

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060723AL\  
 Data File : FC063771.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jun 2023 16:06  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 08 00:23:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 2023  
 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)    | 11.537 | 3262099    | 17.876 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.75%       |
| 12) S 1-chlorooctadecane (S... | 12.974 | 2343434    | 18.341 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.314  | 2866100    | 17.983 ug/ml |
| 2) T n-Decane (C10)            | 4.377  | 2993129    | 18.516 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.960  | 3097202    | 17.828 ug/ml |
| 4) T n-Dodecane (C12)          | 6.393  | 2982787    | 18.242 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.017  | 2956657    | 18.048 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.186  | 2895619    | 18.412 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.783  | 2924385    | 18.376 ug/ml |
| 8) T n-Octadecane (C18)        | 11.222 | 2899807    | 18.327 ug/ml |
| 10) T n-Eicosane (C20)         | 12.530 | 2738127    | 18.514 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.139 | 2656861    | 18.458 ug/ml |
| 13) T n-Docosane (C22)         | 13.725 | 2603941    | 18.484 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.824 | 2581254    | 18.811 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.844 | 2553672    | 19.259 ug/ml |
| 16) T n-Octacosane (C28)       | 16.791 | 2565411    | 20.204 ug/ml |
| 17) T n-Tricontane (C30)       | 17.675 | 2759897    | 21.602 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.507 | 2792790    | 22.444 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.288 | 2667354    | 21.633 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.024 | 2504224    | 20.865 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.751 | 2484336    | 20.577 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.648 | 2426681    | 20.027 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

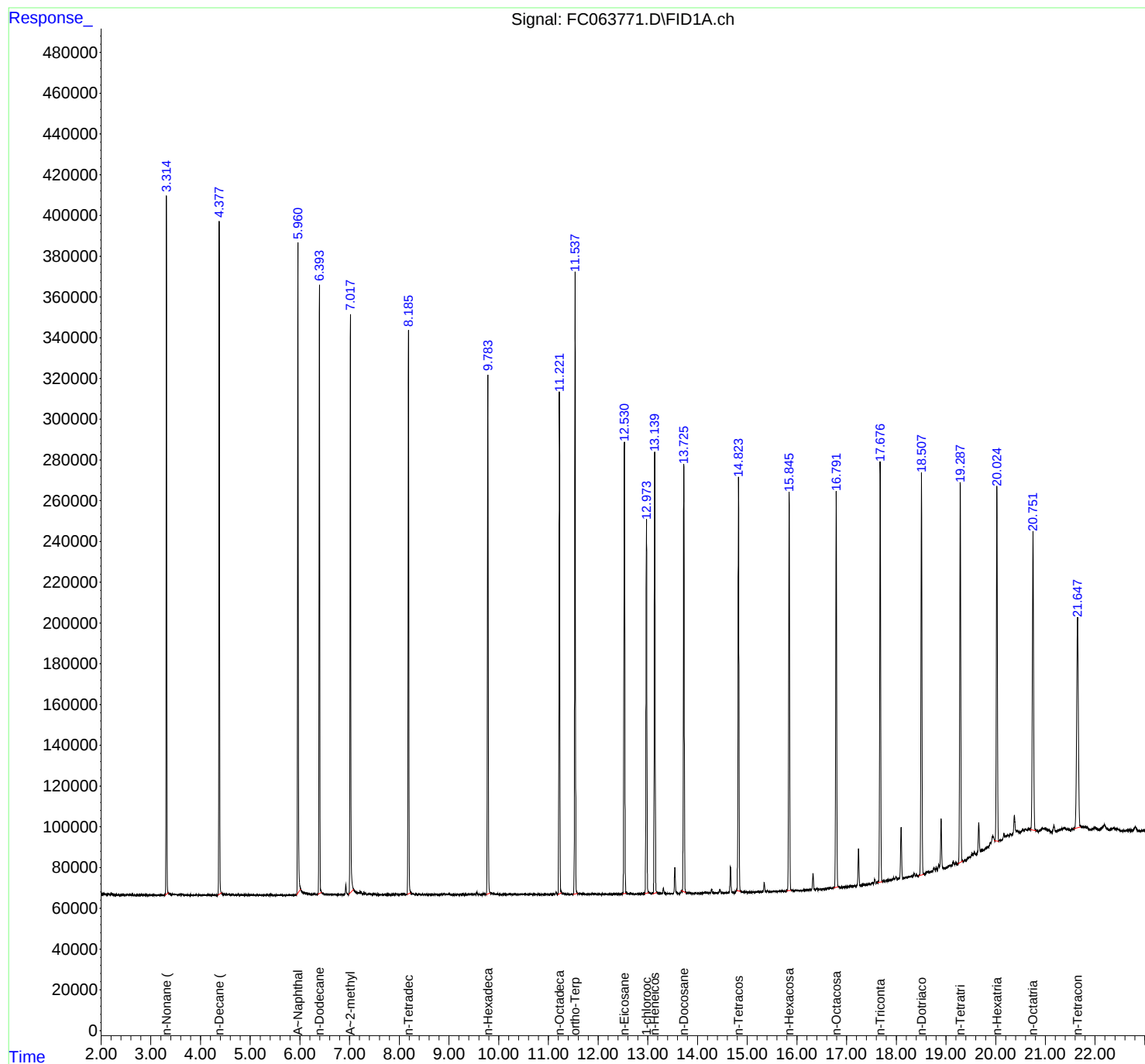
(m)=manual int.

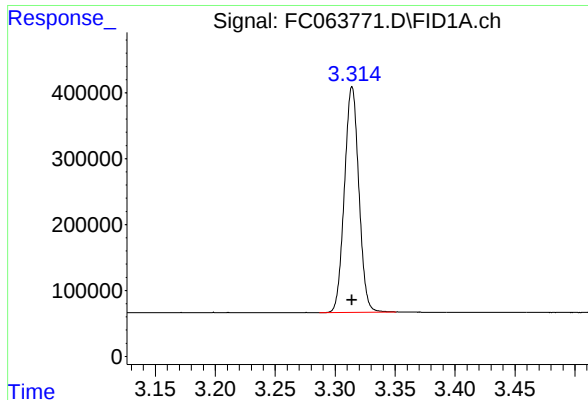
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060723AL\  
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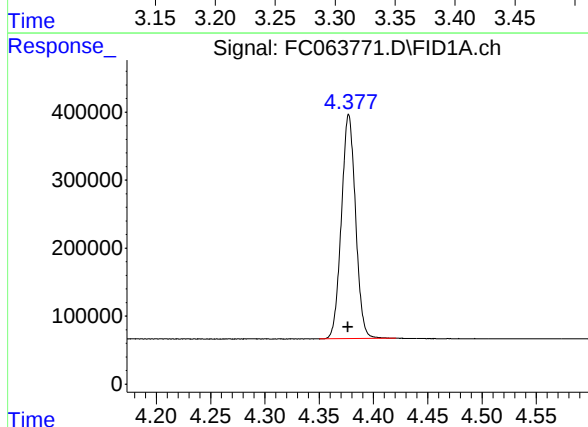




#1 n-Nonane (C9)

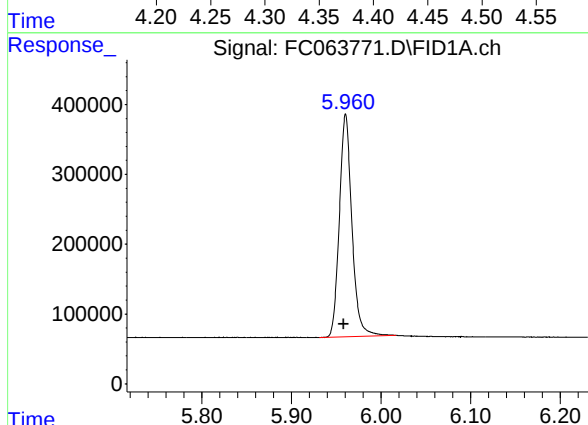
R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 2866100  
Conc: 17.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



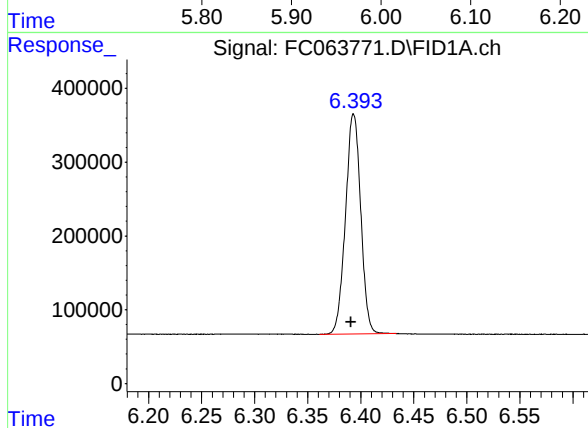
#2 n-Decane (C10)

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 2993129  
Conc: 18.52 ug/ml



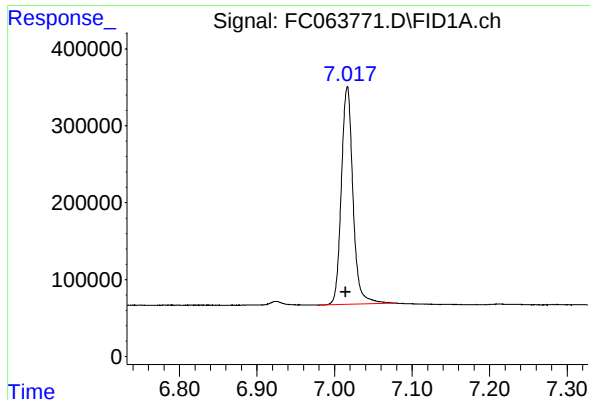
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min  
Delta R.T.: 0.002 min  
Response: 3097202  
Conc: 17.83 ug/ml



#4 n-Dodecane (C12)

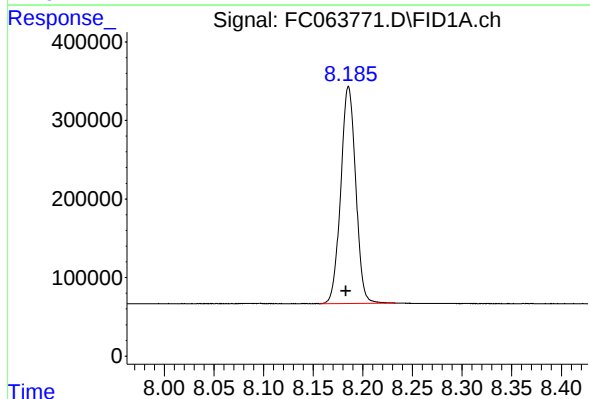
R.T.: 6.393 min  
Delta R.T.: 0.002 min  
Response: 2982787  
Conc: 18.24 ug/ml



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

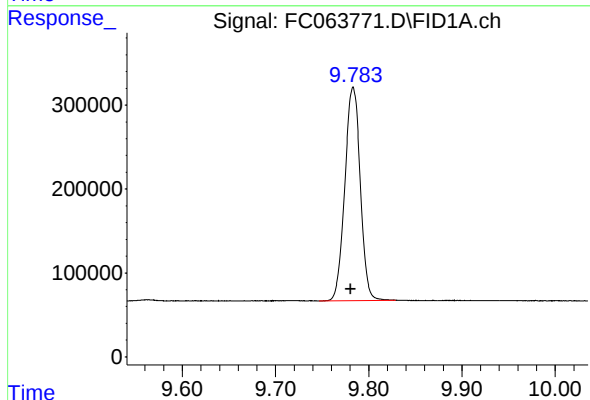
R.T.: 7.017 min  
Delta R.T.: 0.002 min  
Response: 2956657  
Conc: 18.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



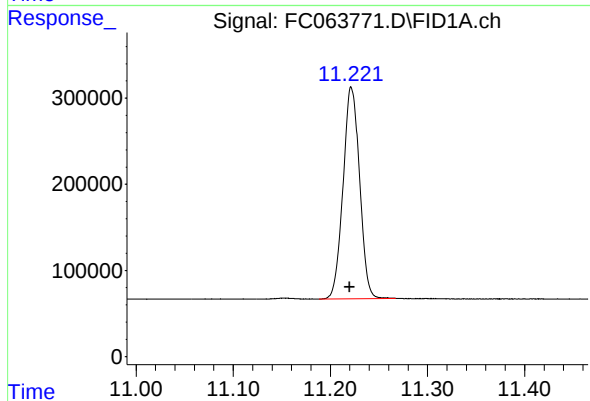
#6 n-Tetradecane (C14)

R.T.: 8.186 min  
Delta R.T.: 0.003 min  
Response: 2895619  
Conc: 18.41 ug/ml



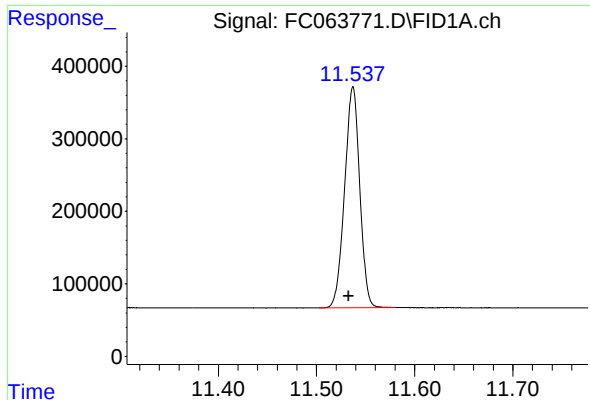
#7 n-Hexadecane (C16)

R.T.: 9.783 min  
Delta R.T.: 0.002 min  
Response: 2924385  
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

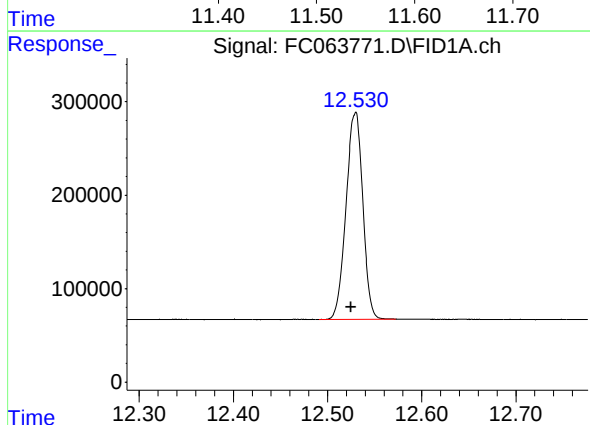
R.T.: 11.222 min  
Delta R.T.: 0.002 min  
Response: 2899807  
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

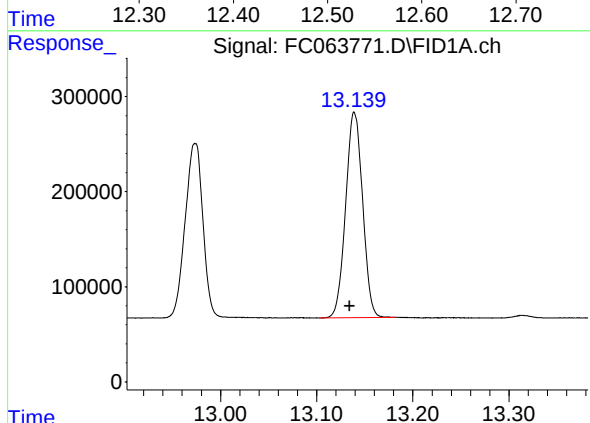
R.T.: 11.537 min  
Delta R.T.: 0.004 min  
Response: 3262099  
Conc: 17.88 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



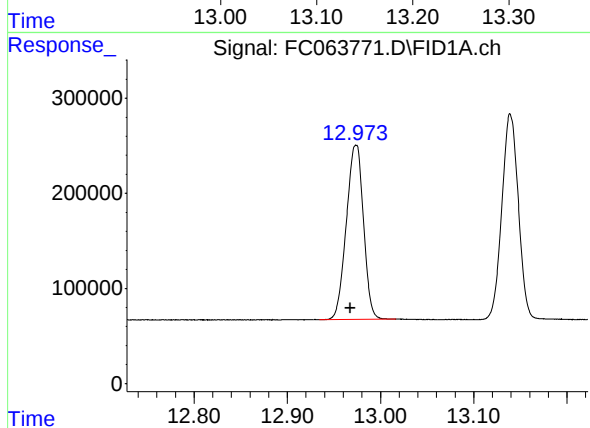
#10 n-Eicosane (C20)

R.T.: 12.530 min  
Delta R.T.: 0.005 min  
Response: 2738127  
Conc: 18.51 ug/ml



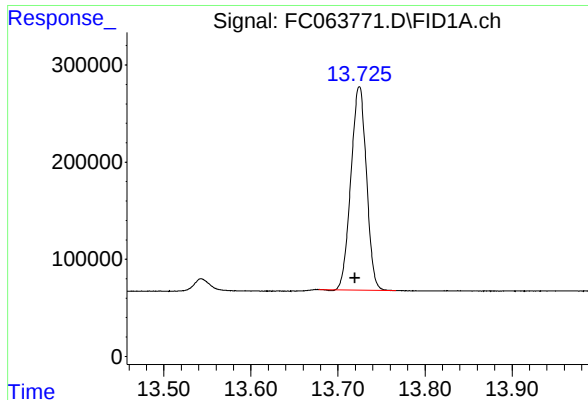
#11 n-Heneicosane (C21)

R.T.: 13.139 min  
Delta R.T.: 0.005 min  
Response: 2656861  
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

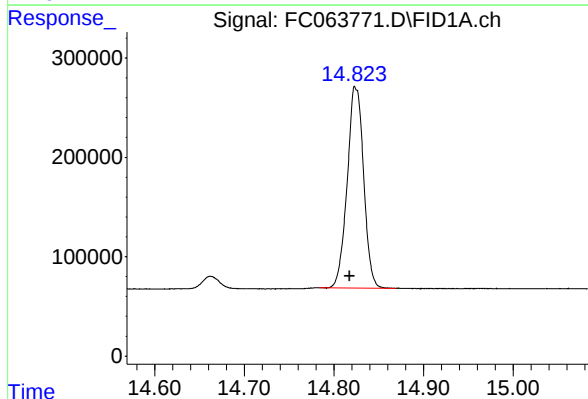
R.T.: 12.974 min  
Delta R.T.: 0.006 min  
Response: 2343434  
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

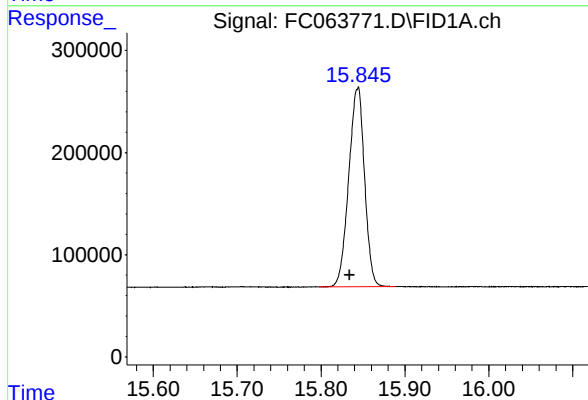
R.T.: 13.725 min  
Delta R.T.: 0.005 min  
Response: 2603941  
Conc: 18.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



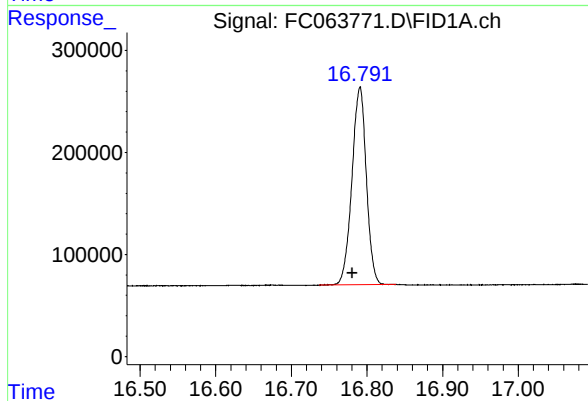
#14 n-Tetracosane (C24)

R.T.: 14.824 min  
Delta R.T.: 0.006 min  
Response: 2581254  
Conc: 18.81 ug/ml



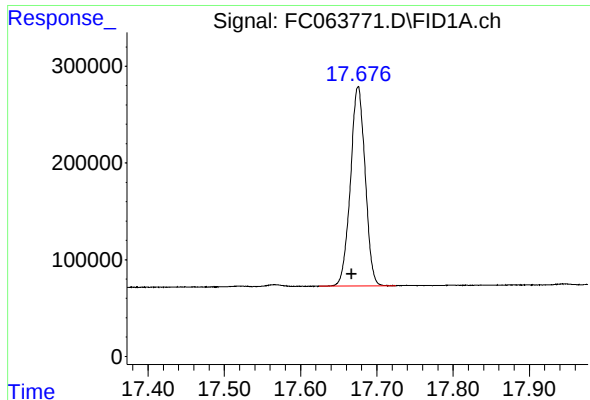
#15 n-Hexacosane (C26)

R.T.: 15.844 min  
Delta R.T.: 0.010 min  
Response: 2553672  
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

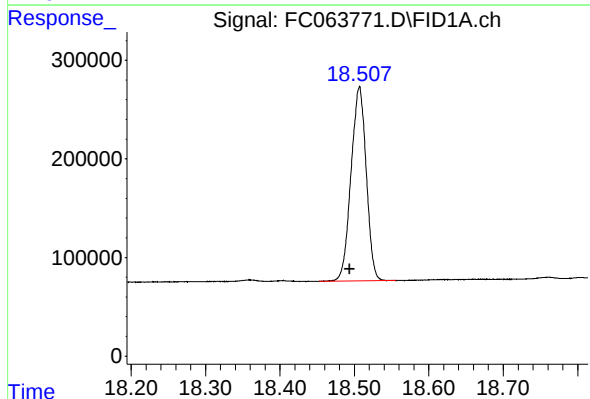
R.T.: 16.791 min  
Delta R.T.: 0.010 min  
Response: 2565411  
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

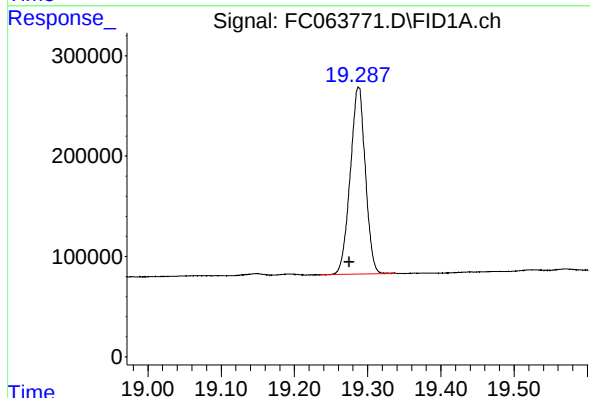
R.T.: 17.675 min  
Delta R.T.: 0.008 min  
Response: 2759897  
Conc: 21.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



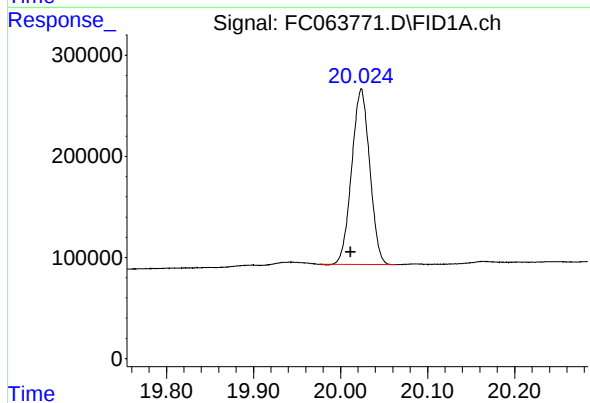
#18 n-Dotriacontane (C32)

R.T.: 18.507 min  
Delta R.T.: 0.013 min  
Response: 2792790  
Conc: 22.44 ug/ml



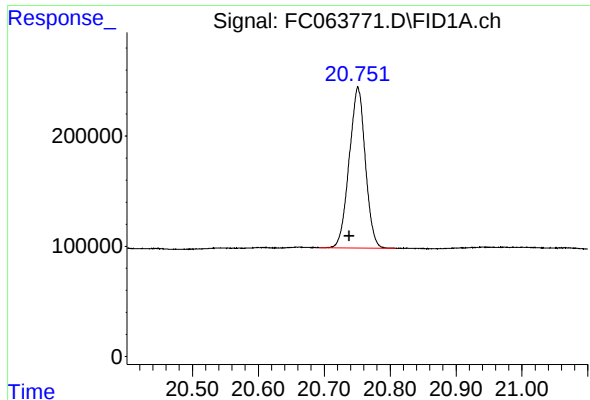
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min  
Delta R.T.: 0.012 min  
Response: 2667354  
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

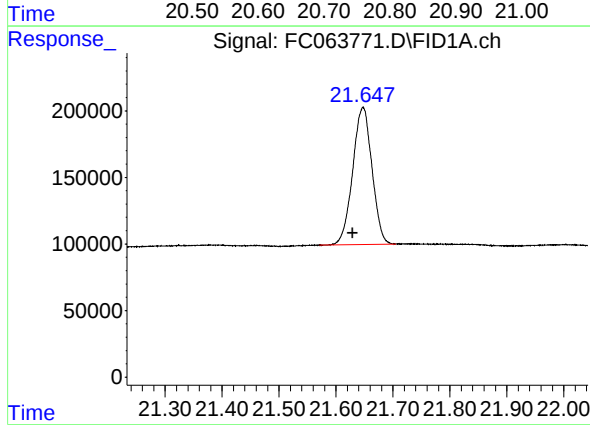
R.T.: 20.024 min  
Delta R.T.: 0.012 min  
Response: 2504224  
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min  
Delta R.T.: 0.014 min  
Response: 2484336  
Conc: 20.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.648 min  
Delta R.T.: 0.018 min  
Response: 2426681  
Conc: 20.03 ug/ml