

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111124AL\
 Data File : FC067686.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 09:10
 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: Nov 11 20:43:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.491	3054560	20.817 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	12.930	2238084	20.725 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.270	2824623	20.967 ug/ml
2) T n-Decane (C10)	4.334	2874481	21.098 ug/ml
3) T A~Naphthalene (C11.7)	5.912	3105397	20.956 ug/ml
4) T n-Dodecane (C12)	6.350	2861766	21.129 ug/ml
5) T A~2-methylnaphthalene...	6.967	2945397	20.857 ug/ml
6) T n-Tetradecane (C14)	8.142	2780125	21.180 ug/ml
7) T n-Hexadecane (C16)	9.740	2808943	21.263 ug/ml
8) T n-Octadecane (C18)	11.181	2798732	21.184 ug/ml
10) T n-Eicosane (C20)	12.487	2659831	21.080 ug/ml
11) T n-Heneicosane (C21)	13.098	2608843	21.139 ug/ml
13) T n-Docosane (C22)	13.684	2580033	21.070 ug/ml
14) T n-Tetracosane (C24)	14.785	2552393	21.058 ug/ml
15) T n-Hexacosane (C26)	15.804	2511584	21.096 ug/ml
16) T n-Octacosane (C28)	16.753	2490633	21.170 ug/ml
17) T n-Tricontane (C30)	17.638	2572632	21.284 ug/ml
18) T n-Dotriacontane (C32)	18.470	2509144	21.206 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2225728	21.253 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1906225	20.941 ug/ml
21) T n-Octatriacontane (C38)	20.713	1799633	20.780 ug/ml
22) T n-Tetracontane (C40)	21.595	1744957	20.526 ug/ml

(f)=RT Delta > 1/2 Window

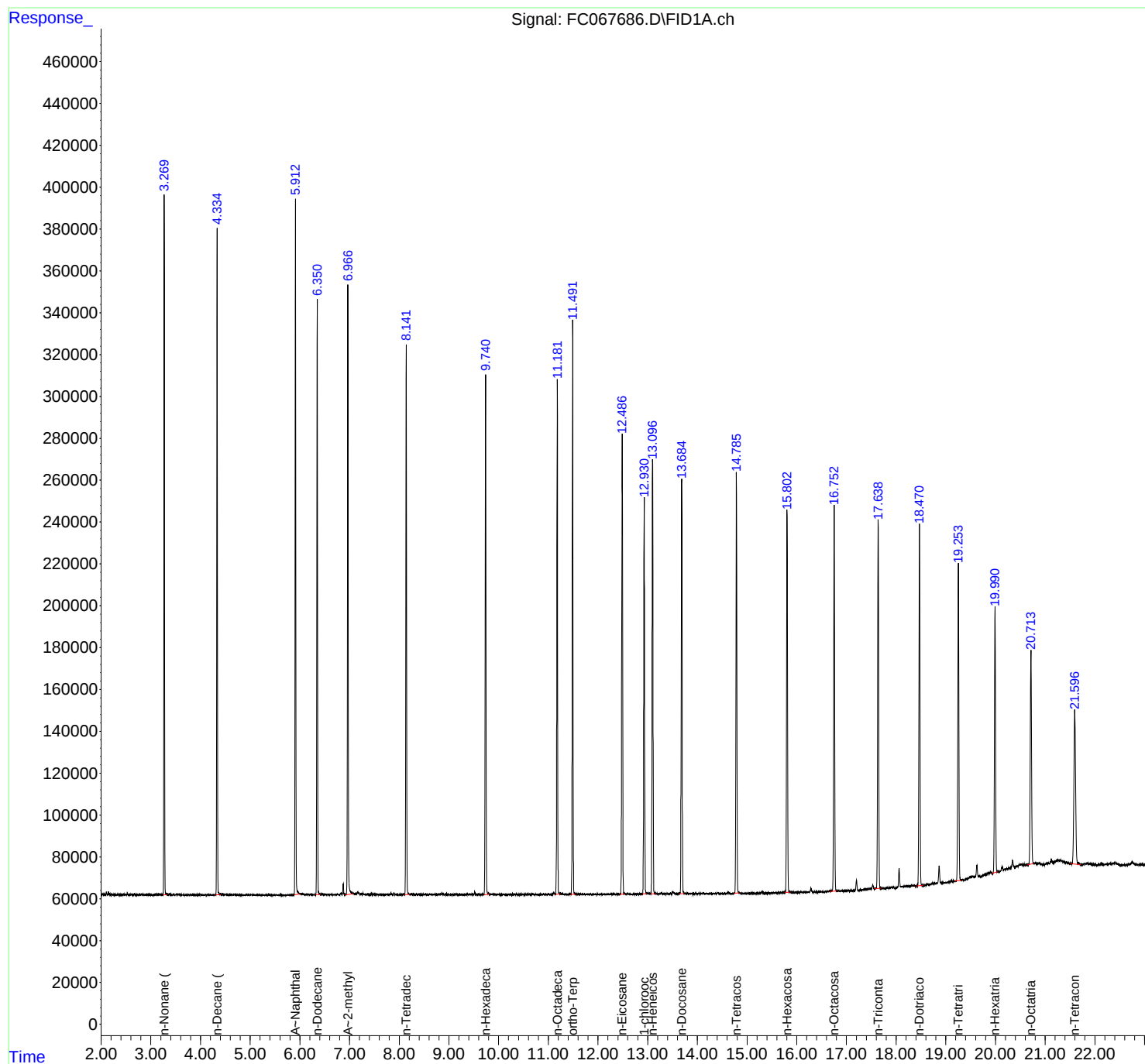
(m)=manual int.

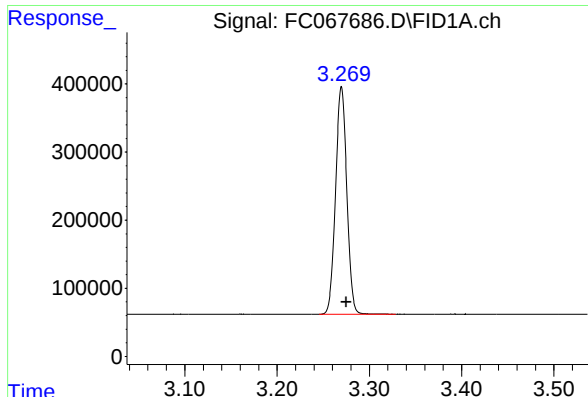
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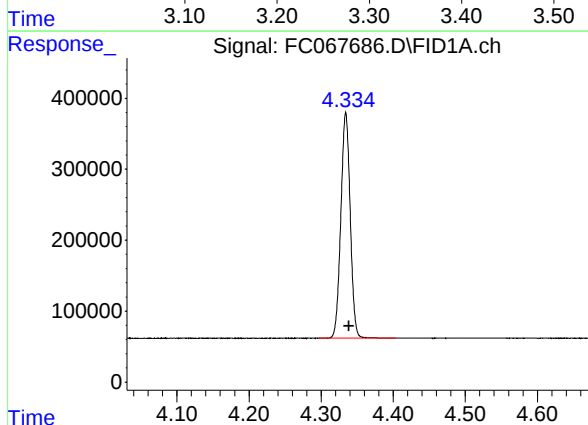




#1 n-Nonane (C9)

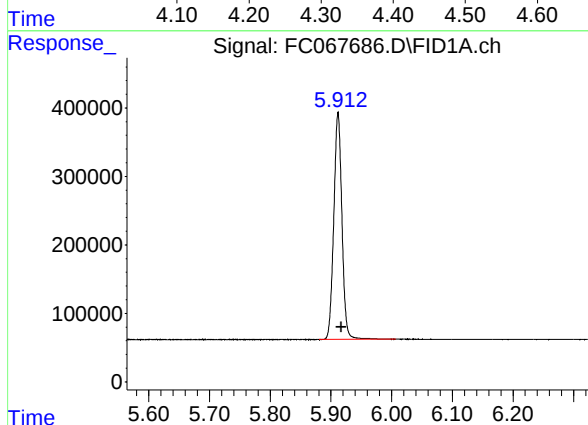
R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 2824623
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



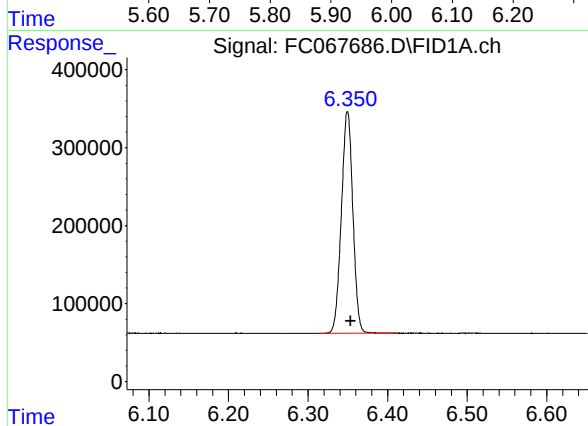
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: -0.004 min
Response: 2874481
Conc: 21.10 ug/ml



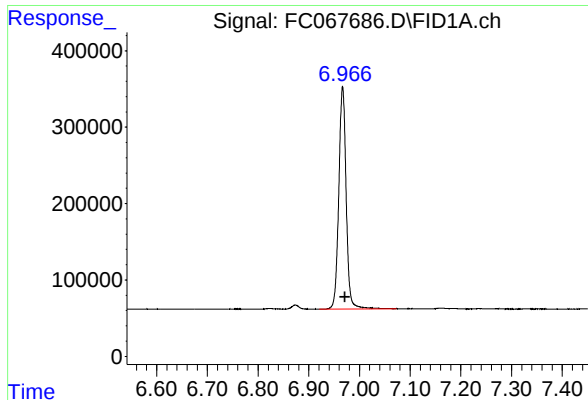
#3 A~Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 3105397
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

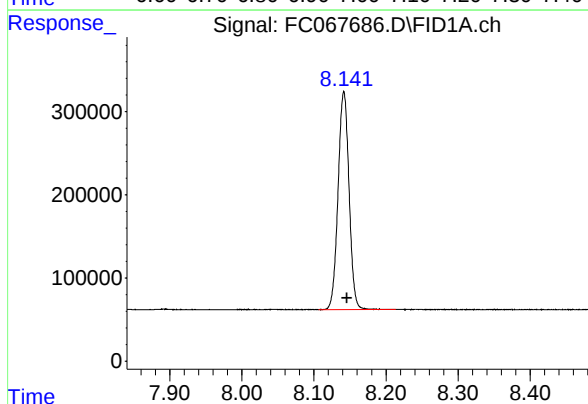
R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 2861766
Conc: 21.13 ug/ml



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

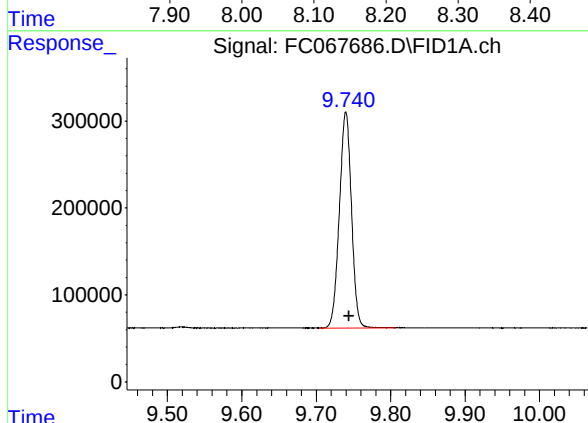
R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 2945397
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



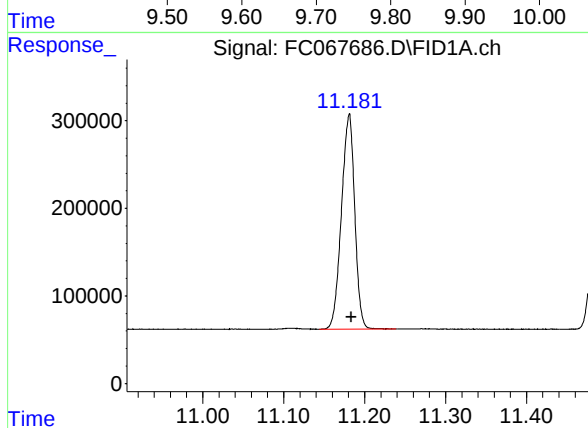
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 2780125
Conc: 21.18 ug/ml



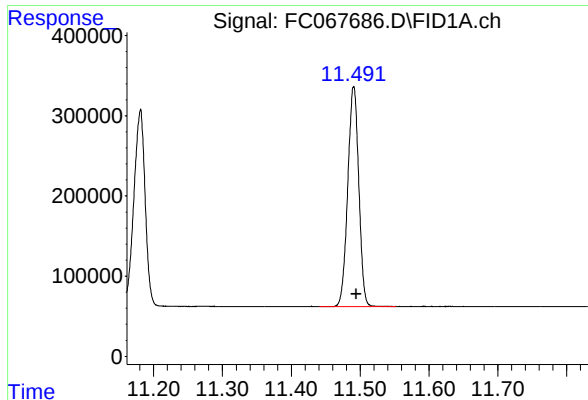
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 2808943
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

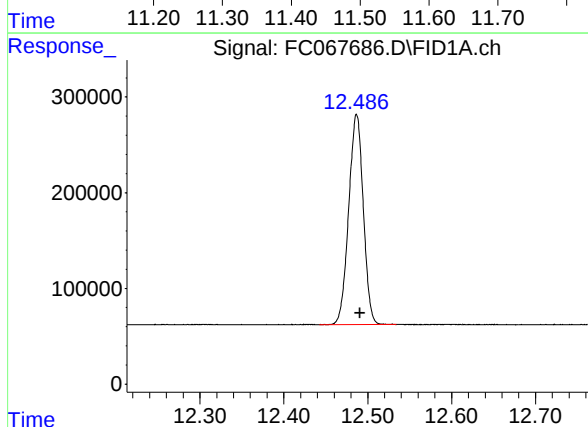
R.T.: 11.181 min
Delta R.T.: -0.003 min
Response: 2798732
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

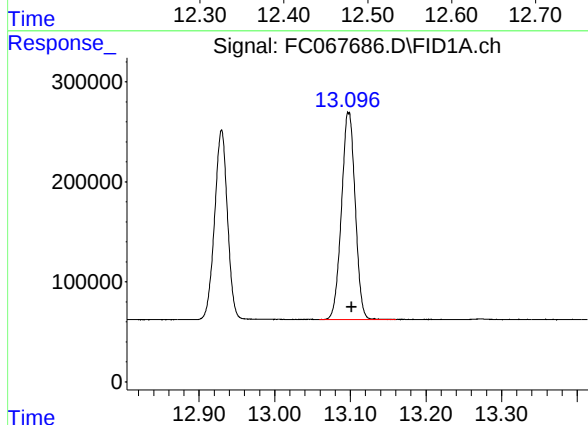
R.T.: 11.491 min
Delta R.T.: -0.004 min
Response: 3054560
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



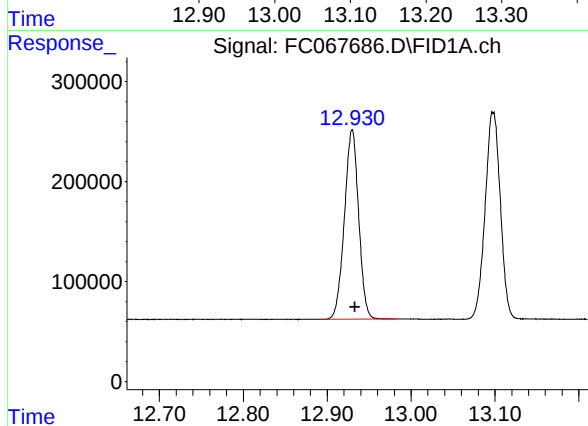
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 2659831
Conc: 21.08 ug/ml



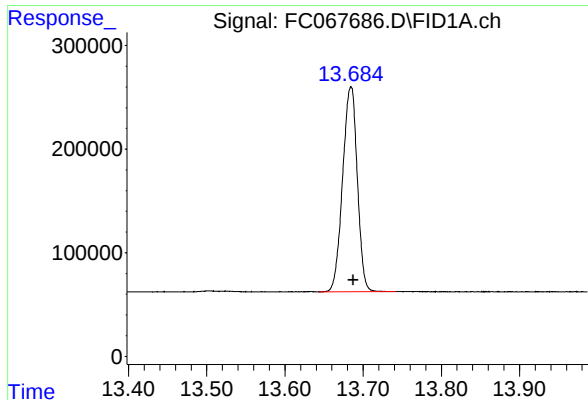
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 2608843
Conc: 21.14 ug/ml



#12 1-chlorooctadecane (SURR)

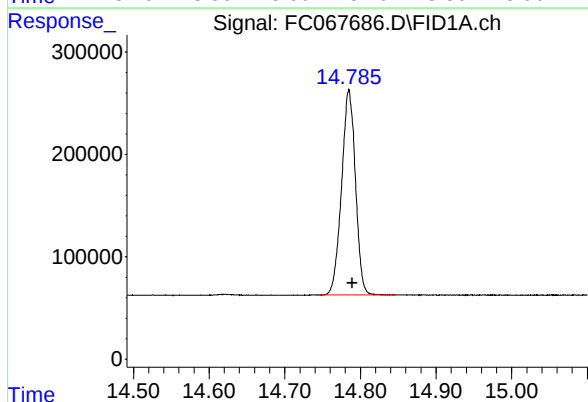
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2238084
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

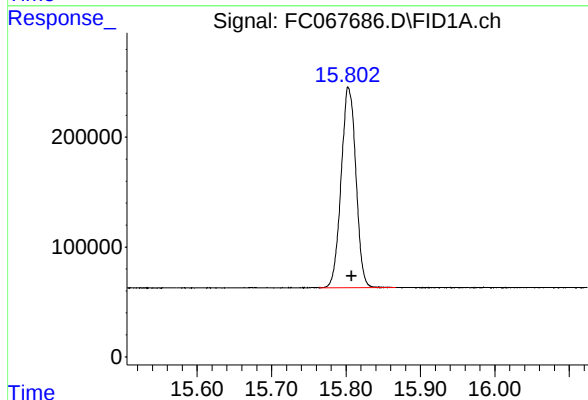
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2580033
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



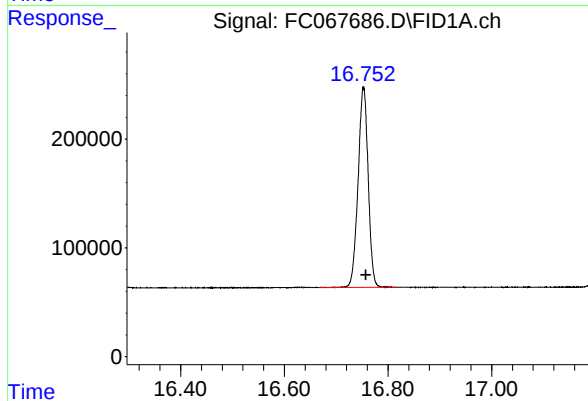
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 2552393
Conc: 21.06 ug/ml



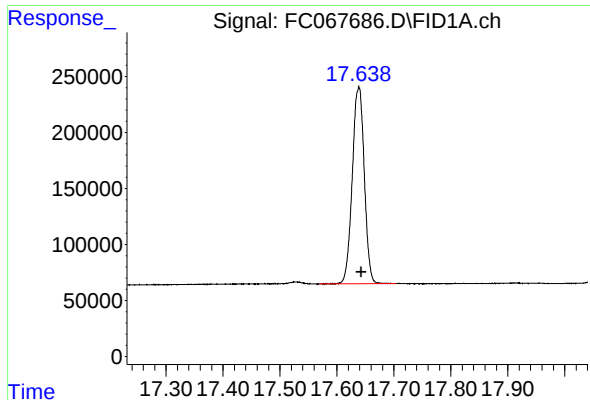
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.004 min
Response: 2511584
Conc: 21.10 ug/ml



#16 n-Octacosane (C28)

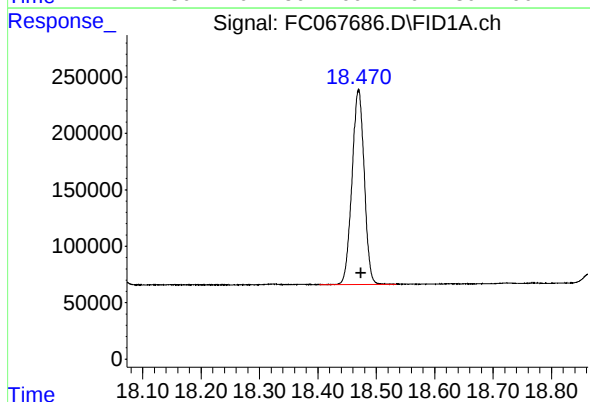
R.T.: 16.753 min
Delta R.T.: -0.005 min
Response: 2490633
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

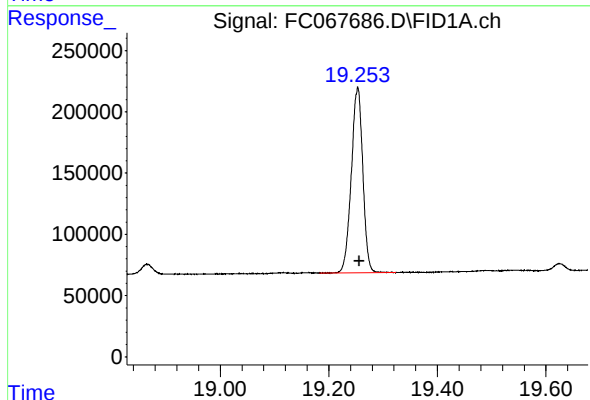
R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 2572632
Conc: 21.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



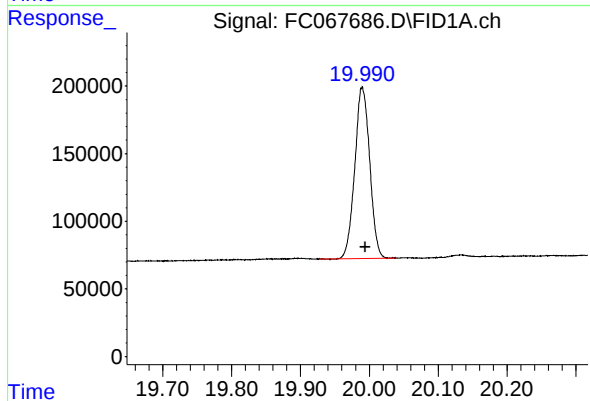
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.004 min
Response: 2509144
Conc: 21.21 ug/ml



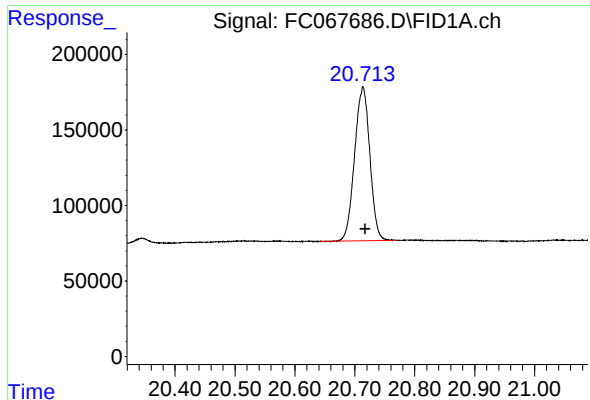
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 2225728
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

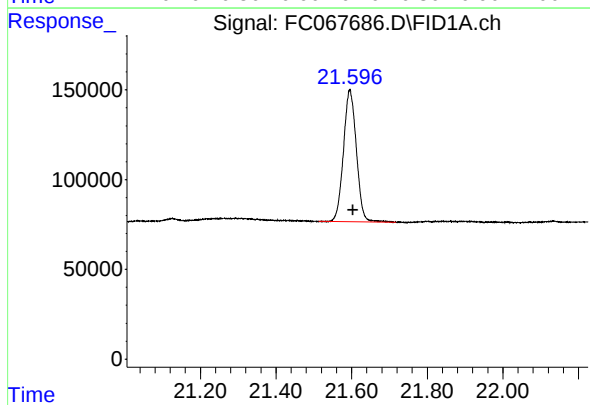
R.T.: 19.990 min
Delta R.T.: -0.005 min
Response: 1906225
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.004 min
Response: 1799633
Conc: 20.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.008 min
Response: 1744957
Conc: 20.53 ug/ml