

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016428.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 09:33
 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: Aug 28 11:14:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 11:12:40 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)	12.087	12456348	97.424 ug/ml
Spiked Amount 50.000		Recovery =	194.85%
12) S 1-chlorooctadecane (S...	13.529	9489485	97.617 ug/ml
Spiked Amount 50.000		Recovery =	195.23%
Target Compounds			
1) T n-Nonane (C9)	3.398	10659824	97.526 ug/ml
2) T n-Decane (C10)	4.661	10873395	97.723 ug/ml
3) T A~Naphthalene (C11.7)	6.383	11793800	97.426 ug/ml
4) T n-Dodecane (C12)	6.843	10973084	97.683 ug/ml
5) T A~2-methylnaphthalene...	7.487	11519297	98.209 ug/ml
6) T n-Tetradecane (C14)	8.685	10896406	97.677 ug/ml
7) T n-Hexadecane (C16)	10.305	11241929	97.594 ug/ml
8) T n-Octadecane (C18)	11.761	11351104	97.443 ug/ml
10) T n-Eicosane (C20)	13.079	10939524	97.356 ug/ml
11) T n-Heneicosane (C21)	13.696	10781397	97.443 ug/ml
13) T n-Docosane (C22)	14.287	10721937	97.401 ug/ml
14) T n-Tetracosane (C24)	15.399	10647988	97.288 ug/ml
15) T n-Hexacosane (C26)	16.427	10397332	97.228 ug/ml
16) T n-Octacosane (C28)	17.383	10089105	97.216 ug/ml
17) T n-Tricontane (C30)	18.277	10037248	96.439 ug/ml
18) T n-Dotriacontane (C32)	19.114	9522175	95.802 ug/ml
19) T n-Tetratriacontane (C34)	19.903	8736024	95.968 ug/ml
20) T n-Hexatriacontane (C36)	20.646	7675633	96.112 ug/ml
21) T n-Octatriacontane (C38)	21.434	7084807	96.306 ug/ml
22) T n-Tetracontane (C40)	22.435	6825251	96.179 ug/ml

(f)=RT Delta > 1/2 Window

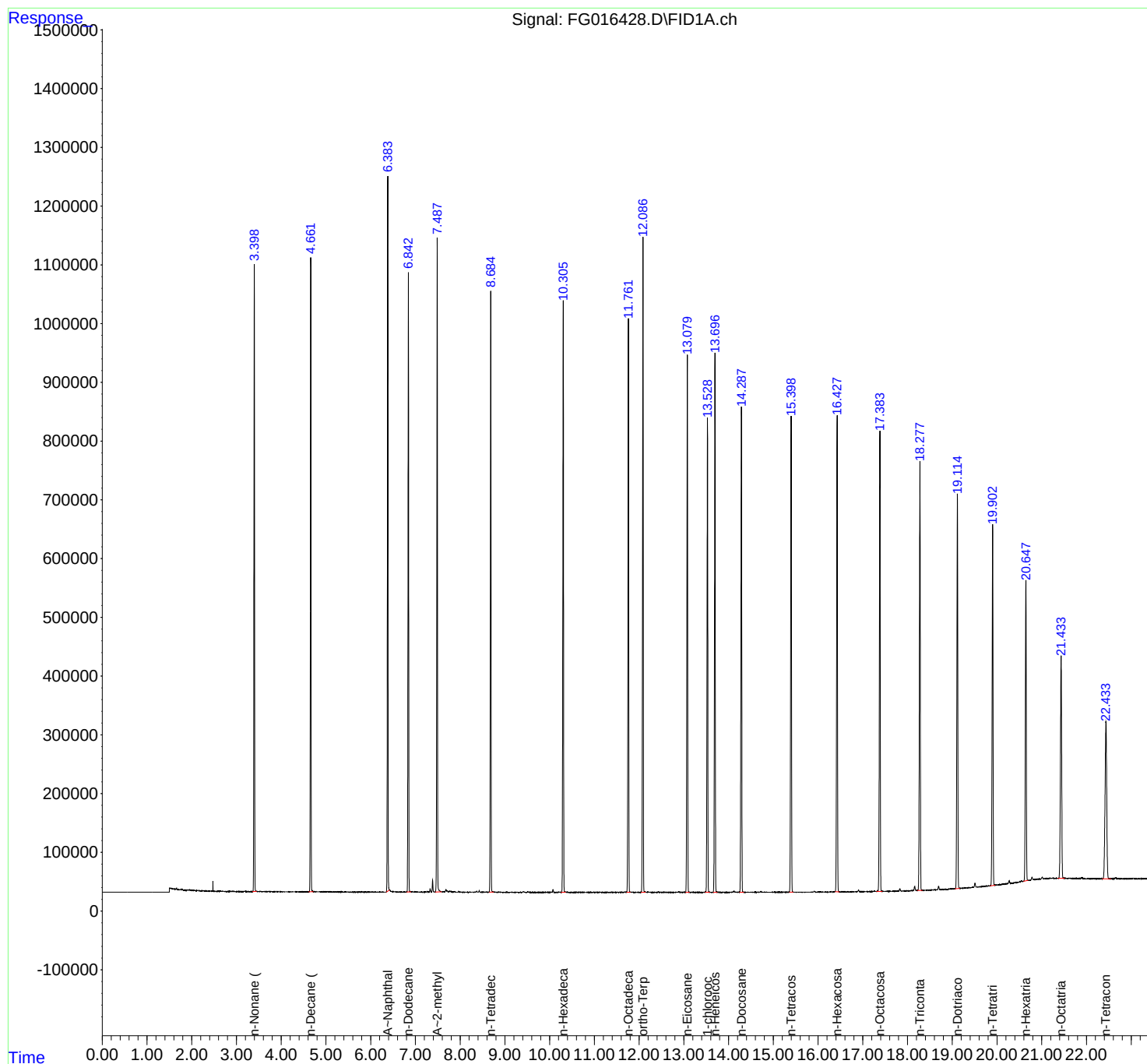
(m)=manual int.

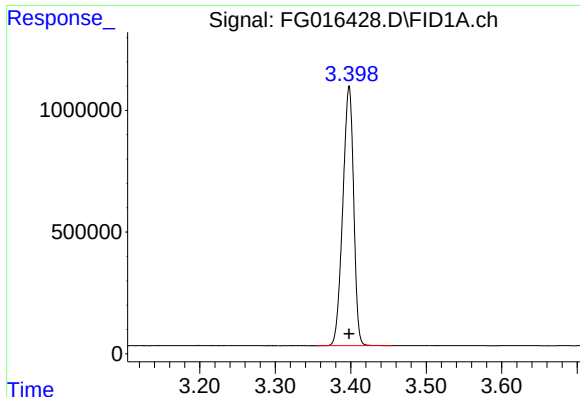
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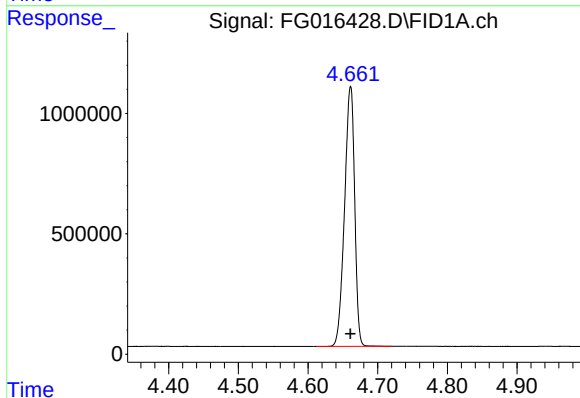




#1 n-Nonane (C9)

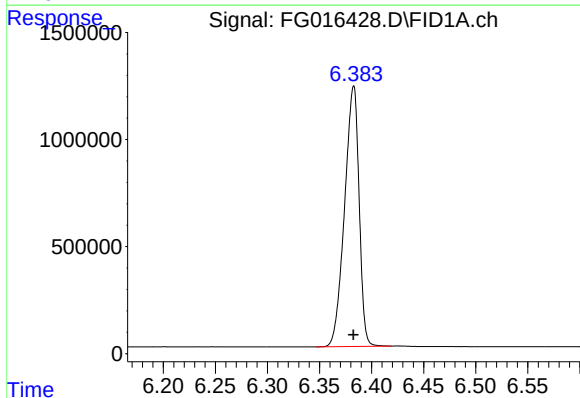
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 10659824
Conc: 97.53 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



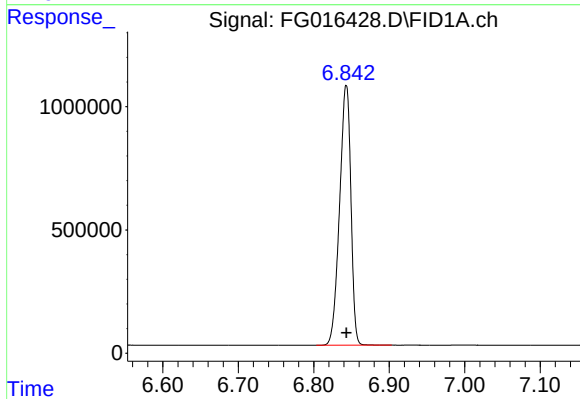
#2 n-Decane (C10)

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 10873395
Conc: 97.72 ug/ml



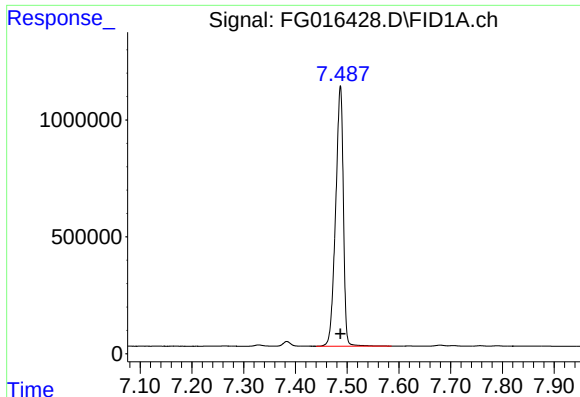
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 11793800
Conc: 97.43 ug/ml



#4 n-Dodecane (C12)

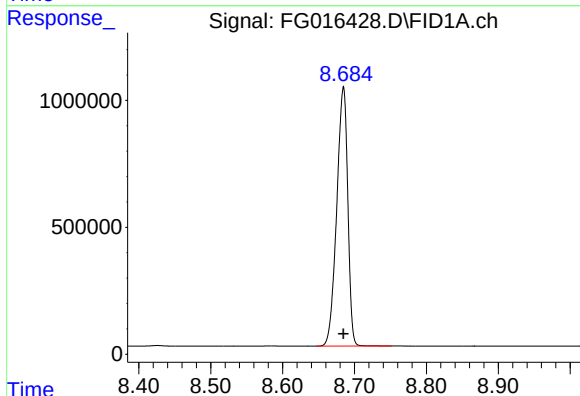
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 10973084
Conc: 97.68 ug/ml



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

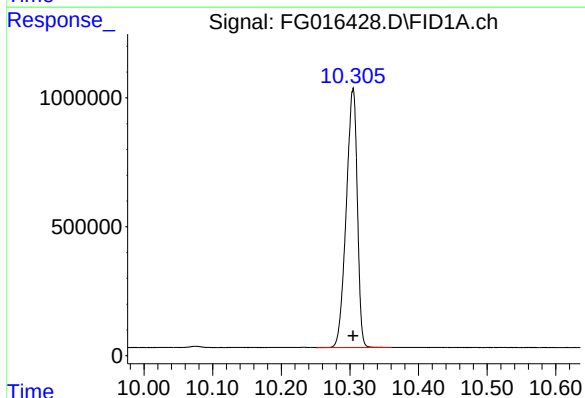
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 11519297
Conc: 98.21 ug/ml

Instrument :
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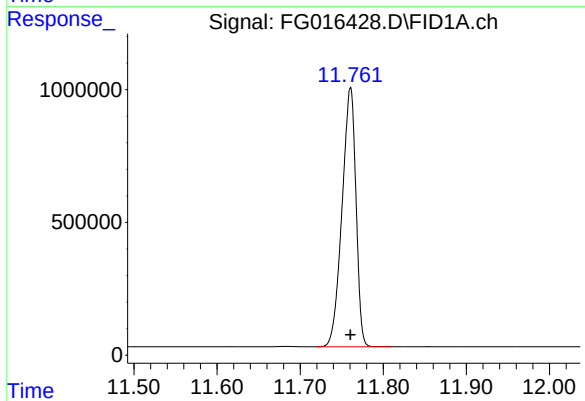
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 10896406
Conc: 97.68 ug/ml



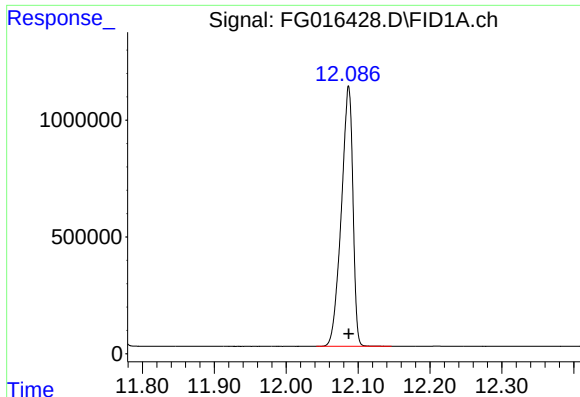
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: 0.000 min
Response: 11241929
Conc: 97.59 ug/ml



#8 n-Octadecane (C18)

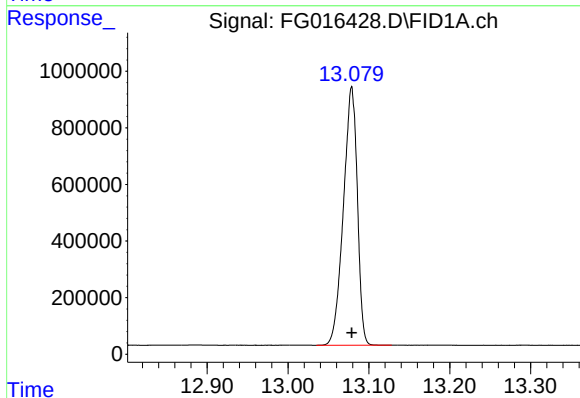
R.T.: 11.761 min
Delta R.T.: 0.000 min
Response: 11351104
Conc: 97.44 ug/ml



#9 ortho-Terphenyl (SURR)

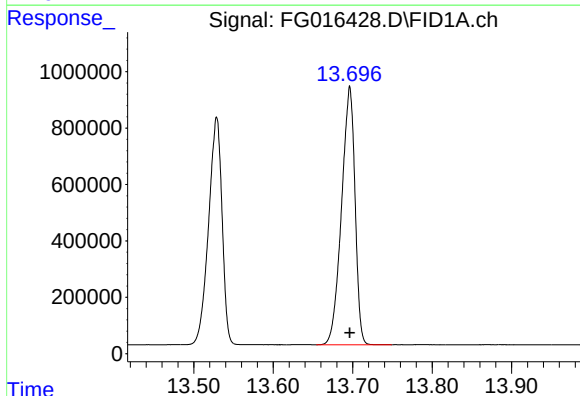
R.T.: 12.087 min
Delta R.T.: 0.000 min
Response: 12456348
Conc: 97.42 ug/ml

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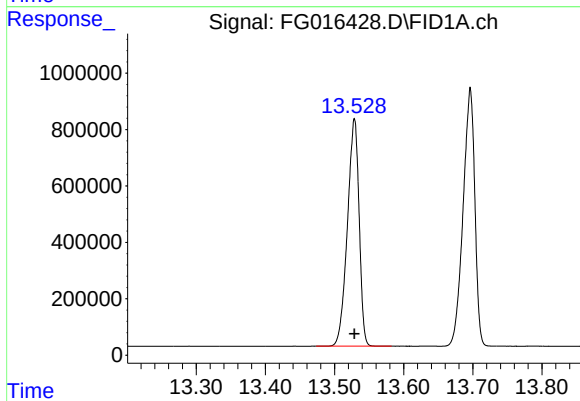
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 10939524
Conc: 97.36 ug/ml



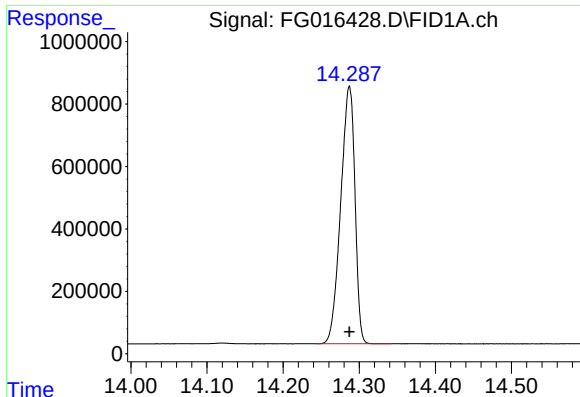
#11 n-Heneicosane (C21)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 10781397
Conc: 97.44 ug/ml



#12 1-chlorooctadecane (SURR)

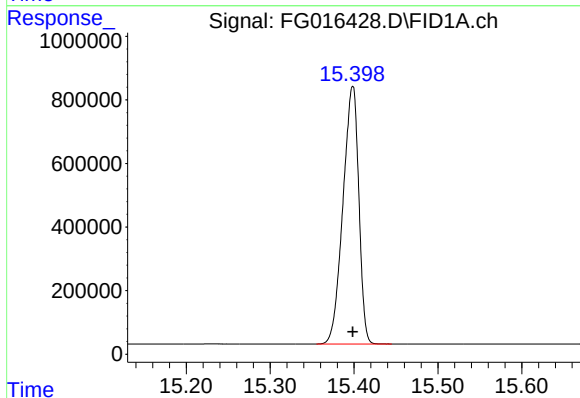
R.T.: 13.529 min
Delta R.T.: 0.000 min
Response: 9489485
Conc: 97.62 ug/ml



#13 n-Docosane (C22)

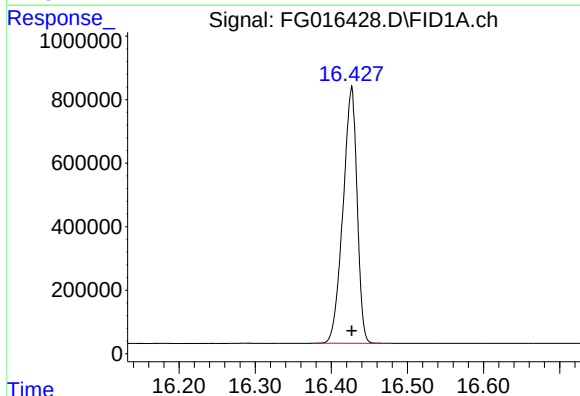
R.T.: 14.287 min
Delta R.T.: 0.000 min
Response: 10721937
Conc: 97.40 ug/ml

Instrument :
FID_G
ClientSampleId :
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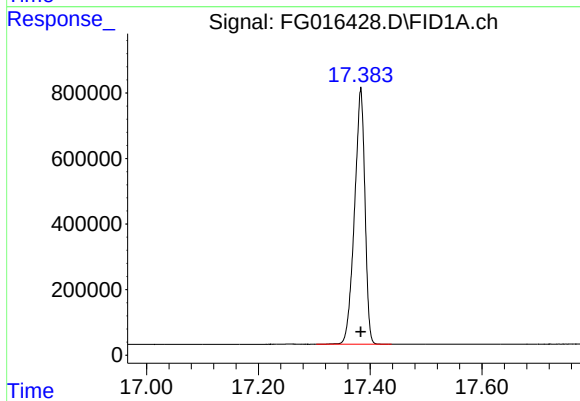
#14 n-Tetracosane (C24)

R.T.: 15.399 min
Delta R.T.: 0.000 min
Response: 10647988
Conc: 97.29 ug/ml



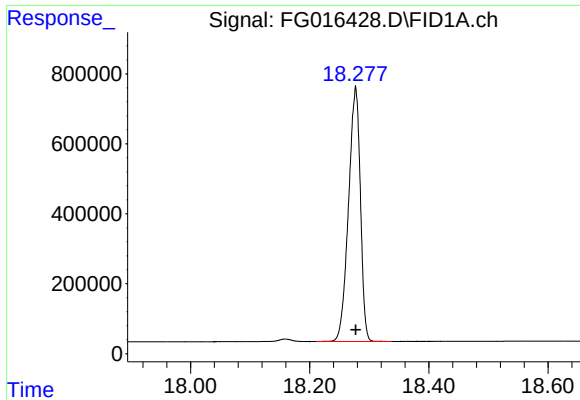
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 10397332
Conc: 97.23 ug/ml



#16 n-Octacosane (C28)

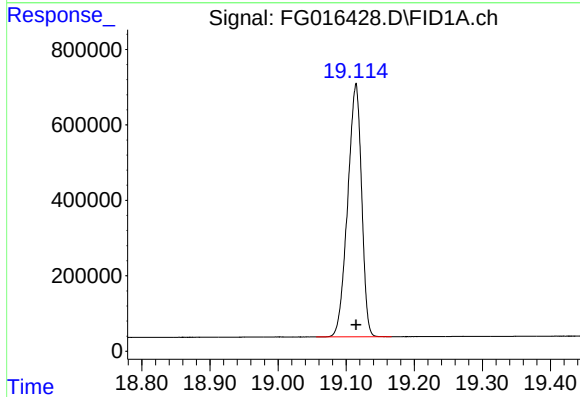
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 10089105
Conc: 97.22 ug/ml



#17 n-Tricontane (C30)

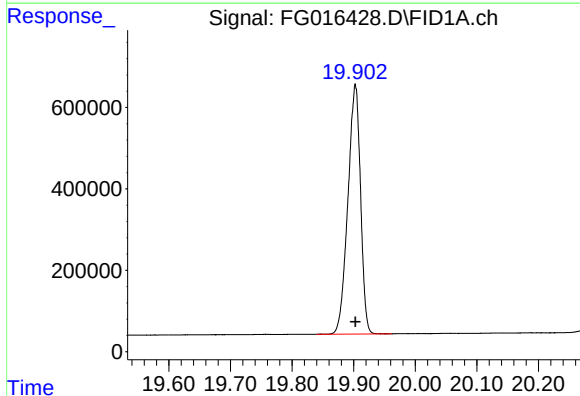
R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 10037248
Conc: 96.44 ug/ml

Instrument :
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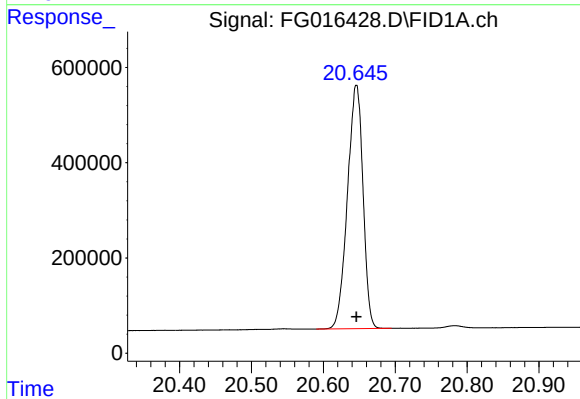
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.000 min
Response: 9522175
Conc: 95.80 ug/ml



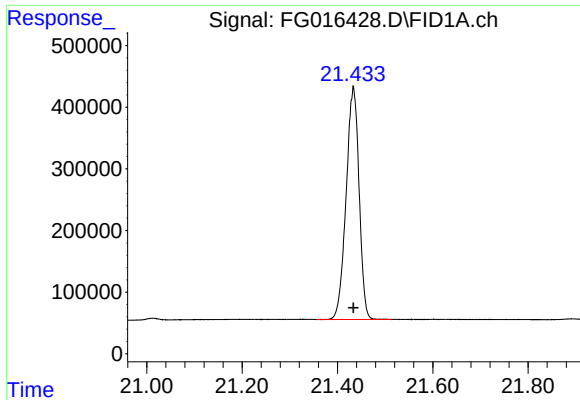
#19 n-Tetratriacontane (C34)

R.T.: 19.903 min
Delta R.T.: 0.000 min
Response: 8736024
Conc: 95.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.646 min
Delta R.T.: 0.000 min
Response: 7675633
Conc: 96.11 ug/ml



#21 n-Octatriacontane (C38)

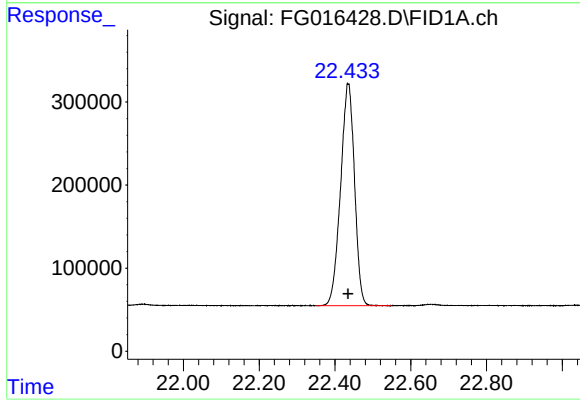
R.T.: 21.434 min
Delta R.T.: 0.000 min
Response: 7084807
Conc: 96.31 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.000 min
Response: 6825251
Conc: 96.18 ug/ml