

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061576.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 13:33
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 20 16:44:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 16:42:53 2022
 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)	11.583	15657115	96.926 ug/ml
Spiked Amount 50.000		Recovery =	193.85%
12) S 1-chlorooctadecane (S...	13.020	12455618	96.486 ug/ml
Spiked Amount 50.000		Recovery =	192.97%
Target Compounds			
1) T n-Nonane (C9)	3.327	13693801	97.386 ug/ml
2) T n-Decane (C10)	4.398	13827705	96.880 ug/ml
3) T A~Naphthalene (C11.7)	5.985	15204002	97.039 ug/ml
4) T n-Dodecane (C12)	6.418	13950222	97.133 ug/ml
5) T A~2-methylnaphthalene...	7.043	15109216	97.425 ug/ml
6) T n-Tetradecane (C14)	8.218	13995925	97.148 ug/ml
7) T n-Hexadecane (C16)	9.821	14187126	96.963 ug/ml
8) T n-Octadecane (C18)	11.266	14425864	96.940 ug/ml
10) T n-Eicosane (C20)	12.576	14523151	96.615 ug/ml
11) T n-Heneicosane (C21)	13.188	14570017	96.146 ug/ml
13) T n-Docosane (C22)	13.775	14562852	96.072 ug/ml
14) T n-Tetracosane (C24)	14.878	14429267	95.370 ug/ml
15) T n-Hexacosane (C26)	15.899	14204643	94.782 ug/ml
16) T n-Octacosane (C28)	16.848	13790931	94.027 ug/ml
17) T n-Tricontane (C30)	17.736	13523438	93.399 ug/ml
18) T n-Dotriacontane (C32)	18.568	13081972	92.599 ug/ml
19) T n-Tetratriacontane (C34)	19.351	12229228	92.206 ug/ml
20) T n-Hexatriacontane (C36)	20.090	11928365	91.304 ug/ml
21) T n-Octatriacontane (C38)	20.824	11359452	92.711 ug/ml
22) T n-Tetracontane (C40)	21.738	10893488	94.885 ug/ml

(f)=RT Delta > 1/2 Window

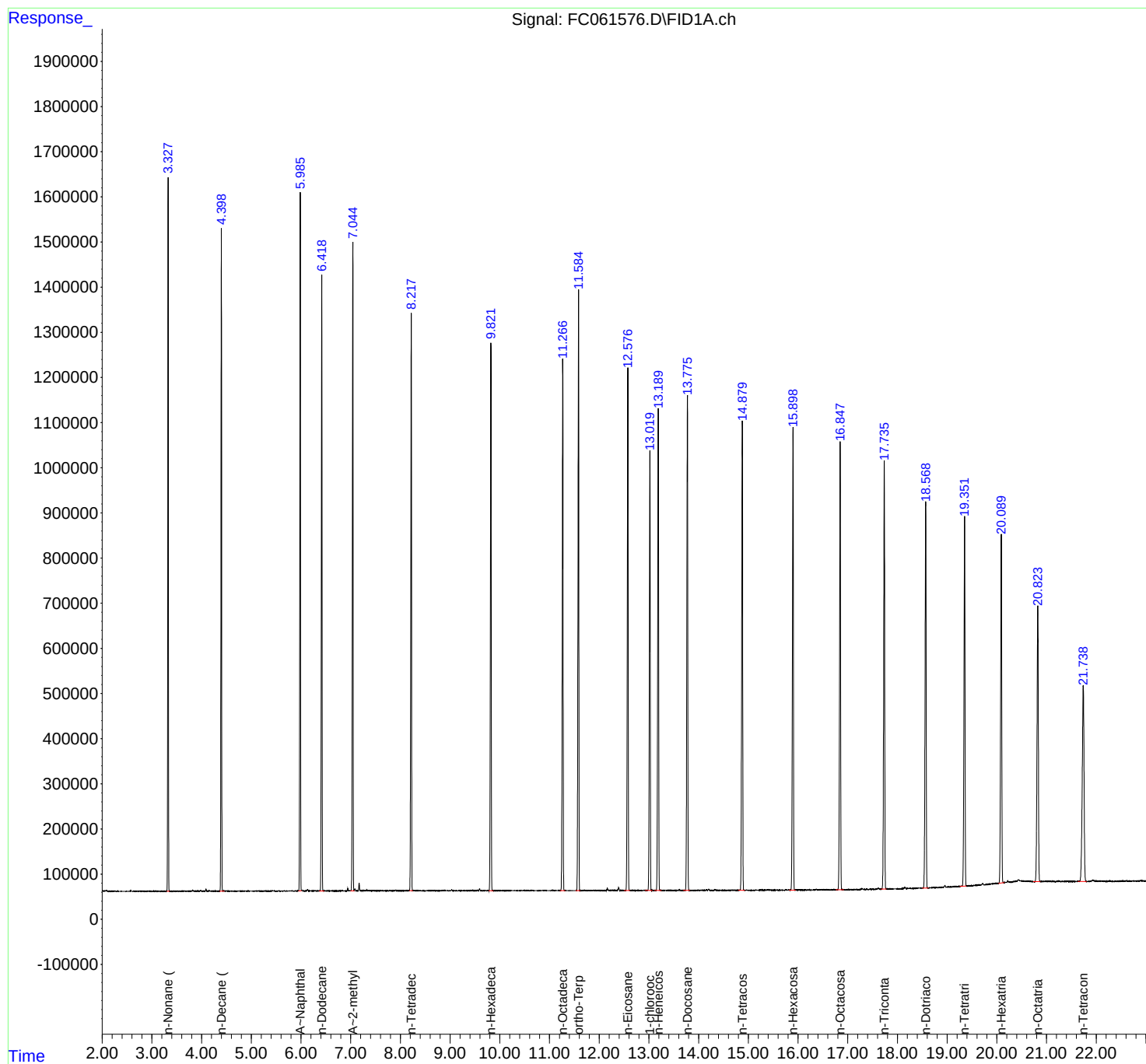
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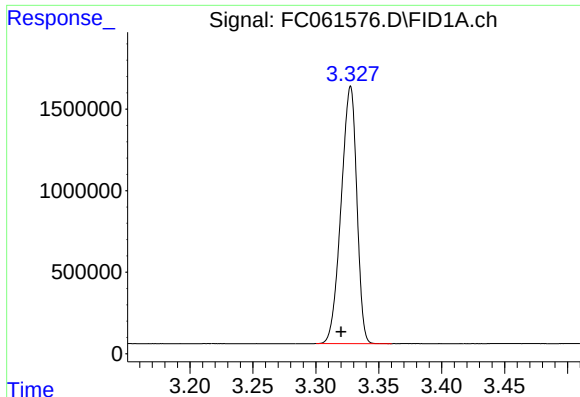
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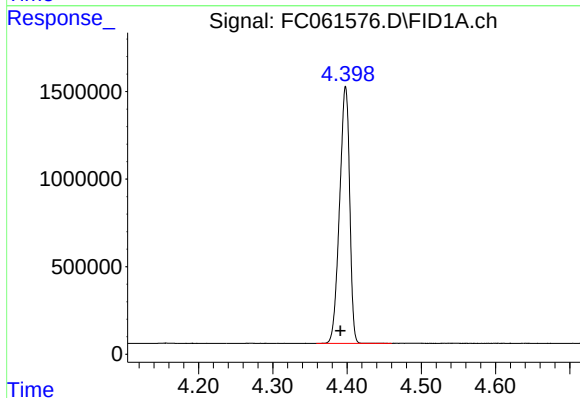




#1 n-Nonane (C9)

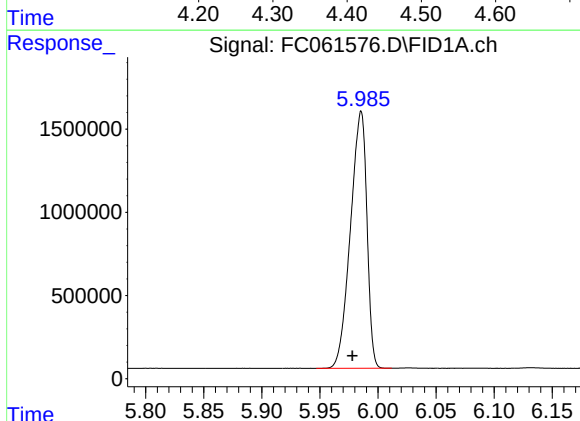
R.T.: 3.327 min
Delta R.T.: 0.007 min
Response: 13693801
Conc: 97.39 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



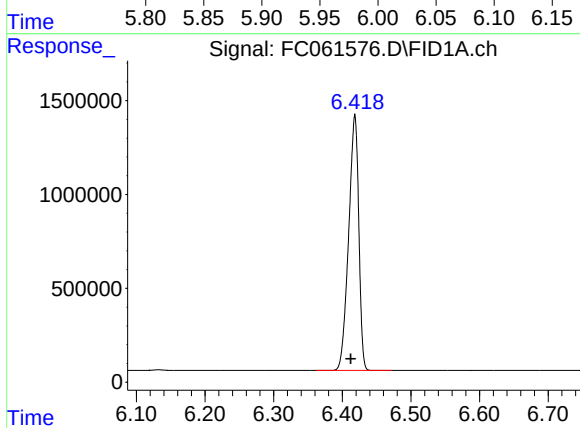
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.007 min
Response: 13827705
Conc: 96.88 ug/ml



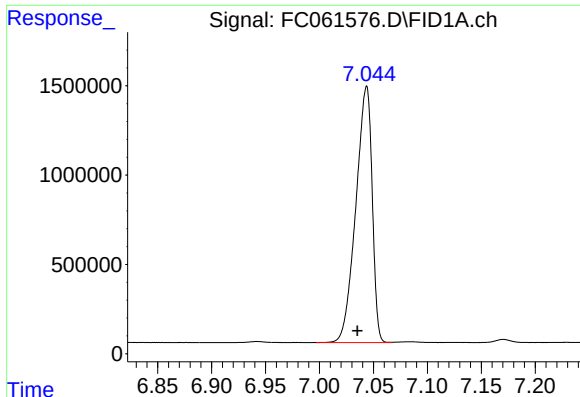
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: 0.007 min
Response: 15204002
Conc: 97.04 ug/ml



#4 n-Dodecane (C12)

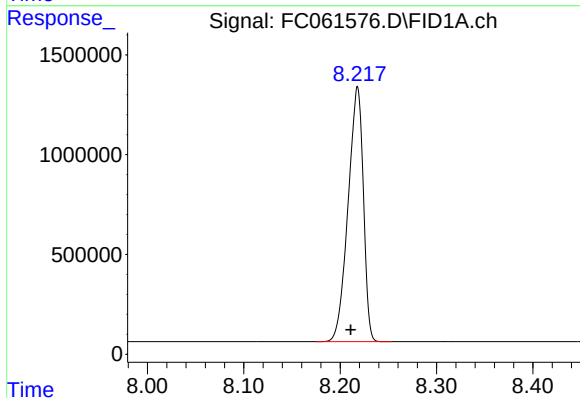
R.T.: 6.418 min
Delta R.T.: 0.006 min
Response: 13950222
Conc: 97.13 ug/ml



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

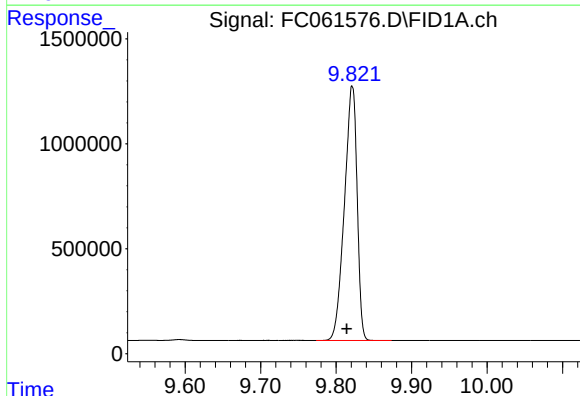
R.T.: 7.043 min
Delta R.T.: 0.008 min
Response: 15109216
Conc: 97.42 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



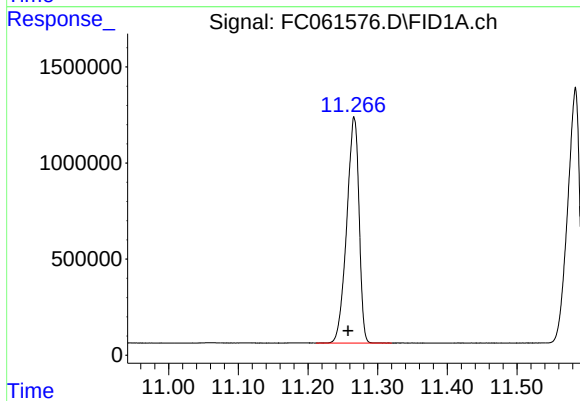
#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: 0.007 min
Response: 13995925
Conc: 97.15 ug/ml



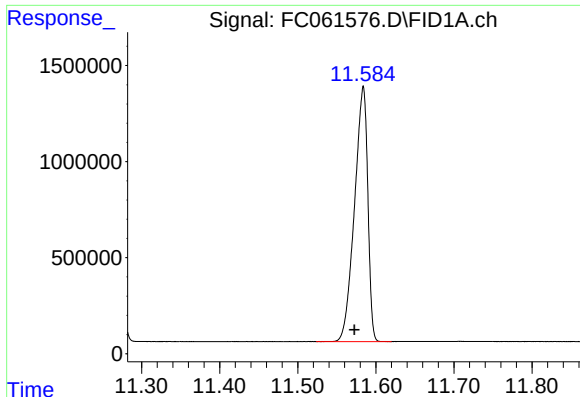
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.007 min
Response: 14187126
Conc: 96.96 ug/ml



#8 n-Octadecane (C18)

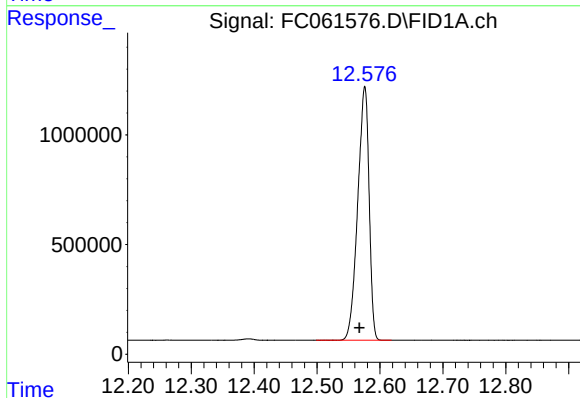
R.T.: 11.266 min
Delta R.T.: 0.009 min
Response: 14425864
Conc: 96.94 ug/ml



#9 ortho-Terphenyl (SURR)

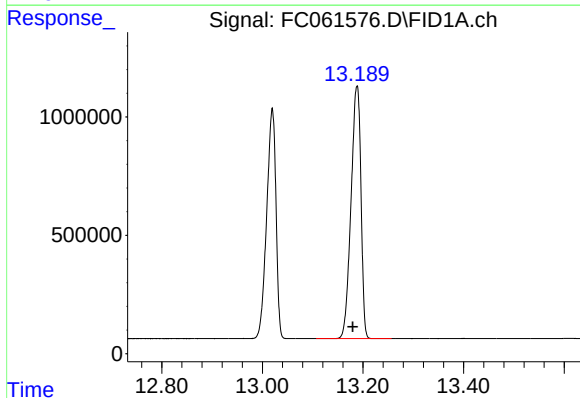
R.T.: 11.583 min
Delta R.T.: 0.011 min
Response: 15657115
Conc: 96.93 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



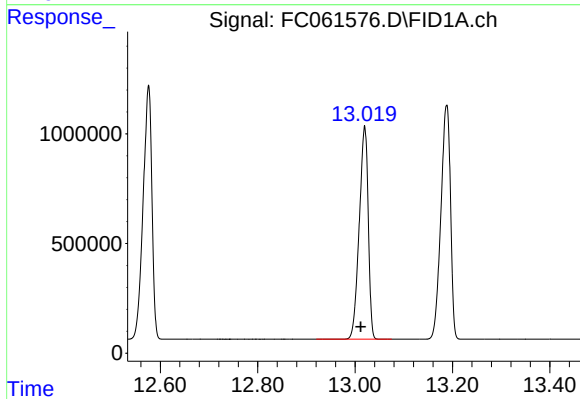
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: 0.008 min
Response: 14523151
Conc: 96.61 ug/ml



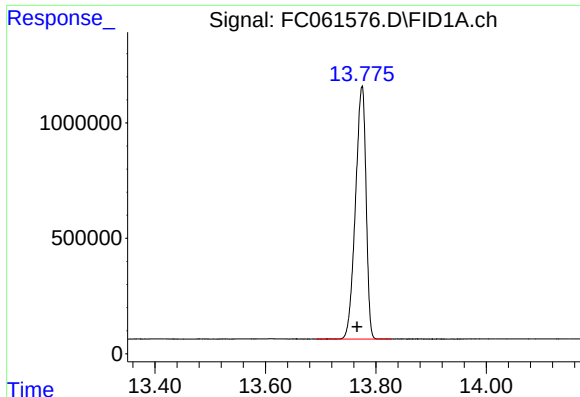
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: 0.008 min
Response: 14570017
Conc: 96.15 ug/ml



#12 1-chlorooctadecane (SURR)

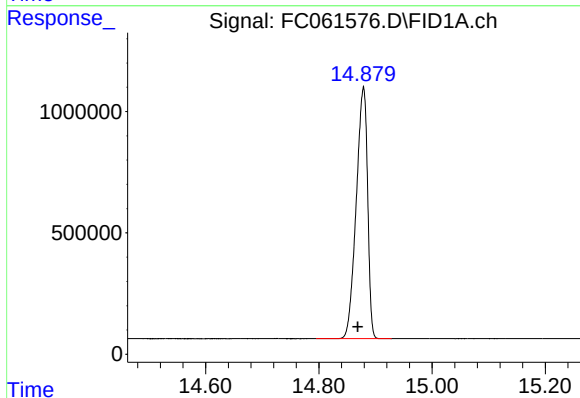
R.T.: 13.020 min
Delta R.T.: 0.008 min
Response: 12455618
Conc: 96.49 ug/ml



#13 n-Docosane (C22)

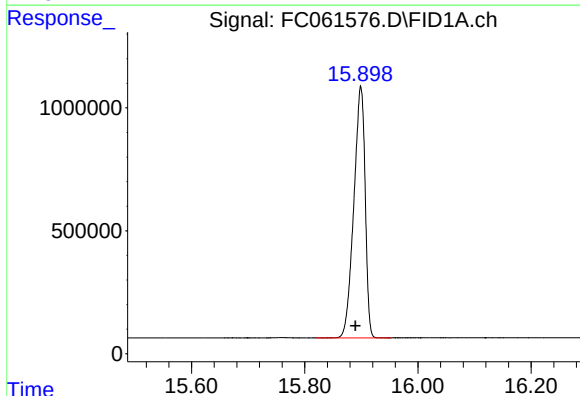
R.T.: 13.775 min
Delta R.T.: 0.009 min
Response: 14562852
Conc: 96.07 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



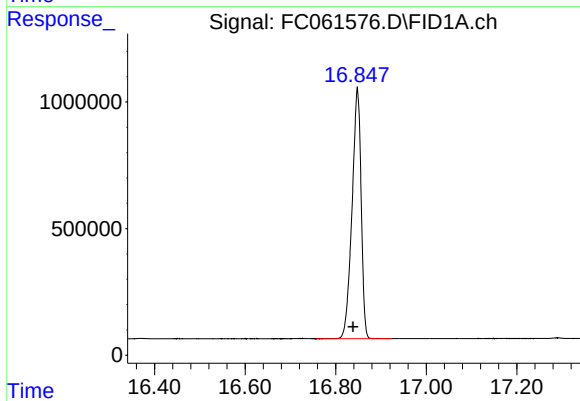
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: 0.010 min
Response: 14429267
Conc: 95.37 ug/ml



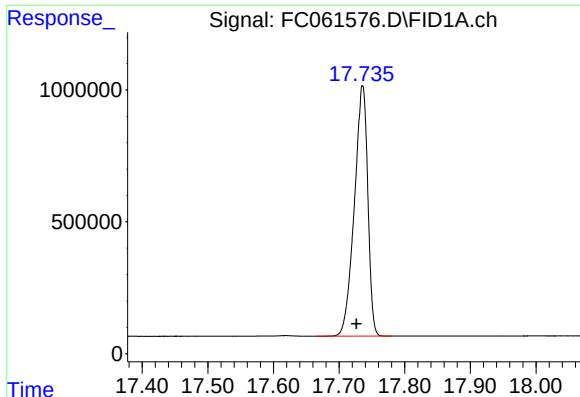
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.010 min
Response: 14204643
Conc: 94.78 ug/ml



#16 n-Octacosane (C28)

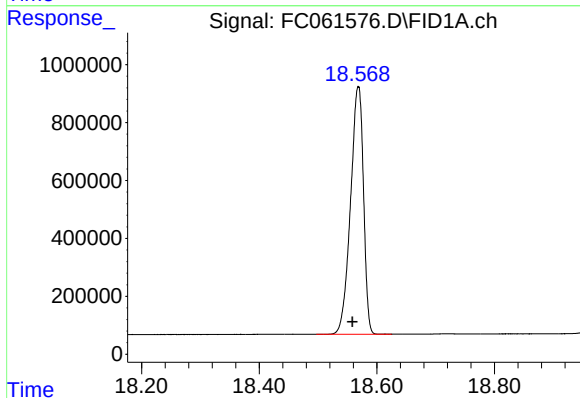
R.T.: 16.848 min
Delta R.T.: 0.009 min
Response: 13790931
Conc: 94.03 ug/ml



#17 n-Tricontane (C30)

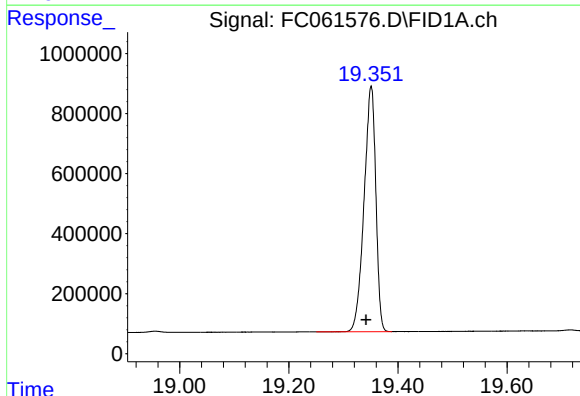
R.T.: 17.736 min
Delta R.T.: 0.009 min
Response: 13523438
Conc: 93.40 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



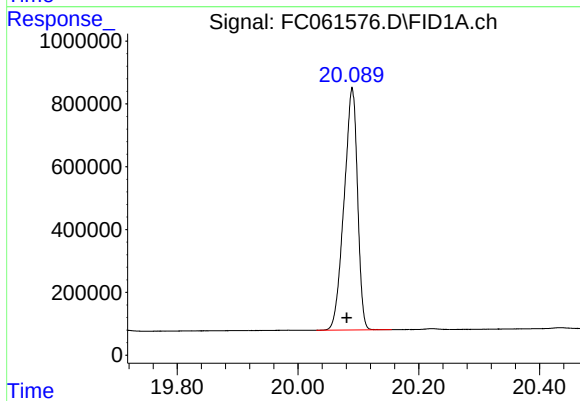
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: 0.010 min
Response: 13081972
Conc: 92.60 ug/ml



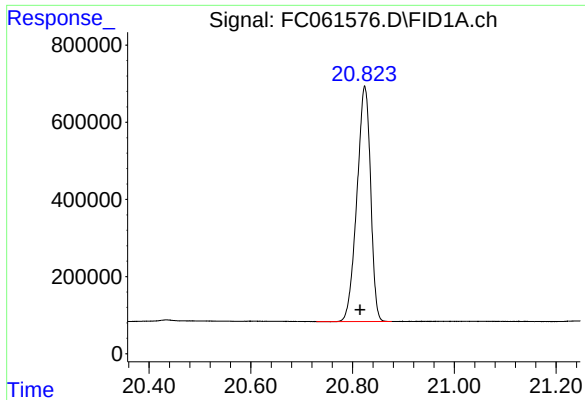
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: 0.009 min
Response: 12229228
Conc: 92.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: 0.009 min
Response: 11928365
Conc: 91.30 ug/ml



#21 n-Octatriacontane (C38)

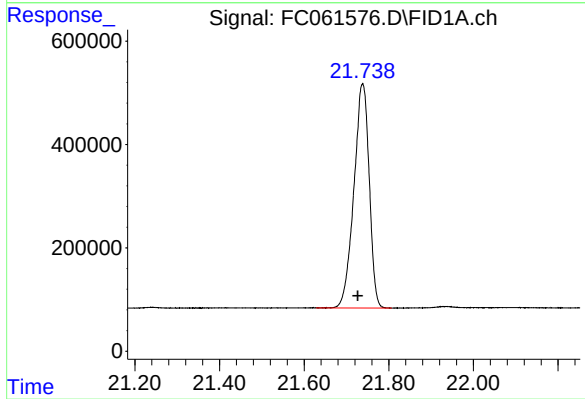
R.T.: 20.824 min
Delta R.T.: 0.009 min
Response: 11359452
Conc: 92.71 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: 0.011 min
Response: 10893488
Conc: 94.89 ug/ml