

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052325AL\  
 Data File : FC068990.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 May 2025 08:31  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 24 02:42:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 07 08:52:03 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

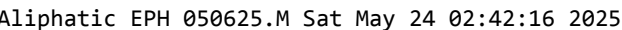
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.707 | 2129672    | 18.659 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.32%       |
| 12) S 1-chlorooctadecane (S... | 13.139 | 1537035    | 19.159 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.440  | 1779162    | 17.689 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 1793704    | 18.002 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.112  | 1967498    | 17.844 ug/ml |
| 4) T n-Dodecane (C12)          | 6.540  | 1783812    | 18.356 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.170  | 1938708    | 18.063 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.337  | 1745449    | 18.885 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.940  | 1732344    | 19.346 ug/ml |
| 8) T n-Octadecane (C18)        | 11.383 | 1717761    | 19.583 ug/ml |
| 10) T n-Eicosane (C20)         | 12.694 | 1672615    | 19.627 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.306 | 1656959    | 19.645 ug/ml |
| 13) T n-Docosane (C22)         | 13.892 | 1650527    | 19.729 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.997 | 1637991    | 19.686 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.018 | 1622507    | 19.583 ug/ml |
| 16) T n-Octacosane (C28)       | 16.969 | 1645091    | 19.905 ug/ml |
| 17) T n-Tricontane (C30)       | 17.857 | 1741946    | 20.587 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.691 | 1789191    | 20.772 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.476 | 1708669    | 20.055 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.216 | 1643460    | 19.121 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.988 | 1552057    | 18.502 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.964 | 1467716    | 17.909 ug/ml |
| -----                          |        |            |              |

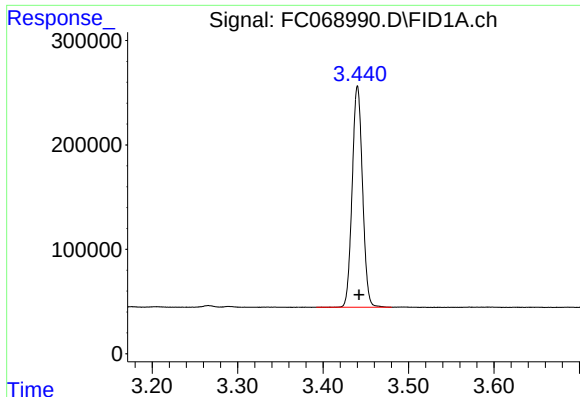
(f)=RT Delta > 1/2 Window

(m)=manual int.

**Instrument :**  
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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

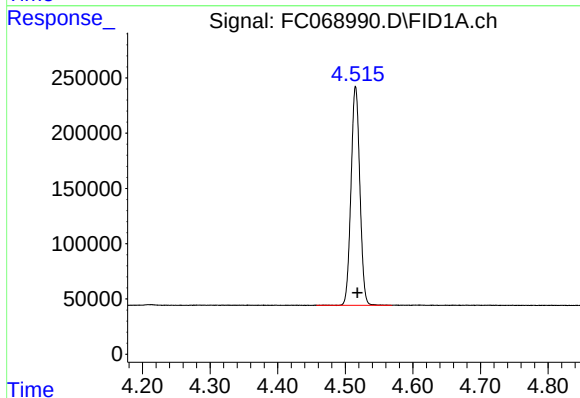




#1 n-Nonane (C9)

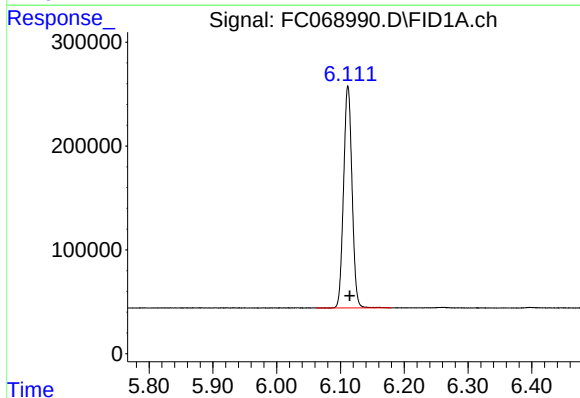
R.T.: 3.440 min  
Delta R.T.: -0.002 min  
Response: 1779162  
Conc: 17.69 ug/ml

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



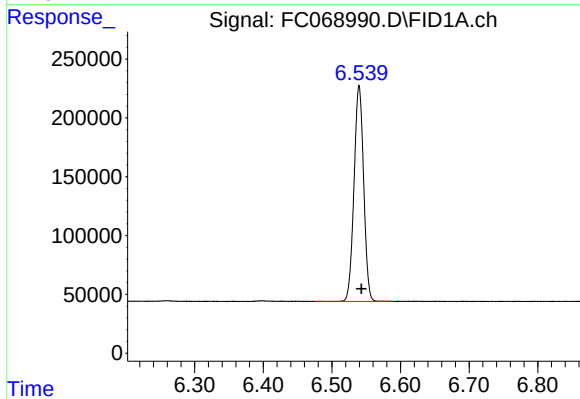
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: -0.002 min  
Response: 1793704  
Conc: 18.00 ug/ml



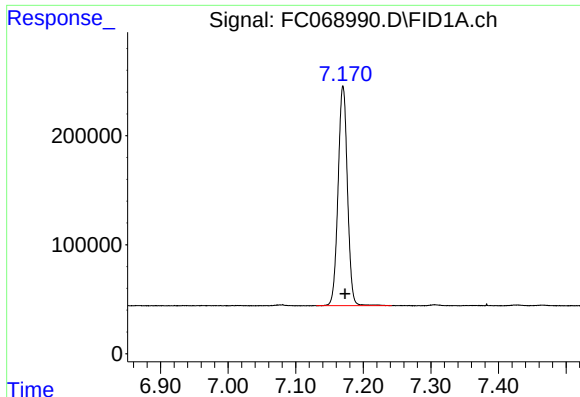
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 1967498  
Conc: 17.84 ug/ml



#4 n-Dodecane (C12)

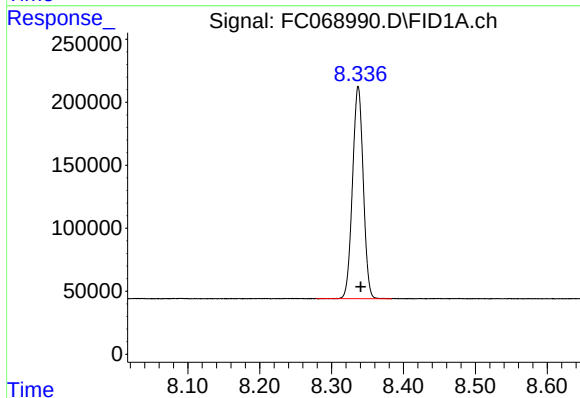
R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 1783812  
Conc: 18.36 ug/ml



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

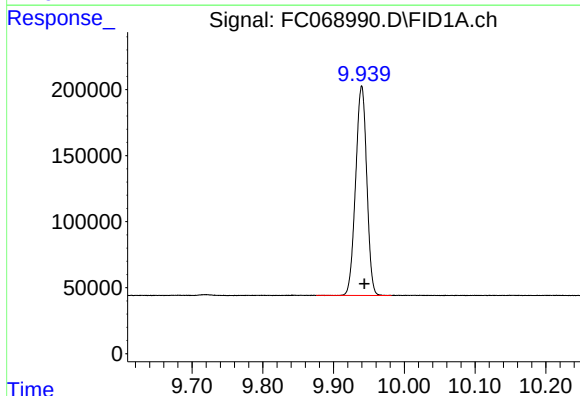
R.T.: 7.170 min  
Delta R.T.: -0.003 min  
Response: 1938708  
Conc: 18.06 ug/ml

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



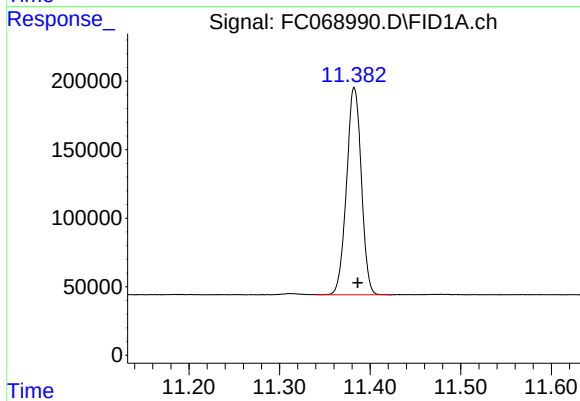
#6 n-Tetradecane (C14)

R.T.: 8.337 min  
Delta R.T.: -0.004 min  
Response: 1745449  
Conc: 18.89 ug/ml



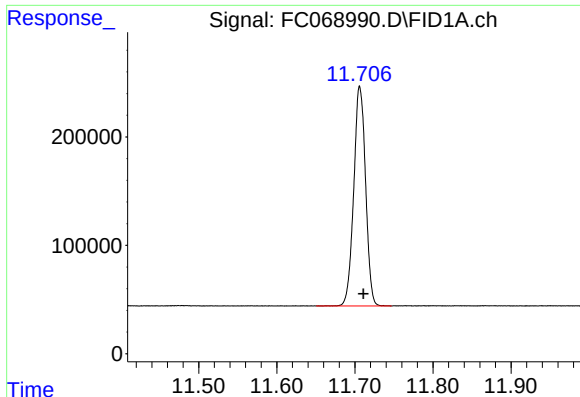
#7 n-Hexadecane (C16)

R.T.: 9.940 min  
Delta R.T.: -0.004 min  
Response: 1732344  
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

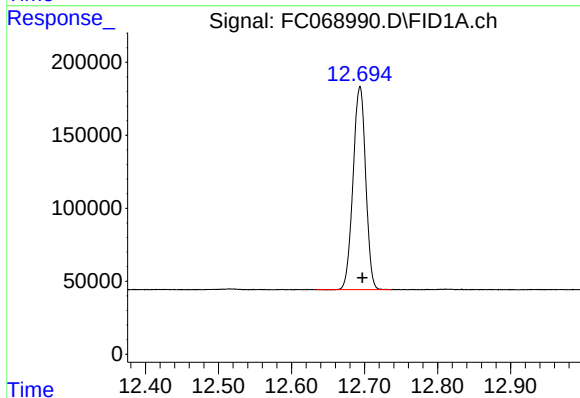
R.T.: 11.383 min  
Delta R.T.: -0.004 min  
Response: 1717761  
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

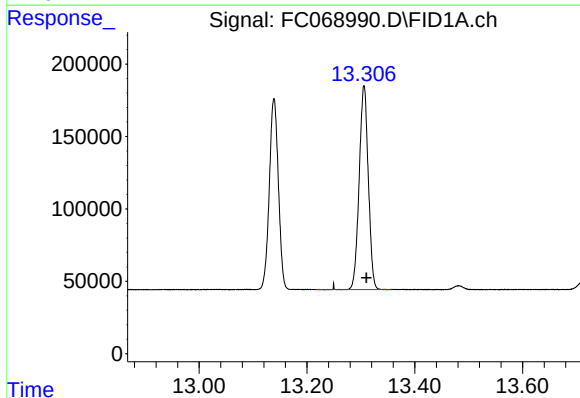
R.T.: 11.707 min  
Delta R.T.: -0.004 min  
Response: 2129672  
Conc: 18.66 ug/ml

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



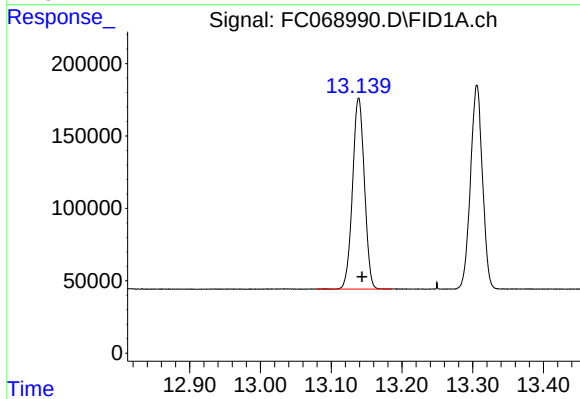
#10 n-Eicosane (C20)

R.T.: 12.694 min  
Delta R.T.: -0.004 min  
Response: 1672615  
Conc: 19.63 ug/ml



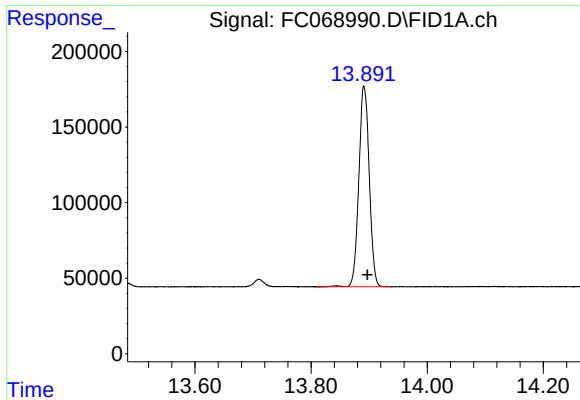
#11 n-Heneicosane (C21)

R.T.: 13.306 min  
Delta R.T.: -0.004 min  
Response: 1656959  
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

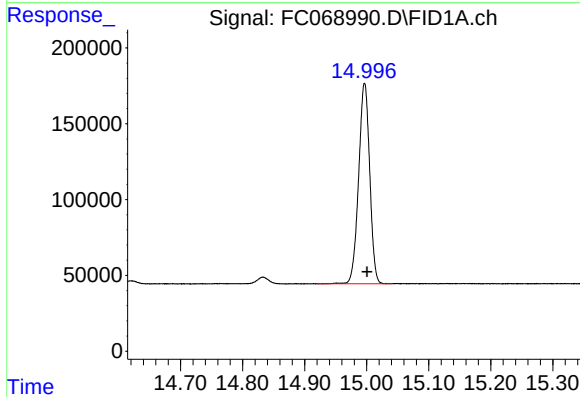
R.T.: 13.139 min  
Delta R.T.: -0.005 min  
Response: 1537035  
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

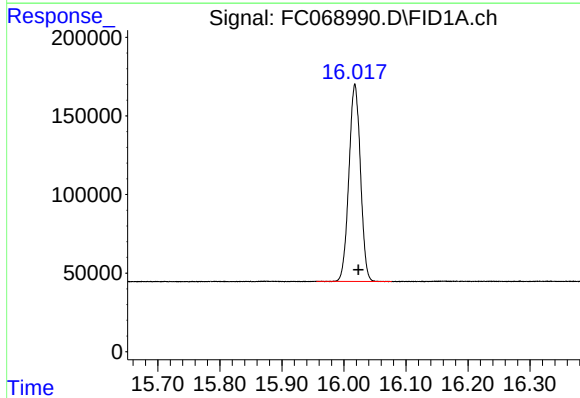
R.T.: 13.892 min  
Delta R.T.: -0.005 min  
Response: 1650527  
Conc: 19.73 ug/ml

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



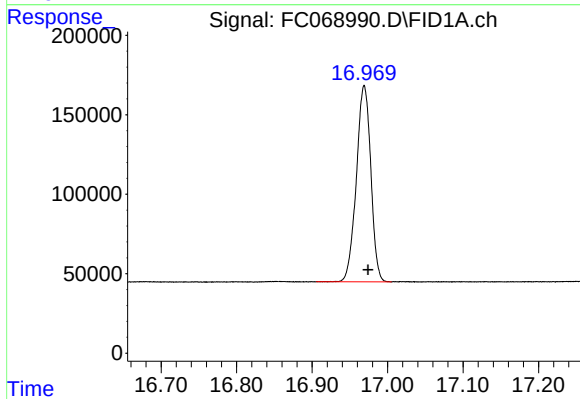
#14 n-Tetracosane (C24)

R.T.: 14.997 min  
Delta R.T.: -0.004 min  
Response: 1637991  
Conc: 19.69 ug/ml



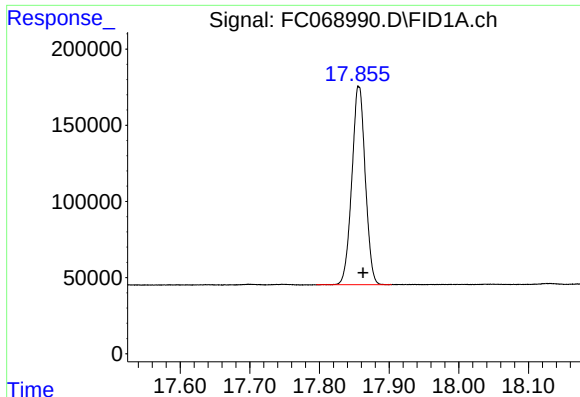
#15 n-Hexacosane (C26)

R.T.: 16.018 min  
Delta R.T.: -0.005 min  
Response: 1622507  
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

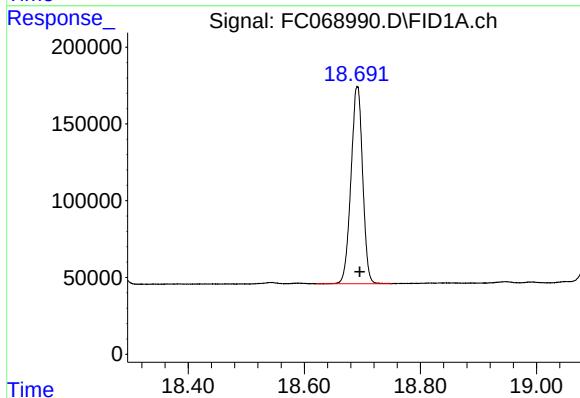
R.T.: 16.969 min  
Delta R.T.: -0.005 min  
Response: 1645091  
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

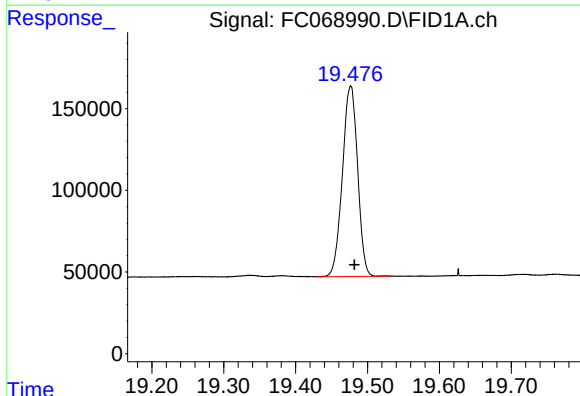
R.T.: 17.857 min  
Delta R.T.: -0.006 min  
Response: 1741946  
Conc: 20.59 ug/ml

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



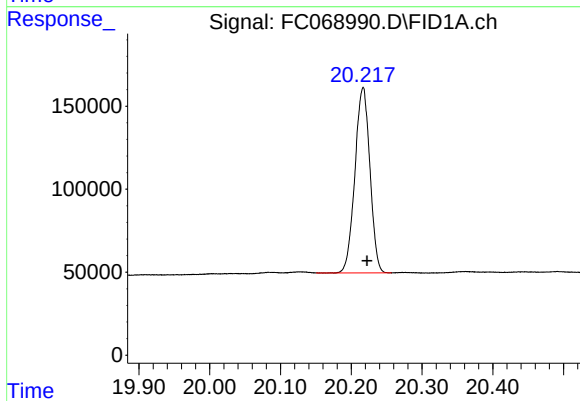
#18 n-Dotriacontane (C32)

R.T.: 18.691 min  
Delta R.T.: -0.004 min  
Response: 1789191  
Conc: 20.77 ug/ml



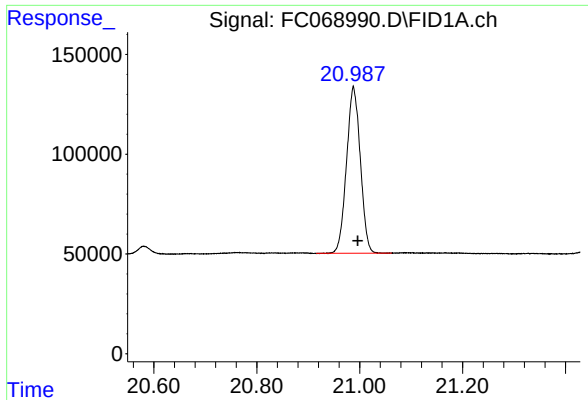
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min  
Delta R.T.: -0.005 min  
Response: 1708669  
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

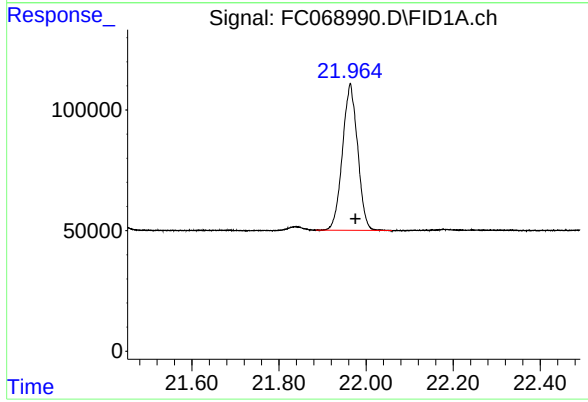
R.T.: 20.216 min  
Delta R.T.: -0.006 min  
Response: 1643460  
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min  
Delta R.T.: -0.008 min  
Response: 1552057  
Conc: 18.50 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.964 min  
Delta R.T.: -0.012 min  
Response: 1467716  
Conc: 17.91 ug/ml