

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080625AL\
 Data File : FC069580.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 12:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 07 02:47:41 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)	11.668	2697041	18.078 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
12) S 1-chlorooctadecane (S...	13.104	2001175	18.355 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T n-Nonane (C9)	3.397	2487951	17.463 ug/ml
2) T n-Decane (C10)	4.470	2573492	17.702 ug/ml
3) T A~Naphthalene (C11.7)	6.067	2764187	17.815 ug/ml
4) T n-Dodecane (C12)	6.496	2597633	17.770 ug/ml
5) T A~2-methylnaphthalene...	7.127	2637770	17.911 ug/ml
6) T n-Tetradecane (C14)	8.296	2556317	17.913 ug/ml
7) T n-Hexadecane (C16)	9.901	2609725	18.103 ug/ml
8) T n-Octadecane (C18)	11.345	2577233	18.225 ug/ml
10) T n-Eicosane (C20)	12.657	2402044	18.235 ug/ml
11) T n-Heneicosane (C21)	13.270	2319677	18.187 ug/ml
13) T n-Docosane (C22)	13.858	2281632	18.265 ug/ml
14) T n-Tetracosane (C24)	14.962	2229413	18.475 ug/ml
15) T n-Hexacosane (C26)	15.985	2128527	18.421 ug/ml
16) T n-Octacosane (C28)	16.936	2078465	18.543 ug/ml
17) T n-Tricontane (C30)	17.825	2178259	19.025 ug/ml
18) T n-Dotriacontane (C32)	18.659	2183293	19.655 ug/ml
19) T n-Tetratriacontane (C34)	19.444	1980368	19.449 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1693817	18.996 ug/ml
21) T n-Octatriacontane (C38)	20.949	1500917	18.658 ug/ml
22) T n-Tetracontane (C40)	21.912	1394040	18.617 ug/ml

(f)=RT Delta > 1/2 Window

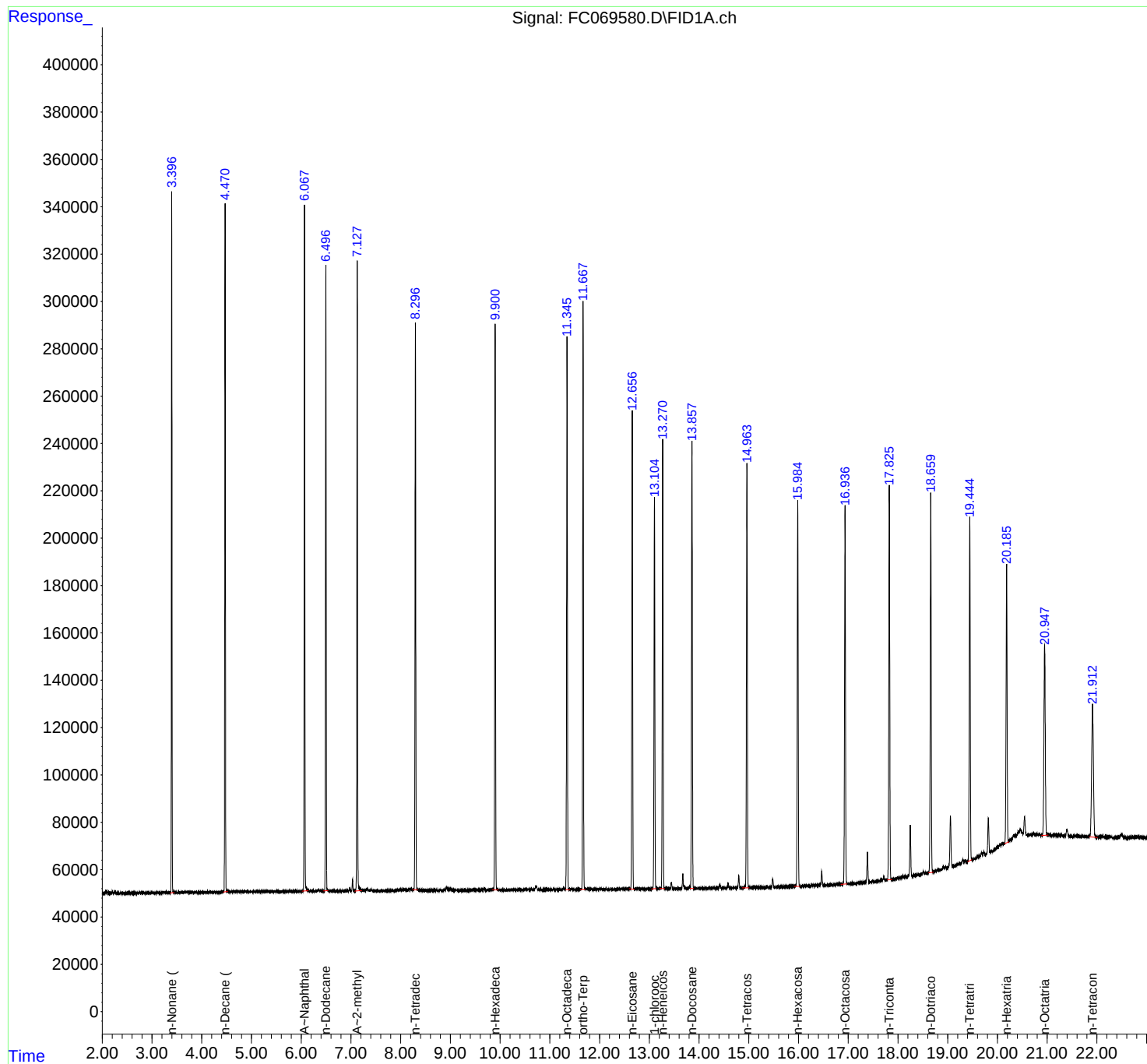
(m)=manual int.

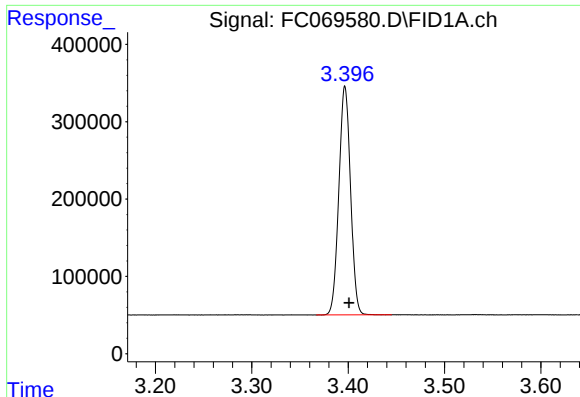
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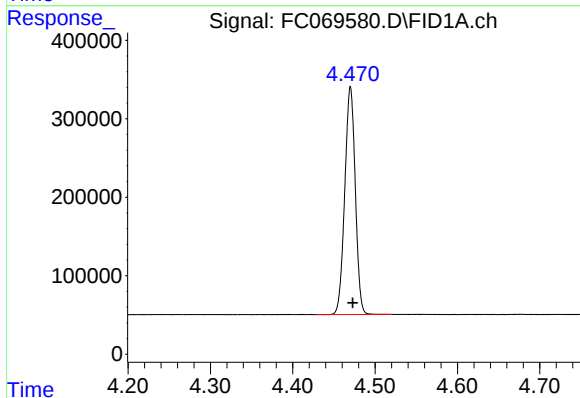




#1 n-Nonane (C9)

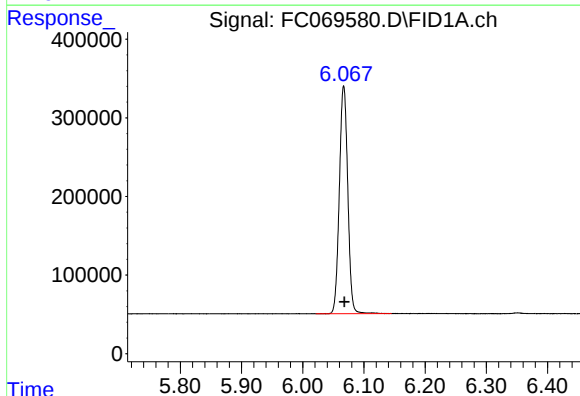
R.T.: 3.397 min
Delta R.T.: -0.004 min
Response: 2487951
Conc: 17.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



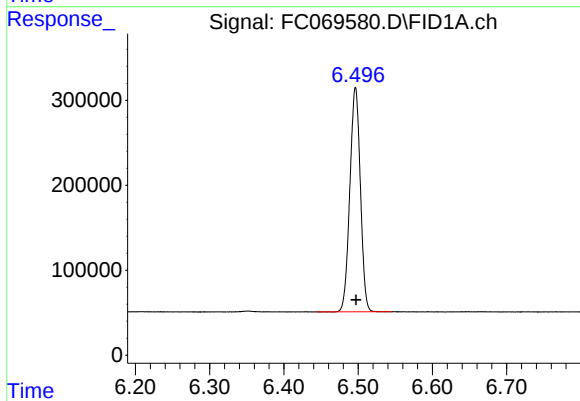
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 2573492
Conc: 17.70 ug/ml



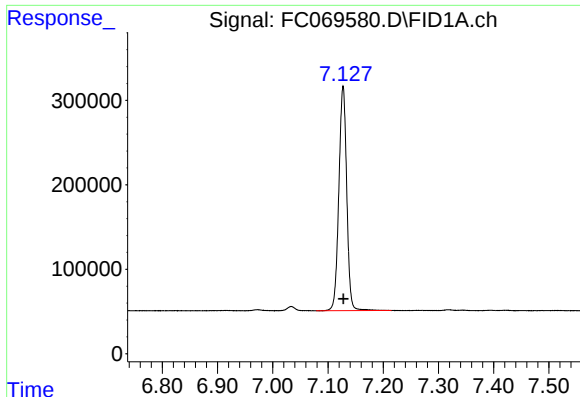
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 2764187
Conc: 17.81 ug/ml



#4 n-Dodecane (C12)

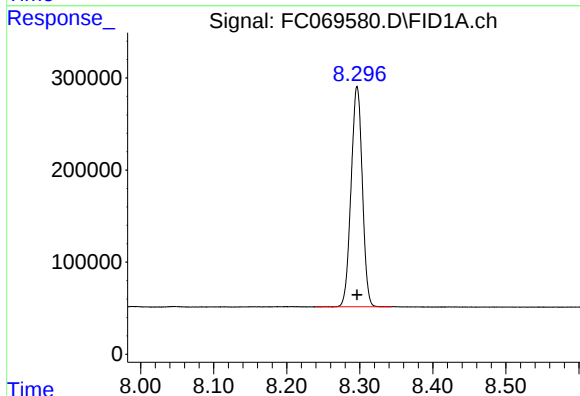
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 2597633
Conc: 17.77 ug/ml



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

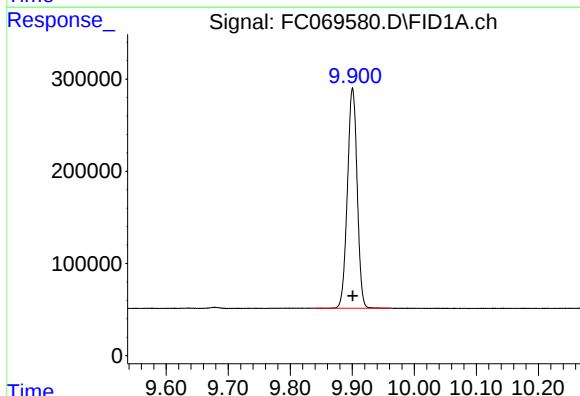
R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 2637770
Conc: 17.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



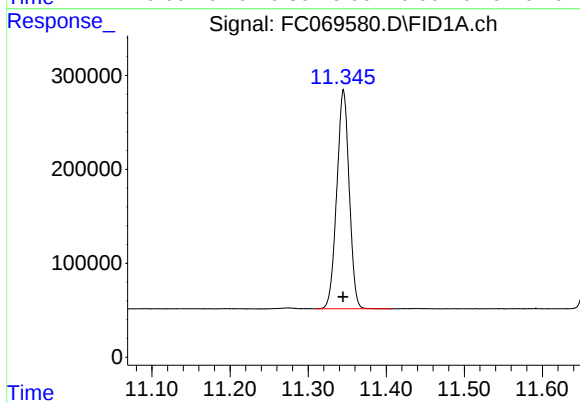
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2556317
Conc: 17.91 ug/ml



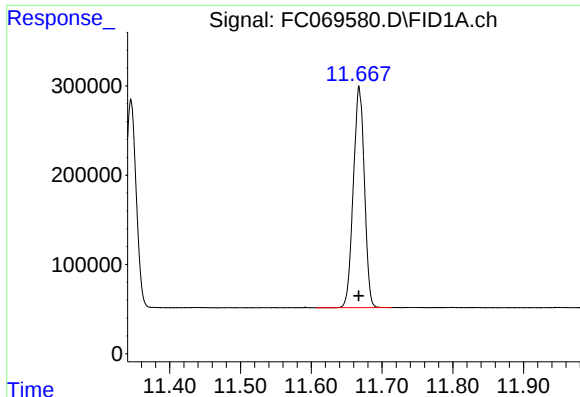
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 2609725
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

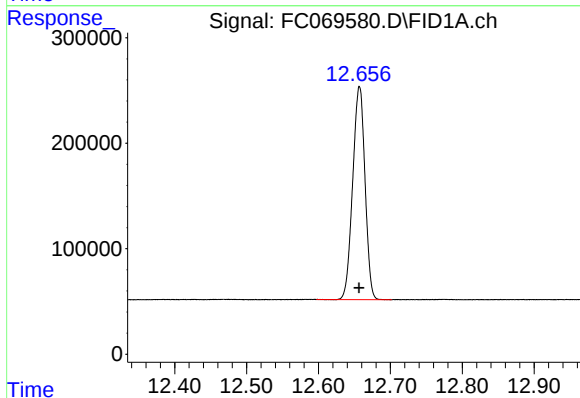
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 2577233
Conc: 18.22 ug/ml



#9 ortho-Terphenyl (SURR)

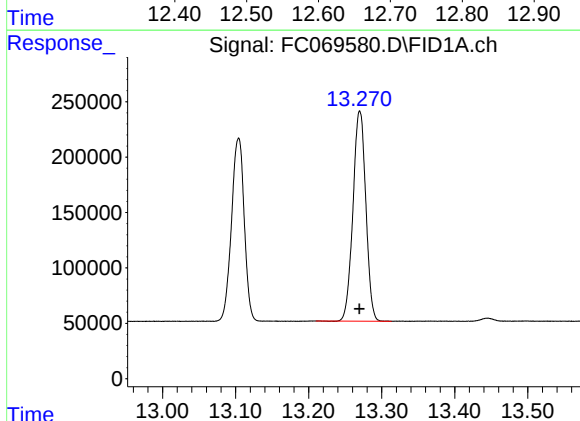
R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 2697041
Conc: 18.08 ug/ml

Instrument :
FID_C
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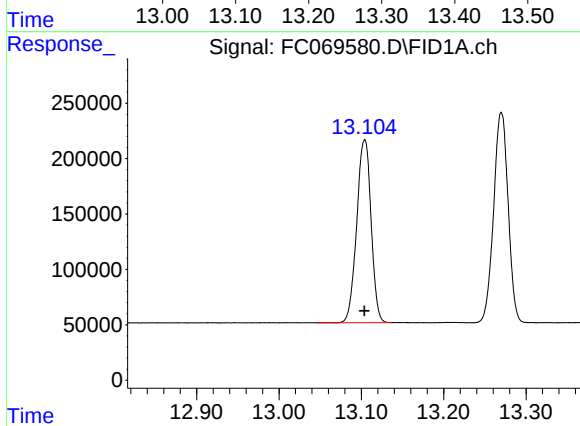
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.000 min
Response: 2402044
Conc: 18.23 ug/ml



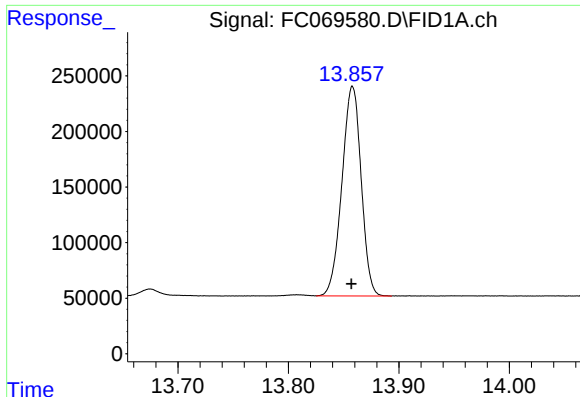
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2319677
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

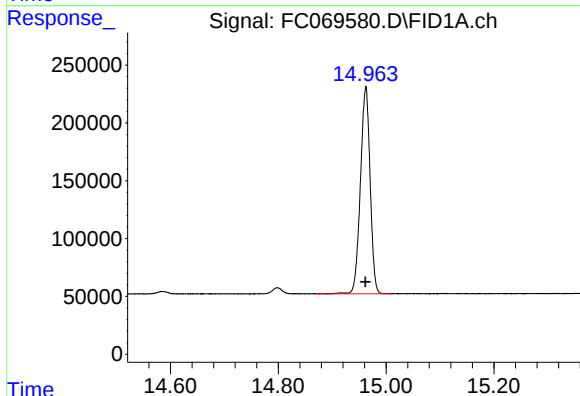
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2001175
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

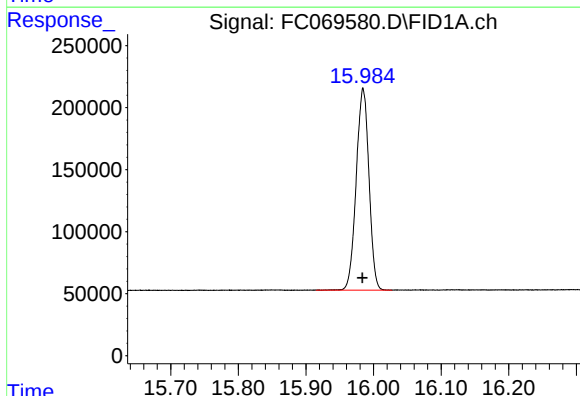
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 2281632
Conc: 18.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



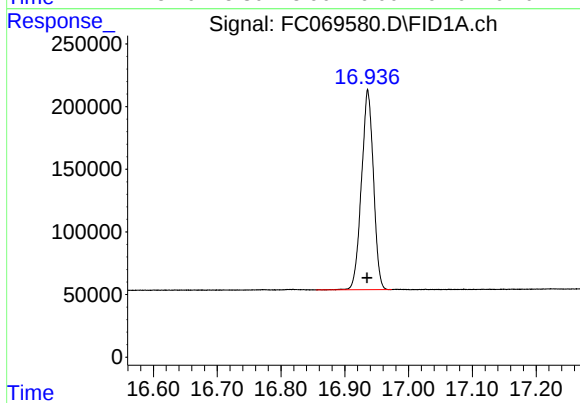
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 2229413
Conc: 18.48 ug/ml



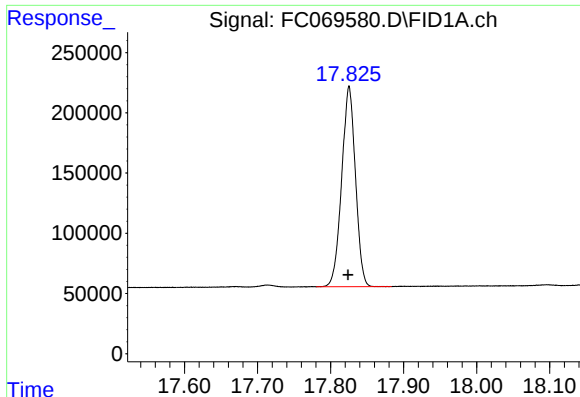
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.001 min
Response: 2128527
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

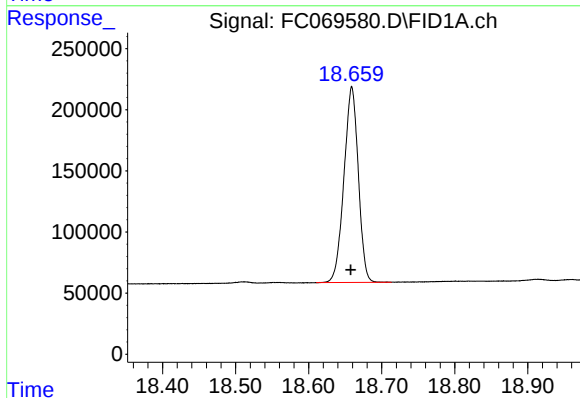
R.T.: 16.936 min
Delta R.T.: 0.001 min
Response: 2078465
Conc: 18.54 ug/ml



#17 n-Tricontane (C30)

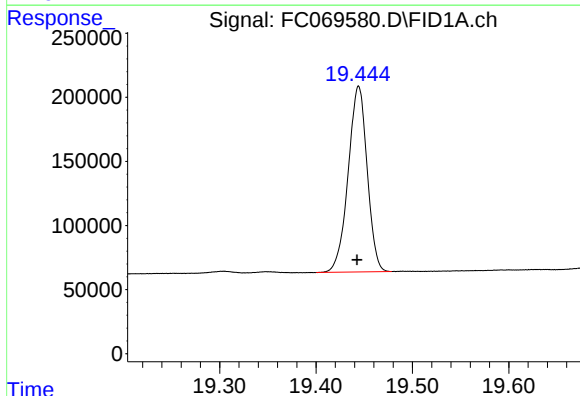
R.T.: 17.825 min
Delta R.T.: 0.002 min
Response: 2178259
Conc: 19.02 ug/ml

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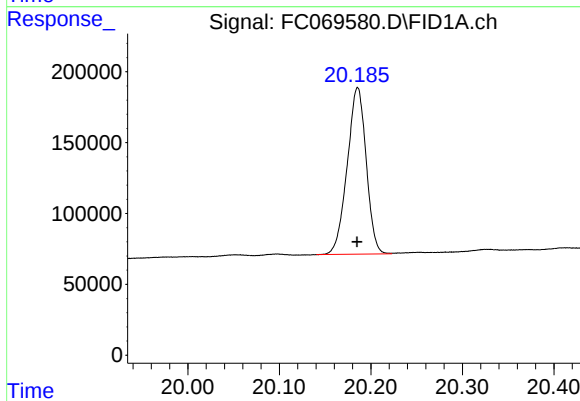
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.001 min
Response: 2183293
Conc: 19.65 ug/ml



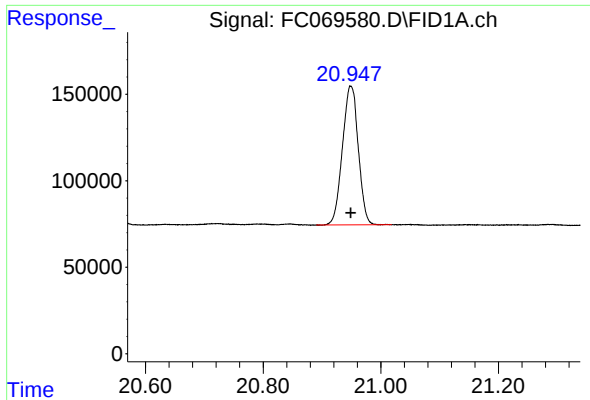
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.002 min
Response: 1980368
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

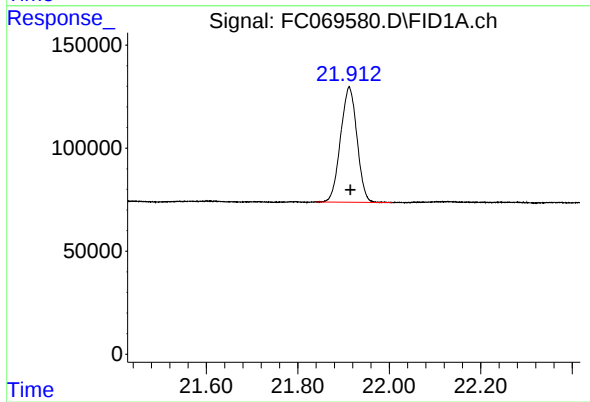
R.T.: 20.185 min
Delta R.T.: 0.000 min
Response: 1693817
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 1500917
Conc: 18.66 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.003 min
Response: 1394040
Conc: 18.62 ug/ml