

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015065.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 09:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 14 10:44:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 10:41:47 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)	11.953	14721312	96.661 ug/ml
Spiked Amount 50.000		Recovery =	193.32%
12) S 1-chlorooctadecane (S...	13.395	11570552	96.881 ug/ml
Spiked Amount 50.000		Recovery =	193.76%
Target Compounds			
1) T n-Nonane (C9)	3.290	12126828	96.242 ug/ml
2) T n-Decane (C10)	4.551	12439608	96.345 ug/ml
3) T A~Naphthalene (C11.7)	6.262	13728908	96.588 ug/ml
4) T n-Dodecane (C12)	6.731	12771786	96.614 ug/ml
5) T A~2-methylnaphthalene...	7.366	13445797	96.700 ug/ml
6) T n-Tetradecane (C14)	8.569	12962485	96.793 ug/ml
7) T n-Hexadecane (C16)	10.185	13646719	96.670 ug/ml
8) T n-Octadecane (C18)	11.636	13955424	96.555 ug/ml
10) T n-Eicosane (C20)	12.950	13516213	96.558 ug/ml
11) T n-Heneicosane (C21)	13.565	13322950	96.557 ug/ml
13) T n-Docosane (C22)	14.154	13256898	96.548 ug/ml
14) T n-Tetracosane (C24)	15.261	13119448	96.535 ug/ml
15) T n-Hexacosane (C26)	16.286	12753771	96.471 ug/ml
16) T n-Octacosane (C28)	17.240	12284577	96.180 ug/ml
17) T n-Tricontane (C30)	18.130	12117295	95.265 ug/ml
18) T n-Dotriacontane (C32)	18.965	11357410	94.744 ug/ml
19) T n-Tetratriacontane (C34)	19.747	9848384	94.898 ug/ml
20) T n-Hexatriacontane (C36)	20.490	8488320	95.111 ug/ml
21) T n-Octatriacontane (C38)	21.241	8002059	95.042 ug/ml
22) T n-Tetracontane (C40)	22.182	7742286	94.845 ug/ml

(f)=RT Delta > 1/2 Window

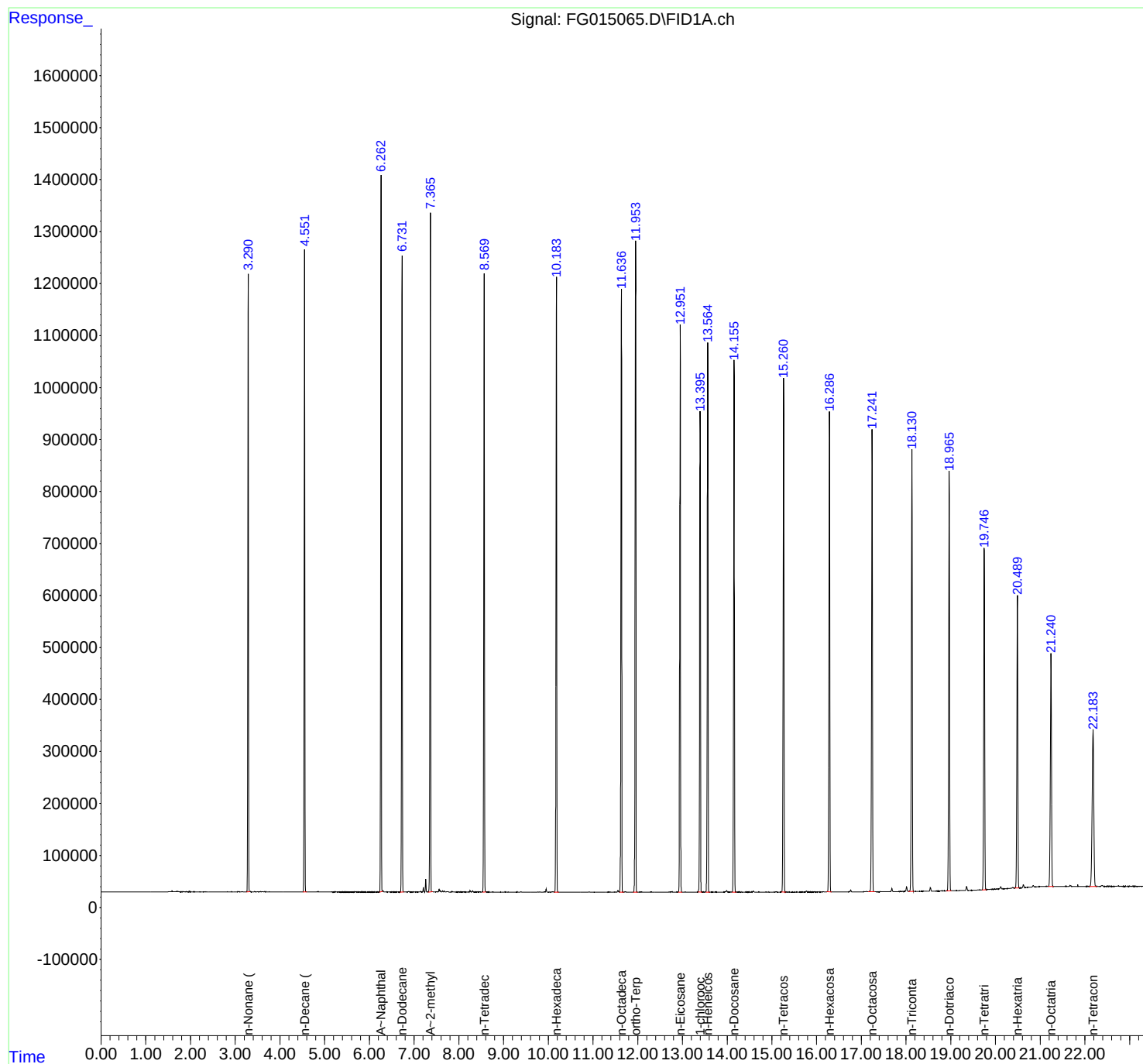
(m)=manual int.

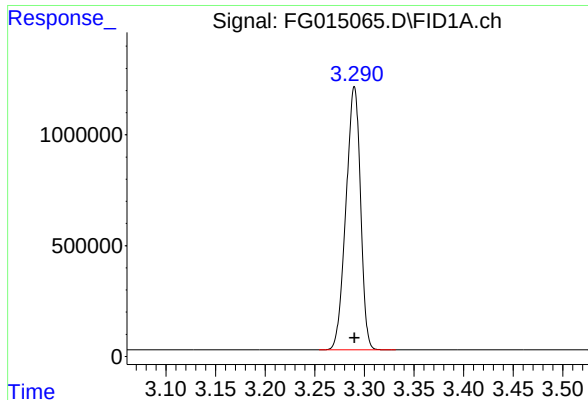
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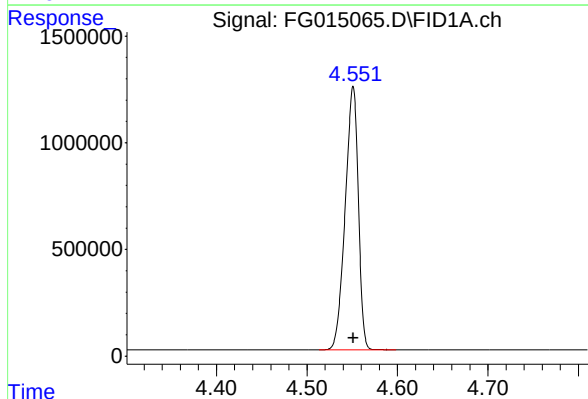




#1 n-Nonane (C9)

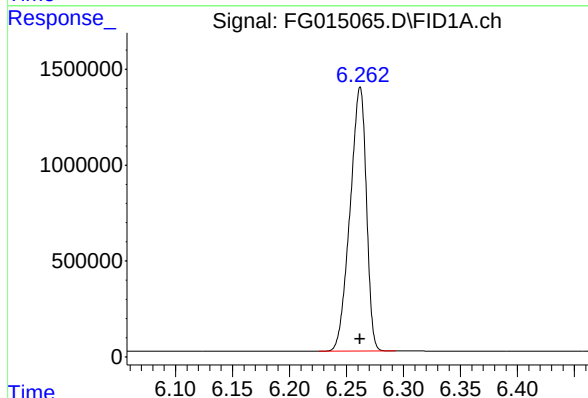
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 12126828
Conc: 96.24 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



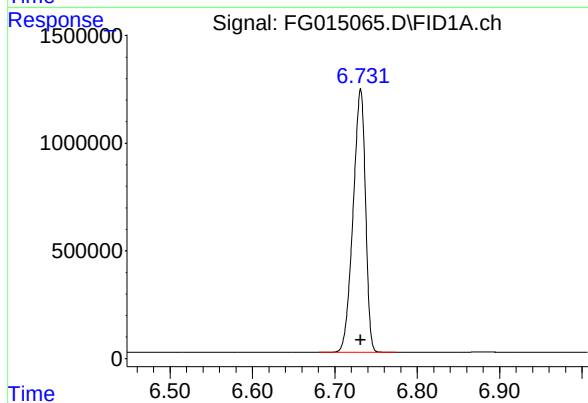
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 12439608
Conc: 96.34 ug/ml



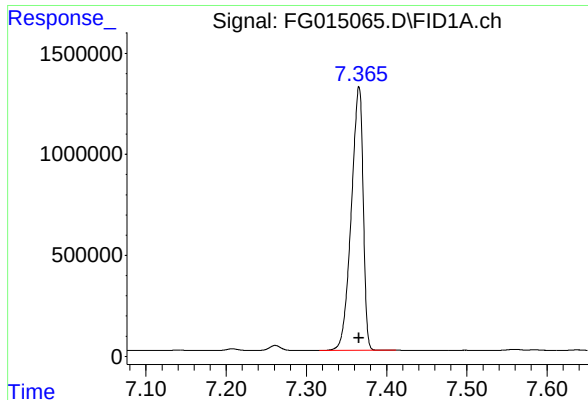
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 13728908
Conc: 96.59 ug/ml



#4 n-Dodecane (C12)

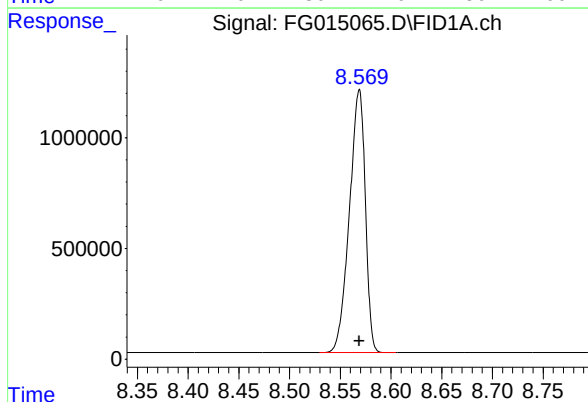
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 12771786
Conc: 96.61 ug/ml



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

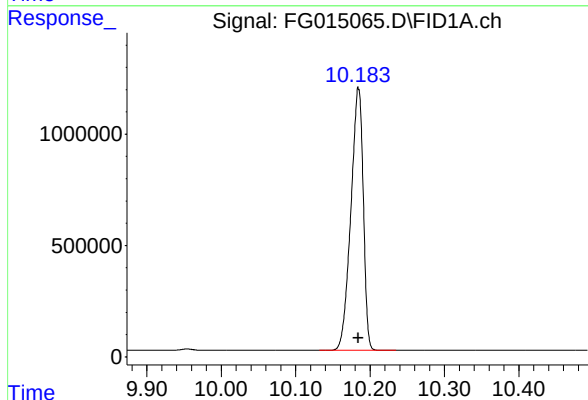
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 13445797
Conc: 96.70 ug/ml

Instrument :
FID_G
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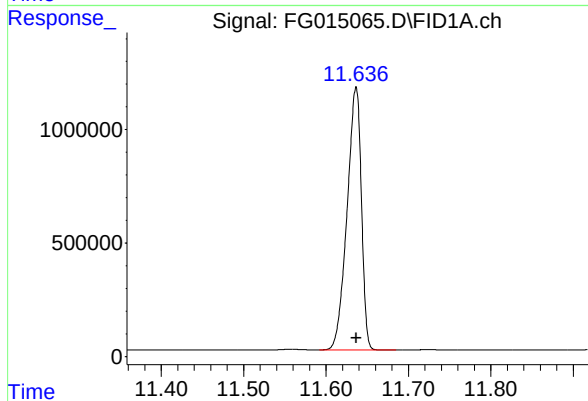
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 12962485
Conc: 96.79 ug/ml



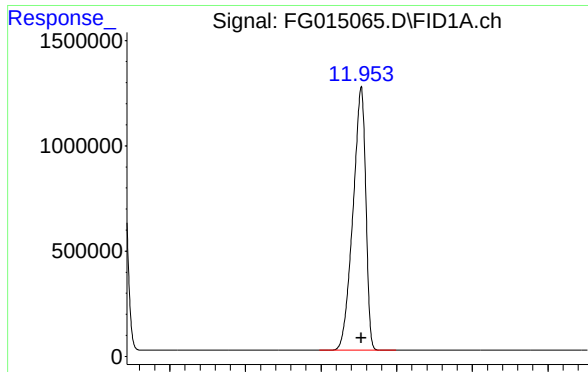
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 13646719
Conc: 96.67 ug/ml



#8 n-Octadecane (C18)

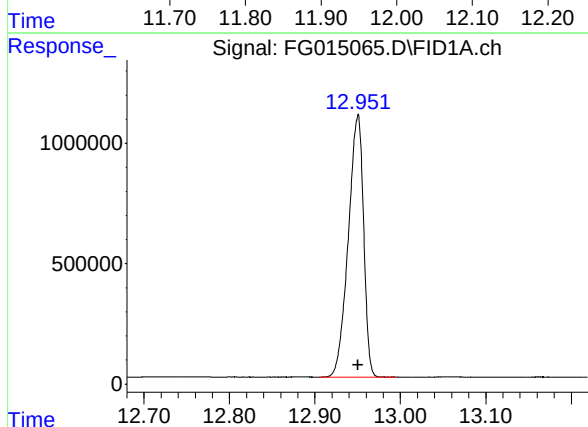
R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 13955424
Conc: 96.56 ug/ml



#9 ortho-Terphenyl (SURR)

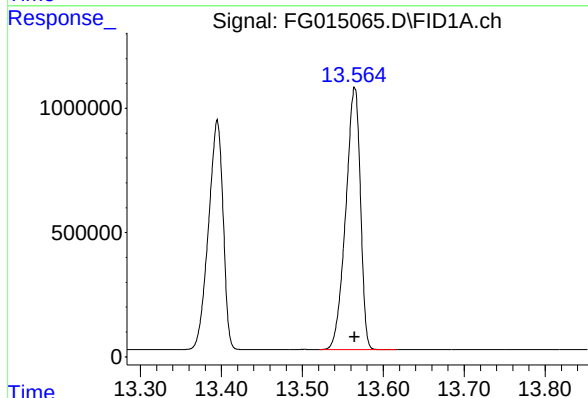
R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 14721312
Conc: 96.66 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



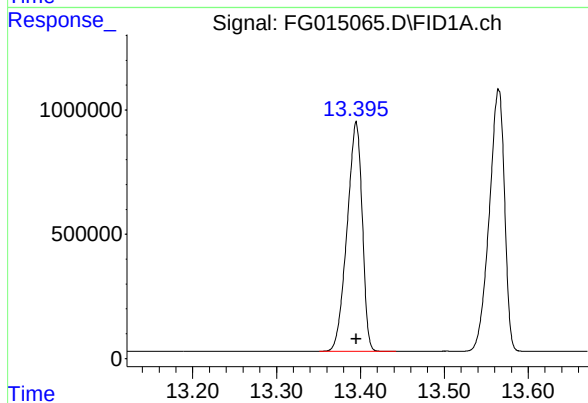
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 13516213
Conc: 96.56 ug/ml



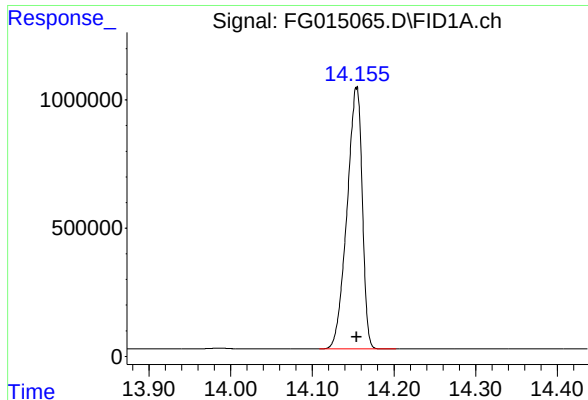
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 13322950
Conc: 96.56 ug/ml



#12 1-chlorooctadecane (SURR)

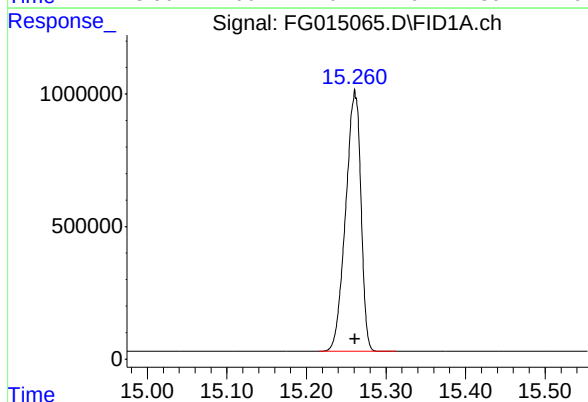
R.T.: 13.395 min
Delta R.T.: 0.000 min
Response: 11570552
Conc: 96.88 ug/ml



#13 n-Docosane (C22)

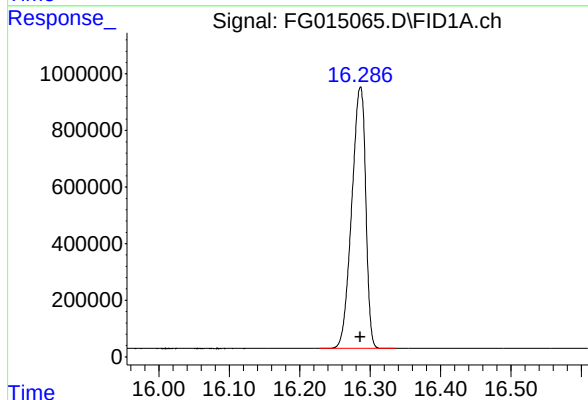
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 13256898
Conc: 96.55 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



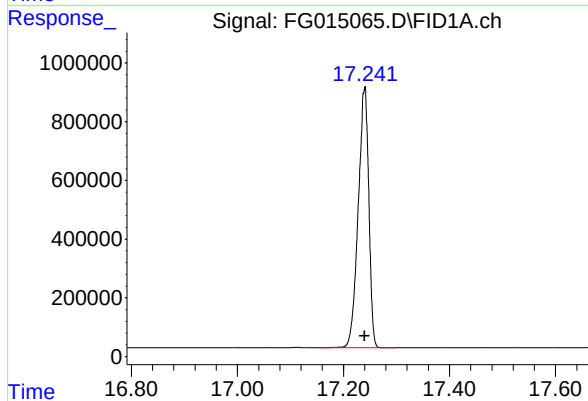
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.000 min
Response: 13119448
Conc: 96.54 ug/ml



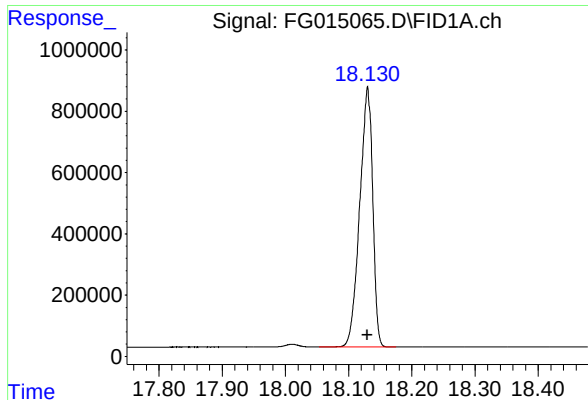
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 12753771
Conc: 96.47 ug/ml



#16 n-Octacosane (C28)

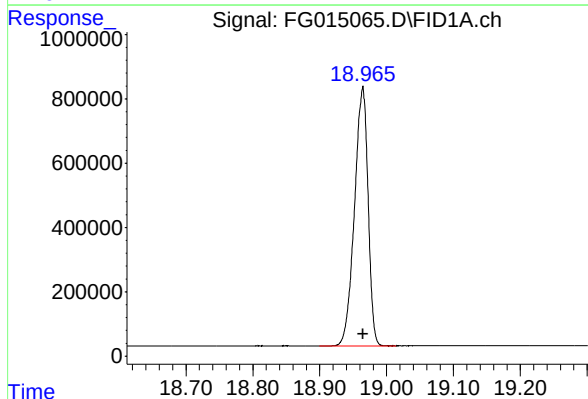
R.T.: 17.240 min
Delta R.T.: 0.000 min
Response: 12284577
Conc: 96.18 ug/ml



#17 n-Tricontane (C30)

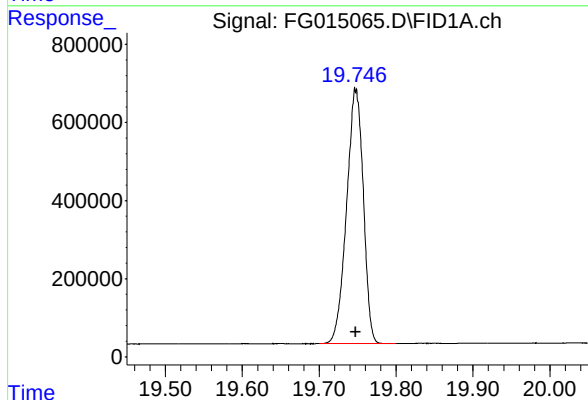
R.T.: 18.130 min
Delta R.T.: 0.000 min
Response: 12117295
Conc: 95.27 ug/ml

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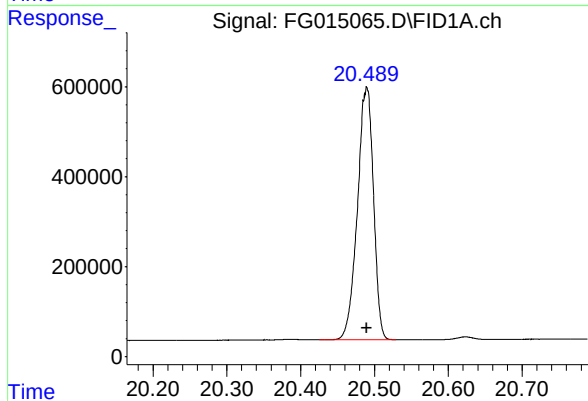
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.000 min
Response: 11357410
Conc: 94.74 ug/ml



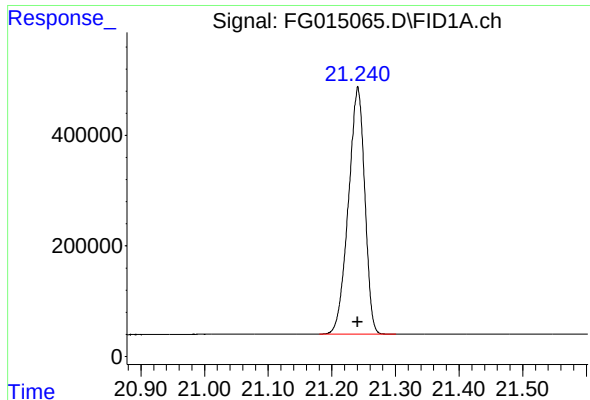
#19 n-Tetatriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.000 min
Response: 9848384
Conc: 94.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.490 min
Delta R.T.: 0.000 min
Response: 8488320
Conc: 95.11 ug/ml



#21 n-Octatriacontane (C38)

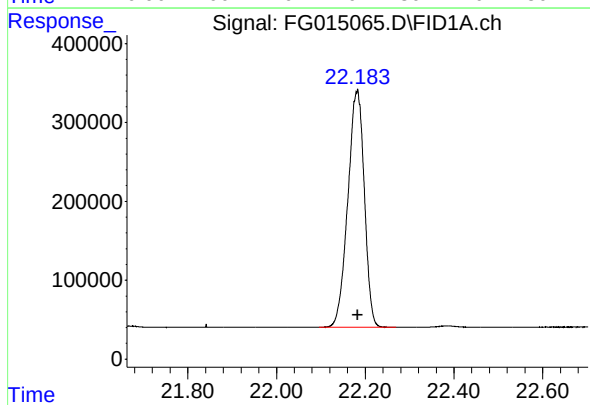
R.T.: 21.241 min
Delta R.T.: 0.000 min
Response: 8002059
Conc: 95.04 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.000 min
Response: 7742286
Conc: 94.84 ug/ml