

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081825AL\
 Data File : FC069704.D
 Signal(s) : FID1A.ch
 Acq On : 19 Aug 2025 00:14
 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 19 01:27:58 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)	11.659	2790874	18.707 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	13.094	2071511	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	3.395	2662539	18.688 ug/ml
2) T n-Decane (C10)	4.466	2726733	18.756 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2926282	18.859 ug/ml
4) T n-Dodecane (C12)	6.490	2724582	18.638 ug/ml
5) T A~2-methylnaphthalene...	7.119	2779342	18.872 ug/ml
6) T n-Tetradecane (C14)	8.289	2669773	18.708 ug/ml
7) T n-Hexadecane (C16)	9.893	2688513	18.650 ug/ml
8) T n-Octadecane (C18)	11.337	2608509	18.446 ug/ml
10) T n-Eicosane (C20)	12.649	2453409	18.625 ug/ml
11) T n-Heneicosane (C21)	13.261	2380440	18.664 ug/ml
13) T n-Docosane (C22)	13.848	2334803	18.690 ug/ml
14) T n-Tetracosane (C24)	14.953	2266221	18.780 ug/ml
15) T n-Hexacosane (C26)	15.974	2180708	18.872 ug/ml
16) T n-Octacosane (C28)	16.926	2097197	18.710 ug/ml
17) T n-Tricontane (C30)	17.815	2101097	18.351 ug/ml
18) T n-Dotriacontane (C32)	18.649	2041020	18.374 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1878814	18.452 ug/ml
20) T n-Hexatriacontane (C36)	20.174	1654453	18.555 ug/ml
21) T n-Octatriacontane (C38)	20.937	1523386	18.938 ug/ml
22) T n-Tetracontane (C40)	21.896	1427240	19.060 ug/ml

(f)=RT Delta > 1/2 Window

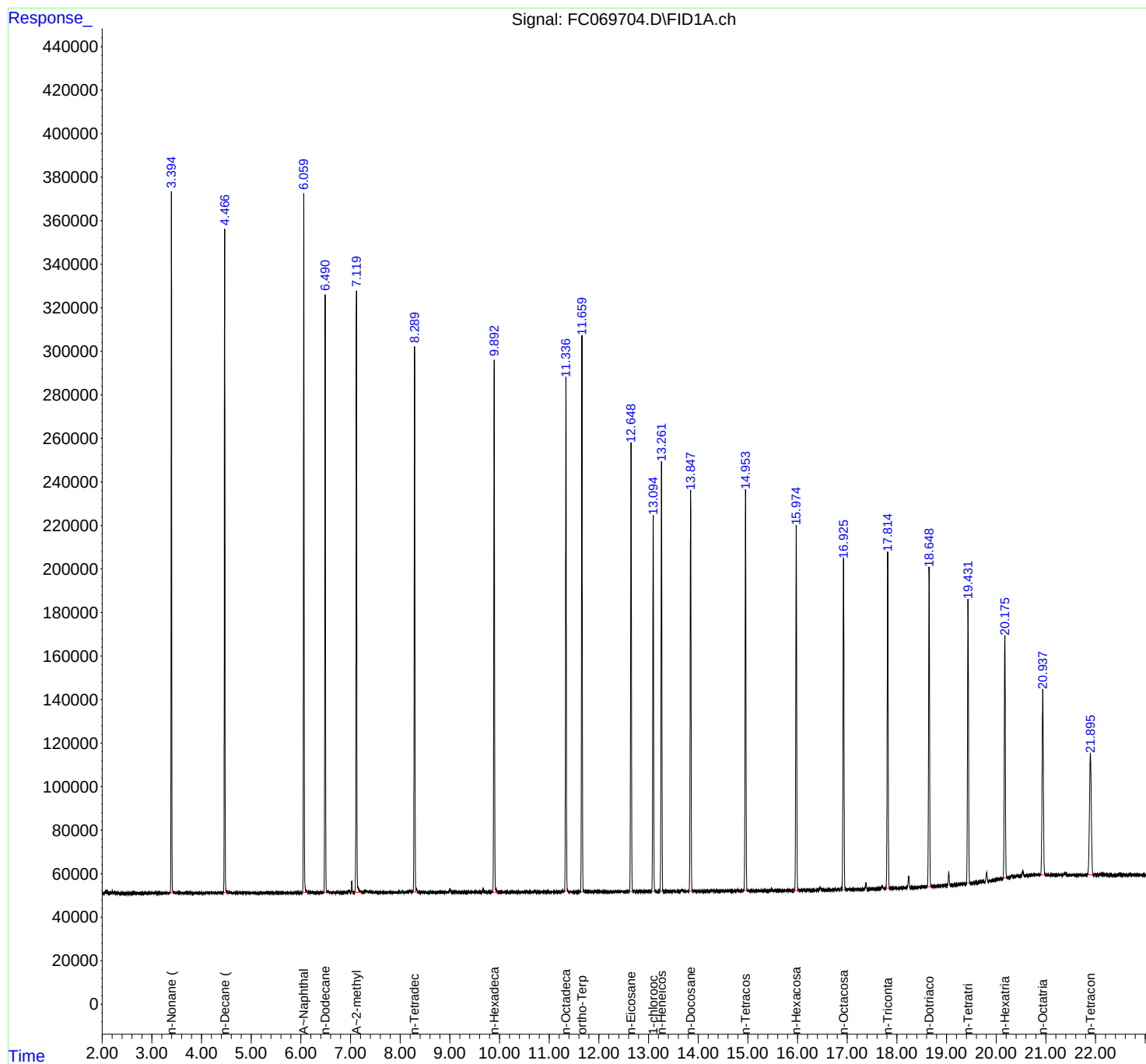
(m)=manual int.

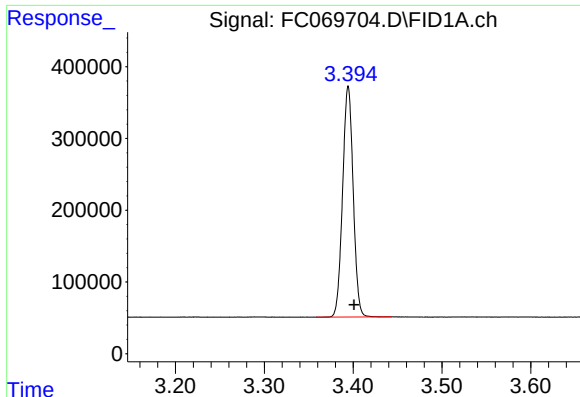
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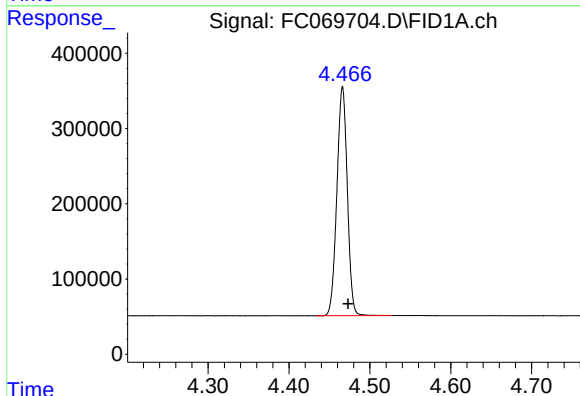




#1 n-Nonane (C9)

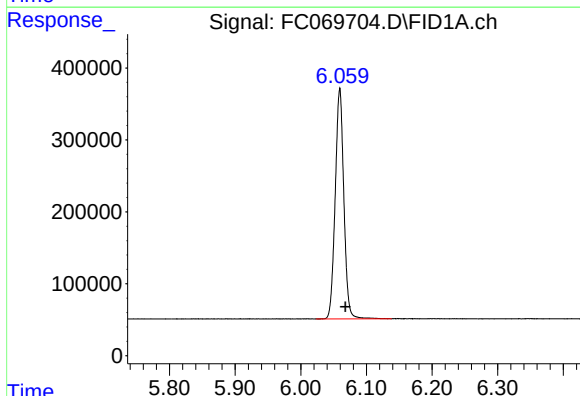
R.T.: 3.395 min
Delta R.T.: -0.006 min
Response: 2662539
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



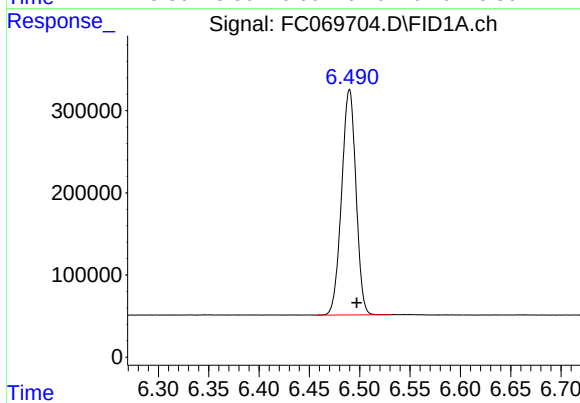
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.007 min
Response: 2726733
Conc: 18.76 ug/ml



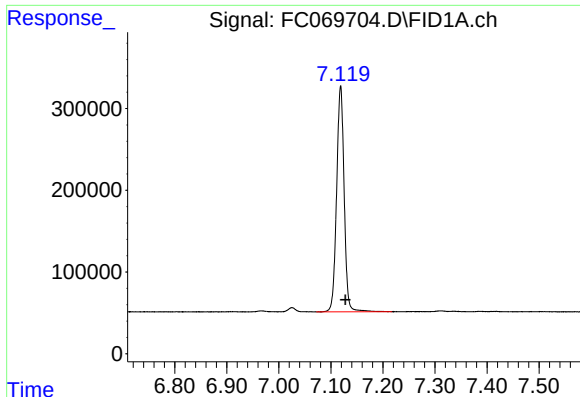
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.009 min
Response: 2926282
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

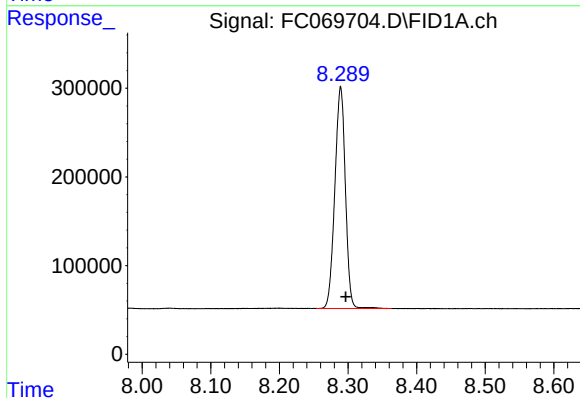
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2724582
Conc: 18.64 ug/ml



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

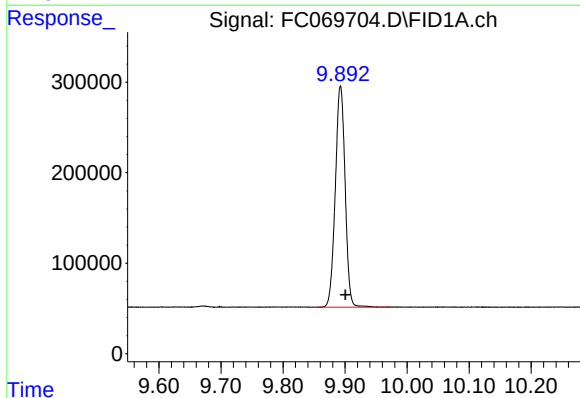
R.T.: 7.119 min
Delta R.T.: -0.009 min
Response: 2779342
Conc: 18.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



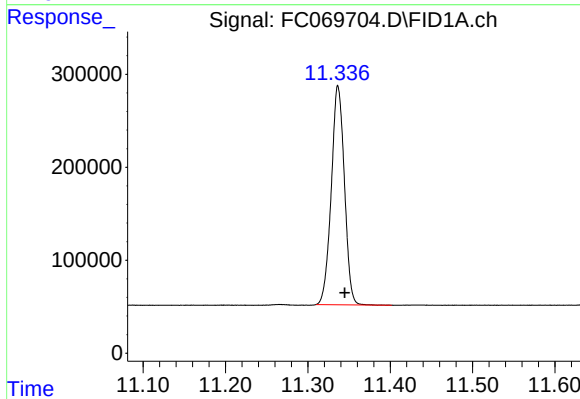
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2669773
Conc: 18.71 ug/ml



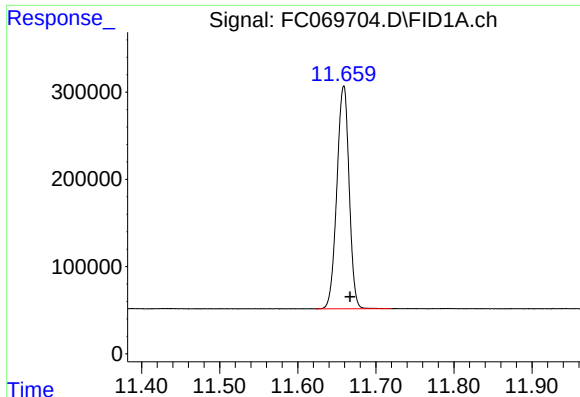
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.008 min
Response: 2688513
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

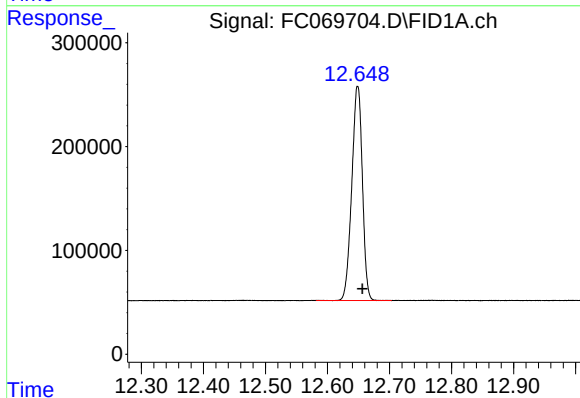
R.T.: 11.337 min
Delta R.T.: -0.008 min
Response: 2608509
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

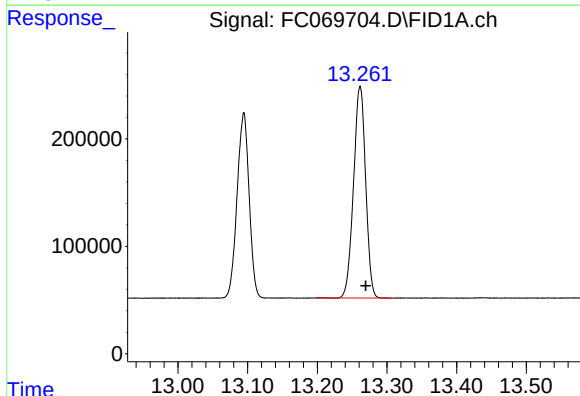
R.T.: 11.659 min
Delta R.T.: -0.008 min
Response: 2790874
Conc: 18.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



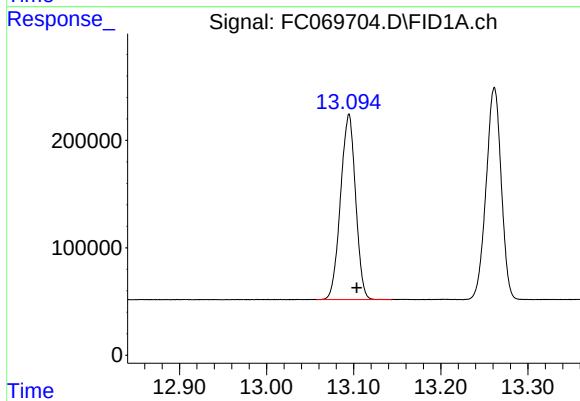
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.008 min
Response: 2453409
Conc: 18.62 ug/ml



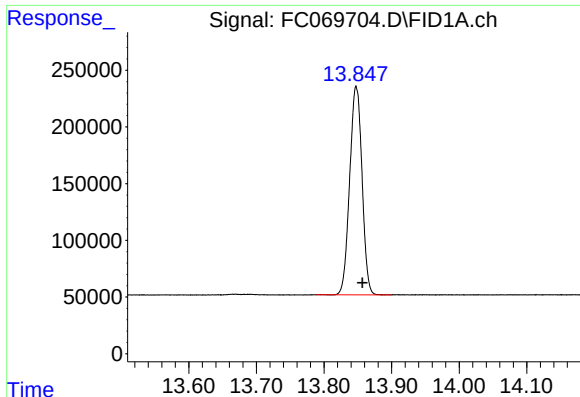
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.008 min
Response: 2380440
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

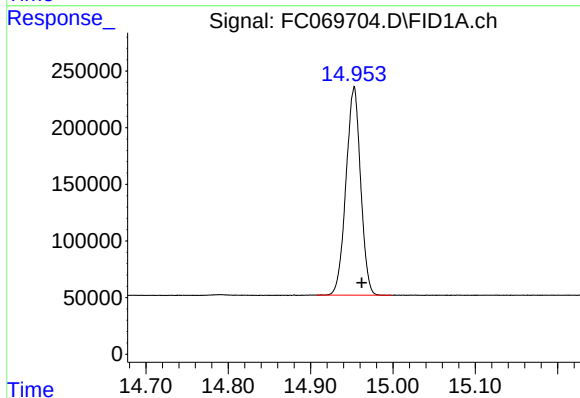
R.T.: 13.094 min
Delta R.T.: -0.009 min
Response: 2071511
Conc: 19.00 ug/ml



#13 n-Docosane (C22)

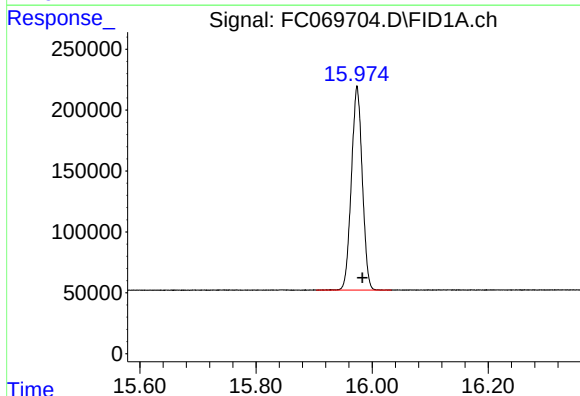
R.T.: 13.848 min
Delta R.T.: -0.009 min
Response: 2334803
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



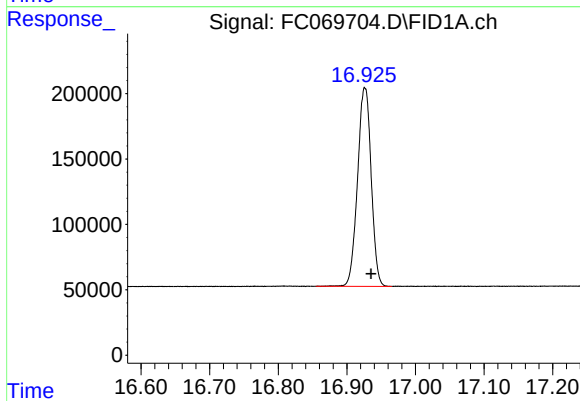
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 2266221
Conc: 18.78 ug/ml



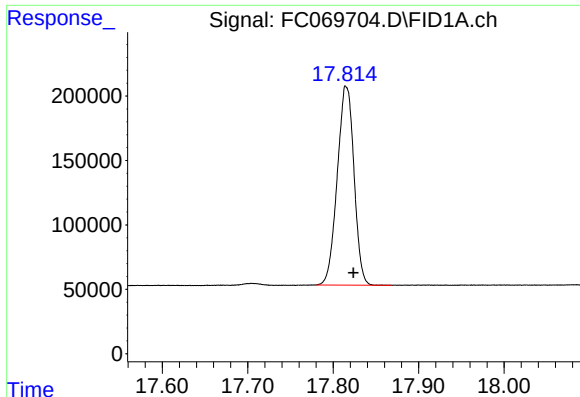
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: -0.009 min
Response: 2180708
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

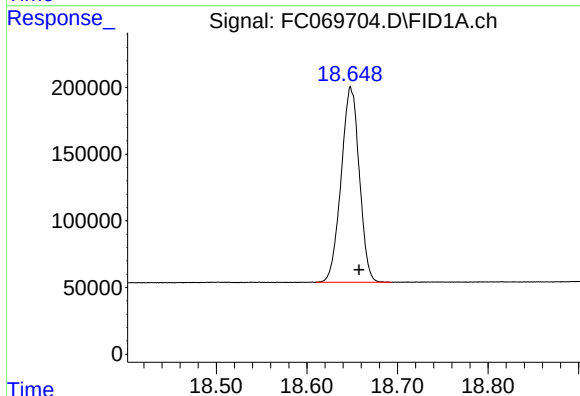
R.T.: 16.926 min
Delta R.T.: -0.009 min
Response: 2097197
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

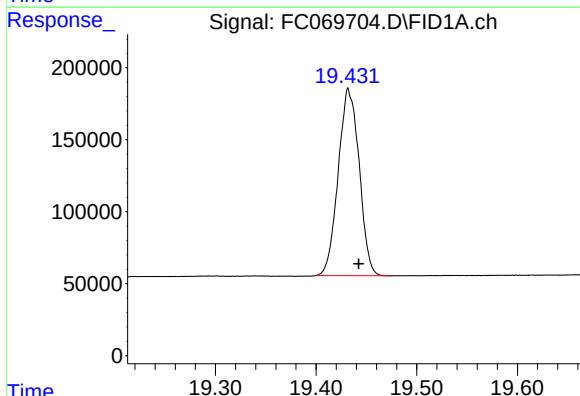
R.T.: 17.815 min
Delta R.T.: -0.008 min
Response: 2101097
Conc: 18.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



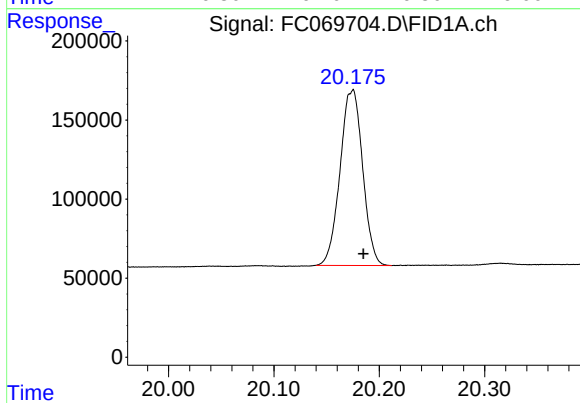
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.009 min
Response: 2041020
Conc: 18.37 ug/ml



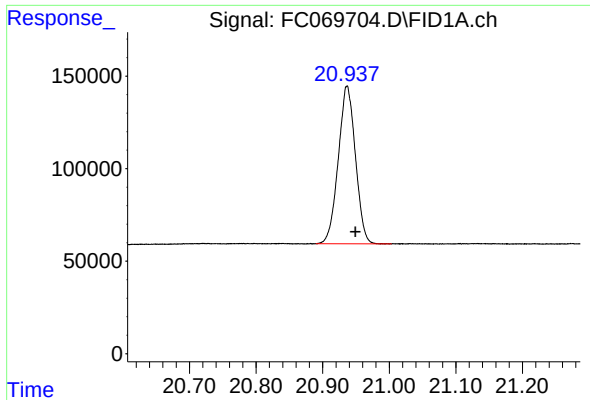
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.010 min
Response: 1878814
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

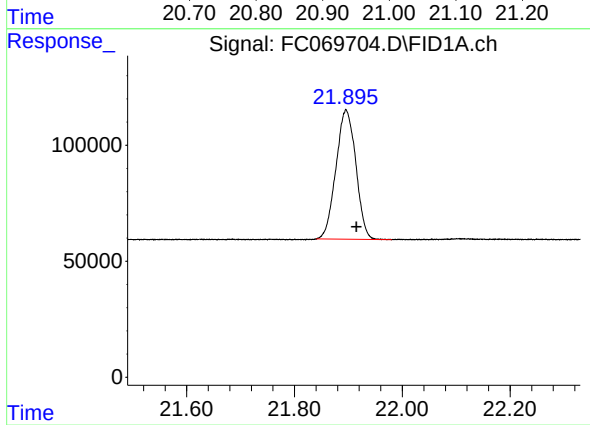
R.T.: 20.174 min
Delta R.T.: -0.011 min
Response: 1654453
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.937 min
Delta R.T.: -0.012 min
Response: 1523386
Conc: 18.94 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.896 min
Delta R.T.: -0.019 min
Response: 1427240
Conc: 19.06 ug/ml