

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100819AL\  
 Data File : FC043840.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Oct 2019 18:40  
 Sample : K5147-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.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         | 3.429       | 3.402        | 3.526      | BV       | 455            | 9701         | 0.06%          | 0.002%        |
| 2         | 3.552       | 3.526        | 3.607      | PV       | 109            | 2671         | 0.02%          | 0.001%        |
| 3         | 3.625       | 3.607        | 3.649      | PV       | 117            | 1619         | 0.01%          | 0.000%        |
| 4         | 3.666       | 3.649        | 3.676      | VV       | 116            | 1257         | 0.01%          | 0.000%        |
| 5         | 3.702       | 3.676        | 3.728      | VV       | 306            | 4905         | 0.03%          | 0.001%        |
| 6         | 3.736       | 3.728        | 3.772      | VV       | 134            | 1742         | 0.01%          | 0.000%        |
| 7         | 3.791       | 3.772        | 3.805      | PV       | 287            | 2777         | 0.02%          | 0.001%        |
| 8         | 3.814       | 3.805        | 3.839      | VV       | 233            | 2557         | 0.02%          | 0.001%        |
| 9         | 3.862       | 3.839        | 3.879      | VV       | 305            | 4258         | 0.03%          | 0.001%        |
| 10        | 3.927       | 3.901        | 3.937      | VV       | 162            | 2141         | 0.01%          | 0.001%        |
| 11        | 3.962       | 3.937        | 3.979      | VV       | 275            | 3741         | 0.02%          | 0.001%        |
| 12        | 4.006       | 3.979        | 4.044      | VV       | 392            | 8773         | 0.06%          | 0.002%        |
| 13        | 4.083       | 4.044        | 4.097      | VV       | 321            | 5668         | 0.04%          | 0.001%        |
| 14        | 4.112       | 4.097        | 4.159      | VV       | 363            | 8318         | 0.05%          | 0.002%        |
| 15        | 4.176       | 4.159        | 4.228      | VV       | 390            | 5272         | 0.03%          | 0.001%        |
| 16        | 4.264       | 4.228        | 4.279      | PV       | 489            | 7271         | 0.05%          | 0.002%        |
| 17        | 4.291       | 4.279        | 4.317      | VV       | 495            | 8272         | 0.05%          | 0.002%        |
| 18        | 4.343       | 4.317        | 4.372      | VV       | 389            | 9761         | 0.06%          | 0.002%        |
| 19        | 4.399       | 4.372        | 4.422      | VV       | 377            | 8744         | 0.06%          | 0.002%        |
| 20        | 4.439       | 4.422        | 4.456      | VV       | 402            | 6685         | 0.04%          | 0.002%        |
| 21        | 4.481       | 4.456        | 4.515      | VV       | 1440           | 25446        | 0.17%          | 0.006%        |
| 22        | 4.533       | 4.515        | 4.582      | VV       | 886            | 22579        | 0.15%          | 0.006%        |
| 23        | 4.599       | 4.582        | 4.616      | VV       | 455            | 7195         | 0.05%          | 0.002%        |
| 24        | 4.638       | 4.616        | 4.667      | VV       | 573            | 13417        | 0.09%          | 0.003%        |
| 25        | 4.675       | 4.667        | 4.689      | VV       | 450            | 5444         | 0.04%          | 0.001%        |
| 26        | 4.698       | 4.689        | 4.714      | VV       | 345            | 4421         | 0.03%          | 0.001%        |
| 27        | 4.727       | 4.714        | 4.744      | VV       | 857            | 8533         | 0.06%          | 0.002%        |
| 28        | 4.762       | 4.744        | 4.794      | VV       | 538            | 11367        | 0.07%          | 0.003%        |
| 29        | 4.804       | 4.794        | 4.830      | VV       | 391            | 5731         | 0.04%          | 0.001%        |
| 30        | 4.847       | 4.830        | 4.866      | VV       | 326            | 5011         | 0.03%          | 0.001%        |
| 31        | 4.883       | 4.866        | 4.902      | VV       | 739            | 9928         | 0.06%          | 0.002%        |
| 32        | 4.948       | 4.902        | 4.977      | VV       | 959            | 21590        | 0.14%          | 0.005%        |
| 33        | 4.992       | 4.977        | 5.006      | VV       | 303            | 4384         | 0.03%          | 0.001%        |
| 34        | 5.018       | 5.006        | 5.051      | VV       | 383            | 6286         | 0.04%          | 0.002%        |
| 35        | 5.077       | 5.051        | 5.089      | PV       | 505            | 6453         | 0.04%          | 0.002%        |
| 36        | 5.103       | 5.089        | 5.131      | VV       | 783            | 14938        | 0.10%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.148 | 5.131 | 5.182 | VV | 820    | 17700  | 0.12% | 0.004% |
| 38 | 5.208 | 5.182 | 5.249 | VV | 925    | 18484  | 0.12% | 0.005% |
| 39 | 5.258 | 5.249 | 5.284 | VV | 171    | 2022   | 0.01% | 0.000% |
| 40 | 5.306 | 5.284 | 5.319 | VV | 360    | 4873   | 0.03% | 0.001% |
| 41 | 5.325 | 5.319 | 5.339 | VV | 260    | 2933   | 0.02% | 0.001% |
| 42 | 5.396 | 5.339 | 5.437 | VV | 1138   | 35875  | 0.23% | 0.009% |
| 43 | 5.453 | 5.437 | 5.482 | VV | 548    | 9155   | 0.06% | 0.002% |
| 44 | 5.505 | 5.482 | 5.520 | PV | 2948   | 40967  | 0.27% | 0.010% |
| 45 | 5.531 | 5.520 | 5.580 | VV | 2428   | 49018  | 0.32% | 0.012% |
| 46 | 5.590 | 5.580 | 5.601 | VV | 540    | 6317   | 0.04% | 0.002% |
| 47 | 5.614 | 5.601 | 5.647 | VV | 906    | 13858  | 0.09% | 0.003% |
| 48 | 5.654 | 5.647 | 5.665 | VV | 197    | 1754   | 0.01% | 0.000% |
| 49 | 5.686 | 5.665 | 5.717 | VV | 1558   | 21332  | 0.14% | 0.005% |
| 50 | 5.731 | 5.717 | 5.752 | VV | 680    | 10052  | 0.07% | 0.002% |
| 51 | 5.796 | 5.752 | 5.831 | VV | 2153   | 46597  | 0.30% | 0.012% |
| 52 | 5.843 | 5.831 | 5.866 | VV | 1611   | 17851  | 0.12% | 0.004% |
| 53 | 5.889 | 5.866 | 5.929 | VV | 1565   | 28752  | 0.19% | 0.007% |
| 54 | 5.952 | 5.929 | 5.979 | VV | 1097   | 16763  | 0.11% | 0.004% |
| 55 | 5.996 | 5.979 | 6.031 | VV | 962    | 17868  | 0.12% | 0.004% |
| 56 | 6.047 | 6.031 | 6.072 | VV | 914    | 12916  | 0.08% | 0.003% |
| 57 | 6.091 | 6.072 | 6.116 | VV | 1795   | 23594  | 0.15% | 0.006% |
| 58 | 6.135 | 6.116 | 6.164 | VV | 1167   | 18773  | 0.12% | 0.005% |
| 59 | 6.190 | 6.164 | 6.211 | VV | 2188   | 37805  | 0.25% | 0.009% |
| 60 | 6.224 | 6.211 | 6.251 | VV | 1080   | 19332  | 0.13% | 0.005% |
| 61 | 6.268 | 6.251 | 6.292 | VV | 1475   | 23066  | 0.15% | 0.006% |
| 62 | 6.312 | 6.292 | 6.333 | VV | 1729   | 25043  | 0.16% | 0.006% |
| 63 | 6.352 | 6.333 | 6.385 | VV | 1087   | 24015  | 0.16% | 0.006% |
| 64 | 6.402 | 6.385 | 6.411 | VV | 1217   | 15074  | 0.10% | 0.004% |
| 65 | 6.424 | 6.411 | 6.442 | VV | 1622   | 21632  | 0.14% | 0.005% |
| 66 | 6.471 | 6.442 | 6.539 | VV | 6401   | 104572 | 0.68% | 0.026% |
| 67 | 6.556 | 6.539 | 6.575 | VV | 747    | 12091  | 0.08% | 0.003% |
| 68 | 6.584 | 6.575 | 6.592 | VV | 498    | 4135   | 0.03% | 0.001% |
| 69 | 6.615 | 6.592 | 6.711 | VV | 3812   | 91812  | 0.60% | 0.023% |
| 70 | 6.757 | 6.711 | 6.776 | PV | 2314   | 45439  | 0.30% | 0.011% |
| 71 | 6.791 | 6.776 | 6.810 | VV | 1929   | 26777  | 0.17% | 0.007% |
| 72 | 6.822 | 6.810 | 6.838 | VV | 1085   | 13532  | 0.09% | 0.003% |
| 73 | 6.879 | 6.838 | 6.932 | VV | 4949   | 101254 | 0.66% | 0.025% |
| 74 | 6.968 | 6.932 | 7.007 | VV | 3017   | 85553  | 0.56% | 0.021% |
| 75 | 7.026 | 7.007 | 7.051 | VV | 2899   | 55584  | 0.36% | 0.014% |
| 76 | 7.063 | 7.051 | 7.086 | VV | 2375   | 35600  | 0.23% | 0.009% |
| 77 | 7.118 | 7.086 | 7.144 | VV | 3217   | 78978  | 0.51% | 0.020% |
| 78 | 7.163 | 7.144 | 7.202 | VV | 4367   | 87257  | 0.57% | 0.022% |
| 79 | 7.216 | 7.202 | 7.229 | VV | 1609   | 21892  | 0.14% | 0.005% |
| 80 | 7.243 | 7.229 | 7.251 | VV | 2463   | 26536  | 0.17% | 0.007% |
| 81 | 7.266 | 7.251 | 7.320 | VV | 3066   | 87321  | 0.57% | 0.022% |
| 82 | 7.341 | 7.320 | 7.356 | VV | 1292   | 25295  | 0.16% | 0.006% |
| 83 | 7.382 | 7.356 | 7.417 | VV | 15708  | 223893 | 1.46% | 0.055% |
| 84 | 7.432 | 7.417 | 7.457 | VV | 2431   | 41245  | 0.27% | 0.010% |
| 85 | 7.471 | 7.457 | 7.529 | VV | 1712   | 39260  | 0.26% | 0.010% |
| 86 | 7.560 | 7.529 | 7.577 | VV | 3607   | 54112  | 0.35% | 0.013% |
| 87 | 7.586 | 7.577 | 7.601 | VV | 1911   | 21380  | 0.14% | 0.005% |
| 88 | 7.614 | 7.601 | 7.647 | VV | 1756   | 22639  | 0.15% | 0.006% |
| 89 | 7.826 | 7.804 | 7.842 | VV | 6147   | 131714 | 0.86% | 0.033% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.853  | 7.842  | 7.879  | VV | 5399   | 96536  | 0.63% | 0.024% |
| 91  | 7.897  | 7.879  | 7.921  | VV | 5240   | 91811  | 0.60% | 0.023% |
| 92  | 7.942  | 7.921  | 7.966  | VV | 4681   | 80293  | 0.52% | 0.020% |
| 93  | 7.993  | 7.966  | 8.038  | VV | 6320   | 156375 | 1.02% | 0.039% |
| 94  | 8.064  | 8.038  | 8.082  | VV | 7167   | 101368 | 0.66% | 0.025% |
| 95  | 8.129  | 8.082  | 8.137  | VV | 3759   | 102763 | 0.67% | 0.025% |
| 96  | 8.154  | 8.137  | 8.175  | VV | 6460   | 104386 | 0.68% | 0.026% |
| 97  | 8.193  | 8.175  | 8.212  | VV | 6113   | 105255 | 0.69% | 0.026% |
| 98  | 8.243  | 8.212  | 8.276  | VV | 22653  | 356485 | 2.32% | 0.088% |
| 99  | 8.287  | 8.276  | 8.301  | VV | 4340   | 52352  | 0.34% | 0.013% |
| 100 | 8.318  | 8.301  | 8.401  | VV | 19208  | 423765 | 2.76% | 0.105% |
| 101 | 8.410  | 8.401  | 8.424  | VV | 3233   | 39284  | 0.26% | 0.010% |
| 102 | 8.435  | 8.424  | 8.449  | VV | 2581   | 31154  | 0.20% | 0.008% |
| 103 | 8.469  | 8.449  | 8.502  | VV | 4613   | 84533  | 0.55% | 0.021% |
| 104 | 8.532  | 8.502  | 8.549  | VV | 1416   | 28058  | 0.18% | 0.007% |
| 105 | 8.727  | 8.714  | 8.752  | VV | 7217   | 139129 | 0.91% | 0.034% |
| 106 | 8.771  | 8.752  | 8.807  | VV | 13249  | 232132 | 1.51% | 0.057% |
| 107 | 8.822  | 8.807  | 8.870  | VV | 4641   | 119183 | 0.78% | 0.029% |
| 108 | 8.916  | 8.870  | 8.955  | VV | 4391   | 161081 | 1.05% | 0.040% |
| 109 | 8.986  | 8.955  | 9.019  | VV | 6368   | 171103 | 1.11% | 0.042% |
| 110 | 9.056  | 9.019  | 9.097  | VV | 23116  | 368654 | 2.40% | 0.091% |
| 111 | 9.113  | 9.097  | 9.125  | VV | 3693   | 50508  | 0.33% | 0.012% |
| 112 | 9.138  | 9.125  | 9.174  | VV | 3382   | 69933  | 0.46% | 0.017% |
| 113 | 9.186  | 9.174  | 9.201  | VV | 1460   | 22067  | 0.14% | 0.005% |
| 114 | 9.220  | 9.201  | 9.244  | VV | 2519   | 41015  | 0.27% | 0.010% |
| 115 | 9.262  | 9.244  | 9.272  | VV | 2181   | 24458  | 0.16% | 0.006% |
| 116 | 9.288  | 9.272  | 9.324  | VV | 2579   | 48650  | 0.32% | 0.012% |
| 117 | 9.353  | 9.324  | 9.377  | VV | 2475   | 64672  | 0.42% | 0.016% |
| 118 | 9.392  | 9.377  | 9.406  | VV | 2326   | 34742  | 0.23% | 0.009% |
| 119 | 9.426  | 9.406  | 9.452  | VV | 5178   | 98393  | 0.64% | 0.024% |
| 120 | 9.467  | 9.452  | 9.483  | VV | 4276   | 61006  | 0.40% | 0.015% |
| 121 | 9.515  | 9.483  | 9.537  | VV | 5742   | 128957 | 0.84% | 0.032% |
| 122 | 9.553  | 9.537  | 9.572  | VV | 4799   | 68113  | 0.44% | 0.017% |
| 123 | 9.584  | 9.572  | 9.593  | VV | 2579   | 28849  | 0.19% | 0.007% |
| 124 | 9.608  | 9.593  | 9.633  | VV | 4123   | 64814  | 0.42% | 0.016% |
| 125 | 9.663  | 9.633  | 9.709  | VV | 2499   | 71052  | 0.46% | 0.018% |
| 126 | 9.746  | 9.709  | 9.756  | VV | 2593   | 40242  | 0.26% | 0.010% |
| 127 | 9.775  | 9.756  | 9.803  | VV | 6280   | 125834 | 0.82% | 0.031% |
| 128 | 9.825  | 9.803  | 9.884  | VV | 26470  | 367450 | 2.39% | 0.091% |
| 129 | 9.902  | 9.884  | 9.919  | VV | 1713   | 31192  | 0.20% | 0.008% |
| 130 | 9.931  | 9.919  | 9.978  | VV | 1511   | 39493  | 0.26% | 0.010% |
| 131 | 10.005 | 9.978  | 10.016 | VV | 1303   | 20614  | 0.13% | 0.005% |
| 132 | 10.024 | 10.016 | 10.047 | VV | 1404   | 20674  | 0.13% | 0.005% |
| 133 | 10.058 | 10.047 | 10.079 | VV | 950    | 13333  | 0.09% | 0.003% |
| 134 | 10.099 | 10.079 | 10.114 | PV | 1031   | 12589  | 0.08% | 0.003% |
| 135 | 10.169 | 10.114 | 10.185 | VV | 4056   | 71189  | 0.46% | 0.018% |
| 136 | 10.208 | 10.185 | 10.234 | VV | 11071  | 172506 | 1.12% | 0.043% |
| 137 | 10.257 | 10.234 | 10.269 | VV | 3245   | 55848  | 0.36% | 0.014% |
| 138 | 10.299 | 10.269 | 10.327 | VV | 5623   | 112980 | 0.74% | 0.028% |
| 139 | 10.352 | 10.327 | 10.387 | VV | 5448   | 88142  | 0.57% | 0.022% |
| 140 | 10.443 | 10.387 | 10.458 | VV | 2457   | 65853  | 0.43% | 0.016% |
| 141 | 10.485 | 10.458 | 10.504 | VV | 4661   | 81683  | 0.53% | 0.020% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.521 | 10.504 | 10.536 | VV | 5457   | 78077   | 0.51%  | 0.019% |
| 143 | 10.556 | 10.536 | 10.587 | VV | 30136  | 376082  | 2.45%  | 0.093% |
| 144 | 10.626 | 10.587 | 10.655 | VV | 11343  | 197199  | 1.29%  | 0.049% |
| 145 | 10.691 | 10.655 | 10.754 | VV | 2013   | 80780   | 0.53%  | 0.020% |
| 146 | 10.774 | 10.754 | 10.797 | VV | 2288   | 38357   | 0.25%  | 0.009% |
| 147 | 10.806 | 10.797 | 10.822 | VV | 1321   | 14875   | 0.10%  | 0.004% |
| 148 | 10.866 | 10.822 | 10.913 | VV | 6107   | 210302  | 1.37%  | 0.052% |
| 149 | 10.944 | 10.913 | 10.986 | VV | 5256   | 131415  | 0.86%  | 0.033% |
| 150 | 11.006 | 10.986 | 11.020 | VV | 3724   | 46035   | 0.30%  | 0.011% |
| 151 | 11.030 | 11.020 | 11.044 | VV | 2315   | 27938   | 0.18%  | 0.007% |
| 152 | 11.058 | 11.044 | 11.097 | VV | 2650   | 37858   | 0.25%  | 0.009% |
| 153 | 11.141 | 11.097 | 11.161 | PV | 1231   | 25295   | 0.16%  | 0.006% |
| 154 | 11.184 | 11.161 | 11.208 | VV | 3749   | 59927   | 0.39%  | 0.015% |
| 155 | 11.253 | 11.208 | 11.283 | VV | 32695  | 466716  | 3.04%  | 0.115% |
| 156 | 11.342 | 11.283 | 11.426 | VV | 10915  | 259703  | 1.69%  | 0.064% |
| 157 | 11.445 | 11.426 | 11.462 | VV | 2806   | 32565   | 0.21%  | 0.008% |
| 158 | 11.500 | 11.462 | 11.524 | VV | 4277   | 91809   | 0.60%  | 0.023% |
| 159 | 11.576 | 11.524 | 11.617 | VV | 659871 | 7085337 | 46.17% | 1.752% |
| 160 | 11.640 | 11.617 | 11.662 | VV | 11040  | 208938  | 1.36%  | 0.052% |
| 161 | 11.680 | 11.662 | 11.716 | VV | 9294   | 202984  | 1.32%  | 0.050% |
| 162 | 11.730 | 11.716 | 11.744 | VV | 4864   | 65883   | 0.43%  | 0.016% |
| 163 | 11.757 | 11.744 | 11.769 | VV | 4159   | 54192   | 0.35%  | 0.013% |
| 164 | 11.788 | 11.769 | 11.804 | VV | 6112   | 104199  | 0.68%  | 0.026% |
| 165 | 11.820 | 11.804 | 11.842 | VV | 6840   | 112646  | 0.73%  | 0.028% |
| 166 | 11.854 | 11.842 | 11.873 | VV | 3721   | 55863   | 0.36%  | 0.014% |
| 167 | 11.915 | 11.873 | 11.946 | VV | 38880  | 549236  | 3.58%  | 0.136% |
| 168 | 11.970 | 11.946 | 12.009 | VV | 14717  | 225519  | 1.47%  | 0.056% |
| 169 | 12.033 | 12.009 | 12.093 | VV | 5128   | 105085  | 0.68%  | 0.026% |
| 170 | 12.131 | 12.093 | 12.144 | PV | 4101   | 78982   | 0.51%  | 0.020% |
| 171 | 12.180 | 12.144 | 12.237 | VV | 8447   | 259085  | 1.69%  | 0.064% |
| 172 | 12.248 | 12.237 | 12.262 | VV | 1824   | 23810   | 0.16%  | 0.006% |
| 173 | 12.301 | 12.262 | 12.312 | VV | 8737   | 169123  | 1.10%  | 0.042% |
| 174 | 12.321 | 12.312 | 12.349 | VV | 8616   | 130588  | 0.85%  | 0.032% |
| 175 | 12.375 | 12.349 | 12.397 | VV | 6981   | 142867  | 0.93%  | 0.035% |
| 176 | 12.417 | 12.397 | 12.434 | VV | 8703   | 142418  | 0.93%  | 0.035% |
| 177 | 12.445 | 12.434 | 12.473 | VV | 6091   | 110406  | 0.72%  | 0.027% |
| 178 | 12.521 | 12.473 | 12.532 | VV | 22516  | 362884  | 2.36%  | 0.090% |
| 179 | 12.551 | 12.532 | 12.575 | VV | 56149  | 780191  | 5.08%  | 0.193% |
| 180 | 12.587 | 12.575 | 12.626 | VV | 13753  | 245491  | 1.60%  | 0.061% |
| 181 | 12.648 | 12.626 | 12.722 | VV | 24916  | 492152  | 3.21%  | 0.122% |
| 182 | 12.759 | 12.722 | 12.780 | PV | 6490   | 121593  | 0.79%  | 0.030% |
| 183 | 12.800 | 12.780 | 12.816 | VV | 4223   | 64318   | 0.42%  | 0.016% |
| 184 | 12.835 | 12.816 | 12.858 | VV | 6227   | 112759  | 0.73%  | 0.028% |
| 185 | 12.872 | 12.858 | 12.894 | VV | 5380   | 78728   | 0.51%  | 0.019% |
| 186 | 12.913 | 12.894 | 12.922 | VV | 3986   | 60041   | 0.39%  | 0.015% |
| 187 | 12.944 | 12.922 | 12.960 | VV | 29866  | 389876  | 2.54%  | 0.096% |
| 188 | 12.997 | 12.960 | 13.020 | VV | 506095 | 6604096 | 43.04% | 1.633% |
| 189 | 13.036 | 13.020 | 13.091 | VV | 62250  | 982129  | 6.40%  | 0.243% |
| 190 | 13.104 | 13.091 | 13.125 | VV | 7948   | 139813  | 0.91%  | 0.035% |
| 191 | 13.158 | 13.125 | 13.186 | VV | 54469  | 757435  | 4.94%  | 0.187% |
| 192 | 13.210 | 13.186 | 13.242 | VV | 15718  | 344228  | 2.24%  | 0.085% |
| 193 | 13.262 | 13.242 | 13.304 | VV | 20160  | 360327  | 2.35%  | 0.089% |
| 194 | 13.323 | 13.304 | 13.339 | PV | 7419   | 93222   | 0.61%  | 0.023% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 13.369 | 13.339 | 13.392 | VV | 9653   | 239987  | 1.56% | 0.059% |
| 196 | 13.399 | 13.392 | 13.419 | VV | 8500   | 100616  | 0.66% | 0.025% |
| 197 | 13.435 | 13.419 | 13.477 | VV | 9791   | 194646  | 1.27% | 0.048% |
| 198 | 13.550 | 13.477 | 13.567 | VV | 11352  | 411784  | 2.68% | 0.102% |
| 199 | 13.582 | 13.567 | 13.605 | VV | 7461   | 118357  | 0.77% | 0.029% |
| 200 | 13.642 | 13.605 | 13.664 | VV | 7144   | 153288  | 1.00% | 0.038% |
| 201 | 13.703 | 13.664 | 13.719 | VV | 17043  | 424935  | 2.77% | 0.105% |
| 202 | 13.739 | 13.719 | 13.761 | VV | 62518  | 799776  | 5.21% | 0.198% |
| 203 | 13.778 | 13.761 | 13.791 | VV | 15319  | 226924  | 1.48% | 0.056% |
| 204 | 13.802 | 13.791 | 13.831 | VV | 21669  | 336976  | 2.20% | 0.083% |
| 205 | 13.849 | 13.831 | 13.937 | VV | 12014  | 363034  | 2.37% | 0.090% |
| 206 | 13.966 | 13.937 | 13.999 | PV | 12509  | 249894  | 1.63% | 0.062% |
| 207 | 14.003 | 13.999 | 14.019 | VV | 4897   | 44367   | 0.29% | 0.011% |
| 208 | 14.033 | 14.019 | 14.048 | VV | 4345   | 54547   | 0.36% | 0.013% |
| 209 | 14.069 | 14.048 | 14.084 | VV | 5579   | 77531   | 0.51% | 0.019% |
| 210 | 14.129 | 14.084 | 14.142 | VV | 11683  | 223396  | 1.46% | 0.055% |
| 211 | 14.153 | 14.142 | 14.188 | VV | 10445  | 164788  | 1.07% | 0.041% |
| 212 | 14.219 | 14.188 | 14.228 | VV | 10125  | 125526  | 0.82% | 0.031% |
| 213 | 14.251 | 14.228 | 14.274 | VV | 16786  | 317927  | 2.07% | 0.079% |
| 214 | 14.299 | 14.274 | 14.321 | VV | 64801  | 807720  | 5.26% | 0.200% |
| 215 | 14.336 | 14.321 | 14.345 | VV | 11956  | 148029  | 0.96% | 0.037% |
| 216 | 14.367 | 14.345 | 14.387 | VV | 22358  | 363769  | 2.37% | 0.090% |
| 217 | 14.427 | 14.387 | 14.437 | VV | 10309  | 252690  | 1.65% | 0.062% |
| 218 | 14.459 | 14.437 | 14.482 | VV | 17306  | 315594  | 2.06% | 0.078% |
| 219 | 14.500 | 14.482 | 14.522 | VV | 17982  | 286091  | 1.86% | 0.071% |
| 220 | 14.533 | 14.522 | 14.563 | VV | 11276  | 215055  | 1.40% | 0.053% |
| 221 | 14.574 | 14.563 | 14.594 | VV | 8169   | 105318  | 0.69% | 0.026% |
| 222 | 14.617 | 14.594 | 14.636 | VV | 9824   | 146298  | 0.95% | 0.036% |
| 223 | 14.654 | 14.636 | 14.677 | VV | 9667   | 181753  | 1.18% | 0.045% |
| 224 | 14.695 | 14.677 | 14.711 | VV | 10482  | 152963  | 1.00% | 0.038% |
| 225 | 14.722 | 14.711 | 14.756 | VV | 7312   | 95496   | 0.62% | 0.024% |
| 226 | 14.783 | 14.756 | 14.811 | PV | 6887   | 120506  | 0.79% | 0.030% |
| 227 | 14.835 | 14.811 | 14.910 | VV | 75564  | 1481131 | 9.65% | 0.366% |
| 228 | 14.944 | 14.910 | 14.964 | VV | 13532  | 273755  | 1.78% | 0.068% |
| 229 | 14.974 | 14.964 | 14.996 | VV | 8864   | 122451  | 0.80% | 0.030% |
| 230 | 15.027 | 14.996 | 15.068 | VV | 15146  | 387130  | 2.52% | 0.096% |
| 231 | 15.085 | 15.068 | 15.095 | VV | 6394   | 83861   | 0.55% | 0.021% |
| 232 | 15.114 | 15.095 | 15.129 | VV | 11310  | 164194  | 1.07% | 0.041% |
| 233 | 15.143 | 15.129 | 15.156 | VV | 10019  | 147348  | 0.96% | 0.036% |
| 234 | 15.168 | 15.156 | 15.192 | VV | 10475  | 151160  | 0.99% | 0.037% |
| 235 | 15.222 | 15.192 | 15.259 | VV | 40896  | 801626  | 5.22% | 0.198% |
| 236 | 15.270 | 15.259 | 15.305 | VV | 16689  | 270226  | 1.76% | 0.067% |
| 237 | 15.317 | 15.305 | 15.328 | VV | 4367   | 48809   | 0.32% | 0.012% |
| 238 | 15.353 | 15.328 | 15.380 | VV | 77839  | 997657  | 6.50% | 0.247% |
| 239 | 15.401 | 15.380 | 15.416 | VV | 12823  | 192834  | 1.26% | 0.048% |
| 240 | 15.427 | 15.416 | 15.459 | VV | 11188  | 149482  | 0.97% | 0.037% |
| 241 | 15.488 | 15.459 | 15.511 | PV | 45905  | 615410  | 4.01% | 0.152% |
| 242 | 15.528 | 15.511 | 15.557 | VV | 21427  | 286544  | 1.87% | 0.071% |
| 243 | 15.590 | 15.557 | 15.599 | PV | 7546   | 114548  | 0.75% | 0.028% |
| 244 | 15.671 | 15.599 | 15.705 | VV | 15963  | 627496  | 4.09% | 0.155% |
| 245 | 15.720 | 15.705 | 15.754 | VV | 5170   | 104094  | 0.68% | 0.026% |
| 246 | 15.778 | 15.754 | 15.801 | VV | 12357  | 201847  | 1.32% | 0.050% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.851 | 15.801 | 15.889 | VV | 94467  | 1465295 | 9.55%  | 0.362% |
| 248    | 15.907 | 15.889 | 15.964 | VV | 11776  | 365008  | 2.38%  | 0.090% |
| 249    | 15.977 | 15.964 | 16.002 | VV | 7556   | 90092   | 0.59%  | 0.022% |
| 250    | 16.040 | 16.002 | 16.051 | PV | 11162  | 220119  | 1.43%  | 0.054% |
| 251    | 16.083 | 16.051 | 16.102 | VV | 18739  | 376042  | 2.45%  | 0.093% |
| 252    | 16.128 | 16.102 | 16.139 | VV | 15380  | 235995  | 1.54%  | 0.058% |
| 253    | 16.164 | 16.139 | 16.206 | VV | 23568  | 625309  | 4.07%  | 0.155% |
| 254    | 16.230 | 16.206 | 16.252 | VV | 19259  | 340547  | 2.22%  | 0.084% |
| 255    | 16.288 | 16.252 | 16.307 | VV | 16112  | 396136  | 2.58%  | 0.098% |
| 256    | 16.333 | 16.307 | 16.363 | VV | 97366  | 1383235 | 9.01%  | 0.342% |
| 257    | 16.378 | 16.363 | 16.397 | VV | 16380  | 275996  | 1.80%  | 0.068% |
| 258    | 16.410 | 16.397 | 16.445 | VV | 15399  | 286246  | 1.87%  | 0.071% |
| 259    | 16.493 | 16.445 | 16.512 | VV | 20266  | 496165  | 3.23%  | 0.123% |
| 260    | 16.540 | 16.512 | 16.582 | VV | 20309  | 540874  | 3.52%  | 0.134% |
| 261    | 16.610 | 16.582 | 16.619 | VV | 9658   | 153225  | 1.00%  | 0.038% |
| 262    | 16.657 | 16.619 | 16.689 | VV | 19459  | 515523  | 3.36%  | 0.128% |
| 263    | 16.708 | 16.689 | 16.739 | VV | 21635  | 326915  | 2.13%  | 0.081% |
| 264    | 16.798 | 16.739 | 16.849 | PV | 125345 | 2572153 | 16.76% | 0.636% |
| 265    | 16.878 | 16.849 | 16.916 | VV | 38063  | 782298  | 5.10%  | 0.193% |
| 266    | 16.981 | 16.916 | 16.998 | VV | 17383  | 650970  | 4.24%  | 0.161% |
| 267    | 17.043 | 16.998 | 17.062 | VV | 25261  | 632451  | 4.12%  | 0.156% |
| 268    | 17.087 | 17.062 | 17.102 | VV | 20506  | 302354  | 1.97%  | 0.075% |
| 269    | 17.118 | 17.102 | 17.144 | VV | 30391  | 539460  | 3.52%  | 0.133% |
| 270    | 17.179 | 17.144 | 17.202 | VV | 47309  | 1082620 | 7.05%  | 0.268% |
| 271    | 17.216 | 17.202 | 17.225 | VV | 40855  | 446621  | 2.91%  | 0.110% |
| 272    | 17.248 | 17.225 | 17.301 | VV | 125047 | 2290570 | 14.93% | 0.567% |
| 273    | 17.317 | 17.301 | 17.336 | VV | 18694  | 287285  | 1.87%  | 0.071% |
| 274    | 17.362 | 17.336 | 17.401 | VV | 37845  | 884612  | 5.76%  | 0.219% |
| 275    | 17.420 | 17.401 | 17.477 | VV | 26087  | 811177  | 5.29%  | 0.201% |
| 276    | 17.486 | 17.477 | 17.494 | VV | 13586  | 108253  | 0.71%  | 0.027% |
| 277    | 17.519 | 17.494 | 17.552 | VV | 23293  | 579726  | 3.78%  | 0.143% |
| 278    | 17.587 | 17.552 | 17.595 | VV | 24872  | 488260  | 3.18%  | 0.121% |
| 279    | 17.621 | 17.595 | 17.643 | VV | 25668  | 646596  | 4.21%  | 0.160% |
| 280    | 17.684 | 17.643 | 17.737 | VV | 145486 | 2957067 | 19.27% | 0.731% |
| 281    | 17.777 | 17.737 | 17.789 | VV | 29989  | 653850  | 4.26%  | 0.162% |
| 282    | 17.832 | 17.789 | 17.904 | VV | 145300 | 3829525 | 24.95% | 0.947% |
| 283    | 17.963 | 17.904 | 17.989 | VV | 37143  | 1419092 | 9.25%  | 0.351% |
| 284    | 18.051 | 17.989 | 18.081 | VV | 57742  | 2237730 | 14.58% | 0.553% |
| 285    | 18.107 | 18.081 | 18.134 | VV | 168263 | 2833216 | 18.46% | 0.701% |
| 286    | 18.198 | 18.134 | 18.221 | VV | 137320 | 3105021 | 20.23% | 0.768% |
| 287    | 18.236 | 18.221 | 18.270 | VV | 62212  | 1474222 | 9.61%  | 0.365% |
| 288    | 18.299 | 18.270 | 18.309 | VV | 45507  | 927190  | 6.04%  | 0.229% |
| 289    | 18.420 | 18.309 | 18.448 | VV | 60189  | 3977719 | 25.92% | 0.984% |
| 290    | 18.518 | 18.448 | 18.559 | VV | 170952 | 5001733 | 32.59% | 1.237% |
| 291    | 18.622 | 18.559 | 18.648 | VV | 152328 | 4070000 | 26.52% | 1.007% |
| 292    | 18.671 | 18.648 | 18.732 | VV | 134648 | 4368606 | 28.47% | 1.080% |
| 293    | 18.771 | 18.732 | 18.781 | VV | 83255  | 2141119 | 13.95% | 0.530% |
| 294    | 18.806 | 18.781 | 18.836 | VV | 85432  | 2668037 | 17.39% | 0.660% |
| 295    | 18.839 | 18.836 | 18.847 | VV | 83698  | 522769  | 3.41%  | 0.129% |
| 296    | 18.857 | 18.847 | 18.863 | VV | 80601  | 771309  | 5.03%  | 0.191% |
| 297    | 18.916 | 18.863 | 18.938 | VV | 219745 | 5872551 | 38.27% | 1.452% |
| 298    | 18.953 | 18.938 | 18.976 | VV | 152292 | 2700192 | 17.60% | 0.668% |
| 299    | 19.022 | 18.976 | 19.061 | VV | 145496 | 5328788 | 34.72% | 1.318% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 300    | 19.109 | 19.061 | 19.125 | VV | 115742 | 4098608  | 26.71%  | 1.014% |
| 301    | 19.135 | 19.125 | 19.159 | VV | 113854 | 2164878  | 14.11%  | 0.535% |
| 302    | 19.211 | 19.159 | 19.232 | VV | 123559 | 4969483  | 32.38%  | 1.229% |
| 303    | 19.254 | 19.232 | 19.266 | VV | 117513 | 2282121  | 14.87%  | 0.564% |
| 304    | 19.303 | 19.266 | 19.319 | VV | 227509 | 5450749  | 35.52%  | 1.348% |
| 305    | 19.334 | 19.319 | 19.371 | VV | 187343 | 4630628  | 30.18%  | 1.145% |
| 306    | 19.383 | 19.371 | 19.392 | VV | 128243 | 1565665  | 10.20%  | 0.387% |
| 307    | 19.421 | 19.392 | 19.451 | VV | 207181 | 5716452  | 37.25%  | 1.414% |
| 308    | 19.461 | 19.451 | 19.471 | VV | 146985 | 1743328  | 11.36%  | 0.431% |
| 309    | 19.492 | 19.471 | 19.507 | VV | 152008 | 3209683  | 20.92%  | 0.794% |
| 310    | 19.531 | 19.507 | 19.541 | VV | 169180 | 3168608  | 20.65%  | 0.784% |
| 311    | 19.556 | 19.541 | 19.563 | VV | 160225 | 2056101  | 13.40%  | 0.509% |
| 312    | 19.587 | 19.563 | 19.627 | VV | 173353 | 6153447  | 40.10%  | 1.522% |
| 313    | 19.678 | 19.627 | 19.712 | VV | 301207 | 11459971 | 74.68%  | 2.834% |
| 314    | 19.732 | 19.712 | 19.750 | VV | 232903 | 4646237  | 30.28%  | 1.149% |
| 315    | 19.843 | 19.750 | 19.869 | VV | 231906 | 14170236 | 92.34%  | 3.505% |
| 316    | 19.905 | 19.869 | 19.913 | VV | 215420 | 5462660  | 35.60%  | 1.351% |
| 317    | 19.919 | 19.913 | 19.933 | VV | 222853 | 2542171  | 16.57%  | 0.629% |
| 318    | 19.958 | 19.933 | 20.006 | VV | 298751 | 10532568 | 68.63%  | 2.605% |
| 319    | 20.048 | 20.006 | 20.091 | VV | 325093 | 12805227 | 83.44%  | 3.167% |
| 320    | 20.117 | 20.091 | 20.137 | VV | 286422 | 7102935  | 46.29%  | 1.757% |
| 321    | 20.191 | 20.137 | 20.214 | VV | 286617 | 12007767 | 78.25%  | 2.970% |
| 322    | 20.223 | 20.214 | 20.232 | VV | 263715 | 2809608  | 18.31%  | 0.695% |
| 323    | 20.259 | 20.232 | 20.269 | VV | 283303 | 6102362  | 39.77%  | 1.509% |
| 324    | 20.277 | 20.269 | 20.286 | VV | 285126 | 2692193  | 17.54%  | 0.666% |
| 325    | 20.295 | 20.286 | 20.307 | VV | 280643 | 3406999  | 22.20%  | 0.843% |
| 326    | 20.324 | 20.307 | 20.348 | VV | 282982 | 6409509  | 41.77%  | 1.585% |
| 327    | 20.359 | 20.348 | 20.372 | VV | 258738 | 3605402  | 23.49%  | 0.892% |
| 328    | 20.402 | 20.372 | 20.431 | VV | 358397 | 10369692 | 67.57%  | 2.565% |
| 329    | 20.451 | 20.431 | 20.492 | VV | 296802 | 9676431  | 63.06%  | 2.393% |
| 330    | 20.513 | 20.492 | 20.537 | VV | 278228 | 7058143  | 45.99%  | 1.746% |
| 331    | 20.546 | 20.537 | 20.562 | VV | 261322 | 3709045  | 24.17%  | 0.917% |
| 332    | 20.570 | 20.562 | 20.584 | VV | 239396 | 3077295  | 20.05%  | 0.761% |
| 333    | 20.638 | 20.584 | 20.696 | VV | 250393 | 15345805 | 100.00% | 3.795% |
| 334    | 20.704 | 20.696 | 20.732 | VV | 221825 | 4601256  | 29.98%  | 1.138% |
| 335    | 20.741 | 20.732 | 20.752 | VV | 211744 | 2556968  | 16.66%  | 0.632% |
| 336    | 20.779 | 20.752 | 20.809 | VV | 292608 | 8007412  | 52.18%  | 1.980% |
| 337    | 20.817 | 20.809 | 20.827 | VV | 193546 | 2060071  | 13.42%  | 0.510% |
| 338    | 20.837 | 20.827 | 20.848 | VV | 200058 | 2264935  | 14.76%  | 0.560% |
| 339    | 20.893 | 20.848 | 20.909 | VV | 198602 | 6631376  | 43.21%  | 1.640% |
| 340    | 20.916 | 20.909 | 20.927 | VV | 174673 | 1909257  | 12.44%  | 0.472% |
| 341    | 20.940 | 20.927 | 20.976 | VV | 191351 | 5062761  | 32.99%  | 1.252% |
| 342    | 21.004 | 20.976 | 21.015 | VV | 163541 | 3877162  | 25.27%  | 0.959% |
| 343    | 21.026 | 21.015 | 21.063 | VV | 168813 | 4319119  | 28.15%  | 1.068% |
| 344    | 21.079 | 21.063 | 21.087 | VV | 149554 | 2078809  | 13.55%  | 0.514% |
| 345    | 21.100 | 21.087 | 21.145 | VV | 144565 | 4765944  | 31.06%  | 1.179% |
| 346    | 21.203 | 21.145 | 21.247 | VV | 178875 | 8599598  | 56.04%  | 2.127% |
| 347    | 21.270 | 21.247 | 21.294 | VV | 120352 | 3034471  | 19.77%  | 0.751% |
| 348    | 21.321 | 21.294 | 21.349 | VV | 123398 | 3543917  | 23.09%  | 0.877% |
| 349    | 21.360 | 21.349 | 21.391 | VV | 89882  | 2117318  | 13.80%  | 0.524% |
| 350    | 21.412 | 21.391 | 21.439 | VV | 95083  | 2468225  | 16.08%  | 0.610% |
| 351    | 21.444 | 21.439 | 21.456 | VV | 93566  | 789884   | 5.15%   | 0.195% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    |                         | rteres    |        |        |
| 352 | 21.460 | 21.456 | 21.481 | VV | 85725                   | 1102486   | 7.18%  | 0.273% |
| 353 | 21.496 | 21.481 | 21.534 | VV | 84474                   | 1885492   | 12.29% | 0.466% |
| 354 | 21.547 | 21.534 | 21.557 | VV | 64217                   | 717982    | 4.68%  | 0.178% |
| 355 | 21.569 | 21.557 | 21.587 | VV | 50977                   | 784871    | 5.11%  | 0.194% |
| 356 | 21.616 | 21.587 | 21.642 | VV | 48317                   | 1369327   | 8.92%  | 0.339% |
| 357 | 21.679 | 21.642 | 21.734 | VV | 108654                  | 2939923   | 19.16% | 0.727% |
|     |        |        |        |    | Sum of corrected areas: | 404323694 |        |        |

Alaphatic EPH 092519.M Wed Oct 09 12:38:30 2019