

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110724AL\  
 Data File : FE051075.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Nov 2024 16:52  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Nov 07 04:49:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 07 04:48:22 2024  
 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)    | 11.858 | 14049939   | 94.663 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 189.33%       |
| 12) S 1-chlorooctadecane (S... | 13.289 | 10794010   | 95.789 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 191.58%       |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.241  | 13236910   | 97.465 ug/ml  |
| 2) T n-Decane (C10)            | 4.493  | 13428166   | 97.423 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 13623683   | 102.538 ug/ml |
| 4) T n-Dodecane (C12)          | 6.663  | 13398704   | 96.006 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.301  | 12915436   | 104.141 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.489  | 13135139   | 94.955 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.095 | 13364611   | 94.786 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.537 | 13365220   | 94.326 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.843 | 12736356   | 93.902 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.454 | 12499045   | 94.372 ug/ml  |
| 13) T n-Docosane (C22)         | 14.040 | 12430842   | 94.615 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.141 | 12455204   | 94.910 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.161 | 12499744   | 94.189 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.109 | 12543278   | 92.838 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.997 | 13023156   | 90.119 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.828 | 13000983   | 87.779 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.610 | 11901355   | 88.615 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.348 | 10625484   | 88.459 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.071 | 9770056    | 84.148 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.951 | 8606502    | 71.980 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

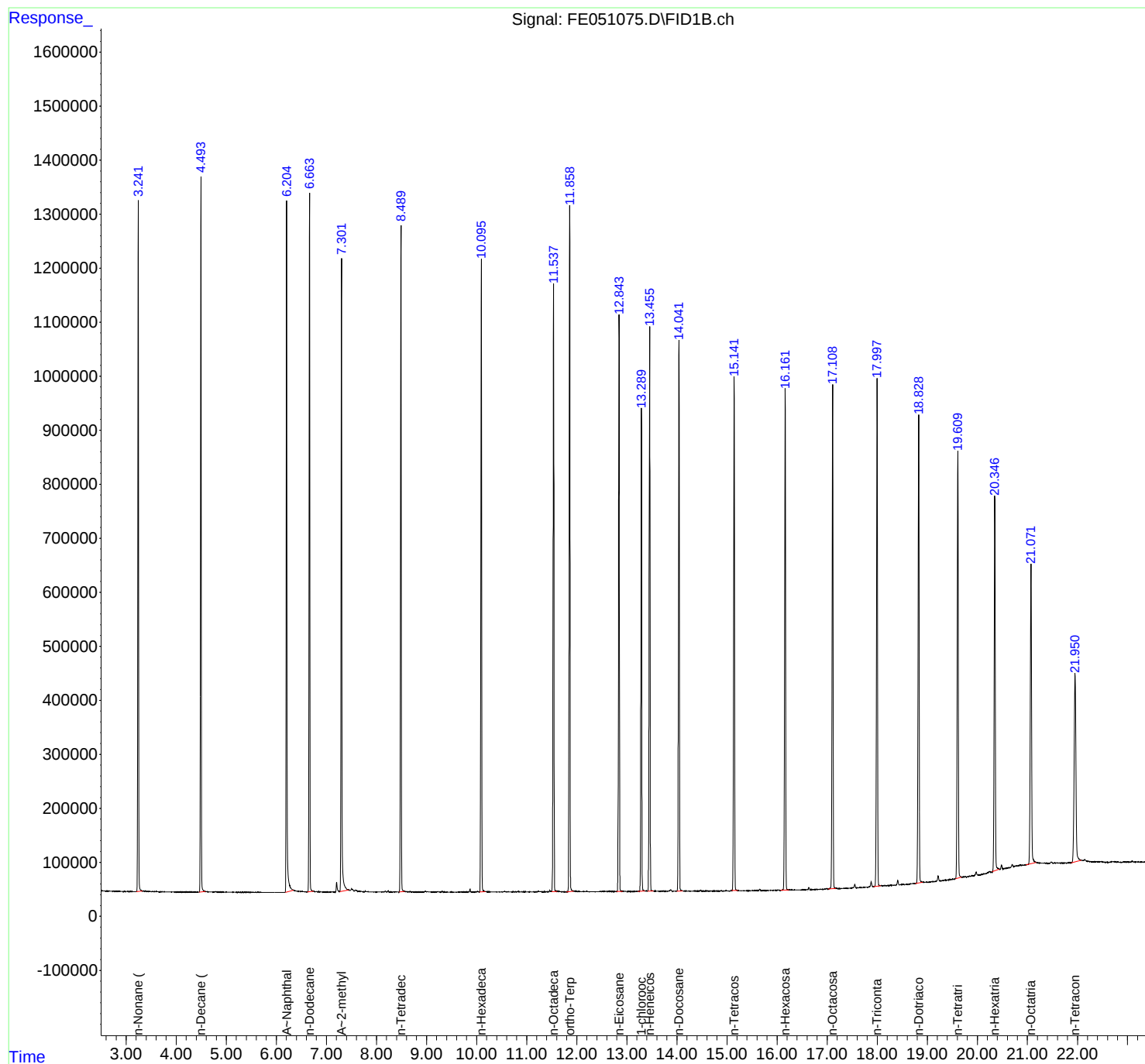
(m)=manual int.

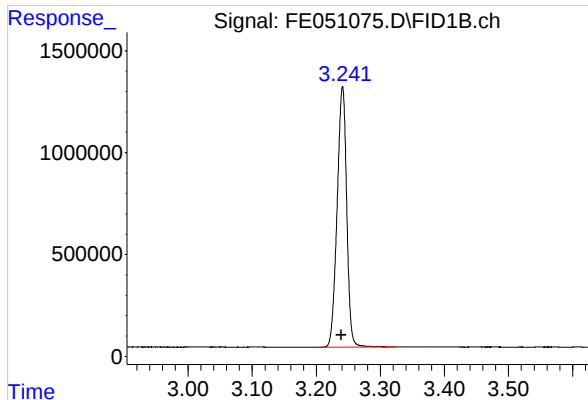
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110724AL\  
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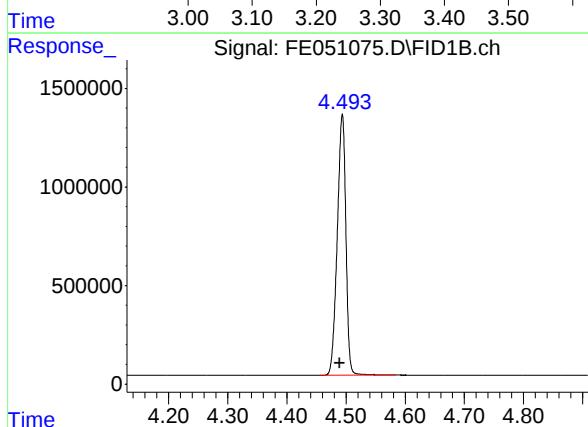




#1 n-Nonane (C9)

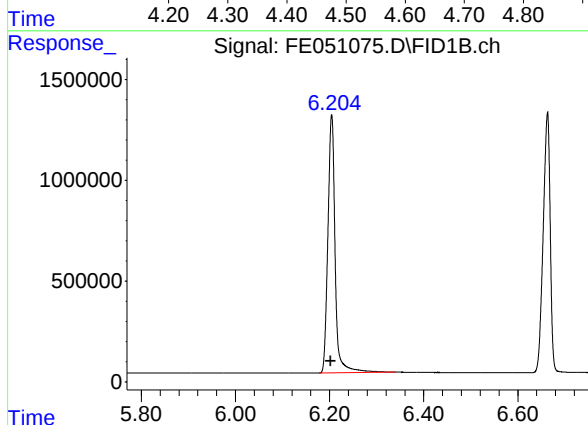
R.T.: 3.241 min  
Delta R.T.: 0.002 min  
Response: 13236910  
Conc: 97.47 ug/ml

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



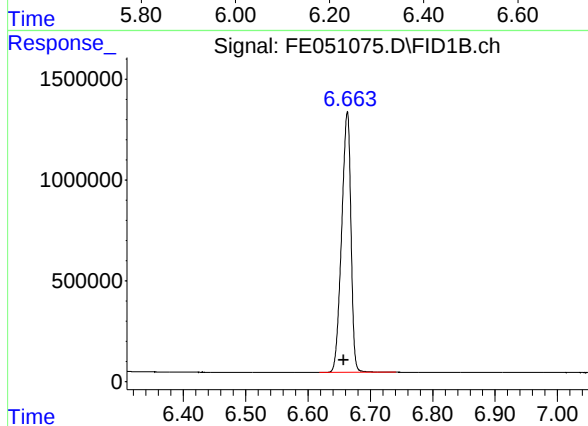
#2 n-Decane (C10)

R.T.: 4.493 min  
Delta R.T.: 0.004 min  
Response: 13428166  
Conc: 97.42 ug/ml



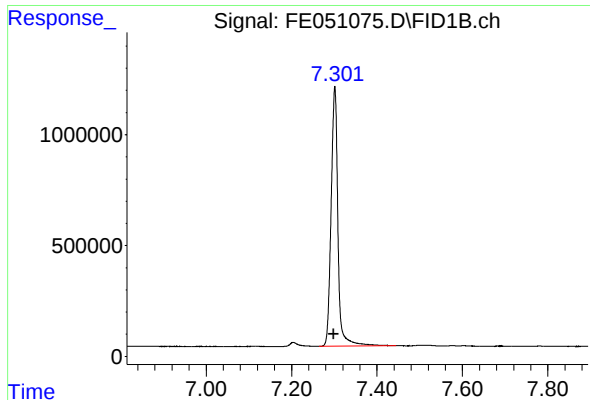
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: 0.002 min  
Response: 13623683  
Conc: 102.54 ug/ml



#4 n-Dodecane (C12)

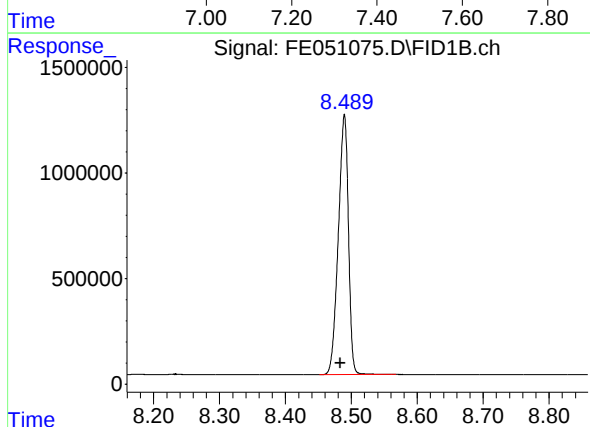
R.T.: 6.663 min  
Delta R.T.: 0.005 min  
Response: 13398704  
Conc: 96.01 ug/ml



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

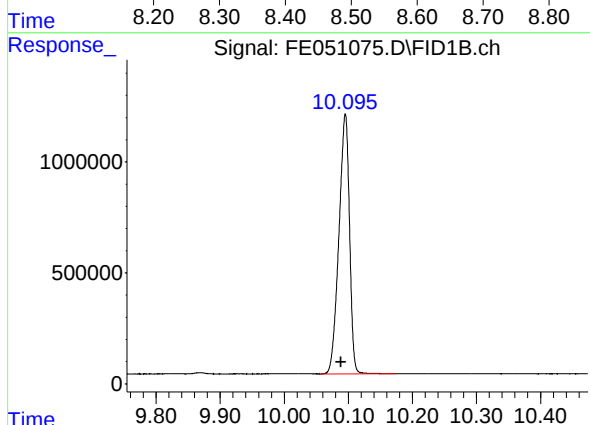
R.T.: 7.301 min  
Delta R.T.: 0.003 min  
Response: 12915436  
Conc: 104.14 ug/ml

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



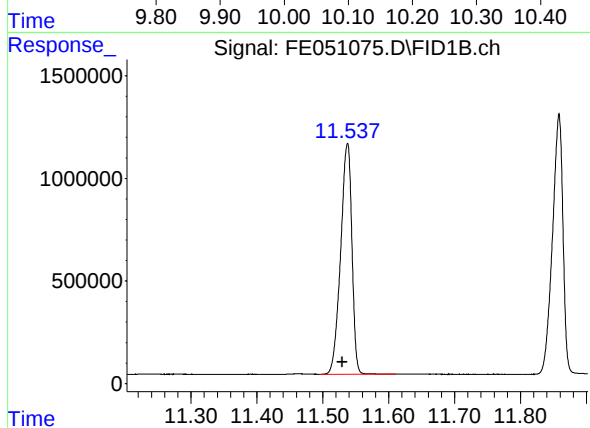
#6 n-Tetradecane (C14)

R.T.: 8.489 min  
Delta R.T.: 0.006 min  
Response: 13135139  
Conc: 94.96 ug/ml



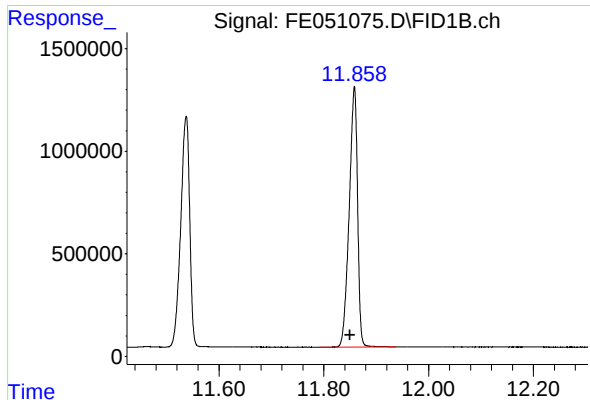
#7 n-Hexadecane (C16)

R.T.: 10.095 min  
Delta R.T.: 0.006 min  
Response: 13364611  
Conc: 94.79 ug/ml



#8 n-Octadecane (C18)

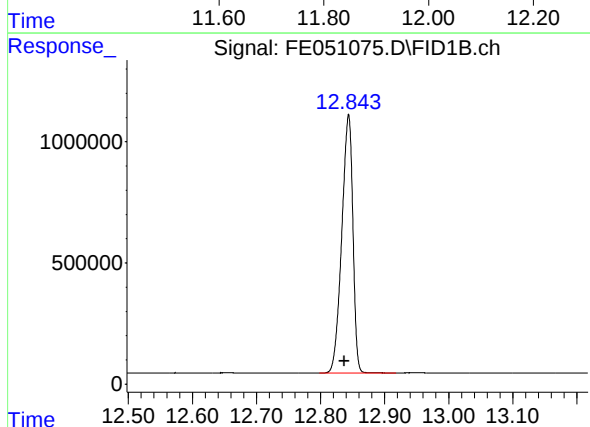
R.T.: 11.537 min  
Delta R.T.: 0.007 min  
Response: 13365220  
Conc: 94.33 ug/ml



#9 ortho-Terphenyl (SURR)

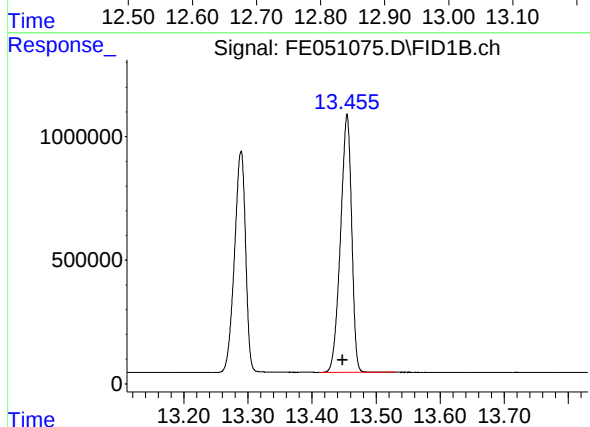
R.T.: 11.858 min  
Delta R.T.: 0.007 min  
Response: 14049939  
Conc: 94.66 ug/ml

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



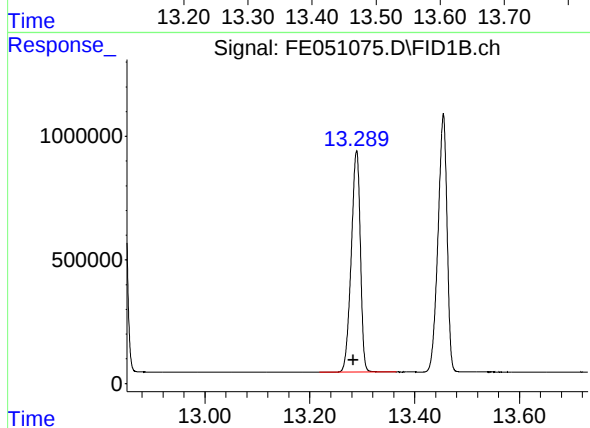
#10 n-Eicosane (C20)

R.T.: 12.843 min  
Delta R.T.: 0.006 min  
Response: 12736356  
Conc: 93.90 ug/ml



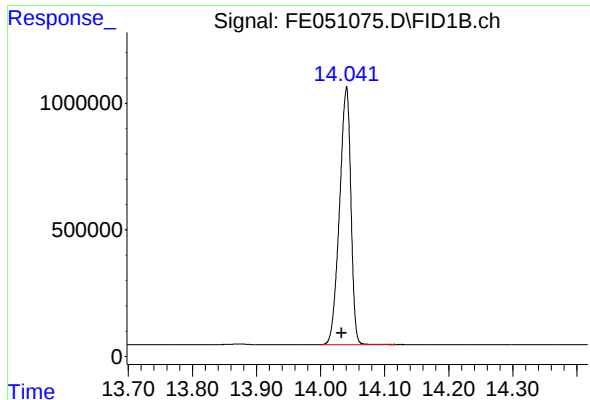
#11 n-Heneicosane (C21)

R.T.: 13.454 min  
Delta R.T.: 0.007 min  
Response: 12499045  
Conc: 94.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min  
Delta R.T.: 0.006 min  
Response: 10794010  
Conc: 95.79 ug/ml



#13 n-Docosane (C22)

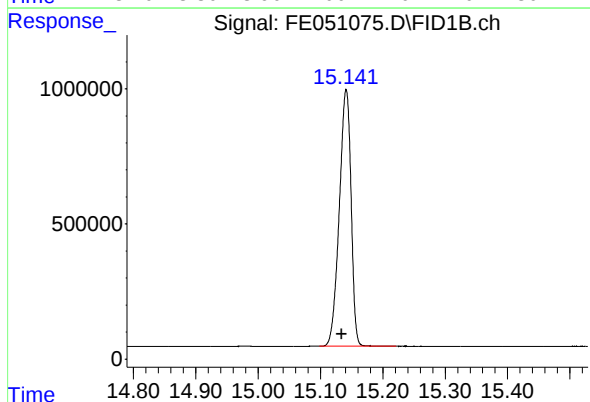
R.T.: 14.040 min  
Delta R.T.: 0.007 min  
Response: 12430842  
Conc: 94.61 ug/ml

Instrument :

FID\_E

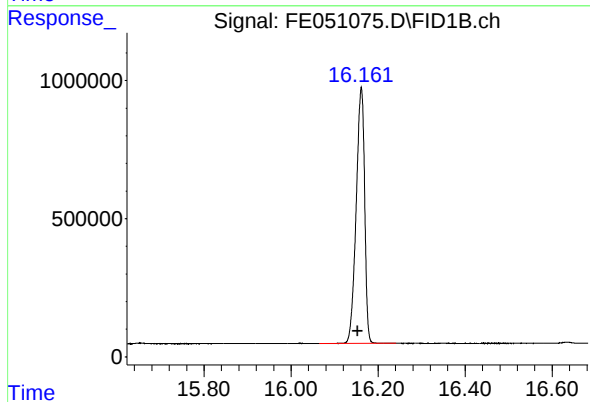
ClientSampleId :

100 PPM ALIPHATIC HC STD1



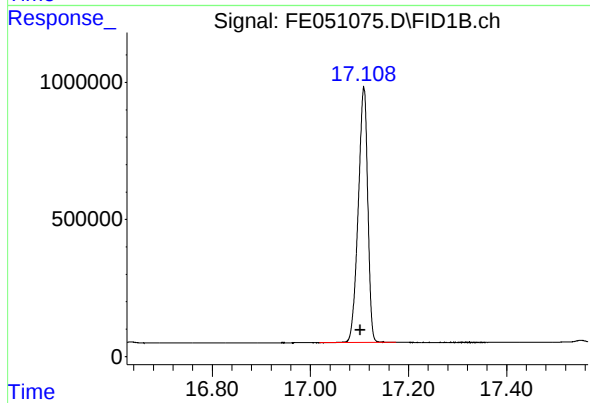
#14 n-Tetracosane (C24)

R.T.: 15.141 min  
Delta R.T.: 0.007 min  
Response: 12455204  
Conc: 94.91 ug/ml



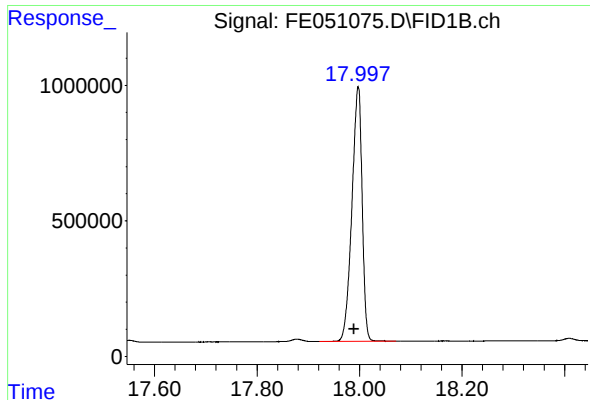
#15 n-Hexacosane (C26)

R.T.: 16.161 min  
Delta R.T.: 0.007 min  
Response: 12499744  
Conc: 94.19 ug/ml



#16 n-Octacosane (C28)

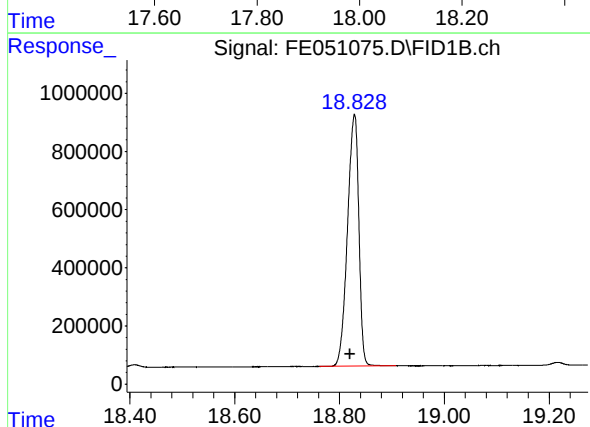
R.T.: 17.109 min  
Delta R.T.: 0.007 min  
Response: 12543278  
Conc: 92.84 ug/ml



#17 n-Tricontane (C30)

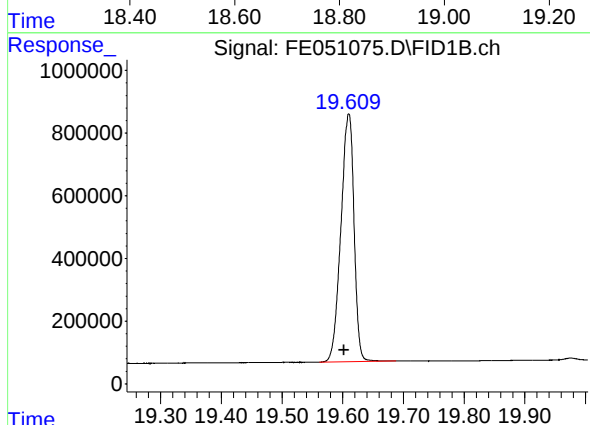
R.T.: 17.997 min  
Delta R.T.: 0.008 min  
Response: 13023156  
Conc: 90.12 ug/ml

Instrument :  
FID\_E  
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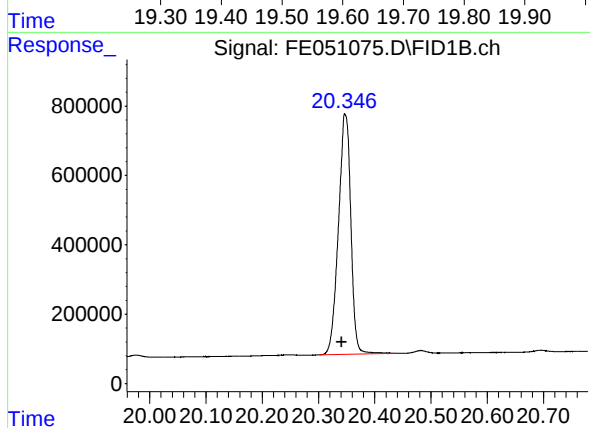
#18 n-Dotriacontane (C32)

R.T.: 18.828 min  
Delta R.T.: 0.008 min  
Response: 13000983  
Conc: 87.78 ug/ml



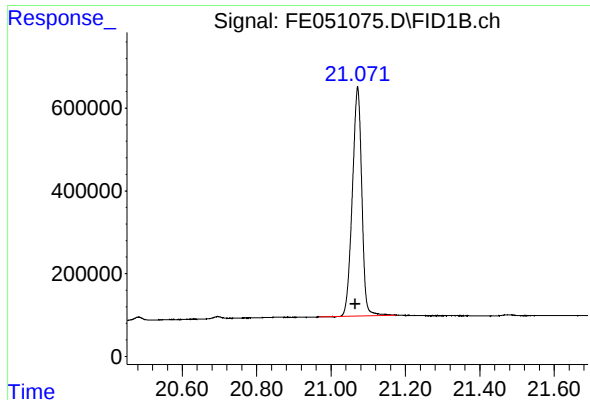
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min  
Delta R.T.: 0.007 min  
Response: 11901355  
Conc: 88.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min  
Delta R.T.: 0.006 min  
Response: 10625484  
Conc: 88.46 ug/ml



#21 n-Octatriacontane (C38)

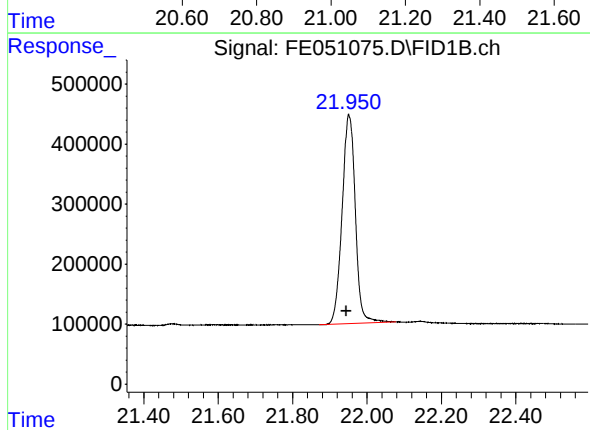
R.T.: 21.071 min  
Delta R.T.: 0.006 min  
Response: 9770056  
Conc: 84.15 ug/ml

Instrument :

FID\_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.951 min  
Delta R.T.: 0.007 min  
Response: 8606502  
Conc: 71.98 ug/ml