

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG020525AL\  
 Data File : FG015295.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Feb 2025 11:06  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Feb 06 00:48:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 020525.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 06 00:48:11 2025  
 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)    | 11.952 | 12910147   | 88.877 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 177.75%      |
| 12) S 1-chlorooctadecane (S... | 13.395 | 10152846   | 89.510 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 179.02%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 10277233   | 84.379 ug/ml |
| 2) T n-Decane (C10)            | 4.544  | 10508052   | 84.566 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.259  | 11886604   | 86.112 ug/ml |
| 4) T n-Dodecane (C12)          | 6.727  | 10750825   | 85.253 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.363  | 11749542   | 87.407 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.565  | 10912231   | 86.176 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.182 | 11590916   | 87.081 ug/ml |
| 8) T n-Octadecane (C18)        | 11.634 | 11980315   | 87.986 ug/ml |
| 10) T n-Eicosane (C20)         | 12.948 | 11699802   | 88.761 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.564 | 11571612   | 89.146 ug/ml |
| 13) T n-Docosane (C22)         | 14.153 | 11523759   | 89.424 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.260 | 11460062   | 89.620 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.286 | 11210728   | 90.052 ug/ml |
| 16) T n-Octacosane (C28)       | 17.239 | 10897331   | 90.181 ug/ml |
| 17) T n-Tricontane (C30)       | 18.130 | 10894040   | 89.602 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.965 | 10424310   | 89.592 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.749 | 9296422    | 90.071 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.491 | 8308821    | 91.030 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.243 | 8203022    | 92.396 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.185 | 8469346    | 93.867 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

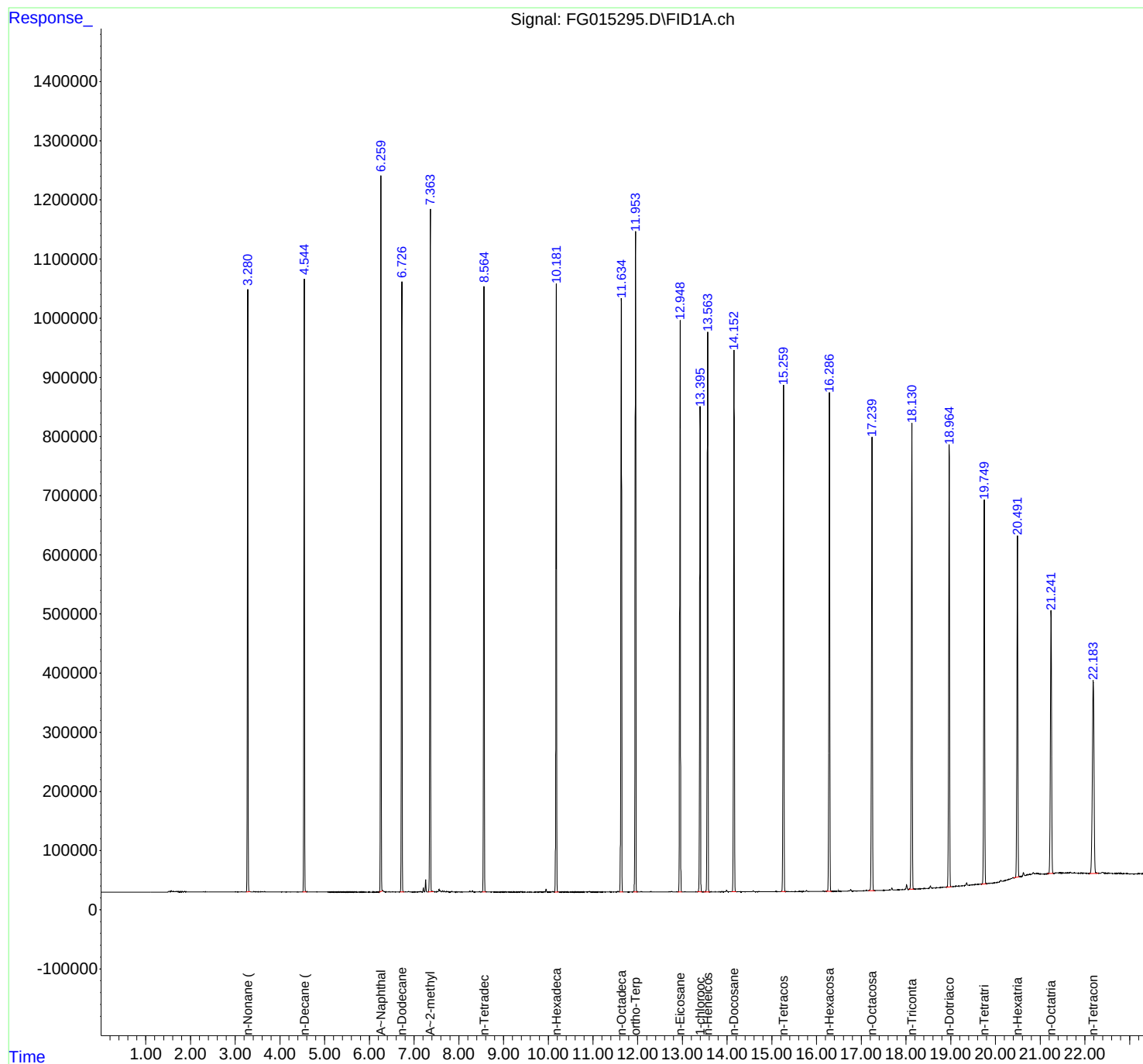
(m)=manual int.

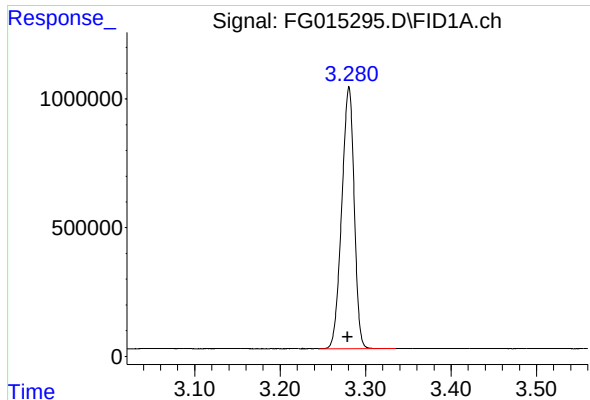
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG020525AL\  
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Quant Title : GC Extractables  
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

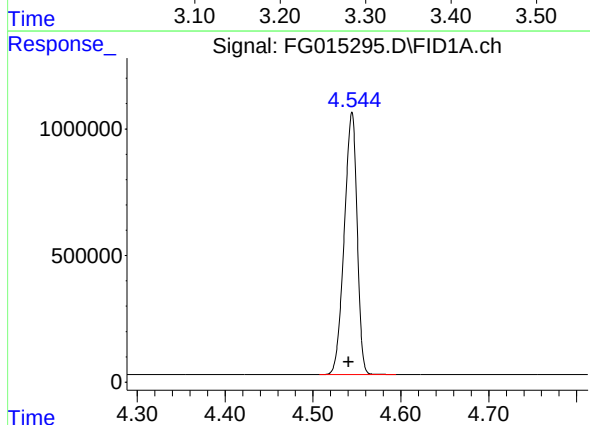
R.T.: 3.281 min  
Delta R.T.: 0.002 min  
Response: 10277233  
Conc: 84.38 ug/ml

Instrument :

FID\_G

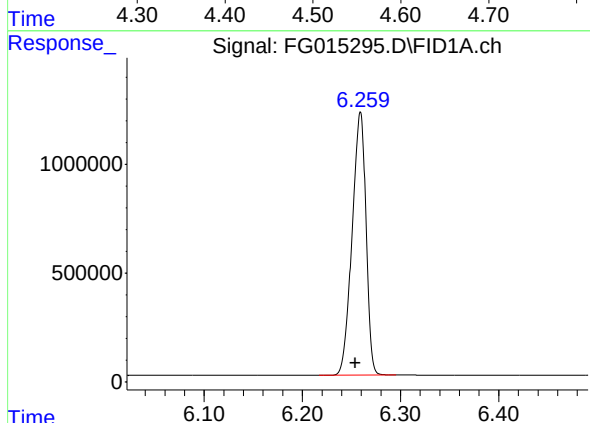
ClientSampleId :

100 PPM ALIPHATIC HC STD1



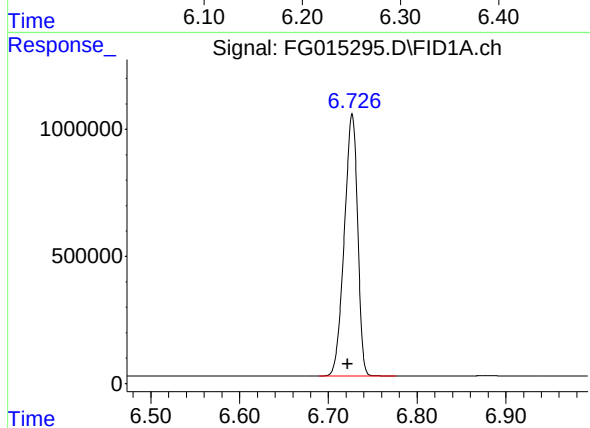
#2 n-Decane (C10)

R.T.: 4.544 min  
Delta R.T.: 0.004 min  
Response: 10508052  
Conc: 84.57 ug/ml



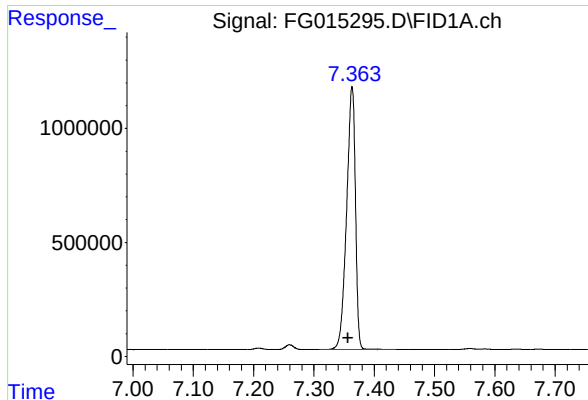
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min  
Delta R.T.: 0.005 min  
Response: 11886604  
Conc: 86.11 ug/ml



#4 n-Dodecane (C12)

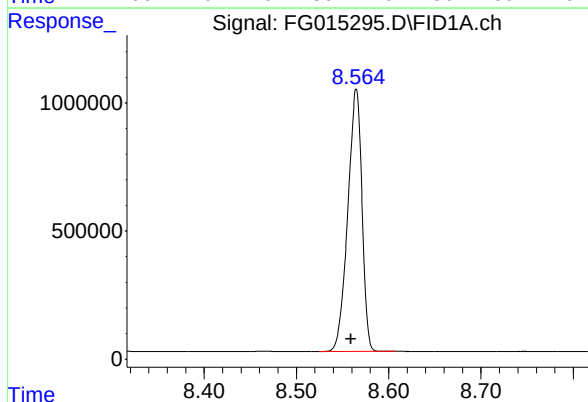
R.T.: 6.727 min  
Delta R.T.: 0.005 min  
Response: 10750825  
Conc: 85.25 ug/ml



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

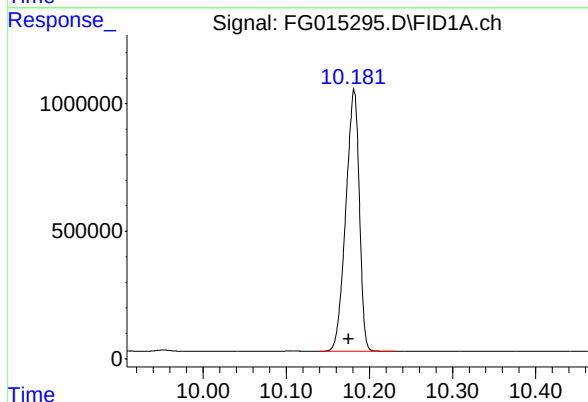
R.T.: 7.363 min  
Delta R.T.: 0.007 min  
Response: 11749542  
Conc: 87.41 ug/ml

Instrument :  
FID\_G  
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100 PPM ALIPHATIC HC STD1



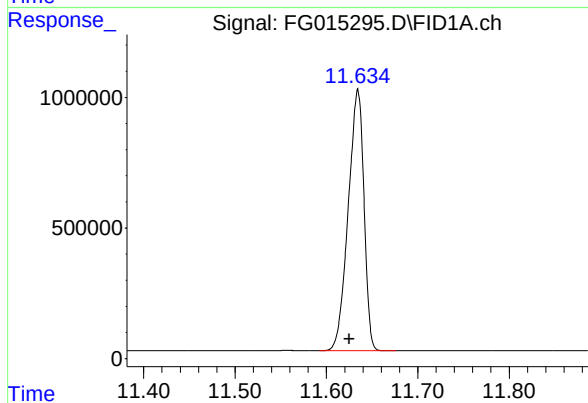
#6 n-Tetradecane (C14)

R.T.: 8.565 min  
Delta R.T.: 0.005 min  
Response: 10912231  
Conc: 86.18 ug/ml



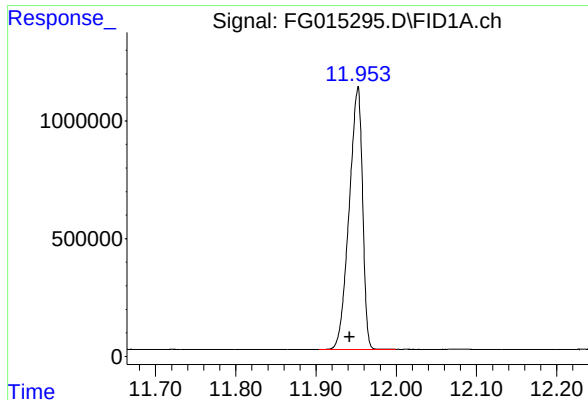
#7 n-Hexadecane (C16)

R.T.: 10.182 min  
Delta R.T.: 0.007 min  
Response: 11590916  
Conc: 87.08 ug/ml



#8 n-Octadecane (C18)

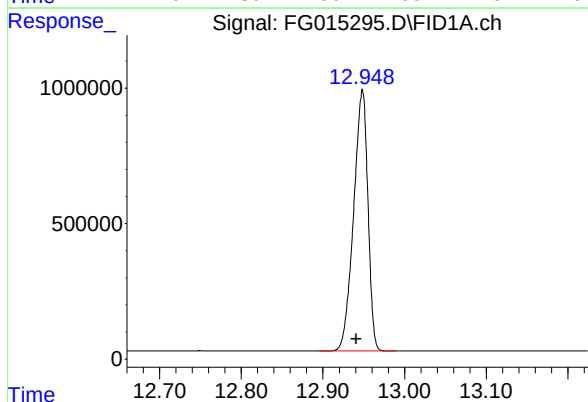
R.T.: 11.634 min  
Delta R.T.: 0.009 min  
Response: 11980315  
Conc: 87.99 ug/ml



#9 ortho-Terphenyl (SURR)

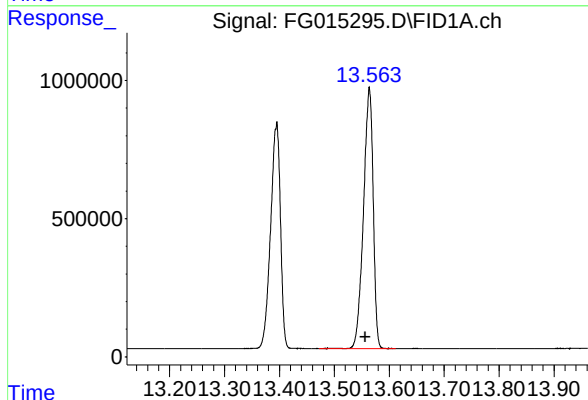
R.T.: 11.952 min  
Delta R.T.: 0.010 min  
Response: 12910147  
Conc: 88.88 ug/ml

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



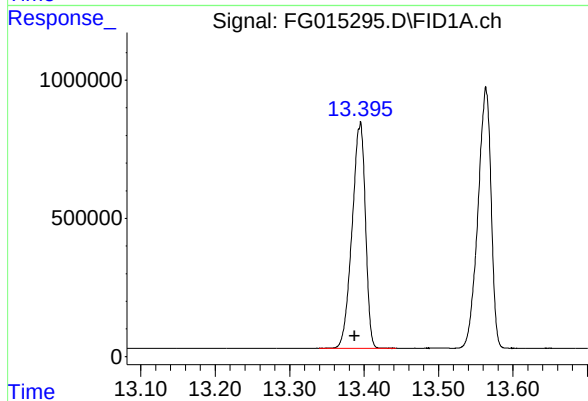
#10 n-Eicosane (C20)

R.T.: 12.948 min  
Delta R.T.: 0.008 min  
Response: 11699802  
Conc: 88.76 ug/ml



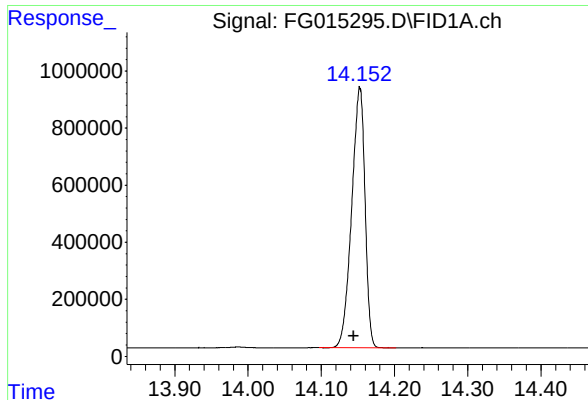
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: 0.008 min  
Response: 11571612  
Conc: 89.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min  
Delta R.T.: 0.007 min  
Response: 10152846  
Conc: 89.51 ug/ml



#13 n-Docosane (C22)

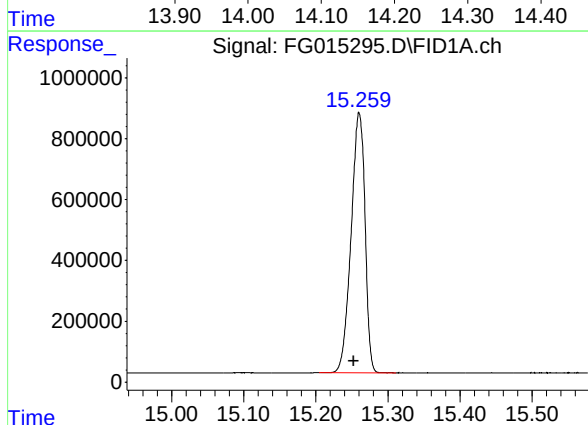
R.T.: 14.153 min  
Delta R.T.: 0.008 min  
Response: 11523759  
Conc: 89.42 ug/ml

Instrument :

FID\_G

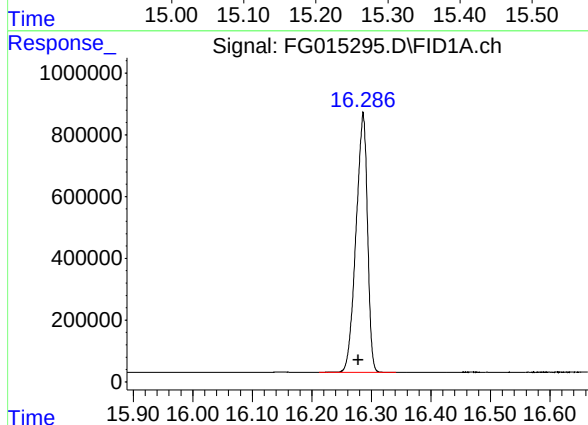
ClientSampleId :

100 PPM ALIPHATIC HC STD1



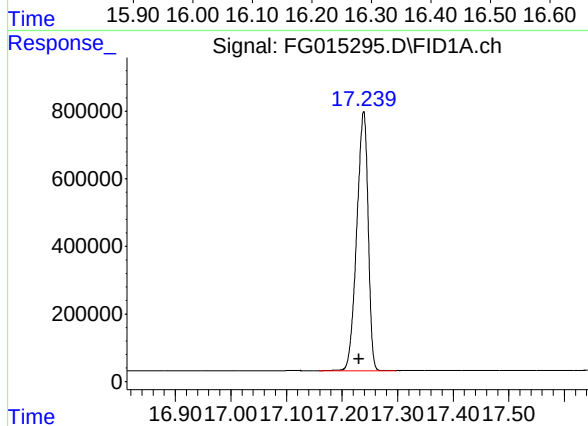
#14 n-Tetracosane (C24)

R.T.: 15.260 min  
Delta R.T.: 0.008 min  
Response: 11460062  
Conc: 89.62 ug/ml



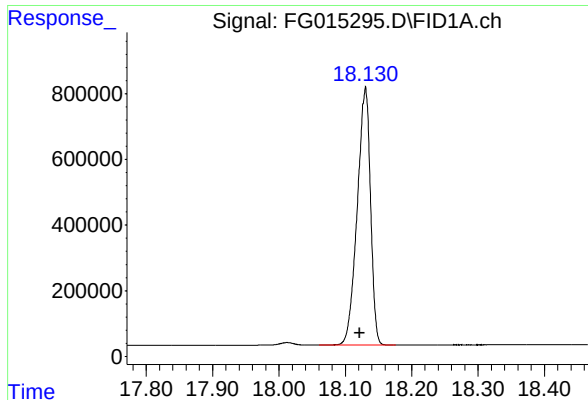
#15 n-Hexacosane (C26)

R.T.: 16.286 min  
Delta R.T.: 0.008 min  
Response: 11210728  
Conc: 90.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.239 min  
Delta R.T.: 0.008 min  
Response: 10897331  
Conc: 90.18 ug/ml



#17 n-Tricontane (C30)

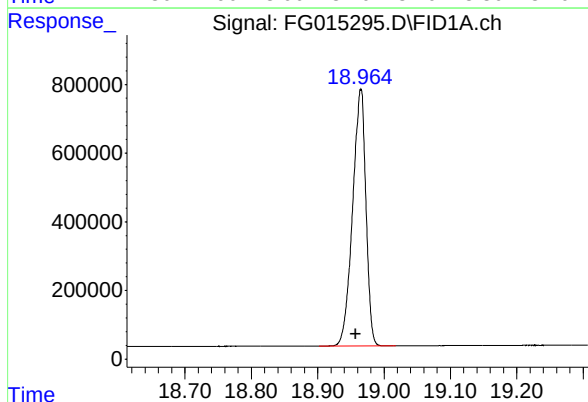
R.T.: 18.130 min  
Delta R.T.: 0.009 min  
Response: 10894040  
Conc: 89.60 ug/ml

Instrument :

FID\_G

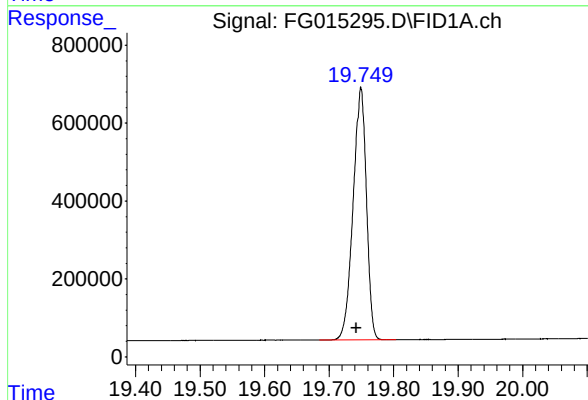
ClientSampleId :

100 PPM ALIPHATIC HC STD1



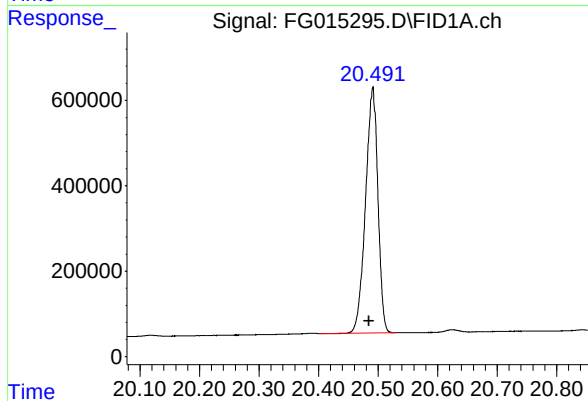
#18 n-Dotriacontane (C32)

R.T.: 18.965 min  
Delta R.T.: 0.008 min  
Response: 10424310  
Conc: 89.59 ug/ml



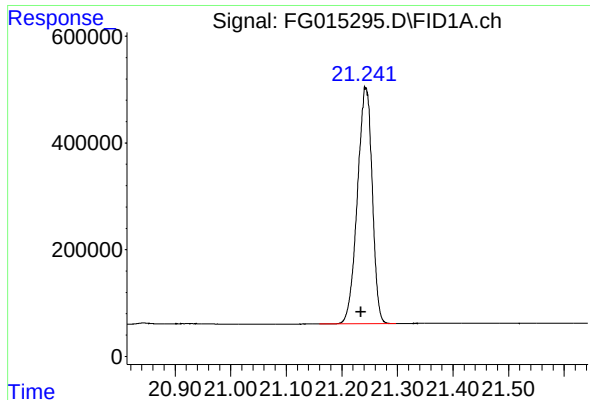
#19 n-Tetratriacontane (C34)

R.T.: 19.749 min  
Delta R.T.: 0.008 min  
Response: 9296422  
Conc: 90.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.491 min  
Delta R.T.: 0.006 min  
Response: 8308821  
Conc: 91.03 ug/ml



#21 n-Octatriacontane (C38)

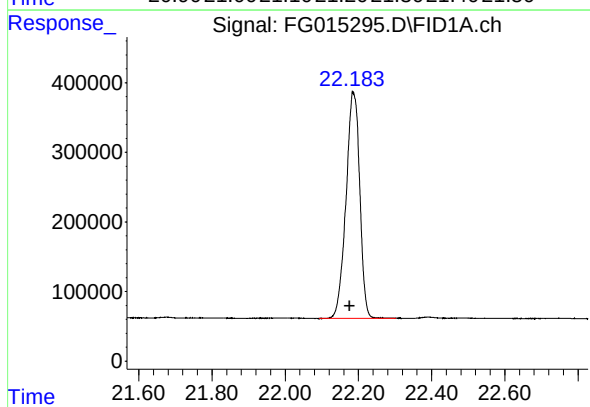
R.T.: 21.243 min  
Delta R.T.: 0.008 min  
Response: 8203022  
Conc: 92.40 ug/ml

Instrument :

FID\_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.185 min  
Delta R.T.: 0.009 min  
Response: 8469346  
Conc: 93.87 ug/ml