

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060719AL\  
 Data File : FC041684.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Jun 2019 14:11  
 Sample : K3158-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 051519.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.553       | 3.529        | 3.577      | PV       | 95             | 1324         | 0.02%          | 0.000%        |
| 2         | 3.600       | 3.577        | 3.647      | PV       | 133            | 2996         | 0.04%          | 0.001%        |
| 3         | 3.689       | 3.647        | 3.716      | VV       | 130            | 3621         | 0.05%          | 0.001%        |
| 4         | 3.725       | 3.716        | 3.737      | VV       | 155            | 1118         | 0.02%          | 0.000%        |
| 5         | 3.780       | 3.737        | 3.806      | VV       | 386            | 6753         | 0.10%          | 0.002%        |
| 6         | 3.815       | 3.806        | 3.842      | VV       | 199            | 2331         | 0.03%          | 0.001%        |
| 7         | 3.870       | 3.842        | 3.891      | VV       | 382            | 6948         | 0.10%          | 0.002%        |
| 8         | 3.904       | 3.891        | 3.962      | VV       | 254            | 6069         | 0.09%          | 0.002%        |
| 9         | 3.985       | 3.962        | 4.022      | VV       | 312            | 5136         | 0.07%          | 0.002%        |
| 10        | 4.032       | 4.022        | 4.049      | VV       | 175            | 1791         | 0.03%          | 0.001%        |
| 11        | 4.066       | 4.049        | 4.107      | VV       | 302            | 5546         | 0.08%          | 0.002%        |
| 12        | 4.133       | 4.107        | 4.147      | PV       | 1285           | 12385        | 0.18%          | 0.004%        |
| 13        | 4.157       | 4.147        | 4.226      | VV       | 385            | 12682        | 0.18%          | 0.004%        |
| 14        | 4.254       | 4.226        | 4.274      | VV       | 251            | 5002         | 0.07%          | 0.001%        |
| 15        | 4.301       | 4.274        | 4.329      | PV       | 1706           | 26159        | 0.37%          | 0.008%        |
| 16        | 4.338       | 4.329        | 4.411      | VV       | 1086           | 23287        | 0.33%          | 0.007%        |
| 17        | 4.432       | 4.411        | 4.454      | VV       | 228            | 4192         | 0.06%          | 0.001%        |
| 18        | 4.465       | 4.454        | 4.502      | VV       | 204            | 3478         | 0.05%          | 0.001%        |
| 19        | 4.528       | 4.502        | 4.537      | VV       | 171            | 2779         | 0.04%          | 0.001%        |
| 20        | 4.554       | 4.537        | 4.577      | VV       | 373            | 5175         | 0.07%          | 0.002%        |
| 21        | 4.602       | 4.577        | 4.619      | VV       | 409            | 5397         | 0.08%          | 0.002%        |
| 22        | 4.629       | 4.619        | 4.673      | VV       | 276            | 5097         | 0.07%          | 0.002%        |
| 23        | 4.705       | 4.673        | 4.749      | VV       | 643            | 9427         | 0.13%          | 0.003%        |
| 24        | 4.777       | 4.749        | 4.825      | VV       | 2351           | 33512        | 0.48%          | 0.010%        |
| 25        | 4.843       | 4.825        | 4.871      | VV       | 308            | 5759         | 0.08%          | 0.002%        |
| 26        | 4.896       | 4.871        | 4.924      | VV       | 392            | 8233         | 0.12%          | 0.002%        |
| 27        | 4.931       | 4.924        | 4.954      | VV       | 332            | 4414         | 0.06%          | 0.001%        |
| 28        | 4.974       | 4.954        | 4.997      | VV       | 320            | 5771         | 0.08%          | 0.002%        |
| 29        | 5.010       | 4.997        | 5.024      | VV       | 302            | 3866         | 0.05%          | 0.001%        |
| 30        | 5.038       | 5.024        | 5.074      | VV       | 315            | 5511         | 0.08%          | 0.002%        |
| 31        | 5.090       | 5.074        | 5.109      | VV       | 221            | 3412         | 0.05%          | 0.001%        |
| 32        | 5.118       | 5.109        | 5.132      | VV       | 141            | 1659         | 0.02%          | 0.000%        |
| 33        | 5.150       | 5.132        | 5.170      | PV       | 186            | 2999         | 0.04%          | 0.001%        |
| 34        | 5.188       | 5.170        | 5.226      | VV       | 720            | 10157        | 0.14%          | 0.003%        |
| 35        | 5.248       | 5.226        | 5.266      | VV       | 663            | 8614         | 0.12%          | 0.003%        |
| 36        | 5.277       | 5.266        | 5.317      | VV       | 388            | 7936         | 0.11%          | 0.002%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 5.329 | 5.317 | 5.344 | VV | 261    | 2301   | 0.03% | 0.001% |
| 38 | 5.362 | 5.344 | 5.394 | VV | 916    | 14002  | 0.20% | 0.004% |
| 39 | 5.412 | 5.394 | 5.454 | VV | 869    | 14772  | 0.21% | 0.004% |
| 40 | 5.472 | 5.454 | 5.499 | VV | 372    | 7991   | 0.11% | 0.002% |
| 41 | 5.513 | 5.499 | 5.531 | VV | 385    | 5162   | 0.07% | 0.002% |
| 42 | 5.546 | 5.531 | 5.572 | VV | 370    | 5164   | 0.07% | 0.002% |
| 43 | 5.597 | 5.572 | 5.612 | PV | 784    | 11389  | 0.16% | 0.003% |
| 44 | 5.629 | 5.612 | 5.676 | VV | 1509   | 26348  | 0.37% | 0.008% |
| 45 | 5.686 | 5.676 | 5.719 | VV | 385    | 5814   | 0.08% | 0.002% |
| 46 | 5.730 | 5.719 | 5.739 | VV | 153    | 1263   | 0.02% | 0.000% |
| 47 | 5.784 | 5.739 | 5.816 | VV | 736    | 11201  | 0.16% | 0.003% |
| 48 | 5.825 | 5.816 | 5.837 | VV | 184    | 1417   | 0.02% | 0.000% |
| 49 | 5.861 | 5.837 | 5.871 | VV | 1135   | 12757  | 0.18% | 0.004% |
| 50 | 5.897 | 5.871 | 5.916 | VV | 1732   | 31532  | 0.45% | 0.009% |
| 51 | 5.929 | 5.916 | 5.951 | VV | 1162   | 15129  | 0.21% | 0.005% |
| 52 | 5.968 | 5.951 | 6.029 | VV | 434    | 14403  | 0.20% | 0.004% |
| 53 | 6.046 | 6.029 | 6.067 | VV | 380    | 5597   | 0.08% | 0.002% |
| 54 | 6.087 | 6.067 | 6.112 | VV | 790    | 13336  | 0.19% | 0.004% |
| 55 | 6.146 | 6.112 | 6.176 | VV | 12685  | 126773 | 1.80% | 0.038% |
| 56 | 6.191 | 6.176 | 6.211 | VV | 752    | 9456   | 0.13% | 0.003% |
| 57 | 6.230 | 6.211 | 6.260 | VV | 583    | 10803  | 0.15% | 0.003% |
| 58 | 6.283 | 6.260 | 6.304 | VV | 1257   | 13911  | 0.20% | 0.004% |
| 59 | 6.323 | 6.304 | 6.344 | VV | 537    | 8462   | 0.12% | 0.003% |
| 60 | 6.360 | 6.344 | 6.383 | VV | 477    | 8459   | 0.12% | 0.003% |
| 61 | 6.413 | 6.383 | 6.437 | VV | 1045   | 16597  | 0.24% | 0.005% |
| 62 | 6.455 | 6.437 | 6.477 | VV | 386    | 6005   | 0.09% | 0.002% |
| 63 | 6.517 | 6.477 | 6.547 | VV | 760    | 22031  | 0.31% | 0.007% |
| 64 | 6.567 | 6.547 | 6.626 | VV | 1175   | 24472  | 0.35% | 0.007% |
| 65 | 6.641 | 6.626 | 6.667 | VV | 406    | 7133   | 0.10% | 0.002% |
| 66 | 6.714 | 6.667 | 6.736 | VV | 823    | 16843  | 0.24% | 0.005% |
| 67 | 6.768 | 6.736 | 6.809 | VV | 765    | 14935  | 0.21% | 0.004% |
| 68 | 6.849 | 6.809 | 6.869 | VV | 765    | 12425  | 0.18% | 0.004% |
| 69 | 6.893 | 6.869 | 6.926 | PV | 1221   | 22506  | 0.32% | 0.007% |
| 70 | 6.943 | 6.926 | 6.957 | VV | 775    | 10770  | 0.15% | 0.003% |
| 71 | 6.975 | 6.957 | 6.996 | VV | 1369   | 18369  | 0.26% | 0.005% |
| 72 | 7.011 | 6.996 | 7.032 | VV | 743    | 11951  | 0.17% | 0.004% |
| 73 | 7.041 | 7.032 | 7.054 | VV | 492    | 5165   | 0.07% | 0.002% |
| 74 | 7.104 | 7.054 | 7.118 | VV | 1496   | 33656  | 0.48% | 0.010% |
| 75 | 7.148 | 7.118 | 7.169 | VV | 1283   | 33742  | 0.48% | 0.010% |
| 76 | 7.197 | 7.169 | 7.252 | VV | 21622  | 238518 | 3.38% | 0.071% |
| 77 | 7.291 | 7.252 | 7.309 | VV | 1793   | 36978  | 0.52% | 0.011% |
| 78 | 7.332 | 7.309 | 7.369 | VV | 28357  | 280073 | 3.97% | 0.083% |
| 79 | 7.379 | 7.369 | 7.405 | VV | 695    | 11498  | 0.16% | 0.003% |
| 80 | 7.424 | 7.405 | 7.439 | VV | 584    | 8680   | 0.12% | 0.003% |
| 81 | 7.485 | 7.439 | 7.523 | VV | 1758   | 40264  | 0.57% | 0.012% |
| 82 | 7.538 | 7.523 | 7.611 | VV | 603    | 21573  | 0.31% | 0.006% |
| 83 | 7.621 | 7.611 | 7.641 | VV | 605    | 4135   | 0.06% | 0.001% |
| 84 | 7.666 | 7.641 | 7.682 | VV | 815    | 13231  | 0.19% | 0.004% |
| 85 | 7.689 | 7.682 | 7.711 | VV | 609    | 8687   | 0.12% | 0.003% |
| 86 | 7.719 | 7.711 | 7.736 | VV | 470    | 5009   | 0.07% | 0.001% |
| 87 | 7.917 | 7.865 | 7.949 | VV | 3400   | 70878  | 1.01% | 0.021% |
| 88 | 7.959 | 7.949 | 7.989 | VV | 791    | 14397  | 0.20% | 0.004% |
| 89 | 8.016 | 7.989 | 8.033 | VV | 1198   | 19616  | 0.28% | 0.006% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.075  | 8.033  | 8.132  | VV | 4662   | 113782 | 1.61% | 0.034% |
| 91  | 8.184  | 8.132  | 8.227  | VV | 11410  | 266895 | 3.79% | 0.079% |
| 92  | 8.244  | 8.227  | 8.259  | VV | 1693   | 25240  | 0.36% | 0.008% |
| 93  | 8.289  | 8.259  | 8.304  | VV | 30492  | 326259 | 4.63% | 0.097% |
| 94  | 8.317  | 8.304  | 8.332  | VV | 17520  | 183389 | 2.60% | 0.055% |
| 95  | 8.344  | 8.332  | 8.387  | VV | 9207   | 123124 | 1.75% | 0.037% |
| 96  | 8.415  | 8.387  | 8.429  | VV | 14192  | 143389 | 2.03% | 0.043% |
| 97  | 8.446  | 8.429  | 8.456  | VV | 10165  | 130063 | 1.85% | 0.039% |
| 98  | 8.474  | 8.456  | 8.510  | VV | 39848  | 469880 | 6.67% | 0.140% |
| 99  | 8.527  | 8.510  | 8.543  | VV | 2053   | 28917  | 0.41% | 0.009% |
| 100 | 8.563  | 8.543  | 8.599  | VV | 7920   | 92943  | 1.32% | 0.028% |
| 101 | 8.608  | 8.599  | 8.624  | VV | 614    | 6859   | 0.10% | 0.002% |
| 102 | 8.717  | 8.701  | 8.742  | VV | 2712   | 40523  | 0.57% | 0.012% |
| 103 | 8.769  | 8.742  | 8.792  | VV | 25916  | 259625 | 3.68% | 0.077% |
| 104 | 8.811  | 8.792  | 8.854  | VV | 4784   | 84348  | 1.20% | 0.025% |
| 105 | 8.883  | 8.854  | 8.909  | VV | 3556   | 65177  | 0.92% | 0.019% |
| 106 | 8.927  | 8.909  | 8.942  | VV | 1564   | 22158  | 0.31% | 0.007% |
| 107 | 8.955  | 8.942  | 8.966  | VV | 1239   | 14306  | 0.20% | 0.004% |
| 108 | 9.003  | 8.966  | 9.021  | VV | 6486   | 95434  | 1.35% | 0.028% |
| 109 | 9.039  | 9.021  | 9.060  | VV | 14018  | 150204 | 2.13% | 0.045% |
| 110 | 9.077  | 9.060  | 9.098  | VV | 3425   | 52436  | 0.74% | 0.016% |
| 111 | 9.127  | 9.098  | 9.146  | VV | 3389   | 61272  | 0.87% | 0.018% |
| 112 | 9.172  | 9.146  | 9.194  | VV | 10760  | 125873 | 1.79% | 0.037% |
| 113 | 9.214  | 9.194  | 9.252  | VV | 11301  | 146270 | 2.08% | 0.044% |
| 114 | 9.270  | 9.252  | 9.299  | VV | 3745   | 48151  | 0.68% | 0.014% |
| 115 | 9.329  | 9.299  | 9.345  | VV | 10864  | 127505 | 1.81% | 0.038% |
| 116 | 9.360  | 9.345  | 9.380  | VV | 9596   | 97589  | 1.38% | 0.029% |
| 117 | 9.413  | 9.380  | 9.431  | VV | 7802   | 98563  | 1.40% | 0.029% |
| 118 | 9.465  | 9.431  | 9.487  | VV | 8654   | 129521 | 1.84% | 0.039% |
| 119 | 9.508  | 9.487  | 9.525  | VV | 7083   | 78087  | 1.11% | 0.023% |
| 120 | 9.548  | 9.525  | 9.599  | VV | 38412  | 481345 | 6.83% | 0.143% |
| 121 | 9.628  | 9.599  | 9.656  | VV | 7730   | 133851 | 1.90% | 0.040% |
| 122 | 9.669  | 9.656  | 9.678  | VV | 3784   | 37588  | 0.53% | 0.011% |
| 123 | 9.696  | 9.678  | 9.715  | VV | 9365   | 129177 | 1.83% | 0.038% |
| 124 | 9.724  | 9.715  | 9.739  | VV | 4225   | 47229  | 0.67% | 0.014% |
| 125 | 9.758  | 9.739  | 9.794  | VV | 6395   | 102988 | 1.46% | 0.031% |
| 126 | 9.809  | 9.794  | 9.844  | VV | 4984   | 69247  | 0.98% | 0.021% |
| 127 | 9.868  | 9.844  | 9.893  | VV | 8788   | 120582 | 1.71% | 0.036% |
| 128 | 9.916  | 9.893  | 9.930  | VV | 2971   | 48726  | 0.69% | 0.015% |
| 129 | 9.968  | 9.930  | 10.012 | VV | 9329   | 215002 | 3.05% | 0.064% |
| 130 | 10.032 | 10.012 | 10.052 | VV | 3053   | 44204  | 0.63% | 0.013% |
| 131 | 10.064 | 10.052 | 10.096 | VV | 1630   | 22445  | 0.32% | 0.007% |
| 132 | 10.126 | 10.096 | 10.154 | VV | 2589   | 43014  | 0.61% | 0.013% |
| 133 | 10.164 | 10.154 | 10.184 | VV | 1026   | 10590  | 0.15% | 0.003% |
| 134 | 10.233 | 10.184 | 10.269 | PV | 1223   | 28107  | 0.40% | 0.008% |
| 135 | 10.289 | 10.269 | 10.318 | VV | 4523   | 67229  | 0.95% | 0.020% |
| 136 | 10.337 | 10.318 | 10.361 | VV | 3124   | 45858  | 0.65% | 0.014% |
| 137 | 10.397 | 10.361 | 10.407 | VV | 6678   | 97441  | 1.38% | 0.029% |
| 138 | 10.425 | 10.407 | 10.448 | VV | 16463  | 218642 | 3.10% | 0.065% |
| 139 | 10.466 | 10.448 | 10.503 | VV | 13982  | 173857 | 2.47% | 0.052% |
| 140 | 10.543 | 10.503 | 10.573 | VV | 11098  | 186941 | 2.65% | 0.056% |
| 141 | 10.596 | 10.573 | 10.651 | VV | 18576  | 282009 | 4.00% | 0.084% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.682 | 10.651 | 10.697 | VV | 8089   | 117107  | 1.66%  | 0.035% |
| 143 | 10.712 | 10.697 | 10.725 | VV | 6952   | 85303   | 1.21%  | 0.025% |
| 144 | 10.751 | 10.725 | 10.787 | VV | 25210  | 367556  | 5.22%  | 0.109% |
| 145 | 10.814 | 10.787 | 10.831 | VV | 2957   | 56842   | 0.81%  | 0.017% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.843 | 10.831 | 10.860 | VV | 3661   | 42667   | 0.61%  | 0.013% |
| 147 | 10.873 | 10.860 | 10.894 | VV | 1724   | 27333   | 0.39%  | 0.008% |
| 148 | 10.950 | 10.894 | 10.989 | VV | 316341 | 3448667 | 48.93% | 1.027% |
| 149 | 11.022 | 10.989 | 11.063 | VV | 89026  | 991336  | 14.07% | 0.295% |
| 150 | 11.073 | 11.063 | 11.086 | VV | 2224   | 24498   | 0.35%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.099 | 11.086 | 11.121 | VV | 2211   | 29795   | 0.42%  | 0.009% |
| 152 | 11.131 | 11.121 | 11.145 | VV | 1282   | 15376   | 0.22%  | 0.005% |
| 153 | 11.154 | 11.145 | 11.170 | VV | 1022   | 9731    | 0.14%  | 0.003% |
| 154 | 11.190 | 11.170 | 11.208 | PV | 3489   | 36977   | 0.52%  | 0.011% |
| 155 | 11.229 | 11.208 | 11.274 | VV | 19432  | 272569  | 3.87%  | 0.081% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.305 | 11.274 | 11.322 | PV | 4400   | 85831   | 1.22%  | 0.026% |
| 157 | 11.339 | 11.322 | 11.360 | VV | 5418   | 85832   | 1.22%  | 0.026% |
| 158 | 11.383 | 11.360 | 11.403 | VV | 7288   | 106623  | 1.51%  | 0.032% |
| 159 | 11.436 | 11.403 | 11.443 | VV | 5035   | 87816   | 1.25%  | 0.026% |
| 160 | 11.471 | 11.443 | 11.509 | VV | 22270  | 362794  | 5.15%  | 0.108% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.541 | 11.509 | 11.564 | PV | 6832   | 108235  | 1.54%  | 0.032% |
| 162 | 11.597 | 11.564 | 11.616 | VV | 15340  | 199626  | 2.83%  | 0.059% |
| 163 | 11.635 | 11.616 | 11.659 | VV | 6339   | 91958   | 1.30%  | 0.027% |
| 164 | 11.710 | 11.659 | 11.731 | VV | 316648 | 3392435 | 48.14% | 1.010% |
| 165 | 11.747 | 11.731 | 11.762 | VV | 67516  | 734355  | 10.42% | 0.219% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.779 | 11.762 | 11.817 | VV | 80533  | 872742  | 12.38% | 0.260% |
| 167 | 11.864 | 11.817 | 11.880 | VV | 48401  | 799873  | 11.35% | 0.238% |
| 168 | 11.895 | 11.880 | 11.910 | VV | 47626  | 530389  | 7.53%  | 0.158% |
| 169 | 11.927 | 11.910 | 11.952 | VV | 57856  | 666525  | 9.46%  | 0.198% |
| 170 | 11.963 | 11.952 | 11.975 | VV | 1178   | 9251    | 0.13%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.998 | 11.975 | 12.015 | VV | 2850   | 35750   | 0.51%  | 0.011% |
| 172 | 12.051 | 12.015 | 12.073 | VV | 8772   | 153496  | 2.18%  | 0.046% |
| 173 | 12.101 | 12.073 | 12.121 | VV | 23337  | 288806  | 4.10%  | 0.086% |
| 174 | 12.143 | 12.121 | 12.170 | VV | 7646   | 138422  | 1.96%  | 0.041% |
| 175 | 12.180 | 12.170 | 12.189 | VV | 1416   | 13092   | 0.19%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.214 | 12.189 | 12.233 | VV | 26673  | 295876  | 4.20%  | 0.088% |
| 177 | 12.246 | 12.233 | 12.260 | VV | 7441   | 84668   | 1.20%  | 0.025% |
| 178 | 12.278 | 12.260 | 12.304 | VV | 10560  | 145832  | 2.07%  | 0.043% |
| 179 | 12.324 | 12.304 | 12.341 | VV | 1924   | 32840   | 0.47%  | 0.010% |
| 180 | 12.361 | 12.341 | 12.377 | VV | 5257   | 72886   | 1.03%  | 0.022% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.393 | 12.377 | 12.408 | VV | 5963   | 71242   | 1.01%  | 0.021% |
| 182 | 12.424 | 12.408 | 12.434 | VV | 5760   | 66786   | 0.95%  | 0.020% |
| 183 | 12.444 | 12.434 | 12.452 | VV | 5429   | 55108   | 0.78%  | 0.016% |
| 184 | 12.466 | 12.452 | 12.474 | VV | 7803   | 86504   | 1.23%  | 0.026% |
| 185 | 12.489 | 12.474 | 12.513 | VV | 11178  | 172584  | 2.45%  | 0.051% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.535 | 12.513 | 12.574 | VV | 25672  | 441319  | 6.26%  | 0.131% |
| 187 | 12.597 | 12.574 | 12.623 | PV | 17055  | 260709  | 3.70%  | 0.078% |
| 188 | 12.646 | 12.623 | 12.664 | VV | 59992  | 740524  | 10.51% | 0.220% |
| 189 | 12.684 | 12.664 | 12.701 | VV | 33207  | 502673  | 7.13%  | 0.150% |
| 190 | 12.709 | 12.701 | 12.731 | VV | 19343  | 236158  | 3.35%  | 0.070% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.767 | 12.731 | 12.805 | VV | 400435 | 4697863 | 66.66% | 1.399% |
| 192 | 12.823 | 12.805 | 12.840 | VV | 4030   | 39327   | 0.56%  | 0.012% |
| 193 | 12.859 | 12.840 | 12.872 | PV | 5080   | 58899   | 0.84%  | 0.018% |
| 194 | 12.898 | 12.872 | 12.932 | VV | 21087  | 421722  | 5.98%  | 0.126% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.950 | 12.932 | 12.987 | VV | 21297  | 426624  | 6.05%  | 0.127% |
| 196 | 13.004 | 12.987 | 13.033 | VV | 8113   | 165828  | 2.35%  | 0.049% |
| 197 | 13.066 | 13.033 | 13.095 | VV | 356432 | 4003591 | 56.81% | 1.192% |
| 198 | 13.136 | 13.095 | 13.212 | VV | 233580 | 3527650 | 50.06% | 1.050% |
| 199 | 13.231 | 13.212 | 13.244 | VV | 13378  | 161558  | 2.29%  | 0.048% |
| 200 | 13.255 | 13.244 | 13.279 | VV | 11683  | 147941  | 2.10%  | 0.044% |
| 201 | 13.299 | 13.279 | 13.309 | PV | 10163  | 108302  | 1.54%  | 0.032% |
| 202 | 13.326 | 13.309 | 13.369 | VV | 19521  | 389384  | 5.53%  | 0.116% |
| 203 | 13.390 | 13.369 | 13.431 | VV | 19663  | 308109  | 4.37%  | 0.092% |
| 204 | 13.453 | 13.431 | 13.469 | VV | 15928  | 196210  | 2.78%  | 0.058% |
| 205 | 13.482 | 13.469 | 13.495 | VV | 10770  | 138013  | 1.96%  | 0.041% |
| 206 | 13.517 | 13.495 | 13.542 | VV | 32493  | 504344  | 7.16%  | 0.150% |
| 207 | 13.559 | 13.542 | 13.590 | VV | 5797   | 104455  | 1.48%  | 0.031% |
| 208 | 13.646 | 13.590 | 13.687 | VV | 71381  | 1249165 | 17.72% | 0.372% |
| 209 | 13.712 | 13.687 | 13.729 | VV | 7303   | 123134  | 1.75%  | 0.037% |
| 210 | 13.754 | 13.729 | 13.774 | VV | 36155  | 463712  | 6.58%  | 0.138% |
| 211 | 13.794 | 13.774 | 13.817 | VV | 47046  | 567211  | 8.05%  | 0.169% |
| 212 | 13.835 | 13.817 | 13.857 | VV | 10651  | 173182  | 2.46%  | 0.052% |
| 213 | 13.881 | 13.857 | 13.897 | VV | 19550  | 298823  | 4.24%  | 0.089% |
| 214 | 13.924 | 13.897 | 13.945 | VV | 45648  | 652930  | 9.26%  | 0.194% |
| 215 | 13.964 | 13.945 | 13.994 | VV | 39083  | 460835  | 6.54%  | 0.137% |
| 216 | 14.034 | 13.994 | 14.057 | VV | 7108   | 120323  | 1.71%  | 0.036% |
| 217 | 14.117 | 14.057 | 14.139 | VV | 5033   | 138818  | 1.97%  | 0.041% |
| 218 | 14.150 | 14.139 | 14.160 | VV | 2495   | 24999   | 0.35%  | 0.007% |
| 219 | 14.172 | 14.160 | 14.189 | VV | 2335   | 26094   | 0.37%  | 0.008% |
| 220 | 14.203 | 14.189 | 14.210 | PV | 1819   | 14315   | 0.20%  | 0.004% |
| 221 | 14.228 | 14.210 | 14.244 | VV | 4091   | 55000   | 0.78%  | 0.016% |
| 222 | 14.260 | 14.244 | 14.296 | VV | 4256   | 100777  | 1.43%  | 0.030% |
| 223 | 14.345 | 14.296 | 14.360 | VV | 16271  | 350430  | 4.97%  | 0.104% |
| 224 | 14.379 | 14.360 | 14.421 | VV | 34533  | 515222  | 7.31%  | 0.153% |
| 225 | 14.446 | 14.421 | 14.464 | VV | 17754  | 281372  | 3.99%  | 0.084% |
| 226 | 14.483 | 14.464 | 14.524 | VV | 16094  | 338655  | 4.81%  | 0.101% |
| 227 | 14.559 | 14.524 | 14.578 | VV | 36000  | 617303  | 8.76%  | 0.184% |
| 228 | 14.585 | 14.578 | 14.600 | VV | 14659  | 154019  | 2.19%  | 0.046% |
| 229 | 14.623 | 14.600 | 14.644 | VV | 59884  | 784867  | 11.14% | 0.234% |
| 230 | 14.681 | 14.644 | 14.717 | VV | 37484  | 729727  | 10.35% | 0.217% |
| 231 | 14.744 | 14.717 | 14.764 | VV | 9972   | 162566  | 2.31%  | 0.048% |
| 232 | 14.805 | 14.764 | 14.861 | VV | 16095  | 419809  | 5.96%  | 0.125% |
| 233 | 14.886 | 14.861 | 14.903 | VV | 14979  | 199270  | 2.83%  | 0.059% |
| 234 | 14.935 | 14.903 | 14.956 | VV | 203748 | 2560062 | 36.33% | 0.762% |
| 235 | 14.978 | 14.956 | 15.006 | VV | 212555 | 2566366 | 36.42% | 0.764% |
| 236 | 15.022 | 15.006 | 15.049 | VV | 9934   | 151065  | 2.14%  | 0.045% |
| 237 | 15.094 | 15.049 | 15.150 | VV | 55279  | 1138955 | 16.16% | 0.339% |
| 238 | 15.168 | 15.150 | 15.204 | VV | 16357  | 299010  | 4.24%  | 0.089% |
| 239 | 15.235 | 15.204 | 15.260 | VV | 19753  | 447035  | 6.34%  | 0.133% |
| 240 | 15.276 | 15.260 | 15.331 | VV | 18019  | 473807  | 6.72%  | 0.141% |
| 241 | 15.365 | 15.331 | 15.435 | VV | 31285  | 1022118 | 14.50% | 0.304% |
| 242 | 15.445 | 15.435 | 15.462 | VV | 8121   | 106127  | 1.51%  | 0.032% |
| 243 | 15.503 | 15.462 | 15.541 | VV | 20967  | 538163  | 7.64%  | 0.160% |
| 244 | 15.561 | 15.541 | 15.577 | VV | 19693  | 298823  | 4.24%  | 0.089% |
| 245 | 15.605 | 15.577 | 15.625 | VV | 62754  | 937024  | 13.30% | 0.279% |
| 246 | 15.642 | 15.625 | 15.674 | VV | 33314  | 559153  | 7.93%  | 0.166% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.689 | 15.674 | 15.704 | VV | 17666  | 258266  | 3.66%  | 0.077% |
| 248    | 15.765 | 15.704 | 15.806 | VV | 39489  | 1420755 | 20.16% | 0.423% |
| 249    | 15.841 | 15.806 | 15.865 | VV | 20488  | 488744  | 6.94%  | 0.146% |
| 250    | 15.889 | 15.865 | 15.909 | VV | 12433  | 288742  | 4.10%  | 0.086% |
|        |        |        |        |    |        |         |        |        |
| 251    | 15.926 | 15.909 | 15.947 | VV | 18625  | 324280  | 4.60%  | 0.097% |
| 252    | 15.963 | 15.947 | 15.979 | VV | 17155  | 268496  | 3.81%  | 0.080% |
| 253    | 16.003 | 15.979 | 16.019 | VV | 26991  | 480519  | 6.82%  | 0.143% |
| 254    | 16.030 | 16.019 | 16.089 | VV | 20094  | 593632  | 8.42%  | 0.177% |
| 255    | 16.112 | 16.089 | 16.121 | VV | 12111  | 220181  | 3.12%  | 0.066% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.133 | 16.121 | 16.148 | VV | 12034  | 174426  | 2.48%  | 0.052% |
| 257    | 16.214 | 16.148 | 16.256 | VV | 24495  | 1073338 | 15.23% | 0.320% |
| 258    | 16.277 | 16.256 | 16.291 | VV | 24141  | 424984  | 6.03%  | 0.127% |
| 259    | 16.308 | 16.291 | 16.335 | VV | 24019  | 554666  | 7.87%  | 0.165% |
| 260    | 16.375 | 16.335 | 16.386 | VV | 30089  | 711338  | 10.09% | 0.212% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.408 | 16.386 | 16.446 | VV | 33052  | 959066  | 13.61% | 0.286% |
| 262    | 16.497 | 16.446 | 16.514 | VV | 238112 | 3913958 | 55.54% | 1.165% |
| 263    | 16.522 | 16.514 | 16.556 | VV | 114854 | 1415799 | 20.09% | 0.422% |
| 264    | 16.588 | 16.556 | 16.597 | VV | 21461  | 502852  | 7.14%  | 0.150% |
| 265    | 16.623 | 16.597 | 16.644 | VV | 64933  | 1135382 | 16.11% | 0.338% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.659 | 16.644 | 16.696 | VV | 30338  | 804314  | 11.41% | 0.239% |
| 267    | 16.714 | 16.696 | 16.729 | VV | 25980  | 477248  | 6.77%  | 0.142% |
| 268    | 16.745 | 16.729 | 16.754 | VV | 27605  | 380956  | 5.41%  | 0.113% |
| 269    | 16.817 | 16.754 | 16.843 | VV | 149214 | 3306510 | 46.92% | 0.985% |
| 270    | 16.876 | 16.843 | 16.908 | VV | 197722 | 3051005 | 43.29% | 0.908% |
|        |        |        |        |    |        |         |        |        |
| 271    | 16.974 | 16.908 | 17.009 | VV | 81064  | 2698578 | 38.29% | 0.804% |
| 272    | 17.021 | 17.009 | 17.049 | VV | 41440  | 846032  | 12.00% | 0.252% |
| 273    | 17.123 | 17.049 | 17.159 | VV | 43709  | 2416308 | 34.29% | 0.719% |
| 274    | 17.181 | 17.159 | 17.196 | VV | 38117  | 802948  | 11.39% | 0.239% |
| 275    | 17.234 | 17.196 | 17.267 | VV | 57229  | 1985607 | 28.17% | 0.591% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.276 | 17.267 | 17.302 | VV | 45500  | 843553  | 11.97% | 0.251% |
| 277    | 17.331 | 17.302 | 17.344 | VV | 41320  | 985397  | 13.98% | 0.293% |
| 278    | 17.397 | 17.344 | 17.431 | VV | 75035  | 2679451 | 38.02% | 0.798% |
| 279    | 17.455 | 17.431 | 17.474 | VV | 51422  | 1125544 | 15.97% | 0.335% |
| 280    | 17.486 | 17.474 | 17.507 | VV | 48668  | 866776  | 12.30% | 0.258% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.532 | 17.507 | 17.558 | VV | 63931  | 1558870 | 22.12% | 0.464% |
| 282    | 17.574 | 17.558 | 17.607 | VV | 47229  | 1307645 | 18.55% | 0.389% |
| 283    | 17.650 | 17.607 | 17.676 | VV | 43896  | 1751365 | 24.85% | 0.521% |
| 284    | 17.682 | 17.676 | 17.697 | VV | 42719  | 520470  | 7.39%  | 0.155% |
| 285    | 17.718 | 17.697 | 17.729 | VV | 44422  | 814861  | 11.56% | 0.243% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.765 | 17.729 | 17.781 | VV | 48217  | 1415795 | 20.09% | 0.422% |
| 287    | 17.838 | 17.781 | 17.891 | VV | 77002  | 3694132 | 52.42% | 1.100% |
| 288    | 17.930 | 17.891 | 17.943 | VV | 54866  | 1621499 | 23.01% | 0.483% |
| 289    | 17.970 | 17.943 | 17.984 | VV | 61057  | 1365522 | 19.38% | 0.407% |
| 290    | 18.005 | 17.984 | 18.079 | VV | 81071  | 3630970 | 51.52% | 1.081% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.094 | 18.079 | 18.124 | VV | 56982  | 1471974 | 20.89% | 0.438% |
| 292    | 18.151 | 18.124 | 18.175 | VV | 82911  | 2067786 | 29.34% | 0.616% |
| 293    | 18.197 | 18.175 | 18.215 | VV | 70553  | 1611662 | 22.87% | 0.480% |
| 294    | 18.246 | 18.215 | 18.311 | VV | 158791 | 5391264 | 76.50% | 1.605% |
| 295    | 18.324 | 18.311 | 18.344 | VV | 68564  | 1300901 | 18.46% | 0.387% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.373 | 18.344 | 18.392 | VV | 105597 | 2342753 | 33.24% | 0.698% |
| 297    | 18.407 | 18.392 | 18.460 | VV | 87135  | 2952196 | 41.89% | 0.879% |
| 298    | 18.501 | 18.460 | 18.550 | VV | 150725 | 4673827 | 66.32% | 1.392% |
| 299    | 18.577 | 18.550 | 18.594 | VV | 71652  | 1799156 | 25.53% | 0.536% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.601 | 18.594 | 18.609 | VV | 68264  | 595106  | 8.44%   | 0.177% |
| 301 | 18.631 | 18.609 | 18.649 | VV | 87905  | 1851043 | 26.27%  | 0.551% |
| 302 | 18.671 | 18.649 | 18.707 | VV | 87277  | 2625823 | 37.26%  | 0.782% |
| 303 | 18.751 | 18.707 | 18.758 | VV | 70906  | 2055843 | 29.17%  | 0.612% |
| 304 | 18.793 | 18.758 | 18.818 | VV | 87943  | 2757488 | 39.13%  | 0.821% |
| 305 | 18.842 | 18.818 | 18.886 | VV | 86404  | 3113132 | 44.17%  | 0.927% |
| 306 | 18.898 | 18.886 | 18.906 | VV | 73140  | 861649  | 12.23%  | 0.257% |
| 307 | 18.929 | 18.906 | 18.959 | VV | 83648  | 2506454 | 35.57%  | 0.746% |
| 308 | 18.965 | 18.959 | 18.991 | VV | 80211  | 1472412 | 20.89%  | 0.438% |
| 309 | 19.017 | 18.991 | 19.041 | VV | 87980  | 2501295 | 35.49%  | 0.745% |
| 310 | 19.069 | 19.041 | 19.104 | VV | 104728 | 3426610 | 48.62%  | 1.020% |
| 311 | 19.124 | 19.104 | 19.149 | VV | 88072  | 2234585 | 31.71%  | 0.665% |
| 312 | 19.186 | 19.149 | 19.241 | VV | 94662  | 4728242 | 67.09%  | 1.408% |
| 313 | 19.262 | 19.241 | 19.277 | VV | 83558  | 1787082 | 25.36%  | 0.532% |
| 314 | 19.331 | 19.277 | 19.339 | VV | 85686  | 3099588 | 43.98%  | 0.923% |
| 315 | 19.351 | 19.339 | 19.371 | VV | 89867  | 1665349 | 23.63%  | 0.496% |
| 316 | 19.380 | 19.371 | 19.403 | VV | 87227  | 1653052 | 23.46%  | 0.492% |
| 317 | 19.453 | 19.403 | 19.474 | VV | 106104 | 3939390 | 55.90%  | 1.173% |
| 318 | 19.506 | 19.474 | 19.538 | VV | 98729  | 3615758 | 51.31%  | 1.077% |
| 319 | 19.591 | 19.538 | 19.622 | VV | 101449 | 4789530 | 67.96%  | 1.426% |
| 320 | 19.652 | 19.622 | 19.684 | VV | 116250 | 3874838 | 54.98%  | 1.154% |
| 321 | 19.724 | 19.684 | 19.764 | VV | 115931 | 5110382 | 72.51%  | 1.522% |
| 322 | 19.775 | 19.764 | 19.788 | VV | 105939 | 1488520 | 21.12%  | 0.443% |
| 323 | 19.825 | 19.788 | 19.877 | VV | 134174 | 6093643 | 86.47%  | 1.814% |
| 324 | 19.892 | 19.877 | 19.922 | VV | 112053 | 2927521 | 41.54%  | 0.872% |
| 325 | 19.935 | 19.922 | 19.954 | VV | 108521 | 2041207 | 28.96%  | 0.608% |
| 326 | 19.965 | 19.954 | 19.975 | VV | 107972 | 1349291 | 19.15%  | 0.402% |
| 327 | 20.032 | 19.975 | 20.058 | VV | 126895 | 5836714 | 82.82%  | 1.738% |
| 328 | 20.068 | 20.058 | 20.077 | VV | 116894 | 1318293 | 18.71%  | 0.393% |
| 329 | 20.116 | 20.077 | 20.159 | VV | 124922 | 5852433 | 83.04%  | 1.743% |
| 330 | 20.191 | 20.159 | 20.231 | VV | 132369 | 5285624 | 75.00%  | 1.574% |
| 331 | 20.280 | 20.231 | 20.327 | VV | 126639 | 7047482 | 100.00% | 2.098% |
| 332 | 20.377 | 20.327 | 20.397 | VV | 129196 | 5226909 | 74.17%  | 1.556% |
| 333 | 20.421 | 20.397 | 20.459 | VV | 134878 | 4653207 | 66.03%  | 1.386% |
| 334 | 20.469 | 20.459 | 20.505 | VV | 122383 | 3287303 | 46.65%  | 0.979% |
| 335 | 20.515 | 20.505 | 20.532 | VV | 118242 | 1923689 | 27.30%  | 0.573% |
| 336 | 20.551 | 20.532 | 20.594 | VV | 133832 | 4537829 | 64.39%  | 1.351% |
| 337 | 20.617 | 20.594 | 20.649 | VV | 118071 | 3824264 | 54.26%  | 1.139% |
| 338 | 20.655 | 20.649 | 20.664 | VV | 116346 | 1034730 | 14.68%  | 0.308% |
| 339 | 20.691 | 20.664 | 20.714 | VV | 117277 | 3451257 | 48.97%  | 1.028% |
| 340 | 20.720 | 20.714 | 20.744 | VV | 114942 | 1993403 | 28.29%  | 0.594% |
| 341 | 20.761 | 20.744 | 20.787 | VV | 111435 | 2838536 | 40.28%  | 0.845% |
| 342 | 20.795 | 20.787 | 20.841 | VV | 112444 | 3501205 | 49.68%  | 1.043% |
| 343 | 20.859 | 20.841 | 20.878 | VV | 107066 | 2327200 | 33.02%  | 0.693% |
| 344 | 20.946 | 20.878 | 20.966 | VV | 113138 | 5583495 | 79.23%  | 1.663% |
| 345 | 20.975 | 20.966 | 20.982 | VV | 102343 | 1019115 | 14.46%  | 0.303% |
| 346 | 20.990 | 20.982 | 21.004 | VV | 101725 | 1295026 | 18.38%  | 0.386% |
| 347 | 21.031 | 21.004 | 21.039 | VV | 99233  | 2052669 | 29.13%  | 0.611% |
| 348 | 21.054 | 21.039 | 21.067 | VV | 100273 | 1650185 | 23.42%  | 0.491% |
| 349 | 21.079 | 21.067 | 21.117 | VV | 98528  | 2895229 | 41.08%  | 0.862% |
| 350 | 21.149 | 21.117 | 21.172 | VV | 98701  | 3112061 | 44.16%  | 0.927% |
| 351 | 21.204 | 21.172 | 21.212 | VV | 95026  | 2289620 | 32.49%  | 0.682% |

|     |        |        |        |     |       |                         |           |        |
|-----|--------|--------|--------|-----|-------|-------------------------|-----------|--------|
|     |        |        |        |     |       | rters                   |           |        |
| 352 | 21.223 | 21.212 | 21.251 | VV  | 94034 | 2128142                 | 30.20%    | 0.634% |
| 353 | 21.258 | 21.251 | 21.272 | VV  | 93494 | 1184222                 | 16.80%    | 0.353% |
| 354 | 21.282 | 21.272 | 21.321 | VV  | 92649 | 2572068                 | 36.50%    | 0.766% |
| 355 | 21.346 | 21.321 | 21.361 | VV  | 89715 | 2103131                 | 29.84%    | 0.626% |
| 356 | 21.387 | 21.361 | 21.449 | VV  | 93866 | 4662355                 | 66.16%    | 1.388% |
| 357 | 21.464 | 21.449 | 21.497 | VV  | 84377 | 2372413                 | 33.66%    | 0.706% |
| 358 | 21.506 | 21.497 | 21.529 | VV  | 82821 | 1540883                 | 21.86%    | 0.459% |
| 359 | 21.541 | 21.529 | 21.586 | VV  | 83577 | 2734446                 | 38.80%    | 0.814% |
| 360 | 21.628 | 21.586 | 21.659 | VV  | 81298 | 3395887                 | 48.19%    | 1.011% |
| 361 | 21.683 | 21.659 | 21.704 | VV  | 76666 | 2030178                 | 28.81%    | 0.605% |
| 362 | 21.714 | 21.704 | 21.737 | VV  | 74438 | 1446973                 | 20.53%    | 0.431% |
| 363 | 21.748 | 21.737 | 21.772 | VV  | 71753 | 1488073                 | 21.11%    | 0.443% |
| 364 | 21.779 | 21.772 | 21.796 | VV  | 71281 | 976409                  | 13.85%    | 0.291% |
| 365 | 21.807 | 21.796 | 21.826 | VV  | 70392 | 1225898                 | 17.39%    | 0.365% |
| 366 | 21.833 | 21.826 | 21.843 | VV  | 69908 | 710209                  | 10.08%    | 0.211% |
| 367 | 21.905 | 21.843 | 21.946 | VV  | 75202 | 4344650                 | 61.65%    | 1.294% |
| 368 | 21.969 | 21.946 | 22.001 | VBA | 65761 | 2190830                 | 31.09%    | 0.652% |
|     |        |        |        |     |       | Sum of corrected areas: | 335838757 |        |

Alaphatic EPH 051519.M Sat Jun 08 08:19:51 2019