

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102618AL\  
 Data File : FC037137.D  
 Signal(s) : FID1A.CH  
 Acq On : 26 Oct 2018 21:35  
 Sample : J5665-03D  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 101718.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      | 3.267     | 3.222     | 3.279   | BV    | 5935        | 41600     | 1.33%       | 0.089%     |
| 2      | 3.290     | 3.279     | 3.303   | VV    | 4808        | 40695     | 1.30%       | 0.087%     |
| 3      | 3.315     | 3.303     | 3.332   | VV    | 3756        | 30617     | 0.98%       | 0.065%     |
| 4      | 3.353     | 3.332     | 3.393   | PV    | 2199        | 45517     | 1.46%       | 0.097%     |
| 5      | 3.405     | 3.393     | 3.416   | VV    | 695         | 5312      | 0.17%       | 0.011%     |
| 6      | 3.432     | 3.416     | 3.460   | VV    | 7986        | 86005     | 2.75%       | 0.184%     |
| 7      | 3.478     | 3.460     | 3.489   | VV    | 2228        | 24609     | 0.79%       | 0.053%     |
| 8      | 3.500     | 3.489     | 3.525   | VV    | 1730        | 28735     | 0.92%       | 0.061%     |
| 9      | 3.543     | 3.525     | 3.558   | VV    | 6183        | 66272     | 2.12%       | 0.142%     |
| 10     | 3.575     | 3.558     | 3.596   | VV    | 7992        | 89363     | 2.86%       | 0.191%     |
| 11     | 3.613     | 3.596     | 3.641   | VV    | 5746        | 76803     | 2.46%       | 0.164%     |
| 12     | 3.660     | 3.641     | 3.690   | VV    | 7797        | 98788     | 3.16%       | 0.211%     |
| 13     | 3.703     | 3.690     | 3.724   | VV    | 4104        | 38430     | 1.23%       | 0.082%     |
| 14     | 3.745     | 3.724     | 3.797   | VV    | 7187        | 111696    | 3.57%       | 0.239%     |
| 15     | 3.837     | 3.797     | 3.854   | PV    | 18904       | 222254    | 7.11%       | 0.475%     |
| 16     | 3.863     | 3.854     | 3.883   | VV    | 6781        | 88036     | 2.82%       | 0.188%     |
| 17     | 3.892     | 3.883     | 3.911   | VV    | 3624        | 47824     | 1.53%       | 0.102%     |
| 18     | 3.928     | 3.911     | 3.954   | VV    | 4372        | 57472     | 1.84%       | 0.123%     |
| 19     | 3.995     | 3.954     | 4.022   | VV    | 18298       | 201903    | 6.46%       | 0.431%     |
| 20     | 4.037     | 4.022     | 4.056   | VV    | 4008        | 52092     | 1.67%       | 0.111%     |
| 21     | 4.069     | 4.056     | 4.108   | VV    | 2118        | 39199     | 1.25%       | 0.084%     |
| 22     | 4.147     | 4.108     | 4.168   | VV    | 2369        | 48680     | 1.56%       | 0.104%     |
| 23     | 4.184     | 4.168     | 4.204   | VV    | 4792        | 52133     | 1.67%       | 0.111%     |
| 24     | 4.235     | 4.204     | 4.254   | VV    | 15477       | 164119    | 5.25%       | 0.351%     |
| 25     | 4.271     | 4.254     | 4.289   | VV    | 9016        | 87259     | 2.79%       | 0.186%     |
| 26     | 4.305     | 4.289     | 4.323   | VV    | 3669        | 44347     | 1.42%       | 0.095%     |
| 27     | 4.335     | 4.323     | 4.357   | VV    | 2118        | 28142     | 0.90%       | 0.060%     |
| 28     | 4.384     | 4.357     | 4.412   | VV    | 3628        | 71477     | 2.29%       | 0.153%     |
| 29     | 4.427     | 4.412     | 4.441   | VV    | 3652        | 41960     | 1.34%       | 0.090%     |
| 30     | 4.457     | 4.441     | 4.472   | VV    | 2464        | 37559     | 1.20%       | 0.080%     |
| 31     | 4.488     | 4.472     | 4.501   | VV    | 8305        | 79320     | 2.54%       | 0.170%     |
| 32     | 4.511     | 4.501     | 4.529   | VV    | 4817        | 50945     | 1.63%       | 0.109%     |
| 33     | 4.582     | 4.529     | 4.592   | VV    | 3045        | 71834     | 2.30%       | 0.154%     |
| 34     | 4.608     | 4.592     | 4.624   | VV    | 6082        | 72888     | 2.33%       | 0.156%     |
| 35     | 4.650     | 4.624     | 4.669   | VV    | 4370        | 79863     | 2.56%       | 0.171%     |
| 36     | 4.695     | 4.669     | 4.731   | VV    | 5970        | 94464     | 3.02%       | 0.202%     |

|    |        |        |        |    | rteres |        |         |         |
|----|--------|--------|--------|----|--------|--------|---------|---------|
| 37 | 4. 756 | 4. 731 | 4. 774 | VV | 3219   | 44304  | 1. 42%  | 0. 095% |
| 38 | 4. 787 | 4. 774 | 4. 806 | VV | 1081   | 15469  | 0. 50%  | 0. 033% |
| 39 | 4. 828 | 4. 806 | 4. 835 | VV | 1773   | 19051  | 0. 61%  | 0. 041% |
| 40 | 4. 869 | 4. 835 | 4. 897 | VV | 6072   | 103965 | 3. 33%  | 0. 222% |
| 41 | 4. 914 | 4. 897 | 4. 929 | VV | 4500   | 50919  | 1. 63%  | 0. 109% |
| 42 | 4. 944 | 4. 929 | 4. 957 | VV | 3990   | 43114  | 1. 38%  | 0. 092% |
| 43 | 4. 973 | 4. 957 | 4. 986 | VV | 3243   | 39749  | 1. 27%  | 0. 085% |
| 44 | 4. 994 | 4. 986 | 5. 012 | VV | 2152   | 20921  | 0. 67%  | 0. 045% |
| 45 | 5. 025 | 5. 012 | 5. 044 | PV | 708    | 5963   | 0. 19%  | 0. 013% |
| 46 | 5. 063 | 5. 044 | 5. 077 | VV | 1390   | 17132  | 0. 55%  | 0. 037% |
| 47 | 5. 090 | 5. 077 | 5. 107 | VV | 1263   | 17079  | 0. 55%  | 0. 036% |
| 48 | 5. 133 | 5. 107 | 5. 174 | VV | 3838   | 76506  | 2. 45%  | 0. 164% |
| 49 | 5. 187 | 5. 174 | 5. 204 | VV | 830    | 12771  | 0. 41%  | 0. 027% |
| 50 | 5. 214 | 5. 204 | 5. 227 | VV | 563    | 5177   | 0. 17%  | 0. 011% |
| 51 | 5. 268 | 5. 227 | 5. 320 | PV | 15862  | 238189 | 7. 62%  | 0. 509% |
| 52 | 5. 336 | 5. 320 | 5. 369 | VV | 1109   | 17012  | 0. 54%  | 0. 036% |
| 53 | 5. 385 | 5. 369 | 5. 415 | PV | 964    | 13079  | 0. 42%  | 0. 028% |
| 54 | 5. 444 | 5. 415 | 5. 484 | VV | 3009   | 62725  | 2. 01%  | 0. 134% |
| 55 | 5. 504 | 5. 484 | 5. 524 | VV | 1693   | 31443  | 1. 01%  | 0. 067% |
| 56 | 5. 543 | 5. 524 | 5. 551 | VV | 4183   | 48087  | 1. 54%  | 0. 103% |
| 57 | 5. 558 | 5. 551 | 5. 581 | VV | 4082   | 46949  | 1. 50%  | 0. 100% |
| 58 | 5. 594 | 5. 581 | 5. 617 | VV | 2863   | 36525  | 1. 17%  | 0. 078% |
| 59 | 5. 633 | 5. 617 | 5. 645 | VV | 2252   | 25069  | 0. 80%  | 0. 054% |
| 60 | 5. 660 | 5. 645 | 5. 700 | VV | 2459   | 50406  | 1. 61%  | 0. 108% |
| 61 | 5. 719 | 5. 700 | 5. 742 | VV | 2013   | 37095  | 1. 19%  | 0. 079% |
| 62 | 5. 768 | 5. 742 | 5. 786 | VV | 2713   | 46403  | 1. 49%  | 0. 099% |
| 63 | 5. 804 | 5. 786 | 5. 880 | VV | 39117  | 473713 | 15. 16% | 1. 012% |
| 64 | 5. 905 | 5. 880 | 5. 925 | VV | 4936   | 64323  | 2. 06%  | 0. 137% |
| 65 | 5. 948 | 5. 925 | 5. 961 | VV | 2902   | 45801  | 1. 47%  | 0. 098% |
| 66 | 5. 969 | 5. 961 | 6. 009 | VV | 2753   | 60632  | 1. 94%  | 0. 130% |
| 67 | 6. 063 | 6. 009 | 6. 089 | VV | 4119   | 108333 | 3. 47%  | 0. 232% |
| 68 | 6. 103 | 6. 089 | 6. 114 | VV | 1775   | 23651  | 0. 76%  | 0. 051% |
| 69 | 6. 154 | 6. 114 | 6. 178 | VV | 4010   | 97199  | 3. 11%  | 0. 208% |
| 70 | 6. 188 | 6. 178 | 6. 224 | VV | 2499   | 56432  | 1. 81%  | 0. 121% |
| 71 | 6. 245 | 6. 224 | 6. 299 | VV | 11528  | 160638 | 5. 14%  | 0. 343% |
| 72 | 6. 326 | 6. 299 | 6. 336 | VV | 1733   | 27604  | 0. 88%  | 0. 059% |
| 73 | 6. 392 | 6. 336 | 6. 452 | VV | 7994   | 222374 | 7. 12%  | 0. 475% |
| 74 | 6. 464 | 6. 452 | 6. 476 | VV | 1200   | 14251  | 0. 46%  | 0. 030% |
| 75 | 6. 488 | 6. 476 | 6. 500 | VV | 1359   | 17671  | 0. 57%  | 0. 038% |
| 76 | 6. 516 | 6. 500 | 6. 536 | VV | 2485   | 33208  | 1. 06%  | 0. 071% |
| 77 | 6. 560 | 6. 536 | 6. 587 | VV | 4499   | 76999  | 2. 46%  | 0. 165% |
| 78 | 6. 594 | 6. 587 | 6. 605 | VV | 1824   | 18121  | 0. 58%  | 0. 039% |
| 79 | 6. 630 | 6. 605 | 6. 646 | VV | 3260   | 62301  | 1. 99%  | 0. 133% |
| 80 | 6. 656 | 6. 646 | 6. 681 | VV | 2309   | 41248  | 1. 32%  | 0. 088% |
| 81 | 6. 703 | 6. 681 | 6. 731 | VV | 1997   | 51163  | 1. 64%  | 0. 109% |
| 82 | 6. 762 | 6. 731 | 6. 782 | VV | 2543   | 61960  | 1. 98%  | 0. 132% |
| 83 | 6. 797 | 6. 782 | 6. 826 | VV | 2761   | 46372  | 1. 48%  | 0. 099% |
| 84 | 6. 853 | 6. 826 | 6. 915 | VV | 55532  | 681156 | 21. 80% | 1. 456% |
| 85 | 6. 942 | 6. 915 | 6. 964 | VV | 14753  | 196330 | 6. 28%  | 0. 420% |
| 86 | 6. 986 | 6. 964 | 7. 029 | VV | 51515  | 593276 | 18. 99% | 1. 268% |
| 87 | 7. 039 | 7. 029 | 7. 089 | VV | 2474   | 68673  | 2. 20%  | 0. 147% |
| 88 | 7. 105 | 7. 089 | 7. 118 | VV | 2794   | 36096  | 1. 16%  | 0. 077% |
| 89 | 7. 136 | 7. 118 | 7. 146 | VV | 4911   | 59073  | 1. 89%  | 0. 126% |

|     |         |        |         |    | rteres |        |         |         |
|-----|---------|--------|---------|----|--------|--------|---------|---------|
| 90  | 7. 163  | 7. 146 | 7. 186  | VV | 12618  | 154921 | 4. 96%  | 0. 331% |
| 91  | 7. 199  | 7. 186 | 7. 217  | VV | 2635   | 42268  | 1. 35%  | 0. 090% |
| 92  | 7. 235  | 7. 217 | 7. 269  | VV | 3684   | 71788  | 2. 30%  | 0. 153% |
| 93  | 7. 287  | 7. 269 | 7. 311  | VV | 1604   | 34367  | 1. 10%  | 0. 073% |
| 94  | 7. 336  | 7. 311 | 7. 359  | VV | 4794   | 76474  | 2. 45%  | 0. 163% |
| 95  | 7. 381  | 7. 359 | 7. 397  | VV | 2043   | 35178  | 1. 13%  | 0. 075% |
| 96  | 7. 408  | 7. 397 | 7. 424  | VV | 1516   | 21928  | 0. 70%  | 0. 047% |
| 97  | 7. 578  | 7. 543 | 7. 607  | VV | 10932  | 203361 | 6. 51%  | 0. 435% |
| 98  | 7. 626  | 7. 607 | 7. 654  | VV | 3336   | 82725  | 2. 65%  | 0. 177% |
| 99  | 7. 663  | 7. 654 | 7. 675  | VV | 2119   | 25980  | 0. 83%  | 0. 056% |
| 100 | 7. 729  | 7. 675 | 7. 767  | VV | 13131  | 290691 | 9. 30%  | 0. 621% |
| 101 | 7. 780  | 7. 767 | 7. 806  | VV | 3357   | 58949  | 1. 89%  | 0. 126% |
| 102 | 7. 845  | 7. 806 | 7. 893  | VV | 15759  | 405977 | 12. 99% | 0. 868% |
| 103 | 7. 943  | 7. 893 | 7. 958  | VV | 40979  | 499656 | 15. 99% | 1. 068% |
| 104 | 7. 970  | 7. 958 | 7. 992  | VV | 28764  | 323916 | 10. 37% | 0. 692% |
| 105 | 8. 006  | 7. 992 | 8. 013  | VV | 6506   | 68491  | 2. 19%  | 0. 146% |
| 106 | 8. 028  | 8. 013 | 8. 049  | VV | 12825  | 162040 | 5. 19%  | 0. 346% |
| 107 | 8. 085  | 8. 049 | 8. 156  | VV | 31658  | 716472 | 22. 93% | 1. 531% |
| 108 | 8. 175  | 8. 156 | 8. 193  | VV | 5979   | 78714  | 2. 52%  | 0. 168% |
| 109 | 8. 214  | 8. 193 | 8. 247  | VV | 9602   | 135903 | 4. 35%  | 0. 290% |
| 110 | 8. 265  | 8. 247 | 8. 289  | VV | 3445   | 51763  | 1. 66%  | 0. 111% |
| 111 | 8. 470  | 8. 426 | 8. 493  | VV | 13169  | 232544 | 7. 44%  | 0. 497% |
| 112 | 8. 530  | 8. 493 | 8. 545  | VV | 7147   | 173696 | 5. 56%  | 0. 371% |
| 113 | 8. 562  | 8. 545 | 8. 596  | VV | 14436  | 212152 | 6. 79%  | 0. 453% |
| 114 | 8. 610  | 8. 596 | 8. 626  | VV | 4507   | 61417  | 1. 97%  | 0. 131% |
| 115 | 8. 658  | 8. 626 | 8. 673  | VV | 9061   | 141578 | 4. 53%  | 0. 303% |
| 116 | 8. 691  | 8. 673 | 8. 715  | VV | 13637  | 178511 | 5. 71%  | 0. 381% |
| 117 | 8. 730  | 8. 715 | 8. 747  | VV | 3913   | 54688  | 1. 75%  | 0. 117% |
| 118 | 8. 782  | 8. 747 | 8. 811  | VV | 5474   | 132396 | 4. 24%  | 0. 283% |
| 119 | 8. 827  | 8. 811 | 8. 835  | VV | 13154  | 137180 | 4. 39%  | 0. 293% |
| 120 | 8. 847  | 8. 835 | 8. 857  | VV | 14919  | 165708 | 5. 30%  | 0. 354% |
| 121 | 8. 867  | 8. 857 | 8. 916  | VV | 14578  | 205245 | 6. 57%  | 0. 439% |
| 122 | 8. 944  | 8. 916 | 8. 956  | VV | 1802   | 26248  | 0. 84%  | 0. 056% |
| 123 | 8. 981  | 8. 956 | 8. 998  | VV | 16528  | 191162 | 6. 12%  | 0. 409% |
| 124 | 9. 013  | 8. 998 | 9. 052  | VV | 11757  | 163841 | 5. 24%  | 0. 350% |
| 125 | 9. 063  | 9. 052 | 9. 077  | VV | 1454   | 18011  | 0. 58%  | 0. 038% |
| 126 | 9. 115  | 9. 077 | 9. 174  | VV | 19083  | 317662 | 10. 17% | 0. 679% |
| 127 | 9. 220  | 9. 174 | 9. 249  | VV | 9134   | 158532 | 5. 07%  | 0. 339% |
| 128 | 9. 276  | 9. 249 | 9. 331  | VV | 27430  | 396397 | 12. 69% | 0. 847% |
| 129 | 9. 349  | 9. 331 | 9. 363  | VV | 4064   | 59406  | 1. 90%  | 0. 127% |
| 130 | 9. 402  | 9. 363 | 9. 424  | VV | 8257   | 181188 | 5. 80%  | 0. 387% |
| 131 | 9. 442  | 9. 424 | 9. 462  | VV | 3211   | 52831  | 1. 69%  | 0. 113% |
| 132 | 9. 476  | 9. 462 | 9. 497  | VV | 2955   | 47590  | 1. 52%  | 0. 102% |
| 133 | 9. 518  | 9. 497 | 9. 559  | VV | 13077  | 216688 | 6. 94%  | 0. 463% |
| 134 | 9. 569  | 9. 559 | 9. 589  | VV | 4614   | 62475  | 2. 00%  | 0. 134% |
| 135 | 9. 619  | 9. 589 | 9. 659  | VV | 24485  | 371760 | 11. 90% | 0. 794% |
| 136 | 9. 677  | 9. 659 | 9. 695  | VV | 7262   | 92643  | 2. 97%  | 0. 198% |
| 137 | 9. 716  | 9. 695 | 9. 747  | VV | 4843   | 91667  | 2. 93%  | 0. 196% |
| 138 | 9. 780  | 9. 747 | 9. 859  | VV | 3799   | 94823  | 3. 03%  | 0. 203% |
| 139 | 9. 898  | 9. 859 | 9. 913  | PV | 1605   | 29196  | 0. 93%  | 0. 062% |
| 140 | 9. 937  | 9. 913 | 9. 974  | VV | 5855   | 76296  | 2. 44%  | 0. 163% |
| 141 | 10. 005 | 9. 974 | 10. 027 | VV | 7314   | 113251 | 3. 62%  | 0. 242% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.048 | 10.027 | 10.057 | VV | 5851   | 78446   | 2.51%   | 0.168% |
| 143 | 10.068 | 10.057 | 10.096 | VV | 6496   | 106625  | 3.41%   | 0.228% |
| 144 | 10.115 | 10.096 | 10.161 | VV | 6864   | 139880  | 4.48%   | 0.299% |
| 145 | 10.190 | 10.161 | 10.224 | VV | 6376   | 127174  | 4.07%   | 0.272% |
| 146 | 10.248 | 10.224 | 10.297 | VV | 8083   | 174517  | 5.59%   | 0.373% |
| 147 | 10.357 | 10.297 | 10.377 | VV | 25805  | 410148  | 13.13%  | 0.877% |
| 148 | 10.393 | 10.377 | 10.403 | VV | 8572   | 105079  | 3.36%   | 0.225% |
| 149 | 10.426 | 10.403 | 10.474 | VV | 23867  | 454337  | 14.54%  | 0.971% |
| 150 | 10.490 | 10.474 | 10.507 | VV | 7593   | 93717   | 3.00%   | 0.200% |
| 151 | 10.521 | 10.507 | 10.541 | VV | 3559   | 54671   | 1.75%   | 0.117% |
| 152 | 10.555 | 10.541 | 10.565 | VV | 3528   | 40500   | 1.30%   | 0.087% |
| 153 | 10.586 | 10.565 | 10.641 | VV | 31421  | 421137  | 13.48%  | 0.900% |
| 154 | 10.667 | 10.641 | 10.706 | VV | 3568   | 79318   | 2.54%   | 0.170% |
| 155 | 10.726 | 10.706 | 10.752 | VV | 2871   | 53092   | 1.70%   | 0.113% |
| 156 | 10.774 | 10.752 | 10.791 | VV | 3124   | 45793   | 1.47%   | 0.098% |
| 157 | 10.807 | 10.791 | 10.826 | VV | 2401   | 34987   | 1.12%   | 0.075% |
| 158 | 10.837 | 10.826 | 10.857 | VV | 1420   | 21816   | 0.70%   | 0.047% |
| 159 | 10.879 | 10.857 | 10.922 | VV | 6991   | 145920  | 4.67%   | 0.312% |
| 160 | 10.951 | 10.922 | 10.966 | VV | 3414   | 67278   | 2.15%   | 0.144% |
| 161 | 10.982 | 10.966 | 11.009 | VV | 5021   | 93108   | 2.98%   | 0.199% |
| 162 | 11.054 | 11.009 | 11.074 | VV | 11896  | 206033  | 6.59%   | 0.440% |
| 163 | 11.107 | 11.074 | 11.129 | VV | 6959   | 153652  | 4.92%   | 0.328% |
| 164 | 11.143 | 11.129 | 11.164 | VV | 4557   | 65905   | 2.11%   | 0.141% |
| 165 | 11.189 | 11.164 | 11.210 | VV | 6844   | 102967  | 3.30%   | 0.220% |
| 166 | 11.234 | 11.210 | 11.259 | VV | 6623   | 110933  | 3.55%   | 0.237% |
| 167 | 11.277 | 11.259 | 11.298 | VV | 4211   | 55109   | 1.76%   | 0.118% |
| 168 | 11.317 | 11.298 | 11.327 | VV | 1530   | 14933   | 0.48%   | 0.032% |
| 169 | 11.357 | 11.327 | 11.400 | VV | 263682 | 3124416 | 100.00% | 6.677% |
| 170 | 11.417 | 11.400 | 11.457 | VV | 24987  | 343931  | 11.01%  | 0.735% |
| 171 | 11.492 | 11.457 | 11.512 | VV | 5069   | 124424  | 3.98%   | 0.266% |
| 172 | 11.532 | 11.512 | 11.549 | VV | 26091  | 302062  | 9.67%   | 0.646% |
| 173 | 11.564 | 11.549 | 11.624 | VV | 19577  | 293156  | 9.38%   | 0.627% |
| 174 | 11.720 | 11.624 | 11.741 | VV | 13723  | 282855  | 9.05%   | 0.604% |
| 175 | 11.755 | 11.741 | 11.769 | VV | 4780   | 64409   | 2.06%   | 0.138% |
| 176 | 11.780 | 11.769 | 11.800 | VV | 3597   | 46556   | 1.49%   | 0.099% |
| 177 | 11.857 | 11.800 | 11.878 | VV | 8566   | 164323  | 5.26%   | 0.351% |
| 178 | 11.885 | 11.878 | 11.899 | VV | 3375   | 38290   | 1.23%   | 0.082% |
| 179 | 11.916 | 11.899 | 11.967 | VV | 4999   | 88759   | 2.84%   | 0.190% |
| 180 | 11.998 | 11.967 | 12.021 | VV | 4428   | 76673   | 2.45%   | 0.164% |
| 181 | 12.032 | 12.021 | 12.049 | VV | 2528   | 34476   | 1.10%   | 0.074% |
| 182 | 12.058 | 12.049 | 12.070 | VV | 2554   | 28630   | 0.92%   | 0.061% |
| 183 | 12.126 | 12.070 | 12.152 | VV | 5605   | 179365  | 5.74%   | 0.383% |
| 184 | 12.175 | 12.152 | 12.215 | VV | 9424   | 208852  | 6.68%   | 0.446% |
| 185 | 12.281 | 12.215 | 12.301 | VV | 24346  | 430939  | 13.79%  | 0.921% |
| 186 | 12.317 | 12.301 | 12.330 | VV | 13464  | 182871  | 5.85%   | 0.391% |
| 187 | 12.349 | 12.330 | 12.375 | VV | 16452  | 296284  | 9.48%   | 0.633% |
| 188 | 12.394 | 12.375 | 12.469 | VV | 15174  | 293523  | 9.39%   | 0.627% |
| 189 | 12.495 | 12.469 | 12.536 | VV | 3463   | 83736   | 2.68%   | 0.179% |
| 190 | 12.557 | 12.536 | 12.572 | VV | 5474   | 74953   | 2.40%   | 0.160% |
| 191 | 12.581 | 12.572 | 12.594 | VV | 4220   | 46366   | 1.48%   | 0.099% |
| 192 | 12.613 | 12.594 | 12.665 | VV | 7637   | 177967  | 5.70%   | 0.380% |
| 193 | 12.688 | 12.665 | 12.709 | VV | 9563   | 132048  | 4.23%   | 0.282% |
| 194 | 12.727 | 12.709 | 12.753 | VV | 3982   | 72678   | 2.33%   | 0.155% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.798 | 12.753 | 12.826 | VV | 164256 | 2062663 | 66.02% | 4.408% |
| 196 | 12.836 | 12.826 | 12.845 | VV | 4696   | 51983   | 1.66%  | 0.111% |
| 197 | 12.867 | 12.845 | 12.924 | VV | 8077   | 187051  | 5.99%  | 0.400% |
| 198 | 12.966 | 12.924 | 13.004 | PV | 15427  | 265059  | 8.48%  | 0.566% |
| 199 | 13.025 | 13.004 | 13.059 | VV | 8834   | 128215  | 4.10%  | 0.274% |
| 200 | 13.085 | 13.059 | 13.101 | PV | 8702   | 117738  | 3.77%  | 0.252% |
| 201 | 13.116 | 13.101 | 13.179 | VV | 8605   | 210251  | 6.73%  | 0.449% |
| 202 | 13.196 | 13.179 | 13.212 | VV | 4158   | 55548   | 1.78%  | 0.119% |
| 203 | 13.242 | 13.212 | 13.254 | VV | 4510   | 90584   | 2.90%  | 0.194% |
| 204 | 13.277 | 13.254 | 13.330 | VV | 16078  | 313565  | 10.04% | 0.670% |
| 205 | 13.348 | 13.330 | 13.366 | VV | 3489   | 55068   | 1.76%  | 0.118% |
| 206 | 13.387 | 13.366 | 13.405 | VV | 7171   | 116692  | 3.73%  | 0.249% |
| 207 | 13.422 | 13.405 | 13.441 | VV | 7043   | 103438  | 3.31%  | 0.221% |
| 208 | 13.456 | 13.441 | 13.491 | VV | 4915   | 85900   | 2.75%  | 0.184% |
| 209 | 13.550 | 13.491 | 13.577 | VV | 18343  | 369441  | 11.82% | 0.790% |
| 210 | 13.593 | 13.577 | 13.654 | VV | 7955   | 143487  | 4.59%  | 0.307% |
| 211 | 13.673 | 13.654 | 13.696 | VV | 2006   | 30528   | 0.98%  | 0.065% |
| 212 | 13.730 | 13.696 | 13.757 | VV | 3190   | 53057   | 1.70%  | 0.113% |
| 213 | 13.788 | 13.757 | 13.806 | VV | 3427   | 65001   | 2.08%  | 0.139% |
| 214 | 13.825 | 13.806 | 13.851 | VV | 5574   | 87092   | 2.79%  | 0.186% |
| 215 | 13.862 | 13.851 | 13.874 | VV | 1707   | 19115   | 0.61%  | 0.041% |
| 216 | 13.892 | 13.874 | 13.914 | VV | 2292   | 34199   | 1.09%  | 0.073% |
| 217 | 13.929 | 13.914 | 13.941 | VV | 1349   | 17363   | 0.56%  | 0.037% |
| 218 | 13.972 | 13.941 | 13.996 | VV | 9969   | 206795  | 6.62%  | 0.442% |
| 219 | 14.011 | 13.996 | 14.049 | VV | 12493  | 193928  | 6.21%  | 0.414% |
| 220 | 14.111 | 14.049 | 14.162 | VV | 17987  | 386442  | 12.37% | 0.826% |
| 221 | 14.184 | 14.162 | 14.228 | VV | 7765   | 202938  | 6.50%  | 0.434% |
| 222 | 14.250 | 14.228 | 14.269 | VV | 7383   | 114344  | 3.66%  | 0.244% |
| 223 | 14.318 | 14.269 | 14.349 | VV | 5576   | 174695  | 5.59%  | 0.373% |
| 224 | 14.368 | 14.349 | 14.394 | VV | 4423   | 84172   | 2.69%  | 0.180% |
| 225 | 14.408 | 14.394 | 14.444 | VV | 3779   | 71972   | 2.30%  | 0.154% |
| 226 | 14.457 | 14.444 | 14.471 | VV | 2014   | 24207   | 0.77%  | 0.052% |
| 227 | 14.493 | 14.471 | 14.520 | VV | 3345   | 66675   | 2.13%  | 0.142% |
| 228 | 14.562 | 14.520 | 14.580 | VV | 7096   | 146725  | 4.70%  | 0.314% |
| 229 | 14.600 | 14.580 | 14.622 | VV | 11384  | 152322  | 4.88%  | 0.326% |
| 230 | 14.648 | 14.622 | 14.689 | VV | 14570  | 271218  | 8.68%  | 0.580% |
| 231 | 14.706 | 14.689 | 14.726 | VV | 4793   | 88711   | 2.84%  | 0.190% |
| 232 | 14.742 | 14.726 | 14.774 | VV | 4894   | 114741  | 3.67%  | 0.245% |
| 233 | 14.788 | 14.774 | 14.831 | VV | 5278   | 119108  | 3.81%  | 0.255% |
| 234 | 14.867 | 14.831 | 14.914 | VV | 9699   | 254183  | 8.14%  | 0.543% |
| 235 | 14.932 | 14.914 | 14.956 | VV | 5035   | 95737   | 3.06%  | 0.205% |
| 236 | 15.037 | 14.956 | 15.091 | VV | 9707   | 442712  | 14.17% | 0.946% |
| 237 | 15.107 | 15.091 | 15.132 | VV | 3821   | 82893   | 2.65%  | 0.177% |
| 238 | 15.166 | 15.132 | 15.199 | VV | 13249  | 238446  | 7.63%  | 0.510% |
| 239 | 15.230 | 15.199 | 15.251 | VV | 15270  | 233343  | 7.47%  | 0.499% |
| 240 | 15.268 | 15.251 | 15.306 | VV | 8698   | 145766  | 4.67%  | 0.312% |
| 241 | 15.342 | 15.306 | 15.362 | VV | 4226   | 95160   | 3.05%  | 0.203% |
| 242 | 15.396 | 15.362 | 15.451 | VV | 7967   | 240161  | 7.69%  | 0.513% |
| 243 | 15.508 | 15.451 | 15.530 | VV | 4310   | 158381  | 5.07%  | 0.338% |
| 244 | 15.553 | 15.530 | 15.574 | VV | 4295   | 78347   | 2.51%  | 0.167% |
| 245 | 15.600 | 15.574 | 15.639 | VV | 3609   | 101538  | 3.25%  | 0.217% |
| 246 | 15.665 | 15.639 | 15.692 | VV | 13446  | 189567  | 6.07%  | 0.405% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.730 | 15.692 | 15.779 | VV | 2841   | 73409  | 2.35% | 0.157% |
| 248 | 15.832 | 15.779 | 15.851 | PV | 4741   | 103550 | 3.31% | 0.221% |
| 249 | 15.865 | 15.851 | 15.884 | VV | 4235   | 66203  | 2.12% | 0.141% |
| 250 | 15.905 | 15.884 | 15.957 | VV | 5211   | 170873 | 5.47% | 0.365% |
| 251 | 15.979 | 15.957 | 16.000 | VV | 4694   | 83177  | 2.66% | 0.178% |
| 252 | 16.039 | 16.000 | 16.063 | VV | 6219   | 146721 | 4.70% | 0.314% |
| 253 | 16.110 | 16.063 | 16.128 | VV | 9367   | 184898 | 5.92% | 0.395% |
| 254 | 16.146 | 16.128 | 16.222 | VV | 13121  | 262399 | 8.40% | 0.561% |
| 255 | 16.251 | 16.222 | 16.265 | VV | 2746   | 45808  | 1.47% | 0.098% |
| 256 | 16.275 | 16.265 | 16.284 | VV | 2417   | 19086  | 0.61% | 0.041% |
| 257 | 16.306 | 16.284 | 16.332 | VV | 2037   | 38541  | 1.23% | 0.082% |
| 258 | 16.344 | 16.332 | 16.362 | PV | 1423   | 14300  | 0.46% | 0.031% |
| 259 | 16.431 | 16.362 | 16.466 | VV | 8200   | 181105 | 5.80% | 0.387% |
| 260 | 16.489 | 16.466 | 16.524 | VV | 5680   | 106700 | 3.42% | 0.228% |
| 261 | 16.547 | 16.524 | 16.563 | VV | 2139   | 38871  | 1.24% | 0.083% |
| 262 | 16.612 | 16.563 | 16.636 | VV | 13139  | 227321 | 7.28% | 0.486% |
| 263 | 16.649 | 16.636 | 16.677 | VV | 3525   | 61293  | 1.96% | 0.131% |
| 264 | 16.704 | 16.677 | 16.712 | VV | 3384   | 51292  | 1.64% | 0.110% |
| 265 | 16.731 | 16.712 | 16.766 | VV | 4474   | 94987  | 3.04% | 0.203% |
| 266 | 16.772 | 16.766 | 16.781 | VV | 2345   | 17612  | 0.56% | 0.038% |
| 267 | 16.802 | 16.781 | 16.822 | VV | 2833   | 55924  | 1.79% | 0.120% |
| 268 | 16.851 | 16.822 | 16.879 | VV | 4977   | 108998 | 3.49% | 0.233% |
| 269 | 16.889 | 16.879 | 16.936 | VV | 4076   | 78107  | 2.50% | 0.167% |
| 270 | 16.953 | 16.936 | 16.966 | VV | 2616   | 27572  | 0.88% | 0.059% |
| 271 | 16.991 | 16.966 | 17.034 | VV | 7753   | 180910 | 5.79% | 0.387% |
| 272 | 17.063 | 17.034 | 17.126 | VV | 11994  | 240179 | 7.69% | 0.513% |
| 273 | 17.152 | 17.126 | 17.177 | VV | 4613   | 77779  | 2.49% | 0.166% |
| 274 | 17.195 | 17.177 | 17.259 | VV | 3122   | 82917  | 2.65% | 0.177% |
| 275 | 17.267 | 17.259 | 17.284 | VV | 1478   | 13182  | 0.42% | 0.028% |
| 276 | 17.310 | 17.284 | 17.347 | PV | 2606   | 64156  | 2.05% | 0.137% |
| 277 | 17.370 | 17.347 | 17.391 | VV | 1894   | 31416  | 1.01% | 0.067% |
| 278 | 17.453 | 17.391 | 17.470 | VV | 5030   | 142269 | 4.55% | 0.304% |
| 279 | 17.495 | 17.470 | 17.565 | VV | 11061  | 265920 | 8.51% | 0.568% |
| 280 | 17.613 | 17.565 | 17.634 | VV | 6533   | 167044 | 5.35% | 0.357% |
| 281 | 17.657 | 17.634 | 17.680 | VV | 3611   | 73362  | 2.35% | 0.157% |
| 282 | 17.712 | 17.680 | 17.737 | VV | 3252   | 81810  | 2.62% | 0.175% |
| 283 | 17.772 | 17.737 | 17.780 | VV | 4386   | 76406  | 2.45% | 0.163% |
| 284 | 17.795 | 17.780 | 17.831 | VV | 5117   | 100510 | 3.22% | 0.215% |
| 285 | 17.872 | 17.831 | 17.890 | VV | 5210   | 121040 | 3.87% | 0.259% |
| 286 | 17.918 | 17.890 | 17.955 | VV | 11509  | 228096 | 7.30% | 0.487% |
| 287 | 17.979 | 17.955 | 18.001 | VV | 8343   | 146671 | 4.69% | 0.313% |
| 288 | 18.018 | 18.001 | 18.032 | VV | 4893   | 76482  | 2.45% | 0.163% |
| 289 | 18.051 | 18.032 | 18.089 | VV | 3520   | 86776  | 2.78% | 0.185% |
| 290 | 18.108 | 18.089 | 18.142 | VV | 3729   | 89106  | 2.85% | 0.190% |
| 291 | 18.150 | 18.142 | 18.162 | VV | 3483   | 29656  | 0.95% | 0.063% |
| 292 | 18.185 | 18.162 | 18.205 | VV | 3203   | 60150  | 1.93% | 0.129% |
| 293 | 18.266 | 18.205 | 18.286 | VV | 3694   | 112482 | 3.60% | 0.240% |
| 294 | 18.326 | 18.286 | 18.377 | VV | 7500   | 151480 | 4.85% | 0.324% |
| 295 | 18.403 | 18.377 | 18.424 | VV | 3865   | 65898  | 2.11% | 0.141% |
| 296 | 18.455 | 18.424 | 18.490 | VV | 5590   | 126525 | 4.05% | 0.270% |
| 297 | 18.545 | 18.490 | 18.563 | VV | 3271   | 87648  | 2.81% | 0.187% |
| 298 | 18.573 | 18.563 | 18.611 | VV | 2882   | 55840  | 1.79% | 0.119% |
| 299 | 18.622 | 18.611 | 18.654 | VV | 2312   | 42650  | 1.37% | 0.091% |

|                         |        |        |        |    | rteres |          |        |        |
|-------------------------|--------|--------|--------|----|--------|----------|--------|--------|
| 300                     | 18.724 | 18.654 | 18.762 | VV | 10619  | 348928   | 11.17% | 0.746% |
| 301                     | 18.797 | 18.762 | 18.871 | VV | 4780   | 193444   | 6.19%  | 0.413% |
| 302                     | 18.913 | 18.871 | 18.934 | VV | 3546   | 91132    | 2.92%  | 0.195% |
| 303                     | 18.962 | 18.934 | 18.977 | VV | 2262   | 42115    | 1.35%  | 0.090% |
| 304                     | 18.998 | 18.977 | 19.022 | VV | 2773   | 52228    | 1.67%  | 0.112% |
| 305                     | 19.038 | 19.022 | 19.047 | VV | 2668   | 31542    | 1.01%  | 0.067% |
| 306                     | 19.055 | 19.047 | 19.064 | VV | 2232   | 19444    | 0.62%  | 0.042% |
| 307                     | 19.106 | 19.064 | 19.166 | VV | 7440   | 245707   | 7.86%  | 0.525% |
| 308                     | 19.203 | 19.166 | 19.229 | VV | 4002   | 119771   | 3.83%  | 0.256% |
| 309                     | 19.243 | 19.229 | 19.262 | VV | 3308   | 58873    | 1.88%  | 0.126% |
| 310                     | 19.279 | 19.262 | 19.297 | VV | 4297   | 71888    | 2.30%  | 0.154% |
| 311                     | 19.332 | 19.297 | 19.342 | VV | 3918   | 87839    | 2.81%  | 0.188% |
| 312                     | 19.358 | 19.342 | 19.378 | VV | 3887   | 71975    | 2.30%  | 0.154% |
| 313                     | 19.394 | 19.378 | 19.413 | VV | 4314   | 73330    | 2.35%  | 0.157% |
| 314                     | 19.436 | 19.413 | 19.457 | VV | 4661   | 105096   | 3.36%  | 0.225% |
| 315                     | 19.481 | 19.457 | 19.534 | VV | 6918   | 232578   | 7.44%  | 0.497% |
| 316                     | 19.637 | 19.534 | 19.661 | VV | 6310   | 356484   | 11.41% | 0.762% |
| 317                     | 19.713 | 19.661 | 19.736 | VV | 7052   | 255841   | 8.19%  | 0.547% |
| 318                     | 19.742 | 19.736 | 19.756 | VV | 6176   | 71391    | 2.28%  | 0.153% |
| 319                     | 19.780 | 19.756 | 19.789 | VV | 6145   | 109052   | 3.49%  | 0.233% |
| 320                     | 19.809 | 19.789 | 19.817 | VV | 6054   | 91599    | 2.93%  | 0.196% |
| 321                     | 19.845 | 19.817 | 19.864 | VV | 8777   | 205487   | 6.58%  | 0.439% |
| 322                     | 19.904 | 19.864 | 19.924 | VV | 7780   | 258986   | 8.29%  | 0.553% |
| 323                     | 19.990 | 19.924 | 20.014 | VV | 13146  | 472724   | 15.13% | 1.010% |
| 324                     | 20.028 | 20.014 | 20.046 | VV | 8490   | 153060   | 4.90%  | 0.327% |
| 325                     | 20.065 | 20.046 | 20.082 | VV | 8548   | 176932   | 5.66%  | 0.378% |
| 326                     | 20.154 | 20.082 | 20.169 | VV | 9533   | 458807   | 14.68% | 0.981% |
| 327                     | 20.200 | 20.169 | 20.246 | VV | 12119  | 496593   | 15.89% | 1.061% |
| 328                     | 20.274 | 20.246 | 20.282 | VV | 11663  | 232789   | 7.45%  | 0.497% |
| 329                     | 20.299 | 20.282 | 20.307 | VV | 12305  | 172902   | 5.53%  | 0.370% |
| 330                     | 20.343 | 20.307 | 20.363 | VV | 13015  | 403366   | 12.91% | 0.862% |
| 331                     | 20.373 | 20.363 | 20.406 | VV | 12666  | 320111   | 10.25% | 0.684% |
| 332                     | 20.410 | 20.406 | 20.439 | VV | 12627  | 245051   | 7.84%  | 0.524% |
| Sum of corrected areas: |        |        |        |    |        | 46792307 |        |        |

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