

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
 Data File : FC068739.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2025 19:36  
 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: May 02 03:34:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 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)    | 11.714 | 2336644    | 18.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.70%       |
| 12) S 1-chlorooctadecane (S... | 13.147 | 1661837    | 17.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.443  | 2004924    | 19.036 ug/ml |
| 2) T n-Decane (C10)            | 4.519  | 2008063    | 19.059 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.117  | 2211675    | 18.991 ug/ml |
| 4) T n-Dodecane (C12)          | 6.544  | 1967965    | 18.713 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.175  | 2179964    | 18.875 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.342  | 1885318    | 18.339 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.946  | 1840665    | 18.074 ug/ml |
| 8) T n-Octadecane (C18)        | 11.390 | 1811102    | 17.997 ug/ml |
| 10) T n-Eicosane (C20)         | 12.701 | 1756256    | 17.855 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.314 | 1740380    | 17.858 ug/ml |
| 13) T n-Docosane (C22)         | 13.901 | 1734445    | 17.956 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.005 | 1726210    | 18.135 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 1726782    | 18.487 ug/ml |
| 16) T n-Octacosane (C28)       | 16.980 | 1765068    | 19.278 ug/ml |
| 17) T n-Tricontane (C30)       | 17.869 | 1883155    | 20.484 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.702 | 1953120    | 21.292 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.487 | 1904087    | 21.313 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.229 | 1911386    | 21.337 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.005 | 1884044    | 21.310 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.985 | 1873116    | 21.212 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

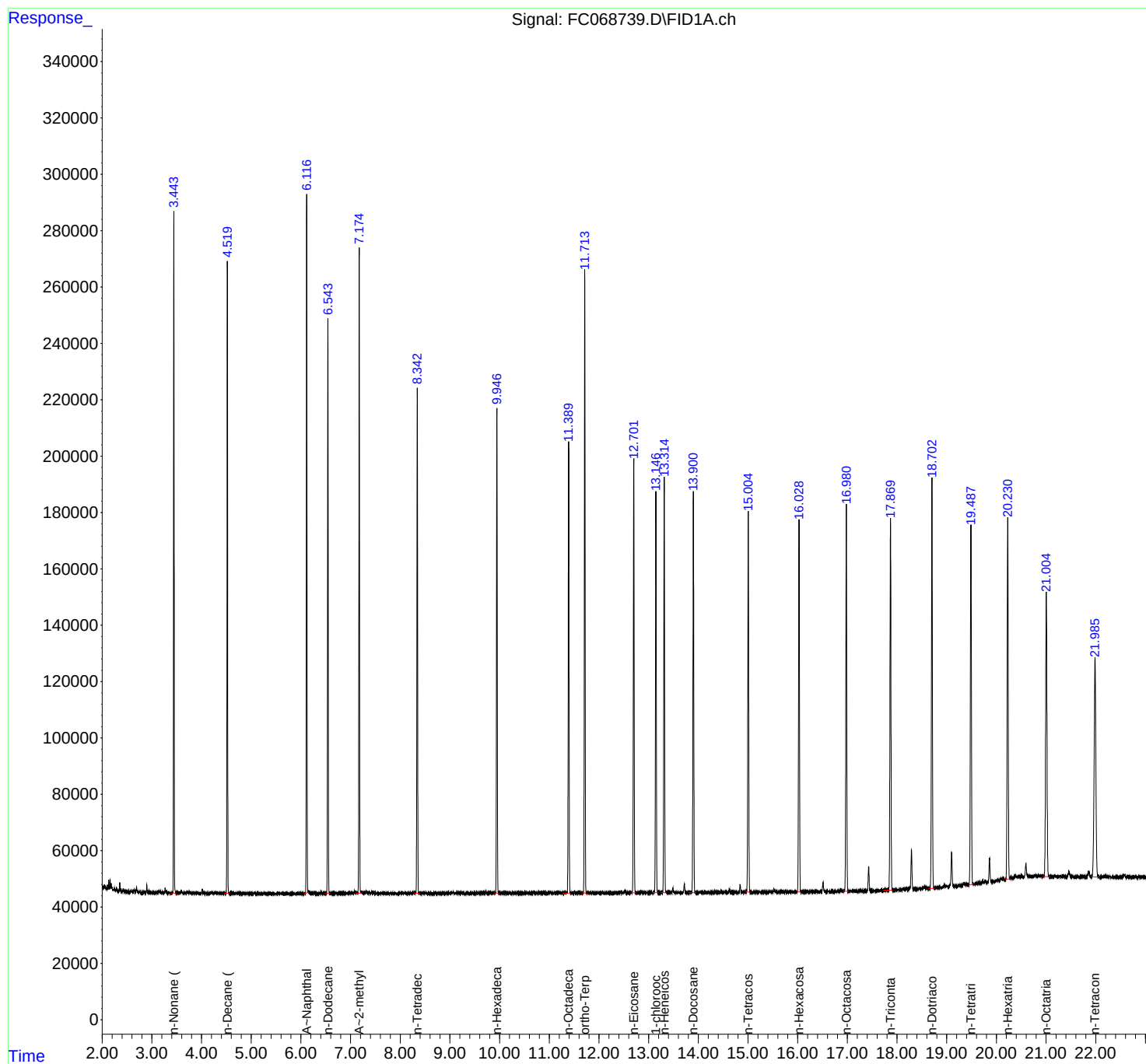
(m)=manual int.

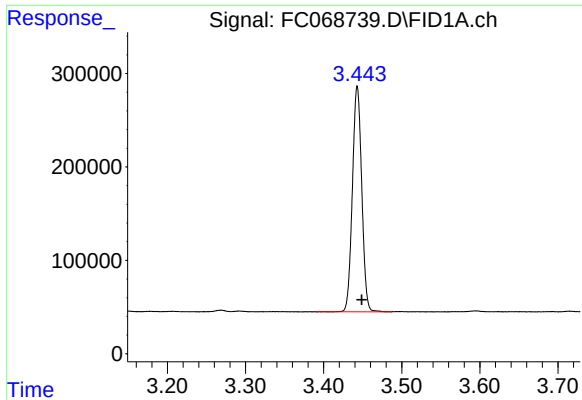
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050125AL\  
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Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
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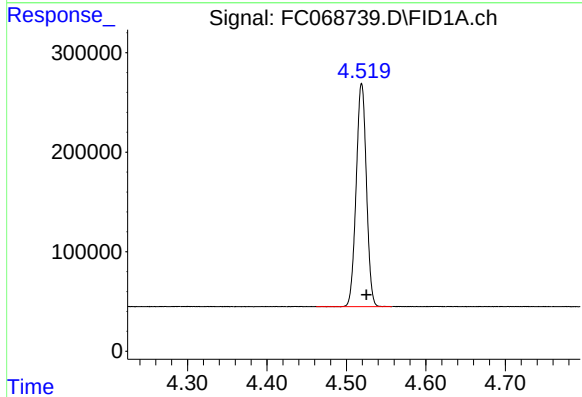




#1 n-Nonane (C9)

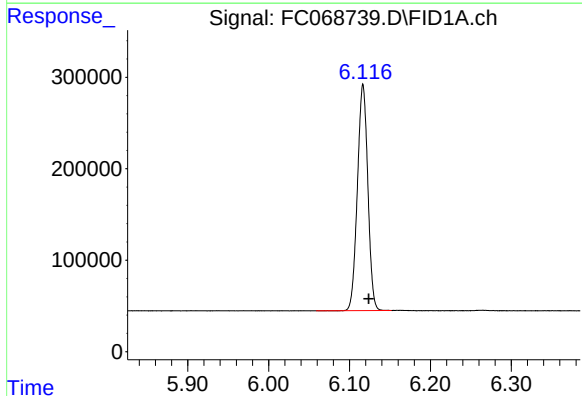
R.T.: 3.443 min  
Delta R.T.: -0.006 min  
Response: 2004924  
Conc: 19.04 ug/ml

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



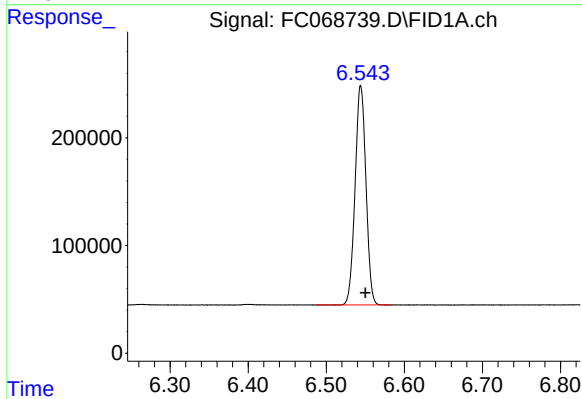
#2 n-Decane (C10)

R.T.: 4.519 min  
Delta R.T.: -0.006 min  
Response: 2008063  
Conc: 19.06 ug/ml



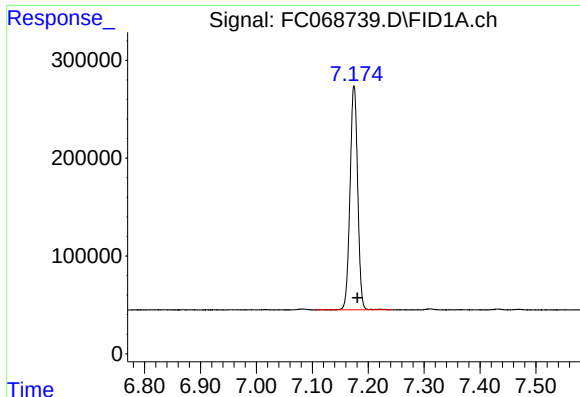
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min  
Delta R.T.: -0.007 min  
Response: 2211675  
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

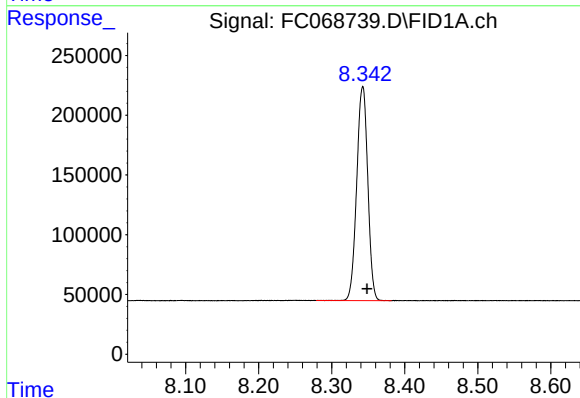
R.T.: 6.544 min  
Delta R.T.: -0.006 min  
Response: 1967965  
Conc: 18.71 ug/ml



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

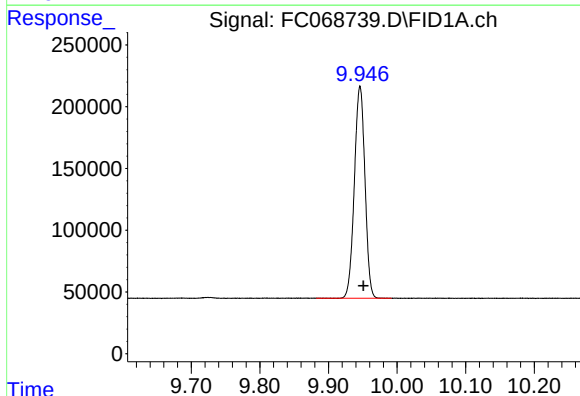
R.T.: 7.175 min  
Delta R.T.: -0.006 min  
Response: 2179964  
Conc: 18.87 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



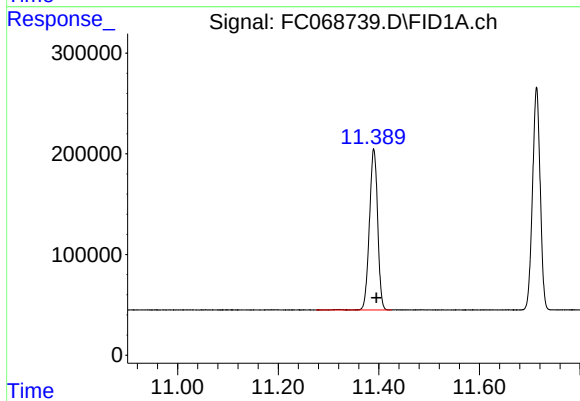
#6 n-Tetradecane (C14)

R.T.: 8.342 min  
Delta R.T.: -0.006 min  
Response: 1885318  
Conc: 18.34 ug/ml



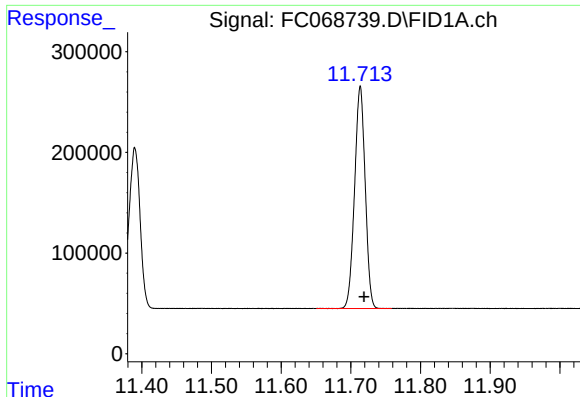
#7 n-Hexadecane (C16)

R.T.: 9.946 min  
Delta R.T.: -0.005 min  
Response: 1840665  
Conc: 18.07 ug/ml



#8 n-Octadecane (C18)

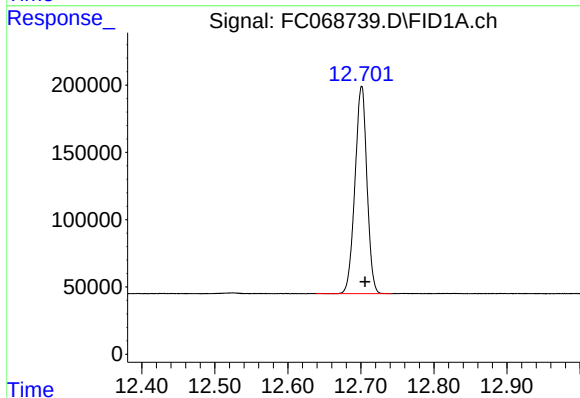
R.T.: 11.390 min  
Delta R.T.: -0.005 min  
Response: 1811102  
Conc: 18.00 ug/ml



#9 ortho-Terphenyl (SURR)

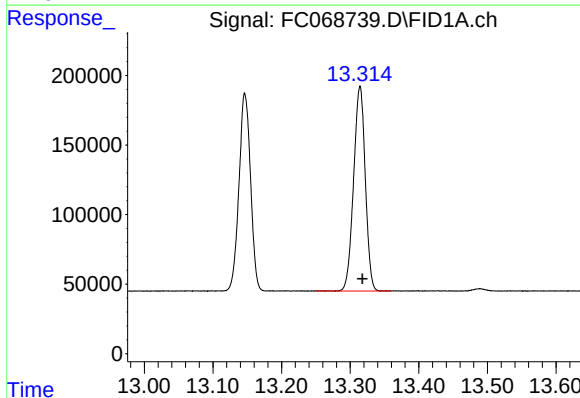
R.T.: 11.714 min  
Delta R.T.: -0.005 min  
Response: 2336644  
Conc: 18.35 ug/ml

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



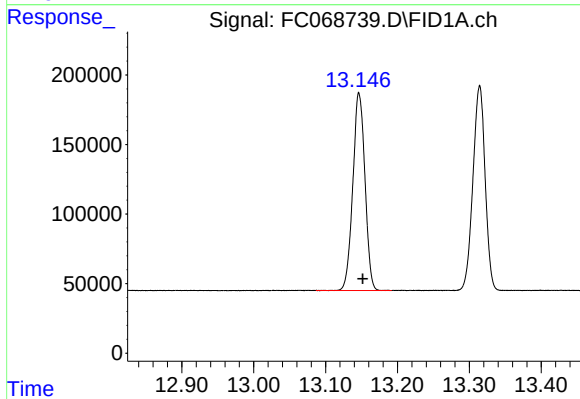
#10 n-Eicosane (C20)

R.T.: 12.701 min  
Delta R.T.: -0.005 min  
Response: 1756256  
Conc: 17.86 ug/ml



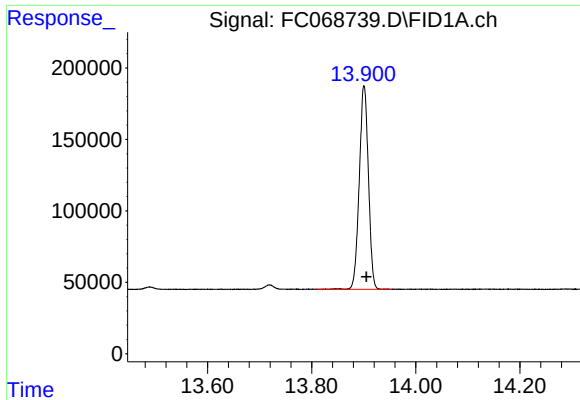
#11 n-Heneicosane (C21)

R.T.: 13.314 min  
Delta R.T.: -0.004 min  
Response: 1740380  
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

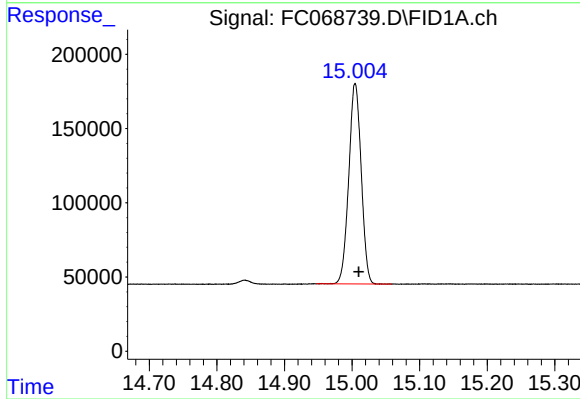
R.T.: 13.147 min  
Delta R.T.: -0.005 min  
Response: 1661837  
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

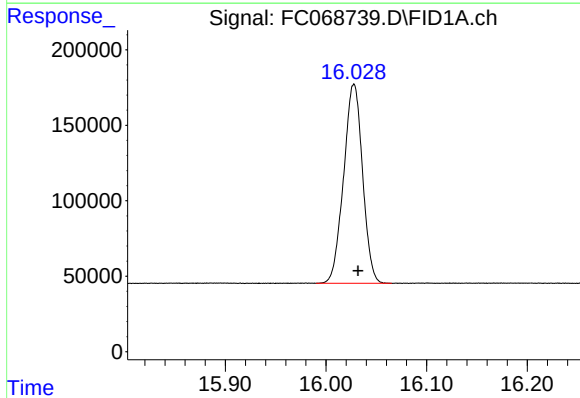
R.T.: 13.901 min  
Delta R.T.: -0.004 min  
Response: 1734445  
Conc: 17.96 ug/ml

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



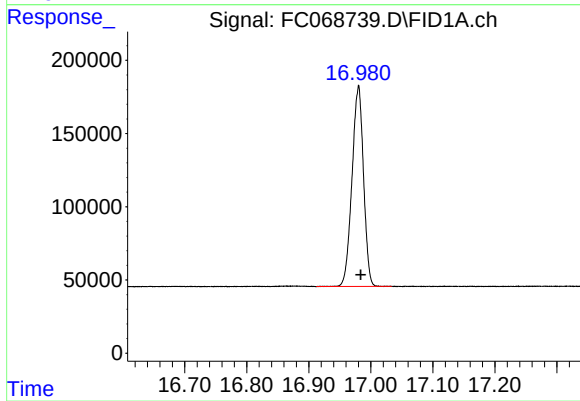
#14 n-Tetracosane (C24)

R.T.: 15.005 min  
Delta R.T.: -0.005 min  
Response: 1726210  
Conc: 18.14 ug/ml



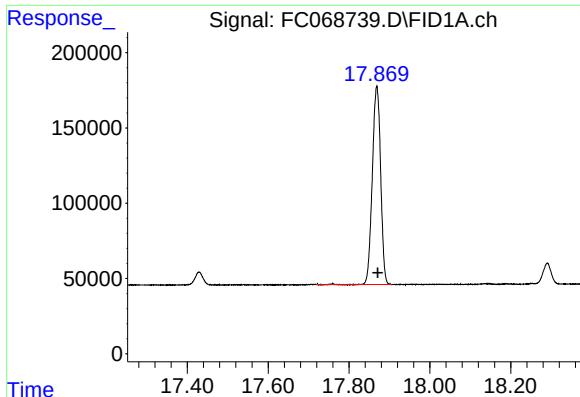
#15 n-Hexacosane (C26)

R.T.: 16.028 min  
Delta R.T.: -0.004 min  
Response: 1726782  
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

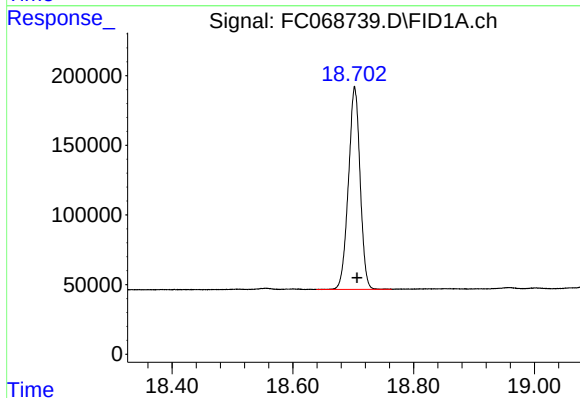
R.T.: 16.980 min  
Delta R.T.: -0.004 min  
Response: 1765068  
Conc: 19.28 ug/ml



#17 n-Tricontane (C30)

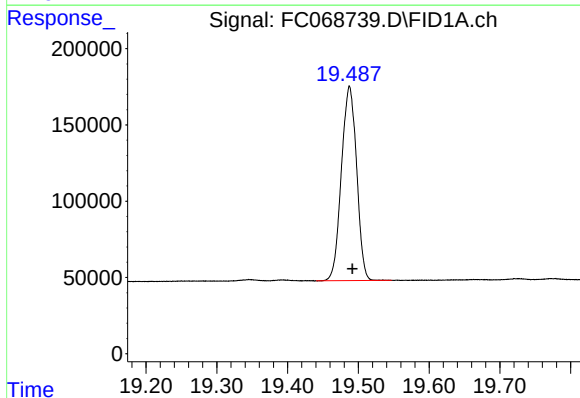
R.T.: 17.869 min  
Delta R.T.: -0.003 min  
Response: 1883155  
Conc: 20.48 ug/ml

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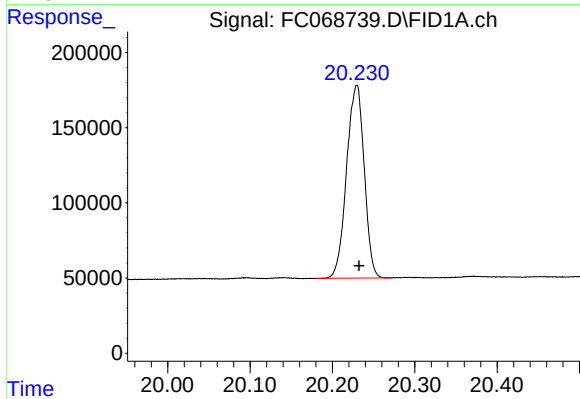
#18 n-Dotriacontane (C32)

R.T.: 18.702 min  
Delta R.T.: -0.004 min  
Response: 1953120  
Conc: 21.29 ug/ml



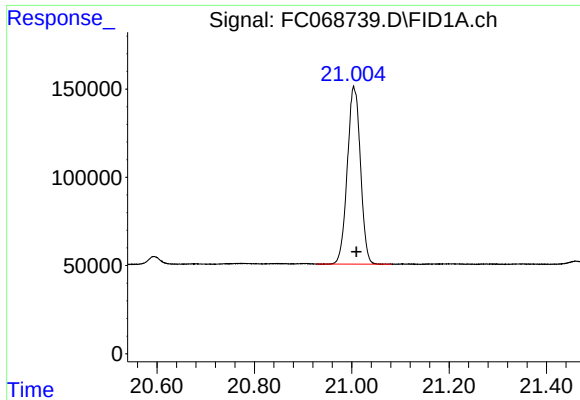
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min  
Delta R.T.: -0.004 min  
Response: 1904087  
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

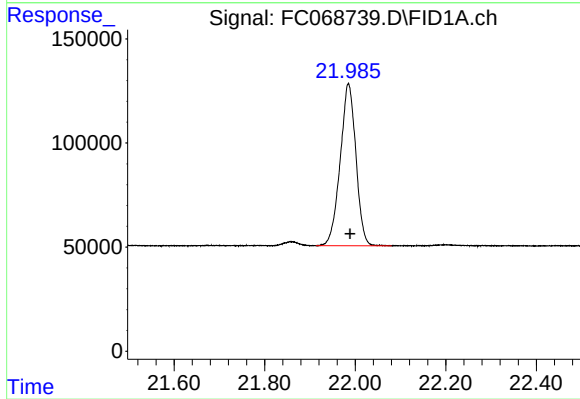
R.T.: 20.229 min  
Delta R.T.: -0.003 min  
Response: 1911386  
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min  
Delta R.T.: -0.005 min  
Response: 1884044  
Conc: 21.31 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.985 min  
Delta R.T.: -0.004 min  
Response: 1873116  
Conc: 21.21 ug/ml