

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015681.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 10:19
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 17 11:31:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 11:27:27 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)	11.912	14476535	99.183 ug/ml
Spiked Amount 50.000		Recovery =	198.37%
12) S 1-chlorooctadecane (S...	13.355	10854674	100.261 ug/ml
Spiked Amount 50.000		Recovery =	200.52%
Target Compounds			
1) T n-Nonane (C9)	3.255	11121165	98.931 ug/ml
2) T n-Decane (C10)	4.515	11235649	99.007 ug/ml
3) T A~Naphthalene (C11.7)	6.225	12188576	100.796 ug/ml
4) T n-Dodecane (C12)	6.695	11500400	99.244 ug/ml
5) T A~2-methylnaphthalene...	7.328	12095012	101.822 ug/ml
6) T n-Tetradecane (C14)	8.531	11559905	99.462 ug/ml
7) T n-Hexadecane (C16)	10.146	11807857	99.334 ug/ml
8) T n-Octadecane (C18)	11.596	12000754	99.178 ug/ml
10) T n-Eicosane (C20)	12.909	11910594	99.248 ug/ml
11) T n-Heneicosane (C21)	13.524	11851651	99.364 ug/ml
13) T n-Docosane (C22)	14.111	11741802	99.659 ug/ml
14) T n-Tetracosane (C24)	15.217	11538467	99.734 ug/ml
15) T n-Hexacosane (C26)	16.241	11206919	99.885 ug/ml
16) T n-Octacosane (C28)	17.193	10793710	99.464 ug/ml
17) T n-Tricontane (C30)	18.083	10598523	98.783 ug/ml
18) T n-Dotriacontane (C32)	18.916	10295134	97.805 ug/ml
19) T n-Tetratriacontane (C34)	19.702	9743201	97.566 ug/ml
20) T n-Hexatriacontane (C36)	20.441	9368678	97.395 ug/ml
21) T n-Octatriacontane (C38)	21.183	8480278	95.641 ug/ml
22) T n-Tetracontane (C40)	22.105	7352614	92.172 ug/ml

(f)=RT Delta > 1/2 Window

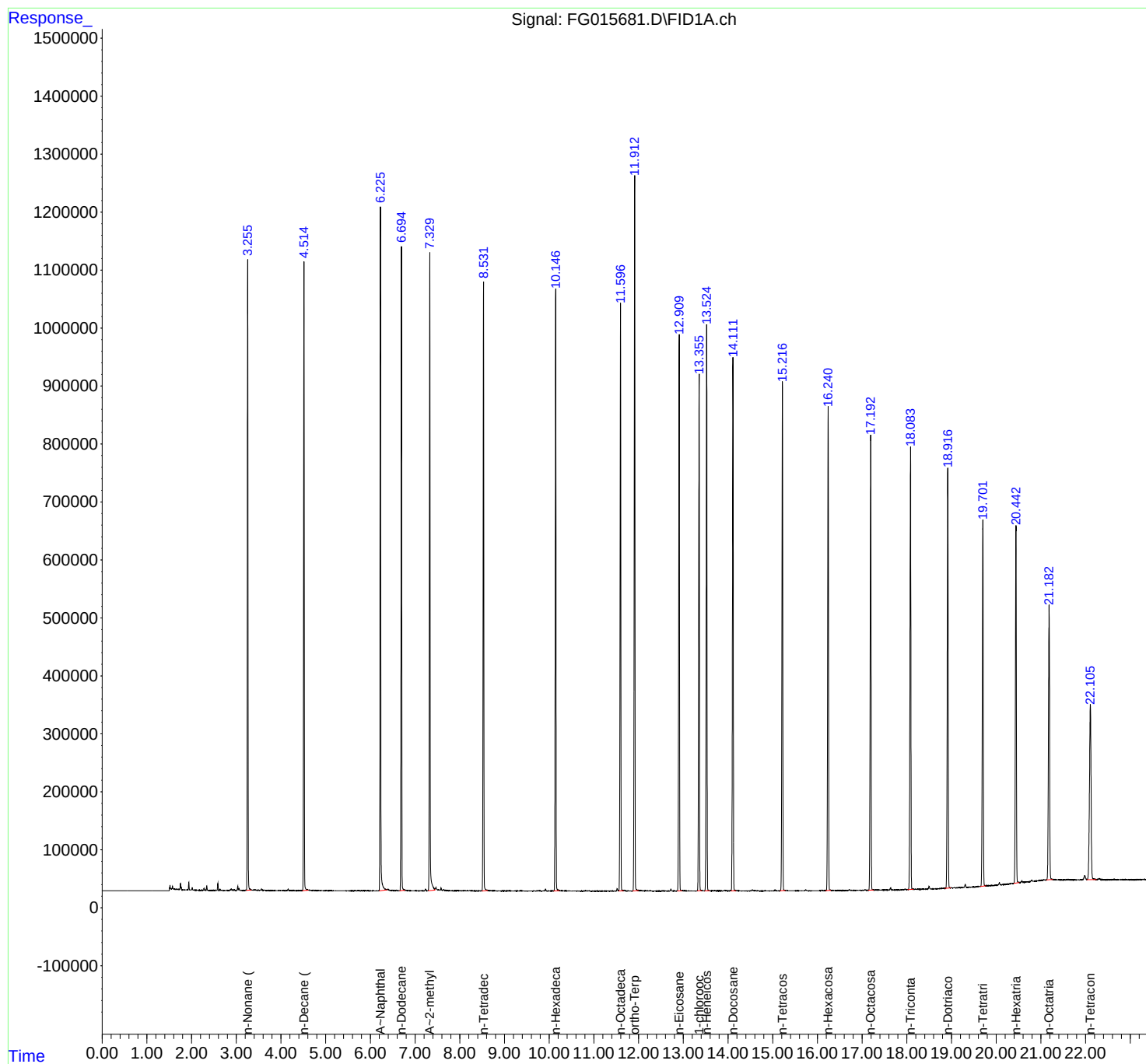
(m)=manual int.

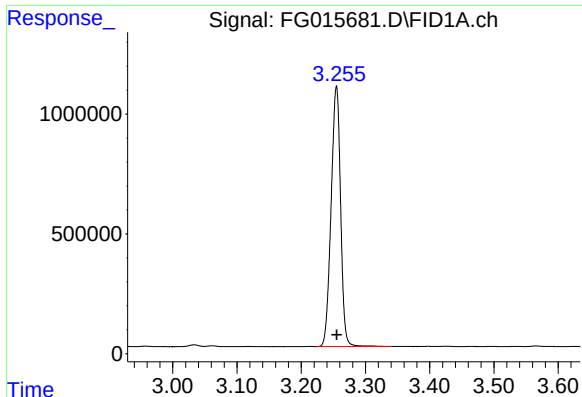
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#1 n-Nonane (C9)

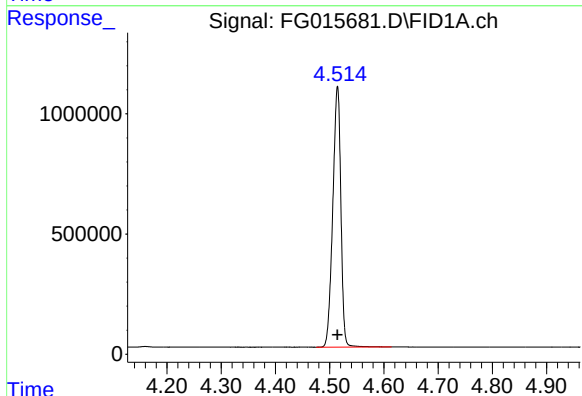
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 11121165
Conc: 98.93 ug/ml

Instrument :

FID_G

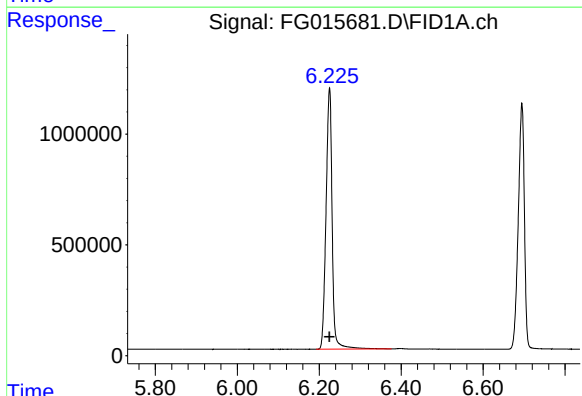
ClientSampleId :

100 PPM ALIPHATIC HC STD1



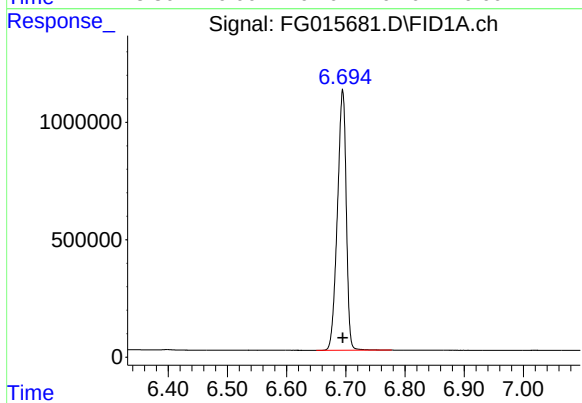
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 11235649
Conc: 99.01 ug/ml



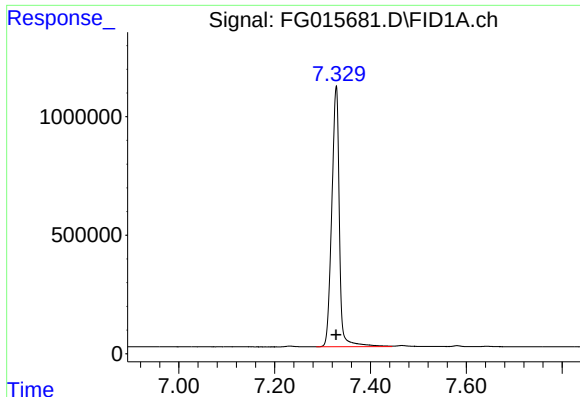
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 12188576
Conc: 100.80 ug/ml



#4 n-Dodecane (C12)

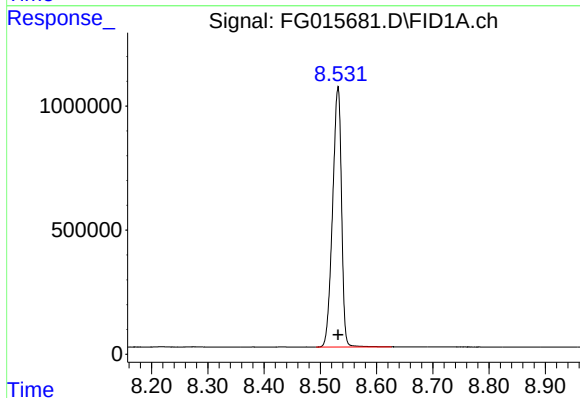
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 11500400
Conc: 99.24 ug/ml



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

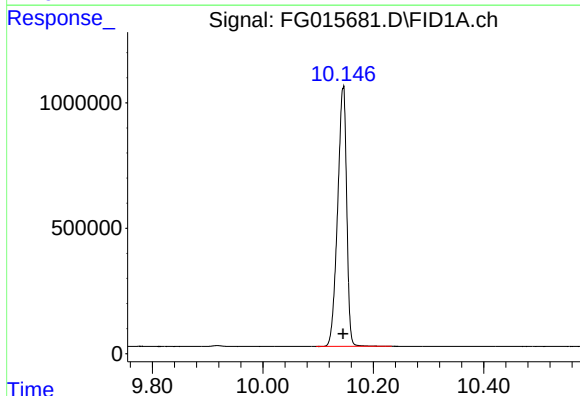
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 12095012
Conc: 101.82 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



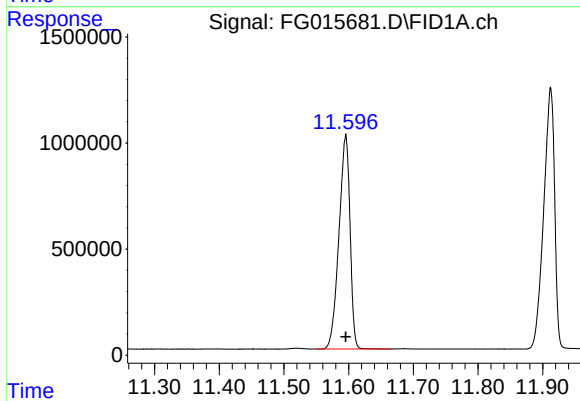
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 11559905
Conc: 99.46 ug/ml



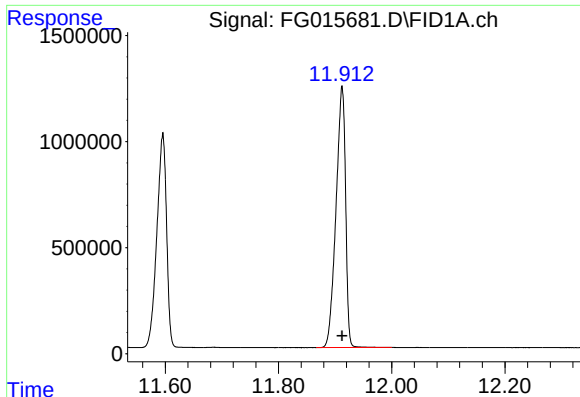
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 11807857
Conc: 99.33 ug/ml



#8 n-Octadecane (C18)

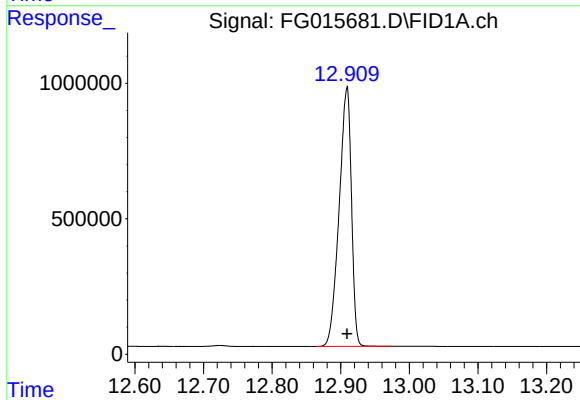
R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 12000754
Conc: 99.18 ug/ml



#9 ortho-Terphenyl (SURR)

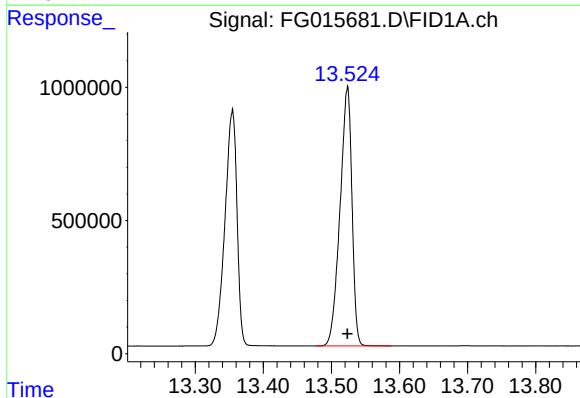
R.T.: 11.912 min
Delta R.T.: 0.000 min
Response: 14476535
Conc: 99.18 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



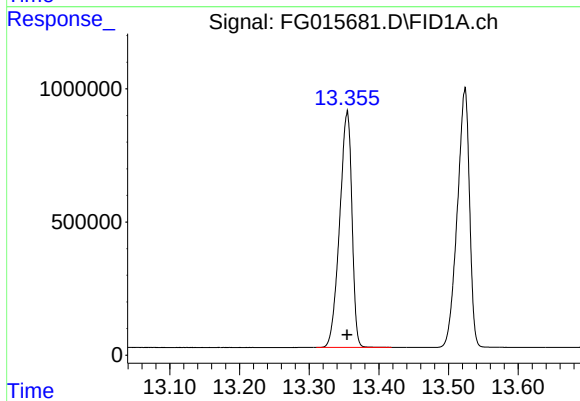
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 11910594
Conc: 99.25 ug/ml



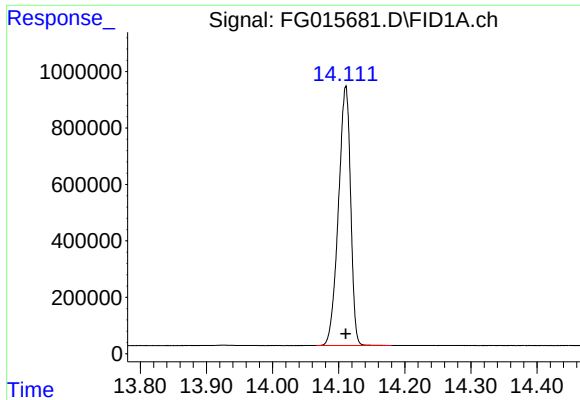
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.000 min
Response: 11851651
Conc: 99.36 ug/ml



#12 1-chlorooctadecane (SURR)

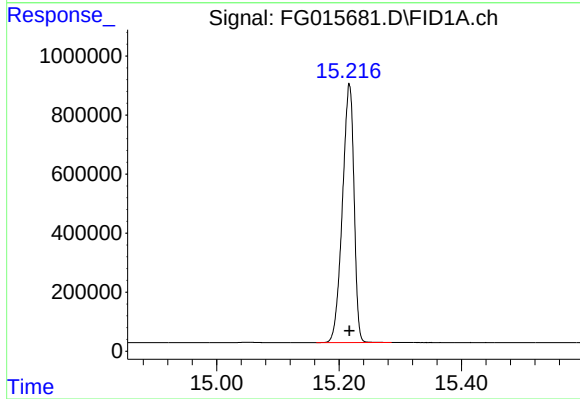
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 10854674
Conc: 100.26 ug/ml



#13 n-Docosane (C22)

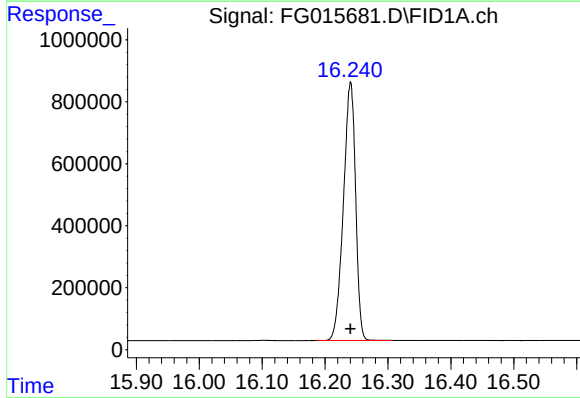
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 11741802
Conc: 99.66 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



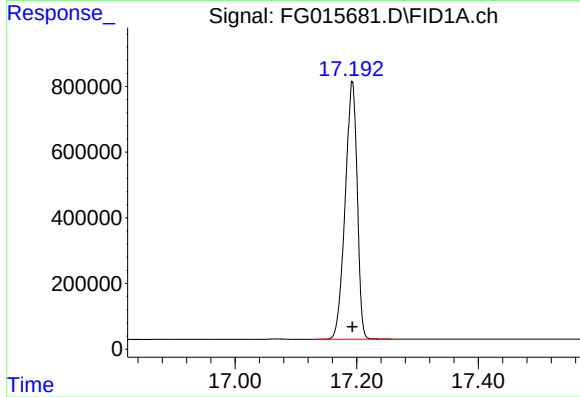
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 11538467
Conc: 99.73 ug/ml



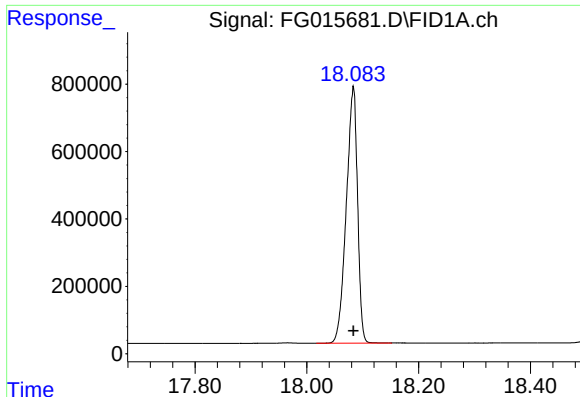
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 11206919
Conc: 99.88 ug/ml



#16 n-Octacosane (C28)

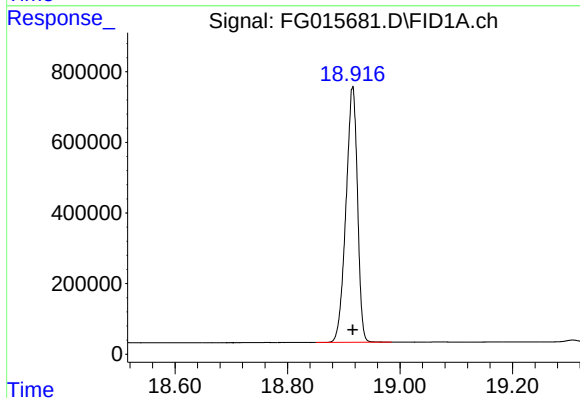
R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 10793710
Conc: 99.46 ug/ml



#17 n-Tricontane (C30)

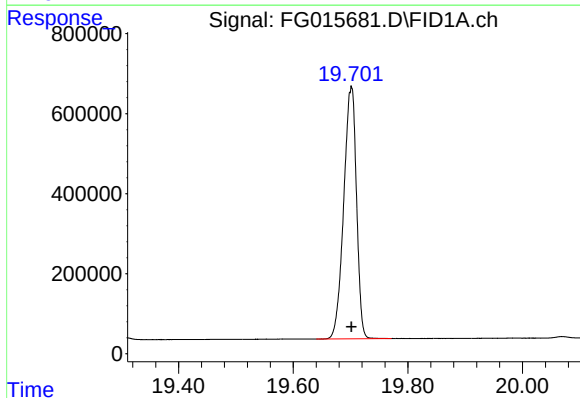
R.T.: 18.083 min
Delta R.T.: 0.000 min
Response: 10598523
Conc: 98.78 ug/ml

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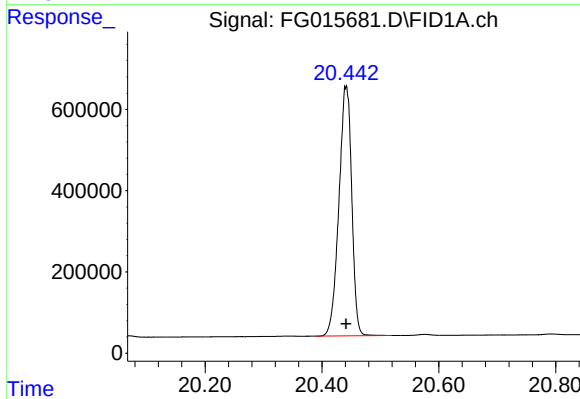
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 10295134
Conc: 97.81 ug/ml



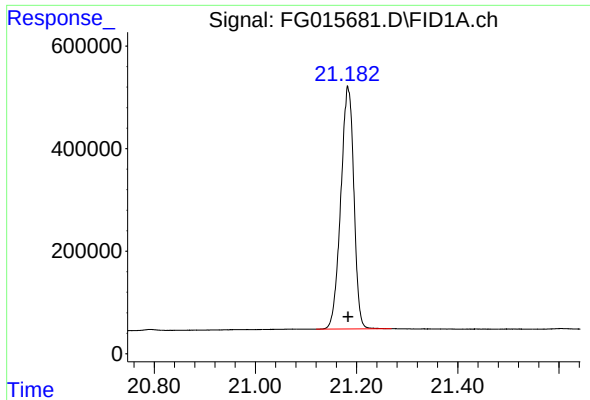
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 9743201
Conc: 97.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: 0.000 min
Response: 9368678
Conc: 97.40 ug/ml



#21 n-Octatriacontane (C38)

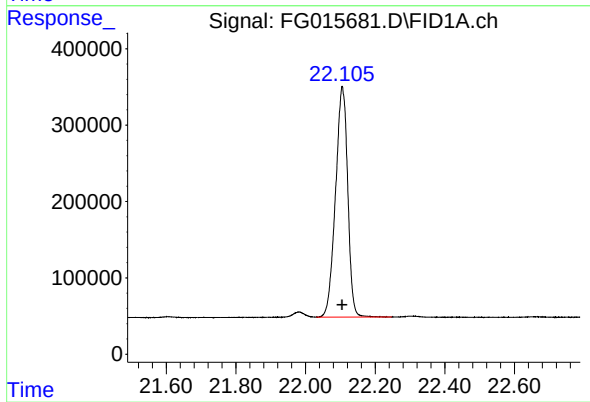
R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 8480278
Conc: 95.64 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 7352614
Conc: 92.17 ug/ml