

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112619AL\  
 Data File : FD031714.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Nov 2019 17:17  
 Sample : K6022-10  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110519.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.308       | 3.295        | 3.333      | BV       | 249            | 3121         | 0.05%          | 0.003%        |
| 2         | 3.346       | 3.333        | 3.378      | PV       | 133            | 2273         | 0.03%          | 0.002%        |
| 3         | 3.393       | 3.378        | 3.425      | VV       | 128            | 1288         | 0.02%          | 0.001%        |
| 4         | 3.486       | 3.455        | 3.520      | PV       | 145            | 4167         | 0.06%          | 0.004%        |
| 5         | 3.531       | 3.520        | 3.564      | VV       | 202            | 3047         | 0.05%          | 0.003%        |
| 6         | 3.581       | 3.564        | 3.605      | VV       | 313            | 4079         | 0.06%          | 0.004%        |
| 7         | 3.634       | 3.605        | 3.655      | VV       | 877            | 10048        | 0.15%          | 0.010%        |
| 8         | 3.665       | 3.655        | 3.701      | VV       | 261            | 3379         | 0.05%          | 0.003%        |
| 9         | 3.733       | 3.701        | 3.785      | VV       | 797            | 12390        | 0.18%          | 0.012%        |
| 10        | 3.790       | 3.785        | 3.803      | VV       | 201            | 1672         | 0.02%          | 0.002%        |
| 11        | 3.831       | 3.803        | 3.873      | VV       | 644            | 8861         | 0.13%          | 0.009%        |
| 12        | 3.886       | 3.873        | 3.898      | PV       | 152            | 1315         | 0.02%          | 0.001%        |
| 13        | 3.931       | 3.898        | 3.977      | VV       | 352            | 8327         | 0.12%          | 0.008%        |
| 14        | 3.997       | 3.977        | 4.020      | VV       | 5951           | 49279        | 0.73%          | 0.049%        |
| 15        | 4.034       | 4.020        | 4.061      | VV       | 847            | 10198        | 0.15%          | 0.010%        |
| 16        | 4.075       | 4.061        | 4.086      | VV       | 251            | 3057         | 0.05%          | 0.003%        |
| 17        | 4.096       | 4.086        | 4.135      | VV       | 227            | 3896         | 0.06%          | 0.004%        |
| 18        | 4.148       | 4.135        | 4.162      | VV       | 246            | 2135         | 0.03%          | 0.002%        |
| 19        | 4.190       | 4.162        | 4.241      | VV       | 577            | 14941        | 0.22%          | 0.015%        |
| 20        | 4.251       | 4.241        | 4.312      | VV       | 372            | 7040         | 0.10%          | 0.007%        |
| 21        | 4.325       | 4.312        | 4.342      | VV       | 247            | 2803         | 0.04%          | 0.003%        |
| 22        | 4.356       | 4.342        | 4.398      | VV       | 426            | 9200         | 0.14%          | 0.009%        |
| 23        | 4.406       | 4.398        | 4.432      | VV       | 334            | 4384         | 0.06%          | 0.004%        |
| 24        | 4.452       | 4.432        | 4.465      | VV       | 311            | 3709         | 0.05%          | 0.004%        |
| 25        | 4.488       | 4.465        | 4.525      | VV       | 371            | 7705         | 0.11%          | 0.008%        |
| 26        | 4.532       | 4.525        | 4.539      | VV       | 303            | 1338         | 0.02%          | 0.001%        |
| 27        | 4.558       | 4.539        | 4.592      | VV       | 1313           | 16773        | 0.25%          | 0.017%        |
| 28        | 4.609       | 4.592        | 4.644      | VV       | 511            | 10232        | 0.15%          | 0.010%        |
| 29        | 4.663       | 4.644        | 4.681      | VV       | 1127           | 12634        | 0.19%          | 0.012%        |
| 30        | 4.696       | 4.681        | 4.708      | VV       | 498            | 6143         | 0.09%          | 0.006%        |
| 31        | 4.741       | 4.708        | 4.763      | VV       | 533            | 12018        | 0.18%          | 0.012%        |
| 32        | 4.782       | 4.763        | 4.805      | VV       | 499            | 7087         | 0.11%          | 0.007%        |
| 33        | 4.820       | 4.805        | 4.865      | VV       | 629            | 10918        | 0.16%          | 0.011%        |
| 34        | 4.884       | 4.865        | 4.907      | VV       | 598            | 6703         | 0.10%          | 0.007%        |
| 35        | 4.961       | 4.907        | 4.985      | PV       | 489            | 11320        | 0.17%          | 0.011%        |
| 36        | 5.040       | 4.985        | 5.078      | VV       | 1490           | 28942        | 0.43%          | 0.029%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.100 | 5.078 | 5.116 | VV | 764    | 10263  | 0.15% | 0.010% |
| 38 | 5.126 | 5.116 | 5.138 | VV | 425    | 4528   | 0.07% | 0.004% |
| 39 | 5.148 | 5.138 | 5.188 | VV | 686    | 9867   | 0.15% | 0.010% |
| 40 | 5.261 | 5.188 | 5.292 | PV | 909    | 27329  | 0.41% | 0.027% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.304 | 5.292 | 5.318 | VV | 534    | 6134   | 0.09% | 0.006% |
| 42 | 5.337 | 5.318 | 5.350 | VV | 631    | 6973   | 0.10% | 0.007% |
| 43 | 5.368 | 5.350 | 5.385 | VV | 613    | 9477   | 0.14% | 0.009% |
| 44 | 5.397 | 5.385 | 5.424 | VV | 477    | 8450   | 0.13% | 0.008% |
| 45 | 5.471 | 5.424 | 5.499 | VV | 1334   | 31960  | 0.47% | 0.032% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.511 | 5.499 | 5.525 | VV | 731    | 8185   | 0.12% | 0.008% |
| 47 | 5.536 | 5.525 | 5.551 | VV | 546    | 7095   | 0.11% | 0.007% |
| 48 | 5.577 | 5.551 | 5.588 | VV | 616    | 11351  | 0.17% | 0.011% |
| 49 | 5.629 | 5.588 | 5.652 | VV | 2753   | 42831  | 0.63% | 0.042% |
| 50 | 5.688 | 5.652 | 5.705 | VV | 847    | 20591  | 0.31% | 0.020% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.727 | 5.705 | 5.773 | VV | 1808   | 41704  | 0.62% | 0.041% |
| 52 | 5.790 | 5.773 | 5.822 | VV | 825    | 16391  | 0.24% | 0.016% |
| 53 | 5.852 | 5.822 | 5.877 | VV | 1086   | 21930  | 0.33% | 0.022% |
| 54 | 5.896 | 5.877 | 5.918 | VV | 1196   | 16849  | 0.25% | 0.017% |
| 55 | 5.945 | 5.918 | 5.965 | VV | 1475   | 27480  | 0.41% | 0.027% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.992 | 5.965 | 6.018 | VV | 2907   | 49788  | 0.74% | 0.049% |
| 57 | 6.038 | 6.018 | 6.055 | VV | 1828   | 27043  | 0.40% | 0.027% |
| 58 | 6.089 | 6.055 | 6.109 | VV | 1635   | 40899  | 0.61% | 0.040% |
| 59 | 6.138 | 6.109 | 6.155 | VV | 2117   | 40850  | 0.61% | 0.040% |
| 60 | 6.178 | 6.155 | 6.195 | VV | 1568   | 32716  | 0.48% | 0.032% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.230 | 6.195 | 6.245 | VV | 1939   | 45987  | 0.68% | 0.045% |
| 62 | 6.261 | 6.245 | 6.283 | VV | 2185   | 39362  | 0.58% | 0.039% |
| 63 | 6.302 | 6.283 | 6.322 | VV | 2770   | 42994  | 0.64% | 0.042% |
| 64 | 6.351 | 6.322 | 6.365 | VV | 2265   | 44774  | 0.66% | 0.044% |
| 65 | 6.379 | 6.365 | 6.392 | VV | 2162   | 28846  | 0.43% | 0.028% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.418 | 6.392 | 6.432 | VV | 2863   | 49896  | 0.74% | 0.049% |
| 67 | 6.443 | 6.432 | 6.467 | VV | 2133   | 37887  | 0.56% | 0.037% |
| 68 | 6.482 | 6.467 | 6.495 | VV | 1761   | 25985  | 0.39% | 0.026% |
| 69 | 6.515 | 6.495 | 6.524 | VV | 2185   | 32112  | 0.48% | 0.032% |
| 70 | 6.568 | 6.524 | 6.589 | VV | 11252  | 179858 | 2.67% | 0.177% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.612 | 6.589 | 6.631 | VV | 4504   | 84551  | 1.25% | 0.083% |
| 72 | 6.640 | 6.631 | 6.668 | VV | 2839   | 50176  | 0.74% | 0.049% |
| 73 | 6.694 | 6.668 | 6.717 | VV | 3566   | 75846  | 1.12% | 0.075% |
| 74 | 6.749 | 6.717 | 6.772 | VV | 3819   | 97051  | 1.44% | 0.096% |
| 75 | 6.809 | 6.772 | 6.839 | VV | 3205   | 105488 | 1.56% | 0.104% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.881 | 6.839 | 6.900 | VV | 3997   | 108138 | 1.60% | 0.107% |
| 77 | 6.919 | 6.900 | 6.958 | VV | 5678   | 154389 | 2.29% | 0.152% |
| 78 | 6.977 | 6.958 | 7.002 | VV | 6478   | 115744 | 1.72% | 0.114% |
| 79 | 7.021 | 7.002 | 7.049 | VV | 5241   | 115139 | 1.71% | 0.114% |
| 80 | 7.076 | 7.049 | 7.098 | VV | 5772   | 116756 | 1.73% | 0.115% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.119 | 7.098 | 7.161 | VV | 18687  | 306386 | 4.54% | 0.302% |
| 82 | 7.175 | 7.161 | 7.194 | VV | 5356   | 85888  | 1.27% | 0.085% |
| 83 | 7.221 | 7.194 | 7.239 | VV | 6573   | 126390 | 1.87% | 0.125% |
| 84 | 7.252 | 7.239 | 7.281 | VV | 4283   | 100063 | 1.48% | 0.099% |
| 85 | 7.308 | 7.281 | 7.318 | VV | 5977   | 109278 | 1.62% | 0.108% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.340 | 7.318 | 7.371 | VV | 11259  | 215678 | 3.20% | 0.213% |
| 87 | 7.392 | 7.371 | 7.405 | VV | 5738   | 101871 | 1.51% | 0.100% |
| 88 | 7.432 | 7.405 | 7.446 | VV | 5968   | 133554 | 1.98% | 0.132% |
| 89 | 7.466 | 7.446 | 7.487 | VV | 5917   | 139069 | 2.06% | 0.137% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.514  | 7.487  | 7.542  | VV | 11272  | 243669  | 3.61%  | 0.240% |
| 91  | 7.563  | 7.542  | 7.584  | VV | 5618   | 127520  | 1.89%  | 0.126% |
| 92  | 7.600  | 7.584  | 7.614  | VV | 5700   | 89170   | 1.32%  | 0.088% |
| 93  | 7.653  | 7.614  | 7.738  | VV | 618976 | 6379693 | 94.55% | 6.290% |
| 94  | 7.794  | 7.738  | 7.805  | VV | 8904   | 300994  | 4.46%  | 0.297% |
| 95  | 7.816  | 7.805  | 7.836  | VV | 9076   | 140743  | 2.09%  | 0.139% |
| 96  | 7.859  | 7.836  | 7.879  | VV | 9955   | 198100  | 2.94%  | 0.195% |
| 97  | 7.905  | 7.879  | 7.927  | VV | 12047  | 253298  | 3.75%  | 0.250% |
| 98  | 7.954  | 7.927  | 7.986  | VV | 12822  | 317640  | 4.71%  | 0.313% |
| 99  | 8.086  | 8.066  | 8.105  | VV | 9421   | 195542  | 2.90%  | 0.193% |
| 100 | 8.120  | 8.105  | 8.145  | VV | 9899   | 210844  | 3.12%  | 0.208% |
| 101 | 8.302  | 8.288  | 8.337  | VV | 10527  | 281988  | 4.18%  | 0.278% |
| 102 | 8.372  | 8.337  | 8.411  | VV | 23419  | 576150  | 8.54%  | 0.568% |
| 103 | 8.427  | 8.411  | 8.442  | VV | 10569  | 180826  | 2.68%  | 0.178% |
| 104 | 8.456  | 8.442  | 8.467  | VV | 10397  | 144844  | 2.15%  | 0.143% |
| 105 | 8.564  | 8.546  | 8.576  | VV | 12452  | 196004  | 2.90%  | 0.193% |
| 106 | 8.601  | 8.576  | 8.639  | VV | 13678  | 458996  | 6.80%  | 0.453% |
| 107 | 8.665  | 8.639  | 8.683  | VV | 21391  | 396035  | 5.87%  | 0.390% |
| 108 | 8.698  | 8.683  | 8.715  | VV | 14119  | 247030  | 3.66%  | 0.244% |
| 109 | 8.822  | 8.808  | 8.836  | VV | 12534  | 195642  | 2.90%  | 0.193% |
| 110 | 8.853  | 8.836  | 8.872  | VV | 13066  | 264597  | 3.92%  | 0.261% |
| 111 | 8.887  | 8.872  | 8.908  | VV | 13916  | 257802  | 3.82%  | 0.254% |
| 112 | 8.919  | 8.908  | 8.935  | VV | 10885  | 173818  | 2.58%  | 0.171% |
| 113 | 8.969  | 8.935  | 8.986  | VV | 14197  | 375148  | 5.56%  | 0.370% |
| 114 | 9.058  | 9.048  | 9.082  | VV | 15001  | 257101  | 3.81%  | 0.253% |
| 115 | 9.110  | 9.082  | 9.138  | VV | 15059  | 408714  | 6.06%  | 0.403% |
| 116 | 9.172  | 9.138  | 9.194  | VV | 12790  | 382705  | 5.67%  | 0.377% |
| 117 | 9.207  | 9.194  | 9.217  | VV | 11248  | 151770  | 2.25%  | 0.150% |
| 118 | 9.230  | 9.217  | 9.240  | VV | 11232  | 148283  | 2.20%  | 0.146% |
| 119 | 9.256  | 9.240  | 9.275  | VV | 12211  | 234881  | 3.48%  | 0.232% |
| 120 | 9.310  | 9.275  | 9.370  | VV | 14195  | 679026  | 10.06% | 0.669% |
| 121 | 9.398  | 9.370  | 9.410  | VV | 22728  | 395285  | 5.86%  | 0.390% |
| 122 | 9.414  | 9.410  | 9.453  | VV | 20158  | 398519  | 5.91%  | 0.393% |
| 123 | 9.477  | 9.453  | 9.506  | VV | 21208  | 518841  | 7.69%  | 0.512% |
| 124 | 9.528  | 9.506  | 9.546  | VV | 19753  | 365115  | 5.41%  | 0.360% |
| 125 | 9.580  | 9.546  | 9.610  | VV | 18643  | 567256  | 8.41%  | 0.559% |
| 126 | 9.634  | 9.610  | 9.662  | VV | 11511  | 337019  | 4.99%  | 0.332% |
| 127 | 9.677  | 9.662  | 9.691  | VV | 10385  | 178120  | 2.64%  | 0.176% |
| 128 | 9.716  | 9.691  | 9.733  | VV | 13514  | 305980  | 4.53%  | 0.302% |
| 129 | 9.757  | 9.733  | 9.775  | VV | 17142  | 374169  | 5.55%  | 0.369% |
| 130 | 9.799  | 9.775  | 9.846  | VV | 91302  | 1394894 | 20.67% | 1.375% |
| 131 | 9.866  | 9.846  | 9.890  | VV | 13437  | 336342  | 4.98%  | 0.332% |
| 132 | 9.904  | 9.890  | 9.944  | VV | 13827  | 390120  | 5.78%  | 0.385% |
| 133 | 9.973  | 9.944  | 10.000 | VV | 14084  | 397802  | 5.90%  | 0.392% |
| 134 | 10.011 | 10.000 | 10.054 | VV | 11608  | 355140  | 5.26%  | 0.350% |
| 135 | 10.075 | 10.054 | 10.100 | VV | 12428  | 298501  | 4.42%  | 0.294% |
| 136 | 10.143 | 10.100 | 10.158 | VV | 16492  | 466164  | 6.91%  | 0.460% |
| 137 | 10.187 | 10.158 | 10.214 | VV | 44094  | 830230  | 12.30% | 0.819% |
| 138 | 10.237 | 10.214 | 10.254 | VV | 18776  | 373220  | 5.53%  | 0.368% |
| 139 | 10.273 | 10.254 | 10.296 | VV | 19890  | 393202  | 5.83%  | 0.388% |
| 140 | 10.331 | 10.296 | 10.359 | VV | 19245  | 540919  | 8.02%  | 0.533% |
| 141 | 10.381 | 10.359 | 10.393 | VV | 12945  | 240240  | 3.56%  | 0.237% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.402 | 10.393 | 10.418 | VV | 12568  | 180789  | 2.68%   | 0.178% |
| 143    | 10.466 | 10.418 | 10.495 | VV | 14159  | 595428  | 8.82%   | 0.587% |
| 144    | 10.535 | 10.495 | 10.572 | VV | 86038  | 1433228 | 21.24%  | 1.413% |
| 145    | 10.607 | 10.572 | 10.638 | VV | 62242  | 1154709 | 17.11%  | 1.138% |
| 146    | 10.650 | 10.638 | 10.695 | VV | 13900  | 418300  | 6.20%   | 0.412% |
| 147    | 10.743 | 10.695 | 10.762 | VV | 12367  | 459850  | 6.82%   | 0.453% |
| 148    | 10.788 | 10.762 | 10.831 | VV | 12746  | 496370  | 7.36%   | 0.489% |
| 149    | 10.861 | 10.831 | 10.893 | VV | 15746  | 520244  | 7.71%   | 0.513% |
| 150    | 10.925 | 10.893 | 10.968 | VV | 19036  | 639025  | 9.47%   | 0.630% |
| 151    | 10.988 | 10.968 | 11.025 | VV | 16144  | 438409  | 6.50%   | 0.432% |
| 152    | 11.040 | 11.025 | 11.074 | VV | 14519  | 359291  | 5.32%   | 0.354% |
| 153    | 11.093 | 11.074 | 11.118 | VV | 12943  | 307207  | 4.55%   | 0.303% |
| 154    | 11.140 | 11.118 | 11.158 | VV | 12073  | 277509  | 4.11%   | 0.274% |
| 155    | 11.179 | 11.158 | 11.203 | VV | 12387  | 320353  | 4.75%   | 0.316% |
| 156    | 11.235 | 11.203 | 11.293 | VV | 69897  | 1300153 | 19.27%  | 1.282% |
| 157    | 11.326 | 11.293 | 11.360 | VV | 32977  | 738649  | 10.95%  | 0.728% |
| 158    | 11.384 | 11.360 | 11.412 | VV | 11359  | 321851  | 4.77%   | 0.317% |
| 159    | 11.433 | 11.412 | 11.457 | VV | 11233  | 279310  | 4.14%   | 0.275% |
| 160    | 11.554 | 11.457 | 11.602 | VV | 540682 | 6747561 | 100.00% | 6.652% |
| 161    | 11.624 | 11.602 | 11.650 | VV | 14369  | 357327  | 5.30%   | 0.352% |
| 162    | 11.667 | 11.650 | 11.698 | VV | 12744  | 324090  | 4.80%   | 0.320% |
| 163    | 11.717 | 11.698 | 11.754 | VV | 12249  | 361105  | 5.35%   | 0.356% |
| 164    | 11.783 | 11.754 | 11.818 | VV | 10246  | 368371  | 5.46%   | 0.363% |
| 165    | 11.836 | 11.818 | 11.850 | VV | 9337   | 173750  | 2.58%   | 0.171% |
| 166    | 11.901 | 11.850 | 11.958 | VV | 52498  | 1195460 | 17.72%  | 1.179% |
| 167    | 11.979 | 11.958 | 11.999 | VV | 9425   | 227787  | 3.38%   | 0.225% |
| 168    | 12.007 | 11.999 | 12.072 | VV | 9209   | 374033  | 5.54%   | 0.369% |
| 169    | 12.144 | 12.072 | 12.223 | VV | 32662  | 1039021 | 15.40%  | 1.024% |
| 170    | 12.236 | 12.223 | 12.250 | VV | 8422   | 135110  | 2.00%   | 0.133% |
| 171    | 12.280 | 12.250 | 12.294 | VV | 9194   | 222376  | 3.30%   | 0.219% |
| 172    | 12.311 | 12.294 | 12.344 | VV | 10561  | 263272  | 3.90%   | 0.260% |
| 173    | 12.367 | 12.344 | 12.442 | VV | 9399   | 445669  | 6.60%   | 0.439% |
| 174    | 12.481 | 12.442 | 12.500 | VV | 8975   | 278519  | 4.13%   | 0.275% |
| 175    | 12.537 | 12.500 | 12.579 | VV | 37975  | 701109  | 10.39%  | 0.691% |
| 176    | 12.597 | 12.579 | 12.642 | VV | 8154   | 255585  | 3.79%   | 0.252% |
| 177    | 12.654 | 12.642 | 12.667 | VV | 6010   | 90700   | 1.34%   | 0.089% |
| 178    | 12.680 | 12.667 | 12.702 | VV | 6032   | 120988  | 1.79%   | 0.119% |
| 179    | 12.721 | 12.702 | 12.742 | VV | 5766   | 128890  | 1.91%   | 0.127% |
| 180    | 12.753 | 12.742 | 12.767 | VV | 5361   | 77412   | 1.15%   | 0.076% |
| 181    | 12.793 | 12.767 | 12.844 | VV | 6485   | 268641  | 3.98%   | 0.265% |
| 182    | 12.854 | 12.844 | 12.872 | VV | 5384   | 88276   | 1.31%   | 0.087% |
| 183    | 12.894 | 12.872 | 12.914 | VV | 6605   | 141011  | 2.09%   | 0.139% |
| 184    | 12.930 | 12.914 | 12.943 | VV | 6107   | 95397   | 1.41%   | 0.094% |
| 185    | 12.983 | 12.943 | 13.015 | VV | 382215 | 4795206 | 71.07%  | 4.728% |
| 186    | 13.031 | 13.015 | 13.062 | VV | 6178   | 147649  | 2.19%   | 0.146% |
| 187    | 13.081 | 13.062 | 13.113 | VV | 4517   | 130663  | 1.94%   | 0.129% |
| 188    | 13.147 | 13.113 | 13.204 | VV | 22075  | 450789  | 6.68%   | 0.444% |
| 189    | 13.221 | 13.204 | 13.272 | VV | 4877   | 161826  | 2.40%   | 0.160% |
| 190    | 13.287 | 13.272 | 13.302 | VV | 3570   | 61175   | 0.91%   | 0.060% |
| 191    | 13.318 | 13.302 | 13.345 | VV | 3637   | 88744   | 1.32%   | 0.087% |
| 192    | 13.369 | 13.345 | 13.408 | VV | 6956   | 171811  | 2.55%   | 0.169% |
| 193    | 13.417 | 13.408 | 13.470 | VV | 3418   | 115314  | 1.71%   | 0.114% |
| 194    | 13.489 | 13.470 | 13.507 | VV | 3201   | 67300   | 1.00%   | 0.066% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.525 | 13.507 | 13.552 | VV | 3240   | 77880  | 1.15% | 0.077% |
| 196 | 13.573 | 13.552 | 13.602 | VV | 3278   | 87580  | 1.30% | 0.086% |
| 197 | 13.628 | 13.602 | 13.661 | VV | 2657   | 86268  | 1.28% | 0.085% |
| 198 | 13.679 | 13.661 | 13.699 | VV | 2656   | 53228  | 0.79% | 0.052% |
| 199 | 13.729 | 13.699 | 13.768 | VV | 13054  | 217007 | 3.22% | 0.214% |
| 200 | 13.788 | 13.768 | 13.906 | VV | 2216   | 146323 | 2.17% | 0.144% |
| 201 | 13.957 | 13.906 | 14.041 | VV | 2148   | 130741 | 1.94% | 0.129% |
| 202 | 14.089 | 14.041 | 14.105 | VV | 1692   | 53637  | 0.79% | 0.053% |
| 203 | 14.137 | 14.105 | 14.231 | VV | 2163   | 110002 | 1.63% | 0.108% |
| 204 | 14.241 | 14.231 | 14.256 | VV | 931    | 12926  | 0.19% | 0.013% |
| 205 | 14.288 | 14.256 | 14.318 | VV | 7706   | 117599 | 1.74% | 0.116% |
| 206 | 14.343 | 14.318 | 14.400 | VV | 2319   | 63293  | 0.94% | 0.062% |
| 207 | 14.410 | 14.400 | 14.435 | VV | 822    | 15482  | 0.23% | 0.015% |
| 208 | 14.447 | 14.435 | 14.467 | VV | 722    | 10639  | 0.16% | 0.010% |
| 209 | 14.503 | 14.467 | 14.555 | VV | 1378   | 36249  | 0.54% | 0.036% |
| 210 | 14.576 | 14.555 | 14.592 | VV | 499    | 9125   | 0.14% | 0.009% |
| 211 | 14.630 | 14.592 | 14.658 | VV | 576    | 17396  | 0.26% | 0.017% |
| 212 | 14.684 | 14.658 | 14.738 | VV | 631    | 20107  | 0.30% | 0.020% |
| 213 | 14.761 | 14.738 | 14.778 | VV | 692    | 10708  | 0.16% | 0.011% |
| 214 | 14.825 | 14.778 | 14.852 | VV | 6241   | 103388 | 1.53% | 0.102% |
| 215 | 14.871 | 14.852 | 14.895 | VV | 630    | 10335  | 0.15% | 0.010% |
| 216 | 14.915 | 14.895 | 14.948 | VV | 295    | 6298   | 0.09% | 0.006% |
| 217 | 14.972 | 14.948 | 14.995 | VV | 199    | 4297   | 0.06% | 0.004% |
| 218 | 15.024 | 14.995 | 15.035 | VV | 178    | 2931   | 0.04% | 0.003% |
| 219 | 15.050 | 15.035 | 15.113 | VV | 185    | 4591   | 0.07% | 0.005% |
| 220 | 15.164 | 15.113 | 15.178 | VV | 208    | 4360   | 0.06% | 0.004% |
| 221 | 15.211 | 15.178 | 15.314 | VV | 18421  | 359059 | 5.32% | 0.354% |
| 222 | 15.343 | 15.314 | 15.382 | VV | 8075   | 108216 | 1.60% | 0.107% |
| 223 | 15.417 | 15.382 | 15.448 | VV | 3534   | 54198  | 0.80% | 0.053% |
| 224 | 15.469 | 15.448 | 15.486 | VV | 230    | 3908   | 0.06% | 0.004% |
| 225 | 15.528 | 15.486 | 15.558 | PV | 174    | 3561   | 0.05% | 0.004% |
| 226 | 15.592 | 15.558 | 15.620 | PV | 247    | 5158   | 0.08% | 0.005% |
| 227 | 15.665 | 15.620 | 15.692 | VV | 411    | 8730   | 0.13% | 0.009% |
| 228 | 15.730 | 15.692 | 15.792 | VV | 636    | 16921  | 0.25% | 0.017% |
| 229 | 15.840 | 15.792 | 15.882 | VV | 10211  | 136809 | 2.03% | 0.135% |
| 230 | 15.906 | 15.882 | 15.928 | VV | 207    | 3589   | 0.05% | 0.004% |
| 231 | 15.938 | 15.928 | 15.946 | VV | 137    | 1092   | 0.02% | 0.001% |
| 232 | 15.982 | 15.946 | 15.994 | VV | 131    | 2593   | 0.04% | 0.003% |
| 233 | 16.022 | 15.994 | 16.075 | PV | 209    | 4292   | 0.06% | 0.004% |
| 234 | 16.139 | 16.075 | 16.168 | VV | 808    | 16967  | 0.25% | 0.017% |
| 235 | 16.226 | 16.168 | 16.258 | VV | 1856   | 41165  | 0.61% | 0.041% |
| 236 | 16.321 | 16.258 | 16.361 | VV | 13063  | 188718 | 2.80% | 0.186% |
| 237 | 16.397 | 16.361 | 16.421 | VV | 699    | 10506  | 0.16% | 0.010% |
| 238 | 16.447 | 16.421 | 16.512 | VV | 902    | 17733  | 0.26% | 0.017% |
| 239 | 16.560 | 16.512 | 16.574 | PV | 168    | 3824   | 0.06% | 0.004% |
| 240 | 16.622 | 16.574 | 16.643 | VV | 587    | 11327  | 0.17% | 0.011% |
| 241 | 16.677 | 16.643 | 16.724 | VV | 527    | 15940  | 0.24% | 0.016% |
| 242 | 16.785 | 16.724 | 16.809 | VV | 13936  | 194456 | 2.88% | 0.192% |
| 243 | 16.833 | 16.809 | 16.881 | VV | 15305  | 211782 | 3.14% | 0.209% |
| 244 | 16.942 | 16.881 | 16.952 | VV | 227    | 7477   | 0.11% | 0.007% |
| 245 | 16.979 | 16.952 | 17.005 | VV | 328    | 7909   | 0.12% | 0.008% |
| 246 | 17.022 | 17.005 | 17.032 | VV | 429    | 5486   | 0.08% | 0.005% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.075 | 17.032 | 17.094 | VV | 715    | 18329   | 0.27%  | 0.018% |
| 248 | 17.123 | 17.094 | 17.140 | VV | 948    | 17262   | 0.26%  | 0.017% |
| 249 | 17.162 | 17.140 | 17.197 | VV | 911    | 24419   | 0.36%  | 0.024% |
| 250 | 17.233 | 17.197 | 17.275 | VV | 14566  | 221644  | 3.28%  | 0.219% |
|     |        |        |        |    |        |         |        |        |
| 251 | 17.318 | 17.275 | 17.330 | VV | 845    | 19654   | 0.29%  | 0.019% |
| 252 | 17.371 | 17.330 | 17.388 | VV | 835    | 26276   | 0.39%  | 0.026% |
| 253 | 17.455 | 17.388 | 17.482 | VV | 1201   | 49020   | 0.73%  | 0.048% |
| 254 | 17.512 | 17.482 | 17.537 | VV | 1524   | 39864   | 0.59%  | 0.039% |
| 255 | 17.559 | 17.537 | 17.582 | VV | 1367   | 30176   | 0.45%  | 0.030% |
|     |        |        |        |    |        |         |        |        |
| 256 | 17.623 | 17.582 | 17.637 | VV | 2018   | 52690   | 0.78%  | 0.052% |
| 257 | 17.667 | 17.637 | 17.698 | VV | 14868  | 232193  | 3.44%  | 0.229% |
| 258 | 17.756 | 17.698 | 17.779 | VV | 2449   | 91426   | 1.35%  | 0.090% |
| 259 | 18.849 | 18.779 | 18.858 | VV | 2043   | 92069   | 1.36%  | 0.091% |
| 260 | 17.896 | 17.858 | 17.918 | VV | 2486   | 78898   | 1.17%  | 0.078% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.938 | 17.918 | 17.958 | VV | 2701   | 58213   | 0.86%  | 0.057% |
| 262 | 17.988 | 17.958 | 18.005 | VV | 3666   | 82437   | 1.22%  | 0.081% |
| 263 | 18.035 | 18.005 | 18.064 | VV | 10594  | 238624  | 3.54%  | 0.235% |
| 264 | 18.087 | 18.064 | 18.125 | VV | 15080  | 276389  | 4.10%  | 0.272% |
| 265 | 18.185 | 18.125 | 18.232 | VV | 3927   | 198014  | 2.93%  | 0.195% |
|     |        |        |        |    |        |         |        |        |
| 266 | 18.239 | 18.232 | 18.265 | VV | 3171   | 62583   | 0.93%  | 0.062% |
| 267 | 18.299 | 18.265 | 18.315 | VV | 3864   | 107649  | 1.60%  | 0.106% |
| 268 | 18.351 | 18.315 | 18.375 | VV | 4400   | 142423  | 2.11%  | 0.140% |
| 269 | 18.395 | 18.375 | 18.418 | VV | 4216   | 105270  | 1.56%  | 0.104% |
| 270 | 18.493 | 18.418 | 18.540 | VV | 14282  | 475681  | 7.05%  | 0.469% |
|     |        |        |        |    |        |         |        |        |
| 271 | 18.592 | 18.540 | 18.635 | VV | 6184   | 307859  | 4.56%  | 0.304% |
| 272 | 18.654 | 18.635 | 18.671 | VV | 5681   | 122099  | 1.81%  | 0.120% |
| 273 | 18.753 | 18.671 | 18.774 | VV | 6533   | 367882  | 5.45%  | 0.363% |
| 274 | 18.796 | 18.774 | 18.813 | VV | 6449   | 149632  | 2.22%  | 0.148% |
| 275 | 18.859 | 18.813 | 18.871 | VV | 13379  | 330743  | 4.90%  | 0.326% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.889 | 18.871 | 18.937 | VV | 14895  | 434031  | 6.43%  | 0.428% |
| 277 | 18.988 | 18.937 | 19.005 | VV | 8320   | 326292  | 4.84%  | 0.322% |
| 278 | 19.053 | 19.005 | 19.063 | VV | 8518   | 292408  | 4.33%  | 0.288% |
| 279 | 19.088 | 19.063 | 19.106 | VV | 9288   | 227708  | 3.37%  | 0.224% |
| 280 | 19.138 | 19.106 | 19.158 | VV | 9227   | 277193  | 4.11%  | 0.273% |
|     |        |        |        |    |        |         |        |        |
| 281 | 19.182 | 19.158 | 19.200 | VV | 9726   | 241682  | 3.58%  | 0.238% |
| 282 | 19.273 | 19.200 | 19.303 | VV | 14872  | 675370  | 10.01% | 0.666% |
| 283 | 19.334 | 19.303 | 19.351 | VV | 11418  | 314660  | 4.66%  | 0.310% |
| 284 | 19.382 | 19.351 | 19.408 | VV | 12062  | 397484  | 5.89%  | 0.392% |
| 285 | 19.448 | 19.408 | 19.468 | VV | 12676  | 429757  | 6.37%  | 0.424% |
|     |        |        |        |    |        |         |        |        |
| 286 | 19.559 | 19.468 | 19.582 | VV | 13669  | 878325  | 13.02% | 0.866% |
| 287 | 19.642 | 19.582 | 19.688 | VV | 19427  | 980691  | 14.53% | 0.967% |
| 288 | 19.745 | 19.688 | 19.765 | VV | 16264  | 718949  | 10.65% | 0.709% |
| 289 | 19.896 | 19.765 | 19.918 | VV | 19075  | 1609436 | 23.85% | 1.587% |
| 290 | 20.009 | 19.918 | 20.035 | VV | 22383  | 1404190 | 20.81% | 1.384% |
|     |        |        |        |    |        |         |        |        |
| 291 | 20.051 | 20.035 | 20.065 | VV | 20573  | 360893  | 5.35%  | 0.356% |
| 292 | 20.170 | 20.065 | 20.202 | VV | 24922  | 1796773 | 26.63% | 1.771% |
| 293 | 20.362 | 20.202 | 20.398 | VV | 27671  | 2912568 | 43.16% | 2.871% |
| 294 | 20.465 | 20.398 | 20.485 | VV | 27348  | 1401104 | 20.76% | 1.381% |
| 295 | 20.511 | 20.485 | 20.601 | VV | 27078  | 1806396 | 26.77% | 1.781% |
|     |        |        |        |    |        |         |        |        |
| 296 | 20.729 | 20.601 | 20.808 | VV | 27114  | 3216885 | 47.67% | 3.171% |
| 297 | 20.825 | 20.808 | 20.965 | VV | 25397  | 2308434 | 34.21% | 2.276% |
| 298 | 21.037 | 20.965 | 21.069 | VV | 24010  | 1477637 | 21.90% | 1.457% |
| 299 | 21.137 | 21.069 | 21.228 | VV | 25034  | 2310024 | 34.23% | 2.277% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     | rteres                  |           |        |        |
| 300 | 21.300 | 21.228 | 21.352 | VV  | 24462                   | 1789950   | 26.53% | 1.765% |
| 301 | 21.368 | 21.352 | 21.525 | VV  | 24024                   | 2397135   | 35.53% | 2.363% |
| 302 | 21.539 | 21.525 | 21.547 | VV  | 22309                   | 295921    | 4.39%  | 0.292% |
| 303 | 21.606 | 21.547 | 21.782 | VV  | 22954                   | 3145048   | 46.61% | 3.101% |
| 304 | 21.805 | 21.782 | 21.825 | VV  | 21804                   | 560591    | 8.31%  | 0.553% |
| 305 | 21.836 | 21.825 | 21.843 | VV  | 21793                   | 243044    | 3.60%  | 0.240% |
| 306 | 21.861 | 21.843 | 21.902 | VBA | 21775                   | 793222    | 11.76% | 0.782% |
|     |        |        |        |     | Sum of corrected areas: | 101431549 |        |        |

Alaphatic EPH 110519.M Wed Nov 27 08:01:24 2019