

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080124AL\
 Data File : FC066885.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 13:46
 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: Aug 02 02:56:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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)	11.516	2951569	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	12.956	2189996	19.586 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.286	2750251	19.382 ug/ml
2) T n-Decane (C10)	4.351	2829450	19.140 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3038819	19.029 ug/ml
4) T n-Dodecane (C12)	6.368	2835971	18.917 ug/ml
5) T A~2-methylnaphthalene...	6.986	2909357	18.978 ug/ml
6) T n-Tetradecane (C14)	8.162	2768107	18.919 ug/ml
7) T n-Hexadecane (C16)	9.762	2822453	18.858 ug/ml
8) T n-Octadecane (C18)	11.204	2803724	18.893 ug/ml
10) T n-Eicosane (C20)	12.512	2648423	19.001 ug/ml
11) T n-Heneicosane (C21)	13.124	2581243	18.951 ug/ml
13) T n-Docosane (C22)	13.710	2559338	19.054 ug/ml
14) T n-Tetracosane (C24)	14.812	2520651	18.950 ug/ml
15) T n-Hexacosane (C26)	15.833	2457499	18.887 ug/ml
16) T n-Octacosane (C28)	16.782	2426861	19.237 ug/ml
17) T n-Tricontane (C30)	17.670	2481878	19.300 ug/ml
18) T n-Dotriacontane (C32)	18.501	2442125	19.398 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2323985	18.785 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2185600	18.789 ug/ml
21) T n-Octatriacontane (C38)	20.751	2119962	19.080 ug/ml
22) T n-Tetracontane (C40)	21.647	2068544	19.027 ug/ml

(f)=RT Delta > 1/2 Window

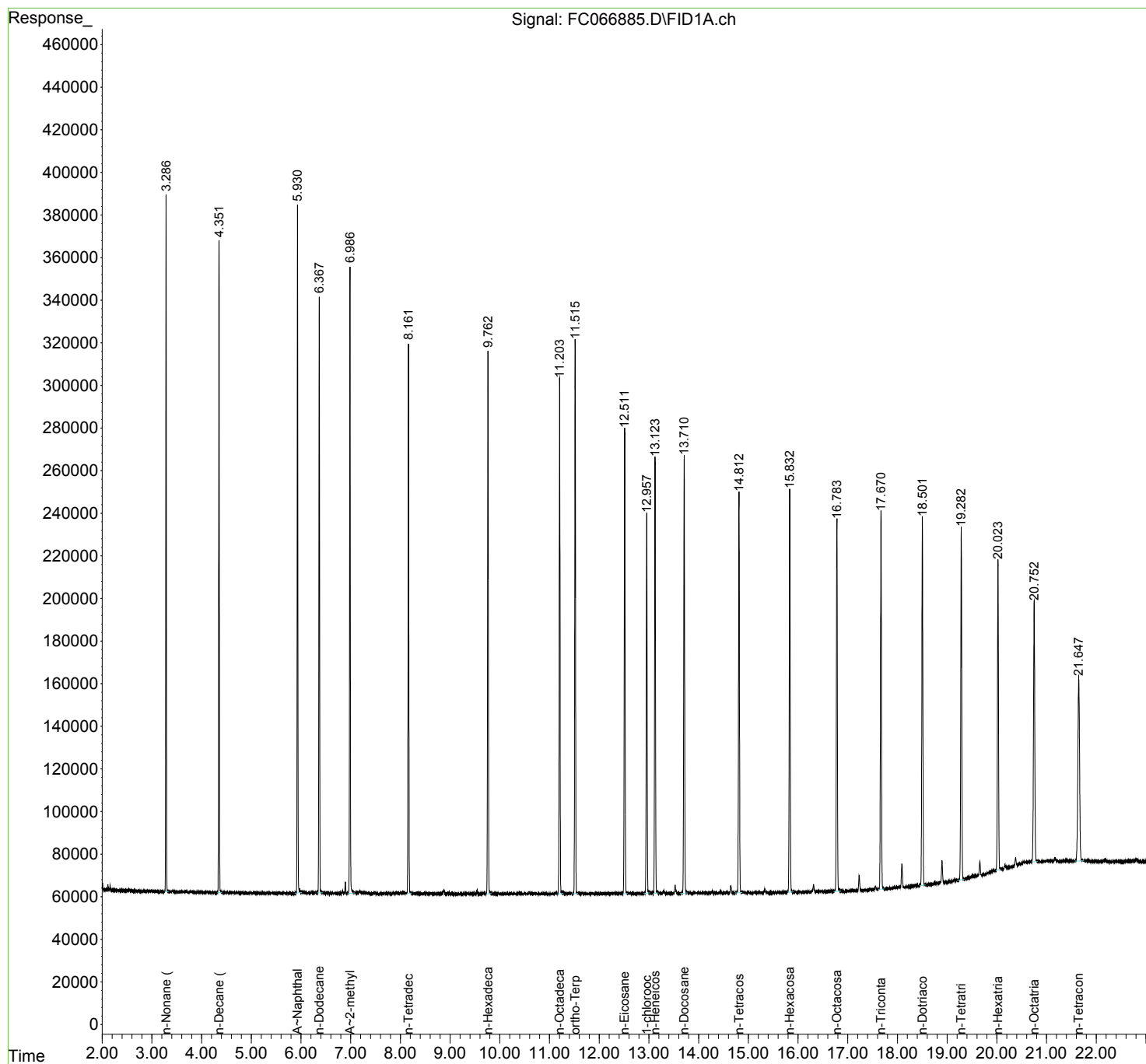
(m)=manual int.

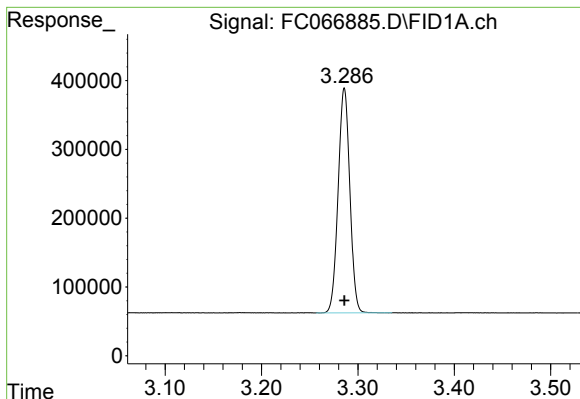
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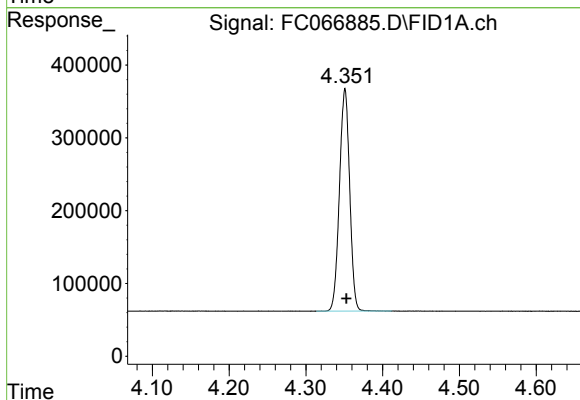




#1 n-Nonane (C9)

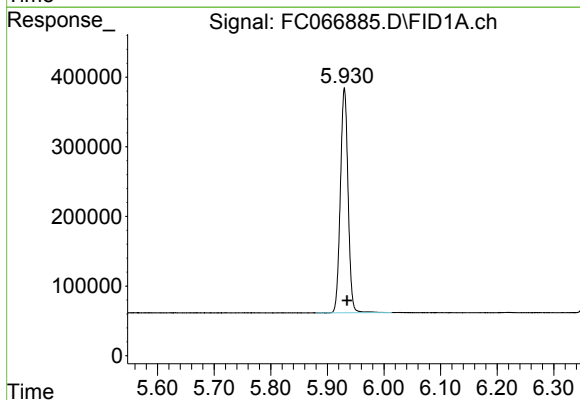
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2750251
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



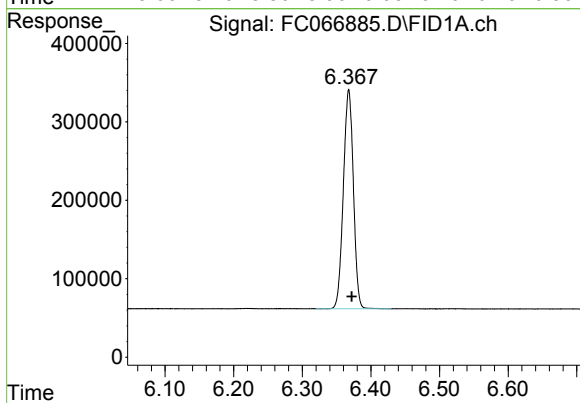
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2829450
Conc: 19.14 ug/ml



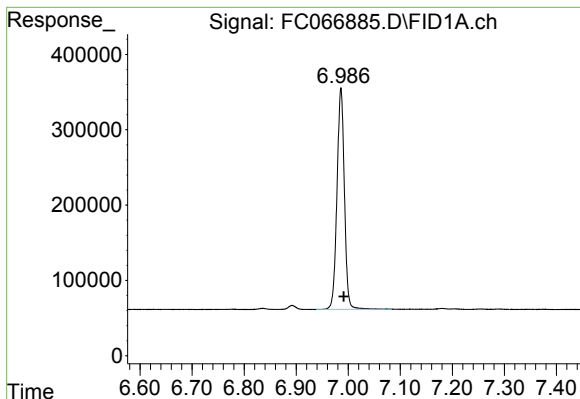
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 3038819
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

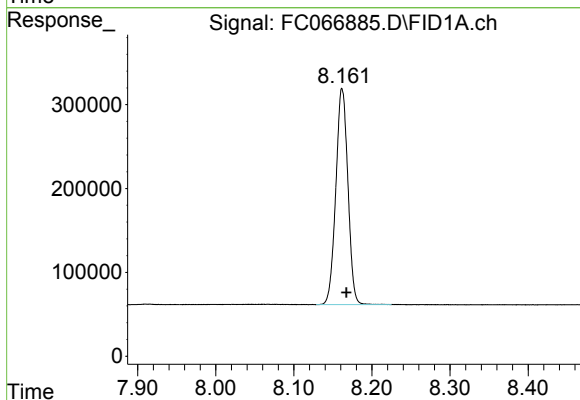
R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 2835971
Conc: 18.92 ug/ml



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

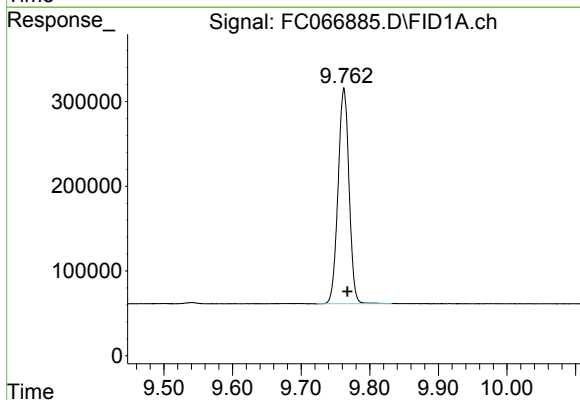
R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 2909357
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



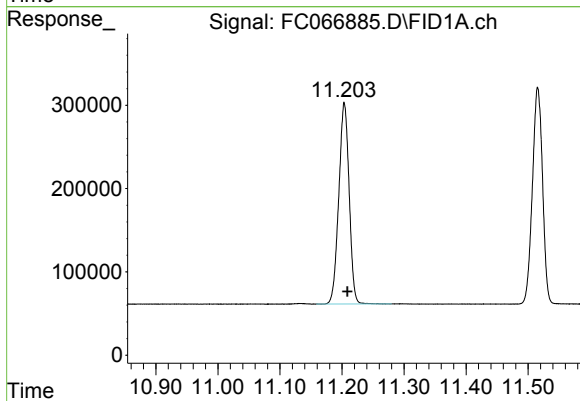
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: -0.005 min
Response: 2768107
Conc: 18.92 ug/ml



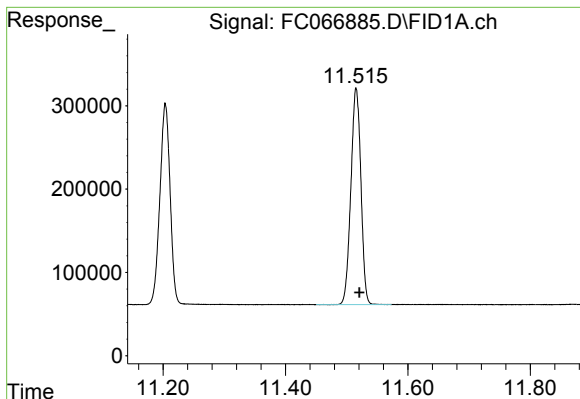
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.005 min
Response: 2822453
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

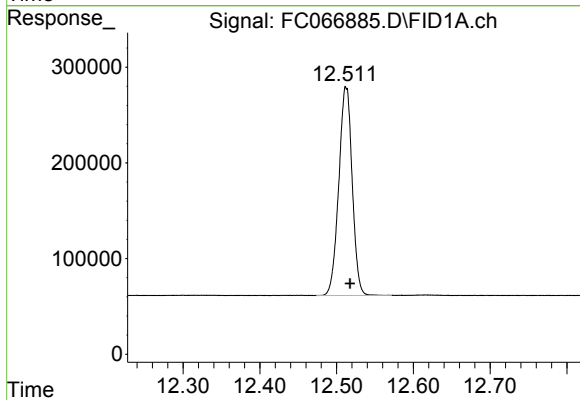
R.T.: 11.204 min
Delta R.T.: -0.005 min
Response: 2803724
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

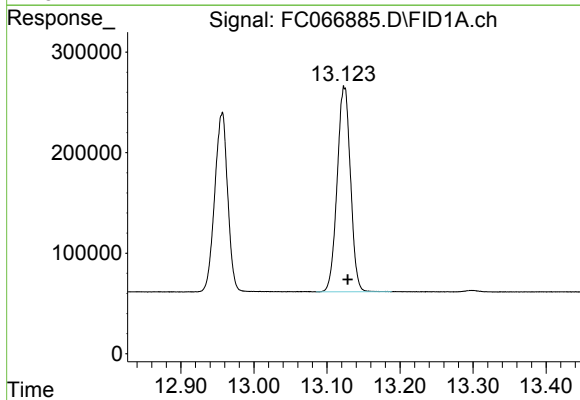
R.T.: 11.516 min
Delta R.T.: -0.005 min
Response: 2951569
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



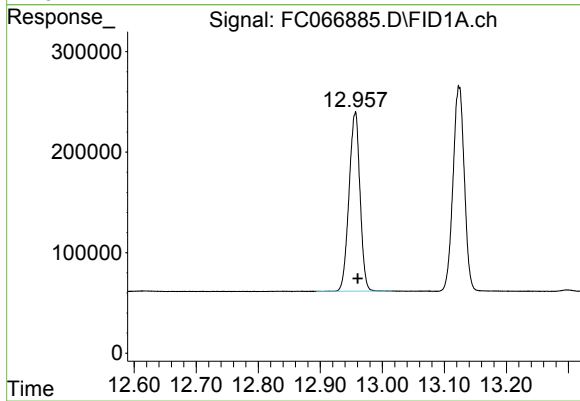
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 2648423
Conc: 19.00 ug/ml



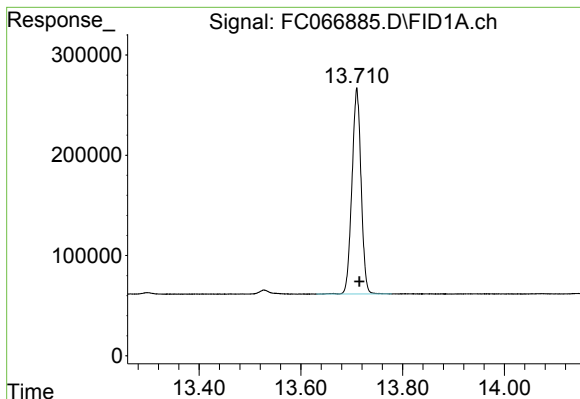
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.005 min
Response: 2581243
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

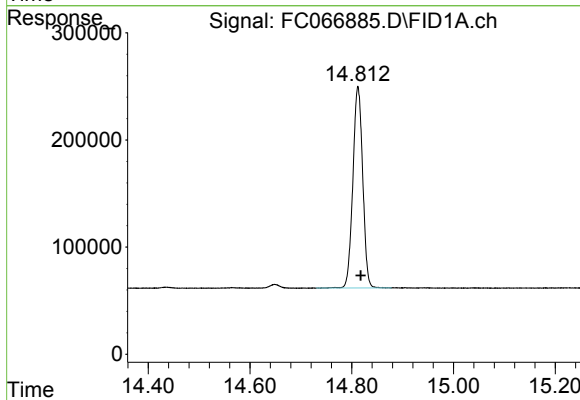
R.T.: 12.956 min
Delta R.T.: -0.005 min
Response: 2189996
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

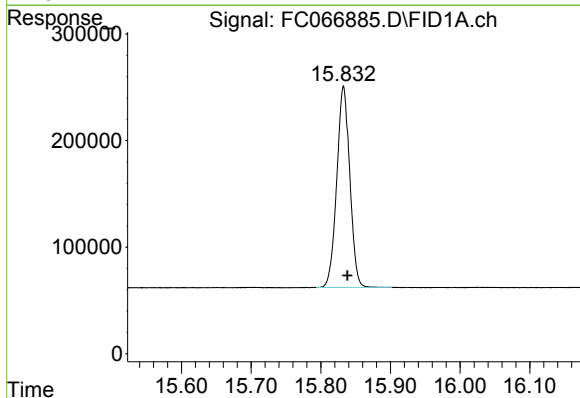
R.T.: 13.710 min
Delta R.T.: -0.005 min
Response: 2559338
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



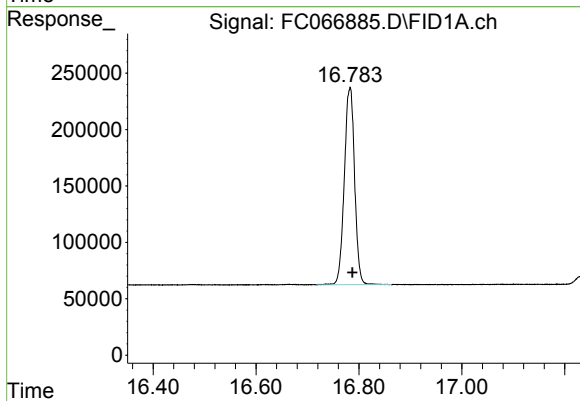
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.005 min
Response: 2520651
Conc: 18.95 ug/ml



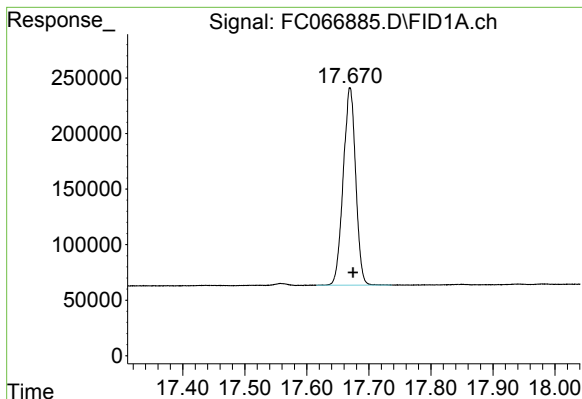
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.006 min
Response: 2457499
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

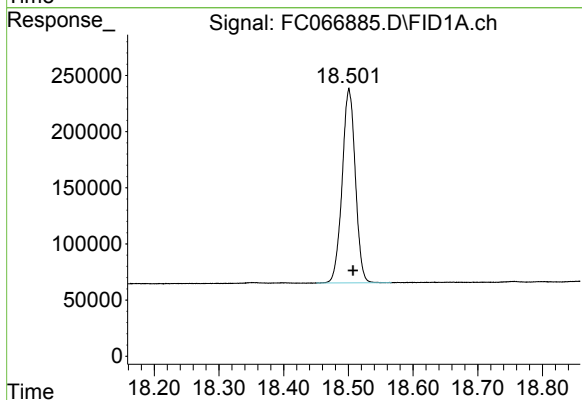
R.T.: 16.782 min
Delta R.T.: -0.005 min
Response: 2426861
Conc: 19.24 ug/ml



#17 n-Tricontane (C30)

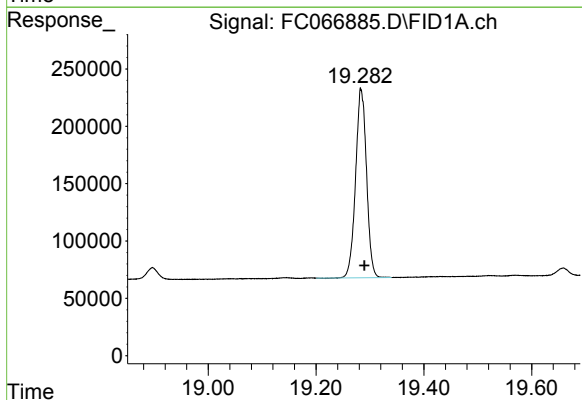
R.T.: 17.670 min
Delta R.T.: -0.005 min
Response: 2481878
Conc: 19.30 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



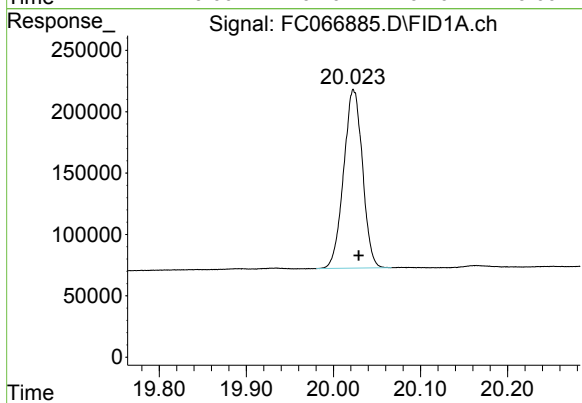
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: -0.006 min
Response: 2442125
Conc: 19.40 ug/ml



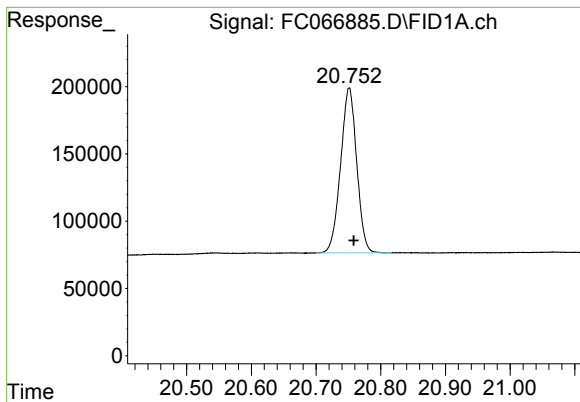
#19 n-Tetratriacontane (C34)

R.T.: 19.284 min
Delta R.T.: -0.006 min
Response: 2323985
Conc: 18.79 ug/ml



#20 n-Hexatriacontane (C36)

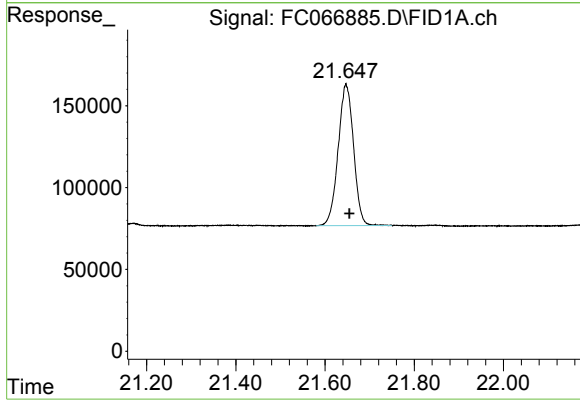
R.T.: 20.023 min
Delta R.T.: -0.006 min
Response: 2185600
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: -0.007 min
Response: 2119962
Conc: 19.08 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: -0.007 min
Response: 2068544
Conc: 19.03 ug/ml