

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120723AL\
 Data File : FC065356.D
 Signal(s) : FID1A.ch
 Acq On : 07 Dec 2023 12:55
 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: Dec 07 23:28:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 2023
 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)	11.508	4282293	18.458 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	12.940	3076373	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.303	3528106	17.619 ug/ml
2) T n-Decane (C10)	4.364	3665365	18.236 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3709948	18.273 ug/ml
4) T n-Dodecane (C12)	6.375	3749522	18.438 ug/ml
5) T A~2-methylnaphthalene...	7.000	3550907	18.270 ug/ml
6) T n-Tetradecane (C14)	8.163	3681883	18.527 ug/ml
7) T n-Hexadecane (C16)	9.758	3685664	18.606 ug/ml
8) T n-Octadecane (C18)	11.193	3683247	18.596 ug/ml
10) T n-Eicosane (C20)	12.496	3524154	18.623 ug/ml
11) T n-Heneicosane (C21)	13.105	3416941	18.493 ug/ml
13) T n-Docosane (C22)	13.689	3419694	18.955 ug/ml
14) T n-Tetracosane (C24)	14.788	3440950	19.847 ug/ml
15) T n-Hexacosane (C26)	15.804	3365733	20.213 ug/ml
16) T n-Octacosane (C28)	16.749	3377259	21.115 ug/ml
17) T n-Tricontane (C30)	17.633	3478404	21.845 ug/ml
18) T n-Dotriacontane (C32)	18.462	3427939	21.806 ug/ml
19) T n-Tetratriacontane (C34)	19.243	3135471	20.318 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2993862	19.531 ug/ml
21) T n-Octatriacontane (C38)	20.702	2929679	19.266 ug/ml
22) T n-Tetracontane (C40)	21.577	2932721	19.564 ug/ml

(f)=RT Delta > 1/2 Window

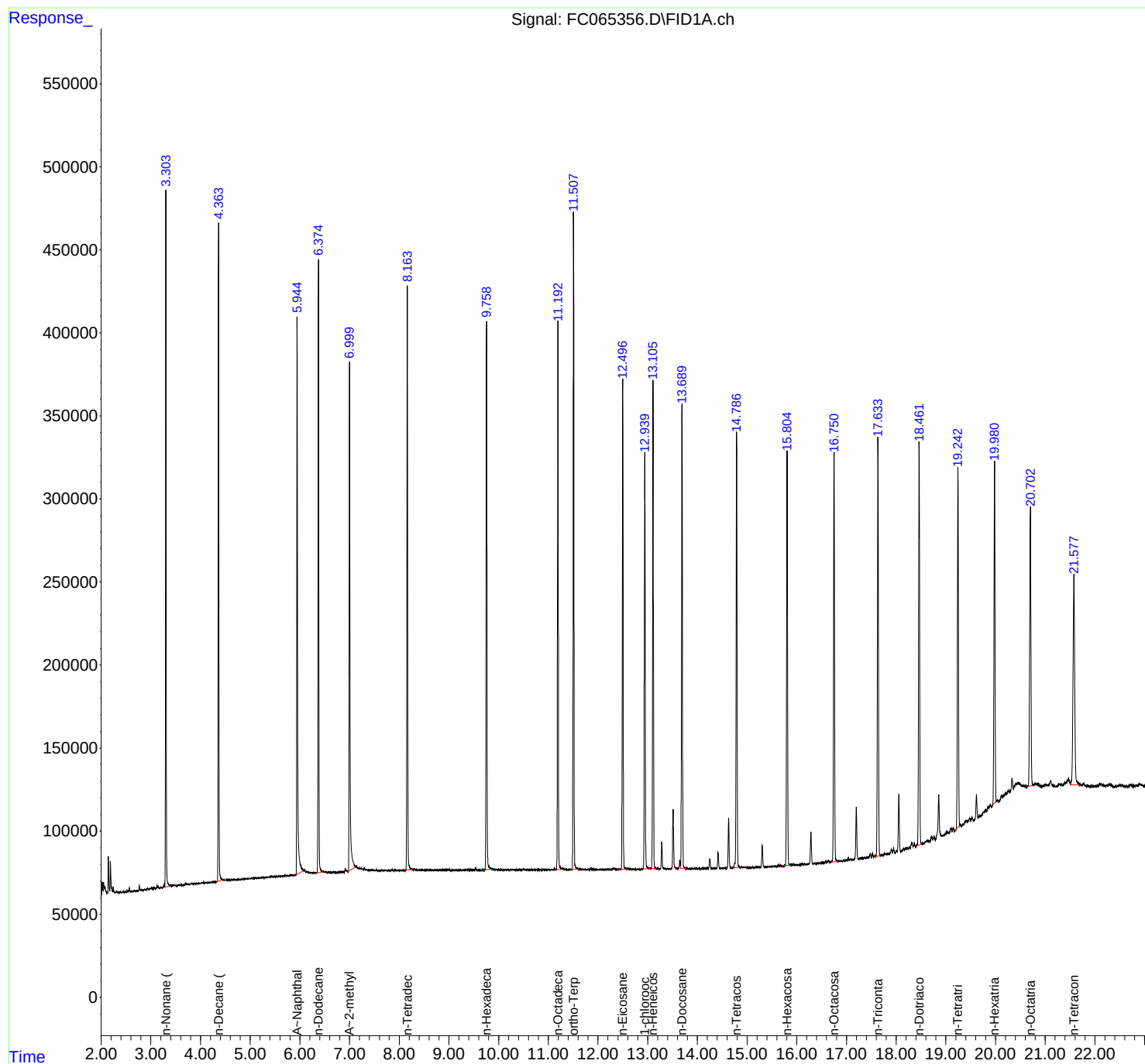
(m)=manual int.

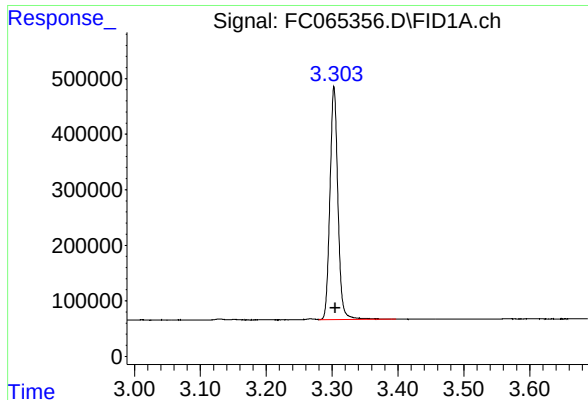
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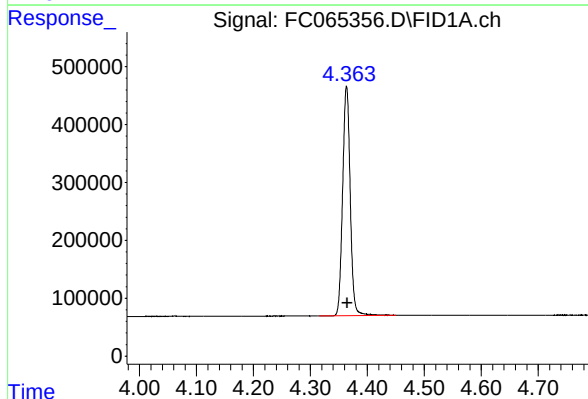




#1 n-Nonane (C9)

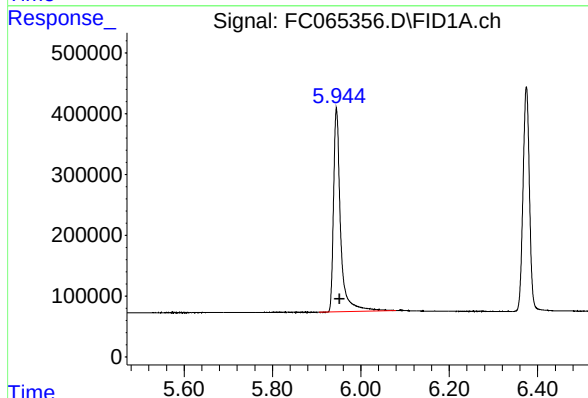
R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3528106
Conc: 17.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



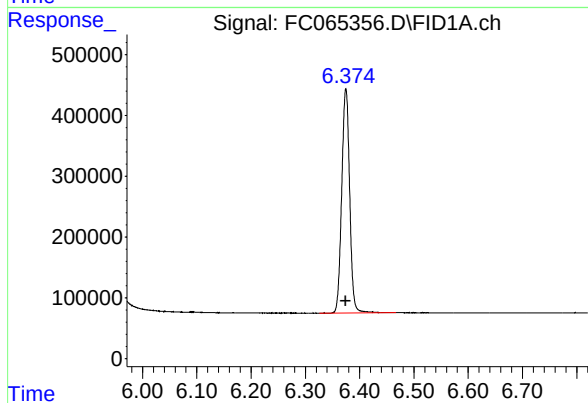
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 3665365
Conc: 18.24 ug/ml



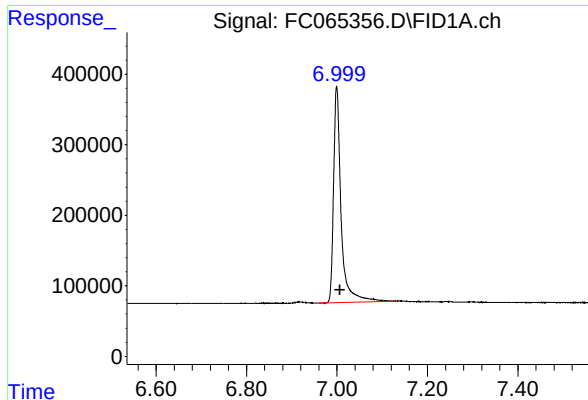
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3709948
Conc: 18.27 ug/ml



#4 n-Dodecane (C12)

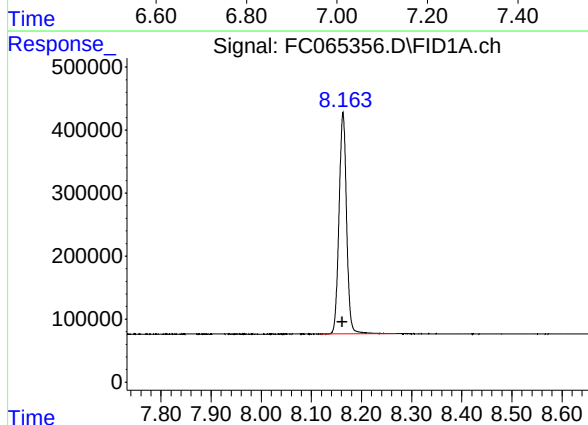
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 3749522
Conc: 18.44 ug/ml



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

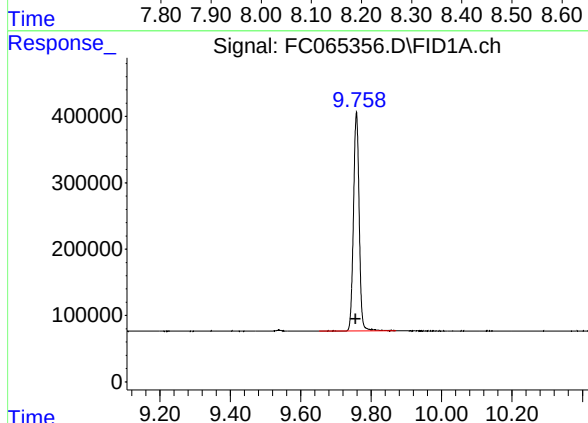
R.T.: 7.000 min
Delta R.T.: -0.007 min
Response: 3550907
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



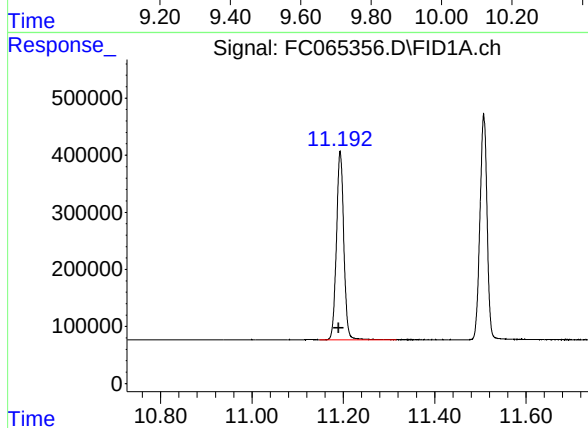
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 3681883
Conc: 18.53 ug/ml



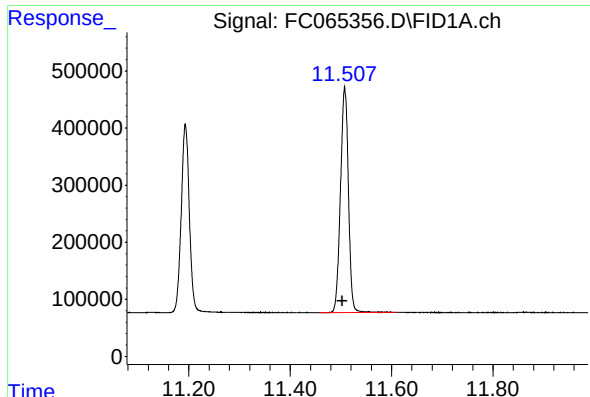
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.002 min
Response: 3685664
Conc: 18.61 ug/ml



#8 n-Octadecane (C18)

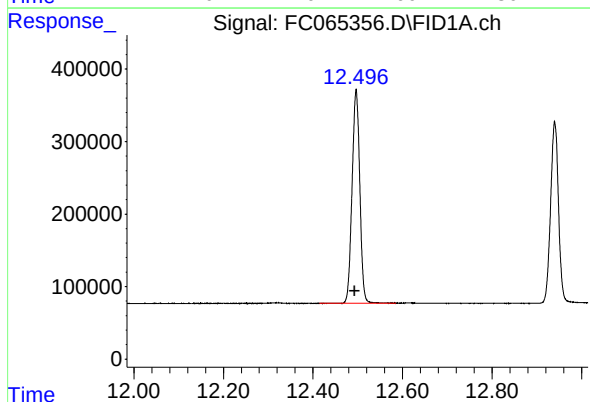
R.T.: 11.193 min
Delta R.T.: 0.003 min
Response: 3683247
Conc: 18.60 ug/ml



#9 ortho-Terphenyl (SURR)

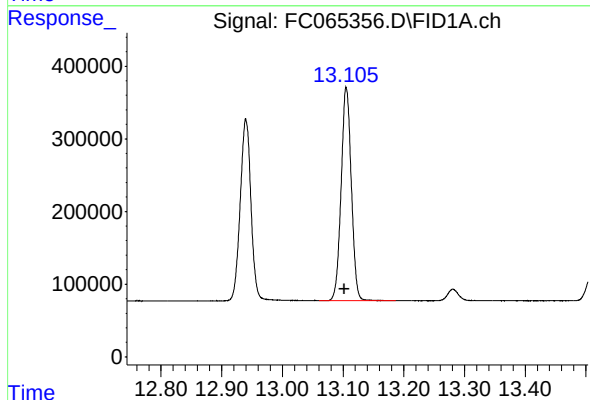
R.T.: 11.508 min
Delta R.T.: 0.005 min
Response: 4282293
Conc: 18.46 ug/ml

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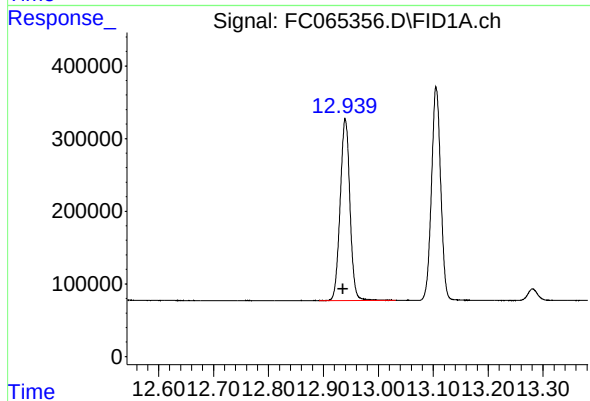
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.004 min
Response: 3524154
Conc: 18.62 ug/ml



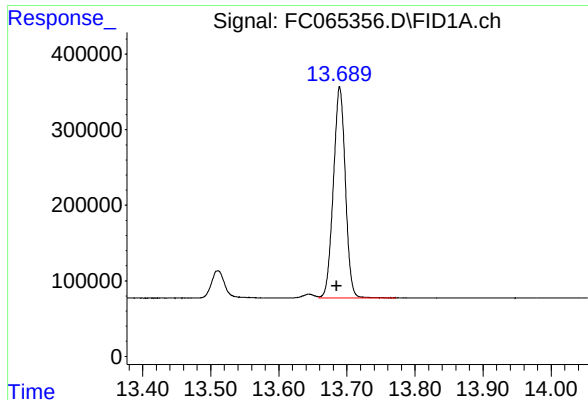
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.003 min
Response: 3416941
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

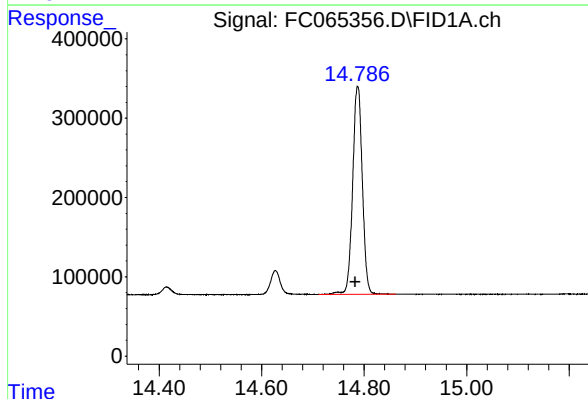
R.T.: 12.940 min
Delta R.T.: 0.004 min
Response: 3076373
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

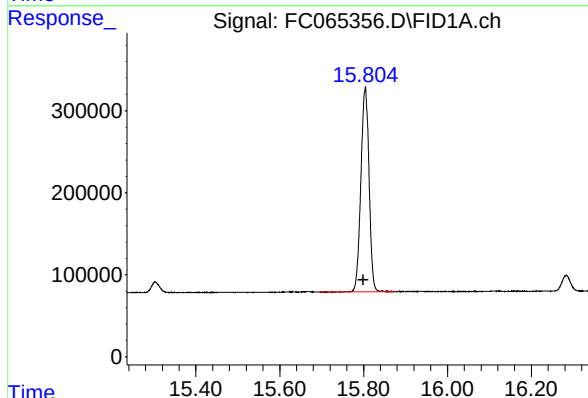
R.T.: 13.689 min
Delta R.T.: 0.004 min
Response: 3419694
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



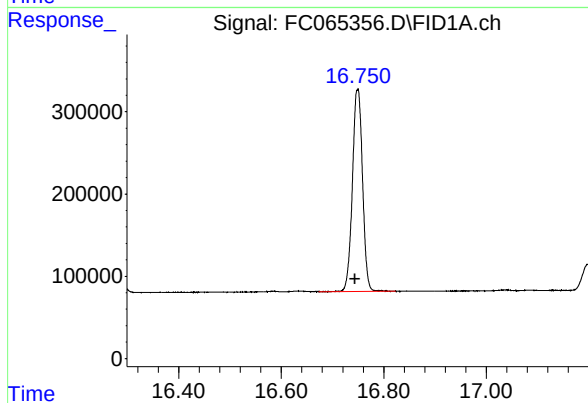
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: 0.005 min
Response: 3440950
Conc: 19.85 ug/ml



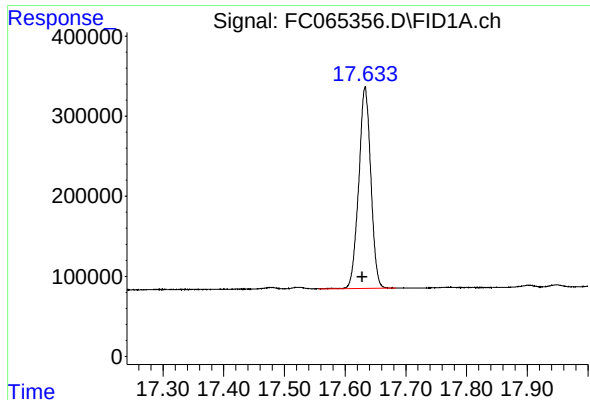
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.005 min
Response: 3365733
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

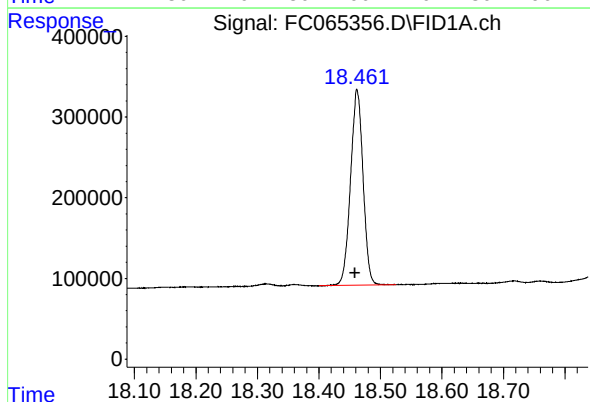
R.T.: 16.749 min
Delta R.T.: 0.006 min
Response: 3377259
Conc: 21.12 ug/ml



#17 n-Tricontane (C30)

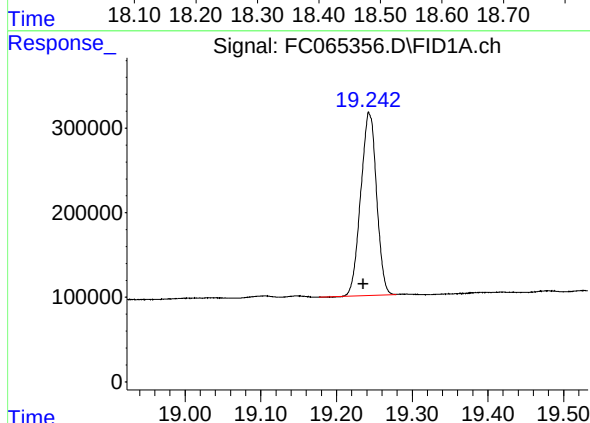
R.T.: 17.633 min
Delta R.T.: 0.005 min
Response: 3478404
Conc: 21.85 ug/ml

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ClientSampleId :
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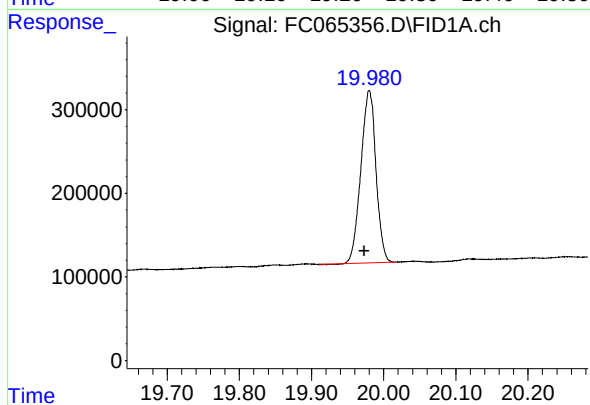
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: 0.004 min
Response: 3427939
Conc: 21.81 ug/ml



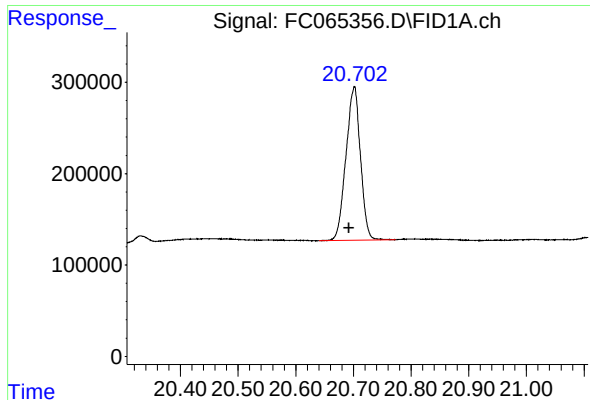
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: 0.008 min
Response: 3135471
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

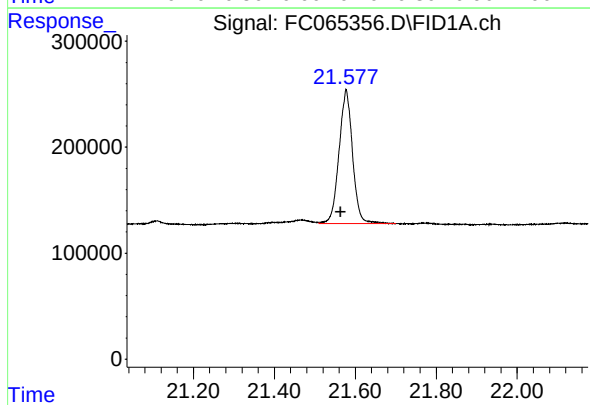
R.T.: 19.980 min
Delta R.T.: 0.007 min
Response: 2993862
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: 0.010 min
Response: 2929679
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: 0.014 min
Response: 2932721
Conc: 19.56 ug/ml