

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081823AL\  
 Data File : FC064362.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Aug 2023 11:40  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Aug 18 13:14:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 081823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 18 13:04:15 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)    | 11.517 | 10900359   | 50.679 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.36%      |
| 12) S 1-chlorooctadecane (S... | 12.950 | 7860985    | 50.662 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.32%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.310  | 9259721    | 51.759 ug/ml |
| 2) T n-Decane (C10)            | 4.367  | 9247999    | 51.960 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 10002847   | 54.104 ug/ml |
| 4) T n-Dodecane (C12)          | 6.378  | 9336788    | 51.345 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.999  | 9753804    | 54.815 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.167  | 9101676    | 51.436 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 9071274    | 51.274 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 8989579    | 50.557 ug/ml |
| 10) T n-Eicosane (C20)         | 12.507 | 8619477    | 50.285 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.117 | 8469408    | 50.164 ug/ml |
| 13) T n-Docosane (C22)         | 13.700 | 8319928    | 50.334 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.799 | 8126059    | 50.427 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.817 | 7864040    | 50.258 ug/ml |
| 16) T n-Octacosane (C28)       | 16.762 | 7536933    | 50.315 ug/ml |
| 17) T n-Tricontane (C30)       | 17.646 | 7397875    | 50.209 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.475 | 7115251    | 50.112 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.256 | 6761377    | 50.286 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.992 | 6513196    | 50.547 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 6307938    | 50.960 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.596 | 6098322    | 51.805 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

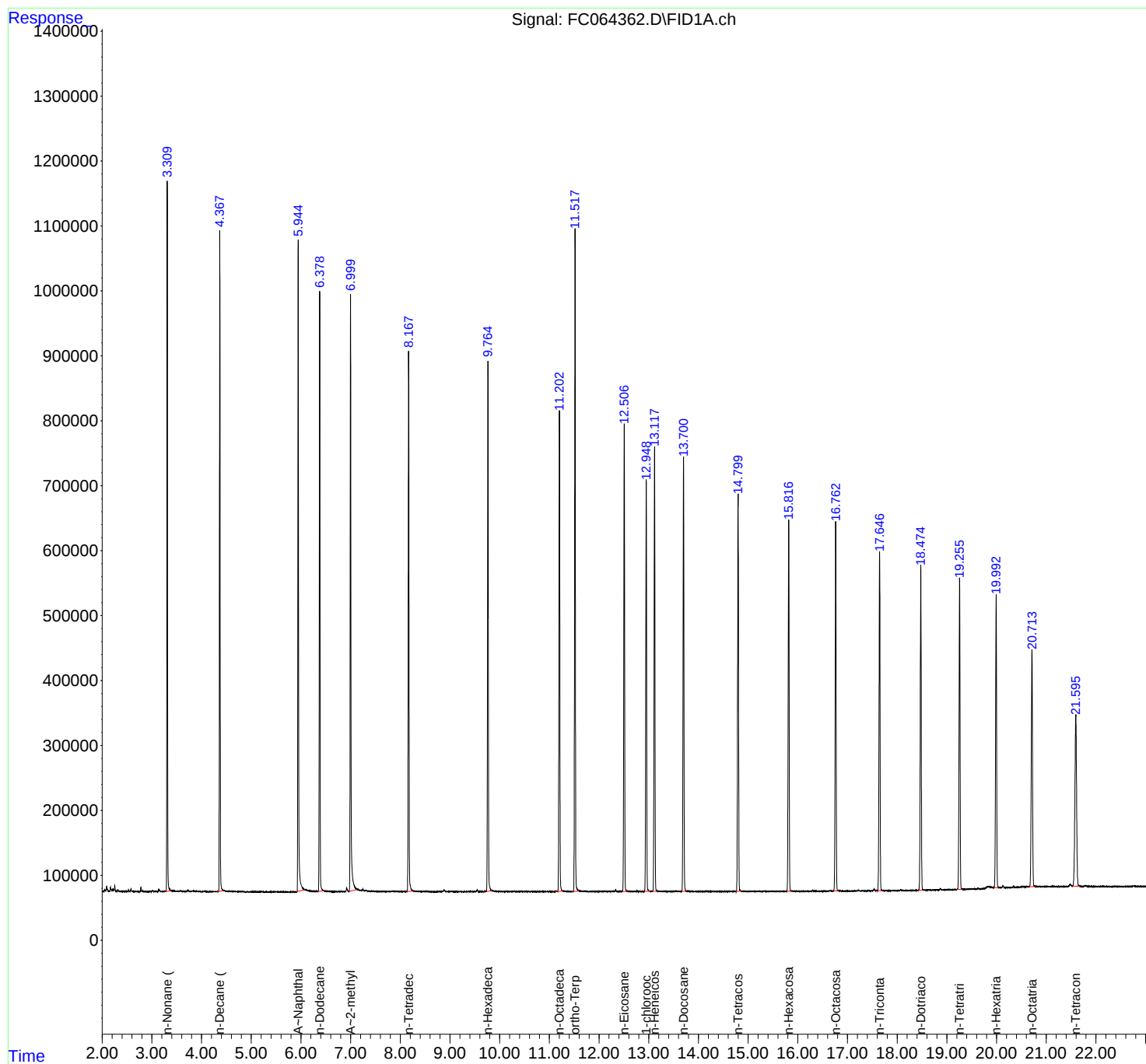
(m)=manual int.

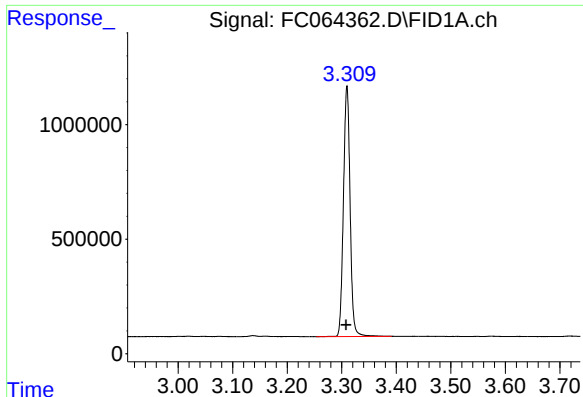
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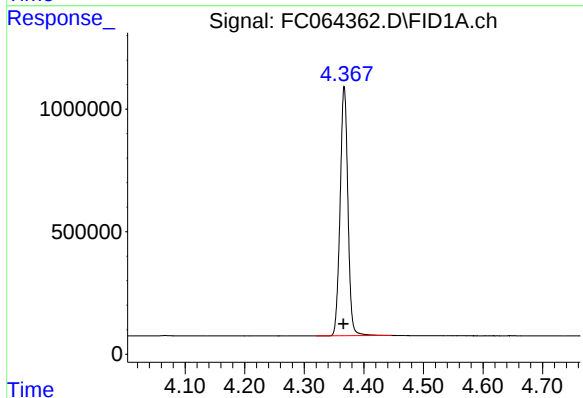




#1 n-Nonane (C9)

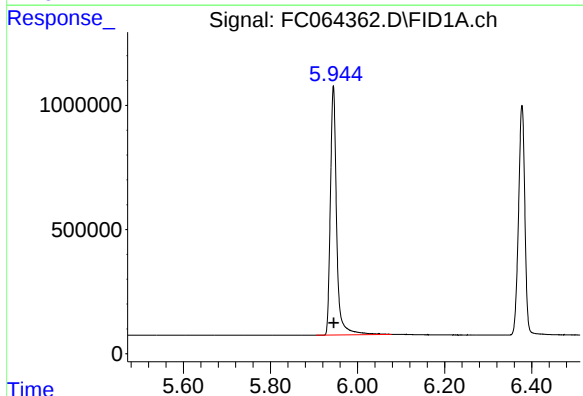
R.T.: 3.310 min  
Delta R.T.: 0.002 min  
Response: 9259721  
Conc: 51.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



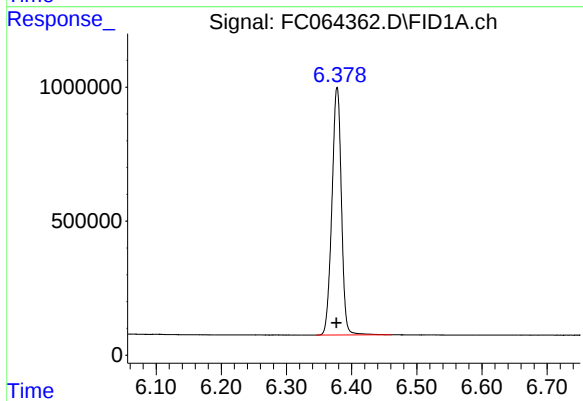
#2 n-Decane (C10)

R.T.: 4.367 min  
Delta R.T.: 0.001 min  
Response: 9247999  
Conc: 51.96 ug/ml



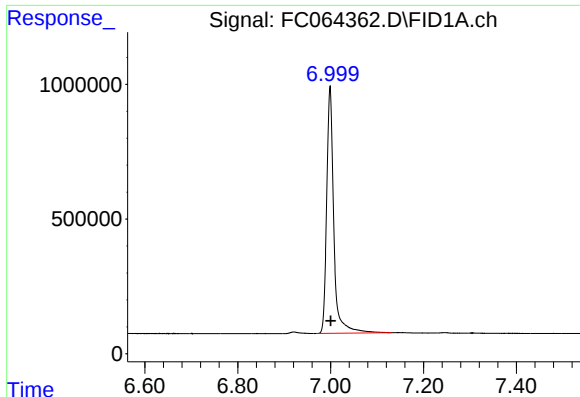
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 10002847  
Conc: 54.10 ug/ml



#4 n-Dodecane (C12)

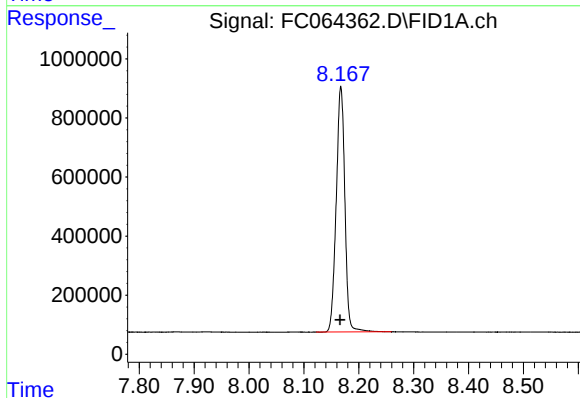
R.T.: 6.378 min  
Delta R.T.: 0.001 min  
Response: 9336788  
Conc: 51.34 ug/ml



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

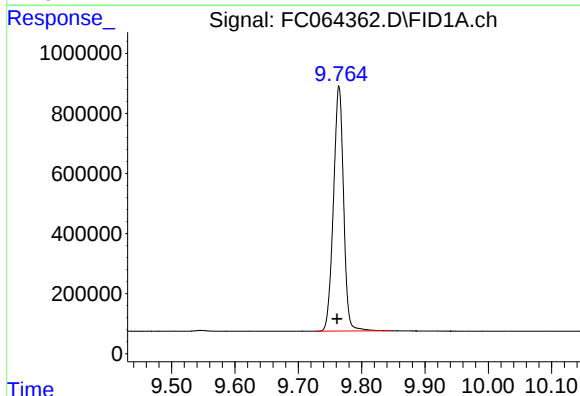
R.T.: 6.999 min  
Delta R.T.: -0.002 min  
Response: 9753804  
Conc: 54.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



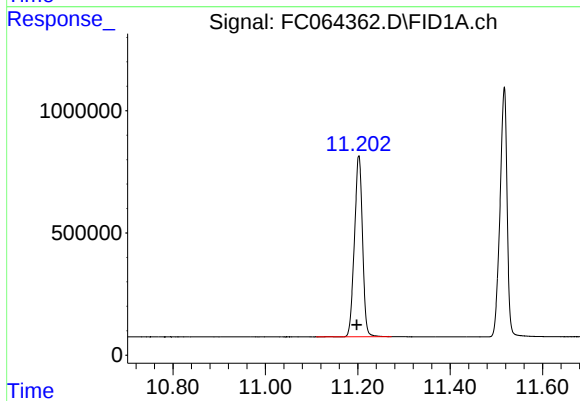
#6 n-Tetradecane (C14)

R.T.: 8.167 min  
Delta R.T.: 0.002 min  
Response: 9101676  
Conc: 51.44 ug/ml



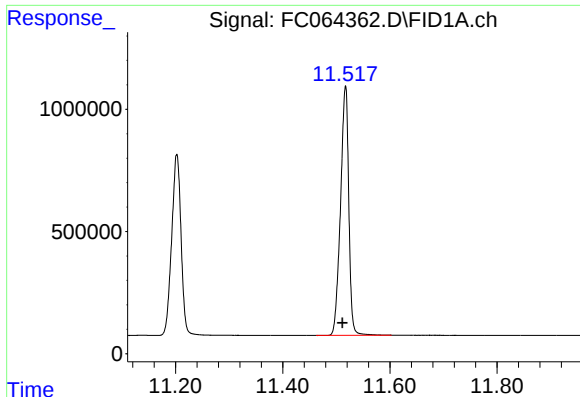
#7 n-Hexadecane (C16)

R.T.: 9.764 min  
Delta R.T.: 0.003 min  
Response: 9071274  
Conc: 51.27 ug/ml



#8 n-Octadecane (C18)

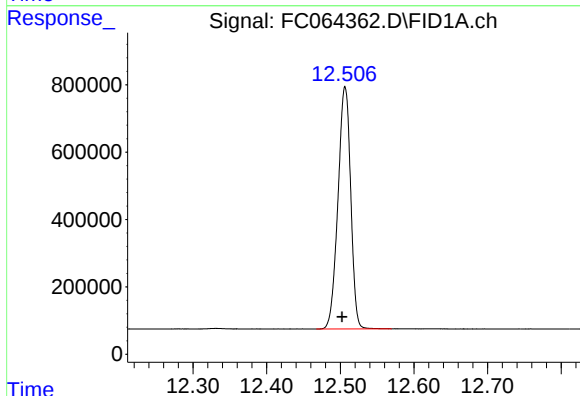
R.T.: 11.202 min  
Delta R.T.: 0.004 min  
Response: 8989579  
Conc: 50.56 ug/ml



#9 ortho-Terphenyl (SURR)

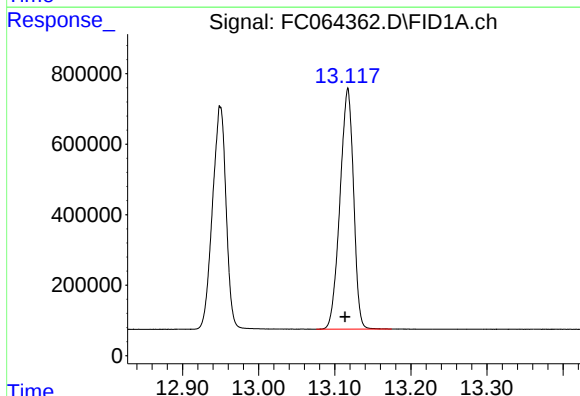
R.T.: 11.517 min  
Delta R.T.: 0.006 min  
Response: 10900359  
Conc: 50.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



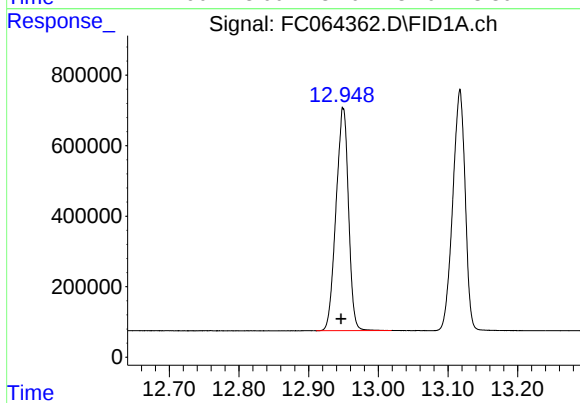
#10 n-Eicosane (C20)

R.T.: 12.507 min  
Delta R.T.: 0.004 min  
Response: 8619477  
Conc: 50.28 ug/ml



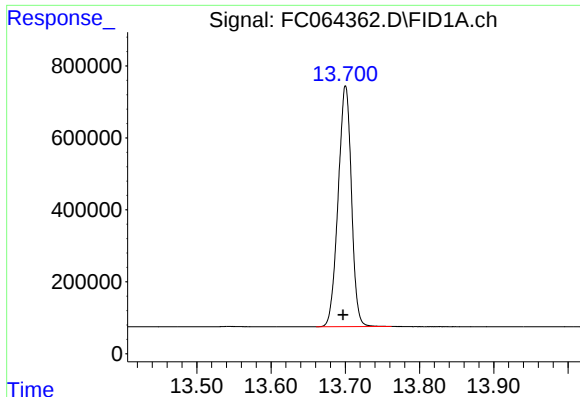
#11 n-Heneicosane (C21)

R.T.: 13.117 min  
Delta R.T.: 0.004 min  
Response: 8469408  
Conc: 50.16 ug/ml



#12 1-chlorooctadecane (SURR)

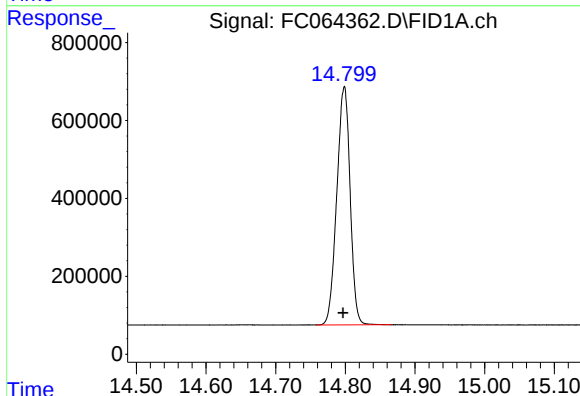
R.T.: 12.950 min  
Delta R.T.: 0.003 min  
Response: 7860985  
Conc: 50.66 ug/ml



#13 n-Docosane (C22)

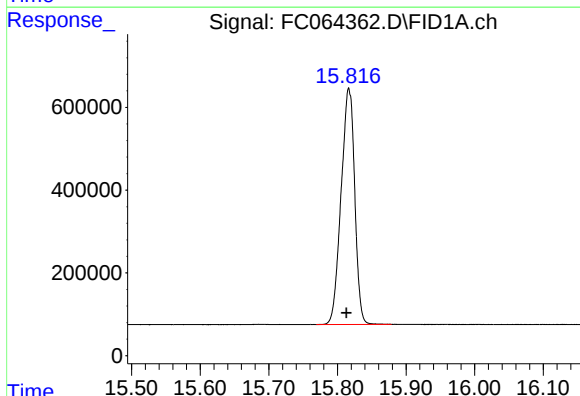
R.T.: 13.700 min  
Delta R.T.: 0.003 min  
Response: 8319928  
Conc: 50.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



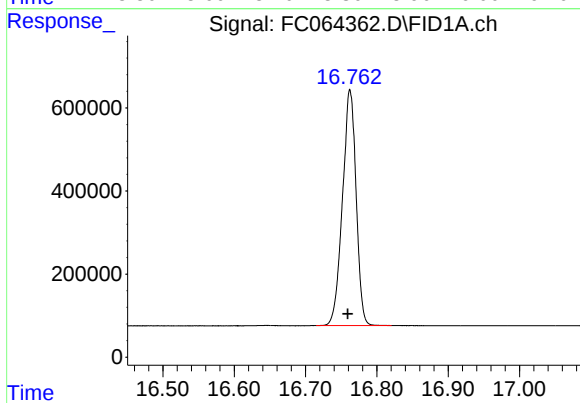
#14 n-Tetracosane (C24)

R.T.: 14.799 min  
Delta R.T.: 0.002 min  
Response: 8126059  
Conc: 50.43 ug/ml



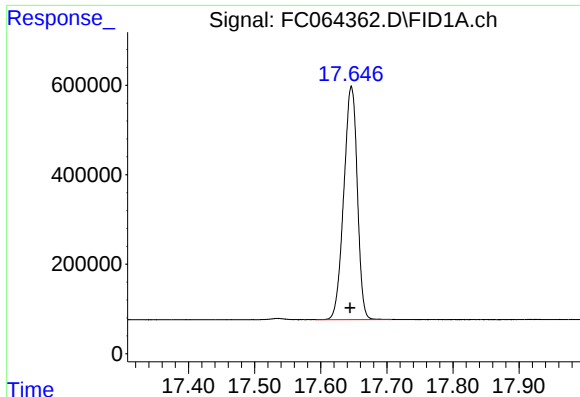
#15 n-Hexacosane (C26)

R.T.: 15.817 min  
Delta R.T.: 0.003 min  
Response: 7864040  
Conc: 50.26 ug/ml



#16 n-Octacosane (C28)

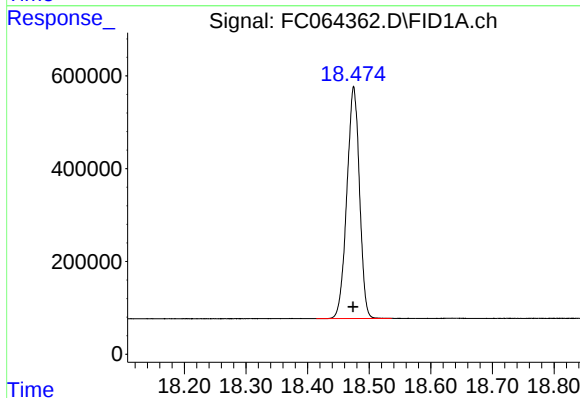
R.T.: 16.762 min  
Delta R.T.: 0.003 min  
Response: 7536933  
Conc: 50.32 ug/ml



#17 n-Tricontane (C30)

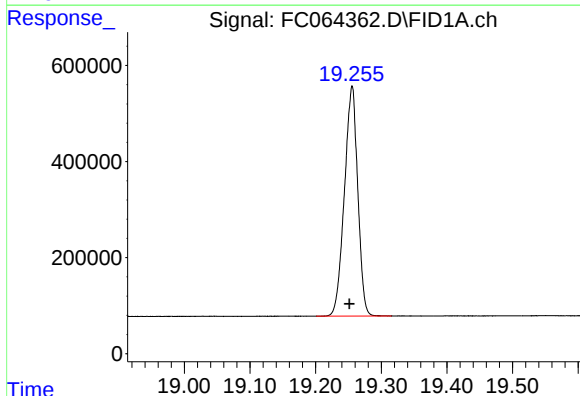
R.T.: 17.646 min  
Delta R.T.: 0.002 min  
Response: 7397875  
Conc: 50.21 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



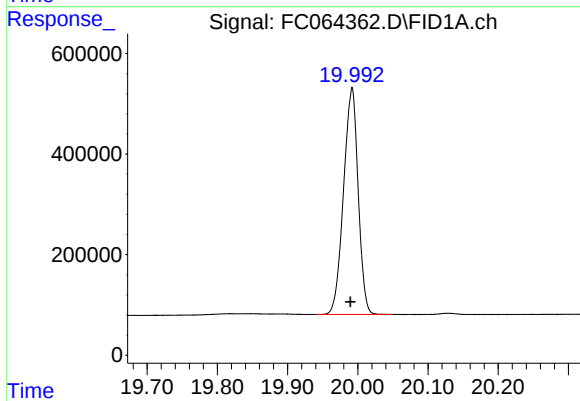
#18 n-Dotriacontane (C32)

R.T.: 18.475 min  
Delta R.T.: 0.001 min  
Response: 7115251  
Conc: 50.11 ug/ml



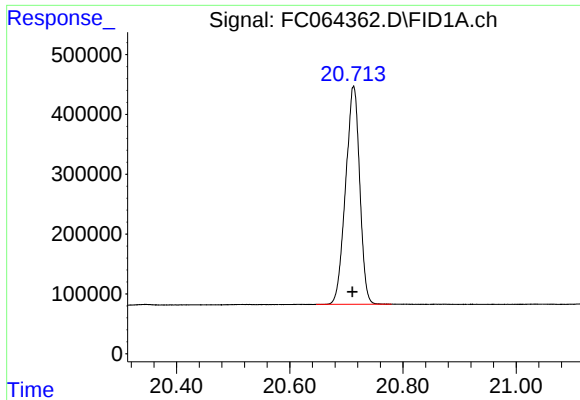
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min  
Delta R.T.: 0.004 min  
Response: 6761377  
Conc: 50.29 ug/ml



#20 n-Hexatriacontane (C36)

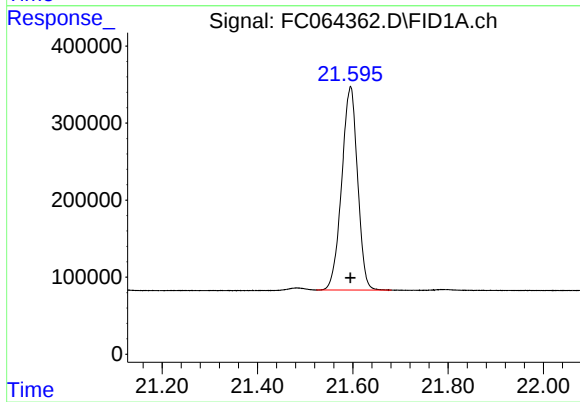
R.T.: 19.992 min  
Delta R.T.: 0.003 min  
Response: 6513196  
Conc: 50.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min  
Delta R.T.: 0.002 min  
Response: 6307938  
Conc: 50.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.596 min  
Delta R.T.: 0.000 min  
Response: 6098322  
Conc: 51.80 ug/ml