

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070822AL\  
 Data File : FC060660.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Jul 2022 03:36  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 09 03:58:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:15:44 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

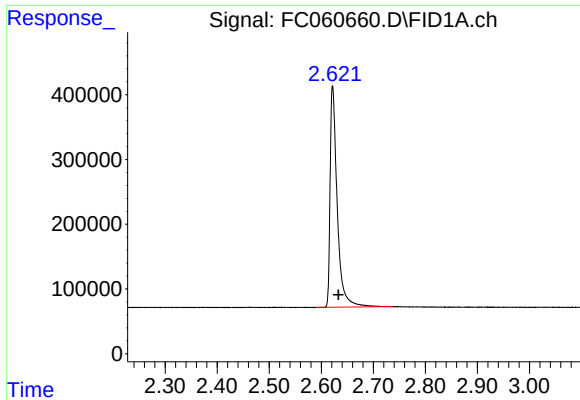
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 10.634 | 3616663    | 19.735 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.47%       |
| 12) S 1-chlorooctadecane (S... | 12.001 | 2858317    | 19.392 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.78%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.623  | 3252135    | 21.201 ug/ml |
| 2) T n-Decane (C10)            | 3.618  | 3295996    | 21.582 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.156  | 3593251    | 21.492 ug/ml |
| 4) T n-Dodecane (C12)          | 5.567  | 3461186    | 21.416 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.179  | 3621463    | 21.304 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.318  | 3489223    | 21.121 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.880  | 3510164    | 20.770 ug/ml |
| 8) T n-Octadecane (C18)        | 10.287 | 3484610    | 20.254 ug/ml |
| 10) T n-Eicosane (C20)         | 11.566 | 3363135    | 19.706 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.163 | 3308777    | 19.406 ug/ml |
| 13) T n-Docosane (C22)         | 12.736 | 3254865    | 19.094 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.813 | 3107244    | 18.506 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.810 | 2967700    | 18.060 ug/ml |
| 16) T n-Octacosane (C28)       | 15.736 | 2871741    | 18.098 ug/ml |
| 17) T n-Tricontane (C30)       | 16.602 | 2829576    | 18.588 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.414 | 2733297    | 18.803 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.180 | 2582679    | 20.334 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.901 | 2508590    | 22.352 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.583 | 3143510    | 28.717 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.229 | 2581039    | 22.853 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

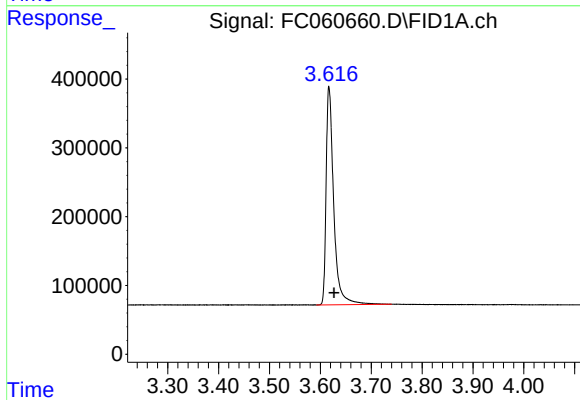
(m)=manual int.





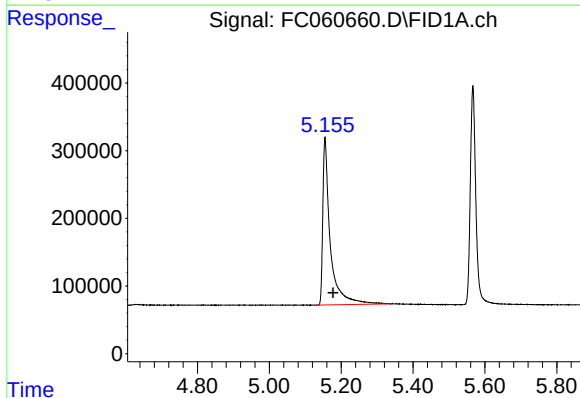
#1 n-Nonane (C9)

R.T.: 2.623 min  
Delta R.T.: -0.010 min  
Response: 3252135  
Conc: 21.20 ug/ml



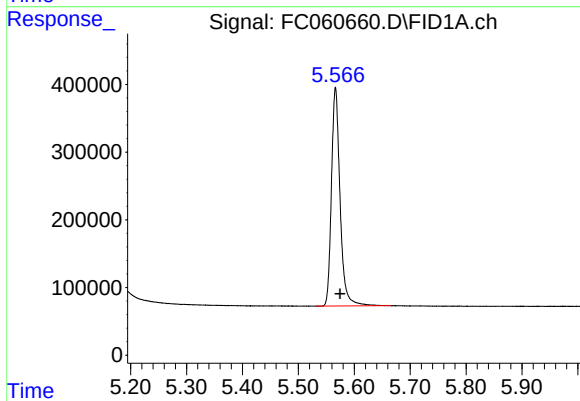
#2 n-Decane (C10)

R.T.: 3.618 min  
Delta R.T.: -0.009 min  
Response: 3295996  
Conc: 21.58 ug/ml



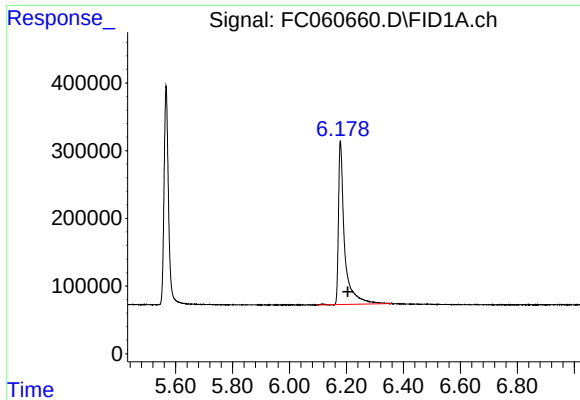
#3 A~Naphthalene (C11.7)

R.T.: 5.156 min  
Delta R.T.: -0.021 min  
Response: 3593251  
Conc: 21.49 ug/ml



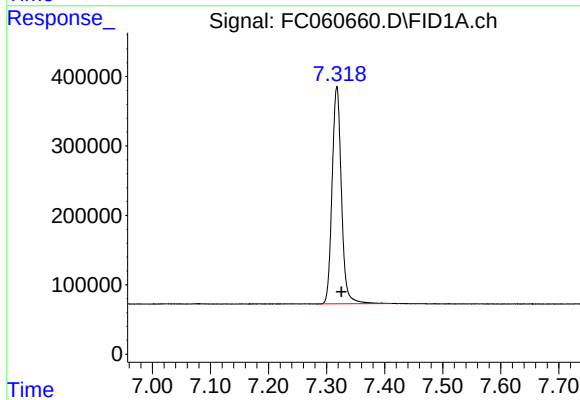
#4 n-Dodecane (C12)

R.T.: 5.567 min  
Delta R.T.: -0.008 min  
Response: 3461186  
Conc: 21.42 ug/ml



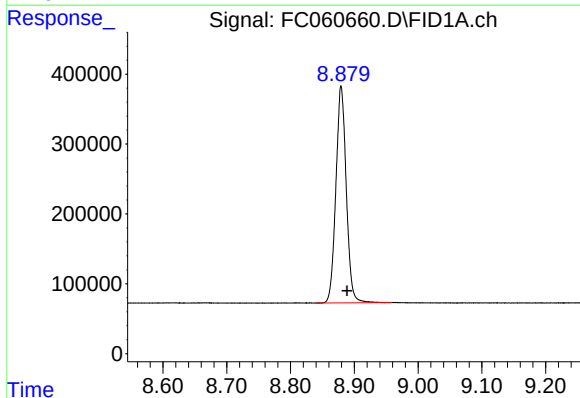
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.179 min  
Delta R.T.: -0.025 min  
Response: 3621463  
Conc: 21.30 ug/ml



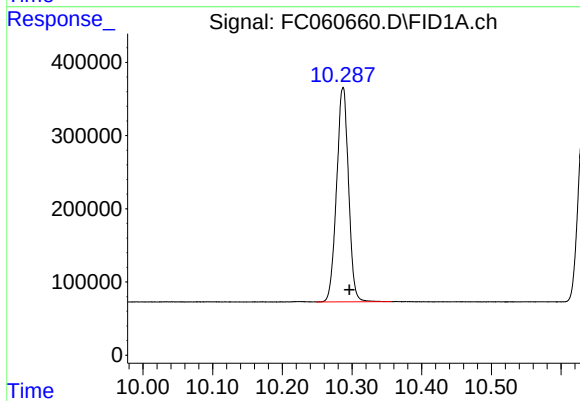
#6 n-Tetradecane (C14)

R.T.: 7.318 min  
Delta R.T.: -0.008 min  
Response: 3489223  
Conc: 21.12 ug/ml



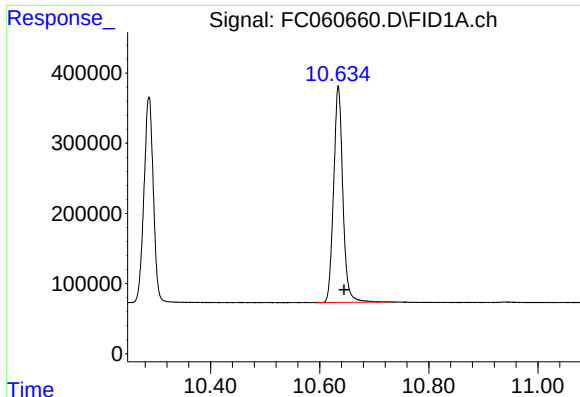
#7 n-Hexadecane (C16)

R.T.: 8.880 min  
Delta R.T.: -0.009 min  
Response: 3510164  
Conc: 20.77 ug/ml



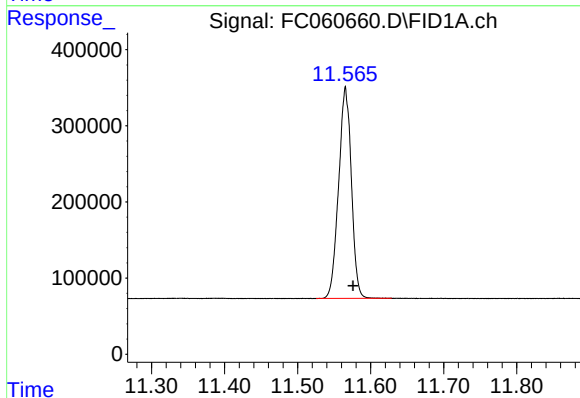
#8 n-Octadecane (C18)

R.T.: 10.287 min  
Delta R.T.: -0.010 min  
Response: 3484610  
Conc: 20.25 ug/ml



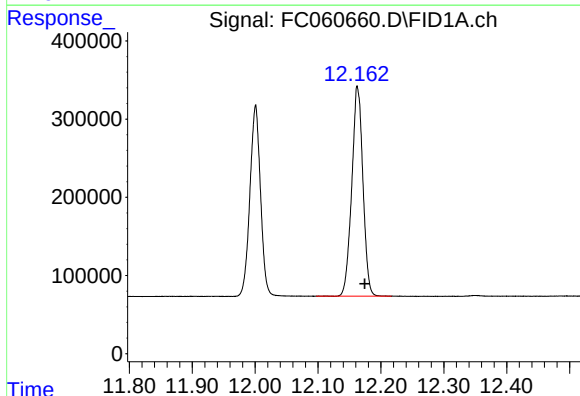
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min  
Delta R.T.: -0.010 min  
Response: 3616663  
Conc: 19.74 ug/ml



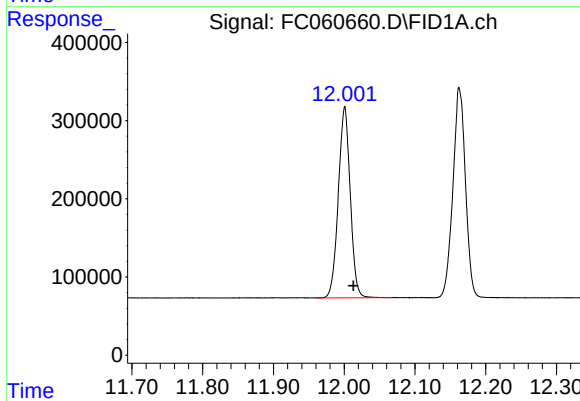
#10 n-Eicosane (C20)

R.T.: 11.566 min  
Delta R.T.: -0.011 min  
Response: 3363135  
Conc: 19.71 ug/ml



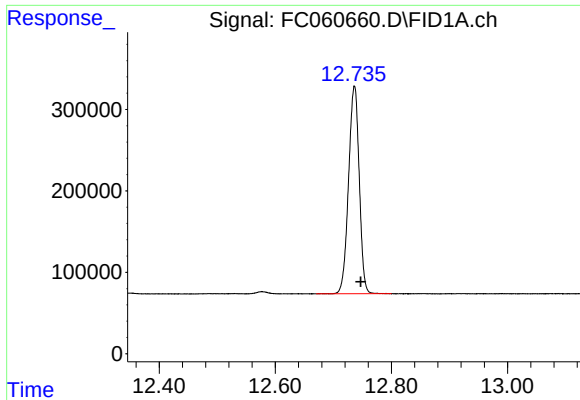
#11 n-Heneicosane (C21)

R.T.: 12.163 min  
Delta R.T.: -0.011 min  
Response: 3308777  
Conc: 19.41 ug/ml



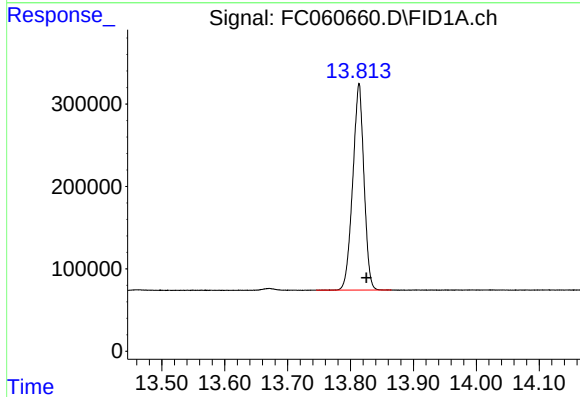
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min  
Delta R.T.: -0.012 min  
Response: 2858317  
Conc: 19.39 ug/ml



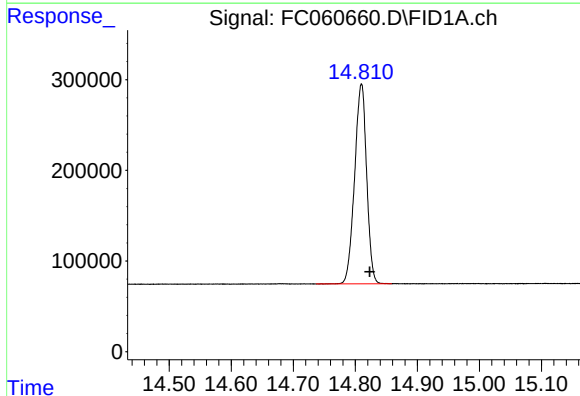
#13 n-Docosane (C22)

R.T.: 12.736 min  
Delta R.T.: -0.011 min  
Response: 3254865  
Conc: 19.09 ug/ml



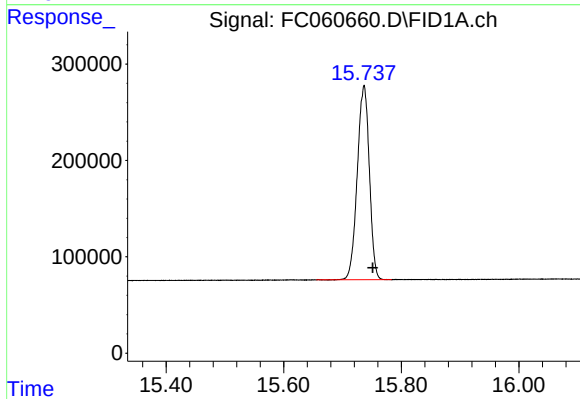
#14 n-Tetracosane (C24)

R.T.: 13.813 min  
Delta R.T.: -0.012 min  
Response: 3107244  
Conc: 18.51 ug/ml



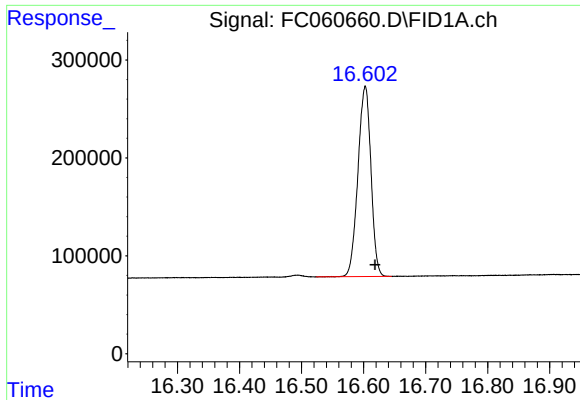
#15 n-Hexacosane (C26)

R.T.: 14.810 min  
Delta R.T.: -0.014 min  
Response: 2967700  
Conc: 18.06 ug/ml



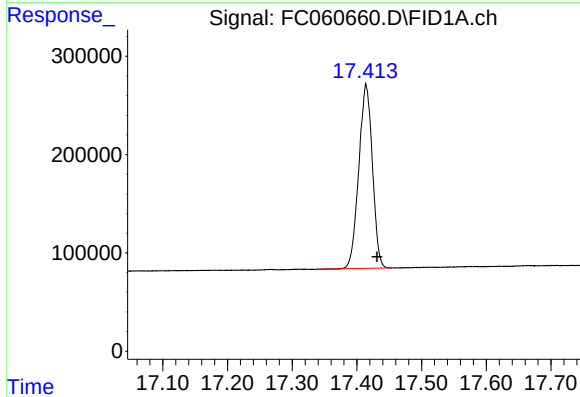
#16 n-Octacosane (C28)

R.T.: 15.736 min  
Delta R.T.: -0.015 min  
Response: 2871741  
Conc: 18.10 ug/ml



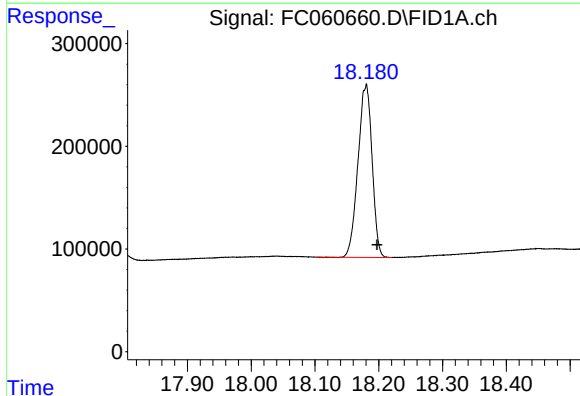
#17 n-Tricontane (C30)

R.T.: 16.602 min  
Delta R.T.: -0.016 min  
Response: 2829576  
Conc: 18.59 ug/ml



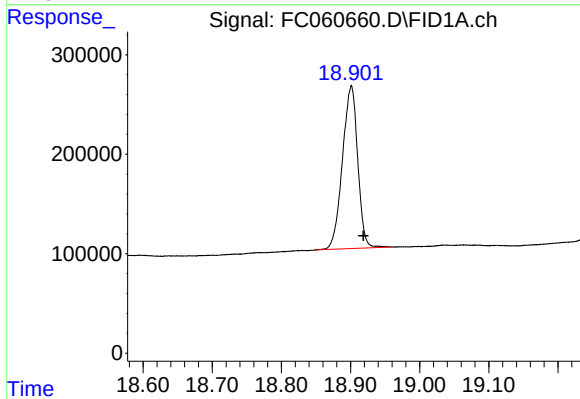
#18 n-Dotriacontane (C32)

R.T.: 17.414 min  
Delta R.T.: -0.017 min  
Response: 2733297  
Conc: 18.80 ug/ml



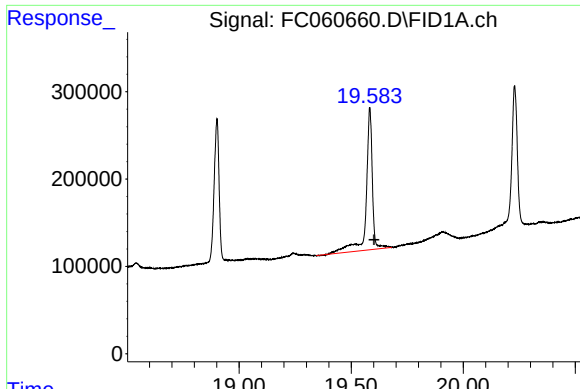
#19 n-Tetratriacontane (C34)

R.T.: 18.180 min  
Delta R.T.: -0.018 min  
Response: 2582679  
Conc: 20.33 ug/ml



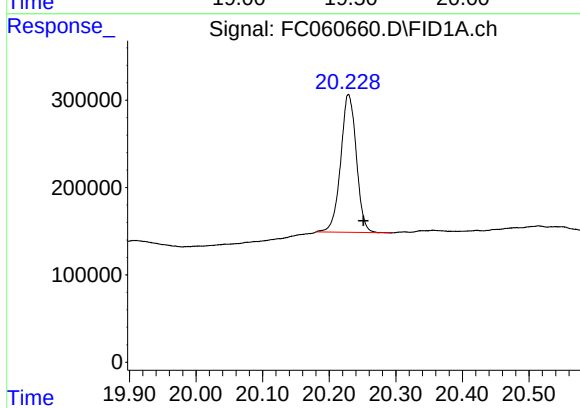
#20 n-Hexatriacontane (C36)

R.T.: 18.901 min  
Delta R.T.: -0.018 min  
Response: 2508590  
Conc: 22.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.583 min  
Delta R.T.: -0.019 min  
Response: 3143510  
Conc: 28.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.229 min  
Delta R.T.: -0.022 min  
Response: 2581039  
Conc: 22.85 ug/ml