

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072225AL\
 Data File : FC069499.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2025 21:49
 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: Jul 23 01:36:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.665	2723646	18.353 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	13.100	2061743	18.244 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.402	2574226	18.917 ug/ml
2) T n-Decane (C10)	4.473	2651226	19.049 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2840128	18.795 ug/ml
4) T n-Dodecane (C12)	6.497	2727109	19.241 ug/ml
5) T A~2-methylnaphthalene...	7.125	2727913	18.672 ug/ml
6) T n-Tetradecane (C14)	8.296	2742006	19.285 ug/ml
7) T n-Hexadecane (C16)	9.899	2786430	19.090 ug/ml
8) T n-Octadecane (C18)	11.343	2712214	18.855 ug/ml
10) T n-Eicosane (C20)	12.654	2496379	18.595 ug/ml
11) T n-Heneicosane (C21)	13.267	2398325	18.464 ug/ml
13) T n-Docosane (C22)	13.854	2328724	18.335 ug/ml
14) T n-Tetracosane (C24)	14.958	2218373	18.176 ug/ml
15) T n-Hexacosane (C26)	15.980	2099887	18.074 ug/ml
16) T n-Octacosane (C28)	16.930	2010323	18.158 ug/ml
17) T n-Tricontane (C30)	17.819	2020747	18.454 ug/ml
18) T n-Dotriacontane (C32)	18.652	1957027	18.859 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1792356	19.021 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1571125	19.021 ug/ml
21) T n-Octatriacontane (C38)	20.942	1448221	19.067 ug/ml
22) T n-Tetracontane (C40)	21.903	1376525	18.793 ug/ml

(f)=RT Delta > 1/2 Window

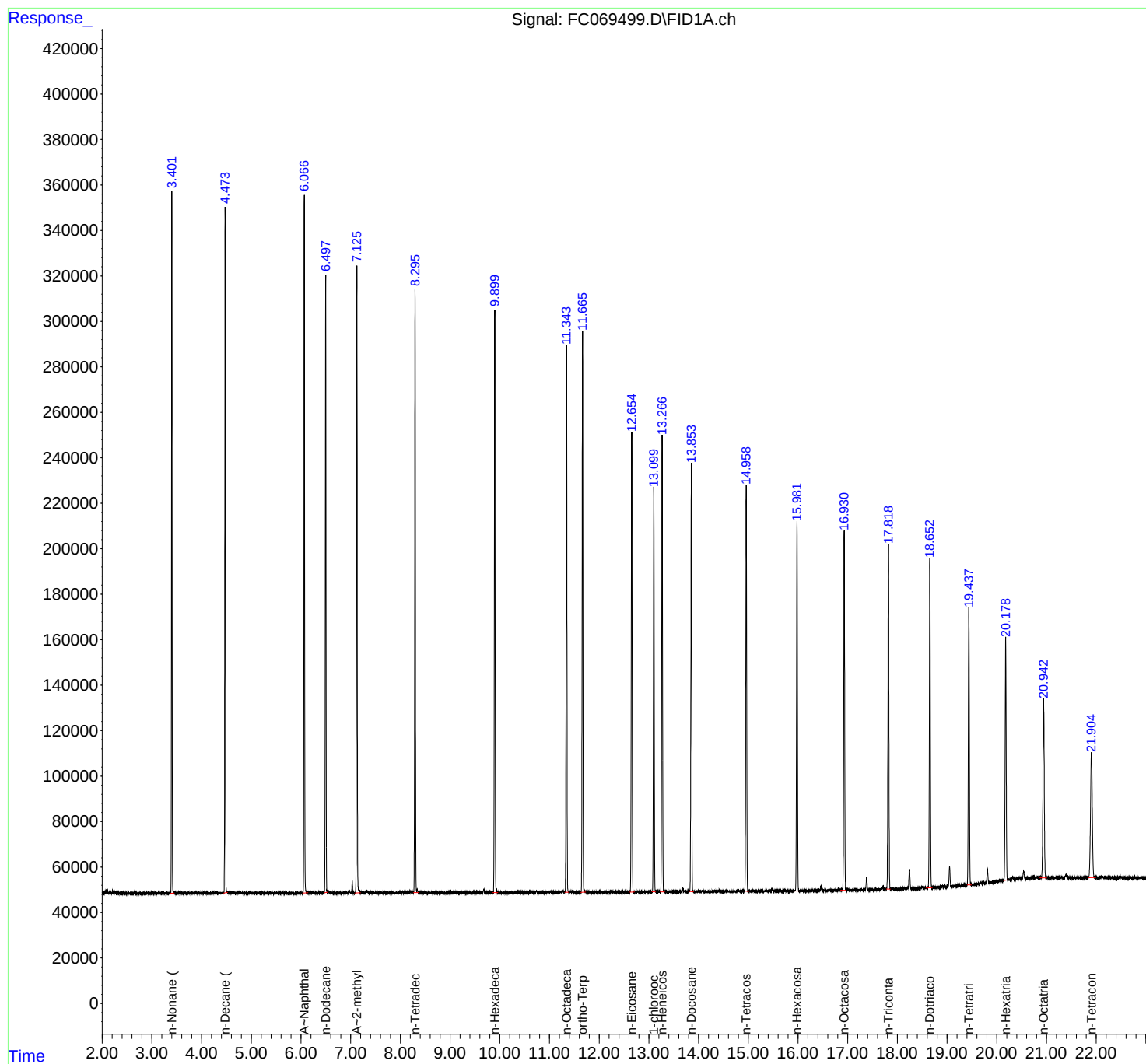
(m)=manual int.

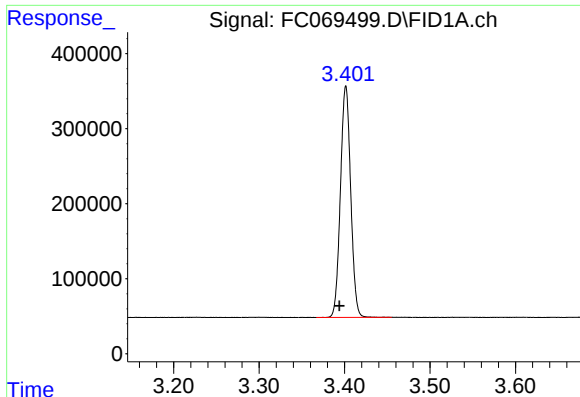
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072225AL\
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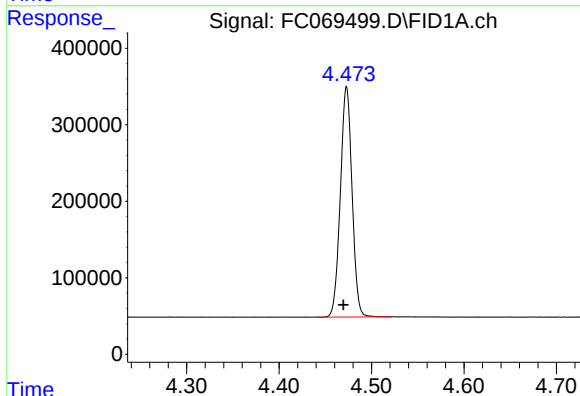




#1 n-Nonane (C9)

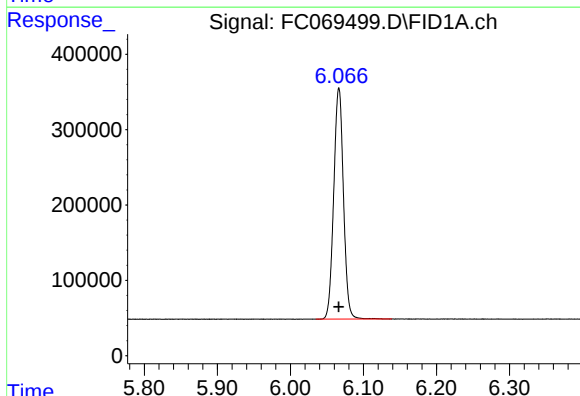
R.T.: 3.402 min
Delta R.T.: 0.007 min
Response: 2574226
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



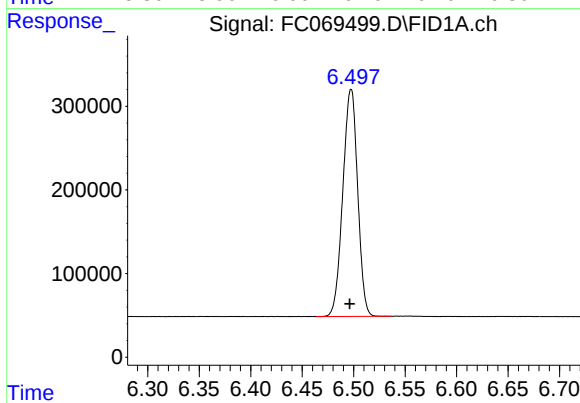
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.003 min
Response: 2651226
Conc: 19.05 ug/ml



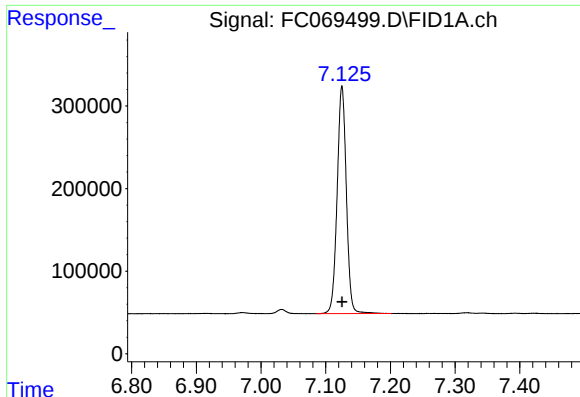
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2840128
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

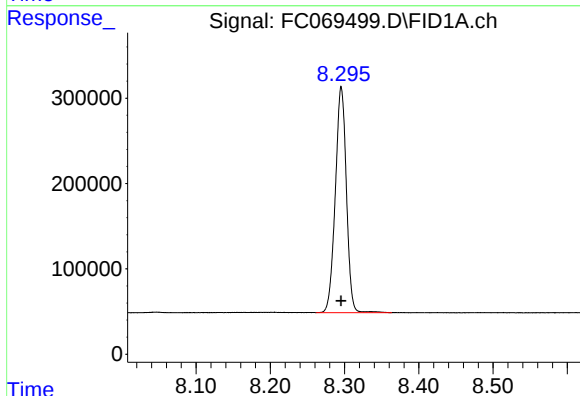
R.T.: 6.497 min
Delta R.T.: 0.001 min
Response: 2727109
Conc: 19.24 ug/ml



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

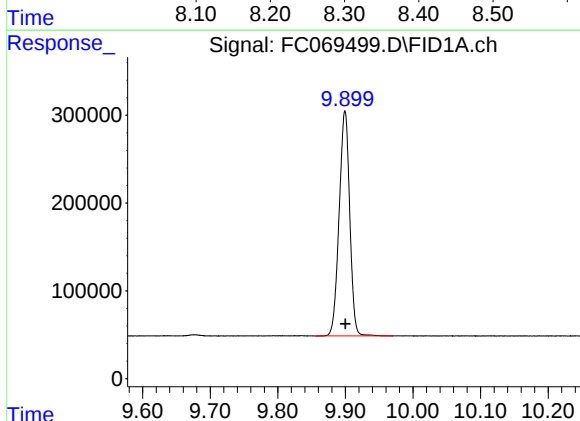
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 2727913
Conc: 18.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



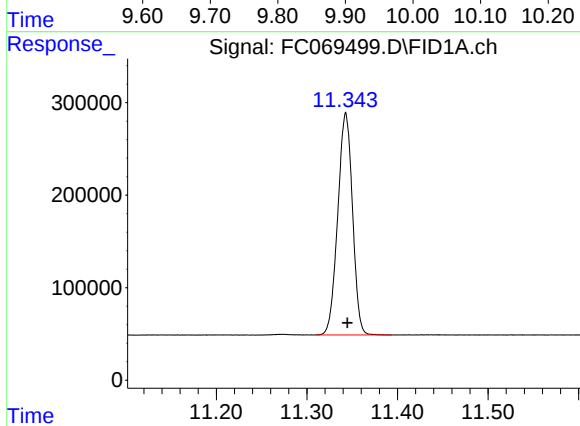
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 2742006
Conc: 19.28 ug/ml



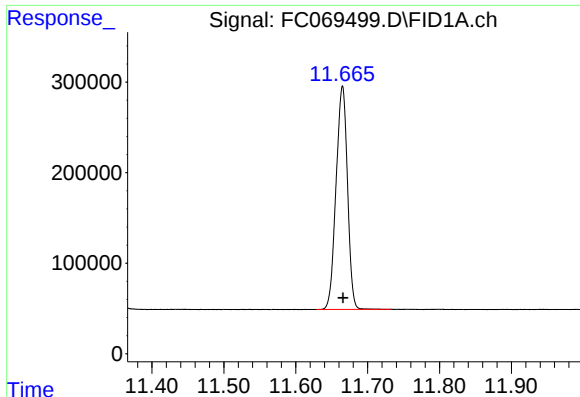
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.000 min
Response: 2786430
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

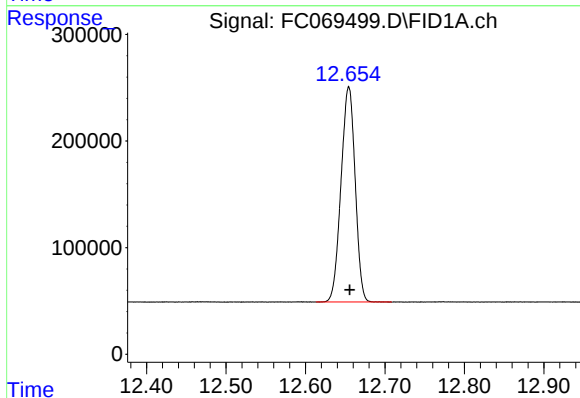
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 2712214
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

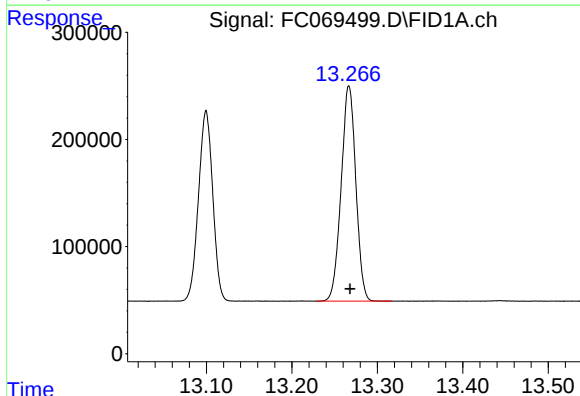
R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2723646
Conc: 18.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



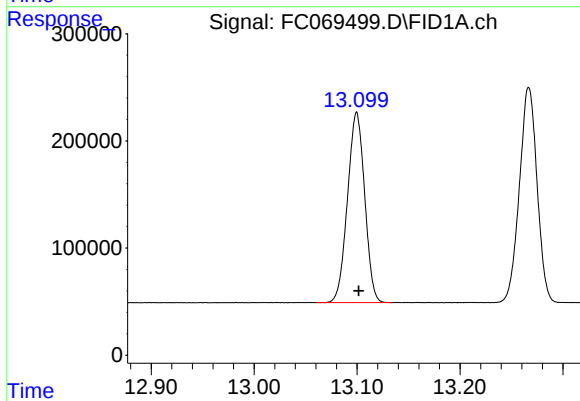
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.001 min
Response: 2496379
Conc: 18.59 ug/ml



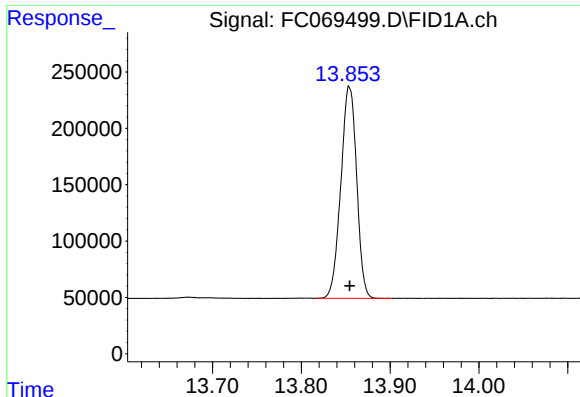
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.001 min
Response: 2398325
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

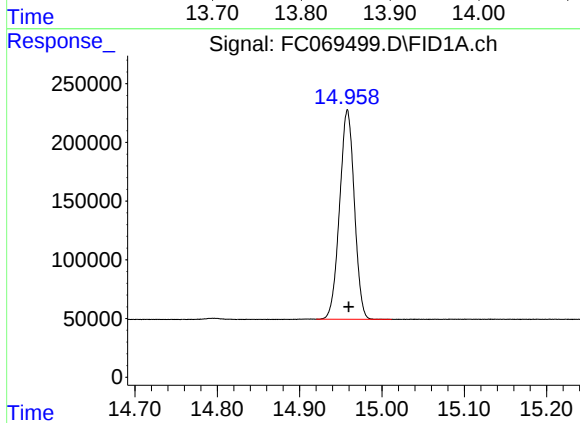
R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 2061743
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

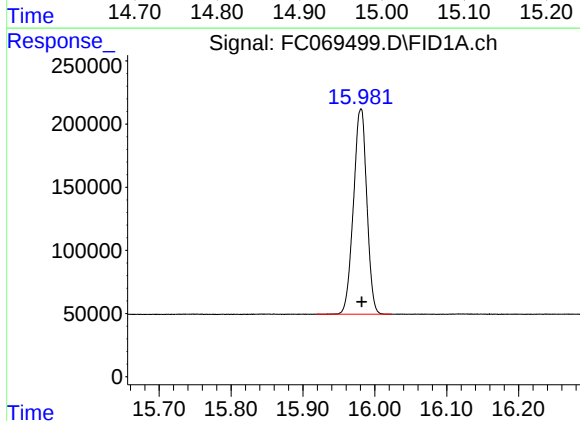
R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2328724
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



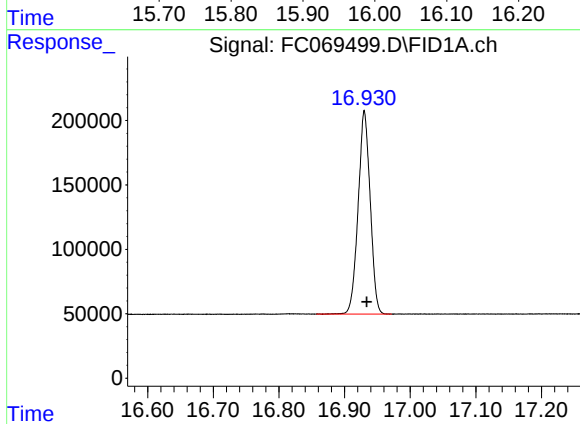
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.001 min
Response: 2218373
Conc: 18.18 ug/ml



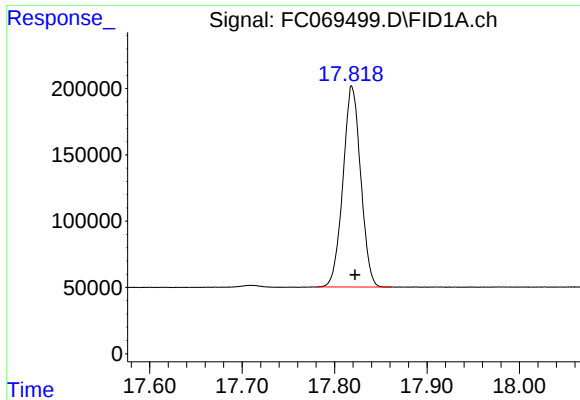
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.002 min
Response: 2099887
Conc: 18.07 ug/ml



#16 n-Octacosane (C28)

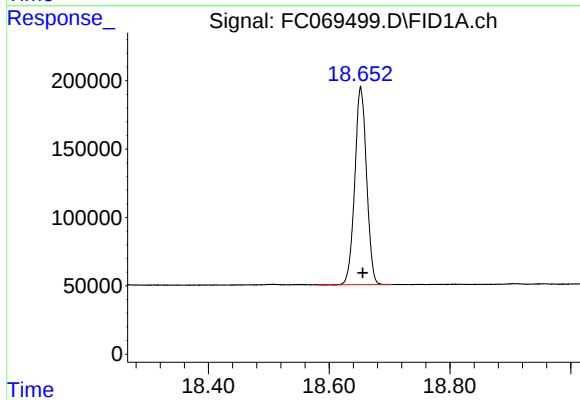
R.T.: 16.930 min
Delta R.T.: -0.003 min
Response: 2010323
Conc: 18.16 ug/ml



#17 n-Tricontane (C30)

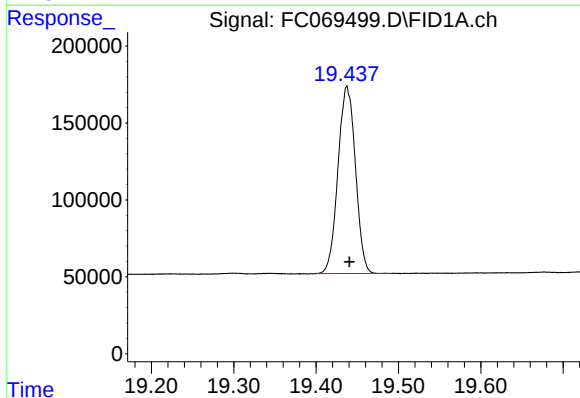
R.T.: 17.819 min
Delta R.T.: -0.003 min
Response: 2020747
Conc: 18.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



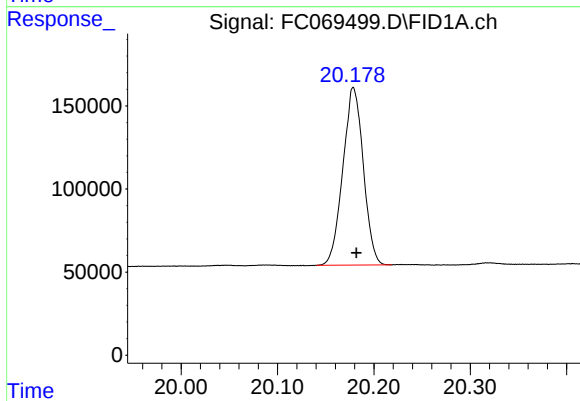
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.003 min
Response: 1957027
Conc: 18.86 ug/ml



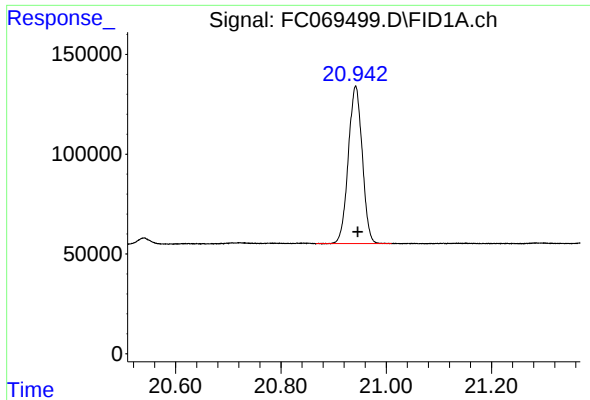
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.003 min
Response: 1792356
Conc: 19.02 ug/ml



#20 n-Hexatriacontane (C36)

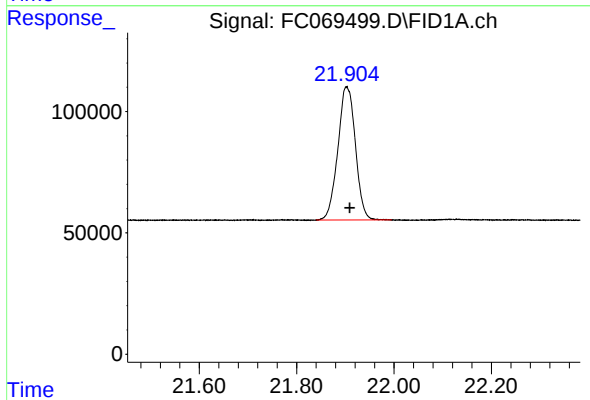
R.T.: 20.179 min
Delta R.T.: -0.003 min
Response: 1571125
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: -0.004 min
Response: 1448221
Conc: 19.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: -0.006 min
Response: 1376525
Conc: 18.79 ug/ml