

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101323AL\  
 Data File : FC064825.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Oct 2023 04:41  
 Operator : YP/AJ  
 Sample : 04816-05MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 14 06:35:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 10 12:17:45 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.952 | 6690775    | 44.622 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 89.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.318  | 5567085    | 30.310 ug/ml |
| 2) T n-Decane (C10)            | 4.379  | 6675001    | 36.490 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 7685830    | 41.234 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.177  | 8421119    | 46.889 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.772  | 9323438    | 52.414 ug/ml |
| 8) T n-Octadecane (C18)        | 11.207 | 9882832    | 55.075 ug/ml |
| 10) T n-Eicosane (C20)         | 12.512 | 10027023   | 58.232 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.121 | 9666207    | 57.076 ug/ml |
| 13) T n-Docosane (C22)         | 13.703 | 9531707    | 57.849 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.803 | 9279822    | 58.304 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.818 | 8916272    | 58.206 ug/ml |
| 16) T n-Octacosane (C28)       | 16.764 | 8598888    | 58.351 ug/ml |
| 17) T n-Tricontane (C30)       | 17.647 | 8348804    | 57.062 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.476 | 8021378    | 55.552 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.255 | 7791842    | 55.378 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.991 | 7364636    | 53.231 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 7187341    | 54.259 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.597 | 6868421    | 54.882 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

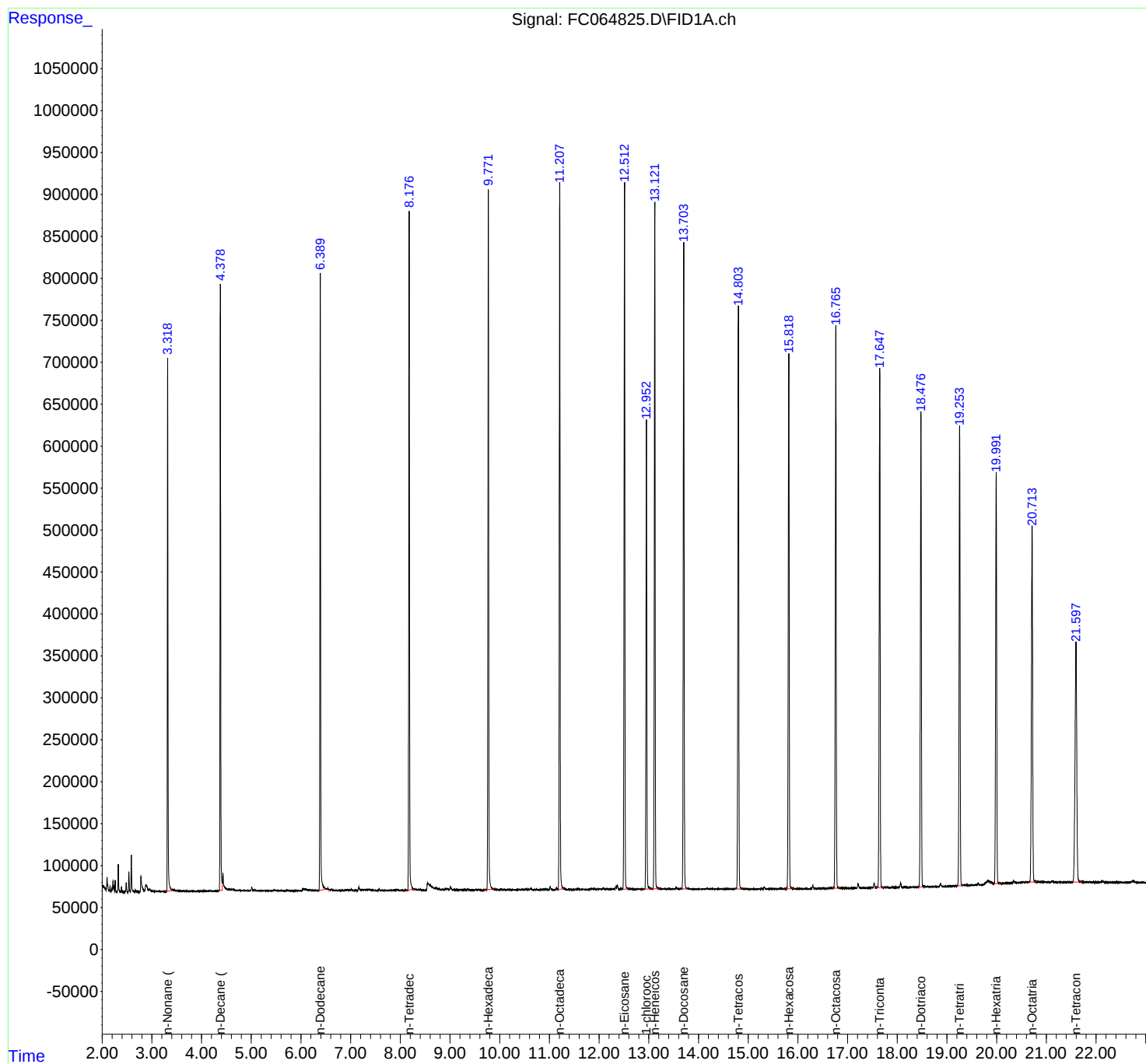
(m)=manual int.

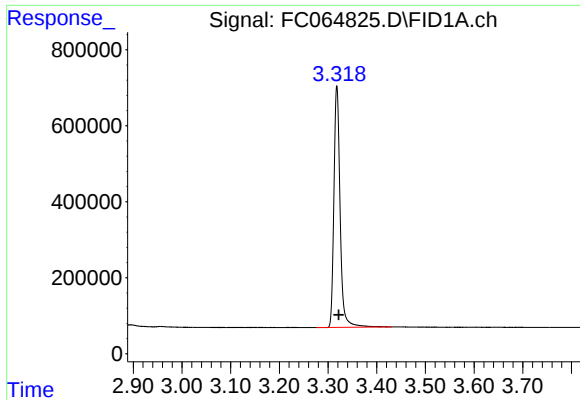
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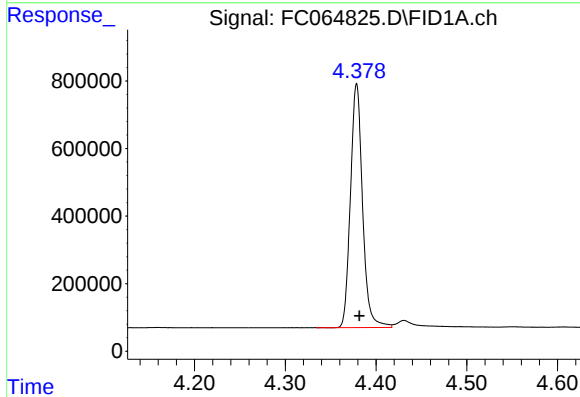




#1 n-Nonane (C9)

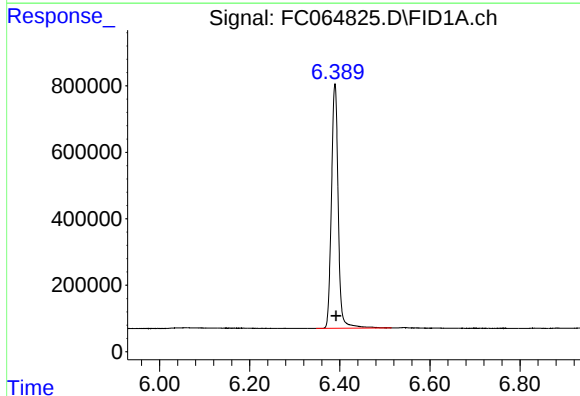
R.T.: 3.318 min  
Delta R.T.: -0.004 min  
Response: 5567085  
Conc: 30.31 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



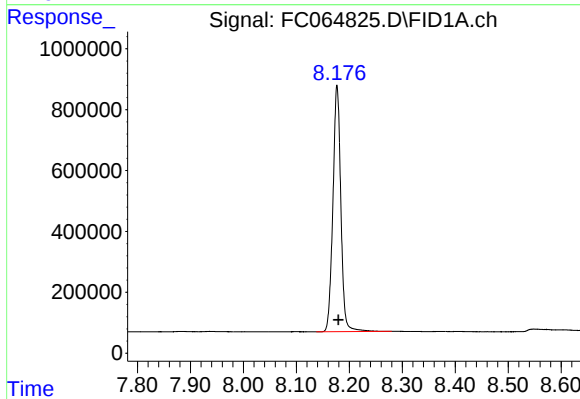
#2 n-Decane (C10)

R.T.: 4.379 min  
Delta R.T.: -0.003 min  
Response: 6675001  
Conc: 36.49 ug/ml



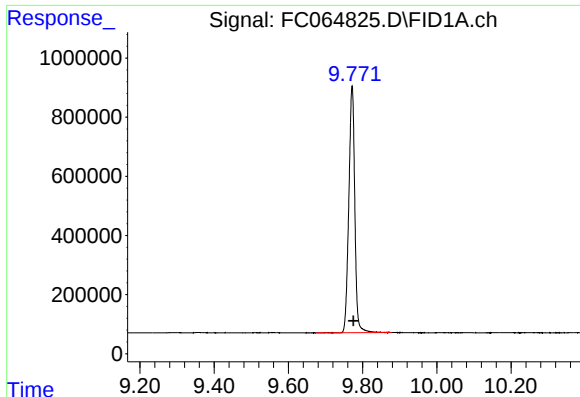
#4 n-Dodecane (C12)

R.T.: 6.389 min  
Delta R.T.: -0.002 min  
Response: 7685830  
Conc: 41.23 ug/ml



#6 n-Tetradecane (C14)

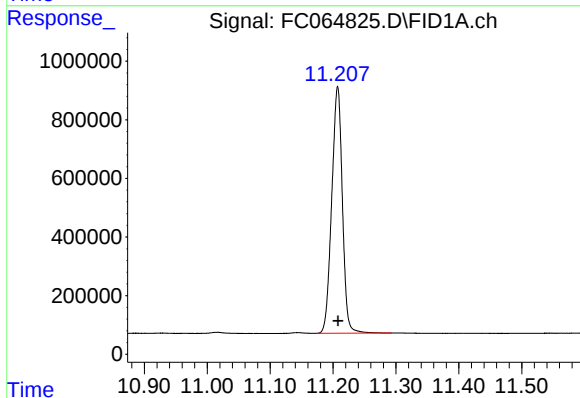
R.T.: 8.177 min  
Delta R.T.: -0.003 min  
Response: 8421119  
Conc: 46.89 ug/ml



#7 n-Hexadecane (C16)

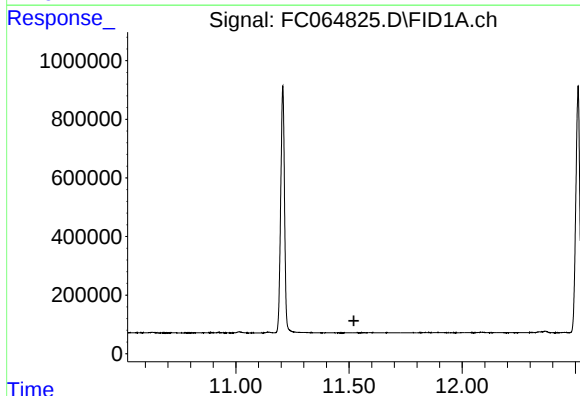
R.T.: 9.772 min  
Delta R.T.: -0.003 min  
Response: 9323438  
Conc: 52.41 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



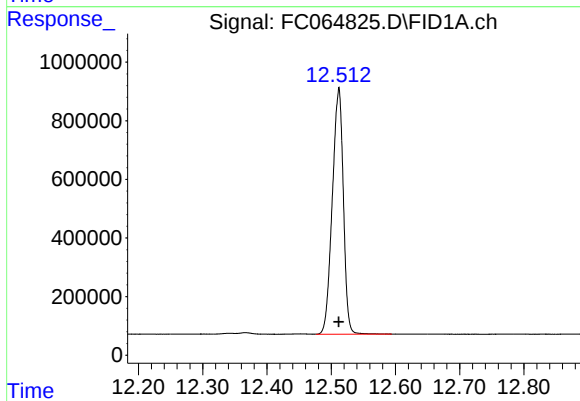
#8 n-Octadecane (C18)

R.T.: 11.207 min  
Delta R.T.: 0.000 min  
Response: 9882832  
Conc: 55.07 ug/ml



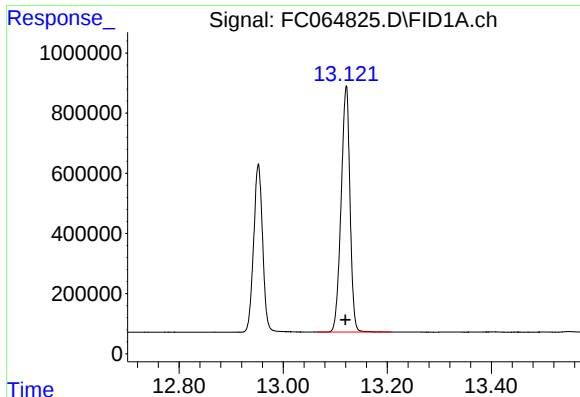
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.521 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

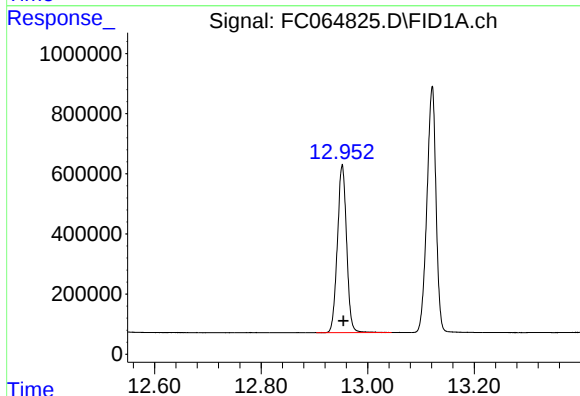
R.T.: 12.512 min  
Delta R.T.: 0.000 min  
Response: 10027023  
Conc: 58.23 ug/ml



#11 n-Heneicosane (C21)

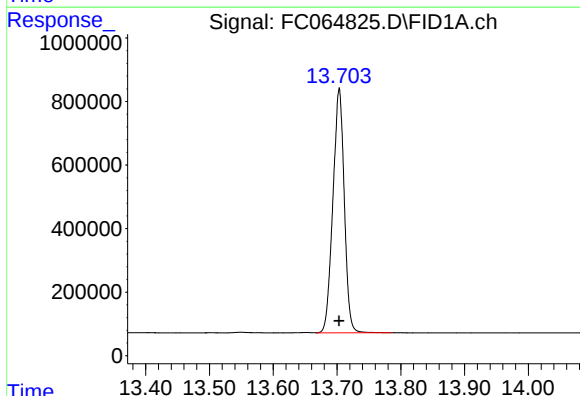
R.T.: 13.121 min  
Delta R.T.: 0.002 min  
Response: 9666207  
Conc: 57.08 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



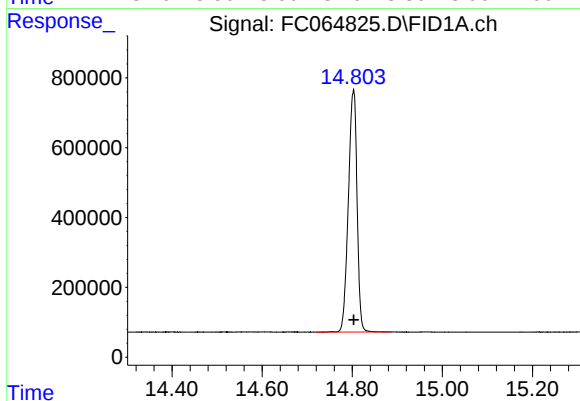
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min  
Delta R.T.: -0.002 min  
Response: 6690775  
Conc: 44.62 ug/ml



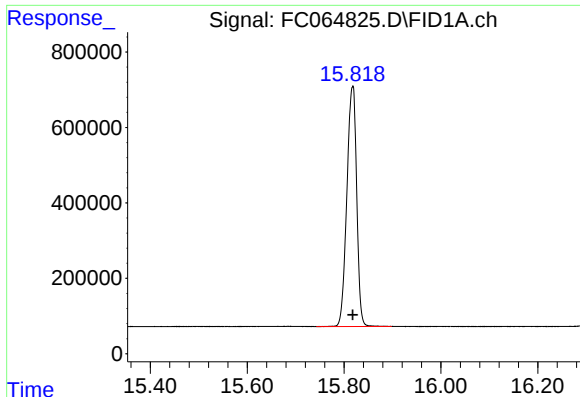
#13 n-Docosane (C22)

R.T.: 13.703 min  
Delta R.T.: 0.000 min  
Response: 9531707  
Conc: 57.85 ug/ml



#14 n-Tetracosane (C24)

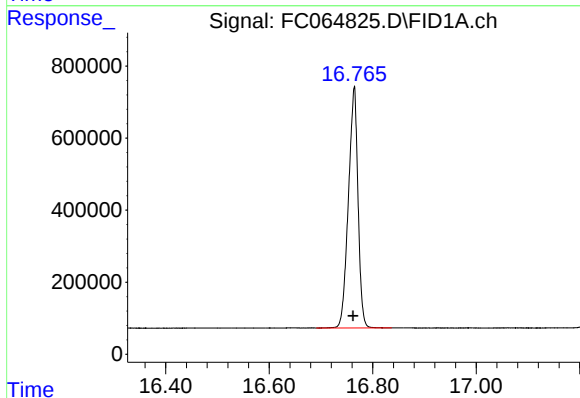
R.T.: 14.803 min  
Delta R.T.: 0.000 min  
Response: 9279822  
Conc: 58.30 ug/ml



#15 n-Hexacosane (C26)

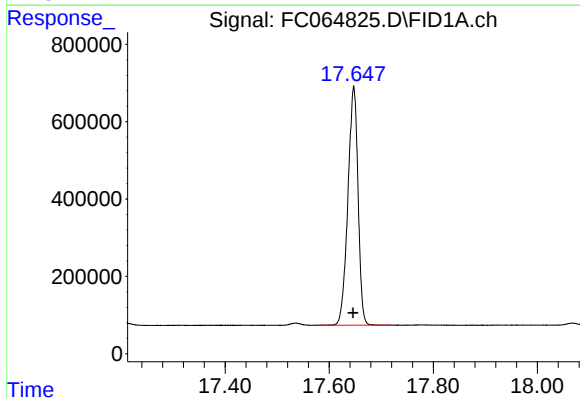
R.T.: 15.818 min  
Delta R.T.: 0.000 min  
Response: 8916272  
Conc: 58.21 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



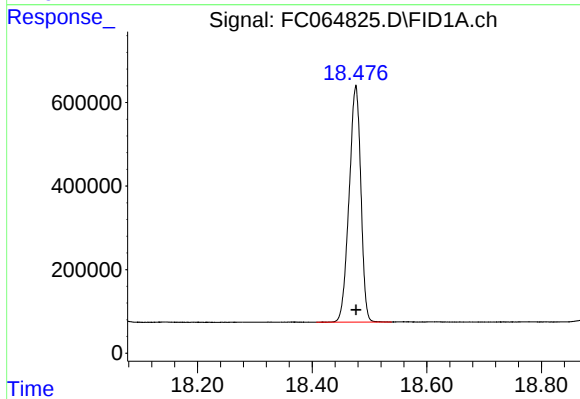
#16 n-Octacosane (C28)

R.T.: 16.764 min  
Delta R.T.: 0.002 min  
Response: 8598888  
Conc: 58.35 ug/ml



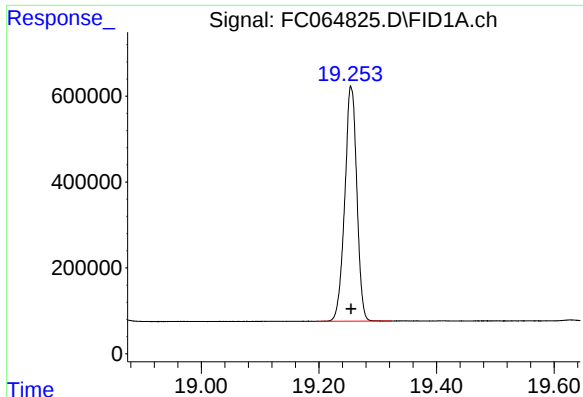
#17 n-Tricontane (C30)

R.T.: 17.647 min  
Delta R.T.: 0.000 min  
Response: 8348804  
Conc: 57.06 ug/ml



#18 n-Dotriacontane (C32)

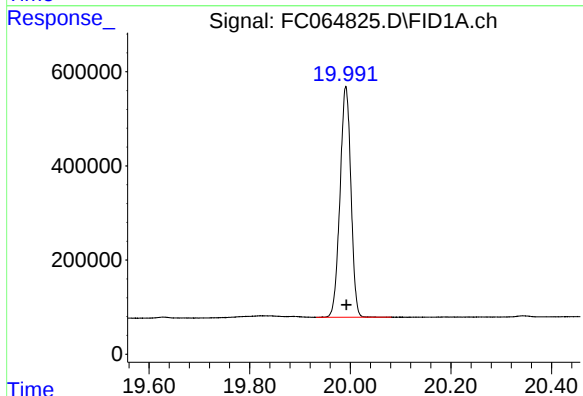
R.T.: 18.476 min  
Delta R.T.: 0.000 min  
Response: 8021378  
Conc: 55.55 ug/ml



#19 n-Tetratriacontane (C34)

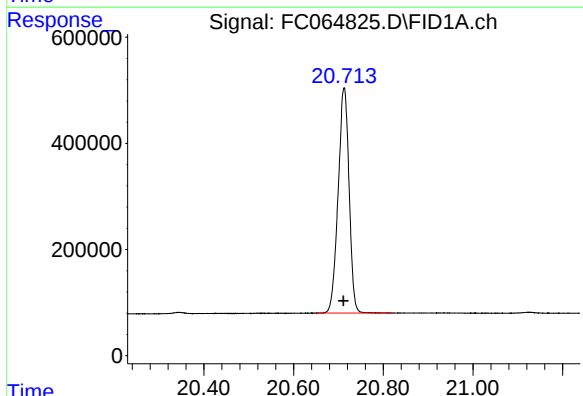
R.T.: 19.255 min  
Delta R.T.: 0.000 min  
Response: 7791842  
Conc: 55.38 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



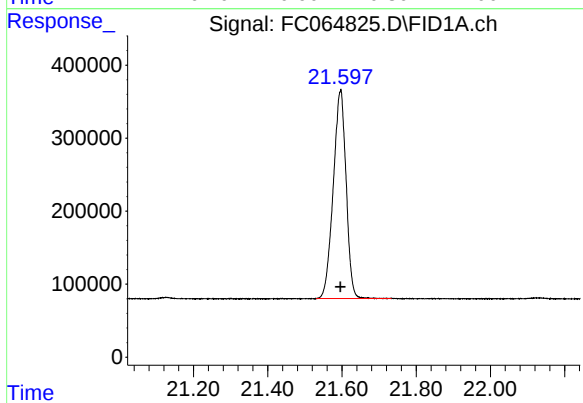
#20 n-Hexatriacontane (C36)

R.T.: 19.991 min  
Delta R.T.: 0.000 min  
Response: 7364636  
Conc: 53.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min  
Delta R.T.: 0.001 min  
Response: 7187341  
Conc: 54.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min  
Delta R.T.: 0.000 min  
Response: 6868421  
Conc: 54.88 ug/ml