

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112818AL\  
 Data File : FC037872.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Nov 2018 23:44  
 Sample : J6062-02DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 111318.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         | 3.025       | 3.002        | 3.057      | BV       | 145            | 2027         | 0.13%          | 0.006%        |
| 2         | 3.068       | 3.057        | 3.073      | PV       | 118            | 1034         | 0.06%          | 0.003%        |
| 3         | 3.095       | 3.073        | 3.106      | VV       | 158            | 2171         | 0.14%          | 0.006%        |
| 4         | 3.112       | 3.106        | 3.153      | VV       | 155            | 3090         | 0.19%          | 0.008%        |
| 5         | 3.163       | 3.153        | 3.209      | VV       | 199            | 3306         | 0.21%          | 0.009%        |
| 6         | 3.221       | 3.209        | 3.247      | VV       | 147            | 2178         | 0.14%          | 0.006%        |
| 7         | 3.280       | 3.267        | 3.432      | VV       | 125            | 9136         | 0.57%          | 0.025%        |
| 8         | 3.444       | 3.432        | 3.487      | VV       | 151            | 3312         | 0.21%          | 0.009%        |
| 9         | 3.493       | 3.487        | 3.517      | VV       | 99             | 1460         | 0.09%          | 0.004%        |
| 10        | 3.615       | 3.531        | 3.653      | PV       | 758            | 18058        | 1.13%          | 0.049%        |
| 11        | 3.658       | 3.653        | 3.758      | VV       | 360            | 9263         | 0.58%          | 0.025%        |
| 12        | 3.784       | 3.758        | 3.800      | VV       | 37597          | 365634       | 22.91%         | 1.001%        |
| 13        | 3.815       | 3.800        | 4.013      | VV       | 44983          | 652287       | 40.86%         | 1.785%        |
| 14        | 4.031       | 4.013        | 4.141      | VV       | 651            | 30911        | 1.94%          | 0.085%        |
| 15        | 4.149       | 4.141        | 4.160      | VV       | 298            | 3070         | 0.19%          | 0.008%        |
| 16        | 4.171       | 4.160        | 4.209      | VV       | 361            | 7790         | 0.49%          | 0.021%        |
| 17        | 4.254       | 4.209        | 4.382      | VV       | 35475          | 372699       | 23.35%         | 1.020%        |
| 18        | 4.395       | 4.382        | 4.459      | VV       | 499            | 13909        | 0.87%          | 0.038%        |
| 19        | 4.465       | 4.459        | 4.479      | VV       | 209            | 2330         | 0.15%          | 0.006%        |
| 20        | 4.500       | 4.479        | 4.569      | VV       | 251            | 7927         | 0.50%          | 0.022%        |
| 21        | 4.587       | 4.569        | 4.606      | VV       | 229            | 2692         | 0.17%          | 0.007%        |
| 22        | 4.618       | 4.606        | 4.647      | VV       | 191            | 2878         | 0.18%          | 0.008%        |
| 23        | 4.665       | 4.647        | 4.809      | VV       | 17836          | 341664       | 21.40%         | 0.935%        |
| 24        | 4.816       | 4.809        | 4.896      | VV       | 699            | 24925        | 1.56%          | 0.068%        |
| 25        | 4.905       | 4.896        | 4.990      | VV       | 451            | 16852        | 1.06%          | 0.046%        |
| 26        | 4.996       | 4.990        | 5.034      | VV       | 267            | 5302         | 0.33%          | 0.015%        |
| 27        | 5.055       | 5.034        | 5.091      | VV       | 345            | 6219         | 0.39%          | 0.017%        |
| 28        | 5.097       | 5.091        | 5.107      | VV       | 176            | 1676         | 0.10%          | 0.005%        |
| 29        | 5.118       | 5.107        | 5.156      | VV       | 264            | 4446         | 0.28%          | 0.012%        |
| 30        | 5.159       | 5.156        | 5.194      | VV       | 135            | 2801         | 0.18%          | 0.008%        |
| 31        | 5.225       | 5.194        | 5.249      | VV       | 249            | 4791         | 0.30%          | 0.013%        |
| 32        | 5.258       | 5.249        | 5.297      | VV       | 262            | 4285         | 0.27%          | 0.012%        |
| 33        | 5.302       | 5.297        | 5.321      | VV       | 156            | 1527         | 0.10%          | 0.004%        |
| 34        | 5.339       | 5.321        | 5.376      | VV       | 162            | 3401         | 0.21%          | 0.009%        |
| 35        | 5.405       | 5.376        | 5.464      | VV       | 205            | 4816         | 0.30%          | 0.013%        |
| 36        | 5.482       | 5.464        | 5.497      | VV       | 193            | 1825         | 0.11%          | 0.005%        |

|            |       |       |       |    |        |         |         |        |
|------------|-------|-------|-------|----|--------|---------|---------|--------|
| rteres.txt |       |       |       |    |        |         |         |        |
| 37         | 5.508 | 5.497 | 5.552 | PV | 173    | 3649    | 0.23%   | 0.010% |
| 38         | 5.569 | 5.552 | 5.578 | VV | 158    | 1904    | 0.12%   | 0.005% |
| 39         | 5.643 | 5.578 | 5.689 | VV | 169    | 7407    | 0.46%   | 0.020% |
| 40         | 5.717 | 5.689 | 5.744 | VV | 196    | 4473    | 0.28%   | 0.012% |
| 41         | 5.761 | 5.744 | 5.802 | VV | 409    | 8330    | 0.52%   | 0.023% |
| 42         | 5.821 | 5.802 | 5.842 | VV | 268    | 4737    | 0.30%   | 0.013% |
| 43         | 5.847 | 5.842 | 5.884 | VV | 247    | 5064    | 0.32%   | 0.014% |
| 44         | 5.905 | 5.884 | 5.916 | VV | 274    | 4549    | 0.28%   | 0.012% |
| 45         | 5.924 | 5.916 | 5.959 | VV | 357    | 5838    | 0.37%   | 0.016% |
| 46         | 5.971 | 5.959 | 5.982 | VV | 225    | 2353    | 0.15%   | 0.006% |
| 47         | 5.992 | 5.982 | 6.006 | VV | 249    | 2015    | 0.13%   | 0.006% |
| 48         | 6.017 | 6.006 | 6.029 | VV | 175    | 2082    | 0.13%   | 0.006% |
| 49         | 6.040 | 6.029 | 6.084 | VV | 199    | 4359    | 0.27%   | 0.012% |
| 50         | 6.089 | 6.084 | 6.102 | VV | 136    | 1093    | 0.07%   | 0.003% |
| 51         | 6.114 | 6.102 | 6.149 | PV | 160    | 2260    | 0.14%   | 0.006% |
| 52         | 6.181 | 6.149 | 6.187 | VV | 203    | 2096    | 0.13%   | 0.006% |
| 53         | 6.225 | 6.187 | 6.266 | VV | 265    | 6393    | 0.40%   | 0.017% |
| 54         | 6.267 | 6.266 | 6.341 | VV | 136    | 4255    | 0.27%   | 0.012% |
| 55         | 6.349 | 6.341 | 6.366 | VV | 208    | 2382    | 0.15%   | 0.007% |
| 56         | 6.375 | 6.366 | 6.397 | VV | 255    | 2764    | 0.17%   | 0.008% |
| 57         | 6.415 | 6.397 | 6.446 | VV | 231    | 3664    | 0.23%   | 0.010% |
| 58         | 6.460 | 6.446 | 6.468 | PV | 166    | 1628    | 0.10%   | 0.004% |
| 59         | 6.477 | 6.468 | 6.491 | VV | 172    | 1463    | 0.09%   | 0.004% |
| 60         | 6.502 | 6.491 | 6.510 | VV | 155    | 1491    | 0.09%   | 0.004% |
| 61         | 6.522 | 6.510 | 6.545 | VV | 178    | 2945    | 0.18%   | 0.008% |
| 62         | 6.578 | 6.545 | 6.626 | VV | 251    | 7955    | 0.50%   | 0.022% |
| 63         | 6.634 | 6.626 | 6.671 | VV | 177    | 3326    | 0.21%   | 0.009% |
| 64         | 6.681 | 6.671 | 6.732 | VV | 164    | 5255    | 0.33%   | 0.014% |
| 65         | 6.756 | 6.732 | 6.781 | VV | 219    | 4367    | 0.27%   | 0.012% |
| 66         | 6.810 | 6.781 | 6.842 | VV | 322    | 7606    | 0.48%   | 0.021% |
| 67         | 6.852 | 6.842 | 6.876 | VV | 207    | 3168    | 0.20%   | 0.009% |
| 68         | 6.882 | 6.876 | 6.912 | VV | 233    | 3523    | 0.22%   | 0.010% |
| 69         | 6.938 | 6.912 | 6.981 | VV | 450    | 8536    | 0.53%   | 0.023% |
| 70         | 6.997 | 6.981 | 7.024 | VV | 215    | 3514    | 0.22%   | 0.010% |
| 71         | 7.093 | 7.024 | 7.109 | VV | 230    | 7722    | 0.48%   | 0.021% |
| 72         | 7.119 | 7.109 | 7.137 | VV | 200    | 2734    | 0.17%   | 0.007% |
| 73         | 7.145 | 7.137 | 7.162 | VV | 170    | 2033    | 0.13%   | 0.006% |
| 74         | 7.276 | 7.162 | 7.346 | VV | 727    | 46429   | 2.91%   | 0.127% |
| 75         | 7.370 | 7.346 | 7.382 | VV | 495    | 9043    | 0.57%   | 0.025% |
| 76         | 7.412 | 7.382 | 7.501 | VV | 144963 | 1596289 | 100.00% | 4.368% |
| 77         | 7.525 | 7.501 | 7.649 | VV | 2785   | 108406  | 6.79%   | 0.297% |
| 78         | 7.679 | 7.649 | 7.717 | VV | 621    | 20452   | 1.28%   | 0.056% |
| 79         | 7.724 | 7.717 | 7.757 | VV | 562    | 9734    | 0.61%   | 0.027% |
| 80         | 7.780 | 7.757 | 7.846 | VV | 845    | 28613   | 1.79%   | 0.078% |
| 81         | 7.891 | 7.846 | 7.909 | VV | 1831   | 31248   | 1.96%   | 0.086% |
| 82         | 7.918 | 7.909 | 7.935 | VV | 1103   | 13877   | 0.87%   | 0.038% |
| 83         | 7.945 | 7.935 | 7.966 | VV | 727    | 11344   | 0.71%   | 0.031% |
| 84         | 7.974 | 7.966 | 8.010 | VV | 602    | 10836   | 0.68%   | 0.030% |
| 85         | 8.036 | 8.010 | 8.057 | VV | 4325   | 55291   | 3.46%   | 0.151% |
| 86         | 8.071 | 8.057 | 8.112 | VV | 2319   | 39428   | 2.47%   | 0.108% |
| 87         | 8.122 | 8.112 | 8.144 | VV | 574    | 8257    | 0.52%   | 0.023% |
| 88         | 8.161 | 8.144 | 8.196 | VV | 648    | 11569   | 0.72%   | 0.032% |
| 89         | 8.209 | 8.196 | 8.241 | VV | 279    | 5141    | 0.32%   | 0.014% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 90         | 8.267  | 8.241  | 8.342  | VV | 43124 | 576653 | 36.12% | 1.578% |
| 91         | 8.362  | 8.342  | 8.402  | VV | 7360  | 104036 | 6.52%  | 0.285% |
| 92         | 8.416  | 8.402  | 8.456  | VV | 1150  | 25294  | 1.58%  | 0.069% |
| 93         | 8.482  | 8.456  | 8.538  | VV | 668   | 24608  | 1.54%  | 0.067% |
| 94         | 8.559  | 8.538  | 8.584  | VV | 377   | 7589   | 0.48%  | 0.021% |
| 95         | 8.604  | 8.584  | 8.619  | VV | 819   | 11172  | 0.70%  | 0.031% |
| 96         | 8.640  | 8.619  | 8.747  | VV | 3541  | 82715  | 5.18%  | 0.226% |
| 97         | 8.775  | 8.747  | 8.797  | VV | 983   | 18797  | 1.18%  | 0.051% |
| 98         | 8.813  | 8.797  | 8.862  | VV | 1195  | 20919  | 1.31%  | 0.057% |
| 99         | 8.871  | 8.862  | 8.906  | VV | 290   | 6331   | 0.40%  | 0.017% |
| 100        | 8.927  | 8.906  | 8.944  | VV | 1209  | 16002  | 1.00%  | 0.044% |
| 101        | 8.982  | 8.944  | 9.034  | VV | 3274  | 76420  | 4.79%  | 0.209% |
| 102        | 9.062  | 9.034  | 9.086  | VV | 854   | 14281  | 0.89%  | 0.039% |
| 103        | 9.102  | 9.086  | 9.121  | VV | 371   | 5333   | 0.33%  | 0.015% |
| 104        | 9.144  | 9.121  | 9.199  | VV | 9518  | 140189 | 8.78%  | 0.384% |
| 105        | 9.222  | 9.199  | 9.239  | VV | 1201  | 17647  | 1.11%  | 0.048% |
| 106        | 9.260  | 9.239  | 9.276  | VV | 903   | 14913  | 0.93%  | 0.041% |
| 107        | 9.292  | 9.276  | 9.319  | VV | 1979  | 28914  | 1.81%  | 0.079% |
| 108        | 9.325  | 9.319  | 9.336  | VV | 665   | 5765   | 0.36%  | 0.016% |
| 109        | 9.352  | 9.336  | 9.399  | VV | 1235  | 21900  | 1.37%  | 0.060% |
| 110        | 9.405  | 9.399  | 9.439  | VV | 372   | 5991   | 0.38%  | 0.016% |
| 111        | 9.466  | 9.439  | 9.487  | VV | 2465  | 33168  | 2.08%  | 0.091% |
| 112        | 9.516  | 9.487  | 9.539  | VV | 1616  | 39041  | 2.45%  | 0.107% |
| 113        | 9.567  | 9.539  | 9.609  | VV | 3795  | 77882  | 4.88%  | 0.213% |
| 114        | 9.624  | 9.609  | 9.656  | VV | 1111  | 22148  | 1.39%  | 0.061% |
| 115        | 9.663  | 9.656  | 9.706  | VV | 558   | 11507  | 0.72%  | 0.031% |
| 116        | 9.726  | 9.706  | 9.781  | VV | 478   | 10780  | 0.68%  | 0.029% |
| 117        | 9.794  | 9.781  | 9.816  | VV | 116   | 2025   | 0.13%  | 0.006% |
| 118        | 9.827  | 9.816  | 9.849  | VV | 179   | 1560   | 0.10%  | 0.004% |
| 119        | 9.884  | 9.849  | 9.905  | PV | 364   | 5668   | 0.36%  | 0.016% |
| 120        | 9.952  | 9.905  | 9.971  | VV | 271   | 6933   | 0.43%  | 0.019% |
| 121        | 10.021 | 9.971  | 10.044 | VV | 2746  | 50313  | 3.15%  | 0.138% |
| 122        | 10.058 | 10.044 | 10.112 | VV | 1552  | 27594  | 1.73%  | 0.076% |
| 123        | 10.135 | 10.112 | 10.174 | VV | 2177  | 39611  | 2.48%  | 0.108% |
| 124        | 10.201 | 10.174 | 10.245 | VV | 1082  | 30282  | 1.90%  | 0.083% |
| 125        | 10.305 | 10.245 | 10.318 | VV | 2451  | 55540  | 3.48%  | 0.152% |
| 126        | 10.339 | 10.318 | 10.422 | VV | 3952  | 90002  | 5.64%  | 0.246% |
| 127        | 10.437 | 10.422 | 10.455 | VV | 1273  | 14755  | 0.92%  | 0.040% |
| 128        | 10.469 | 10.455 | 10.486 | VV | 537   | 7414   | 0.46%  | 0.020% |
| 129        | 10.531 | 10.486 | 10.584 | VV | 78041 | 968648 | 60.68% | 2.651% |
| 130        | 10.608 | 10.584 | 10.779 | VV | 19776 | 373413 | 23.39% | 1.022% |
| 131        | 10.803 | 10.779 | 10.819 | VV | 354   | 5561   | 0.35%  | 0.015% |
| 132        | 10.843 | 10.819 | 10.876 | VV | 2332  | 43016  | 2.69%  | 0.118% |
| 133        | 10.880 | 10.876 | 10.913 | VV | 887   | 14842  | 0.93%  | 0.041% |
| 134        | 10.935 | 10.913 | 10.982 | VV | 874   | 22485  | 1.41%  | 0.062% |
| 135        | 11.001 | 10.982 | 11.036 | VV | 807   | 16992  | 1.06%  | 0.046% |
| 136        | 11.067 | 11.036 | 11.108 | VV | 1950  | 39852  | 2.50%  | 0.109% |
| 137        | 11.134 | 11.108 | 11.164 | VV | 1058  | 16340  | 1.02%  | 0.045% |
| 138        | 11.184 | 11.164 | 11.211 | VV | 922   | 15034  | 0.94%  | 0.041% |
| 139        | 11.230 | 11.211 | 11.251 | VV | 421   | 6199   | 0.39%  | 0.017% |
| 140        | 11.261 | 11.251 | 11.274 | PV | 220   | 1309   | 0.08%  | 0.004% |
| 141        | 11.299 | 11.274 | 11.318 | VV | 36335 | 388963 | 24.37% | 1.064% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 11.331 | 11.318 | 11.347 | VV | 8909   | 106299  | 6.66%  | 0.291% |
| 143        | 11.362 | 11.347 | 11.403 | VV | 10817  | 153758  | 9.63%  | 0.421% |
| 144        | 11.441 | 11.403 | 11.462 | VV | 17215  | 245462  | 15.38% | 0.672% |
| 145        | 11.477 | 11.462 | 11.491 | VV | 5810   | 73786   | 4.62%  | 0.202% |
|            |        |        |        |    |        |         |        |        |
| 146        | 11.508 | 11.491 | 11.559 | VV | 7742   | 111363  | 6.98%  | 0.305% |
| 147        | 11.612 | 11.559 | 11.649 | VV | 567    | 19180   | 1.20%  | 0.052% |
| 148        | 11.667 | 11.649 | 11.686 | VV | 884    | 10890   | 0.68%  | 0.030% |
| 149        | 11.713 | 11.686 | 11.779 | VV | 1680   | 40900   | 2.56%  | 0.112% |
| 150        | 11.805 | 11.779 | 11.847 | PV | 3959   | 66135   | 4.14%  | 0.181% |
|            |        |        |        |    |        |         |        |        |
| 151        | 11.860 | 11.847 | 11.899 | VV | 759    | 12234   | 0.77%  | 0.033% |
| 152        | 11.920 | 11.899 | 11.989 | PV | 3575   | 77350   | 4.85%  | 0.212% |
| 153        | 11.996 | 11.989 | 12.017 | VV | 469    | 7711    | 0.48%  | 0.021% |
| 154        | 12.073 | 12.017 | 12.096 | VV | 1046   | 28082   | 1.76%  | 0.077% |
| 155        | 12.118 | 12.096 | 12.159 | VV | 1807   | 36214   | 2.27%  | 0.099% |
|            |        |        |        |    |        |         |        |        |
| 156        | 12.188 | 12.159 | 12.204 | VV | 1879   | 27400   | 1.72%  | 0.075% |
| 157        | 12.224 | 12.204 | 12.247 | VV | 6010   | 80483   | 5.04%  | 0.220% |
| 158        | 12.261 | 12.247 | 12.277 | VV | 2648   | 35909   | 2.25%  | 0.098% |
| 159        | 12.289 | 12.277 | 12.311 | VV | 2159   | 37736   | 2.36%  | 0.103% |
| 160        | 12.336 | 12.311 | 12.398 | VV | 104548 | 1271455 | 79.65% | 3.479% |
|            |        |        |        |    |        |         |        |        |
| 161        | 12.411 | 12.398 | 12.422 | VV | 1066   | 13366   | 0.84%  | 0.037% |
| 162        | 12.435 | 12.422 | 12.459 | VV | 1058   | 16616   | 1.04%  | 0.045% |
| 163        | 12.478 | 12.459 | 12.489 | VV | 1071   | 14154   | 0.89%  | 0.039% |
| 164        | 12.520 | 12.489 | 12.543 | VV | 3272   | 59631   | 3.74%  | 0.163% |
| 165        | 12.566 | 12.543 | 12.602 | VV | 1818   | 44840   | 2.81%  | 0.123% |
|            |        |        |        |    |        |         |        |        |
| 166        | 12.630 | 12.602 | 12.669 | VV | 79046  | 925090  | 57.95% | 2.531% |
| 167        | 12.691 | 12.669 | 12.708 | VV | 6876   | 90860   | 5.69%  | 0.249% |
| 168        | 12.742 | 12.708 | 12.787 | VV | 24946  | 389549  | 24.40% | 1.066% |
| 169        | 12.811 | 12.787 | 12.827 | VV | 2811   | 36311   | 2.27%  | 0.099% |
| 170        | 12.842 | 12.827 | 12.879 | VV | 1991   | 28549   | 1.79%  | 0.078% |
|            |        |        |        |    |        |         |        |        |
| 171        | 12.910 | 12.879 | 12.946 | PV | 3947   | 62939   | 3.94%  | 0.172% |
| 172        | 12.968 | 12.946 | 12.976 | VV | 1015   | 13916   | 0.87%  | 0.038% |
| 173        | 12.987 | 12.976 | 13.007 | VV | 1101   | 14447   | 0.91%  | 0.040% |
| 174        | 13.032 | 13.007 | 13.044 | VV | 2725   | 37066   | 2.32%  | 0.101% |
| 175        | 13.069 | 13.044 | 13.134 | VV | 53035  | 788927  | 49.42% | 2.159% |
|            |        |        |        |    |        |         |        |        |
| 176        | 13.149 | 13.134 | 13.177 | VV | 1717   | 33068   | 2.07%  | 0.090% |
| 177        | 13.222 | 13.177 | 13.279 | VV | 15199  | 293356  | 18.38% | 0.803% |
| 178        | 13.290 | 13.279 | 13.306 | VV | 1622   | 20959   | 1.31%  | 0.057% |
| 179        | 13.329 | 13.306 | 13.350 | VV | 11130  | 146822  | 9.20%  | 0.402% |
| 180        | 13.366 | 13.350 | 13.431 | VV | 6962   | 127691  | 8.00%  | 0.349% |
|            |        |        |        |    |        |         |        |        |
| 181        | 13.494 | 13.431 | 13.518 | VV | 6262   | 149275  | 9.35%  | 0.408% |
| 182        | 13.535 | 13.518 | 13.585 | VV | 4210   | 76312   | 4.78%  | 0.209% |
| 183        | 13.608 | 13.585 | 13.639 | VV | 924    | 22976   | 1.44%  | 0.063% |
| 184        | 13.662 | 13.639 | 13.689 | VV | 724    | 16574   | 1.04%  | 0.045% |
| 185        | 13.711 | 13.689 | 13.747 | VV | 592    | 17728   | 1.11%  | 0.049% |
|            |        |        |        |    |        |         |        |        |
| 186        | 13.753 | 13.747 | 13.771 | VV | 405    | 3599    | 0.23%  | 0.010% |
| 187        | 13.807 | 13.771 | 13.839 | PV | 669    | 12408   | 0.78%  | 0.034% |
| 188        | 13.861 | 13.839 | 13.869 | VV | 367    | 3651    | 0.23%  | 0.010% |
| 189        | 13.923 | 13.869 | 13.945 | VV | 2285   | 54974   | 3.44%  | 0.150% |
| 190        | 13.966 | 13.945 | 13.997 | VV | 4145   | 69927   | 4.38%  | 0.191% |
|            |        |        |        |    |        |         |        |        |
| 191        | 14.056 | 13.997 | 14.097 | VV | 3305   | 83970   | 5.26%  | 0.230% |
| 192        | 14.132 | 14.097 | 14.166 | VV | 6224   | 119810  | 7.51%  | 0.328% |
| 193        | 14.190 | 14.166 | 14.222 | VV | 10279  | 150499  | 9.43%  | 0.412% |
| 194        | 14.269 | 14.222 | 14.304 | VV | 4800   | 131738  | 8.25%  | 0.360% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 14.315 | 14.304 | 14.332 | VV | 1141       | 15512  | 0.97%  | 0.042% |
| 196 | 14.348 | 14.332 | 14.362 | VV | 873        | 12590  | 0.79%  | 0.034% |
| 197 | 14.380 | 14.362 | 14.444 | VV | 1976       | 35312  | 2.21%  | 0.097% |
| 198 | 14.463 | 14.444 | 14.476 | PV | 1973       | 20043  | 1.26%  | 0.055% |
| 199 | 14.502 | 14.476 | 14.523 | VV | 35927      | 488646 | 30.61% | 1.337% |
| 200 | 14.543 | 14.523 | 14.579 | VV | 36580      | 550457 | 34.48% | 1.506% |
| 201 | 14.593 | 14.579 | 14.625 | VV | 3284       | 54183  | 3.39%  | 0.148% |
| 202 | 14.663 | 14.625 | 14.724 | VV | 7735       | 179369 | 11.24% | 0.491% |
| 203 | 14.735 | 14.724 | 14.742 | VV | 961        | 8505   | 0.53%  | 0.023% |
| 204 | 14.765 | 14.742 | 14.788 | VV | 1063       | 20217  | 1.27%  | 0.055% |
| 205 | 14.822 | 14.788 | 14.834 | VV | 3146       | 46652  | 2.92%  | 0.128% |
| 206 | 14.843 | 14.834 | 14.909 | VV | 2761       | 57833  | 3.62%  | 0.158% |
| 207 | 14.971 | 14.909 | 15.031 | VV | 3056       | 88658  | 5.55%  | 0.243% |
| 208 | 15.068 | 15.031 | 15.077 | PV | 692        | 13782  | 0.86%  | 0.038% |
| 209 | 15.115 | 15.077 | 15.152 | VV | 2165       | 55070  | 3.45%  | 0.151% |
| 210 | 15.176 | 15.152 | 15.198 | VV | 8975       | 123846 | 7.76%  | 0.339% |
| 211 | 15.214 | 15.198 | 15.241 | VV | 4482       | 65927  | 4.13%  | 0.180% |
| 212 | 15.257 | 15.241 | 15.276 | VV | 2073       | 30802  | 1.93%  | 0.084% |
| 213 | 15.314 | 15.276 | 15.323 | VV | 4049       | 63623  | 3.99%  | 0.174% |
| 214 | 15.338 | 15.323 | 15.386 | VV | 4892       | 99713  | 6.25%  | 0.273% |
| 215 | 15.407 | 15.386 | 15.444 | VV | 1910       | 43403  | 2.72%  | 0.119% |
| 216 | 15.454 | 15.444 | 15.482 | VV | 745        | 11100  | 0.70%  | 0.030% |
| 217 | 15.503 | 15.482 | 15.539 | VV | 1695       | 26266  | 1.65%  | 0.072% |
| 218 | 15.575 | 15.539 | 15.587 | VV | 1320       | 23762  | 1.49%  | 0.065% |
| 219 | 15.609 | 15.587 | 15.661 | VV | 3435       | 64732  | 4.06%  | 0.177% |
| 220 | 15.679 | 15.661 | 15.701 | VV | 817        | 11123  | 0.70%  | 0.030% |
| 221 | 15.710 | 15.701 | 15.731 | VV | 541        | 4637   | 0.29%  | 0.013% |
| 222 | 15.768 | 15.731 | 15.794 | PV | 1470       | 32919  | 2.06%  | 0.090% |
| 223 | 15.807 | 15.794 | 15.828 | VV | 1717       | 24710  | 1.55%  | 0.068% |
| 224 | 15.850 | 15.828 | 15.901 | VV | 1872       | 45411  | 2.84%  | 0.124% |
| 225 | 15.924 | 15.901 | 15.948 | VV | 902        | 19004  | 1.19%  | 0.052% |
| 226 | 15.975 | 15.948 | 15.992 | VV | 2378       | 36200  | 2.27%  | 0.099% |
| 227 | 16.007 | 15.992 | 16.019 | VV | 1521       | 15615  | 0.98%  | 0.043% |
| 228 | 16.054 | 16.019 | 16.074 | VV | 37432      | 531867 | 33.32% | 1.455% |
| 229 | 16.084 | 16.074 | 16.129 | VV | 17797      | 248400 | 15.56% | 0.680% |
| 230 | 16.136 | 16.129 | 16.149 | VV | 1115       | 11304  | 0.71%  | 0.031% |
| 231 | 16.186 | 16.149 | 16.211 | VV | 7219       | 108496 | 6.80%  | 0.297% |
| 232 | 16.223 | 16.211 | 16.262 | VV | 1957       | 39116  | 2.45%  | 0.107% |
| 233 | 16.277 | 16.262 | 16.289 | VV | 915        | 10874  | 0.68%  | 0.030% |
| 234 | 16.307 | 16.289 | 16.322 | VV | 1260       | 19353  | 1.21%  | 0.053% |
| 235 | 16.373 | 16.322 | 16.404 | VV | 23197      | 400881 | 25.11% | 1.097% |
| 236 | 16.432 | 16.404 | 16.497 | VV | 26472      | 421252 | 26.39% | 1.153% |
| 237 | 16.534 | 16.497 | 16.579 | VV | 7463       | 172739 | 10.82% | 0.473% |
| 238 | 16.592 | 16.579 | 16.618 | VV | 2456       | 41405  | 2.59%  | 0.113% |
| 239 | 16.642 | 16.618 | 16.657 | VV | 1265       | 24057  | 1.51%  | 0.066% |
| 240 | 16.681 | 16.657 | 16.731 | VV | 2467       | 66280  | 4.15%  | 0.181% |
| 241 | 16.740 | 16.731 | 16.755 | VV | 1061       | 11249  | 0.70%  | 0.031% |
| 242 | 16.799 | 16.755 | 16.878 | VV | 3551       | 139490 | 8.74%  | 0.382% |
| 243 | 16.930 | 16.878 | 16.946 | VV | 3536       | 65169  | 4.08%  | 0.178% |
| 244 | 16.955 | 16.946 | 16.989 | VV | 2056       | 35011  | 2.19%  | 0.096% |
| 245 | 17.009 | 16.989 | 17.039 | VV | 3398       | 65641  | 4.11%  | 0.180% |
| 246 | 17.047 | 17.039 | 17.066 | VV | 1585       | 21168  | 1.33%  | 0.058% |

|     |        |        |        |    |            |        |        |        |  |
|-----|--------|--------|--------|----|------------|--------|--------|--------|--|
|     |        |        |        |    | rteres.txt |        |        |        |  |
| 247 | 17.087 | 17.066 | 17.121 | VV | 3761       | 73593  | 4.61%  | 0.201% |  |
| 248 | 17.132 | 17.121 | 17.181 | VV | 1347       | 30383  | 1.90%  | 0.083% |  |
| 249 | 17.207 | 17.181 | 17.241 | PV | 981        | 15942  | 1.00%  | 0.044% |  |
| 250 | 17.259 | 17.241 | 17.296 | PV | 621        | 12087  | 0.76%  | 0.033% |  |
| 251 | 17.322 | 17.296 | 17.330 | PV | 583        | 5043   | 0.32%  | 0.014% |  |
| 252 | 17.397 | 17.330 | 17.414 | VV | 1732       | 45962  | 2.88%  | 0.126% |  |
| 253 | 17.440 | 17.414 | 17.482 | VV | 3747       | 80077  | 5.02%  | 0.219% |  |
| 254 | 17.523 | 17.482 | 17.534 | VV | 2569       | 46873  | 2.94%  | 0.128% |  |
| 255 | 17.551 | 17.534 | 17.564 | VV | 2574       | 40665  | 2.55%  | 0.111% |  |
| 256 | 17.596 | 17.564 | 17.641 | VV | 3188       | 107426 | 6.73%  | 0.294% |  |
| 257 | 17.657 | 17.641 | 17.686 | VV | 1469       | 29783  | 1.87%  | 0.081% |  |
| 258 | 17.711 | 17.686 | 17.769 | VV | 6390       | 147752 | 9.26%  | 0.404% |  |
| 259 | 17.800 | 17.769 | 17.832 | VV | 15221      | 255758 | 16.02% | 0.700% |  |
| 260 | 17.852 | 17.832 | 17.882 | VV | 5033       | 113927 | 7.14%  | 0.312% |  |
| 261 | 17.891 | 17.882 | 17.906 | VV | 2834       | 32432  | 2.03%  | 0.089% |  |
| 262 | 17.938 | 17.906 | 17.952 | VV | 4630       | 84095  | 5.27%  | 0.230% |  |
| 263 | 17.968 | 17.952 | 18.027 | VV | 3264       | 97193  | 6.09%  | 0.266% |  |
| 264 | 18.052 | 18.027 | 18.106 | VV | 15064      | 210120 | 13.16% | 0.575% |  |
| 265 | 18.190 | 18.106 | 18.212 | PV | 4175       | 106095 | 6.65%  | 0.290% |  |
| 266 | 18.226 | 18.212 | 18.238 | VV | 1523       | 17863  | 1.12%  | 0.049% |  |
| 267 | 18.265 | 18.238 | 18.276 | VV | 2167       | 35335  | 2.21%  | 0.097% |  |
| 268 | 18.294 | 18.276 | 18.316 | VV | 2494       | 43913  | 2.75%  | 0.120% |  |
| 269 | 18.342 | 18.316 | 18.352 | VV | 2368       | 41324  | 2.59%  | 0.113% |  |
| 270 | 18.363 | 18.352 | 18.371 | VV | 2069       | 21848  | 1.37%  | 0.060% |  |
| 271 | 18.383 | 18.371 | 18.400 | VV | 2568       | 35008  | 2.19%  | 0.096% |  |
| 272 | 18.413 | 18.400 | 18.429 | VV | 1768       | 23876  | 1.50%  | 0.065% |  |
| 273 | 18.497 | 18.429 | 18.542 | VV | 1501       | 63024  | 3.95%  | 0.172% |  |
| 274 | 18.575 | 18.542 | 18.604 | PV | 1239       | 22095  | 1.38%  | 0.060% |  |
| 275 | 18.664 | 18.604 | 18.695 | VV | 2465       | 67301  | 4.22%  | 0.184% |  |
| 276 | 18.741 | 18.695 | 18.756 | PV | 2654       | 65186  | 4.08%  | 0.178% |  |
| 277 | 18.770 | 18.756 | 18.791 | VV | 1936       | 34189  | 2.14%  | 0.094% |  |
| 278 | 18.845 | 18.791 | 18.866 | VV | 2307       | 67559  | 4.23%  | 0.185% |  |
| 279 | 18.879 | 18.866 | 18.894 | VV | 1860       | 25047  | 1.57%  | 0.069% |  |
| 280 | 18.953 | 18.894 | 18.961 | VV | 1571       | 54568  | 3.42%  | 0.149% |  |
| 281 | 18.995 | 18.961 | 19.012 | VV | 2083       | 46329  | 2.90%  | 0.127% |  |
| 282 | 19.077 | 19.012 | 19.087 | VV | 3348       | 116587 | 7.30%  | 0.319% |  |
| 283 | 19.140 | 19.087 | 19.149 | VV | 3797       | 114869 | 7.20%  | 0.314% |  |
| 284 | 19.218 | 19.149 | 19.255 | VV | 9859       | 407477 | 25.53% | 1.115% |  |
| 285 | 19.284 | 19.255 | 19.316 | VV | 10138      | 303169 | 18.99% | 0.830% |  |
| 286 | 19.357 | 19.316 | 19.392 | VV | 8345       | 341060 | 21.37% | 0.933% |  |
| 287 | 19.429 | 19.392 | 19.449 | VV | 7570       | 238055 | 14.91% | 0.651% |  |
| 288 | 19.501 | 19.449 | 19.510 | VV | 7655       | 252651 | 15.83% | 0.691% |  |
| 289 | 19.597 | 19.510 | 19.624 | VV | 13515      | 682100 | 42.73% | 1.866% |  |
| 290 | 19.673 | 19.624 | 19.687 | VV | 14780      | 485331 | 30.40% | 1.328% |  |
| 291 | 19.705 | 19.687 | 19.735 | VV | 14466      | 398539 | 24.97% | 1.091% |  |
| 292 | 19.755 | 19.735 | 19.766 | VV | 13802      | 250235 | 15.68% | 0.685% |  |
| 293 | 19.784 | 19.766 | 19.794 | VV | 13942      | 223025 | 13.97% | 0.610% |  |
| 294 | 19.809 | 19.794 | 19.830 | VV | 14493      | 300636 | 18.83% | 0.823% |  |
| 295 | 19.848 | 19.830 | 19.867 | VV | 13448      | 286112 | 17.92% | 0.783% |  |
| 296 | 19.901 | 19.867 | 19.909 | VV | 13806      | 319839 | 20.04% | 0.875% |  |
| 297 | 19.937 | 19.909 | 19.947 | VV | 15498      | 333675 | 20.90% | 0.913% |  |
| 298 | 19.970 | 19.947 | 19.995 | VV | 15882      | 442978 | 27.75% | 1.212% |  |
| 299 | 20.006 | 19.995 | 20.059 | VV | 15417      | 540765 | 33.88% | 1.480% |  |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 300 | 20.078 | 20.059 | 20.102 | VV | 13162      | 325158 | 20.37% | 0.890% |
| 301 | 20.110 | 20.102 | 20.126 | VV | 12393      | 165557 | 10.37% | 0.453% |
| 302 | 20.214 | 20.126 | 20.222 | VV | 15293      | 748709 | 46.90% | 2.049% |
| 303 | 20.301 | 20.222 | 20.314 | VV | 20925      | 987220 | 61.84% | 2.701% |
| 304 | 20.325 | 20.314 | 20.344 | VV | 21811      | 381826 | 23.92% | 1.045% |
| 305 | 20.365 | 20.344 | 20.410 | VV | 23214      | 857305 | 53.71% | 2.346% |
| 306 | 20.431 | 20.410 | 20.464 | VV | 21589      | 653872 | 40.96% | 1.789% |
| 307 | 20.484 | 20.464 | 20.507 | VV | 18310      | 458626 | 28.73% | 1.255% |
| 308 | 20.557 | 20.507 | 20.572 | VV | 19420      | 705784 | 44.21% | 1.931% |
| 309 | 20.593 | 20.572 | 20.607 | VV | 19152      | 390025 | 24.43% | 1.067% |
| 310 | 20.621 | 20.607 | 20.684 | VV | 17865      | 748535 | 46.89% | 2.048% |
| 311 | 20.701 | 20.684 | 20.741 | VV | 14396      | 461360 | 28.90% | 1.262% |
| 312 | 20.758 | 20.741 | 20.772 | VV | 12829      | 236293 | 14.80% | 0.647% |
| 313 | 20.786 | 20.772 | 20.811 | VV | 12627      | 278641 | 17.46% | 0.762% |
| 314 | 20.820 | 20.811 | 20.856 | VV | 12160      | 301075 | 18.86% | 0.824% |
| 315 | 20.896 | 20.856 | 20.934 | VV | 11201      | 480038 | 30.07% | 1.314% |
| 316 | 20.940 | 20.934 | 20.948 | VV | 8765       | 74971  | 4.70%  | 0.205% |
| 317 | 20.981 | 20.948 | 20.991 | VV | 9352       | 231991 | 14.53% | 0.635% |
| 318 | 21.017 | 20.991 | 21.109 | VV | 9329       | 495839 | 31.06% | 1.357% |
| 319 | 21.125 | 21.109 | 21.149 | VV | 4054       | 83494  | 5.23%  | 0.228% |
| 320 | 21.157 | 21.149 | 21.169 | VV | 2508       | 26844  | 1.68%  | 0.073% |
| 321 | 21.185 | 21.169 | 21.219 | VV | 2264       | 38015  | 2.38%  | 0.104% |
| 322 | 21.253 | 21.219 | 21.264 | PV | 1307       | 21240  | 1.33%  | 0.058% |
| 323 | 21.284 | 21.264 | 21.309 | VV | 1577       | 28215  | 1.77%  | 0.077% |
| 324 | 21.317 | 21.309 | 21.327 | VV | 506        | 4766   | 0.30%  | 0.013% |
| 325 | 21.365 | 21.327 | 21.382 | PV | 1642       | 24294  | 1.52%  | 0.066% |

Sum of corrected areas: 36544714

Alaphatic EPH 111318.M Thu Nov 29 08:23:49 2018