

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071823AL\  
 Data File : FC064161.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Jul 2023 11:54  
 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: Jul 19 16:02:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:03:48 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)    | 11.515 | 3938528    | 20.285 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| 12) S 1-chlorooctadecane (S... | 12.950 | 2843978    | 20.441 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 3519350    | 19.733 ug/ml |
| 2) T n-Decane (C10)            | 4.365  | 3563787    | 19.694 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 3653827    | 19.588 ug/ml |
| 4) T n-Dodecane (C12)          | 6.378  | 3554397    | 19.730 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.000  | 3478426    | 19.765 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.169  | 3448365    | 19.934 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 3495179    | 20.121 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 3506069    | 20.343 ug/ml |
| 10) T n-Eicosane (C20)         | 12.508 | 3314134    | 20.301 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.117 | 3229939    | 20.159 ug/ml |
| 13) T n-Docosane (C22)         | 13.702 | 3174469    | 20.202 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.801 | 3125953    | 19.832 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.819 | 3055004    | 20.220 ug/ml |
| 16) T n-Octacosane (C28)       | 16.765 | 3026086    | 20.083 ug/ml |
| 17) T n-Tricontane (C30)       | 17.650 | 3191513    | 20.442 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.479 | 3246439    | 20.550 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.259 | 3180556    | 20.669 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.996 | 3068254    | 20.782 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.719 | 3030488    | 20.459 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.603 | 2974903    | 20.410 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

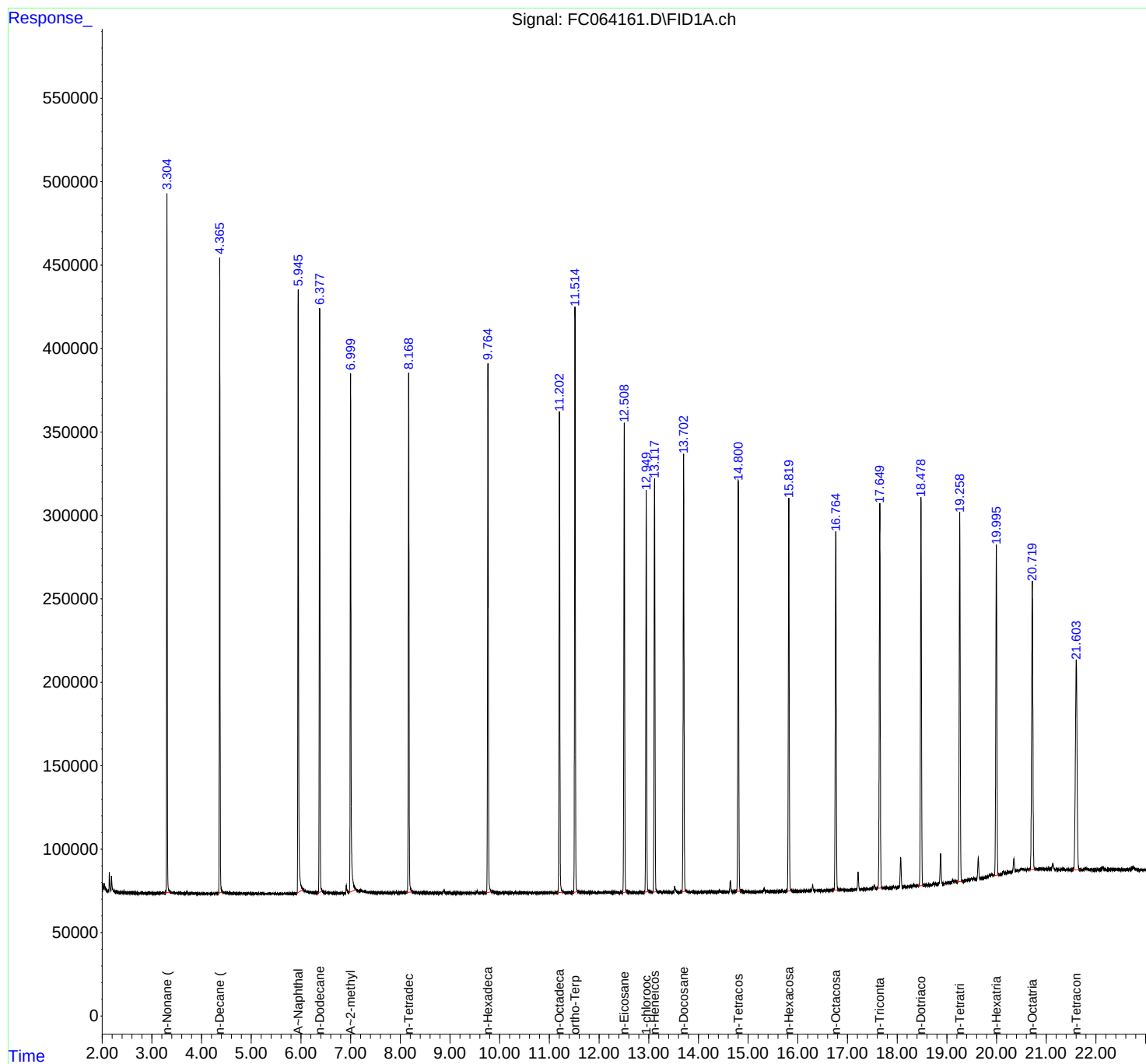
(m)=manual int.

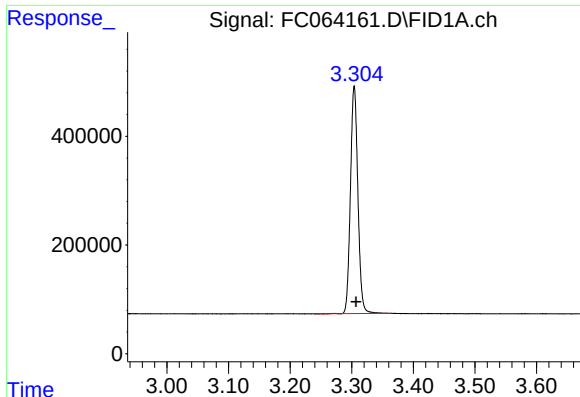
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071823AL\  
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QLast Update : Sun Jun 25 04:03:48 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

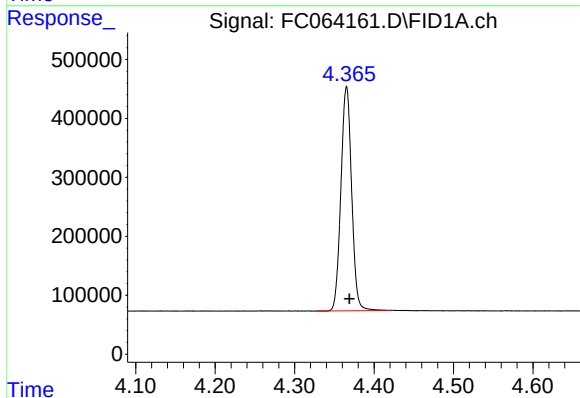




#1 n-Nonane (C9)

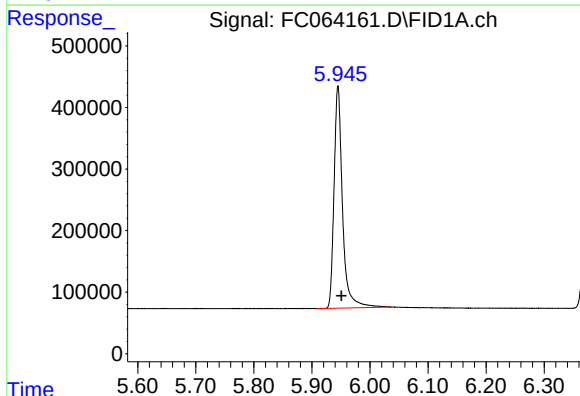
R.T.: 3.304 min  
Delta R.T.: -0.003 min  
Response: 3519350  
Conc: 19.73 ug/ml

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



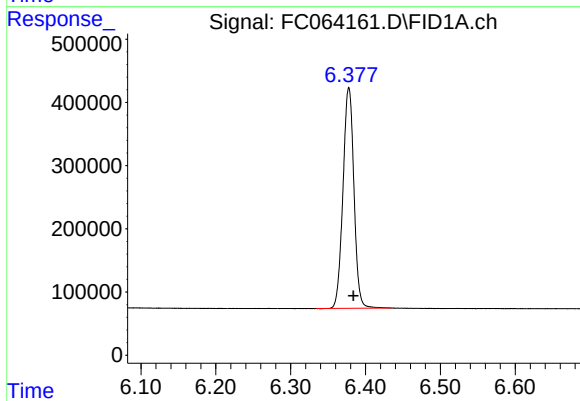
#2 n-Decane (C10)

R.T.: 4.365 min  
Delta R.T.: -0.004 min  
Response: 3563787  
Conc: 19.69 ug/ml



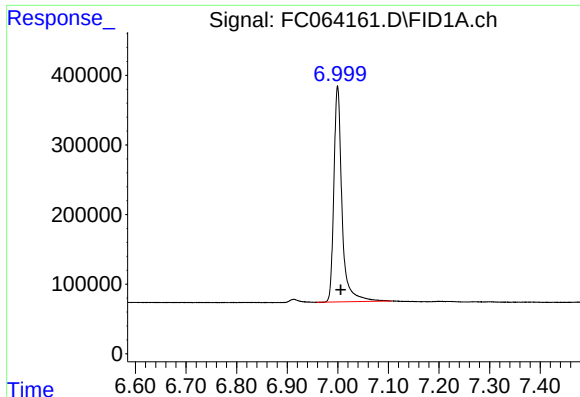
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min  
Delta R.T.: -0.006 min  
Response: 3653827  
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

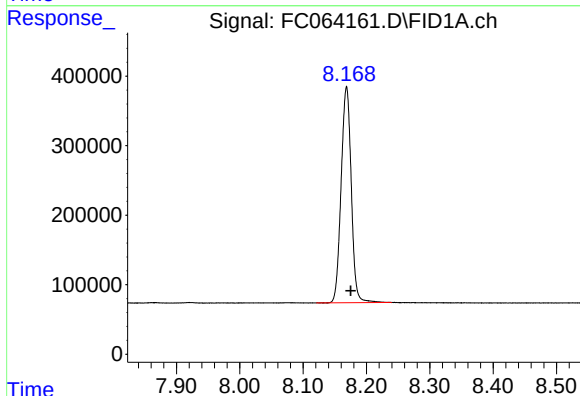
R.T.: 6.378 min  
Delta R.T.: -0.006 min  
Response: 3554397  
Conc: 19.73 ug/ml



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

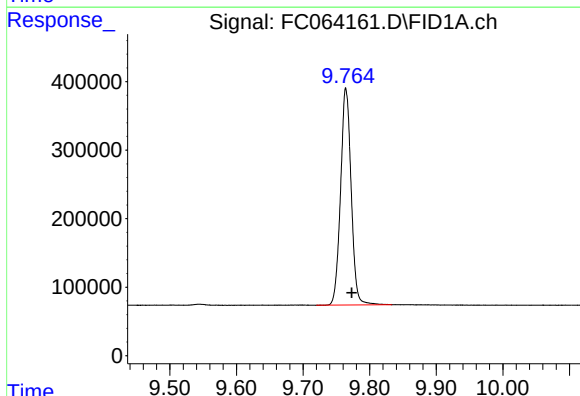
R.T.: 7.000 min  
Delta R.T.: -0.006 min  
Response: 3478426  
Conc: 19.76 ug/ml

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



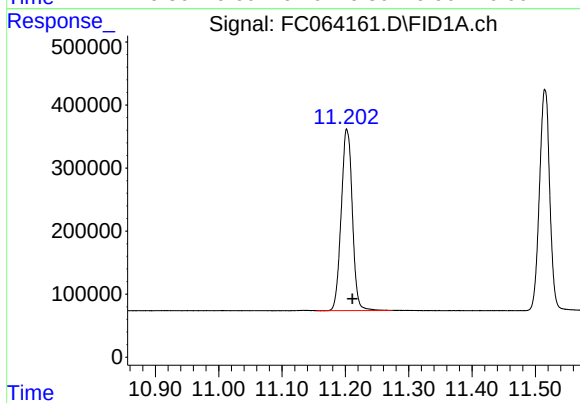
#6 n-Tetradecane (C14)

R.T.: 8.169 min  
Delta R.T.: -0.007 min  
Response: 3448365  
Conc: 19.93 ug/ml



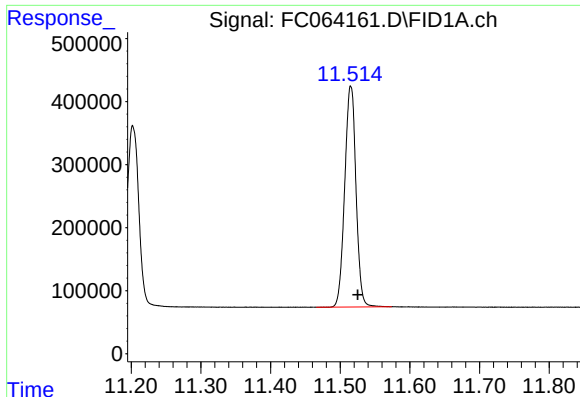
#7 n-Hexadecane (C16)

R.T.: 9.764 min  
Delta R.T.: -0.009 min  
Response: 3495179  
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

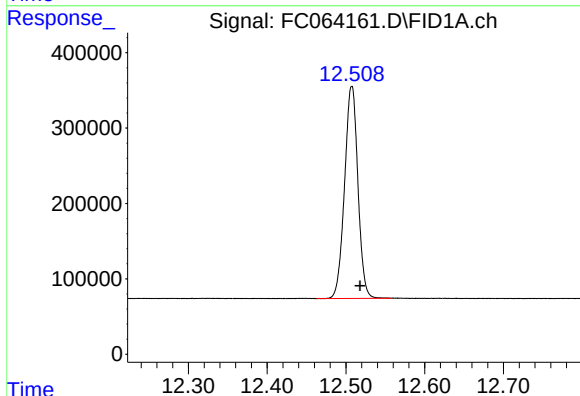
R.T.: 11.202 min  
Delta R.T.: -0.009 min  
Response: 3506069  
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

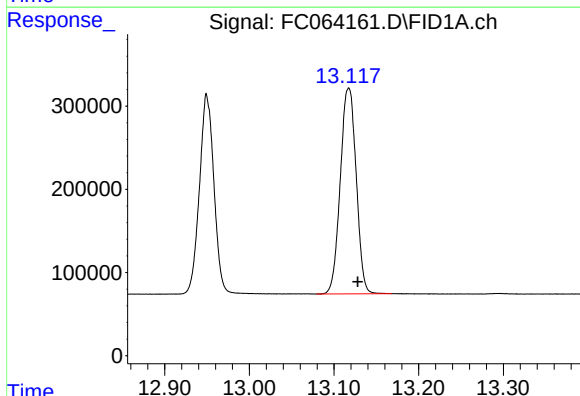
R.T.: 11.515 min  
Delta R.T.: -0.010 min  
Response: 3938528  
Conc: 20.28 ug/ml

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



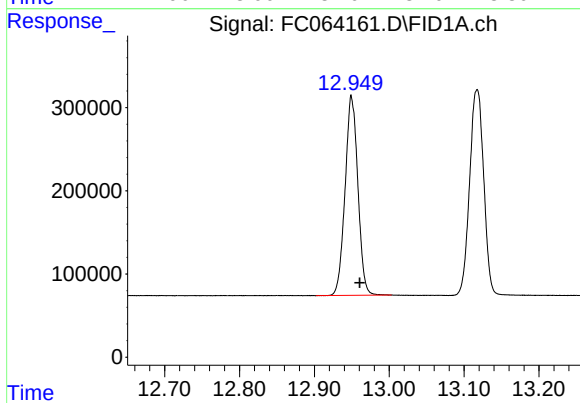
#10 n-Eicosane (C20)

R.T.: 12.508 min  
Delta R.T.: -0.011 min  
Response: 3314134  
Conc: 20.30 ug/ml



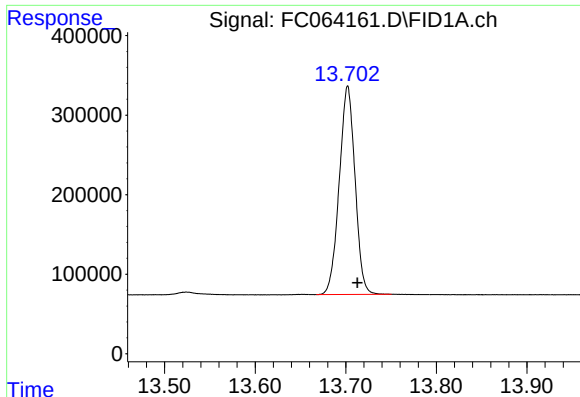
#11 n-Heneicosane (C21)

R.T.: 13.117 min  
Delta R.T.: -0.011 min  
Response: 3229939  
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

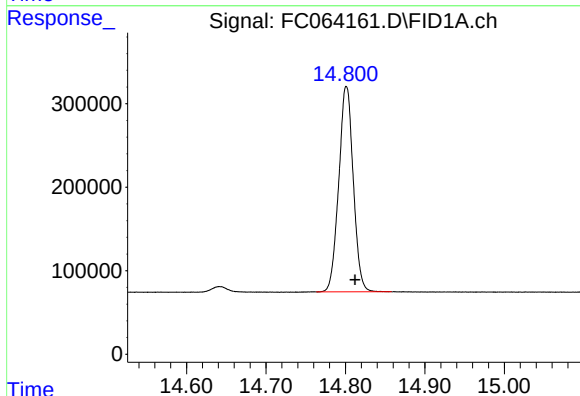
R.T.: 12.950 min  
Delta R.T.: -0.011 min  
Response: 2843978  
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

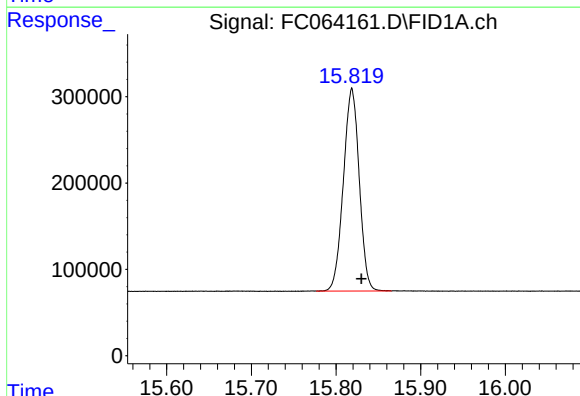
R.T.: 13.702 min  
Delta R.T.: -0.011 min  
Response: 3174469  
Conc: 20.20 ug/ml

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



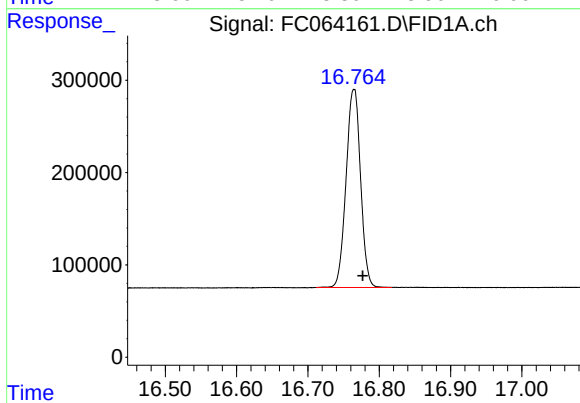
#14 n-Tetracosane (C24)

R.T.: 14.801 min  
Delta R.T.: -0.011 min  
Response: 3125953  
Conc: 19.83 ug/ml



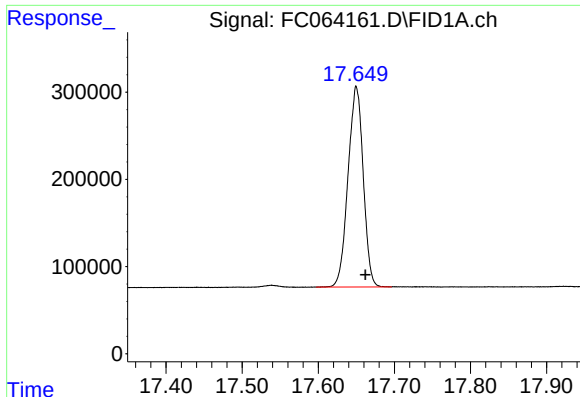
#15 n-Hexacosane (C26)

R.T.: 15.819 min  
Delta R.T.: -0.011 min  
Response: 3055004  
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

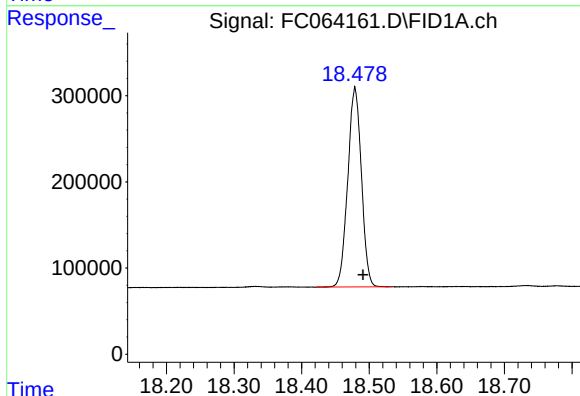
R.T.: 16.765 min  
Delta R.T.: -0.012 min  
Response: 3026086  
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

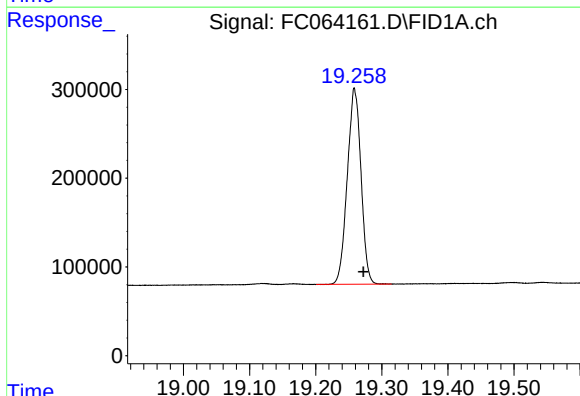
R.T.: 17.650 min  
Delta R.T.: -0.012 min  
Response: 3191513  
Conc: 20.44 ug/ml

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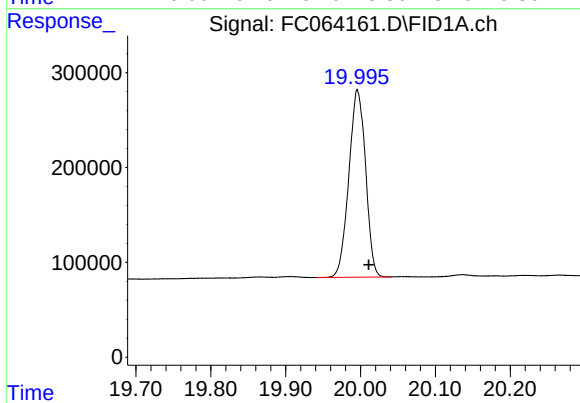
#18 n-Dotriacontane (C32)

R.T.: 18.479 min  
Delta R.T.: -0.012 min  
Response: 3246439  
Conc: 20.55 ug/ml



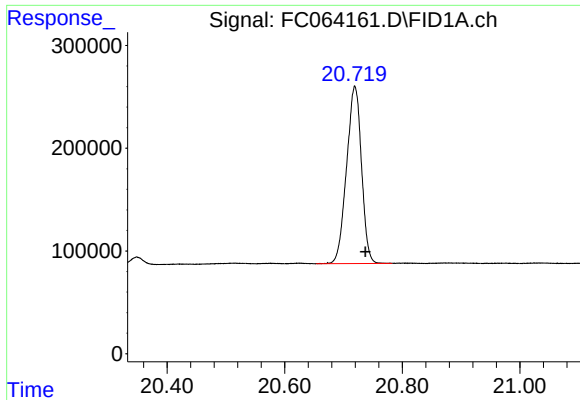
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min  
Delta R.T.: -0.014 min  
Response: 3180556  
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

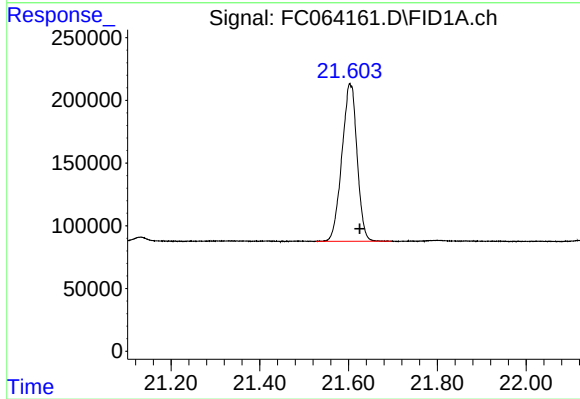
R.T.: 19.996 min  
Delta R.T.: -0.015 min  
Response: 3068254  
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: -0.018 min  
Response: 3030488  
Conc: 20.46 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.603 min  
Delta R.T.: -0.023 min  
Response: 2974903  
Conc: 20.41 ug/ml