

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102419AL\  
Data File : FC044189.D  
Signal(s) : FID1A.CH  
Acq On : 25 Oct 2019 00:38  
Sample : K5148-11DL 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.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         | 3.433       | 3.402        | 3.449      | BV       | 295            | 3235         | 0.26%          | 0.010%        |
| 2         | 3.456       | 3.449        | 3.482      | VV       | 243            | 1610         | 0.13%          | 0.005%        |
| 3         | 3.508       | 3.482        | 3.527      | PV       | 147            | 1990         | 0.16%          | 0.006%        |
| 4         | 3.535       | 3.527        | 3.609      | PV       | 206            | 5302         | 0.42%          | 0.017%        |
| 5         | 3.633       | 3.609        | 3.660      | PV       | 218            | 3038         | 0.24%          | 0.010%        |
| 6         | 3.685       | 3.660        | 3.697      | VV       | 188            | 2507         | 0.20%          | 0.008%        |
| 7         | 3.712       | 3.697        | 3.742      | VV       | 288            | 5284         | 0.42%          | 0.017%        |
| 8         | 3.769       | 3.742        | 3.797      | VV       | 202            | 4803         | 0.38%          | 0.015%        |
| 9         | 3.811       | 3.797        | 3.832      | VV       | 340            | 4329         | 0.34%          | 0.014%        |
| 10        | 3.887       | 3.832        | 3.915      | VV       | 261            | 8426         | 0.67%          | 0.027%        |
| 11        | 3.934       | 3.915        | 3.976      | VV       | 343            | 6112         | 0.48%          | 0.019%        |
| 12        | 3.986       | 3.976        | 4.000      | PV       | 234            | 2454         | 0.19%          | 0.008%        |
| 13        | 4.018       | 4.000        | 4.067      | VV       | 572            | 9306         | 0.74%          | 0.030%        |
| 14        | 4.083       | 4.067        | 4.097      | VV       | 1329           | 11319        | 0.90%          | 0.036%        |
| 15        | 4.110       | 4.097        | 4.124      | VV       | 427            | 4884         | 0.39%          | 0.015%        |
| 16        | 4.137       | 4.124        | 4.162      | VV       | 381            | 5318         | 0.42%          | 0.017%        |
| 17        | 4.172       | 4.162        | 4.181      | VV       | 246            | 2056         | 0.16%          | 0.007%        |
| 18        | 4.207       | 4.181        | 4.234      | VV       | 368            | 6238         | 0.49%          | 0.020%        |
| 19        | 4.275       | 4.234        | 4.339      | VV       | 1006           | 18662        | 1.48%          | 0.059%        |
| 20        | 4.360       | 4.339        | 4.390      | VV       | 254            | 4168         | 0.33%          | 0.013%        |
| 21        | 4.423       | 4.390        | 4.452      | VV       | 156            | 5095         | 0.40%          | 0.016%        |
| 22        | 4.467       | 4.452        | 4.479      | VV       | 167            | 2038         | 0.16%          | 0.006%        |
| 23        | 4.511       | 4.479        | 4.535      | VV       | 1011           | 13053        | 1.03%          | 0.041%        |
| 24        | 4.556       | 4.535        | 4.571      | VV       | 497            | 6249         | 0.49%          | 0.020%        |
| 25        | 4.579       | 4.571        | 4.596      | VV       | 308            | 3651         | 0.29%          | 0.012%        |
| 26        | 4.605       | 4.596        | 4.644      | VV       | 293            | 3923         | 0.31%          | 0.012%        |
| 27        | 4.663       | 4.644        | 4.696      | VV       | 921            | 10946        | 0.87%          | 0.035%        |
| 28        | 4.727       | 4.696        | 4.751      | VV       | 925            | 12652        | 1.00%          | 0.040%        |
| 29        | 4.768       | 4.751        | 4.782      | VV       | 392            | 4853         | 0.38%          | 0.015%        |
| 30        | 4.798       | 4.782        | 4.813      | VV       | 278            | 3456         | 0.27%          | 0.011%        |
| 31        | 4.844       | 4.813        | 4.879      | VV       | 420            | 8541         | 0.68%          | 0.027%        |
| 32        | 4.886       | 4.879        | 4.913      | VV       | 256            | 3429         | 0.27%          | 0.011%        |
| 33        | 4.929       | 4.913        | 4.948      | VV       | 361            | 4131         | 0.33%          | 0.013%        |
| 34        | 4.967       | 4.948        | 4.984      | VV       | 263            | 3982         | 0.32%          | 0.013%        |
| 35        | 4.994       | 4.984        | 5.025      | VV       | 250            | 3047         | 0.24%          | 0.010%        |
| 36        | 5.044       | 5.025        | 5.092      | VV       | 274            | 6093         | 0.48%          | 0.019%        |

|    |       |       |       |    |        |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
|    |       |       |       |    | rteres |        |        |        |
| 37 | 5.123 | 5.092 | 5.132 | VV | 198    | 3757   | 0.30%  | 0.012% |
| 38 | 5.150 | 5.132 | 5.182 | VV | 650    | 10627  | 0.84%  | 0.034% |
| 39 | 5.209 | 5.182 | 5.224 | VV | 395    | 6361   | 0.50%  | 0.020% |
| 40 | 5.234 | 5.224 | 5.246 | VV | 359    | 3187   | 0.25%  | 0.010% |
| 41 | 5.254 | 5.246 | 5.282 | VV | 298    | 4201   | 0.33%  | 0.013% |
| 42 | 5.292 | 5.282 | 5.310 | VV | 242    | 2037   | 0.16%  | 0.006% |
| 43 | 5.345 | 5.310 | 5.362 | PV | 293    | 5973   | 0.47%  | 0.019% |
| 44 | 5.370 | 5.362 | 5.412 | VV | 212    | 4599   | 0.36%  | 0.015% |
| 45 | 5.432 | 5.412 | 5.441 | VV | 236    | 2898   | 0.23%  | 0.009% |
| 46 | 5.447 | 5.441 | 5.466 | VV | 177    | 1581   | 0.13%  | 0.005% |
| 47 | 5.480 | 5.466 | 5.502 | VV | 140    | 2466   | 0.20%  | 0.008% |
| 48 | 5.508 | 5.502 | 5.537 | VV | 180    | 2825   | 0.22%  | 0.009% |
| 49 | 5.555 | 5.537 | 5.576 | VV | 1168   | 12467  | 0.99%  | 0.040% |
| 50 | 5.593 | 5.576 | 5.619 | VV | 652    | 8694   | 0.69%  | 0.028% |
| 51 | 5.627 | 5.619 | 5.639 | VV | 159    | 1499   | 0.12%  | 0.005% |
| 52 | 5.652 | 5.639 | 5.679 | VV | 218    | 3078   | 0.24%  | 0.010% |
| 53 | 5.685 | 5.679 | 5.701 | VV | 150    | 1050   | 0.08%  | 0.003% |
| 54 | 5.712 | 5.701 | 5.723 | VV | 120    | 1499   | 0.12%  | 0.005% |
| 55 | 5.747 | 5.723 | 5.767 | VV | 470    | 5996   | 0.47%  | 0.019% |
| 56 | 5.776 | 5.767 | 5.793 | VV | 314    | 3219   | 0.25%  | 0.010% |
| 57 | 5.844 | 5.793 | 5.855 | VV | 783    | 13611  | 1.08%  | 0.043% |
| 58 | 5.864 | 5.855 | 5.884 | VV | 461    | 5889   | 0.47%  | 0.019% |
| 59 | 5.896 | 5.884 | 5.917 | VV | 518    | 5568   | 0.44%  | 0.018% |
| 60 | 5.937 | 5.917 | 5.976 | VV | 211    | 4671   | 0.37%  | 0.015% |
| 61 | 5.981 | 5.976 | 5.998 | VV | 202    | 1772   | 0.14%  | 0.006% |
| 62 | 6.017 | 5.998 | 6.036 | VV | 128    | 2484   | 0.20%  | 0.008% |
| 63 | 6.058 | 6.036 | 6.084 | VV | 267    | 3992   | 0.32%  | 0.013% |
| 64 | 6.110 | 6.084 | 6.139 | VV | 38013  | 360133 | 28.52% | 1.142% |
| 65 | 6.158 | 6.139 | 6.181 | VV | 1099   | 11576  | 0.92%  | 0.037% |
| 66 | 6.197 | 6.181 | 6.219 | VV | 300    | 3829   | 0.30%  | 0.012% |
| 67 | 6.254 | 6.219 | 6.282 | VV | 470    | 9593   | 0.76%  | 0.030% |
| 68 | 6.289 | 6.282 | 6.344 | VV | 217    | 6221   | 0.49%  | 0.020% |
| 69 | 6.363 | 6.344 | 6.375 | VV | 242    | 3584   | 0.28%  | 0.011% |
| 70 | 6.384 | 6.375 | 6.414 | VV | 261    | 3666   | 0.29%  | 0.012% |
| 71 | 6.418 | 6.414 | 6.453 | VV | 429    | 3420   | 0.27%  | 0.011% |
| 72 | 6.464 | 6.453 | 6.511 | VV | 236    | 4217   | 0.33%  | 0.013% |
| 73 | 6.542 | 6.511 | 6.607 | PV | 894    | 13582  | 1.08%  | 0.043% |
| 74 | 6.663 | 6.607 | 6.675 | VV | 266    | 5072   | 0.40%  | 0.016% |
| 75 | 6.688 | 6.675 | 6.703 | VV | 304    | 3025   | 0.24%  | 0.010% |
| 76 | 6.720 | 6.703 | 6.729 | VV | 639    | 2919   | 0.23%  | 0.009% |
| 77 | 6.748 | 6.729 | 6.784 | VV | 232    | 4936   | 0.39%  | 0.016% |
| 78 | 6.828 | 6.784 | 6.846 | PV | 311    | 5087   | 0.40%  | 0.016% |
| 79 | 6.861 | 6.846 | 6.876 | VV | 256    | 3549   | 0.28%  | 0.011% |
| 80 | 6.896 | 6.876 | 6.912 | VV | 165    | 3591   | 0.28%  | 0.011% |
| 81 | 6.944 | 6.912 | 6.971 | VV | 308    | 6591   | 0.52%  | 0.021% |
| 82 | 6.981 | 6.971 | 7.032 | VV | 248    | 5521   | 0.44%  | 0.018% |
| 83 | 7.076 | 7.032 | 7.092 | VV | 492    | 8246   | 0.65%  | 0.026% |
| 84 | 7.107 | 7.092 | 7.122 | VV | 275    | 4125   | 0.33%  | 0.013% |
| 85 | 7.171 | 7.122 | 7.201 | VV | 18615  | 187102 | 14.82% | 0.593% |
| 86 | 7.220 | 7.201 | 7.235 | VV | 439    | 6572   | 0.52%  | 0.021% |
| 87 | 7.266 | 7.235 | 7.283 | VV | 575    | 10065  | 0.80%  | 0.032% |
| 88 | 7.307 | 7.283 | 7.352 | VV | 12804  | 126773 | 10.04% | 0.402% |
| 89 | 7.364 | 7.352 | 7.416 | VV | 271    | 6049   | 0.48%  | 0.019% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.465  | 7.416  | 7.497  | VV | 590    | 9693   | 0.77%  | 0.031% |
| 91  | 7.537  | 7.497  | 7.584  | VV | 230    | 6556   | 0.52%  | 0.021% |
| 92  | 7.608  | 7.584  | 7.624  | VV | 120    | 2238   | 0.18%  | 0.007% |
| 93  | 7.656  | 7.624  | 7.682  | VV | 257    | 4432   | 0.35%  | 0.014% |
| 94  | 7.704  | 7.682  | 7.715  | VV | 175    | 1900   | 0.15%  | 0.006% |
| 95  | 7.724  | 7.715  | 7.747  | PV | 161    | 1219   | 0.10%  | 0.004% |
| 96  | 7.896  | 7.824  | 7.957  | VV | 4264   | 56282  | 4.46%  | 0.178% |
| 97  | 7.997  | 7.957  | 8.021  | VV | 438    | 8469   | 0.67%  | 0.027% |
| 98  | 8.055  | 8.021  | 8.084  | VV | 2273   | 32910  | 2.61%  | 0.104% |
| 99  | 8.099  | 8.084  | 8.114  | VV | 393    | 5518   | 0.44%  | 0.017% |
| 100 | 8.165  | 8.114  | 8.209  | VV | 2760   | 64041  | 5.07%  | 0.203% |
| 101 | 8.228  | 8.209  | 8.244  | VV | 359    | 5406   | 0.43%  | 0.017% |
| 102 | 8.271  | 8.244  | 8.287  | VV | 5787   | 64434  | 5.10%  | 0.204% |
| 103 | 8.299  | 8.287  | 8.322  | VV | 3556   | 39564  | 3.13%  | 0.125% |
| 104 | 8.335  | 8.322  | 8.374  | VV | 1009   | 14495  | 1.15%  | 0.046% |
| 105 | 8.401  | 8.374  | 8.416  | VV | 4551   | 44696  | 3.54%  | 0.142% |
| 106 | 8.433  | 8.416  | 8.489  | VV | 2016   | 44325  | 3.51%  | 0.141% |
| 107 | 8.512  | 8.489  | 8.531  | VV | 289    | 5211   | 0.41%  | 0.017% |
| 108 | 8.546  | 8.531  | 8.582  | VV | 1547   | 17191  | 1.36%  | 0.055% |
| 109 | 8.594  | 8.582  | 8.620  | VV | 226    | 3434   | 0.27%  | 0.011% |
| 110 | 8.702  | 8.684  | 8.729  | VV | 1145   | 16866  | 1.34%  | 0.053% |
| 111 | 8.867  | 8.839  | 8.930  | VV | 1085   | 26143  | 2.07%  | 0.083% |
| 112 | 8.941  | 8.930  | 8.956  | VV | 281    | 3123   | 0.25%  | 0.010% |
| 113 | 8.993  | 8.956  | 9.006  | VV | 1849   | 28917  | 2.29%  | 0.092% |
| 114 | 9.026  | 9.006  | 9.051  | VV | 11477  | 117469 | 9.30%  | 0.373% |
| 115 | 9.064  | 9.051  | 9.091  | VV | 680    | 11538  | 0.91%  | 0.037% |
| 116 | 9.116  | 9.091  | 9.136  | VV | 746    | 11805  | 0.93%  | 0.037% |
| 117 | 9.163  | 9.136  | 9.182  | VV | 1932   | 23781  | 1.88%  | 0.075% |
| 118 | 9.203  | 9.182  | 9.262  | VV | 1372   | 21692  | 1.72%  | 0.069% |
| 119 | 9.274  | 9.262  | 9.289  | VV | 215    | 1674   | 0.13%  | 0.005% |
| 120 | 9.320  | 9.289  | 9.336  | VV | 1174   | 14369  | 1.14%  | 0.046% |
| 121 | 9.351  | 9.336  | 9.386  | VV | 1273   | 13646  | 1.08%  | 0.043% |
| 122 | 9.409  | 9.386  | 9.476  | VV | 5362   | 28716  | 2.27%  | 0.091% |
| 123 | 9.493  | 9.476  | 9.507  | VV | 368    | 4788   | 0.38%  | 0.015% |
| 124 | 9.539  | 9.507  | 9.590  | VV | 23271  | 243152 | 19.26% | 0.771% |
| 125 | 9.621  | 9.590  | 9.646  | VV | 1491   | 26165  | 2.07%  | 0.083% |
| 126 | 9.661  | 9.646  | 9.676  | VV | 1227   | 13864  | 1.10%  | 0.044% |
| 127 | 9.692  | 9.676  | 9.734  | VV | 3108   | 50800  | 4.02%  | 0.161% |
| 128 | 9.753  | 9.734  | 9.791  | VV | 2293   | 30306  | 2.40%  | 0.096% |
| 129 | 9.802  | 9.791  | 9.838  | VV | 346    | 6791   | 0.54%  | 0.022% |
| 130 | 9.861  | 9.838  | 9.888  | VV | 2808   | 33934  | 2.69%  | 0.108% |
| 131 | 9.906  | 9.888  | 9.922  | VV | 537    | 9210   | 0.73%  | 0.029% |
| 132 | 9.961  | 9.922  | 10.006 | VV | 3663   | 62972  | 4.99%  | 0.200% |
| 133 | 10.025 | 10.006 | 10.044 | VV | 678    | 9148   | 0.72%  | 0.029% |
| 134 | 10.061 | 10.044 | 10.092 | VV | 482    | 7422   | 0.59%  | 0.024% |
| 135 | 10.125 | 10.092 | 10.182 | VV | 440    | 10811  | 0.86%  | 0.034% |
| 136 | 10.189 | 10.182 | 10.204 | PV | 134    | 1054   | 0.08%  | 0.003% |
| 137 | 10.224 | 10.204 | 10.242 | VV | 302    | 3818   | 0.30%  | 0.012% |
| 138 | 10.284 | 10.242 | 10.314 | VV | 504    | 9901   | 0.78%  | 0.031% |
| 139 | 10.337 | 10.314 | 10.374 | VV | 693    | 13621  | 1.08%  | 0.043% |
| 140 | 10.423 | 10.374 | 10.445 | VV | 3428   | 53479  | 4.24%  | 0.170% |
| 141 | 10.463 | 10.445 | 10.507 | VV | 1735   | 24732  | 1.96%  | 0.078% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.541 | 10.507 | 10.576 | VV | 1878   | 31962   | 2.53%   | 0.101% |
| 143 | 10.593 | 10.576 | 10.651 | VV | 1485   | 30170   | 2.39%   | 0.096% |
| 144 | 10.682 | 10.651 | 10.697 | VV | 1308   | 18489   | 1.46%   | 0.059% |
| 145 | 10.710 | 10.697 | 10.722 | VV | 1213   | 13832   | 1.10%   | 0.044% |
| 146 | 10.749 | 10.722 | 10.802 | VV | 6319   | 97731   | 7.74%   | 0.310% |
| 147 | 10.842 | 10.802 | 10.862 | VV | 891    | 15326   | 1.21%   | 0.049% |
| 148 | 10.887 | 10.862 | 10.895 | VV | 900    | 6320    | 0.50%   | 0.020% |
| 149 | 10.947 | 10.895 | 10.992 | VV | 117393 | 1262690 | 100.00% | 4.004% |
| 150 | 11.020 | 10.992 | 11.086 | VV | 21740  | 244433  | 19.36%  | 0.775% |
| 151 | 11.099 | 11.086 | 11.144 | VV | 586    | 12738   | 1.01%   | 0.040% |
| 152 | 11.154 | 11.144 | 11.172 | VV | 238    | 3498    | 0.28%   | 0.011% |
| 153 | 11.190 | 11.172 | 11.211 | VV | 1013   | 11871   | 0.94%   | 0.038% |
| 154 | 11.231 | 11.211 | 11.277 | VV | 6150   | 72456   | 5.74%   | 0.230% |
| 155 | 11.307 | 11.277 | 11.321 | VV | 434    | 7943    | 0.63%   | 0.025% |
| 156 | 11.343 | 11.321 | 11.365 | VV | 598    | 11176   | 0.89%   | 0.035% |
| 157 | 11.386 | 11.365 | 11.424 | VV | 960    | 19116   | 1.51%   | 0.061% |
| 158 | 11.479 | 11.424 | 11.509 | VV | 2545   | 57100   | 4.52%   | 0.181% |
| 159 | 11.542 | 11.509 | 11.563 | PV | 810    | 13280   | 1.05%   | 0.042% |
| 160 | 11.600 | 11.563 | 11.624 | VV | 1814   | 24363   | 1.93%   | 0.077% |
| 161 | 11.641 | 11.624 | 11.662 | VV | 463    | 7517    | 0.60%   | 0.024% |
| 162 | 11.713 | 11.662 | 11.736 | VV | 75755  | 818377  | 64.81%  | 2.595% |
| 163 | 11.750 | 11.736 | 11.765 | VV | 9307   | 99453   | 7.88%   | 0.315% |
| 164 | 11.781 | 11.765 | 11.827 | VV | 11556  | 127030  | 10.06%  | 0.403% |
| 165 | 11.867 | 11.827 | 11.885 | PV | 12175  | 163359  | 12.94%  | 0.518% |
| 166 | 11.899 | 11.885 | 11.913 | VV | 4259   | 47142   | 3.73%   | 0.150% |
| 167 | 11.930 | 11.913 | 11.957 | VV | 6315   | 72657   | 5.75%   | 0.230% |
| 168 | 11.969 | 11.957 | 11.984 | PV | 255    | 2066    | 0.16%   | 0.007% |
| 169 | 12.005 | 11.984 | 12.023 | VV | 485    | 7106    | 0.56%   | 0.023% |
| 170 | 12.059 | 12.023 | 12.080 | VV | 966    | 15231   | 1.21%   | 0.048% |
| 171 | 12.105 | 12.080 | 12.129 | VV | 3328   | 37440   | 2.97%   | 0.119% |
| 172 | 12.156 | 12.129 | 12.195 | VV | 653    | 14514   | 1.15%   | 0.046% |
| 173 | 12.221 | 12.195 | 12.244 | VV | 6772   | 73874   | 5.85%   | 0.234% |
| 174 | 12.253 | 12.244 | 12.267 | VV | 753    | 7883    | 0.62%   | 0.025% |
| 175 | 12.300 | 12.267 | 12.352 | VV | 6147   | 93075   | 7.37%   | 0.295% |
| 176 | 12.371 | 12.352 | 12.388 | VV | 987    | 12380   | 0.98%   | 0.039% |
| 177 | 12.401 | 12.388 | 12.417 | VV | 544    | 6348    | 0.50%   | 0.020% |
| 178 | 12.438 | 12.417 | 12.457 | VV | 471    | 9057    | 0.72%   | 0.029% |
| 179 | 12.475 | 12.457 | 12.524 | VV | 1034   | 25824   | 2.05%   | 0.082% |
| 180 | 12.542 | 12.524 | 12.579 | VV | 1872   | 31074   | 2.46%   | 0.099% |
| 181 | 12.601 | 12.579 | 12.632 | VV | 984    | 18498   | 1.46%   | 0.059% |
| 182 | 12.653 | 12.632 | 12.672 | VV | 3572   | 45520   | 3.61%   | 0.144% |
| 183 | 12.694 | 12.672 | 12.733 | VV | 1959   | 50299   | 3.98%   | 0.160% |
| 184 | 12.770 | 12.733 | 12.811 | VV | 80531  | 892714  | 70.70%  | 2.831% |
| 185 | 12.830 | 12.811 | 12.851 | VV | 678    | 8830    | 0.70%   | 0.028% |
| 186 | 12.869 | 12.851 | 12.882 | VV | 382    | 4641    | 0.37%   | 0.015% |
| 187 | 12.926 | 12.882 | 12.942 | VV | 1421   | 27350   | 2.17%   | 0.087% |
| 188 | 12.958 | 12.942 | 13.040 | VV | 3002   | 67935   | 5.38%   | 0.215% |
| 189 | 13.070 | 13.040 | 13.100 | VV | 63260  | 677940  | 53.69%  | 2.150% |
| 190 | 13.148 | 13.100 | 13.189 | VV | 62917  | 826925  | 65.49%  | 2.622% |
| 191 | 13.204 | 13.189 | 13.222 | VV | 346    | 6455    | 0.51%   | 0.020% |
| 192 | 13.242 | 13.222 | 13.256 | VV | 2337   | 27038   | 2.14%   | 0.086% |
| 193 | 13.264 | 13.256 | 13.292 | VV | 1622   | 21248   | 1.68%   | 0.067% |
| 194 | 13.335 | 13.292 | 13.365 | PV | 3678   | 58809   | 4.66%   | 0.187% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.405 | 13.365 | 13.445 | VV | 1461   | 34283  | 2.72%  | 0.109% |
| 196 | 13.466 | 13.445 | 13.504 | VV | 1584   | 24279  | 1.92%  | 0.077% |
| 197 | 13.535 | 13.504 | 13.594 | VV | 4121   | 73568  | 5.83%  | 0.233% |
| 198 | 13.658 | 13.594 | 13.694 | VV | 10015  | 141873 | 11.24% | 0.450% |
| 199 | 13.728 | 13.694 | 13.742 | PV | 905    | 13782  | 1.09%  | 0.044% |
| 200 | 13.766 | 13.742 | 13.789 | VV | 7890   | 99092  | 7.85%  | 0.314% |
| 201 | 13.807 | 13.789 | 13.836 | VV | 3621   | 47153  | 3.73%  | 0.150% |
| 202 | 13.850 | 13.836 | 13.872 | VV | 1580   | 19525  | 1.55%  | 0.062% |
| 203 | 13.936 | 13.872 | 13.958 | VV | 3523   | 88605  | 7.02%  | 0.281% |
| 204 | 13.978 | 13.958 | 14.007 | VV | 2703   | 33368  | 2.64%  | 0.106% |
| 205 | 14.048 | 14.007 | 14.069 | VV | 723    | 10706  | 0.85%  | 0.034% |
| 206 | 14.085 | 14.069 | 14.099 | VV | 421    | 5416   | 0.43%  | 0.017% |
| 207 | 14.119 | 14.099 | 14.127 | VV | 338    | 5631   | 0.45%  | 0.018% |
| 208 | 14.139 | 14.127 | 14.174 | VV | 638    | 10710  | 0.85%  | 0.034% |
| 209 | 14.185 | 14.174 | 14.206 | VV | 542    | 5905   | 0.47%  | 0.019% |
| 210 | 14.243 | 14.206 | 14.252 | PV | 329    | 4441   | 0.35%  | 0.014% |
| 211 | 14.267 | 14.252 | 14.276 | PV | 238    | 1890   | 0.15%  | 0.006% |
| 212 | 14.362 | 14.276 | 14.379 | VV | 1377   | 39134  | 3.10%  | 0.124% |
| 213 | 14.393 | 14.379 | 14.409 | VV | 2257   | 27820  | 2.20%  | 0.088% |
| 214 | 14.420 | 14.409 | 14.442 | VV | 1382   | 17442  | 1.38%  | 0.055% |
| 215 | 14.465 | 14.442 | 14.484 | VV | 1583   | 25735  | 2.04%  | 0.082% |
| 216 | 14.499 | 14.484 | 14.531 | VV | 1269   | 25670  | 2.03%  | 0.081% |
| 217 | 14.577 | 14.531 | 14.615 | VV | 4283   | 88977  | 7.05%  | 0.282% |
| 218 | 14.640 | 14.615 | 14.661 | VV | 7315   | 94884  | 7.51%  | 0.301% |
| 219 | 14.696 | 14.661 | 14.722 | VV | 2862   | 75812  | 6.00%  | 0.240% |
| 220 | 14.760 | 14.722 | 14.781 | VV | 1779   | 48116  | 3.81%  | 0.153% |
| 221 | 14.822 | 14.781 | 14.857 | VV | 2761   | 82713  | 6.55%  | 0.262% |
| 222 | 14.900 | 14.857 | 14.916 | VV | 2434   | 58470  | 4.63%  | 0.185% |
| 223 | 14.950 | 14.916 | 14.969 | VV | 24705  | 321447 | 25.46% | 1.019% |
| 224 | 14.991 | 14.969 | 15.025 | VV | 23883  | 340129 | 26.94% | 1.079% |
| 225 | 15.044 | 15.025 | 15.067 | VV | 1966   | 41267  | 3.27%  | 0.131% |
| 226 | 15.113 | 15.067 | 15.140 | VV | 6556   | 124106 | 9.83%  | 0.394% |
| 227 | 15.155 | 15.140 | 15.170 | VV | 1976   | 33140  | 2.62%  | 0.105% |
| 228 | 15.188 | 15.170 | 15.231 | VV | 2543   | 57788  | 4.58%  | 0.183% |
| 229 | 15.251 | 15.231 | 15.277 | VV | 2228   | 45388  | 3.59%  | 0.144% |
| 230 | 15.292 | 15.277 | 15.351 | VV | 2226   | 59404  | 4.70%  | 0.188% |
| 231 | 15.388 | 15.351 | 15.429 | VV | 4243   | 91768  | 7.27%  | 0.291% |
| 232 | 15.437 | 15.429 | 15.456 | VV | 868    | 10503  | 0.83%  | 0.033% |
| 233 | 15.527 | 15.456 | 15.565 | VV | 1564   | 46553  | 3.69%  | 0.148% |
| 234 | 15.583 | 15.565 | 15.594 | VV | 1033   | 12983  | 1.03%  | 0.041% |
| 235 | 15.633 | 15.594 | 15.689 | VV | 5982   | 159833 | 12.66% | 0.507% |
| 236 | 15.706 | 15.689 | 15.725 | VV | 1227   | 15818  | 1.25%  | 0.050% |
| 237 | 15.787 | 15.725 | 15.828 | VV | 3057   | 82149  | 6.51%  | 0.261% |
| 238 | 15.863 | 15.828 | 15.896 | VV | 1354   | 18321  | 1.45%  | 0.058% |
| 239 | 15.950 | 15.896 | 15.975 | PV | 1200   | 24663  | 1.95%  | 0.078% |
| 240 | 15.983 | 15.975 | 15.999 | VV | 615    | 6005   | 0.48%  | 0.019% |
| 241 | 16.036 | 15.999 | 16.092 | VV | 1635   | 51400  | 4.07%  | 0.163% |
| 242 | 16.101 | 16.092 | 16.126 | VV | 500    | 7664   | 0.61%  | 0.024% |
| 243 | 16.133 | 16.126 | 16.153 | VV | 458    | 3923   | 0.31%  | 0.012% |
| 244 | 16.228 | 16.153 | 16.244 | PV | 1640   | 29282  | 2.32%  | 0.093% |
| 245 | 16.257 | 16.244 | 16.274 | VV | 1072   | 15694  | 1.24%  | 0.050% |
| 246 | 16.295 | 16.274 | 16.308 | VV | 1343   | 20500  | 1.62%  | 0.065% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.332 | 16.308 | 16.356 | VV | 2207   | 40348  | 3.20%  | 0.128% |
| 248 | 16.379 | 16.356 | 16.393 | VV | 976    | 16226  | 1.29%  | 0.051% |
| 249 | 16.435 | 16.393 | 16.462 | VV | 1897   | 44509  | 3.52%  | 0.141% |
| 250 | 16.512 | 16.462 | 16.531 | PV | 19530  | 283720 | 22.47% | 0.900% |
| 251 | 16.539 | 16.531 | 16.563 | VV | 7988   | 87379  | 6.92%  | 0.277% |
| 252 | 16.644 | 16.563 | 16.666 | VV | 4888   | 109892 | 8.70%  | 0.349% |
| 253 | 16.683 | 16.666 | 16.697 | VV | 2584   | 41521  | 3.29%  | 0.132% |
| 254 | 16.701 | 16.697 | 16.722 | VV | 2418   | 29690  | 2.35%  | 0.094% |
| 255 | 16.733 | 16.722 | 16.751 | VV | 2264   | 30613  | 2.42%  | 0.097% |
| 256 | 16.836 | 16.751 | 16.866 | VV | 12114  | 281903 | 22.33% | 0.894% |
| 257 | 16.892 | 16.866 | 16.922 | VV | 16099  | 233434 | 18.49% | 0.740% |
| 258 | 16.991 | 16.922 | 17.014 | VV | 6774   | 189055 | 14.97% | 0.600% |
| 259 | 17.031 | 17.014 | 17.092 | VV | 4697   | 139578 | 11.05% | 0.443% |
| 260 | 17.111 | 17.092 | 17.121 | VV | 1899   | 27725  | 2.20%  | 0.088% |
| 261 | 17.140 | 17.121 | 17.162 | VV | 2545   | 48798  | 3.86%  | 0.155% |
| 262 | 17.178 | 17.162 | 17.189 | VV | 2261   | 33518  | 2.65%  | 0.106% |
| 263 | 17.208 | 17.189 | 17.222 | VV | 2690   | 44345  | 3.51%  | 0.141% |
| 264 | 17.264 | 17.222 | 17.292 | VV | 4113   | 134788 | 10.67% | 0.427% |
| 265 | 17.306 | 17.292 | 17.335 | VV | 3980   | 77980  | 6.18%  | 0.247% |
| 266 | 17.369 | 17.335 | 17.377 | VV | 4099   | 76469  | 6.06%  | 0.243% |
| 267 | 17.426 | 17.377 | 17.458 | VV | 5717   | 209546 | 16.60% | 0.665% |
| 268 | 17.485 | 17.458 | 17.497 | VV | 4334   | 86663  | 6.86%  | 0.275% |
| 269 | 17.519 | 17.497 | 17.541 | VV | 4656   | 107036 | 8.48%  | 0.339% |
| 270 | 17.569 | 17.541 | 17.593 | VV | 5842   | 139423 | 11.04% | 0.442% |
| 271 | 17.609 | 17.593 | 17.622 | VV | 4933   | 70883  | 5.61%  | 0.225% |
| 272 | 17.644 | 17.622 | 17.656 | VV | 4582   | 87766  | 6.95%  | 0.278% |
| 273 | 17.666 | 17.656 | 17.679 | VV | 4400   | 50379  | 3.99%  | 0.160% |
| 274 | 17.716 | 17.679 | 17.729 | VV | 4954   | 122024 | 9.66%  | 0.387% |
| 275 | 17.742 | 17.729 | 17.755 | VV | 4604   | 62118  | 4.92%  | 0.197% |
| 276 | 17.774 | 17.755 | 17.782 | VV | 5639   | 76589  | 6.07%  | 0.243% |
| 277 | 17.791 | 17.782 | 17.808 | VV | 6148   | 78800  | 6.24%  | 0.250% |
| 278 | 17.818 | 17.808 | 17.826 | VV | 5612   | 51695  | 4.09%  | 0.164% |
| 279 | 17.870 | 17.826 | 17.915 | VV | 11121  | 387327 | 30.67% | 1.228% |
| 280 | 17.972 | 17.915 | 18.000 | VV | 7166   | 299736 | 23.74% | 0.951% |
| 281 | 18.034 | 18.000 | 18.087 | VV | 11871  | 433049 | 34.30% | 1.373% |
| 282 | 18.102 | 18.087 | 18.118 | VV | 8530   | 133245 | 10.55% | 0.423% |
| 283 | 18.129 | 18.118 | 18.139 | VV | 7931   | 84118  | 6.66%  | 0.267% |
| 284 | 18.174 | 18.139 | 18.188 | VV | 8816   | 228112 | 18.07% | 0.723% |
| 285 | 18.201 | 18.188 | 18.213 | VV | 8650   | 116044 | 9.19%  | 0.368% |
| 286 | 18.237 | 18.213 | 18.245 | VV | 9256   | 145518 | 11.52% | 0.461% |
| 287 | 18.264 | 18.245 | 18.279 | VV | 15247  | 248081 | 19.65% | 0.787% |
| 288 | 18.290 | 18.279 | 18.319 | VV | 13184  | 244081 | 19.33% | 0.774% |
| 289 | 18.349 | 18.319 | 18.358 | VV | 9114   | 197815 | 15.67% | 0.627% |
| 290 | 18.368 | 18.358 | 18.382 | VV | 10481  | 123505 | 9.78%  | 0.392% |
| 291 | 18.399 | 18.382 | 18.419 | VV | 15441  | 280461 | 22.21% | 0.889% |
| 292 | 18.432 | 18.419 | 18.467 | VV | 13073  | 303872 | 24.07% | 0.964% |
| 293 | 18.477 | 18.467 | 18.487 | VV | 10989  | 114212 | 9.05%  | 0.362% |
| 294 | 18.522 | 18.487 | 18.561 | VV | 15601  | 485661 | 38.46% | 1.540% |
| 295 | 18.598 | 18.561 | 18.606 | VV | 10082  | 241487 | 19.12% | 0.766% |
| 296 | 18.627 | 18.606 | 18.636 | VV | 10581  | 172273 | 13.64% | 0.546% |
| 297 | 18.653 | 18.636 | 18.676 | VV | 13168  | 236350 | 18.72% | 0.750% |
| 298 | 18.699 | 18.676 | 18.732 | VV | 14933  | 382537 | 30.30% | 1.213% |
| 299 | 18.743 | 18.732 | 18.752 | VV | 11292  | 122792 | 9.72%  | 0.389% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 300 | 18.826 | 18.752 | 18.846 | VV | 16154                   | 674569   | 53.42% | 2.139% |
| 301 | 18.879 | 18.846 | 18.902 | VV | 16346                   | 462929   | 36.66% | 1.468% |
| 302 | 18.920 | 18.902 | 18.936 | VV | 12822                   | 234587   | 18.58% | 0.744% |
| 303 | 18.959 | 18.936 | 18.974 | VV | 17138                   | 329457   | 26.09% | 1.045% |
| 304 | 18.993 | 18.974 | 19.007 | VV | 17384                   | 296939   | 23.52% | 0.942% |
| 305 | 19.014 | 19.007 | 19.021 | VV | 14736                   | 108843   | 8.62%  | 0.345% |
| 306 | 19.038 | 19.021 | 19.085 | VV | 17739                   | 558361   | 44.22% | 1.771% |
| 307 | 19.115 | 19.085 | 19.136 | VV | 17349                   | 475960   | 37.69% | 1.509% |
| 308 | 19.144 | 19.136 | 19.151 | VV | 15061                   | 140799   | 11.15% | 0.447% |
| 309 | 19.188 | 19.151 | 19.198 | VV | 19440                   | 449107   | 35.57% | 1.424% |
| 310 | 19.232 | 19.198 | 19.269 | VV | 20171                   | 763039   | 60.43% | 2.420% |
| 311 | 19.279 | 19.269 | 19.292 | VV | 21345                   | 273807   | 21.68% | 0.868% |
| 312 | 19.301 | 19.292 | 19.311 | VV | 21305                   | 221811   | 17.57% | 0.703% |
| 313 | 19.316 | 19.311 | 19.328 | VV | 21356                   | 212395   | 16.82% | 0.674% |
| 314 | 19.344 | 19.328 | 19.357 | VV | 20663                   | 336355   | 26.64% | 1.067% |
| 315 | 19.366 | 19.357 | 19.397 | VV | 20576                   | 447028   | 35.40% | 1.418% |
| 316 | 19.416 | 19.397 | 19.425 | VV | 21500                   | 329004   | 26.06% | 1.043% |
| 317 | 19.448 | 19.425 | 19.456 | VV | 23144                   | 381972   | 30.25% | 1.211% |
| 318 | 19.464 | 19.456 | 19.476 | VV | 23122                   | 243721   | 19.30% | 0.773% |
| 319 | 19.482 | 19.476 | 19.531 | VV | 23207                   | 701510   | 55.56% | 2.225% |
| 320 | 19.547 | 19.531 | 19.562 | VV | 27712                   | 468275   | 37.09% | 1.485% |
| 321 | 19.572 | 19.562 | 19.587 | VV | 27546                   | 369290   | 29.25% | 1.171% |
| 322 | 19.596 | 19.587 | 19.614 | VV | 27144                   | 396037   | 31.36% | 1.256% |
| 323 | 19.628 | 19.614 | 19.652 | VV | 24737                   | 538270   | 42.63% | 1.707% |
| 324 | 19.678 | 19.652 | 19.716 | VV | 28397                   | 904562   | 71.64% | 2.869% |
| 325 | 19.748 | 19.716 | 19.767 | VV | 27275                   | 740630   | 58.65% | 2.349% |
| 326 | 19.792 | 19.767 | 19.814 | VV | 28785                   | 684979   | 54.25% | 2.172% |
|     |        |        |        |    | Sum of corrected areas: | 31532698 |        |        |

Alaphatic EPH 102219.M Fri Oct 25 10:03:08 2019