

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083023AL\  
 Data File : FC064449.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Aug 2023 14:34  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 31 00:47:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 14:31:35 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)    | 11.511 | 4010512    | 18.891 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.78%       |
| 12) S 1-chlorooctadecane (S... | 12.946 | 2933246    | 19.238 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.48%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.305  | 3225676    | 18.276 ug/ml |
| 2) T n-Decane (C10)            | 4.365  | 3277357    | 18.683 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.944  | 3511644    | 18.885 ug/ml |
| 4) T n-Dodecane (C12)          | 6.376  | 3335937    | 18.716 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.998  | 3439770    | 19.337 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.165  | 3292395    | 18.872 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.760  | 3331650    | 19.279 ug/ml |
| 8) T n-Octadecane (C18)        | 11.198 | 3362034    | 19.203 ug/ml |
| 10) T n-Eicosane (C20)         | 12.503 | 3240591    | 19.157 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.112 | 3176297    | 19.031 ug/ml |
| 13) T n-Docosane (C22)         | 13.698 | 3134877    | 19.219 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.797 | 3051049    | 19.159 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.812 | 2946766    | 19.073 ug/ml |
| 16) T n-Octacosane (C28)       | 16.759 | 2895086    | 19.555 ug/ml |
| 17) T n-Tricontane (C30)       | 17.643 | 3034471    | 20.774 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.473 | 3057839    | 21.647 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 2819961    | 21.105 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 2604640    | 20.355 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.708 | 2494108    | 20.311 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.592 | 2445020    | 21.054 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

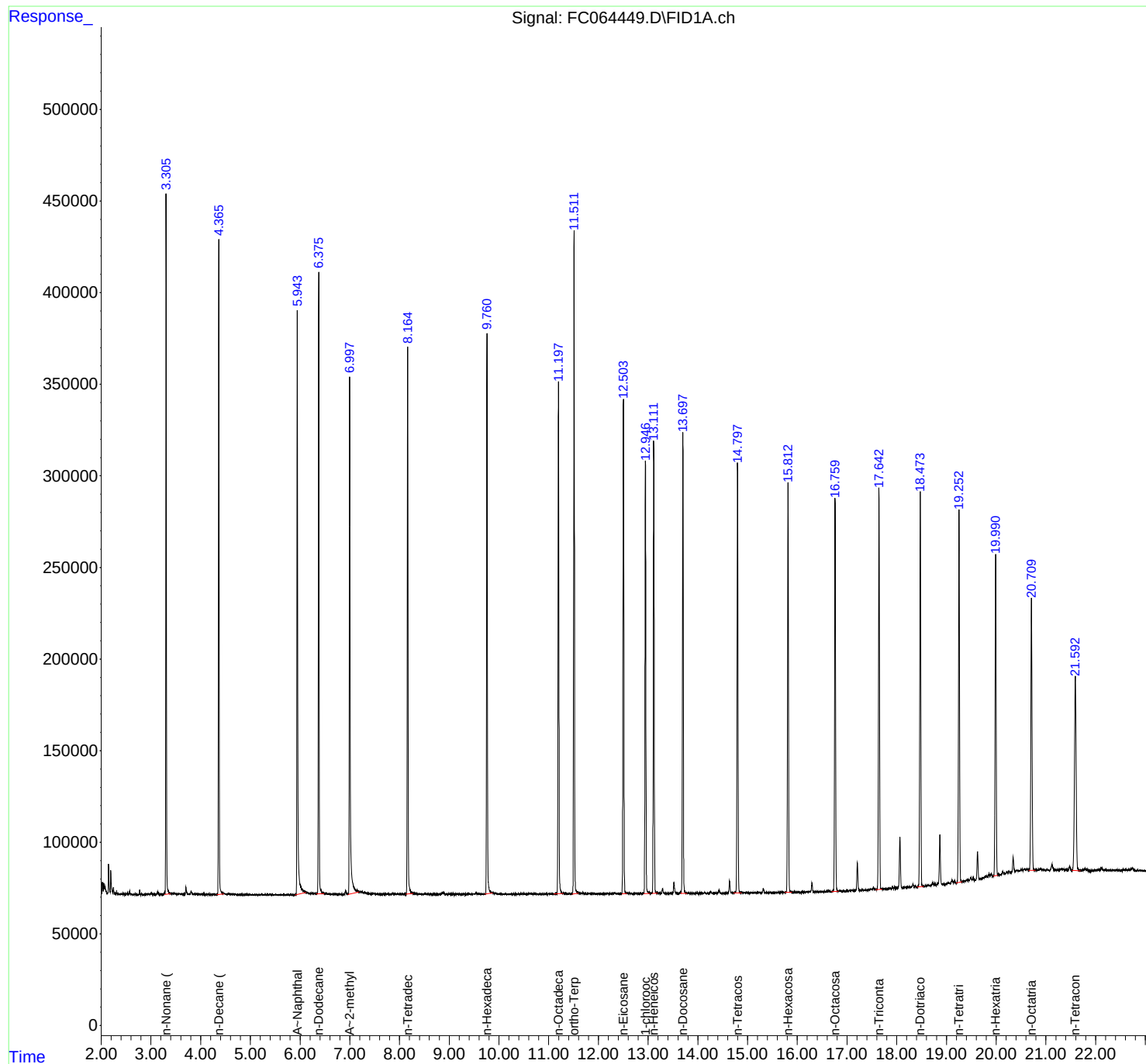
(m)=manual int.

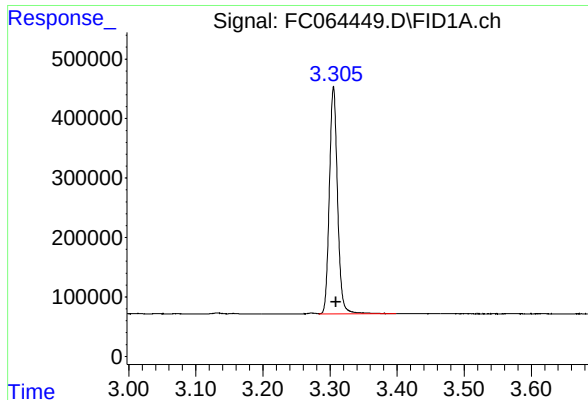
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083023AL\  
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Signal(s) : FID1A.ch  
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Volume Inj. : 1 ul  
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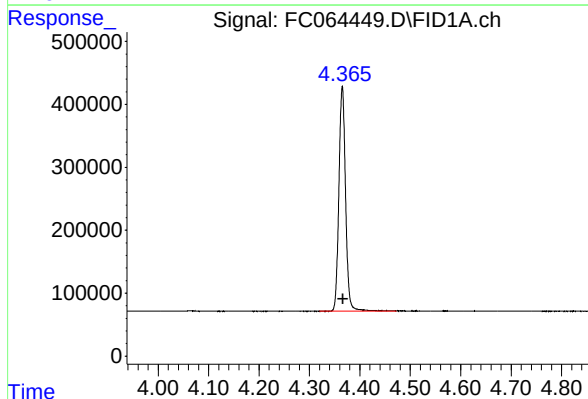




#1 n-Nonane (C9)

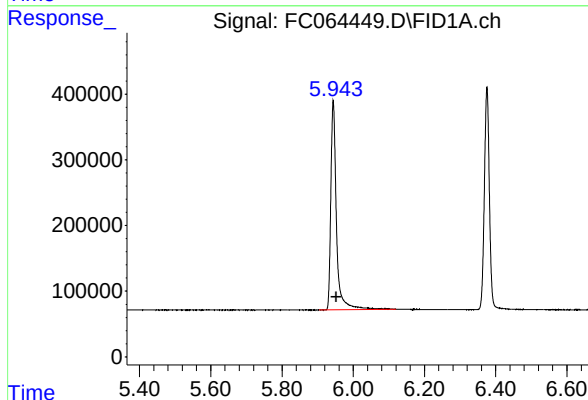
R.T.: 3.305 min  
Delta R.T.: -0.004 min  
Response: 3225676  
Conc: 18.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



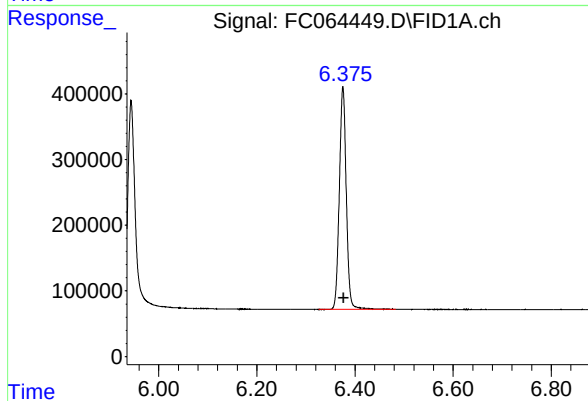
#2 n-Decane (C10)

R.T.: 4.365 min  
Delta R.T.: -0.001 min  
Response: 3277357  
Conc: 18.68 ug/ml



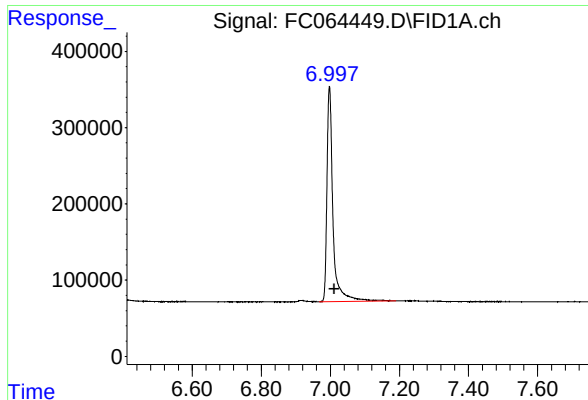
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min  
Delta R.T.: -0.009 min  
Response: 3511644  
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

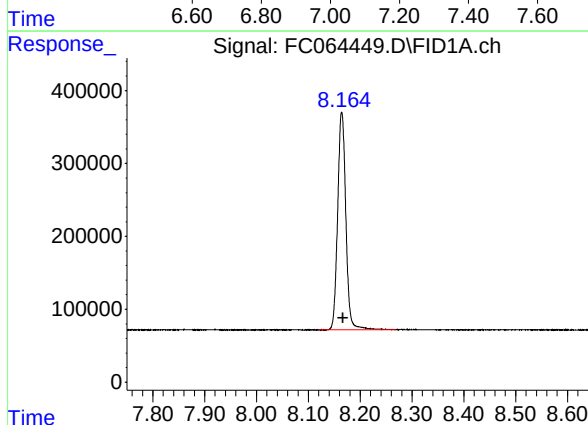
R.T.: 6.376 min  
Delta R.T.: -0.002 min  
Response: 3335937  
Conc: 18.72 ug/ml



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

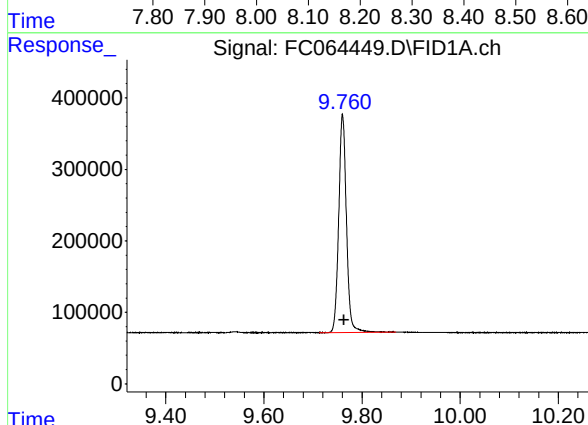
R.T.: 6.998 min  
Delta R.T.: -0.014 min  
Response: 3439770  
Conc: 19.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



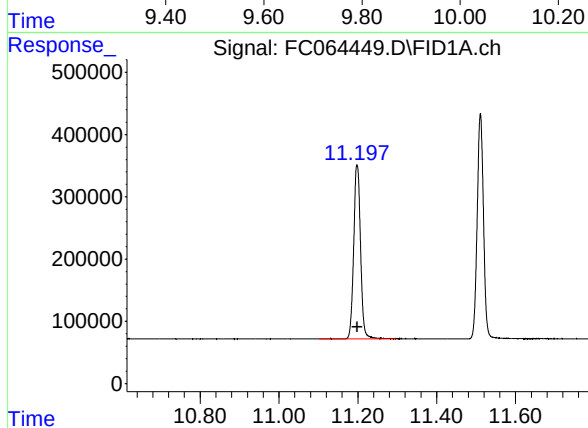
#6 n-Tetradecane (C14)

R.T.: 8.165 min  
Delta R.T.: -0.003 min  
Response: 3292395  
Conc: 18.87 ug/ml



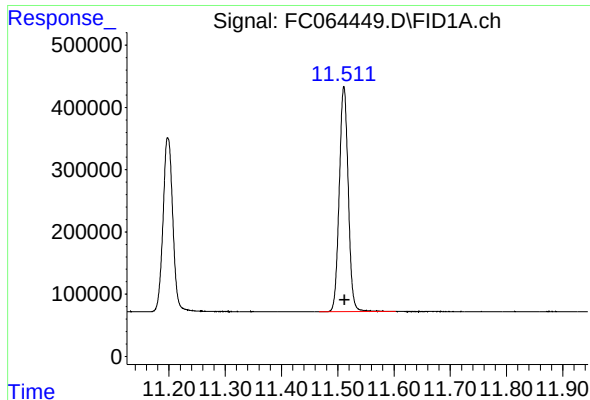
#7 n-Hexadecane (C16)

R.T.: 9.760 min  
Delta R.T.: -0.003 min  
Response: 3331650  
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

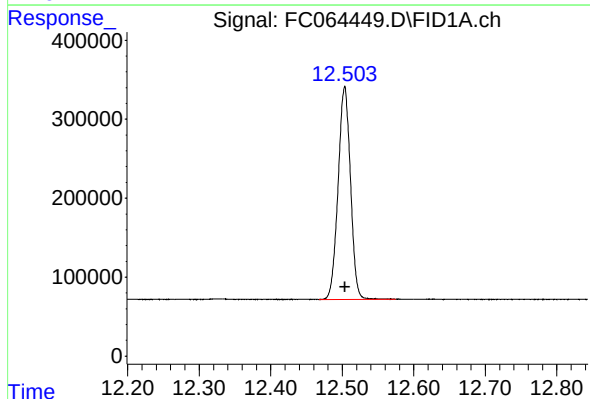
R.T.: 11.198 min  
Delta R.T.: 0.000 min  
Response: 3362034  
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

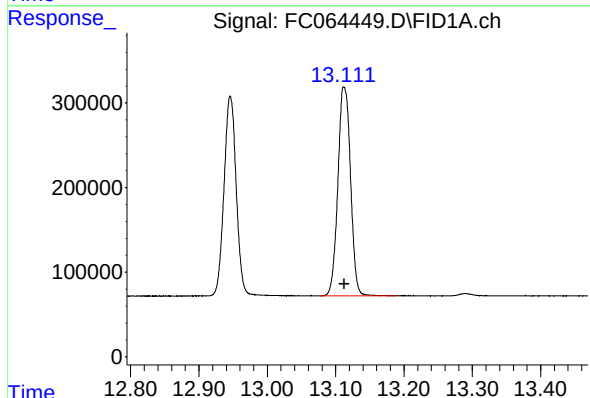
R.T.: 11.511 min  
Delta R.T.: -0.001 min  
Response: 4010512  
Conc: 18.89 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



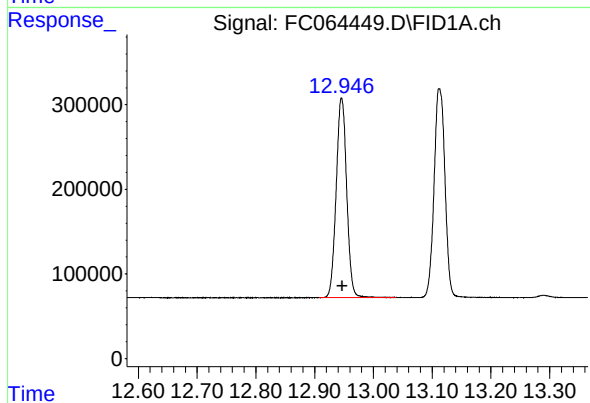
#10 n-Eicosane (C20)

R.T.: 12.503 min  
Delta R.T.: 0.000 min  
Response: 3240591  
Conc: 19.16 ug/ml



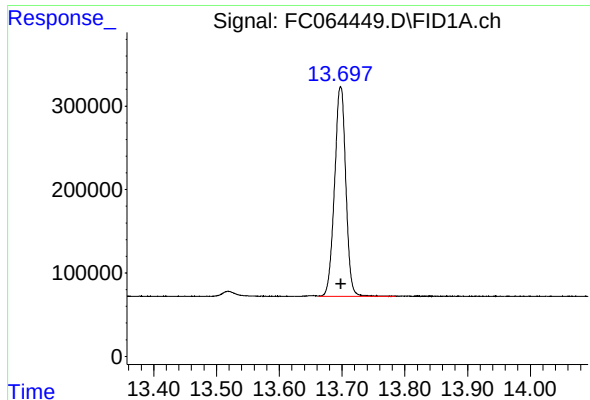
#11 n-Heneicosane (C21)

R.T.: 13.112 min  
Delta R.T.: 0.000 min  
Response: 3176297  
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

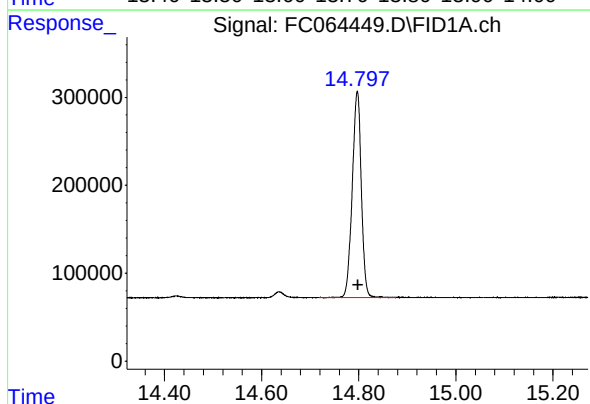
R.T.: 12.946 min  
Delta R.T.: -0.002 min  
Response: 2933246  
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

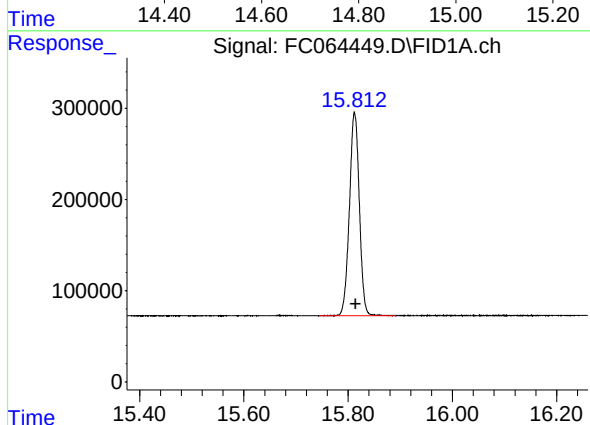
R.T.: 13.698 min  
Delta R.T.: 0.000 min  
Response: 3134877  
Conc: 19.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



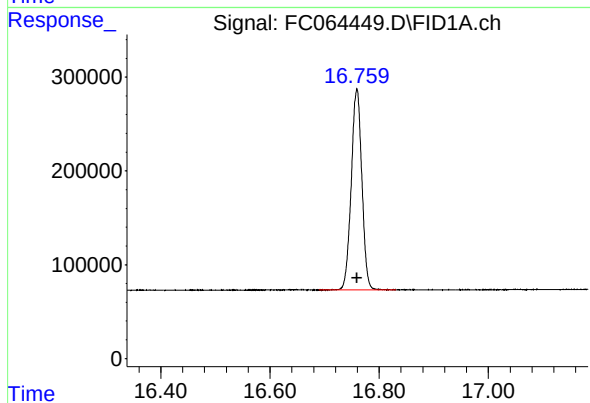
#14 n-Tetracosane (C24)

R.T.: 14.797 min  
Delta R.T.: -0.001 min  
Response: 3051049  
Conc: 19.16 ug/ml



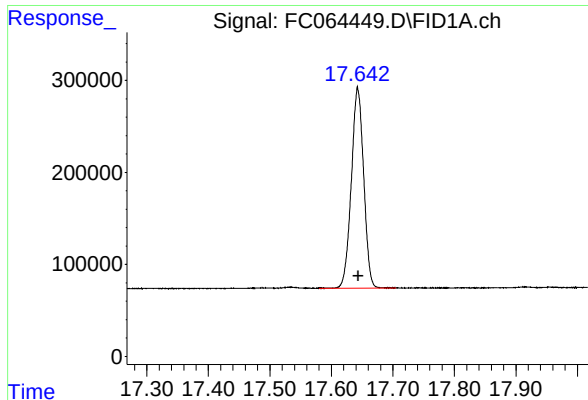
#15 n-Hexacosane (C26)

R.T.: 15.812 min  
Delta R.T.: -0.002 min  
Response: 2946766  
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

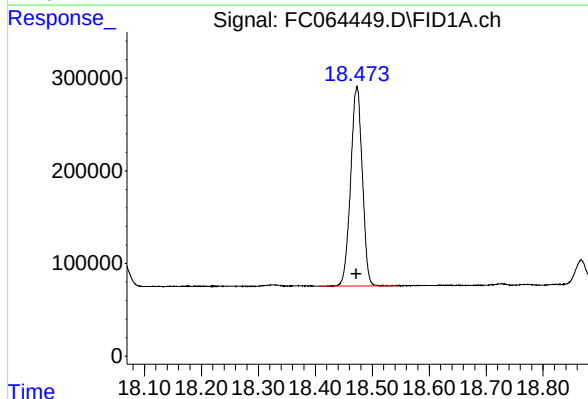
R.T.: 16.759 min  
Delta R.T.: 0.000 min  
Response: 2895086  
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

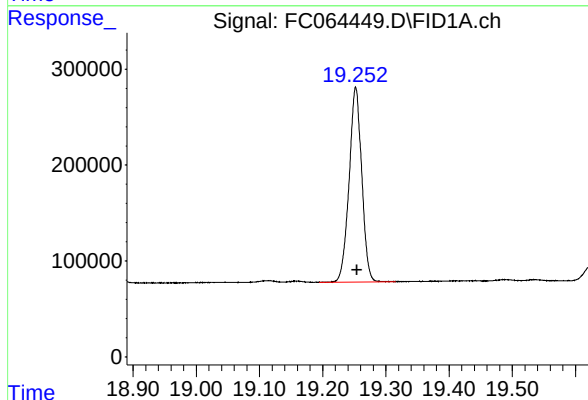
R.T.: 17.643 min  
Delta R.T.: -0.001 min  
Response: 3034471  
Conc: 20.77 ug/ml

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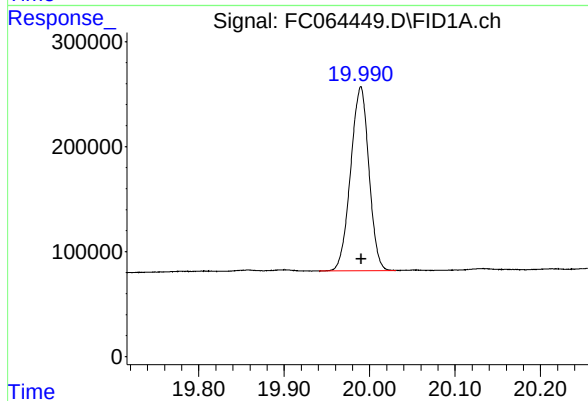
#18 n-Dotriacontane (C32)

R.T.: 18.473 min  
Delta R.T.: 0.001 min  
Response: 3057839  
Conc: 21.65 ug/ml



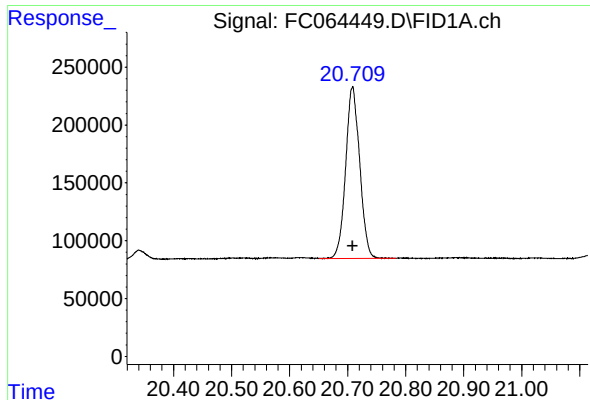
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min  
Delta R.T.: -0.002 min  
Response: 2819961  
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

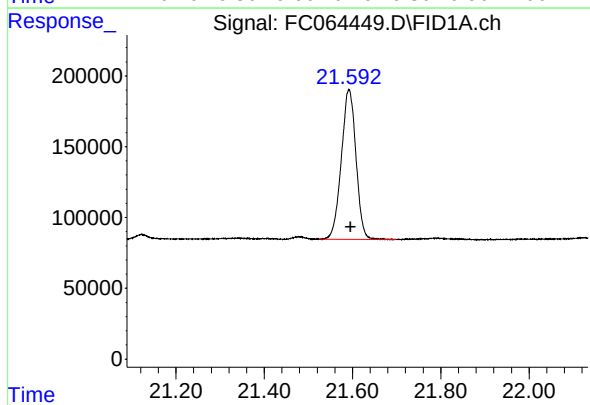
R.T.: 19.990 min  
Delta R.T.: 0.000 min  
Response: 2604640  
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min  
Delta R.T.: 0.000 min  
Response: 2494108  
Conc: 20.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.592 min  
Delta R.T.: -0.004 min  
Response: 2445020  
Conc: 21.05 ug/ml