        |
| 200 | 13.075 | 13.058 | 13.091 | VV | 4659  | 89608   |       |        |
| 201 | 13.111 | 13.091 | 13.168 | VV | 5234  | 223317  | 1.70% | 0.064% |
| 202 | 13.181 | 13.168 | 13.195 | VV | 4852  | 77247   | 0.59% | 0.022% |
| 203 | 13.215 | 13.195 | 13.234 | VV | 4967  | 110033  | 0.84% | 0.032% |
| 204 | 13.302 | 13.234 | 13.337 | VV | 60971 | 1007063 | 7.65% | 0.290% |
| 205 | 13.348 | 13.337 | 13.388 | VV | 7225  | 185572  | 1.41% | 0.053% |
| 206 | 13.402 | 13.388 | 13.440 | VV | 5055  | 149274  | 1.13% | 0.043% |
| 207 | 13.467 | 13.440 | 13.495 | VV | 8387  | 196125  | 1.49% | 0.056% |
| 208 | 13.510 | 13.495 | 13.551 | VV | 4858  | 155147  | 1.18% | 0.045% |
| 209 | 13.564 | 13.551 | 13.618 | VV | 4319  | 167931  | 1.28% | 0.048% |
| 210 | 13.633 | 13.618 | 13.658 | VV | 4259  | 97956   | 0.74% | 0.028% |
| 211 | 13.693 | 13.658 | 13.722 | VV | 4909  | 166043  | 1.26% | 0.048% |
| 212 | 13.740 | 13.722 | 13.768 | VV | 4431  | 116745  | 0.89% | 0.034% |
| 213 | 13.776 | 13.768 | 13.804 | VV | 4154  | 85558   | 0.65% | 0.025% |
| 214 | 13.850 | 13.804 | 13.866 | VV | 4078  | 150930  | 1.15% | 0.043% |
| 215 | 13.895 | 13.866 | 13.929 | VV | 4409  | 157531  | 1.20% | 0.045% |
| 216 | 13.964 | 13.929 | 13.987 | VV | 4349  | 139106  | 1.06% | 0.040% |
| 217 | 14.000 | 13.987 | 14.026 | VV | 4069  | 92339   | 0.70% | 0.027% |
| 218 | 14.053 | 14.026 | 14.087 | VV | 6682  | 173822  | 1.32% | 0.050% |
| 219 | 14.106 | 14.087 | 14.128 | VV | 4097  | 94904   | 0.72% | 0.027% |
| 220 | 14.138 | 14.128 | 14.161 | VV | 3796  | 73354   | 0.56% | 0.021% |
| 221 | 14.201 | 14.161 | 14.222 | VV | 3684  | 133231  | 1.01% | 0.038% |
| 222 | 14.236 | 14.222 | 14.248 | VV | 3579  | 53899   | 0.41% | 0.016% |
| 223 | 14.285 | 14.248 | 14.328 | VV | 4301  | 187397  | 1.42% | 0.054% |
| 224 | 14.344 | 14.328 | 14.393 | VV | 3741  | 139670  | 1.06% | 0.040% |
| 225 | 14.430 | 14.393 | 14.444 | VV | 3812  | 112112  | 0.85% | 0.032% |
| 226 | 14.478 | 14.444 | 14.540 | VV | 3808  | 211872  | 1.61% | 0.061% |
| 227 | 14.566 | 14.540 | 14.590 | VV | 3746  | 109234  | 0.83% | 0.031% |
| 228 | 14.615 | 14.590 | 14.653 | VV | 4956  | 149882  | 1.14% | 0.043% |
| 229 | 14.684 | 14.653 | 14.709 | VV | 3893  | 123054  | 0.93% | 0.035% |
| 230 | 14.739 | 14.709 | 14.794 | VV | 3916  | 187821  | 1.43% | 0.054% |
| 231 | 14.810 | 14.794 | 14.824 | VV | 3551  | 63409   | 0.48% | 0.018% |
| 232 | 14.872 | 14.824 | 14.882 | VV | 3746  | 127065  | 0.97% | 0.037% |
| 233 | 14.902 | 14.882 | 14.944 | VV | 3783  | 135034  | 1.03% | 0.039% |
| 234 | 14.968 | 14.944 | 14.993 | VV | 3643  | 107130  | 0.81% | 0.031% |
| 235 | 15.003 | 14.993 | 15.030 | VH | 3761  | 79683   | 0.61% | 0.023% |
| 236 | 15.065 | 15.030 | 15.088 | HH | 3668  | 126321  | 0.96% | 0.036% |
| 237 | 15.110 | 15.088 | 15.130 | HH | 4071  | 97213   | 0.74% | 0.028% |
| 238 | 15.154 | 15.130 | 15.254 | HH | 5167  | 301649  | 2.29% | 0.087% |
| 239 | 15.290 | 15.254 | 15.304 | HH | 3871  | 112559  | 0.85% | 0.032% |
| 240 | 15.309 | 15.304 | 15.327 | HH | 3801  | 50870   | 0.39% | 0.015% |
| 241 | 15.345 | 15.327 | 15.377 | HH | 3830  | 112344  | 0.85% | 0.032% |
| 242 | 15.399 | 15.377 | 15.409 | HH | 3902  | 72551   | 0.55% | 0.021% |
| 243 | 15.415 | 15.409 | 15.444 | HH | 3838  | 80260   | 0.61% | 0.023% |
| 244 | 15.447 | 15.444 | 15.455 | HH | 3780  | 23400   | 0.18% | 0.007% |
| 245 | 15.503 | 15.455 | 15.548 | HH | 3881  | 212300  | 1.61% | 0.061% |
| 246 | 15.590 | 15.548 | 15.614 | HH | 4032  | 154051  | 1.17% | 0.044% |

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1.59% 0.060%

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|     |        |        |        |    |       |         |       |        |  |
|-----|--------|--------|--------|----|-------|---------|-------|--------|--|
|     |        |        |        |    |       |         |       |        |  |
|     |        |        |        |    | rters |         |       |        |  |
| 247 | 15.636 | 15.614 | 15.649 | HH | 4020  | 81434   | 0.62% | 0.023% |  |
| 248 | 15.674 | 15.649 | 15.782 | HH | 4720  | 334461  |       |        |  |
| 249 | 15.806 | 15.782 | 15.891 | HH | 4070  | 259442  |       |        |  |
| 250 | 15.900 | 15.891 | 15.916 | HH | 4044  | 60772   |       |        |  |
|     |        |        |        |    |       |         |       |        |  |
| 251 | 15.990 | 15.916 | 16.035 | HH | 4436  | 297115  |       |        |  |
| 252 | 16.046 | 16.035 | 16.072 | HH | 4210  | 93662   |       |        |  |
| 253 | 16.135 | 16.072 | 16.151 | HH | 4540  | 201177  | 1.53% | 0.058% |  |
| 254 | 16.174 | 16.151 | 16.254 | HH | 5430  | 288747  | 2.19% | 0.083% |  |
| 255 | 16.311 | 16.254 | 16.332 | HH | 4459  | 204349  | 1.55% | 0.059% |  |
|     |        |        |        |    |       |         |       |        |  |
| 256 | 16.378 | 16.332 | 16.402 | HH | 4661  | 189836  | 1.44% | 0.055% |  |
| 257 | 16.416 | 16.402 | 16.425 | HH | 4517  | 60529   | 0.46% | 0.017% |  |
| 258 | 16.488 | 16.425 | 16.535 | HH | 4730  | 303934  | 2.31% | 0.088% |  |
| 259 | 16.543 | 16.535 | 16.584 | HH | 4720  | 136502  | 1.04% | 0.039% |  |
| 260 | 16.656 | 16.584 | 16.682 | HH | 5653  | 292553  | 2.22% | 0.084% |  |
|     |        |        |        |    |       |         |       |        |  |
| 261 | 16.696 | 16.682 | 16.709 | HH | 4923  | 79429   | 0.60% | 0.023% |  |
| 262 | 16.738 | 16.709 | 16.792 | HH | 4971  | 242420  | 1.84% | 0.070% |  |
| 263 | 16.819 | 16.792 | 16.849 | HH | 5186  | 171453  | 1.30% | 0.049% |  |
| 264 | 16.871 | 16.849 | 16.880 | HH | 5214  | 96669   | 0.73% | 0.028% |  |
| 265 | 16.889 | 16.880 | 16.907 | HH | 5252  | 85040   | 0.65% | 0.024% |  |
|     |        |        |        |    |       |         |       |        |  |
| 266 | 16.995 | 16.907 | 17.036 | HH | 5444  | 404869  | 3.08% | 0.117% |  |
| 267 | 17.122 | 17.036 | 17.171 | HH | 7207  | 467288  | 3.55% | 0.135% |  |
| 268 | 17.178 | 17.171 | 17.198 | HH | 5623  | 90103   | 0.68% | 0.026% |  |
| 269 | 17.221 | 17.198 | 17.268 | HH | 5716  | 236040  | 1.79% | 0.068% |  |
| 270 | 17.288 | 17.268 | 17.310 | HH | 5743  | 143665  | 1.09% | 0.041% |  |
|     |        |        |        |    |       |         |       |        |  |
| 271 | 17.362 | 17.310 | 17.390 | HH | 6425  | 287951  | 2.19% | 0.083% |  |
| 272 | 17.534 | 17.390 | 17.551 | HH | 6832  | 600026  | 4.56% | 0.173% |  |
| 273 | 17.574 | 17.551 | 17.641 | HH | 8092  | 369094  | 2.80% | 0.106% |  |
| 274 | 17.685 | 17.641 | 17.713 | HH | 6904  | 289532  | 2.20% | 0.083% |  |
| 275 | 17.775 | 17.713 | 17.818 | HH | 6811  | 417445  | 3.17% | 0.120% |  |
|     |        |        |        |    |       |         |       |        |  |
| 276 | 17.850 | 17.818 | 17.875 | HH | 6948  | 234773  | 1.78% | 0.068% |  |
| 277 | 17.905 | 17.875 | 17.914 | HH | 7054  | 162028  | 1.23% | 0.047% |  |
| 278 | 17.943 | 17.914 | 17.962 | HH | 7247  | 205662  | 1.56% | 0.059% |  |
| 279 | 18.008 | 17.962 | 18.048 | HH | 10089 | 417738  | 3.17% | 0.120% |  |
| 280 | 18.060 | 18.048 | 18.097 | HH | 7502  | 220831  | 1.68% | 0.064% |  |
|     |        |        |        |    |       |         |       |        |  |
| 281 | 18.149 | 18.097 | 18.168 | HH | 8884  | 341534  | 2.59% | 0.098% |  |
| 282 | 18.176 | 18.168 | 18.224 | HH | 8359  | 273665  | 2.08% | 0.079% |  |
| 283 | 18.281 | 18.224 | 18.314 | HH | 8138  | 428601  | 3.26% | 0.123% |  |
| 284 | 18.357 | 18.314 | 18.376 | HH | 8513  | 304827  | 2.32% | 0.088% |  |
| 285 | 18.430 | 18.376 | 18.460 | HH | 10997 | 462071  | 3.51% | 0.133% |  |
|     |        |        |        |    |       |         |       |        |  |
| 286 | 18.515 | 18.460 | 18.565 | HH | 10237 | 573663  | 4.36% | 0.165% |  |
| 287 | 18.582 | 18.565 | 18.606 | HH | 8987  | 217580  | 1.65% | 0.063% |  |
| 288 | 18.709 | 18.606 | 18.722 | HH | 9439  | 635115  | 4.82% | 0.183% |  |
| 289 | 18.840 | 18.722 | 18.894 | HH | 13302 | 1055485 | 8.02% | 0.304% |  |
| 290 | 18.901 | 18.894 | 18.908 | HH | 9934  | 78721   | 0.60% | 0.023% |  |
|     |        |        |        |    |       |         |       |        |  |
| 291 | 18.937 | 18.908 | 18.958 | HH | 10458 | 305730  | 2.32% | 0.088% |  |
| 292 | 18.985 | 18.958 | 19.010 | HH | 10616 | 327803  | 2.49% | 0.094% |  |
| 293 | 19.045 | 19.010 | 19.058 | HH | 10462 | 297042  | 2.26% | 0.086% |  |
| 294 | 19.125 | 19.058 | 19.138 | HH | 10985 | 515841  | 3.92% | 0.149% |  |
| 295 | 19.141 | 19.138 | 19.148 | HH | 10891 | 67392   | 0.51% | 0.019% |  |
|     |        |        |        |    |       |         |       |        |  |
| 296 | 19.237 | 19.148 | 19.288 | HH | 14072 | 986795  | 7.50% | 0.284% |  |
| 297 | 19.299 | 19.288 | 19.311 | HH | 11558 | 161715  | 1.23% | 0.047% |  |
| 298 | 19.355 | 19.311 | 19.382 | HH | 12050 | 507317  | 3.85% | 0.146% |  |
| 299 | 19.447 | 19.382 | 19.461 | HH | 12453 | 578742  | 4.40% | 0.167% |  |

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|                         |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 19.531 | 19.461 | 19.544 | HH | 12883     | 636099  | 4.83%  | 0.183% |
| 301                     | 19.622 | 19.544 | 19.684 | HH | 16422     | 1168359 | 8.15%  | 0.312% |
| 302                     | 19.745 | 19.684 | 19.761 | HH | 14359     | 641976  | 4.44%  | 0.222% |
| 303                     | 19.910 | 19.761 | 19.934 | HH | 15508     | 1540280 | 11.11% | 0.444% |
| 304                     | 19.998 | 19.934 | 20.025 | HH | 18205     | 889950  | 6.66%  | 0.259% |
| 305                     | 20.044 | 20.025 | 20.054 | HH | 16496     | 290386  | 2.22%  | 0.101% |
| 306                     | 20.062 | 20.054 | 20.068 | HH | 16426     | 137740  | 1.05%  | 0.040% |
| 307                     | 20.290 | 20.068 | 20.331 | HH | 20454     | 2874162 | 21.83% | 0.828% |
| 308                     | 20.362 | 20.331 | 20.394 | HH | 22011     | 782475  | 5.94%  | 0.225% |
| 309                     | 20.429 | 20.394 | 20.468 | HH | 20672     | 902453  | 6.85%  | 0.260% |
| 310                     | 20.717 | 20.468 | 20.760 | HH | 24717     | 3903158 | 29.65% | 1.124% |
| 311                     | 20.883 | 20.760 | 20.904 | HH | 25146     | 2098855 | 15.94% | 0.604% |
| 312                     | 20.947 | 20.904 | 20.968 | HH | 25422     | 966986  | 7.34%  | 0.278% |
| Sum of corrected areas: |        |        |        |    | 347298974 |         |        |        |

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