

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082625AL\
 Data File : FC069751.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 20:51
 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 27 01:08:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.662	2861524	19.181 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.098	2143297	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.398	2712658	19.040 ug/ml
2) T n-Decane (C10)	4.468	2815346	19.365 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2964827	19.108 ug/ml
4) T n-Dodecane (C12)	6.493	2841100	19.435 ug/ml
5) T A~2-methylnaphthalene...	7.122	2828932	19.209 ug/ml
6) T n-Tetradecane (C14)	8.291	2835014	19.865 ug/ml
7) T n-Hexadecane (C16)	9.895	2877248	19.959 ug/ml
8) T n-Octadecane (C18)	11.340	2800845	19.806 ug/ml
10) T n-Eicosane (C20)	12.651	2581285	19.596 ug/ml
11) T n-Heneicosane (C21)	13.264	2482521	19.464 ug/ml
13) T n-Docosane (C22)	13.851	2431585	19.465 ug/ml
14) T n-Tetracosane (C24)	14.956	2350681	19.480 ug/ml
15) T n-Hexacosane (C26)	15.979	2245576	19.434 ug/ml
16) T n-Octacosane (C28)	16.929	2208726	19.705 ug/ml
17) T n-Tricontane (C30)	17.819	2328341	20.336 ug/ml
18) T n-Dotriacontane (C32)	18.653	2357930	21.227 ug/ml
19) T n-Tetratriacontane (C34)	19.439	2167947	21.291 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1857761	20.835 ug/ml
21) T n-Octatriacontane (C38)	20.945	1652304	20.540 ug/ml
22) T n-Tetracontane (C40)	21.907	1527083	20.393 ug/ml

(f)=RT Delta > 1/2 Window

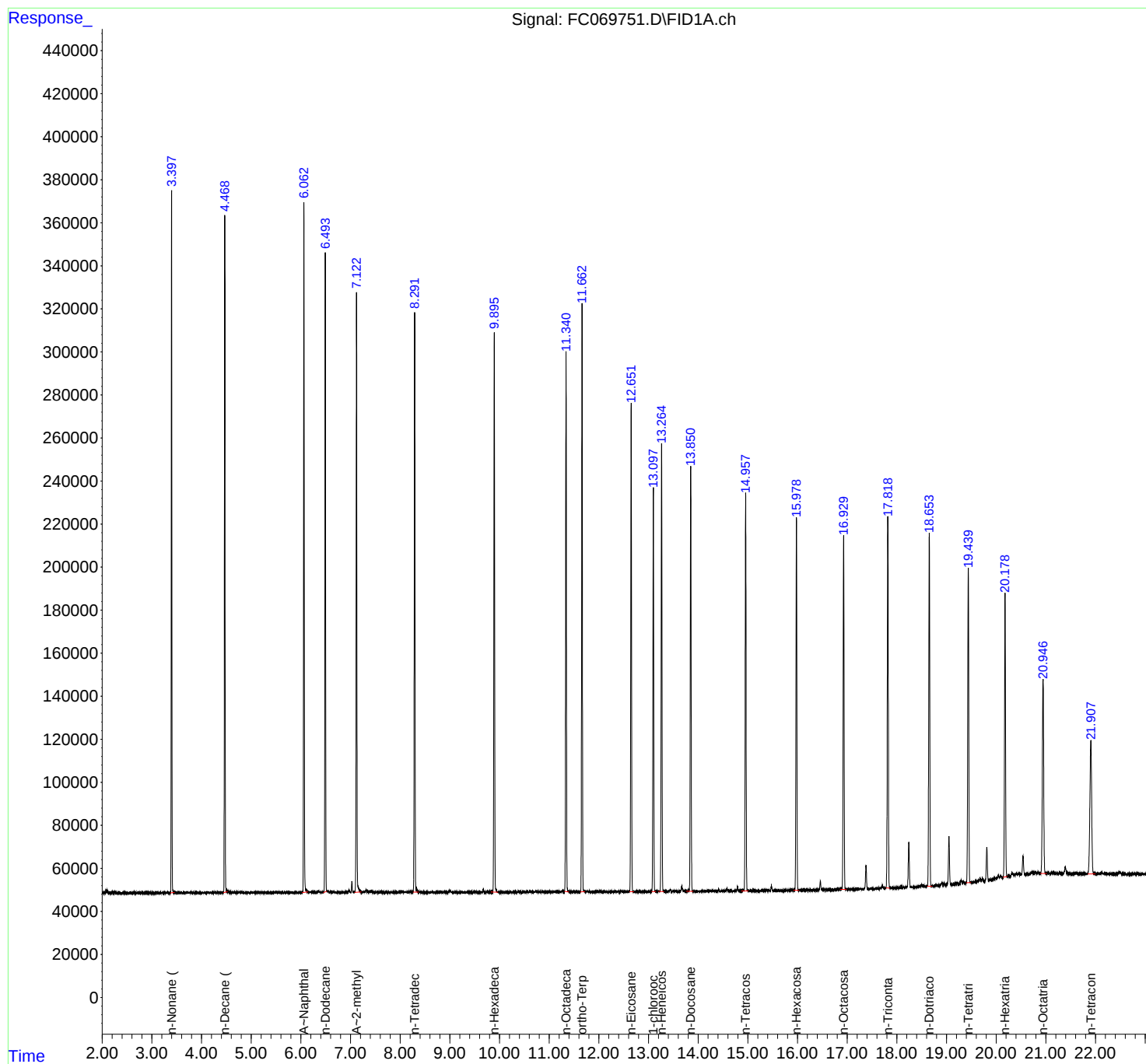
(m)=manual int.

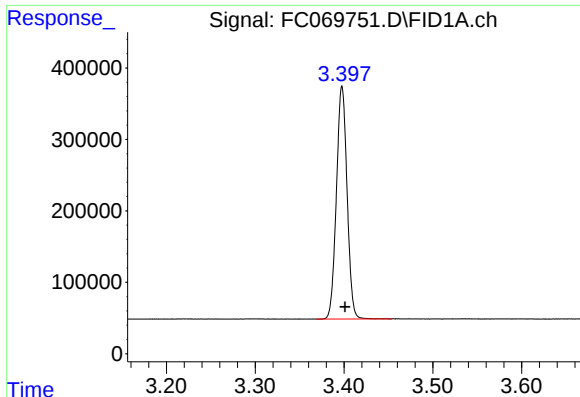
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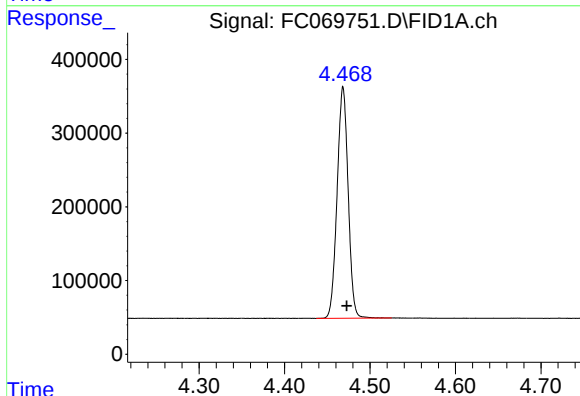




#1 n-Nonane (C9)

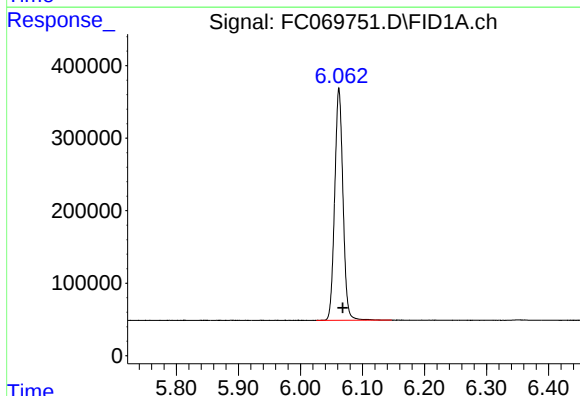
R.T.: 3.398 min
Delta R.T.: -0.003 min
Response: 2712658
Conc: 19.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



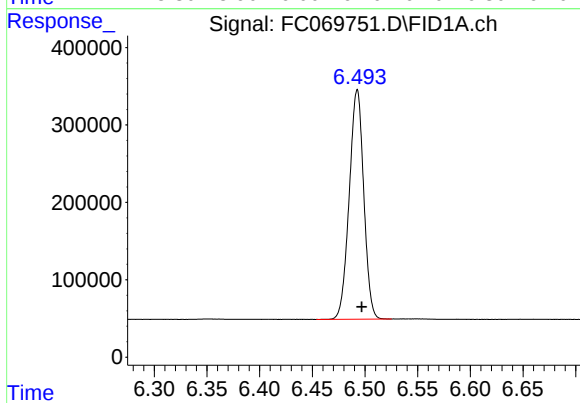
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 2815346
Conc: 19.37 ug/ml



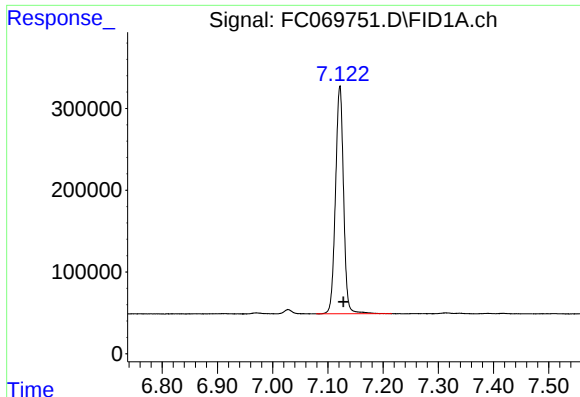
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 2964827
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

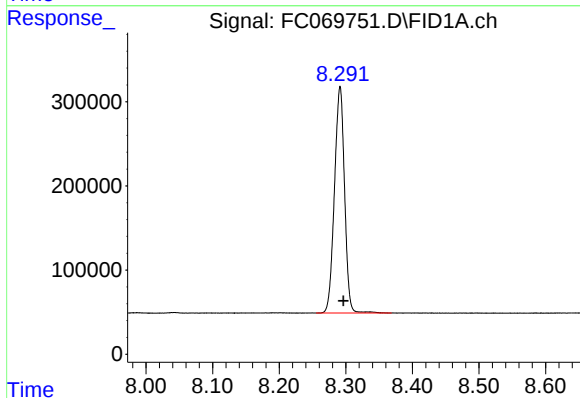
R.T.: 6.493 min
Delta R.T.: -0.005 min
Response: 2841100
Conc: 19.44 ug/ml



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

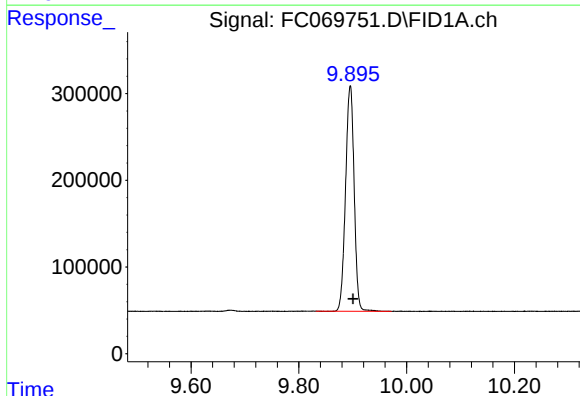
R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 2828932
Conc: 19.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



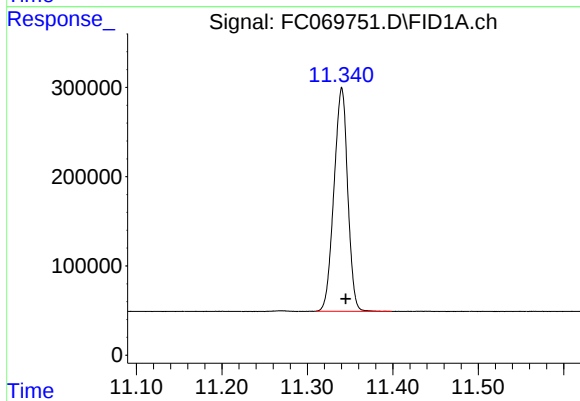
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 2835014
Conc: 19.87 ug/ml



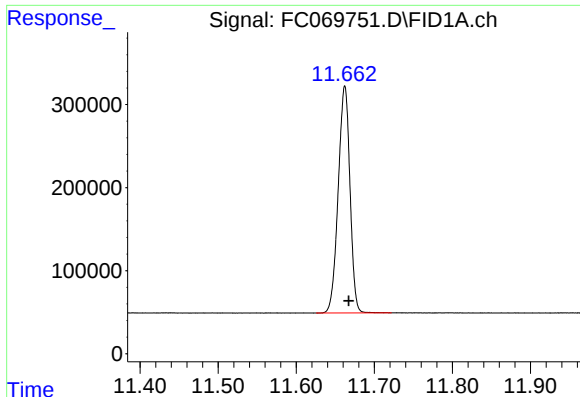
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.006 min
Response: 2877248
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

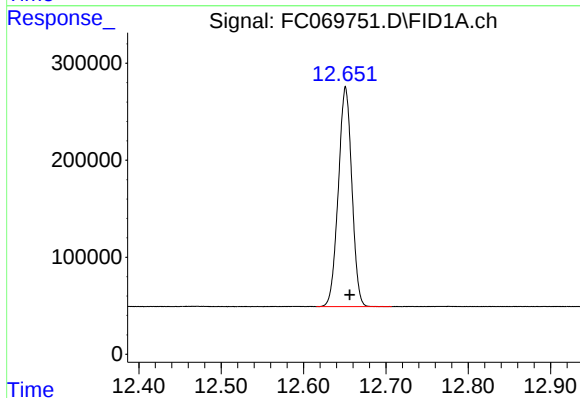
R.T.: 11.340 min
Delta R.T.: -0.005 min
Response: 2800845
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

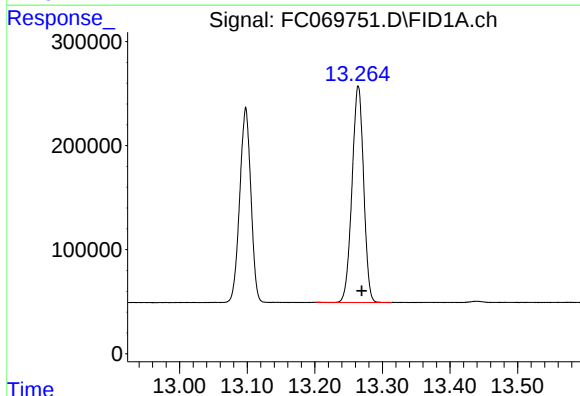
R.T.: 11.662 min
Delta R.T.: -0.005 min
Response: 2861524
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



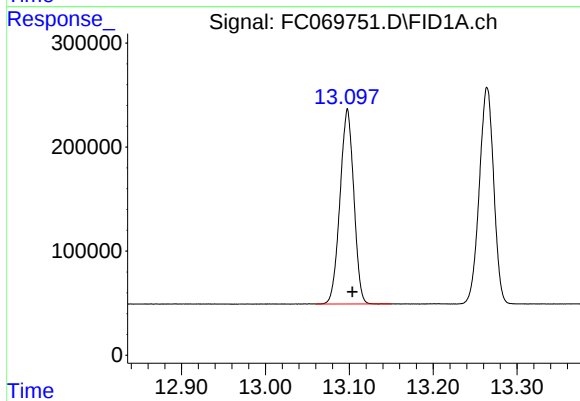
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.005 min
Response: 2581285
Conc: 19.60 ug/ml



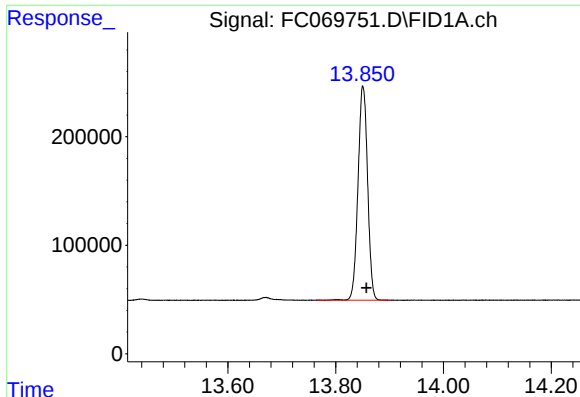
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.005 min
Response: 2482521
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

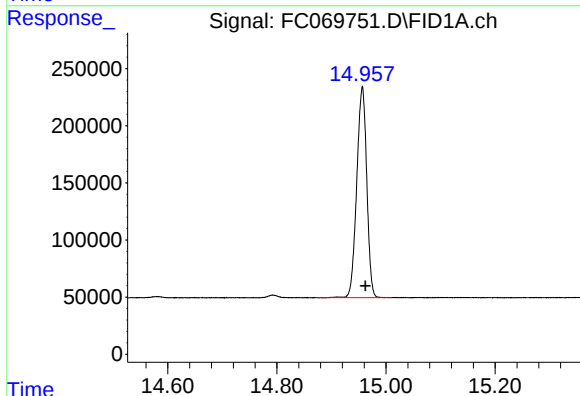
R.T.: 13.098 min
Delta R.T.: -0.006 min
Response: 2143297
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

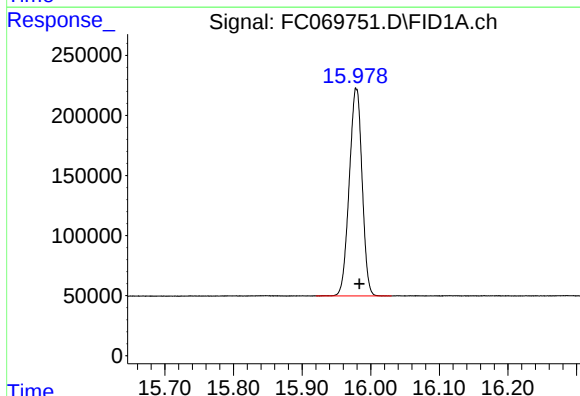
R.T.: 13.851 min
Delta R.T.: -0.006 min
Response: 2431585
Conc: 19.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



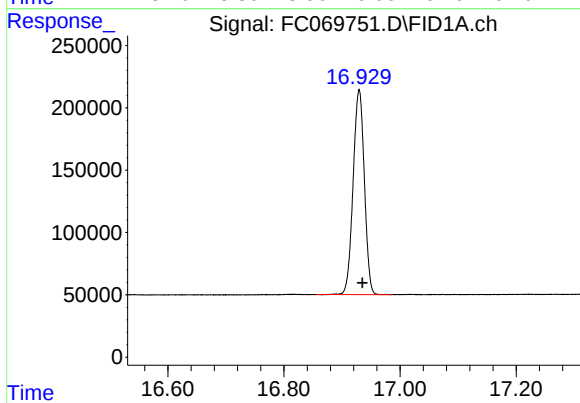
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 2350681
Conc: 19.48 ug/ml



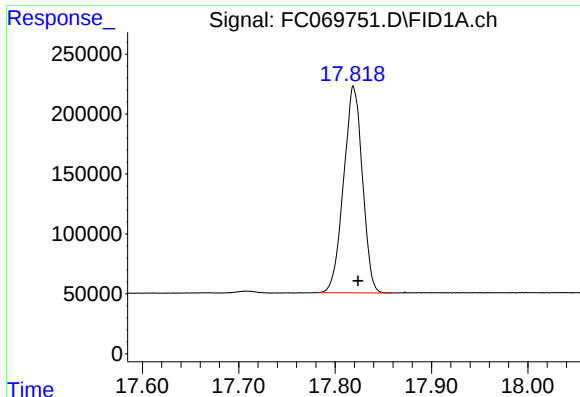
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.005 min
Response: 2245576
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

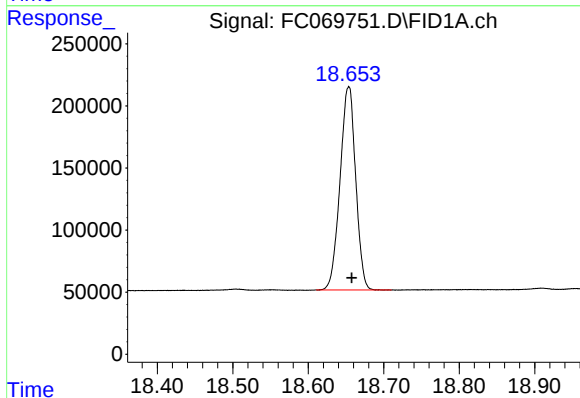
R.T.: 16.929 min
Delta R.T.: -0.006 min
Response: 2208726
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

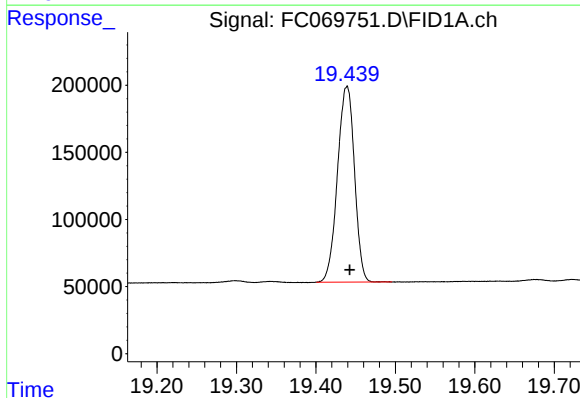
R.T.: 17.819 min
Delta R.T.: -0.004 min
Response: 2328341
Conc: 20.34 ug/ml

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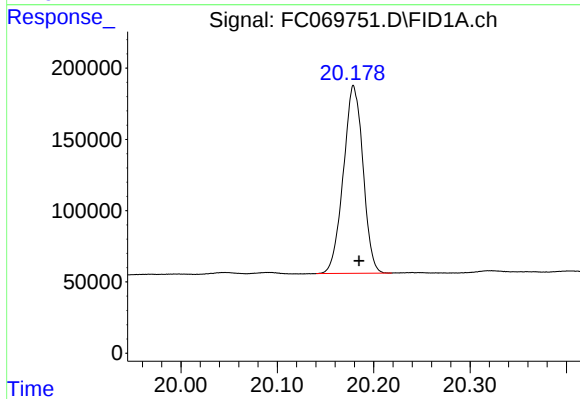
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.004 min
Response: 2357930
Conc: 21.23 ug/ml



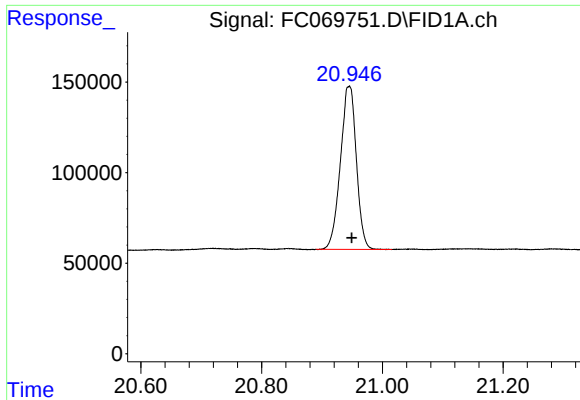
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.004 min
Response: 2167947
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

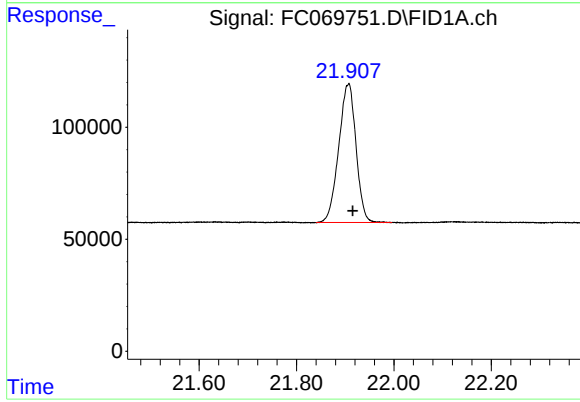
R.T.: 20.179 min
Delta R.T.: -0.005 min
Response: 1857761
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.004 min
Response: 1652304
Conc: 20.54 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.009 min
Response: 1527083
Conc: 20.39 ug/ml