

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072223AL\  
 Data File : FC064235.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jul 2023 00:01  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 24 05:17:21 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 | 3951857    | 20.353 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.71%       |
| 12) S 1-chlorooctadecane (S... | 12.950 | 2829877    | 20.340 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 3479346    | 19.508 ug/ml |
| 2) T n-Decane (C10)            | 4.365  | 3566905    | 19.712 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.944  | 3643610    | 19.534 ug/ml |
| 4) T n-Dodecane (C12)          | 6.376  | 3559081    | 19.756 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.999  | 3417428    | 19.418 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.168  | 3460107    | 20.002 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 3495097    | 20.120 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 3537638    | 20.526 ug/ml |
| 10) T n-Eicosane (C20)         | 12.506 | 3326781    | 20.379 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.117 | 3244568    | 20.250 ug/ml |
| 13) T n-Docosane (C22)         | 13.701 | 3224713    | 20.522 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.800 | 3175195    | 20.144 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.817 | 3141201    | 20.791 ug/ml |
| 16) T n-Octacosane (C28)       | 16.765 | 3162847    | 20.990 ug/ml |
| 17) T n-Tricontane (C30)       | 17.649 | 3399731    | 21.775 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.479 | 3467679    | 21.950 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.259 | 3319844    | 21.574 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.994 | 3146958    | 21.315 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.717 | 3062117    | 20.672 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.601 | 2973327    | 20.399 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

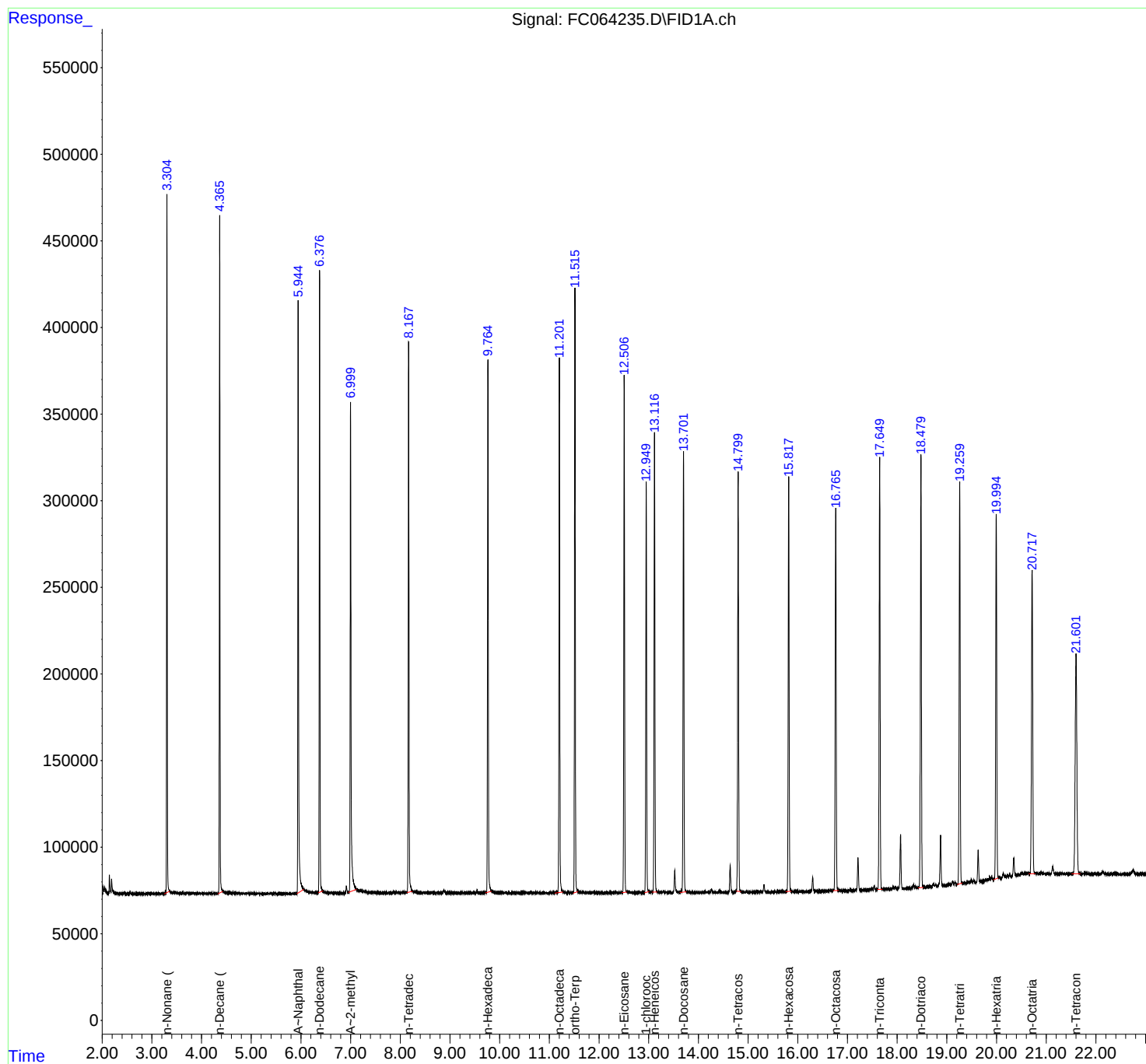
(m)=manual int.

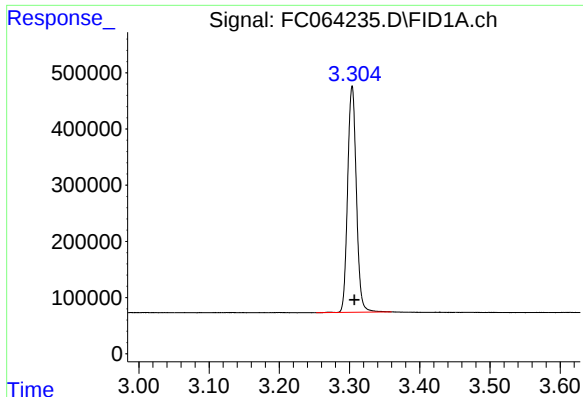
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072223AL\  
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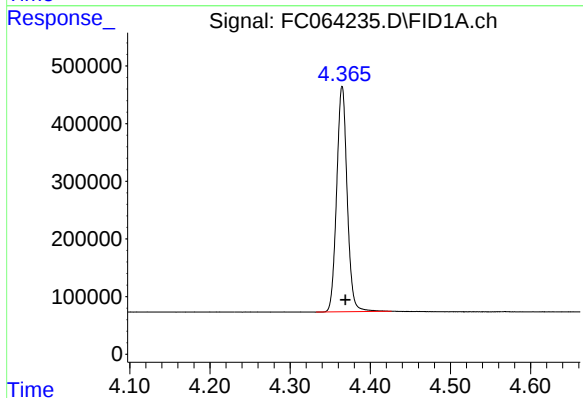




#1 n-Nonane (C9)

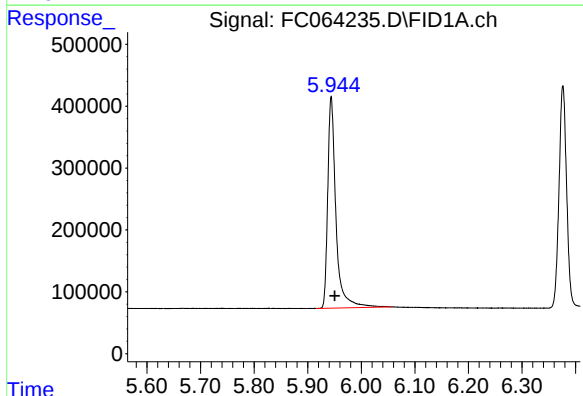
R.T.: 3.304 min  
Delta R.T.: -0.003 min  
Response: 3479346  
Conc: 19.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



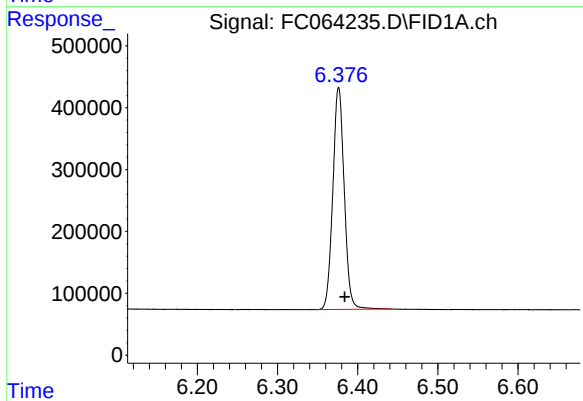
#2 n-Decane (C10)

R.T.: 4.365 min  
Delta R.T.: -0.004 min  
Response: 3566905  
Conc: 19.71 ug/ml



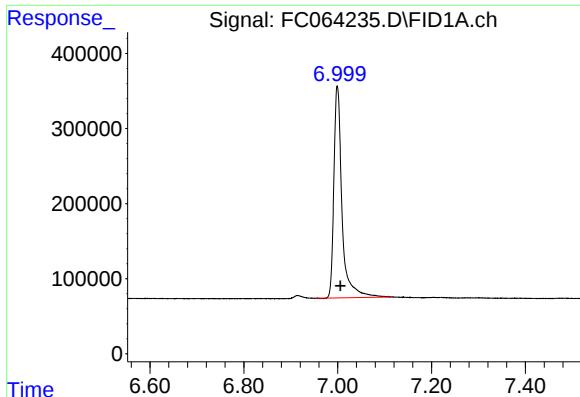
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min  
Delta R.T.: -0.007 min  
Response: 3643610  
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

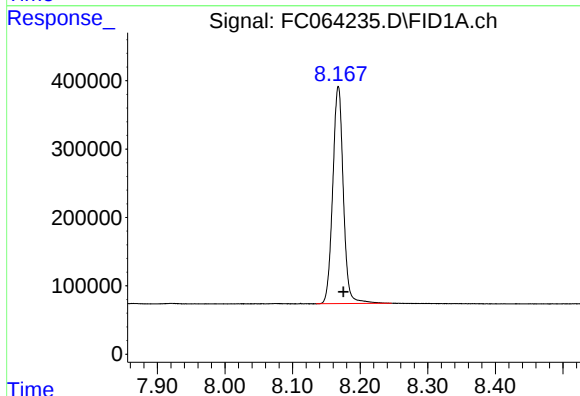
R.T.: 6.376 min  
Delta R.T.: -0.007 min  
Response: 3559081  
Conc: 19.76 ug/ml



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

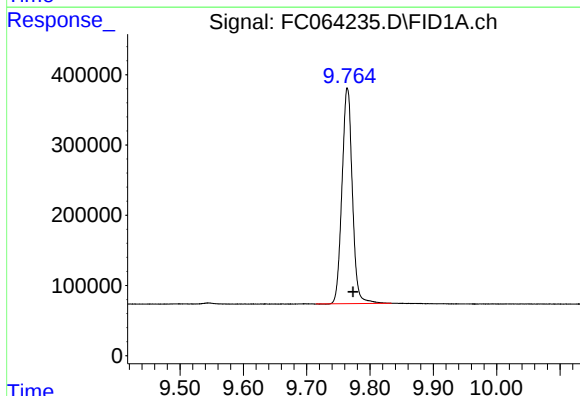
R.T.: 6.999 min  
Delta R.T.: -0.007 min  
Response: 3417428  
Conc: 19.42 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



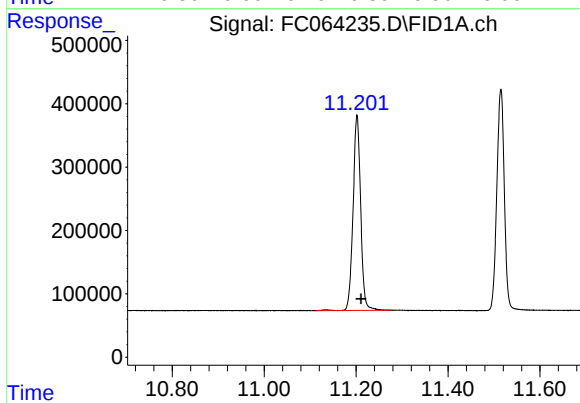
#6 n-Tetradecane (C14)

R.T.: 8.168 min  
Delta R.T.: -0.008 min  
Response: 3460107  
Conc: 20.00 ug/ml



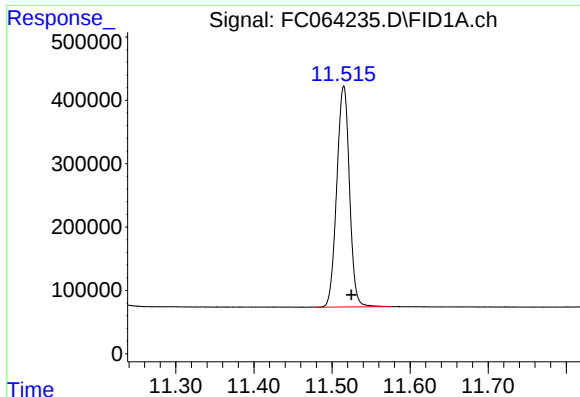
#7 n-Hexadecane (C16)

R.T.: 9.764 min  
Delta R.T.: -0.009 min  
Response: 3495097  
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

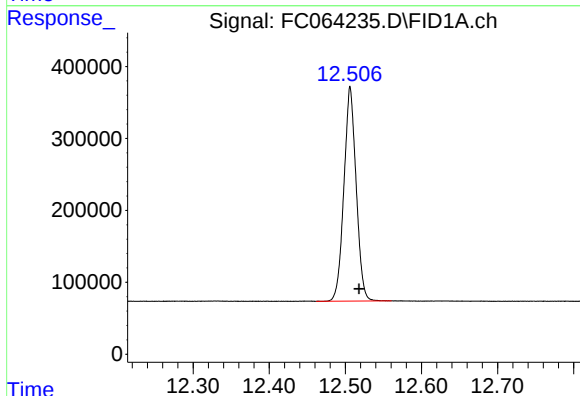
R.T.: 11.202 min  
Delta R.T.: -0.009 min  
Response: 3537638  
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

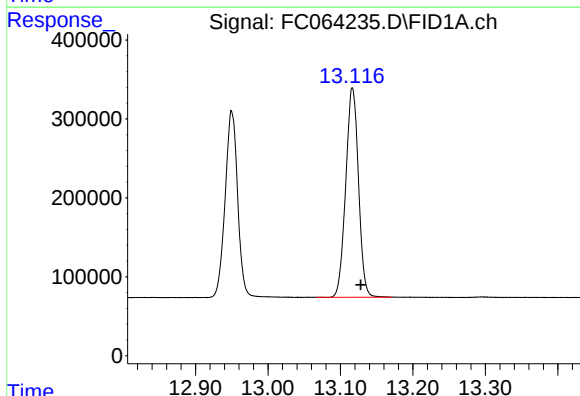
R.T.: 11.515 min  
Delta R.T.: -0.010 min  
Response: 3951857  
Conc: 20.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



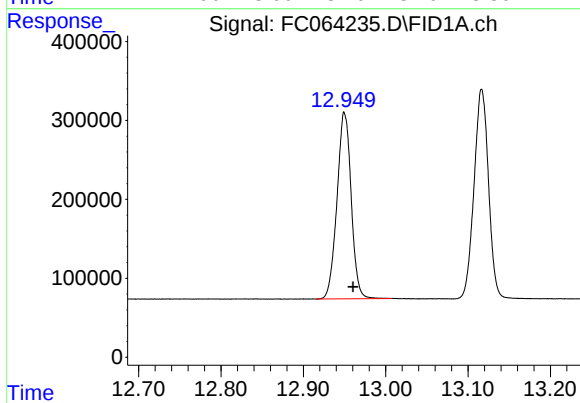
#10 n-Eicosane (C20)

R.T.: 12.506 min  
Delta R.T.: -0.012 min  
Response: 3326781  
Conc: 20.38 ug/ml



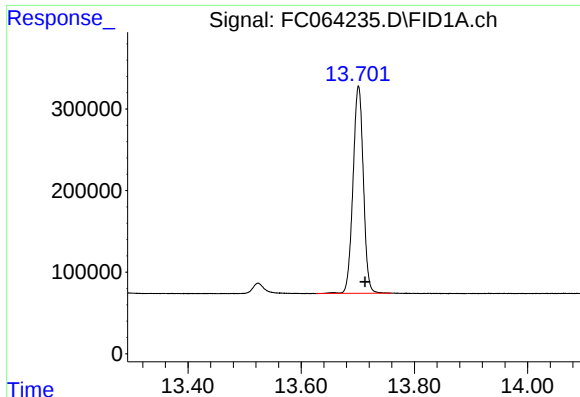
#11 n-Heneicosane (C21)

R.T.: 13.117 min  
Delta R.T.: -0.011 min  
Response: 3244568  
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

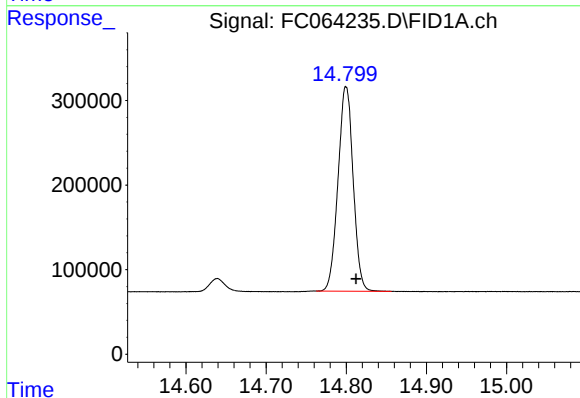
R.T.: 12.950 min  
Delta R.T.: -0.011 min  
Response: 2829877  
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

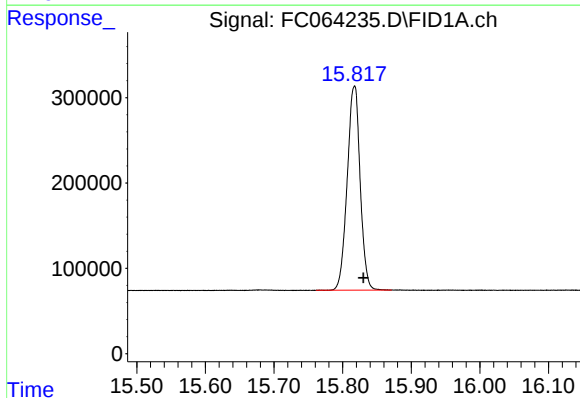
R.T.: 13.701 min  
Delta R.T.: -0.011 min  
Response: 3224713  
Conc: 20.52 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



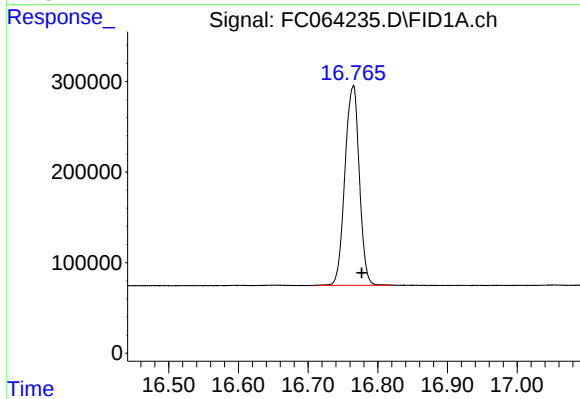
#14 n-Tetracosane (C24)

R.T.: 14.800 min  
Delta R.T.: -0.013 min  
Response: 3175195  
Conc: 20.14 ug/ml



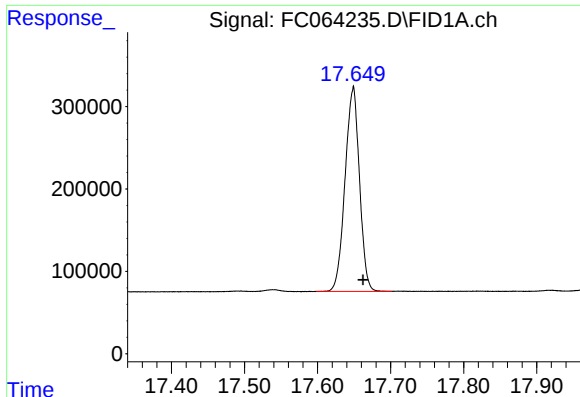
#15 n-Hexacosane (C26)

R.T.: 15.817 min  
Delta R.T.: -0.013 min  
Response: 3141201  
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

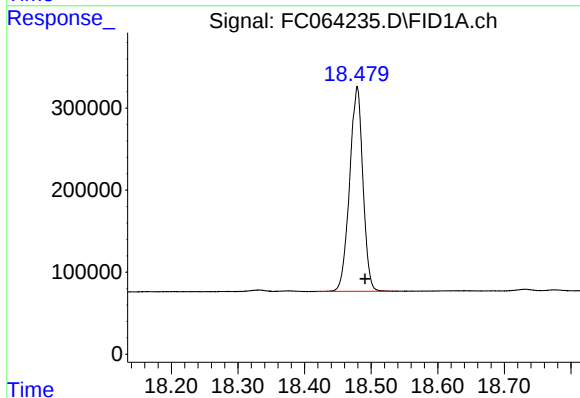
R.T.: 16.765 min  
Delta R.T.: -0.012 min  
Response: 3162847  
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

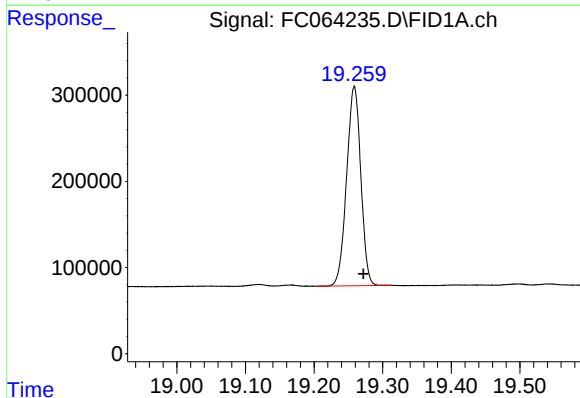
R.T.: 17.649 min  
Delta R.T.: -0.013 min  
Response: 3399731  
Conc: 21.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



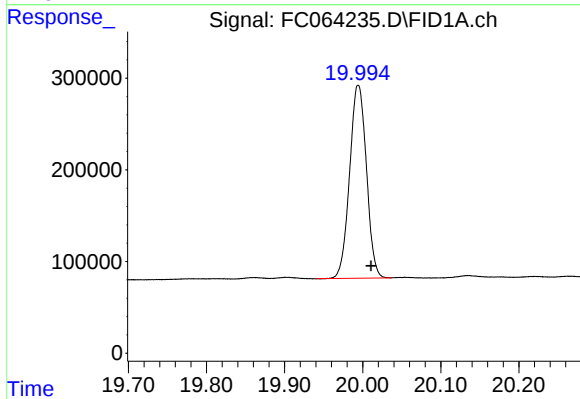
#18 n-Dotriacontane (C32)

R.T.: 18.479 min  
Delta R.T.: -0.012 min  
Response: 3467679  
Conc: 21.95 ug/ml



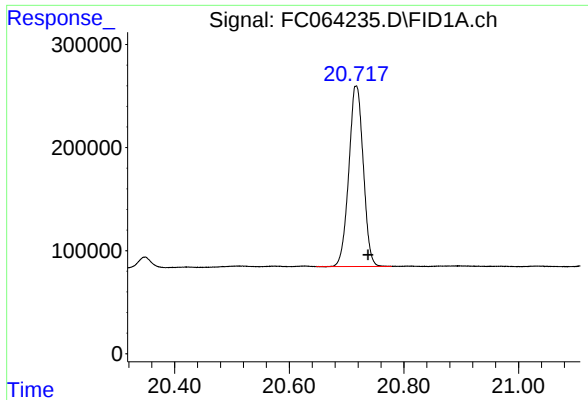
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min  
Delta R.T.: -0.014 min  
Response: 3319844  
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

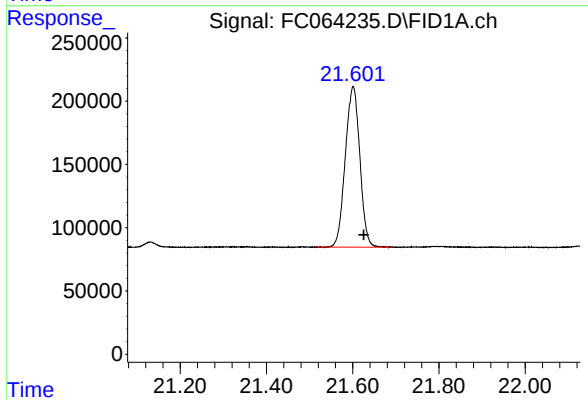
R.T.: 19.994 min  
Delta R.T.: -0.016 min  
Response: 3146958  
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min  
Delta R.T.: -0.021 min  
Response: 3062117  
Conc: 20.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.601 min  
Delta R.T.: -0.024 min  
Response: 2973327  
Conc: 20.40 ug/ml