

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
 Data File : FC069448.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 09:05
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 15 10:58:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 10:56:36 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)	11.679	14279406	100.233 ug/ml
Spiked Amount 50.000		Recovery =	200.47%
12) S 1-chlorooctadecane (S...	13.112	10923644	100.498 ug/ml
Spiked Amount 50.000		Recovery =	201.00%
Target Compounds			
1) T n-Nonane (C9)	3.407	13034330	99.691 ug/ml
2) T n-Decane (C10)	4.481	13354937	99.821 ug/ml
3) T A~Naphthalene (C11.7)	6.076	14466197	99.631 ug/ml
4) T n-Dodecane (C12)	6.506	13656102	100.133 ug/ml
5) T A~2-methylnaphthalene...	7.136	14050606	100.045 ug/ml
6) T n-Tetradecane (C14)	8.305	13682478	99.985 ug/ml
7) T n-Hexadecane (C16)	9.910	13999672	100.023 ug/ml
8) T n-Octadecane (C18)	11.356	13791460	99.999 ug/ml
10) T n-Eicosane (C20)	12.666	12862062	100.092 ug/ml
11) T n-Heneicosane (C21)	13.279	12457012	100.174 ug/ml
13) T n-Docosane (C22)	13.866	12185301	100.145 ug/ml
14) T n-Tetracosane (C24)	14.970	11718968	100.145 ug/ml
15) T n-Hexacosane (C26)	15.993	11141729	100.143 ug/ml
16) T n-Octacosane (C28)	16.944	10523668	99.693 ug/ml
17) T n-Tricontane (C30)	17.833	10222229	98.980 ug/ml
18) T n-Dotriacontane (C32)	18.666	9560238	98.467 ug/ml
19) T n-Tetratriacontane (C34)	19.449	8724728	98.453 ug/ml
20) T n-Hexatriacontane (C36)	20.191	7686807	98.499 ug/ml
21) T n-Octatriacontane (C38)	20.955	7121260	98.702 ug/ml
22) T n-Tetracontane (C40)	21.921	6892375	98.702 ug/ml

(f)=RT Delta > 1/2 Window

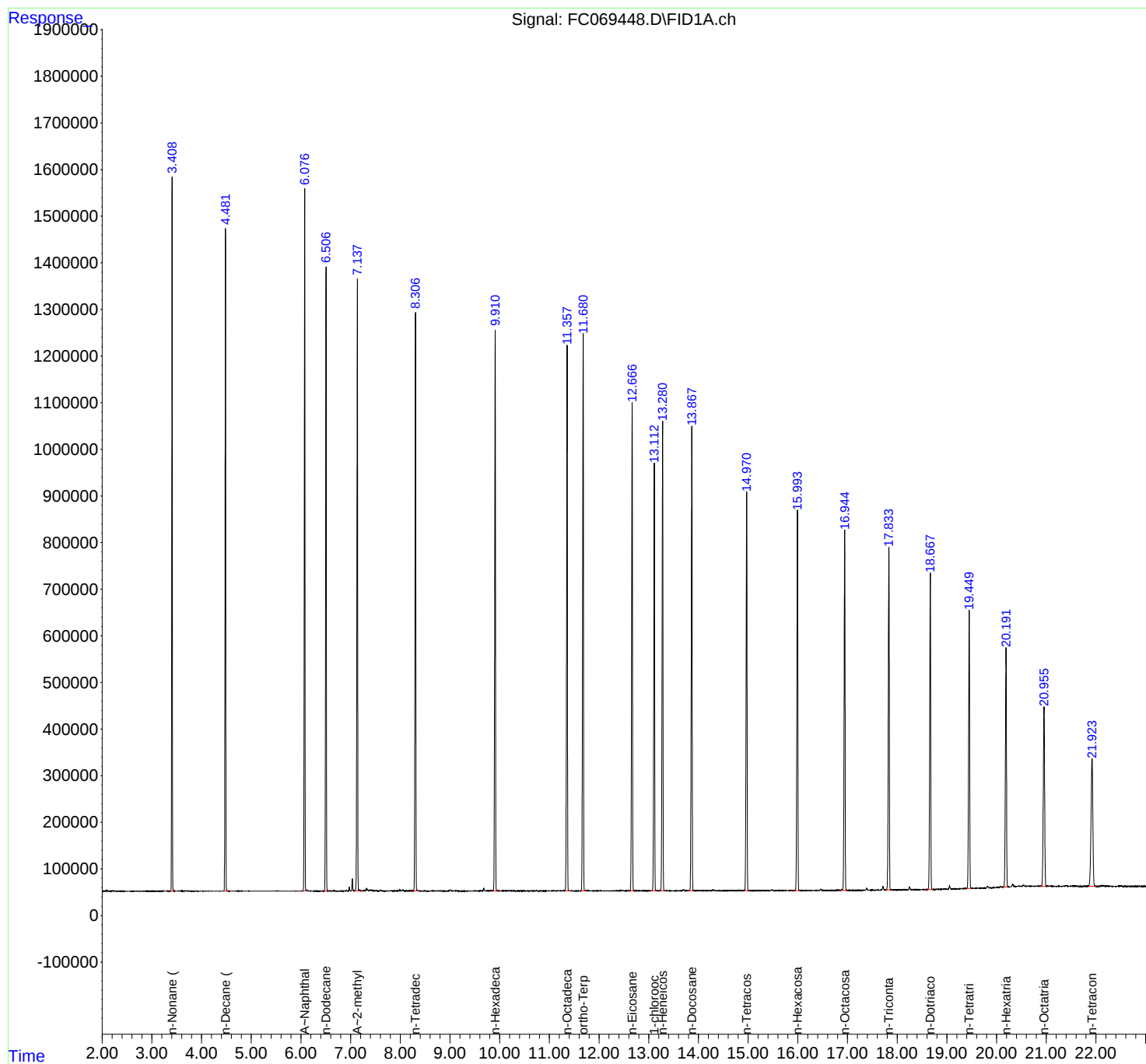
(m)=manual int.

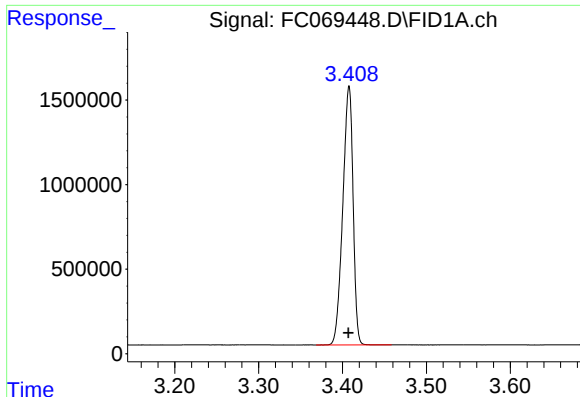
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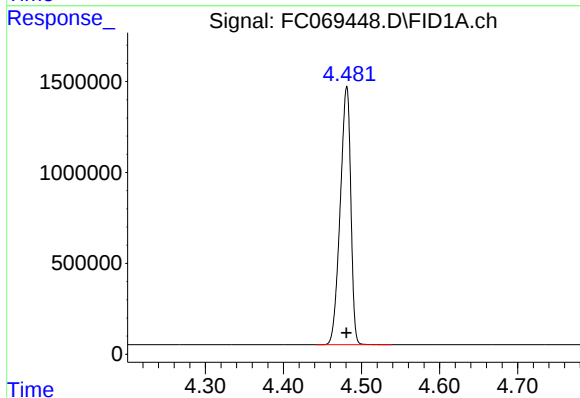




#1 n-Nonane (C9)

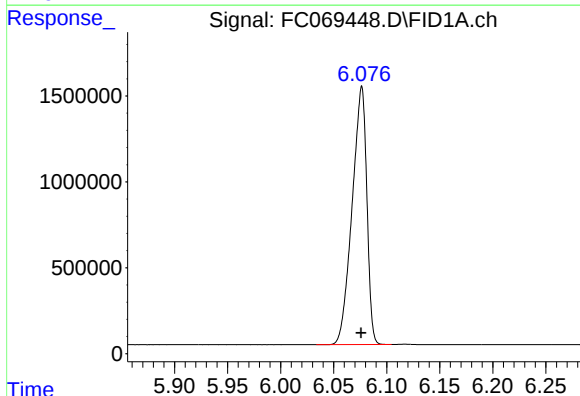
R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 13034330
Conc: 99.69 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



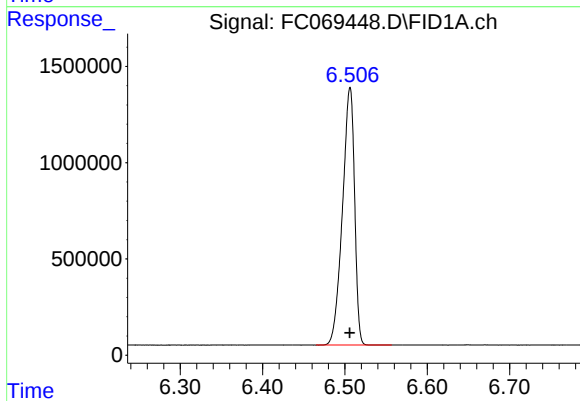
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 13354937
Conc: 99.82 ug/ml



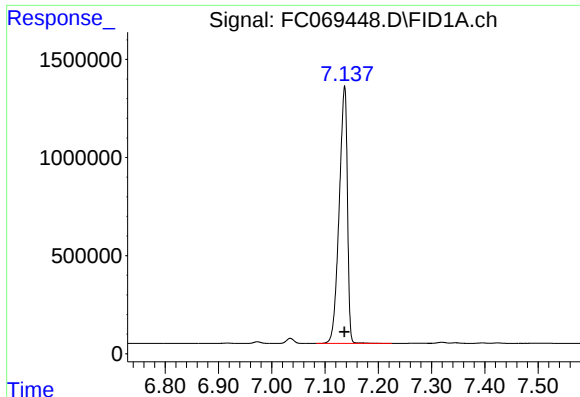
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 14466197
Conc: 99.63 ug/ml



#4 n-Dodecane (C12)

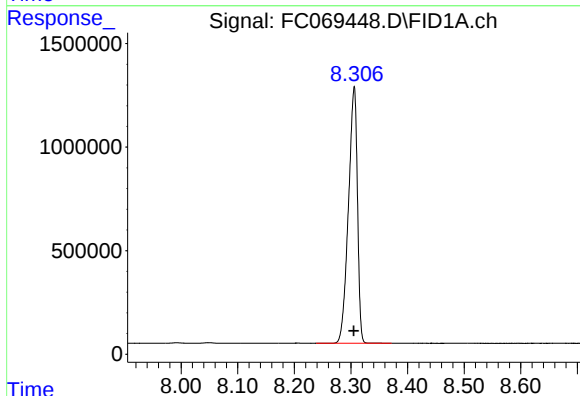
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 13656102
Conc: 100.13 ug/ml



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

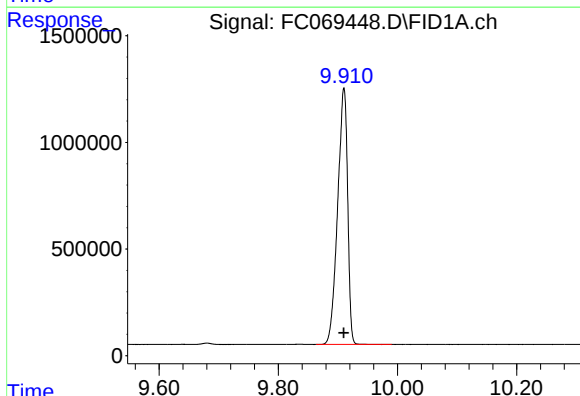
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 14050606
Conc: 100.05 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



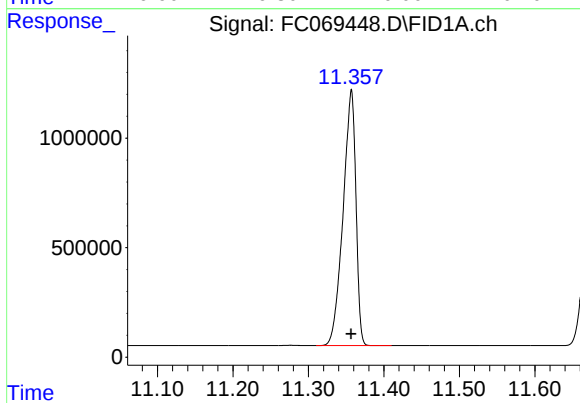
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 13682478
Conc: 99.99 ug/ml



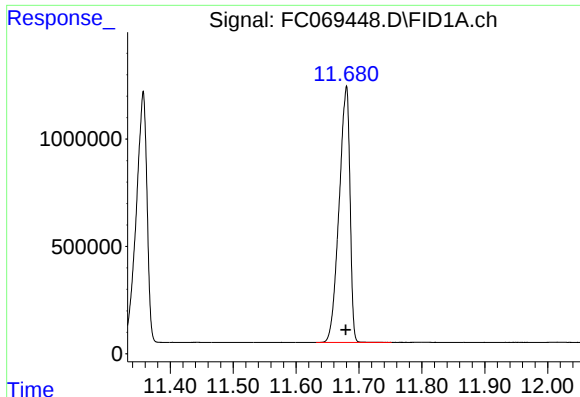
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 13999672
Conc: 100.02 ug/ml



#8 n-Octadecane (C18)

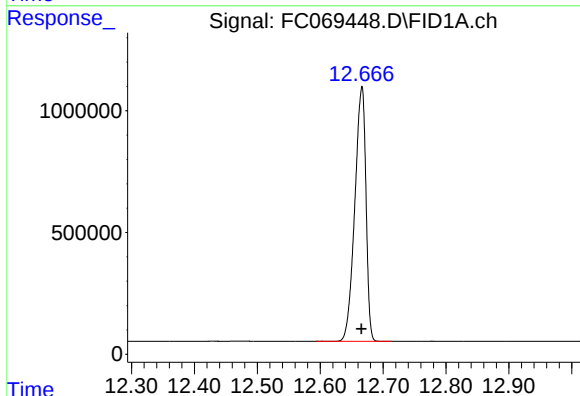
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 13791460
Conc: 100.00 ug/ml



#9 ortho-Terphenyl (SURR)

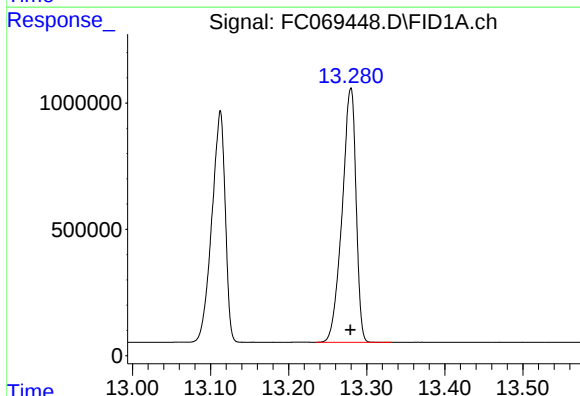
R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 14279406
Conc: 100.23 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



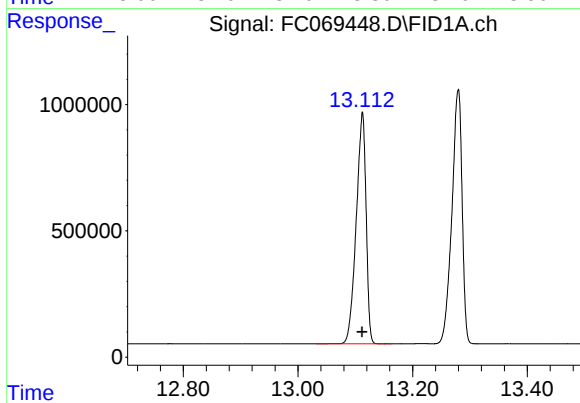
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: 0.000 min
Response: 12862062
Conc: 100.09 ug/ml



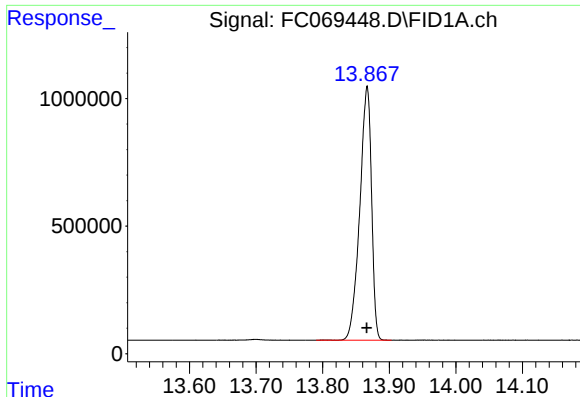
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: 0.000 min
Response: 12457012
Conc: 100.17 ug/ml



#12 1-chlorooctadecane (SURR)

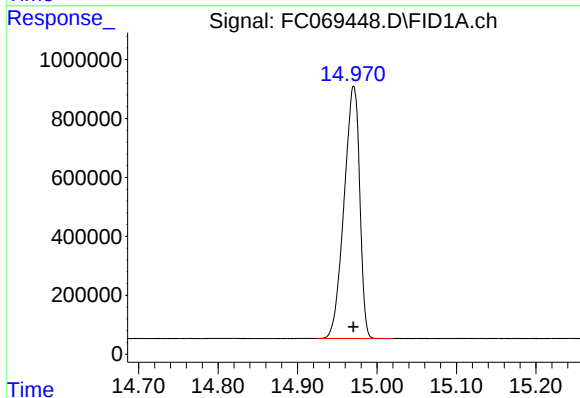
R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 10923644
Conc: 100.50 ug/ml



#13 n-Docosane (C22)

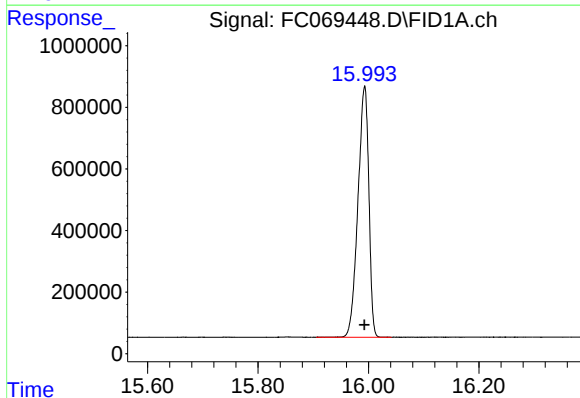
R.T.: 13.866 min
Delta R.T.: 0.000 min
Response: 12185301
Conc: 100.15 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



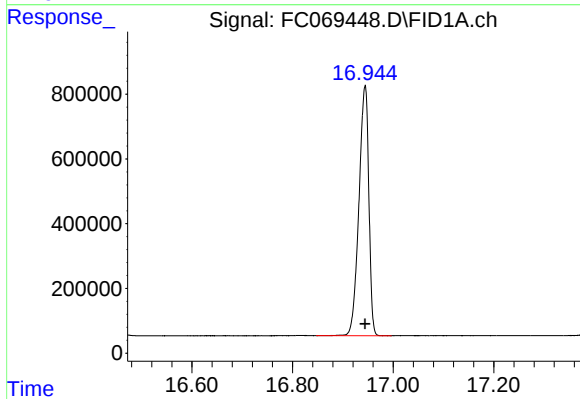
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: 0.000 min
Response: 11718968
Conc: 100.14 ug/ml



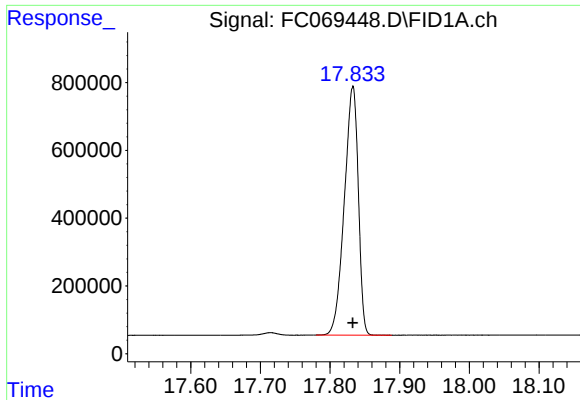
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.000 min
Response: 11141729
Conc: 100.14 ug/ml



#16 n-Octacosane (C28)

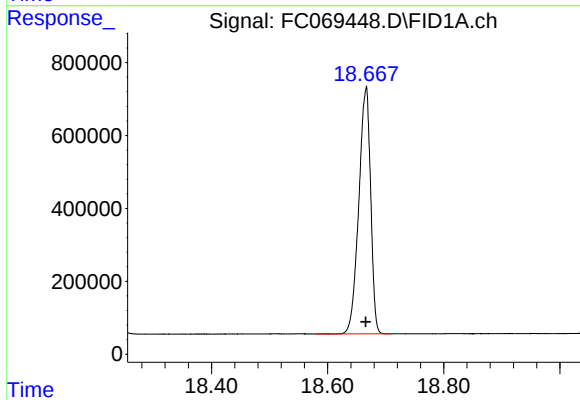
R.T.: 16.944 min
Delta R.T.: 0.000 min
Response: 10523668
Conc: 99.69 ug/ml



#17 n-Tricontane (C30)

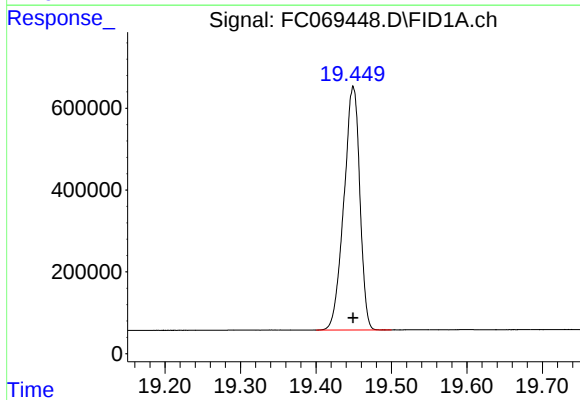
R.T.: 17.833 min
Delta R.T.: 0.000 min
Response: 10222229
Conc: 98.98 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



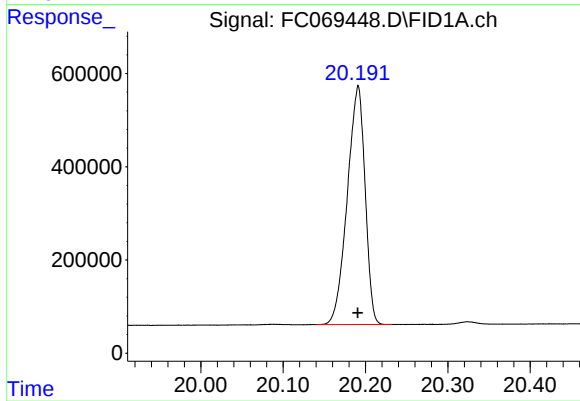
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 9560238
Conc: 98.47 ug/ml



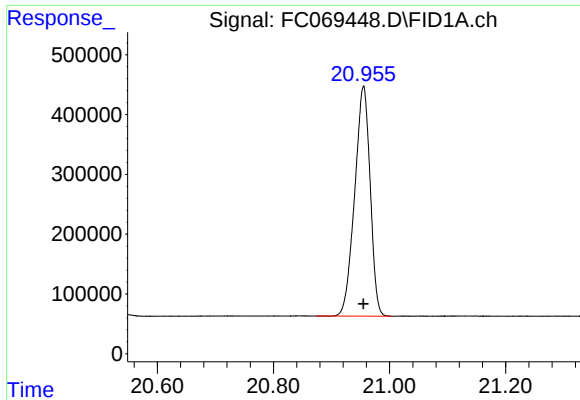
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.000 min
Response: 8724728
Conc: 98.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.191 min
Delta R.T.: 0.000 min
Response: 7686807
Conc: 98.50 ug/ml



#21 n-Octatriacontane (C38)

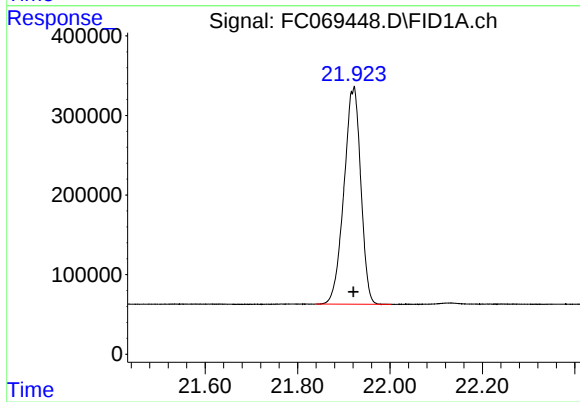
R.T.: 20.955 min
Delta R.T.: 0.000 min
Response: 7121260
Conc: 98.70 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: 0.000 min
Response: 6892375
Conc: 98.70 ug/ml