

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040523AL\  
 Data File : FC063295.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Apr 2023 03:19  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Apr 05 06:17:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 06:14:54 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)    | 11.539 | 14518307   | 97.832 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 195.66%      |
| 12) S 1-chlorooctadecane (S... | 12.974 | 10914146   | 99.002 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 198.00%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.303  | 13387764   | 97.486 ug/ml |
| 2) T n-Decane (C10)            | 4.369  | 13185524   | 97.895 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.952  | 15043024   | 99.465 ug/ml |
| 4) T n-Dodecane (C12)          | 6.388  | 13176330   | 98.369 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.010  | 14023630   | 99.915 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.183  | 13113176   | 98.013 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.783  | 13215025   | 98.163 ug/ml |
| 8) T n-Octadecane (C18)        | 11.225 | 13261778   | 97.784 ug/ml |
| 10) T n-Eicosane (C20)         | 12.531 | 12823460   | 97.769 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.142 | 12840547   | 97.692 ug/ml |
| 13) T n-Docosane (C22)         | 13.726 | 12792937   | 98.155 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.826 | 12919565   | 98.552 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.846 | 12793564   | 98.339 ug/ml |
| 16) T n-Octacosane (C28)       | 16.793 | 12833687   | 98.168 ug/ml |
| 17) T n-Tricontane (C30)       | 17.679 | 12797792   | 97.027 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.508 | 12900653   | 96.359 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.289 | 12712292   | 96.437 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.025 | 12056675   | 97.406 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.754 | 11898550   | 98.445 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.650 | 11488600   | 98.768 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

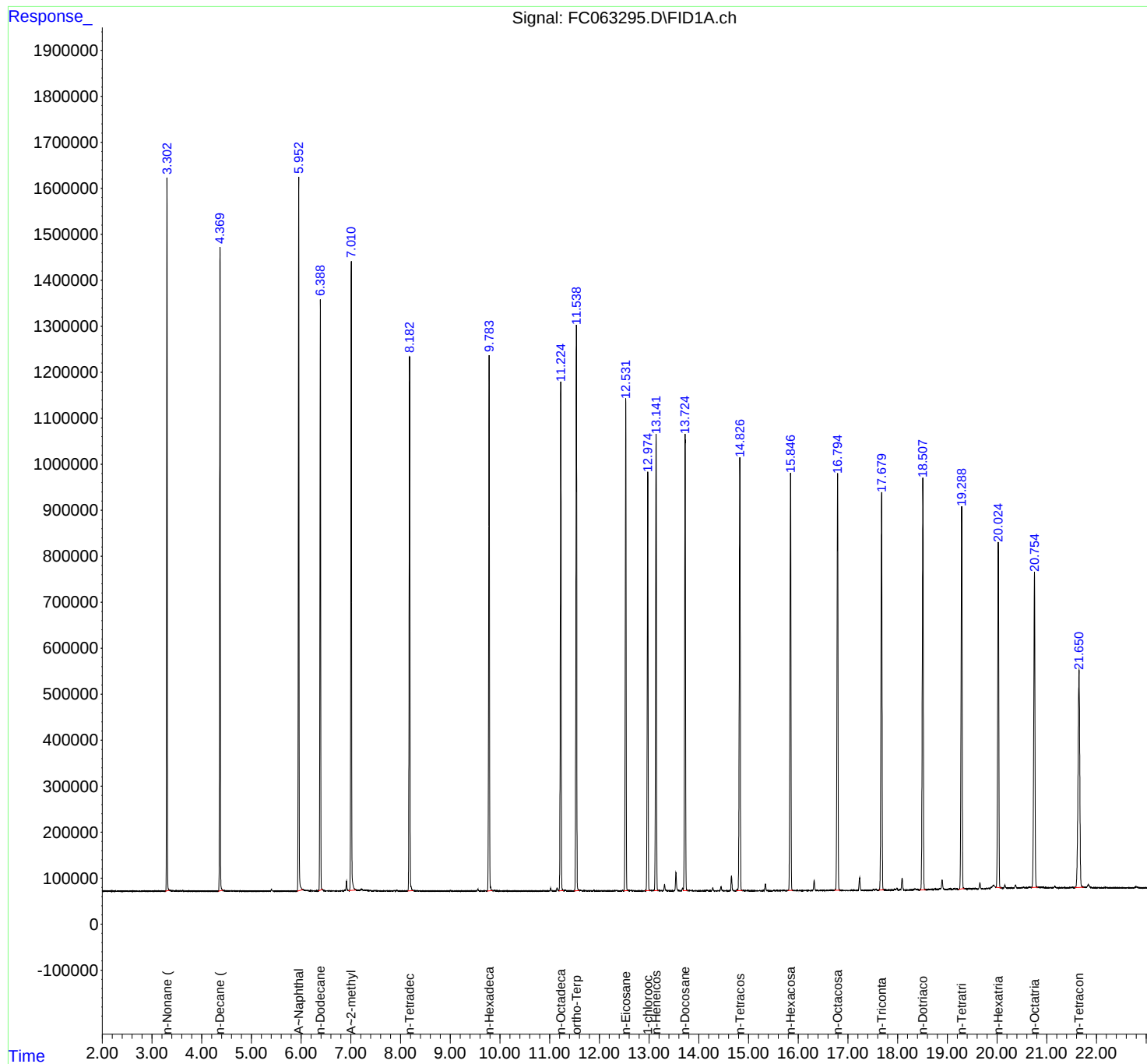
(m)=manual int.

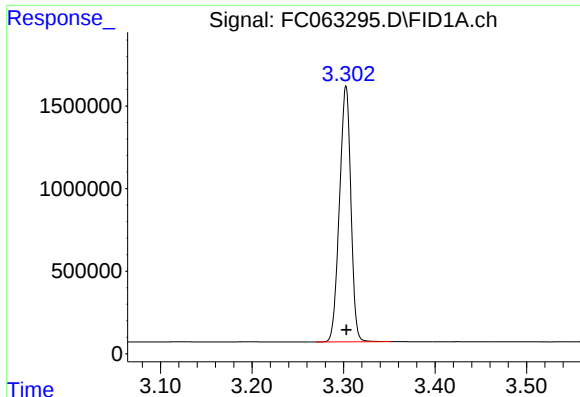
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040523AL\  
Data File : FC063295.D  
Signal(s) : FID1A.ch  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

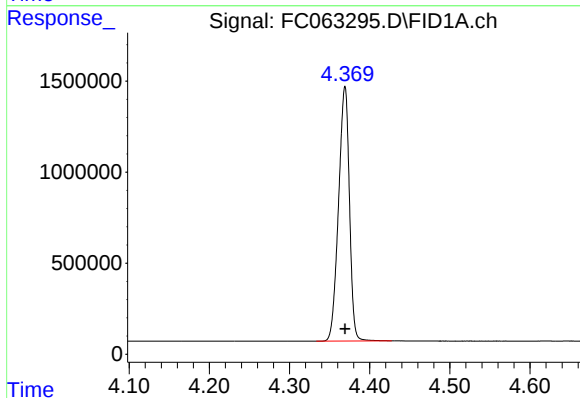




#1 n-Nonane (C9)

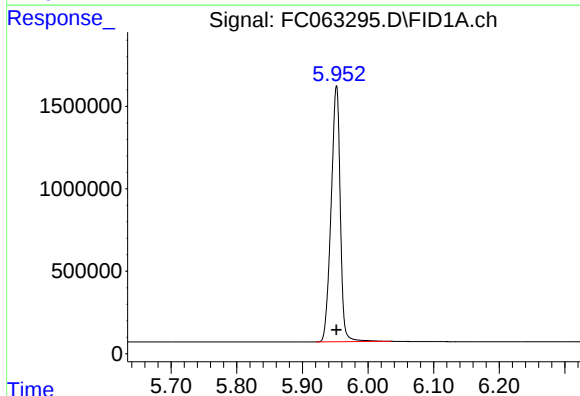
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 13387764  
Conc: 97.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



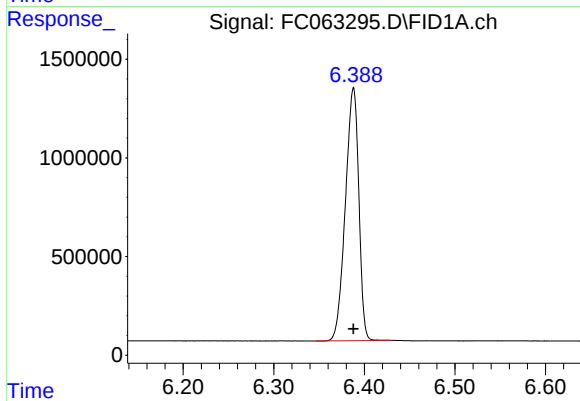
#2 n-Decane (C10)

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 13185524  
Conc: 97.90 ug/ml



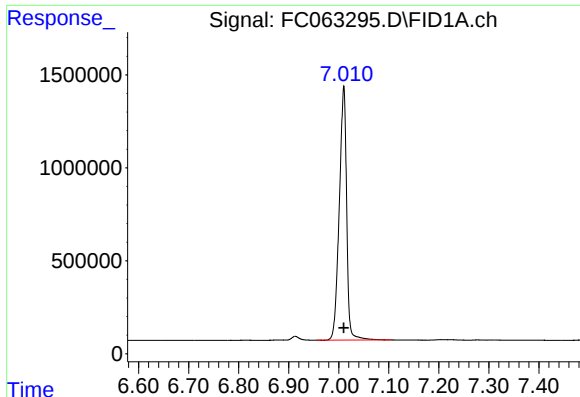
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 15043024  
Conc: 99.47 ug/ml



#4 n-Dodecane (C12)

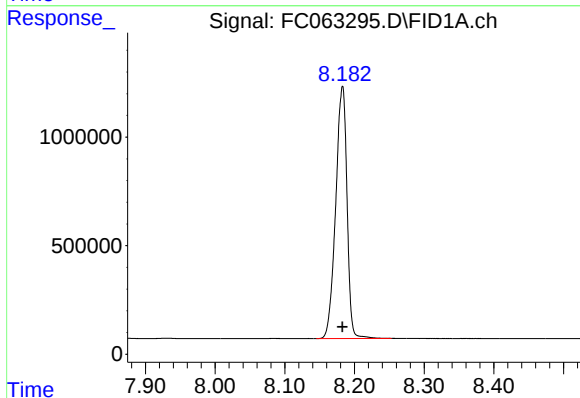
R.T.: 6.388 min  
Delta R.T.: 0.000 min  
Response: 13176330  
Conc: 98.37 ug/ml



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

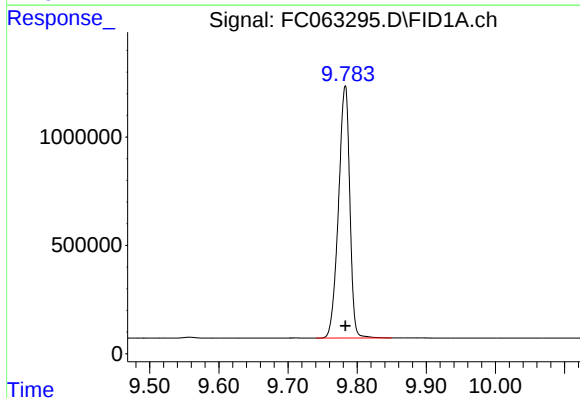
R.T.: 7.010 min  
Delta R.T.: 0.000 min  
Response: 14023630  
Conc: 99.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



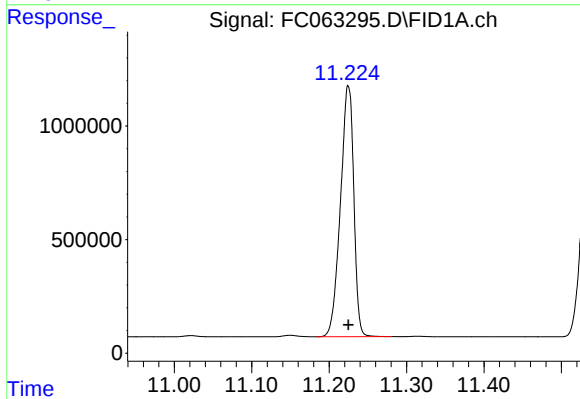
#6 n-Tetradecane (C14)

R.T.: 8.183 min  
Delta R.T.: 0.000 min  
Response: 13113176  
Conc: 98.01 ug/ml



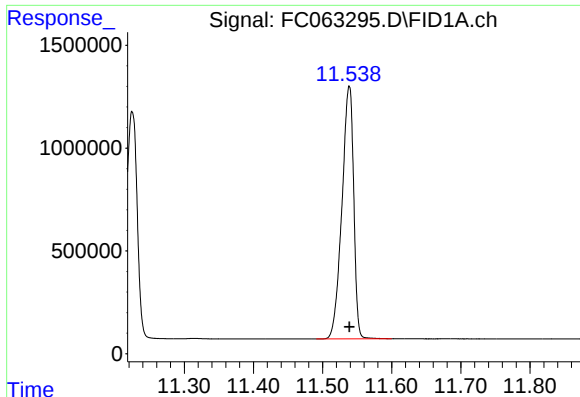
#7 n-Hexadecane (C16)

R.T.: 9.783 min  
Delta R.T.: 0.000 min  
Response: 13215025  
Conc: 98.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.225 min  
Delta R.T.: 0.000 min  
Response: 13261778  
Conc: 97.78 ug/ml



#9 ortho-Terphenyl (SURR)

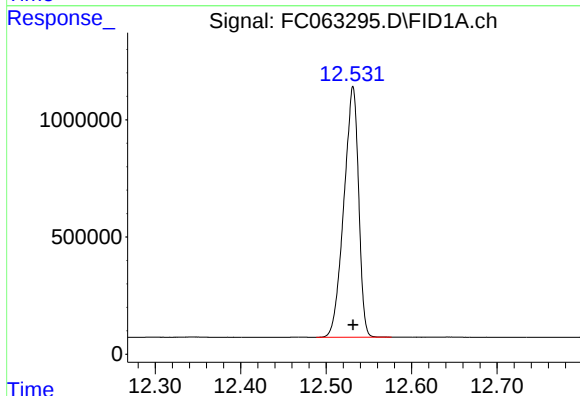
R.T.: 11.539 min  
Delta R.T.: 0.000 min  
Response: 14518307  
Conc: 97.83 ug/ml

Instrument :

FID\_C

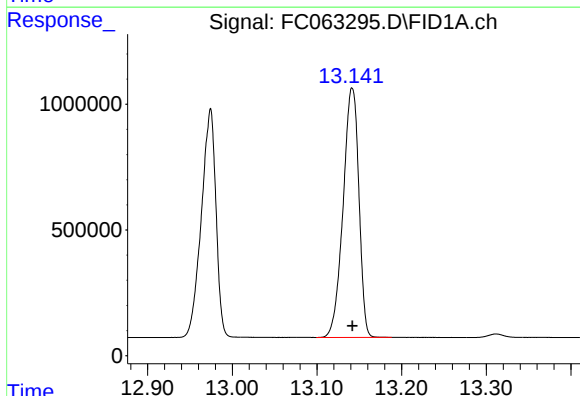
ClientSampleId :

100 PPM ALIPHATIC HC STD1



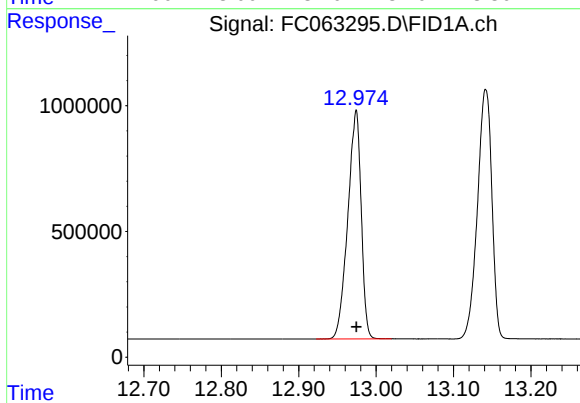
#10 n-Eicosane (C20)

R.T.: 12.531 min  
Delta R.T.: 0.000 min  
Response: 12823460  
Conc: 97.77 ug/ml



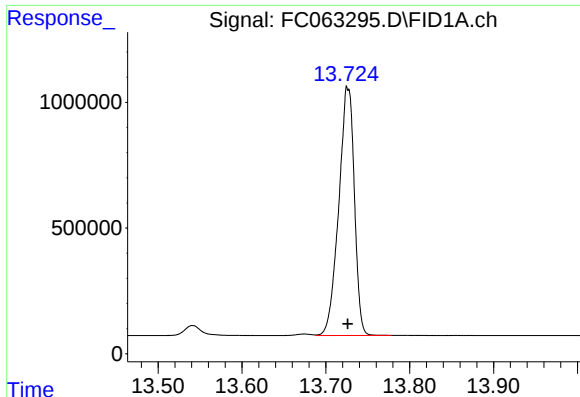
#11 n-Heneicosane (C21)

R.T.: 13.142 min  
Delta R.T.: 0.000 min  
Response: 12840547  
Conc: 97.69 ug/ml



#12 1-chlorooctadecane (SURR)

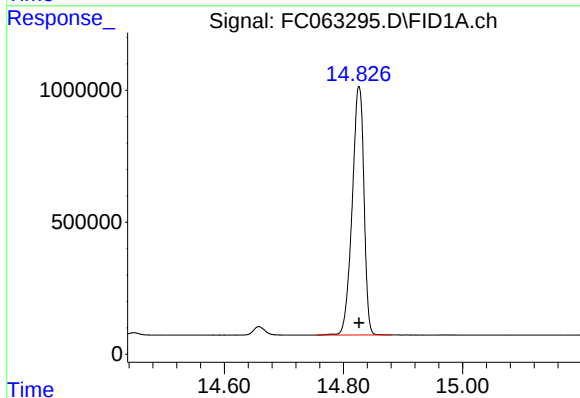
R.T.: 12.974 min  
Delta R.T.: 0.000 min  
Response: 10914146  
Conc: 99.00 ug/ml



#13 n-Docosane (C22)

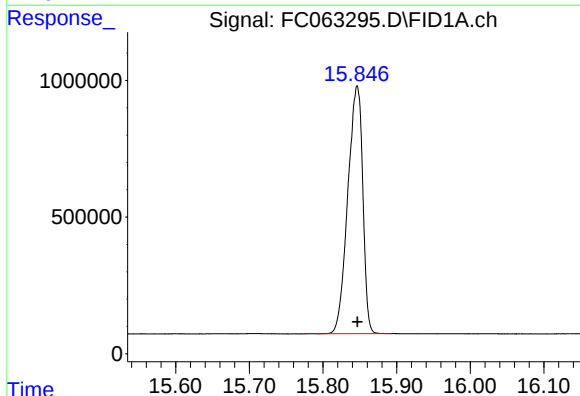
R.T.: 13.726 min  
Delta R.T.: 0.000 min  
Response: 12792937  
Conc: 98.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



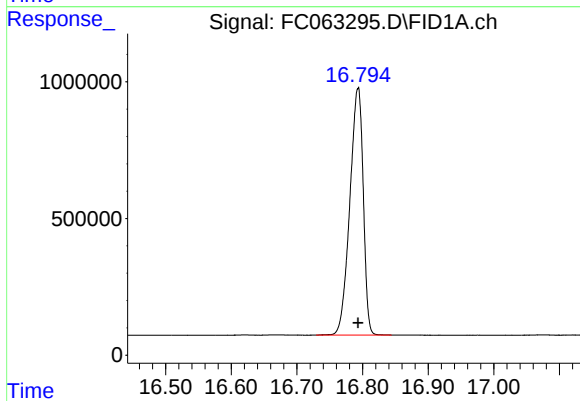
#14 n-Tetracosane (C24)

R.T.: 14.826 min  
Delta R.T.: 0.000 min  
Response: 12919565  
Conc: 98.55 ug/ml



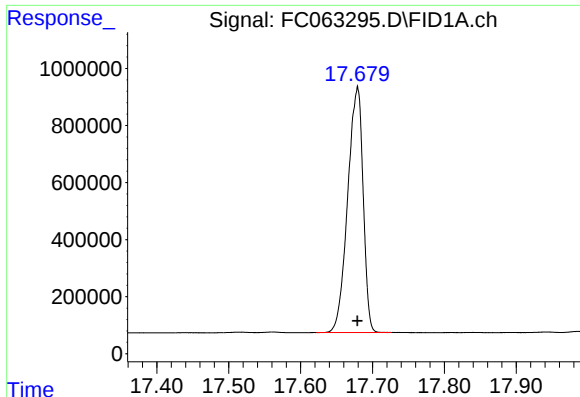
#15 n-Hexacosane (C26)

R.T.: 15.846 min  
Delta R.T.: 0.000 min  
Response: 12793564  
Conc: 98.34 ug/ml



#16 n-Octacosane (C28)

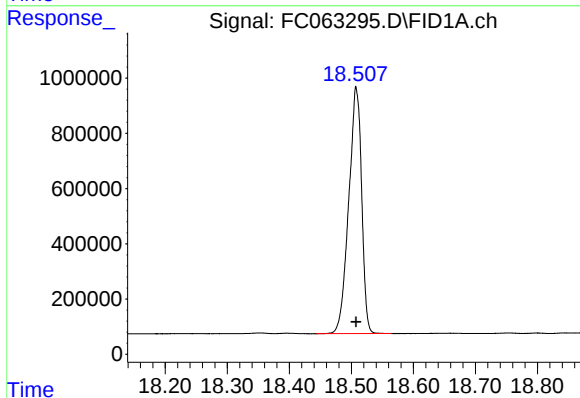
R.T.: 16.793 min  
Delta R.T.: 0.000 min  
Response: 12833687  
Conc: 98.17 ug/ml



#17 n-Tricontane (C30)

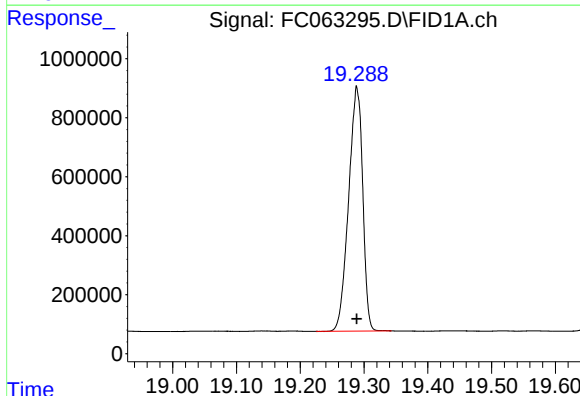
R.T.: 17.679 min  
Delta R.T.: 0.000 min  
Response: 12797792  
Conc: 97.03 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



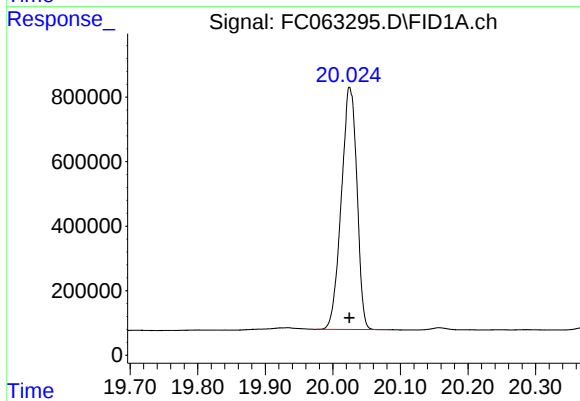
#18 n-Dotriacontane (C32)

R.T.: 18.508 min  
Delta R.T.: 0.000 min  
Response: 12900653  
Conc: 96.36 ug/ml



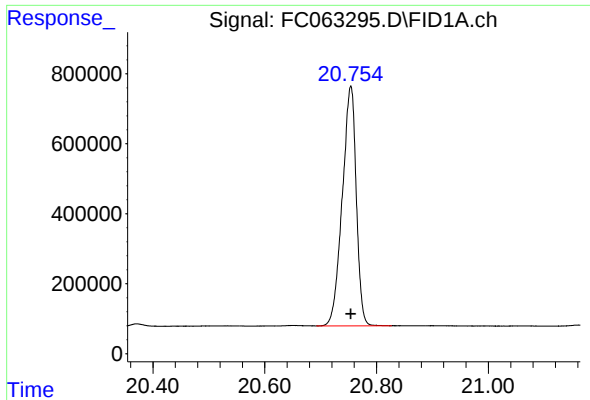
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min  
Delta R.T.: 0.000 min  
Response: 12712292  
Conc: 96.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.025 min  
Delta R.T.: 0.000 min  
Response: 12056675  
Conc: 97.41 ug/ml



#21 n-Octatriacontane (C38)

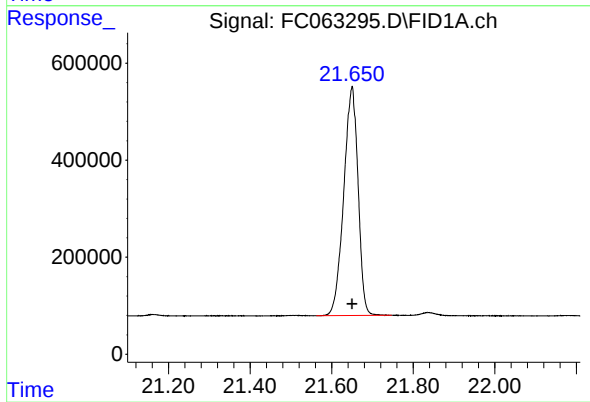
R.T.: 20.754 min  
Delta R.T.: 0.000 min  
Response: 11898550  
Conc: 98.44 ug/ml

Instrument :

FID\_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.650 min  
Delta R.T.: 0.000 min  
Response: 11488600  
Conc: 98.77 ug/ml