

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100318AL\  
 Data File : FC036650.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Oct 2018 3:39  
 Sample : J5198-03DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 092118.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         | 3.204       | 3.152        | 3.254      | BV       | 301            | 5602         | 0.11%          | 0.008%        |
| 2         | 3.265       | 3.254        | 3.299      | PV       | 196            | 2559         | 0.05%          | 0.004%        |
| 3         | 3.309       | 3.299        | 3.324      | VV       | 149            | 2162         | 0.04%          | 0.003%        |
| 4         | 3.333       | 3.324        | 3.351      | VV       | 175            | 1827         | 0.04%          | 0.003%        |
| 5         | 3.375       | 3.351        | 3.383      | VV       | 165            | 2159         | 0.04%          | 0.003%        |
| 6         | 3.391       | 3.383        | 3.401      | VV       | 138            | 1141         | 0.02%          | 0.002%        |
| 7         | 3.449       | 3.401        | 3.467      | VV       | 217            | 5339         | 0.11%          | 0.007%        |
| 8         | 3.485       | 3.467        | 3.544      | VV       | 663            | 9104         | 0.19%          | 0.013%        |
| 9         | 3.557       | 3.544        | 3.593      | VV       | 126            | 3519         | 0.07%          | 0.005%        |
| 10        | 3.635       | 3.593        | 3.646      | VV       | 249            | 4468         | 0.09%          | 0.006%        |
| 11        | 3.654       | 3.646        | 3.673      | VV       | 202            | 1990         | 0.04%          | 0.003%        |
| 12        | 3.689       | 3.673        | 3.704      | PV       | 154            | 2151         | 0.04%          | 0.003%        |
| 13        | 3.708       | 3.704        | 3.752      | VV       | 203            | 3798         | 0.08%          | 0.005%        |
| 14        | 3.768       | 3.752        | 3.818      | VV       | 234            | 5225         | 0.11%          | 0.007%        |
| 15        | 3.837       | 3.818        | 3.846      | VV       | 182            | 2276         | 0.05%          | 0.003%        |
| 16        | 3.860       | 3.846        | 3.879      | VV       | 304            | 3868         | 0.08%          | 0.005%        |
| 17        | 3.899       | 3.879        | 3.933      | VV       | 246            | 6110         | 0.13%          | 0.009%        |
| 18        | 3.942       | 3.933        | 3.949      | VV       | 199            | 1386         | 0.03%          | 0.002%        |
| 19        | 3.957       | 3.949        | 3.971      | VV       | 197            | 1842         | 0.04%          | 0.003%        |
| 20        | 3.986       | 3.971        | 4.007      | VV       | 173            | 2181         | 0.04%          | 0.003%        |
| 21        | 4.019       | 4.007        | 4.094      | VV       | 260            | 8818         | 0.18%          | 0.012%        |
| 22        | 4.100       | 4.094        | 4.122      | VV       | 245            | 2488         | 0.05%          | 0.003%        |
| 23        | 4.205       | 4.122        | 4.235      | VV       | 273            | 11034        | 0.23%          | 0.015%        |
| 24        | 4.258       | 4.235        | 4.308      | VV       | 307            | 8603         | 0.18%          | 0.012%        |
| 25        | 4.325       | 4.308        | 4.343      | VV       | 222            | 3044         | 0.06%          | 0.004%        |
| 26        | 4.358       | 4.343        | 4.379      | VV       | 261            | 3588         | 0.07%          | 0.005%        |
| 27        | 4.406       | 4.379        | 4.427      | VV       | 410            | 6892         | 0.14%          | 0.010%        |
| 28        | 4.452       | 4.427        | 4.498      | VV       | 351            | 11380        | 0.23%          | 0.016%        |
| 29        | 4.511       | 4.498        | 4.525      | VV       | 317            | 3905         | 0.08%          | 0.005%        |
| 30        | 4.535       | 4.525        | 4.598      | VV       | 261            | 7613         | 0.16%          | 0.011%        |
| 31        | 4.608       | 4.598        | 4.644      | VV       | 184            | 3560         | 0.07%          | 0.005%        |
| 32        | 4.664       | 4.644        | 4.752      | VV       | 200            | 8944         | 0.18%          | 0.013%        |
| 33        | 4.804       | 4.752        | 4.823      | PV       | 184            | 4850         | 0.10%          | 0.007%        |
| 34        | 4.852       | 4.823        | 4.863      | VV       | 145            | 2794         | 0.06%          | 0.004%        |
| 35        | 4.886       | 4.863        | 4.918      | VV       | 506            | 8022         | 0.16%          | 0.011%        |
| 36        | 4.945       | 4.918        | 4.979      | VV       | 316            | 7240         | 0.15%          | 0.010%        |

| rteres.txt |       |       |       |    |       |        |        |        |
|------------|-------|-------|-------|----|-------|--------|--------|--------|
| 37         | 5.000 | 4.979 | 5.035 | VV | 230   | 5180   | 0.11%  | 0.007% |
| 38         | 5.045 | 5.035 | 5.065 | VV | 160   | 1665   | 0.03%  | 0.002% |
| 39         | 5.115 | 5.065 | 5.161 | VV | 282   | 9546   | 0.20%  | 0.013% |
| 40         | 5.171 | 5.161 | 5.259 | VV | 237   | 8061   | 0.17%  | 0.011% |
|            |       |       |       |    |       |        |        |        |
| 41         | 5.265 | 5.259 | 5.275 | VV | 141   | 1118   | 0.02%  | 0.002% |
| 42         | 5.292 | 5.275 | 5.318 | VV | 309   | 6223   | 0.13%  | 0.009% |
| 43         | 5.334 | 5.318 | 5.367 | VV | 358   | 6249   | 0.13%  | 0.009% |
| 44         | 5.388 | 5.367 | 5.451 | VV | 207   | 6209   | 0.13%  | 0.009% |
| 45         | 5.470 | 5.451 | 5.535 | VV | 269   | 7310   | 0.15%  | 0.010% |
|            |       |       |       |    |       |        |        |        |
| 46         | 5.566 | 5.535 | 5.576 | VV | 287   | 4307   | 0.09%  | 0.006% |
| 47         | 5.581 | 5.576 | 5.613 | VV | 220   | 3691   | 0.08%  | 0.005% |
| 48         | 5.624 | 5.613 | 5.685 | VV | 289   | 5355   | 0.11%  | 0.008% |
| 49         | 5.695 | 5.685 | 5.731 | VV | 160   | 3155   | 0.06%  | 0.004% |
| 50         | 5.744 | 5.731 | 5.764 | VV | 92    | 2068   | 0.04%  | 0.003% |
|            |       |       |       |    |       |        |        |        |
| 51         | 5.792 | 5.764 | 5.806 | PV | 217   | 2949   | 0.06%  | 0.004% |
| 52         | 5.835 | 5.806 | 5.869 | VV | 629   | 12018  | 0.25%  | 0.017% |
| 53         | 5.881 | 5.869 | 5.911 | VV | 204   | 5066   | 0.10%  | 0.007% |
| 54         | 5.929 | 5.911 | 5.948 | VV | 257   | 4409   | 0.09%  | 0.006% |
| 55         | 5.973 | 5.948 | 6.009 | VV | 354   | 9315   | 0.19%  | 0.013% |
|            |       |       |       |    |       |        |        |        |
| 56         | 6.018 | 6.009 | 6.059 | VV | 261   | 5332   | 0.11%  | 0.007% |
| 57         | 6.079 | 6.059 | 6.089 | VV | 212   | 2535   | 0.05%  | 0.004% |
| 58         | 6.114 | 6.089 | 6.135 | VV | 179   | 3768   | 0.08%  | 0.005% |
| 59         | 6.145 | 6.135 | 6.163 | VV | 215   | 2822   | 0.06%  | 0.004% |
| 60         | 6.176 | 6.163 | 6.190 | VV | 205   | 2739   | 0.06%  | 0.004% |
|            |       |       |       |    |       |        |        |        |
| 61         | 6.205 | 6.190 | 6.248 | VV | 211   | 5973   | 0.12%  | 0.008% |
| 62         | 6.269 | 6.248 | 6.303 | VV | 318   | 6462   | 0.13%  | 0.009% |
| 63         | 6.309 | 6.303 | 6.332 | VV | 168   | 1843   | 0.04%  | 0.003% |
| 64         | 6.384 | 6.332 | 6.395 | VV | 144   | 2763   | 0.06%  | 0.004% |
| 65         | 6.416 | 6.395 | 6.442 | VV | 189   | 2832   | 0.06%  | 0.004% |
|            |       |       |       |    |       |        |        |        |
| 66         | 6.454 | 6.442 | 6.489 | VV | 171   | 2156   | 0.04%  | 0.003% |
| 67         | 6.510 | 6.489 | 6.528 | VV | 117   | 1595   | 0.03%  | 0.002% |
| 68         | 6.595 | 6.577 | 6.605 | VV | 116   | 1026   | 0.02%  | 0.001% |
| 69         | 6.662 | 6.635 | 6.704 | VV | 181   | 3189   | 0.07%  | 0.004% |
| 70         | 6.784 | 6.704 | 6.805 | VV | 233   | 5701   | 0.12%  | 0.008% |
|            |       |       |       |    |       |        |        |        |
| 71         | 6.821 | 6.805 | 6.855 | VV | 242   | 2870   | 0.06%  | 0.004% |
| 72         | 6.884 | 6.855 | 6.922 | VV | 544   | 10387  | 0.21%  | 0.015% |
| 73         | 6.928 | 6.922 | 6.952 | VV | 186   | 2478   | 0.05%  | 0.003% |
| 74         | 6.968 | 6.952 | 6.997 | VV | 374   | 6365   | 0.13%  | 0.009% |
| 75         | 7.015 | 6.997 | 7.041 | VV | 951   | 11417  | 0.23%  | 0.016% |
|            |       |       |       |    |       |        |        |        |
| 76         | 7.057 | 7.041 | 7.081 | VV | 242   | 3845   | 0.08%  | 0.005% |
| 77         | 7.092 | 7.081 | 7.105 | VV | 183   | 1816   | 0.04%  | 0.003% |
| 78         | 7.188 | 7.105 | 7.215 | VV | 524   | 11610  | 0.24%  | 0.016% |
| 79         | 7.243 | 7.215 | 7.262 | VV | 184   | 3592   | 0.07%  | 0.005% |
| 80         | 7.272 | 7.262 | 7.305 | VV | 135   | 1773   | 0.04%  | 0.002% |
|            |       |       |       |    |       |        |        |        |
| 81         | 7.360 | 7.305 | 7.382 | VV | 266   | 5801   | 0.12%  | 0.008% |
| 82         | 7.408 | 7.382 | 7.425 | VV | 214   | 3295   | 0.07%  | 0.005% |
| 83         | 7.490 | 7.425 | 7.568 | PV | 87303 | 961280 | 19.68% | 1.347% |
| 84         | 7.600 | 7.568 | 7.695 | VV | 1951  | 81032  | 1.66%  | 0.114% |
| 85         | 7.705 | 7.695 | 7.731 | VV | 497   | 8607   | 0.18%  | 0.012% |
|            |       |       |       |    |       |        |        |        |
| 86         | 7.757 | 7.731 | 7.772 | VV | 549   | 10501  | 0.21%  | 0.015% |
| 87         | 7.785 | 7.772 | 7.796 | VV | 483   | 6073   | 0.12%  | 0.009% |
| 88         | 7.802 | 7.796 | 7.817 | VV | 369   | 4181   | 0.09%  | 0.006% |
| 89         | 7.873 | 7.817 | 7.912 | VV | 838   | 25635  | 0.52%  | 0.036% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 90  | 7.971  | 7.912  | 7.987  | VV | 1389       | 26560  | 0.54%  | 0.037% |
| 91  | 8.002  | 7.987  | 8.012  | VV | 914        | 11637  | 0.24%  | 0.016% |
| 92  | 8.021  | 8.012  | 8.042  | VV | 917        | 14169  | 0.29%  | 0.020% |
| 93  | 8.053  | 8.042  | 8.082  | VV | 1002       | 14948  | 0.31%  | 0.021% |
| 94  | 8.109  | 8.082  | 8.142  | VV | 7617       | 91654  | 1.88%  | 0.128% |
| 95  | 8.149  | 8.142  | 8.181  | VV | 1025       | 15079  | 0.31%  | 0.021% |
| 96  | 8.202  | 8.181  | 8.222  | VV | 568        | 9511   | 0.19%  | 0.013% |
| 97  | 8.241  | 8.222  | 8.278  | VV | 375        | 8071   | 0.17%  | 0.011% |
| 98  | 8.285  | 8.278  | 8.315  | VV | 280        | 3555   | 0.07%  | 0.005% |
| 99  | 8.349  | 8.315  | 8.428  | VV | 49334      | 629989 | 12.90% | 0.883% |
| 100 | 8.444  | 8.428  | 8.481  | VV | 3075       | 50249  | 1.03%  | 0.070% |
| 101 | 8.497  | 8.481  | 8.533  | VV | 1018       | 22693  | 0.46%  | 0.032% |
| 102 | 8.587  | 8.533  | 8.625  | VV | 867        | 30856  | 0.63%  | 0.043% |
| 103 | 8.638  | 8.625  | 8.655  | VV | 440        | 6213   | 0.13%  | 0.009% |
| 104 | 8.687  | 8.655  | 8.702  | VV | 603        | 12053  | 0.25%  | 0.017% |
| 105 | 8.721  | 8.702  | 8.747  | VV | 1038       | 19690  | 0.40%  | 0.028% |
| 106 | 8.769  | 8.747  | 8.836  | VV | 779        | 28223  | 0.58%  | 0.040% |
| 107 | 8.870  | 8.836  | 8.942  | VV | 1115       | 35663  | 0.73%  | 0.050% |
| 108 | 8.956  | 8.942  | 8.977  | VV | 277        | 4754   | 0.10%  | 0.007% |
| 109 | 9.011  | 8.977  | 9.026  | VV | 721        | 11798  | 0.24%  | 0.017% |
| 110 | 9.058  | 9.026  | 9.115  | VV | 2062       | 45382  | 0.93%  | 0.064% |
| 111 | 9.145  | 9.115  | 9.204  | VV | 611        | 17355  | 0.36%  | 0.024% |
| 112 | 9.228  | 9.204  | 9.285  | VV | 1869       | 38875  | 0.80%  | 0.054% |
| 113 | 9.304  | 9.285  | 9.358  | VV | 757        | 17493  | 0.36%  | 0.025% |
| 114 | 9.375  | 9.358  | 9.395  | VV | 639        | 10364  | 0.21%  | 0.015% |
| 115 | 9.408  | 9.395  | 9.422  | VV | 413        | 5431   | 0.11%  | 0.008% |
| 116 | 9.431  | 9.422  | 9.454  | VV | 532        | 6916   | 0.14%  | 0.010% |
| 117 | 9.468  | 9.454  | 9.505  | VV | 316        | 6299   | 0.13%  | 0.009% |
| 118 | 9.518  | 9.505  | 9.527  | VV | 222        | 2420   | 0.05%  | 0.003% |
| 119 | 9.550  | 9.527  | 9.615  | VV | 617        | 19041  | 0.39%  | 0.027% |
| 120 | 9.646  | 9.615  | 9.698  | VV | 1578       | 30695  | 0.63%  | 0.043% |
| 121 | 9.711  | 9.698  | 9.731  | VV | 346        | 4590   | 0.09%  | 0.006% |
| 122 | 9.745  | 9.731  | 9.787  | VV | 287        | 5047   | 0.10%  | 0.007% |
| 123 | 9.808  | 9.787  | 9.835  | VV | 236        | 4405   | 0.09%  | 0.006% |
| 124 | 9.846  | 9.835  | 9.897  | VV | 82         | 1453   | 0.03%  | 0.002% |
| 125 | 9.911  | 9.897  | 9.941  | VV | 227        | 1990   | 0.04%  | 0.003% |
| 126 | 9.974  | 9.941  | 9.984  | PV | 217        | 3677   | 0.08%  | 0.005% |
| 127 | 9.992  | 9.984  | 10.004 | VV | 222        | 2113   | 0.04%  | 0.003% |
| 128 | 10.034 | 10.004 | 10.055 | VV | 667        | 11427  | 0.23%  | 0.016% |
| 129 | 10.106 | 10.055 | 10.129 | VV | 697        | 19530  | 0.40%  | 0.027% |
| 130 | 10.142 | 10.129 | 10.162 | VV | 553        | 7403   | 0.15%  | 0.010% |
| 131 | 10.173 | 10.162 | 10.194 | VV | 326        | 4552   | 0.09%  | 0.006% |
| 132 | 10.220 | 10.194 | 10.255 | VV | 607        | 12522  | 0.26%  | 0.018% |
| 133 | 10.276 | 10.255 | 10.302 | VV | 477        | 9216   | 0.19%  | 0.013% |
| 134 | 10.310 | 10.302 | 10.328 | VV | 400        | 4924   | 0.10%  | 0.007% |
| 135 | 10.382 | 10.328 | 10.406 | VV | 1553       | 38186  | 0.78%  | 0.054% |
| 136 | 10.426 | 10.406 | 10.433 | VV | 717        | 8926   | 0.18%  | 0.013% |
| 137 | 10.452 | 10.433 | 10.540 | VV | 1015       | 25545  | 0.52%  | 0.036% |
| 138 | 10.619 | 10.540 | 10.671 | PV | 7877       | 121418 | 2.49%  | 0.170% |
| 139 | 10.697 | 10.671 | 10.818 | VV | 2428       | 64402  | 1.32%  | 0.090% |
| 140 | 10.830 | 10.818 | 10.864 | VV | 231        | 3857   | 0.08%  | 0.005% |
| 141 | 10.887 | 10.864 | 10.902 | VV | 135        | 1917   | 0.04%  | 0.003% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 142        | 10.929 | 10.902 | 10.954 | VV | 455   | 7220   | 0.15%  | 0.010% |
| 143        | 10.980 | 10.954 | 10.992 | VV | 195   | 3490   | 0.07%  | 0.005% |
| 144        | 11.013 | 10.992 | 11.037 | VV | 420   | 6890   | 0.14%  | 0.010% |
| 145        | 11.050 | 11.037 | 11.060 | VV | 296   | 3437   | 0.07%  | 0.005% |
| 146        | 11.081 | 11.060 | 11.118 | VV | 1289  | 19371  | 0.40%  | 0.027% |
| 147        | 11.167 | 11.118 | 11.195 | VV | 831   | 21746  | 0.45%  | 0.030% |
| 148        | 11.221 | 11.195 | 11.244 | VV | 294   | 4812   | 0.10%  | 0.007% |
| 149        | 11.272 | 11.244 | 11.292 | VV | 512   | 8566   | 0.18%  | 0.012% |
| 150        | 11.312 | 11.292 | 11.335 | VV | 239   | 4041   | 0.08%  | 0.006% |
| 151        | 11.384 | 11.335 | 11.434 | PV | 52333 | 609754 | 12.48% | 0.855% |
| 152        | 11.452 | 11.434 | 11.499 | VV | 1688  | 36215  | 0.74%  | 0.051% |
| 153        | 11.530 | 11.499 | 11.550 | VV | 3255  | 52162  | 1.07%  | 0.073% |
| 154        | 11.564 | 11.550 | 11.582 | VV | 1716  | 22730  | 0.47%  | 0.032% |
| 155        | 11.596 | 11.582 | 11.657 | VV | 1613  | 27829  | 0.57%  | 0.039% |
| 156        | 11.678 | 11.657 | 11.696 | PV | 237   | 3506   | 0.07%  | 0.005% |
| 157        | 11.749 | 11.696 | 11.772 | VV | 1309  | 22891  | 0.47%  | 0.032% |
| 158        | 11.789 | 11.772 | 11.831 | VV | 415   | 10422  | 0.21%  | 0.015% |
| 159        | 11.840 | 11.831 | 11.859 | VV | 195   | 2597   | 0.05%  | 0.004% |
| 160        | 11.893 | 11.859 | 11.932 | VV | 625   | 16016  | 0.33%  | 0.022% |
| 161        | 11.954 | 11.932 | 11.975 | VV | 424   | 7832   | 0.16%  | 0.011% |
| 162        | 12.000 | 11.975 | 12.072 | VV | 1201  | 34627  | 0.71%  | 0.049% |
| 163        | 12.093 | 12.072 | 12.122 | VV | 589   | 10881  | 0.22%  | 0.015% |
| 164        | 12.135 | 12.122 | 12.144 | VV | 344   | 4256   | 0.09%  | 0.006% |
| 165        | 12.164 | 12.144 | 12.184 | VV | 515   | 7742   | 0.16%  | 0.011% |
| 166        | 12.206 | 12.184 | 12.244 | VV | 835   | 14878  | 0.30%  | 0.021% |
| 167        | 12.314 | 12.244 | 12.335 | PV | 1916  | 35901  | 0.73%  | 0.050% |
| 168        | 12.349 | 12.335 | 12.360 | VV | 796   | 10229  | 0.21%  | 0.014% |
| 169        | 12.383 | 12.360 | 12.402 | VV | 1915  | 29601  | 0.61%  | 0.041% |
| 170        | 12.426 | 12.402 | 12.489 | VV | 21729 | 280821 | 5.75%  | 0.394% |
| 171        | 12.506 | 12.489 | 12.515 | VV | 403   | 4554   | 0.09%  | 0.006% |
| 172        | 12.523 | 12.515 | 12.544 | VV | 346   | 3626   | 0.07%  | 0.005% |
| 173        | 12.559 | 12.544 | 12.576 | VV | 324   | 3623   | 0.07%  | 0.005% |
| 174        | 12.612 | 12.576 | 12.628 | VV | 796   | 12026  | 0.25%  | 0.017% |
| 175        | 12.664 | 12.628 | 12.691 | VV | 411   | 10187  | 0.21%  | 0.014% |
| 176        | 12.721 | 12.691 | 12.761 | VV | 20439 | 239045 | 4.89%  | 0.335% |
| 177        | 12.781 | 12.761 | 12.795 | VV | 1769  | 26137  | 0.54%  | 0.037% |
| 178        | 12.826 | 12.795 | 12.880 | VV | 37781 | 493053 | 10.09% | 0.691% |
| 179        | 12.899 | 12.880 | 12.968 | VV | 1066  | 30604  | 0.63%  | 0.043% |
| 180        | 12.997 | 12.968 | 13.027 | PV | 2244  | 34460  | 0.71%  | 0.048% |
| 181        | 13.064 | 13.027 | 13.096 | VV | 605   | 17638  | 0.36%  | 0.025% |
| 182        | 13.121 | 13.096 | 13.161 | VV | 823   | 18109  | 0.37%  | 0.025% |
| 183        | 13.186 | 13.161 | 13.209 | VV | 1274  | 21106  | 0.43%  | 0.030% |
| 184        | 13.237 | 13.209 | 13.262 | VV | 454   | 10552  | 0.22%  | 0.015% |
| 185        | 13.314 | 13.262 | 13.352 | VV | 3739  | 68999  | 1.41%  | 0.097% |
| 186        | 13.421 | 13.352 | 13.442 | VV | 2823  | 52181  | 1.07%  | 0.073% |
| 187        | 13.458 | 13.442 | 13.478 | VV | 1728  | 26469  | 0.54%  | 0.037% |
| 188        | 13.495 | 13.478 | 13.515 | VV | 970   | 14023  | 0.29%  | 0.020% |
| 189        | 13.581 | 13.515 | 13.609 | VV | 3022  | 64614  | 1.32%  | 0.091% |
| 190        | 13.627 | 13.609 | 13.652 | VV | 1304  | 18671  | 0.38%  | 0.026% |
| 191        | 13.718 | 13.652 | 13.738 | VV | 303   | 9296   | 0.19%  | 0.013% |
| 192        | 13.767 | 13.738 | 13.780 | PV | 290   | 4035   | 0.08%  | 0.006% |
| 193        | 13.820 | 13.780 | 13.832 | VV | 355   | 8916   | 0.18%  | 0.012% |
| 194        | 13.841 | 13.832 | 13.855 | VV | 223   | 2601   | 0.05%  | 0.004% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 195 | 13.874 | 13.855 | 13.888 | PV | 314        | 3107   | 0.06% | 0.004% |
| 196 | 13.930 | 13.888 | 13.946 | VV | 519        | 8578   | 0.18% | 0.012% |
| 197 | 14.012 | 13.946 | 14.032 | VV | 1124       | 34516  | 0.71% | 0.048% |
| 198 | 14.068 | 14.032 | 14.086 | VV | 1043       | 24610  | 0.50% | 0.034% |
| 199 | 14.140 | 14.086 | 14.167 | VV | 2155       | 44250  | 0.91% | 0.062% |
| 200 | 14.178 | 14.167 | 14.198 | VV | 740        | 11550  | 0.24% | 0.016% |
| 201 | 14.226 | 14.198 | 14.258 | VV | 1623       | 36327  | 0.74% | 0.051% |
| 202 | 14.284 | 14.258 | 14.315 | VV | 3186       | 48049  | 0.98% | 0.067% |
| 203 | 14.352 | 14.315 | 14.388 | VV | 905        | 27252  | 0.56% | 0.038% |
| 204 | 14.410 | 14.388 | 14.433 | VV | 572        | 11010  | 0.23% | 0.015% |
| 205 | 14.473 | 14.433 | 14.508 | VV | 595        | 13727  | 0.28% | 0.019% |
| 206 | 14.596 | 14.508 | 14.615 | PV | 8185       | 133060 | 2.72% | 0.187% |
| 207 | 14.635 | 14.615 | 14.665 | VV | 9049       | 141266 | 2.89% | 0.198% |
| 208 | 14.679 | 14.665 | 14.703 | VV | 2201       | 31128  | 0.64% | 0.044% |
| 209 | 14.754 | 14.703 | 14.772 | VV | 2883       | 52895  | 1.08% | 0.074% |
| 210 | 14.790 | 14.772 | 14.811 | VV | 1703       | 26202  | 0.54% | 0.037% |
| 211 | 14.822 | 14.811 | 14.838 | VV | 801        | 8249   | 0.17% | 0.012% |
| 212 | 14.914 | 14.838 | 14.923 | VV | 840        | 22232  | 0.46% | 0.031% |
| 213 | 14.936 | 14.923 | 14.979 | VV | 899        | 19536  | 0.40% | 0.027% |
| 214 | 14.988 | 14.979 | 14.998 | VV | 402        | 3776   | 0.08% | 0.005% |
| 215 | 15.033 | 14.998 | 15.044 | PV | 720        | 8919   | 0.18% | 0.013% |
| 216 | 15.103 | 15.044 | 15.122 | VV | 1470       | 51468  | 1.05% | 0.072% |
| 217 | 15.196 | 15.122 | 15.235 | VV | 2467       | 76952  | 1.58% | 0.108% |
| 218 | 15.266 | 15.235 | 15.287 | VV | 2792       | 45235  | 0.93% | 0.063% |
| 219 | 15.306 | 15.287 | 15.325 | VV | 1487       | 21625  | 0.44% | 0.030% |
| 220 | 15.349 | 15.325 | 15.357 | VV | 566        | 7950   | 0.16% | 0.011% |
| 221 | 15.428 | 15.357 | 15.475 | VV | 1827       | 59524  | 1.22% | 0.083% |
| 222 | 15.505 | 15.475 | 15.563 | PV | 931        | 22342  | 0.46% | 0.031% |
| 223 | 15.599 | 15.563 | 15.608 | VV | 719        | 11763  | 0.24% | 0.016% |
| 224 | 15.659 | 15.608 | 15.668 | VV | 878        | 18243  | 0.37% | 0.026% |
| 225 | 15.694 | 15.668 | 15.719 | VV | 3238       | 51121  | 1.05% | 0.072% |
| 226 | 15.731 | 15.719 | 15.742 | VV | 830        | 8696   | 0.18% | 0.012% |
| 227 | 15.763 | 15.742 | 15.776 | VV | 859        | 10707  | 0.22% | 0.015% |
| 228 | 15.798 | 15.776 | 15.814 | PV | 631        | 8966   | 0.18% | 0.013% |
| 229 | 15.872 | 15.814 | 15.900 | VV | 1648       | 45138  | 0.92% | 0.063% |
| 230 | 15.959 | 15.900 | 15.973 | VV | 1589       | 46764  | 0.96% | 0.066% |
| 231 | 16.026 | 15.973 | 16.033 | VV | 1542       | 46628  | 0.95% | 0.065% |
| 232 | 16.067 | 16.033 | 16.082 | VV | 2365       | 54819  | 1.12% | 0.077% |
| 233 | 16.147 | 16.082 | 16.163 | VV | 14123      | 271853 | 5.56% | 0.381% |
| 234 | 16.174 | 16.163 | 16.214 | VV | 10104      | 174041 | 3.56% | 0.244% |
| 235 | 16.277 | 16.214 | 16.302 | VV | 4930       | 169524 | 3.47% | 0.238% |
| 236 | 16.320 | 16.302 | 16.345 | VV | 2891       | 68462  | 1.40% | 0.096% |
| 237 | 16.365 | 16.345 | 16.398 | VV | 3077       | 83801  | 1.72% | 0.117% |
| 238 | 16.405 | 16.398 | 16.414 | VV | 2756       | 23574  | 0.48% | 0.033% |
| 239 | 16.465 | 16.414 | 16.494 | VV | 9607       | 223112 | 4.57% | 0.313% |
| 240 | 16.526 | 16.494 | 16.569 | VV | 10817      | 246309 | 5.04% | 0.345% |
| 241 | 16.644 | 16.569 | 16.665 | VV | 9958       | 308828 | 6.32% | 0.433% |
| 242 | 16.686 | 16.665 | 16.708 | VV | 11758      | 197256 | 4.04% | 0.276% |
| 243 | 16.719 | 16.708 | 16.737 | VV | 4970       | 78613  | 1.61% | 0.110% |
| 244 | 16.815 | 16.737 | 16.824 | VV | 5333       | 249115 | 5.10% | 0.349% |
| 245 | 16.889 | 16.824 | 16.905 | VV | 7155       | 295864 | 6.06% | 0.415% |
| 246 | 16.937 | 16.905 | 16.972 | VV | 7482       | 276878 | 5.67% | 0.388% |

|     |        |        |                         |    |            |          |         |        |
|-----|--------|--------|-------------------------|----|------------|----------|---------|--------|
|     |        |        |                         |    | rteres.txt |          |         |        |
| 247 | 16.984 | 16.972 | 16.993                  | VV | 7305       | 90877    | 1.86%   | 0.127% |
| 248 | 17.032 | 16.993 | 17.057                  | VV | 9079       | 313774   | 6.42%   | 0.440% |
| 249 | 17.094 | 17.057 | 17.125                  | VV | 14989      | 427020   | 8.74%   | 0.599% |
| 250 | 17.149 | 17.125 | 17.157                  | VV | 8728       | 159536   | 3.27%   | 0.224% |
| 251 | 17.182 | 17.157 | 17.215                  | VV | 11053      | 330614   | 6.77%   | 0.463% |
| 252 | 17.250 | 17.215 | 17.270                  | VV | 9406       | 296798   | 6.08%   | 0.416% |
| 253 | 17.282 | 17.270 | 17.322                  | VV | 9042       | 271088   | 5.55%   | 0.380% |
| 254 | 17.447 | 17.322 | 17.460                  | VV | 11240      | 820567   | 16.80%  | 1.150% |
| 255 | 17.526 | 17.460 | 17.572                  | VV | 18862      | 905018   | 18.53%  | 1.269% |
| 256 | 17.649 | 17.572 | 17.719                  | VV | 16644      | 1257317  | 25.74%  | 1.762% |
| 257 | 17.747 | 17.719 | 17.775                  | VV | 14805      | 469725   | 9.62%   | 0.658% |
| 258 | 17.799 | 17.775 | 17.815                  | VV | 16855      | 379176   | 7.76%   | 0.532% |
| 259 | 17.827 | 17.815 | 17.845                  | VV | 16955      | 287085   | 5.88%   | 0.402% |
| 260 | 17.893 | 17.845 | 17.913                  | VV | 21914      | 754221   | 15.44%  | 1.057% |
| 261 | 17.950 | 17.913 | 17.975                  | VV | 25518      | 788299   | 16.14%  | 1.105% |
| 262 | 17.988 | 17.975 | 17.998                  | VV | 20013      | 274739   | 5.62%   | 0.385% |
| 263 | 18.019 | 17.998 | 18.041                  | VV | 23859      | 548176   | 11.22%  | 0.768% |
| 264 | 18.053 | 18.041 | 18.078                  | VV | 21378      | 459518   | 9.41%   | 0.644% |
| 265 | 18.097 | 18.078 | 18.118                  | VV | 21010      | 496401   | 10.16%  | 0.696% |
| 266 | 18.144 | 18.118 | 18.179                  | VV | 25584      | 837790   | 17.15%  | 1.174% |
| 267 | 18.284 | 18.179 | 18.313                  | VV | 24325      | 1882688  | 38.54%  | 2.639% |
| 268 | 18.359 | 18.313 | 18.384                  | VV | 29969      | 1092612  | 22.37%  | 1.532% |
| 269 | 18.438 | 18.384 | 18.469                  | VV | 27173      | 1302949  | 26.67%  | 1.826% |
| 270 | 18.488 | 18.469 | 18.522                  | VV | 27735      | 837931   | 17.15%  | 1.175% |
| 271 | 18.542 | 18.522 | 18.551                  | VV | 25633      | 445545   | 9.12%   | 0.625% |
| 272 | 18.612 | 18.551 | 18.628                  | VV | 30973      | 1301929  | 26.65%  | 1.825% |
| 273 | 18.666 | 18.628 | 18.680                  | VV | 31839      | 950512   | 19.46%  | 1.332% |
| 274 | 18.705 | 18.680 | 18.718                  | VV | 33925      | 758435   | 15.53%  | 1.063% |
| 275 | 18.761 | 18.718 | 18.796                  | VV | 41080      | 1776237  | 36.36%  | 2.490% |
| 276 | 18.854 | 18.796 | 18.896                  | VV | 44002      | 2465774  | 50.47%  | 3.456% |
| 277 | 18.925 | 18.896 | 18.935                  | VV | 44479      | 1009691  | 20.67%  | 1.415% |
| 278 | 19.009 | 18.935 | 19.019                  | VV | 45825      | 2262891  | 46.32%  | 3.172% |
| 279 | 19.025 | 19.019 | 19.034                  | VV | 45559      | 403687   | 8.26%   | 0.566% |
| 280 | 19.080 | 19.034 | 19.092                  | VV | 46104      | 1596010  | 32.67%  | 2.237% |
| 281 | 19.144 | 19.092 | 19.162                  | VV | 52249      | 1996955  | 40.88%  | 2.799% |
| 282 | 19.172 | 19.162 | 19.197                  | VV | 49729      | 1043841  | 21.37%  | 1.463% |
| 283 | 19.335 | 19.197 | 19.347                  | VV | 59970      | 4885238  | 100.00% | 6.848% |
| 284 | 19.368 | 19.347 | 19.402                  | VV | 61576      | 1975608  | 40.44%  | 2.769% |
| 285 | 19.423 | 19.402 | 19.438                  | VV | 60686      | 1315734  | 26.93%  | 1.844% |
| 286 | 19.465 | 19.438 | 19.483                  | VV | 62666      | 1653183  | 33.84%  | 2.317% |
| 287 | 19.515 | 19.483 | 19.527                  | VV | 64209      | 1664513  | 34.07%  | 2.333% |
| 288 | 19.544 | 19.527 | 19.561                  | VV | 65676      | 1309735  | 26.81%  | 1.836% |
| 289 | 19.573 | 19.561 | 19.598                  | VV | 63714      | 1395709  | 28.57%  | 1.956% |
| 290 | 19.608 | 19.598 | 19.620                  | VV | 62366      | 803874   | 16.46%  | 1.127% |
| 291 | 19.688 | 19.620 | 19.704                  | VV | 67335      | 3292946  | 67.41%  | 4.616% |
| 292 | 19.766 | 19.704 | 19.778                  | VV | 73430      | 3121222  | 63.89%  | 4.375% |
| 293 | 19.802 | 19.778 | 19.811                  | VV | 76517      | 1472294  | 30.14%  | 2.064% |
| 294 | 19.886 | 19.811 | 19.898                  | VV | 80232      | 4102317  | 83.97%  | 5.750% |
| 295 | 19.932 | 19.898 | 19.942                  | VV | 81012      | 2124875  | 43.50%  | 2.978% |
| 296 | 19.953 | 19.942 | 19.970                  | VV | 81847      | 1354161  | 27.72%  | 1.898% |
|     |        |        | Sum of corrected areas: |    |            | 71340634 |         |        |

Alaphatic EPH 092118.M Thu Oct 04 10:32:54 2018 rteres.txt