

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050324AL\
 Data File : FC066303.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2024 07:12
 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 03 11:23:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.559	3143577	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.998	2375881	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.318	2733359	18.098 ug/ml
2) T n-Decane (C10)	4.386	2817397	18.320 ug/ml
3) T A~Naphthalene (C11.7)	5.968	3116466	18.343 ug/ml
4) T n-Dodecane (C12)	6.406	2836003	18.454 ug/ml
5) T A~2-methylnaphthalene...	7.025	3032186	18.398 ug/ml
6) T n-Tetradecane (C14)	8.201	2800643	18.506 ug/ml
7) T n-Hexadecane (C16)	9.802	2891568	18.911 ug/ml
8) T n-Octadecane (C18)	11.245	2911271	19.180 ug/ml
10) T n-Eicosane (C20)	12.555	2801091	19.472 ug/ml
11) T n-Heneicosane (C21)	13.167	2749544	19.560 ug/ml
13) T n-Docosane (C22)	13.753	2740124	19.571 ug/ml
14) T n-Tetracosane (C24)	14.856	2729106	19.386 ug/ml
15) T n-Hexacosane (C26)	15.876	2659587	19.444 ug/ml
16) T n-Octacosane (C28)	16.827	2598665	19.405 ug/ml
17) T n-Tricontane (C30)	17.715	2631586	19.528 ug/ml
18) T n-Dotriacontane (C32)	18.547	2561140	19.891 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2408320	20.355 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2248138	19.558 ug/ml
21) T n-Octatriacontane (C38)	20.805	2198805	20.428 ug/ml
22) T n-Tetracontane (C40)	21.714	2119399	19.764 ug/ml

(f)=RT Delta > 1/2 Window

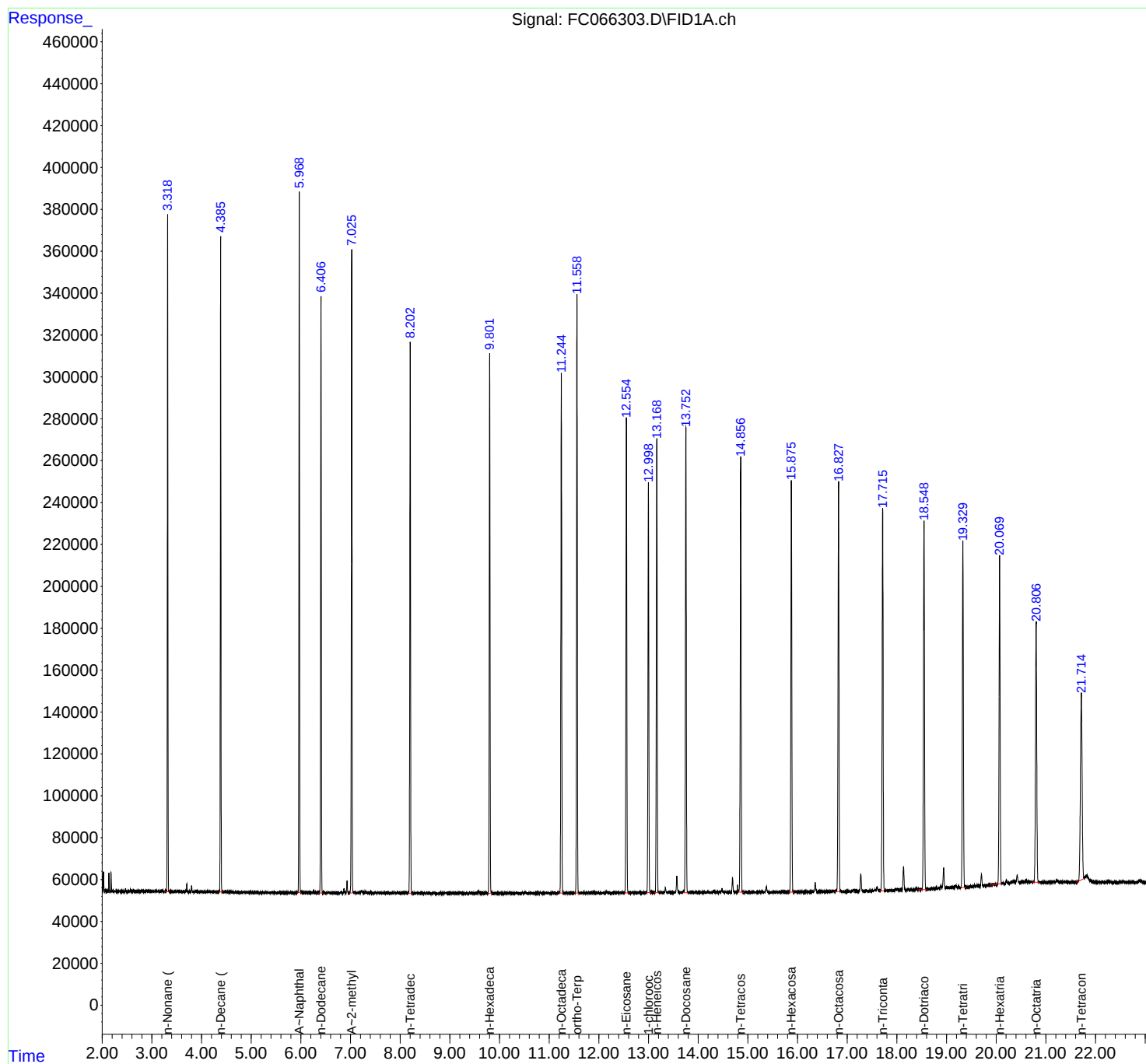
(m)=manual int.

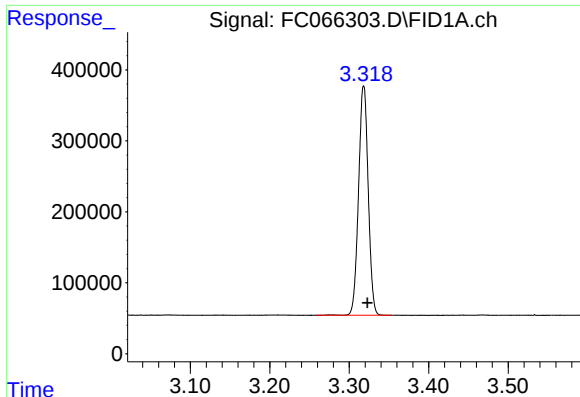
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050324AL\
Data File : FC066303.D
Signal(s) : FID1A.ch
Acq On : 03 May 2024 07:12
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 03 11:23:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:03:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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

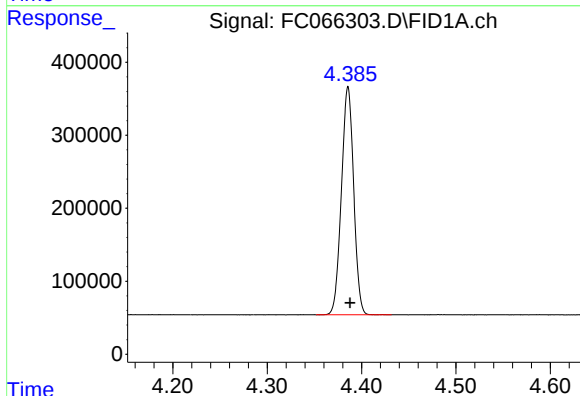




#1 n-Nonane (C9)

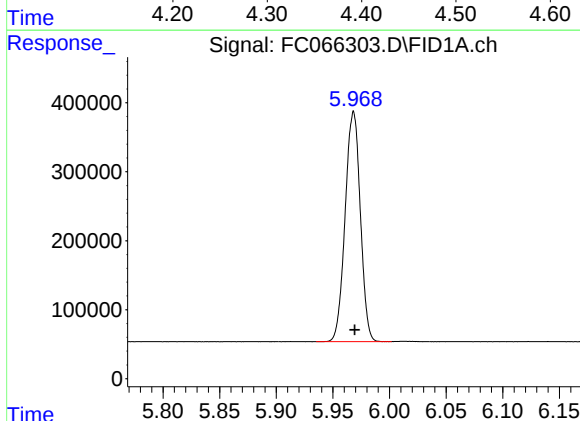
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 2733359
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



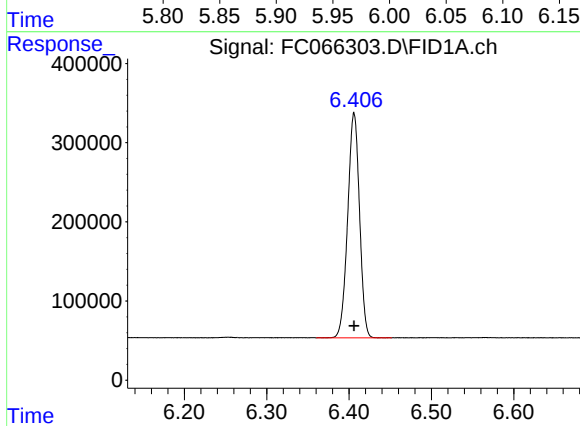
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.002 min
Response: 2817397
Conc: 18.32 ug/ml



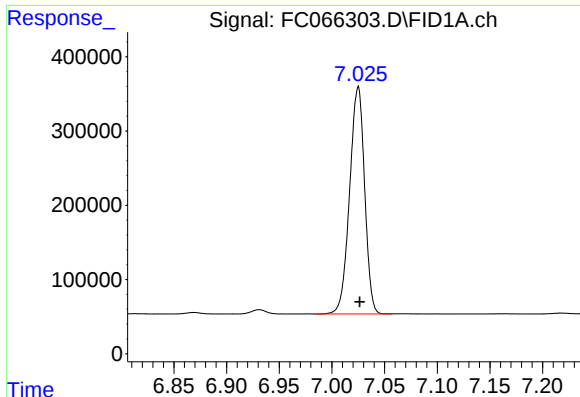
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 3116466
Conc: 18.34 ug/ml



#4 n-Dodecane (C12)

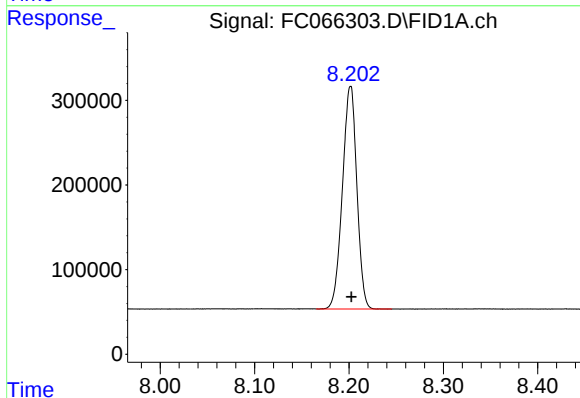
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 2836003
Conc: 18.45 ug/ml



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

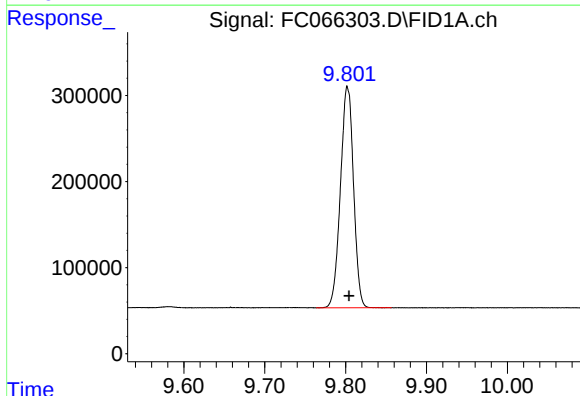
R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 3032186
Conc: 18.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



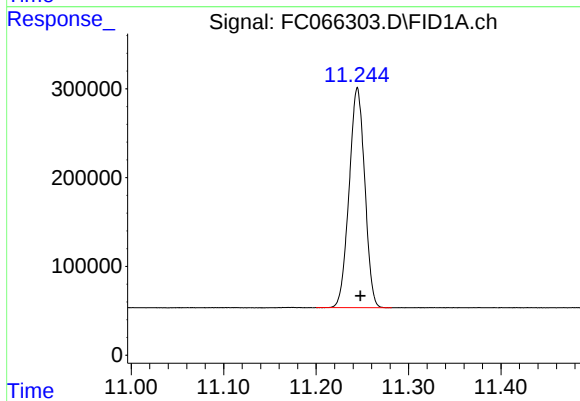
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 2800643
Conc: 18.51 ug/ml



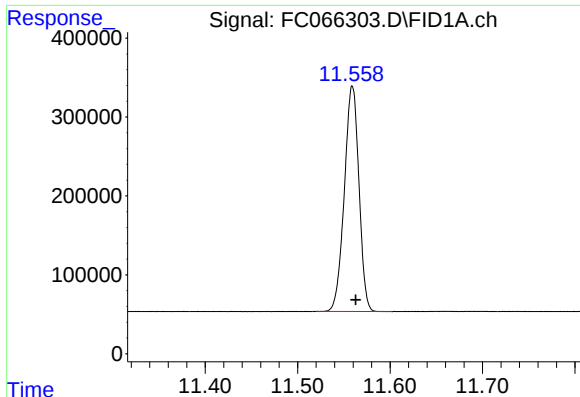
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.002 min
Response: 2891568
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

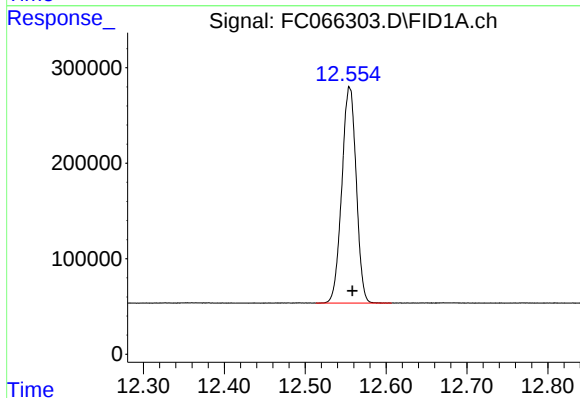
R.T.: 11.245 min
Delta R.T.: -0.003 min
Response: 2911271
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

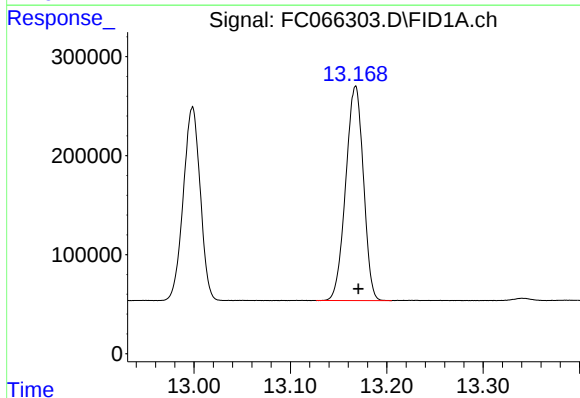
R.T.: 11.559 min
Delta R.T.: -0.004 min
Response: 3143577
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



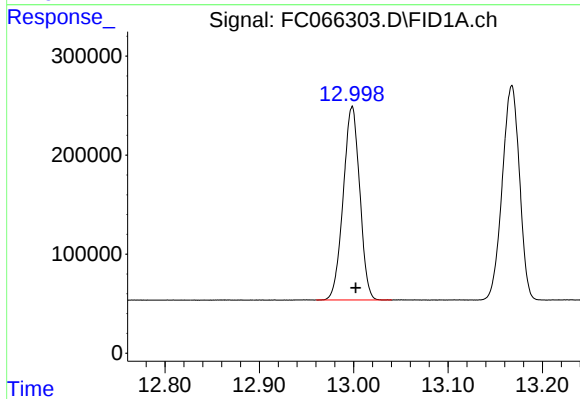
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.003 min
Response: 2801091
Conc: 19.47 ug/ml



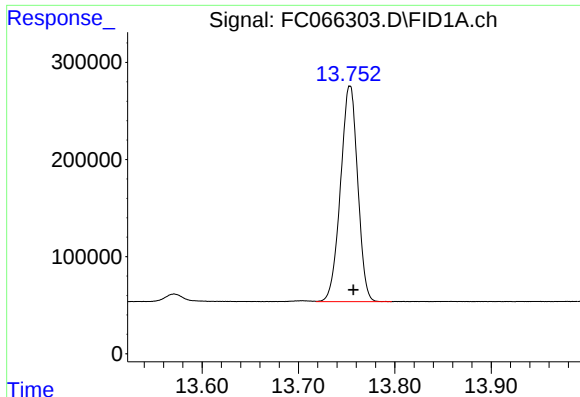
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.003 min
Response: 2749544
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

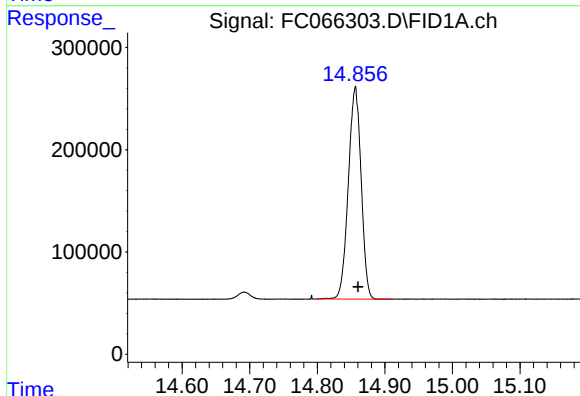
R.T.: 12.998 min
Delta R.T.: -0.004 min
Response: 2375881
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

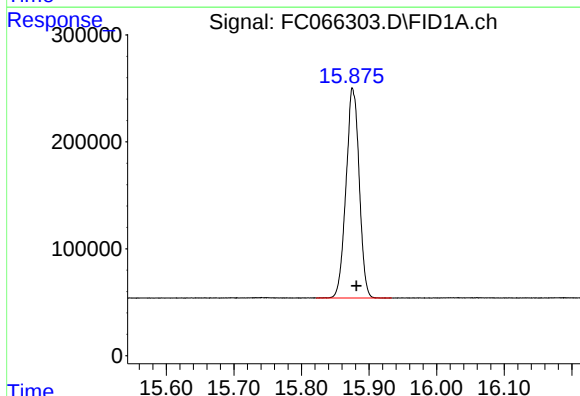
R.T.: 13.753 min
Delta R.T.: -0.004 min
Response: 2740124
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



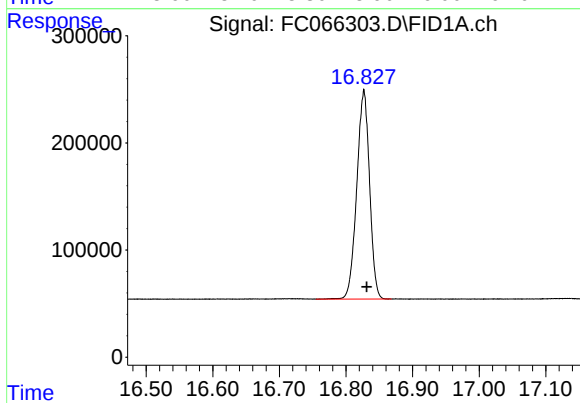
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.004 min
Response: 2729106
Conc: 19.39 ug/ml



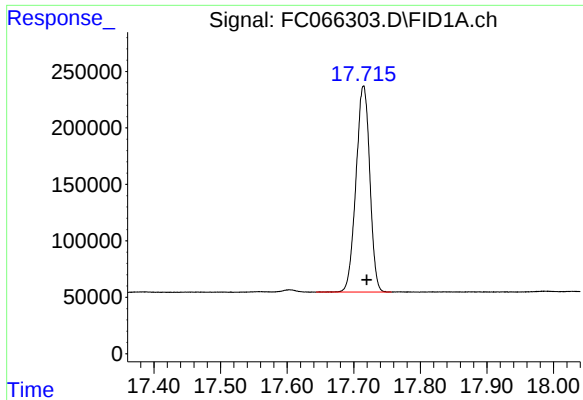
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 2659587
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

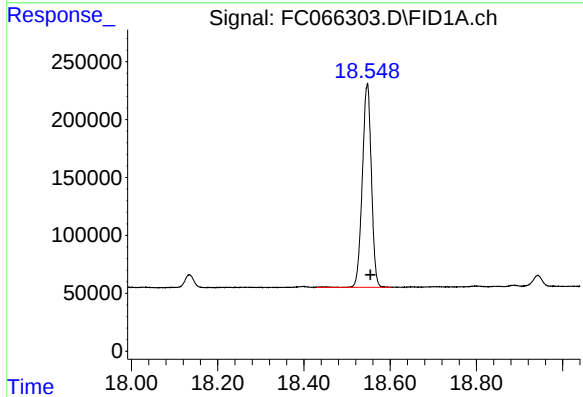
R.T.: 16.827 min
Delta R.T.: -0.005 min
Response: 2598665
Conc: 19.40 ug/ml



#17 n-Tricontane (C30)

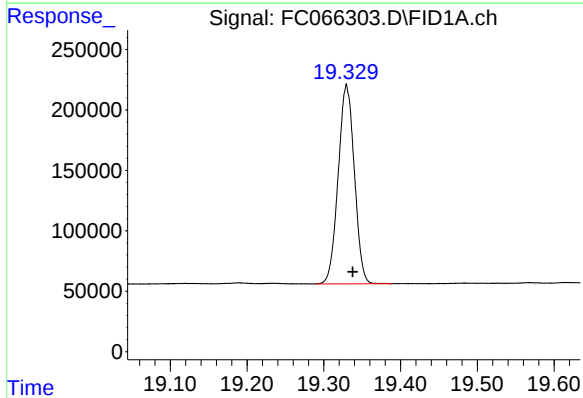
R.T.: 17.715 min
Delta R.T.: -0.005 min
Response: 2631586
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



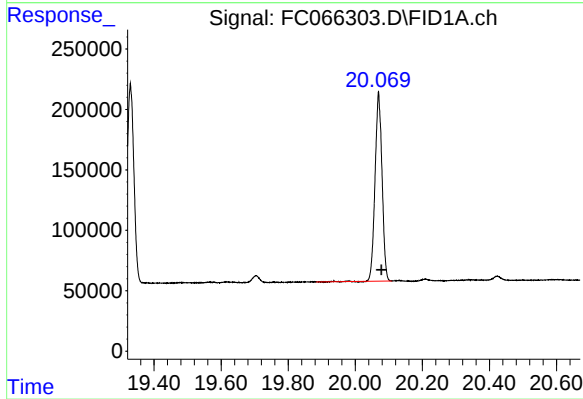
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.007 min
Response: 2561140
Conc: 19.89 ug/ml



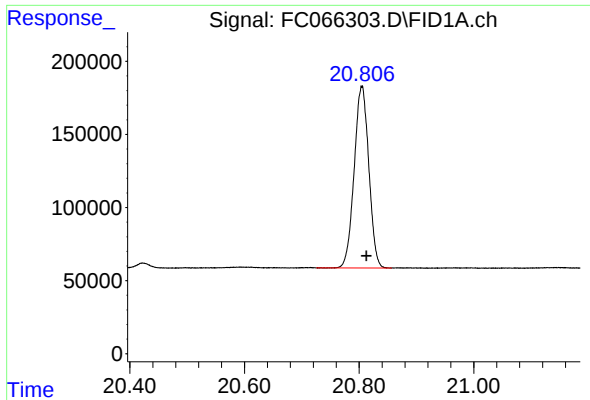
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.008 min
Response: 2408320
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

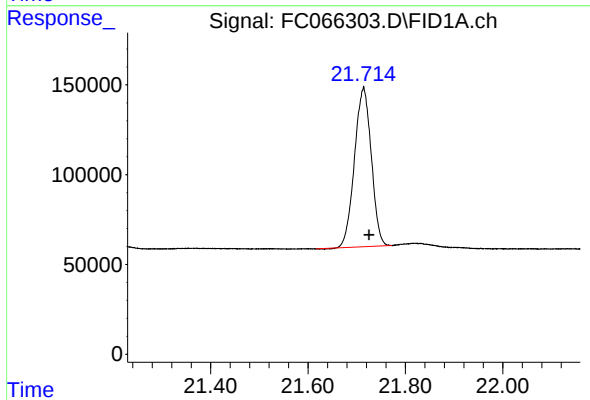
R.T.: 20.070 min
Delta R.T.: -0.008 min
Response: 2248138
Conc: 19.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.008 min
Response: 2198805
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: -0.011 min
Response: 2119399
Conc: 19.76 ug/ml