

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
 Data File : FC068885.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 12:51
 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 16 03:23:48 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	2288976	20.054 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.139	1671316	20.833 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.439	2038269	20.265 ug/ml
2) T n-Decane (C10)	4.514	2035800	20.431 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2211662	20.058 ug/ml
4) T n-Dodecane (C12)	6.540	2017334	20.759 ug/ml
5) T A~2-methylnaphthalene...	7.169	2175021	20.264 ug/ml
6) T n-Tetradecane (C14)	8.337	1948957	21.087 ug/ml
7) T n-Hexadecane (C16)	9.940	1901204	21.232 ug/ml
8) T n-Octadecane (C18)	11.384	1855959	21.158 ug/ml
10) T n-Eicosane (C20)	12.694	1798687	21.107 ug/ml
11) T n-Heneicosane (C21)	13.306	1775848	21.055 ug/ml
13) T n-Docosane (C22)	13.893	1753581	20.961 ug/ml
14) T n-Tetracosane (C24)	14.997	1743530	20.954 ug/ml
15) T n-Hexacosane (C26)	16.019	1698936	20.505 ug/ml
16) T n-Octacosane (C28)	16.970	1678355	20.308 ug/ml
17) T n-Tricontane (C30)	17.858	1701759	20.112 ug/ml
18) T n-Dotriacontane (C32)	18.690	1716820	19.932 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1661880	19.506 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1657008	19.279 ug/ml
21) T n-Octatriacontane (C38)	20.991	1620267	19.316 ug/ml
22) T n-Tetracontane (C40)	21.965	1611253	19.660 ug/ml

(f)=RT Delta > 1/2 Window

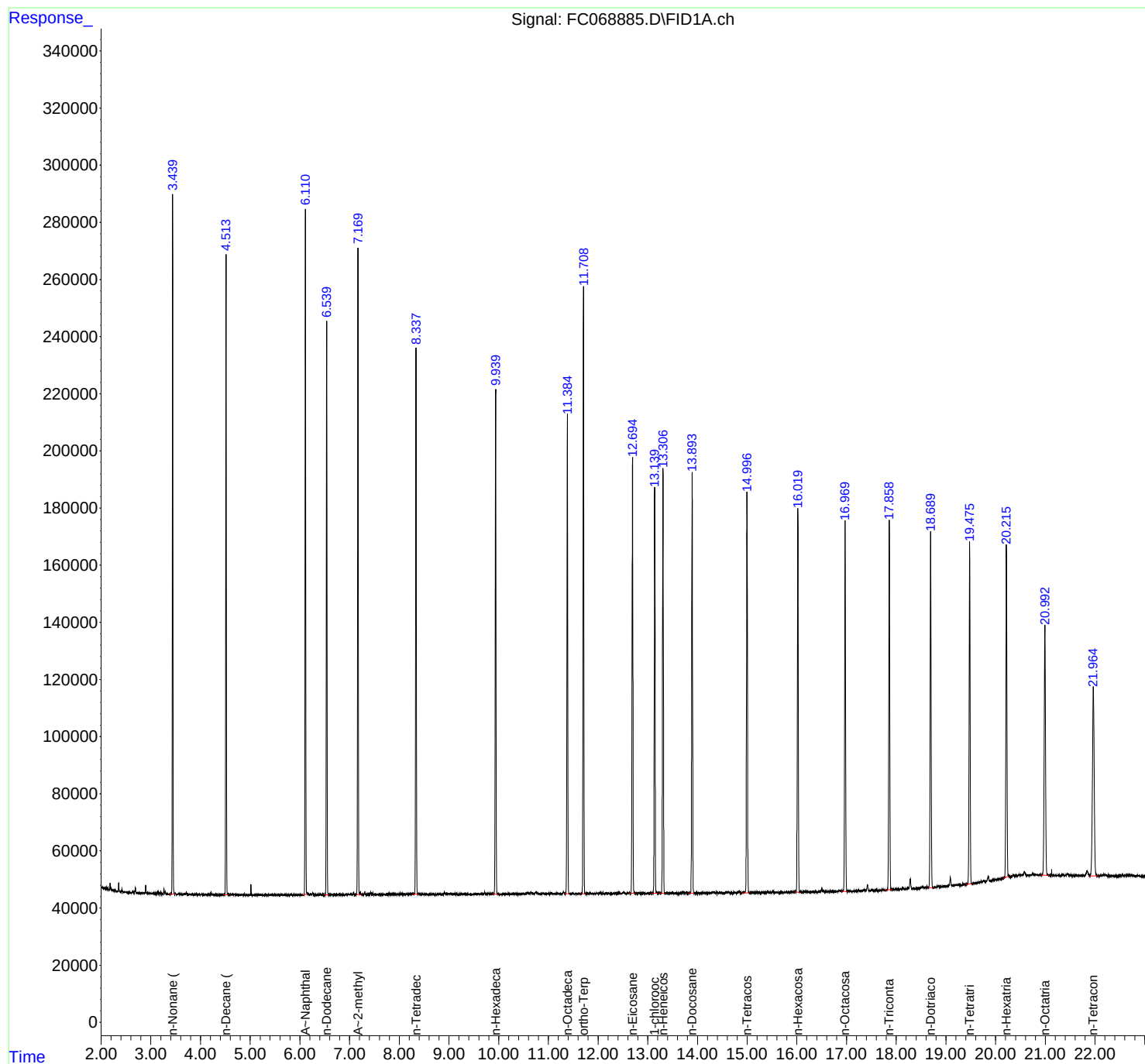
(m)=manual int.

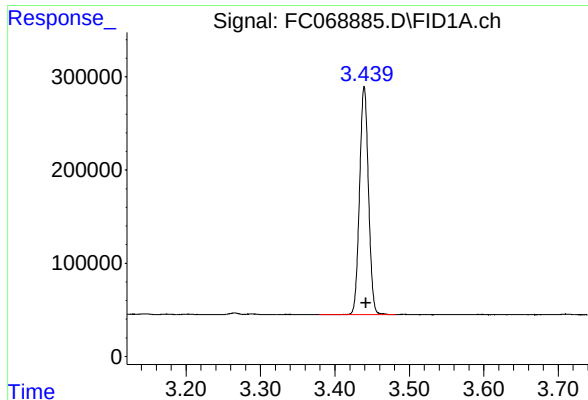
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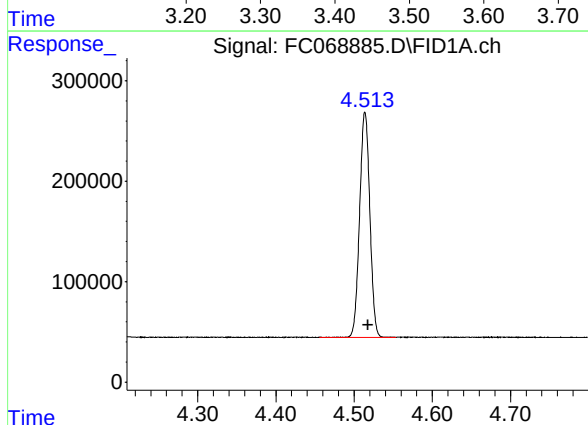




#1 n-Nonane (C9)

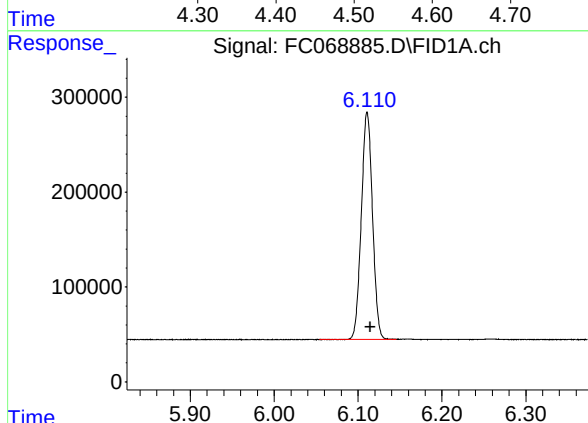
R.T.: 3.439 min
Delta R.T.: -0.003 min
Response: 2038269
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



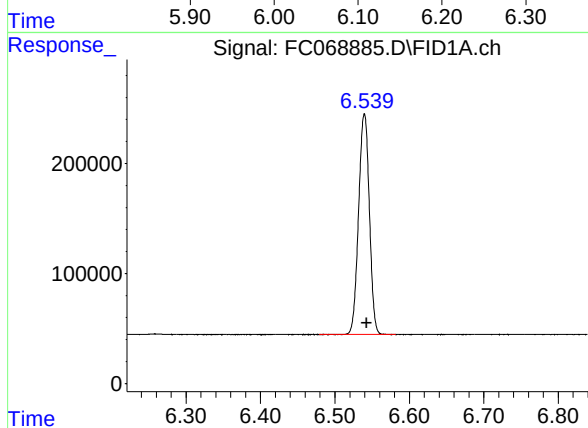
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.004 min
Response: 2035800
Conc: 20.43 ug/ml



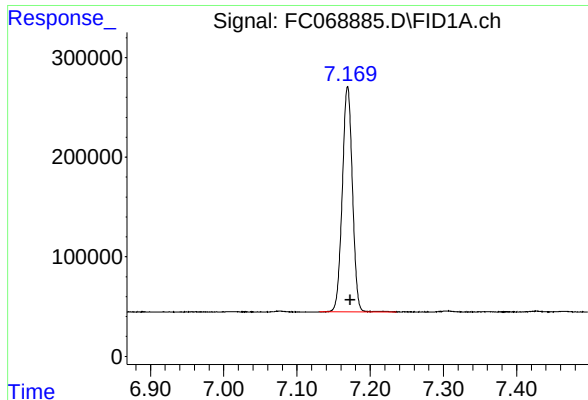
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 2211662
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

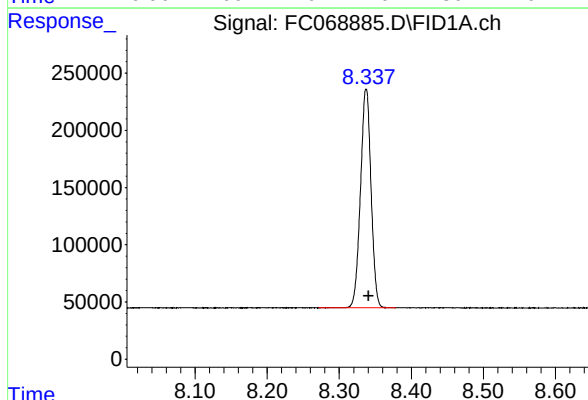
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 2017334
Conc: 20.76 ug/ml



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

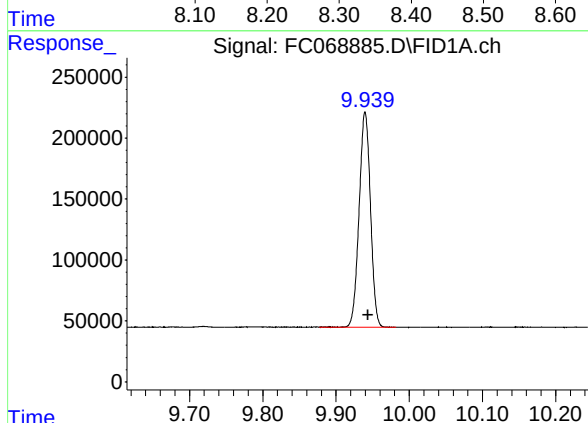
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 2175021
Conc: 20.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



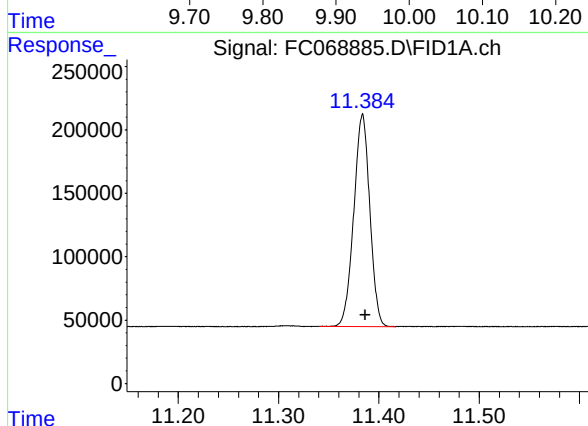
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.003 min
Response: 1948957
Conc: 21.09 ug/ml



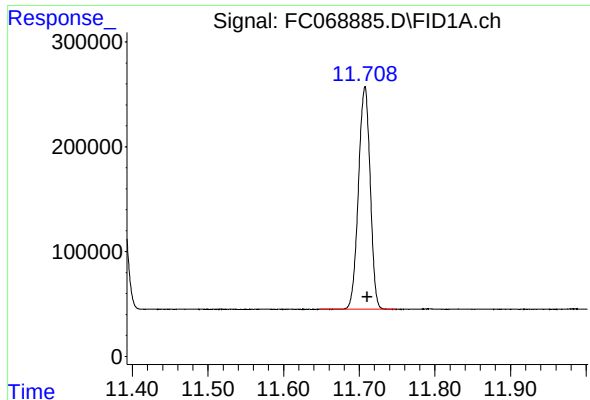
#7 n-Hexadecane (C16)

R.T.: 9.940 min
Delta R.T.: -0.004 min
Response: 1901204
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

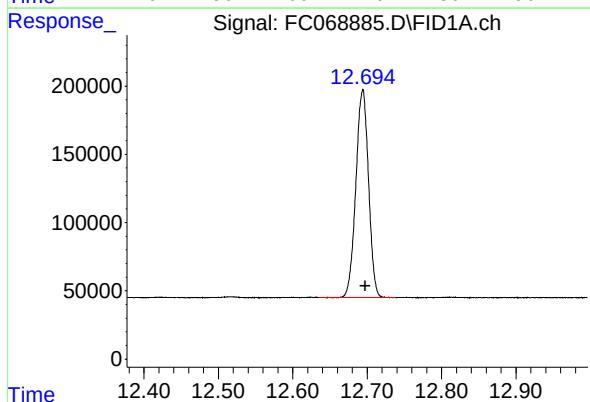
R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 1855959
Conc: 21.16 ug/ml



#9 ortho-Terphenyl (SURR)

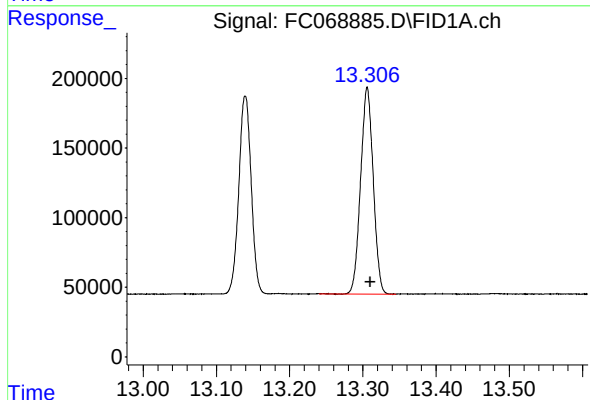
R.T.: 11.707 min
Delta R.T.: -0.004 min
Response: 2288976
Conc: 20.05 ug/ml

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FID_C
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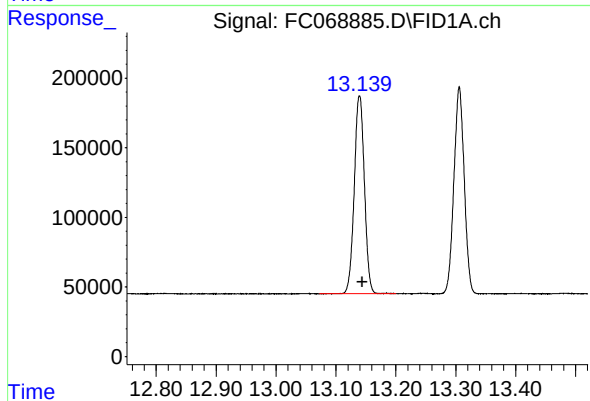
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.003 min
Response: 1798687
Conc: 21.11 ug/ml



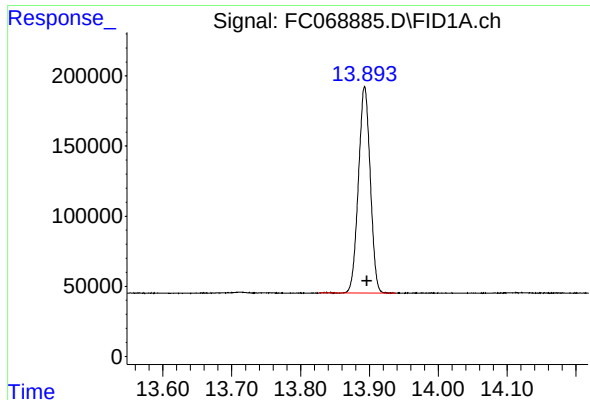
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 1775848
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

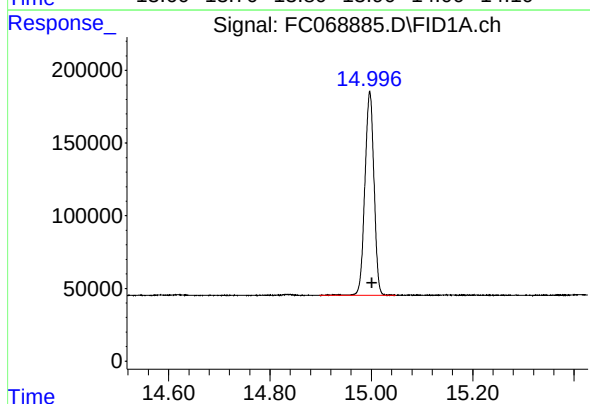
R.T.: 13.139 min
Delta R.T.: -0.005 min
Response: 1671316
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

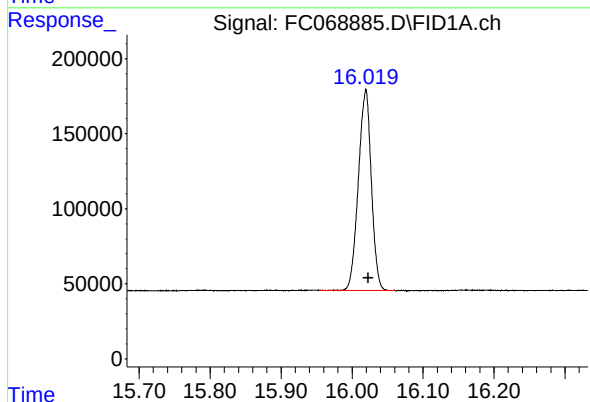
R.T.: 13.893 min
Delta R.T.: -0.004 min
Response: 1753581
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



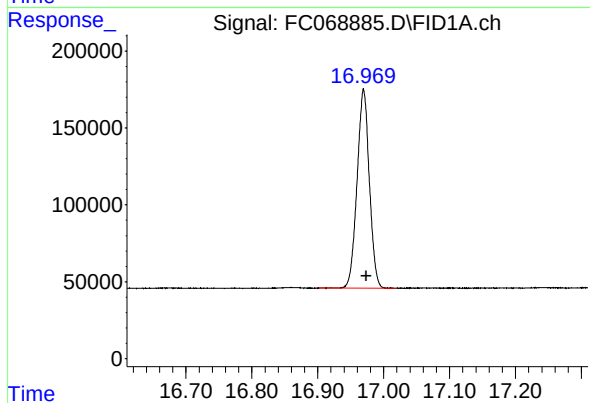
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 1743530
Conc: 20.95 ug/ml



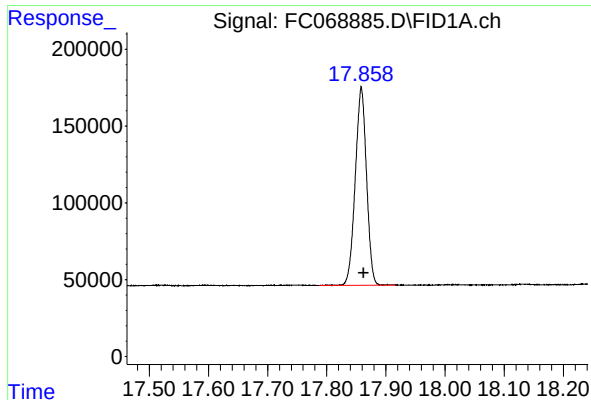
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 1698936
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

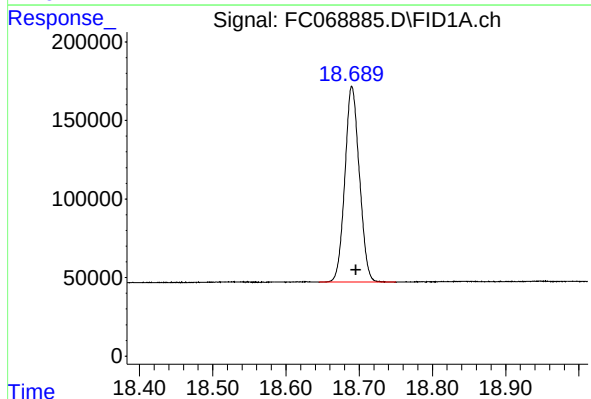
R.T.: 16.970 min
Delta R.T.: -0.005 min
Response: 1678355
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

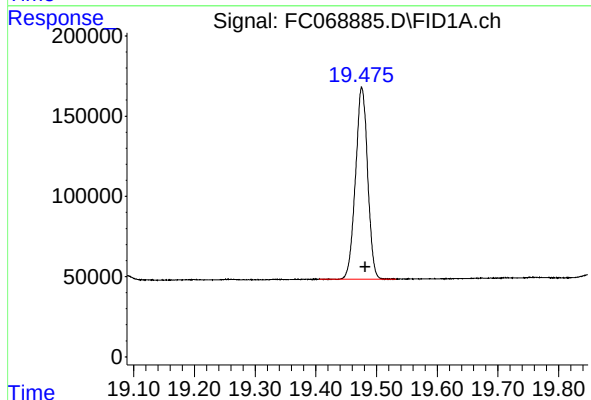
R.T.: 17.858 min
Delta R.T.: -0.004 min
Response: 1701759
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



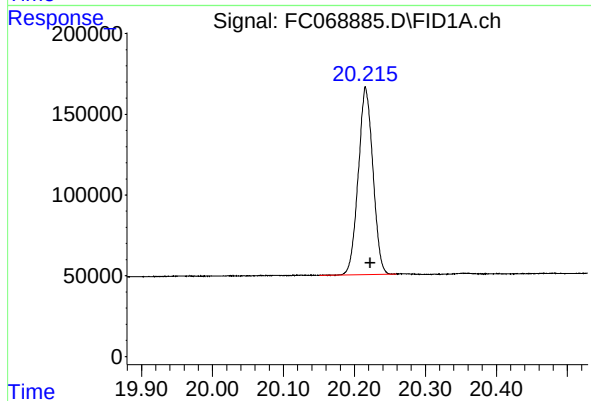
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.005 min
Response: 1716820
Conc: 19.93 ug/ml



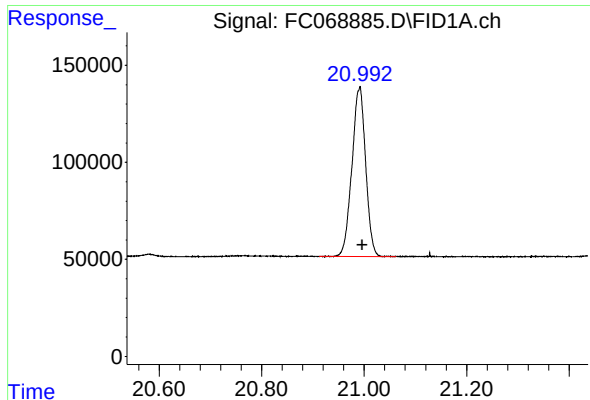
#19 n-Tetatriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.006 min
Response: 1661880
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

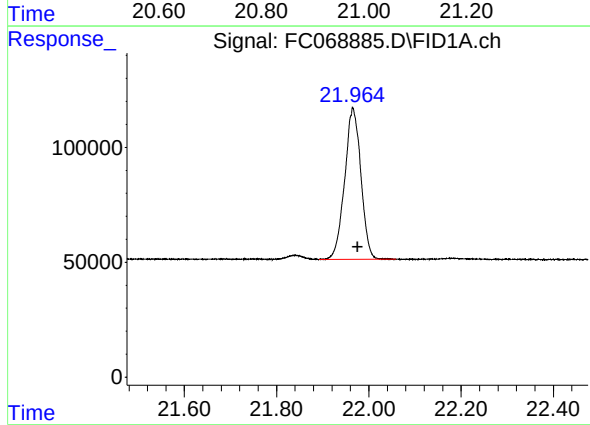
R.T.: 20.216 min
Delta R.T.: -0.007 min
Response: 1657008
Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.006 min
Response: 1620267
Conc: 19.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.010 min
Response: 1611253
Conc: 19.66 ug/ml