

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F123124AL\
 Data File : FC068081.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 09:48
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 31 11:14:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:14:35 2024
 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)	11.439	7242345	49.297 ug/ml
Spiked Amount 50.000		Recovery =	98.59%
12) S 1-chlorooctadecane (S...	12.878	5371127	49.287 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
Target Compounds			
1) T n-Nonane (C9)	3.238	6466893	49.357 ug/ml
2) T n-Decane (C10)	4.297	6552750	49.430 ug/ml
3) T A~Naphthalene (C11.7)	5.867	7192182	49.423 ug/ml
4) T n-Dodecane (C12)	6.307	6547209	49.406 ug/ml
5) T A~2-methylnaphthalene...	6.920	6947729	49.486 ug/ml
6) T n-Tetradecane (C14)	8.096	6393486	49.323 ug/ml
7) T n-Hexadecane (C16)	9.693	6503857	49.347 ug/ml
8) T n-Octadecane (C18)	11.131	6498366	49.304 ug/ml
10) T n-Eicosane (C20)	12.438	6170637	49.269 ug/ml
11) T n-Heneicosane (C21)	13.048	6038799	49.219 ug/ml
13) T n-Docosane (C22)	13.633	5963461	49.191 ug/ml
14) T n-Tetracosane (C24)	14.732	5867251	49.123 ug/ml
15) T n-Hexacosane (C26)	15.751	5715741	49.052 ug/ml
16) T n-Octacosane (C28)	16.699	5550458	49.075 ug/ml
17) T n-Tricontane (C30)	17.585	5534232	49.002 ug/ml
18) T n-Dotriacontane (C32)	18.415	5266263	49.010 ug/ml
19) T n-Tetratriacontane (C34)	19.196	4651252	49.087 ug/ml
20) T n-Hexatriacontane (C36)	19.935	4079283	49.086 ug/ml
21) T n-Octatriacontane (C38)	20.649	3884287	49.047 ug/ml
22) T n-Tetracontane (C40)	21.513	3823291	49.093 ug/ml

(f)=RT Delta > 1/2 Window

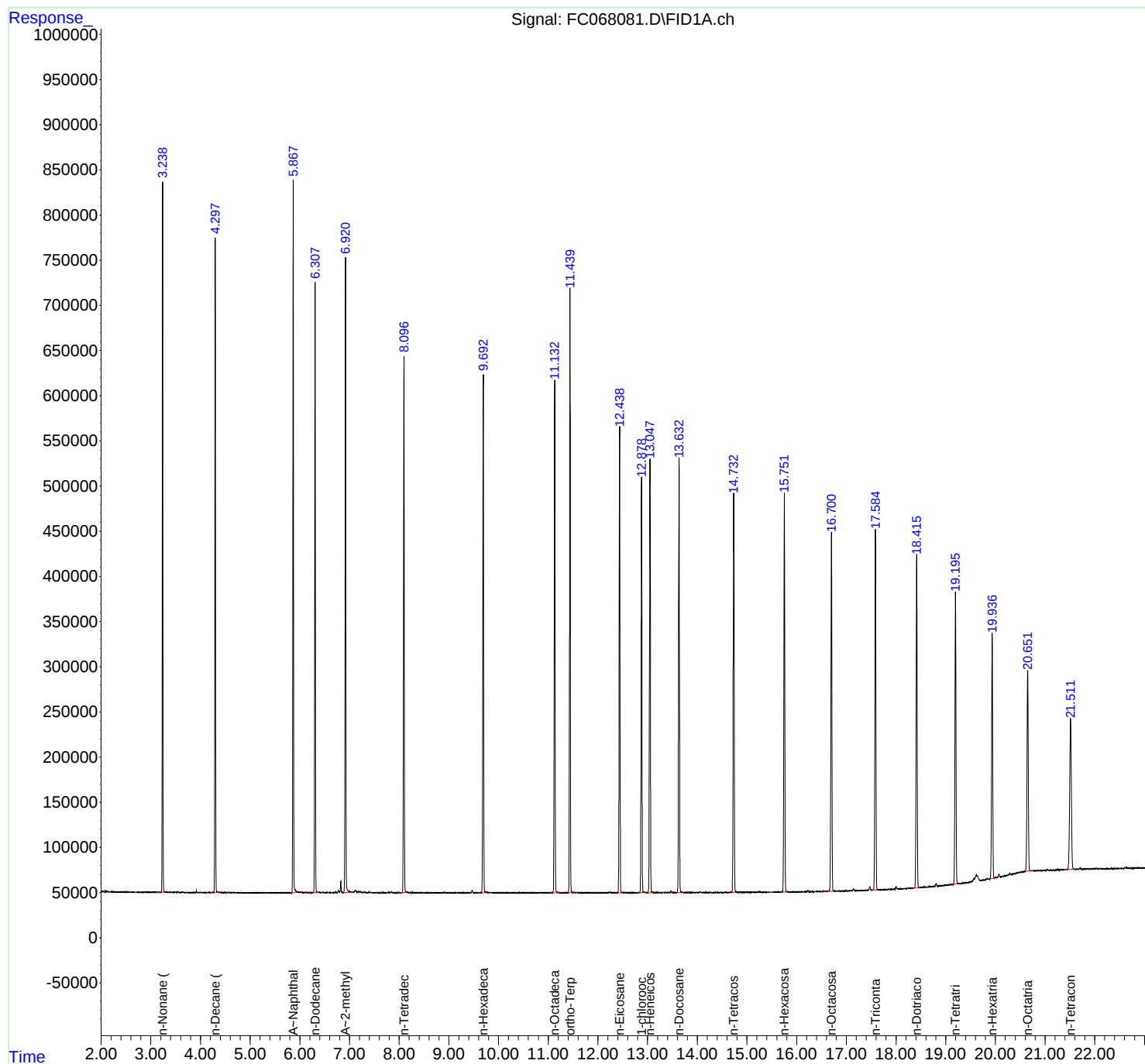
(m)=manual int.

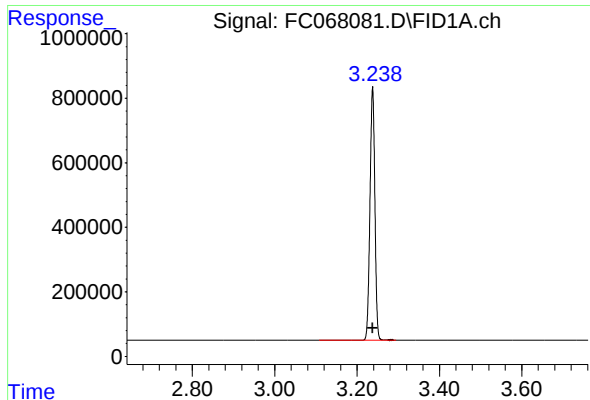
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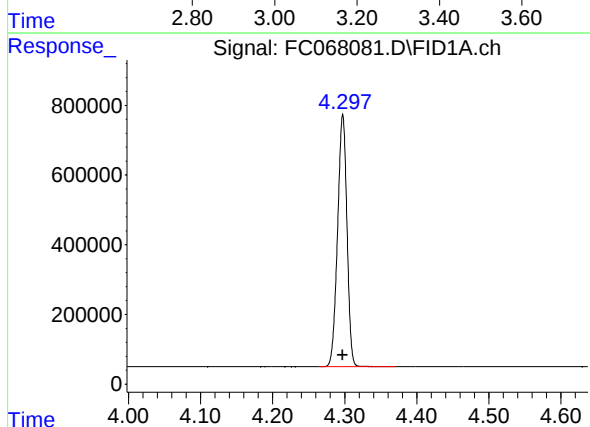




#1 n-Nonane (C9)

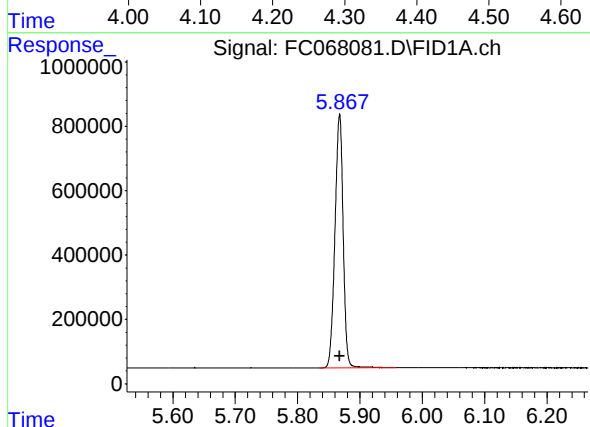
R.T.: 3.238 min
Delta R.T.: 0.000 min
Response: 6466893
Conc: 49.36 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



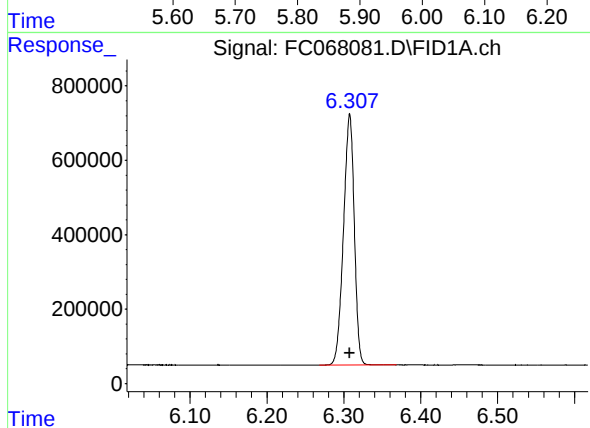
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 6552750
Conc: 49.43 ug/ml



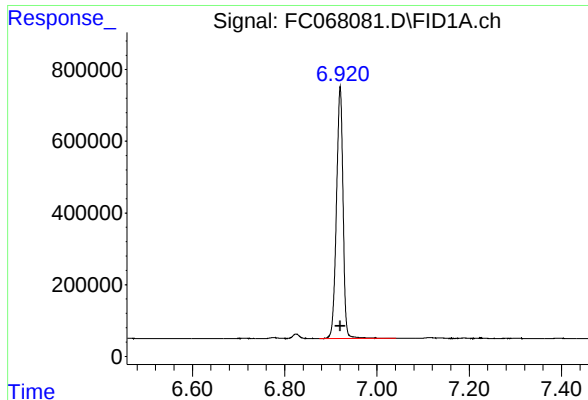
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 7192182
Conc: 49.42 ug/ml



#4 n-Dodecane (C12)

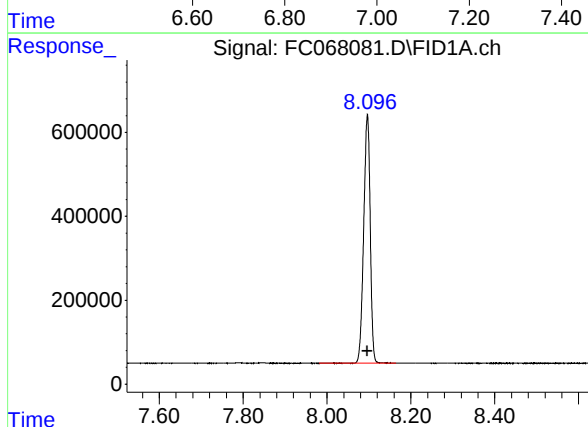
R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 6547209
Conc: 49.41 ug/ml



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

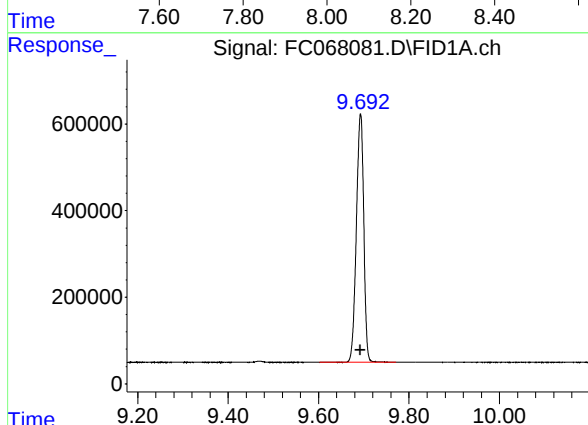
R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 6947729
Conc: 49.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



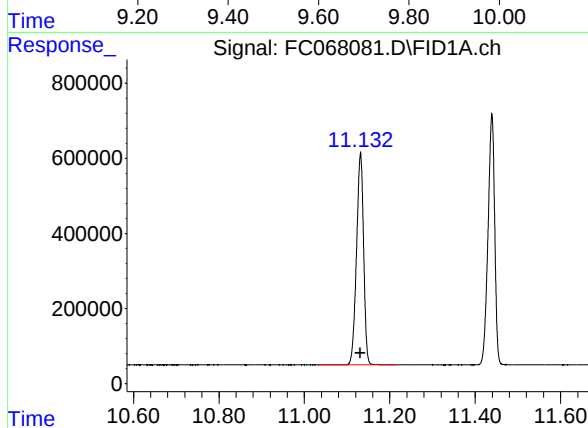
#6 n-Tetradecane (C14)

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 6393486
Conc: 49.32 ug/ml



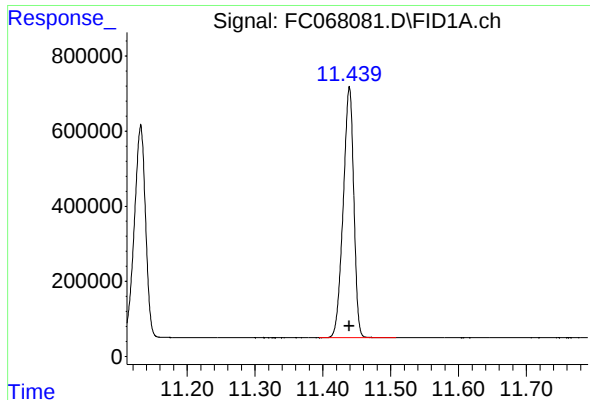
#7 n-Hexadecane (C16)

R.T.: 9.693 min
Delta R.T.: 0.000 min
Response: 6503857
Conc: 49.35 ug/ml



#8 n-Octadecane (C18)

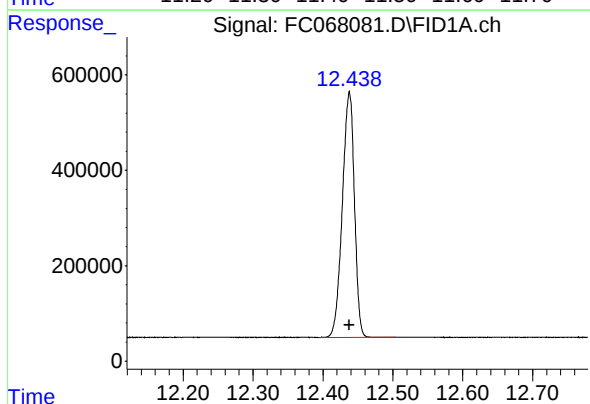
R.T.: 11.131 min
Delta R.T.: 0.000 min
Response: 6498366
Conc: 49.30 ug/ml



#9 ortho-Terphenyl (SURR)

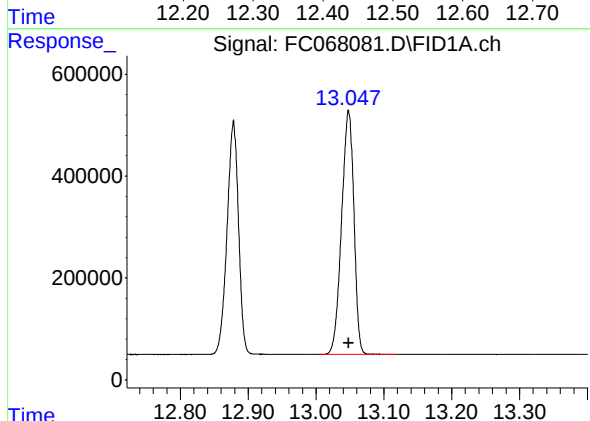
R.T.: 11.439 min
Delta R.T.: 0.000 min
Response: 7242345
Conc: 49.30 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



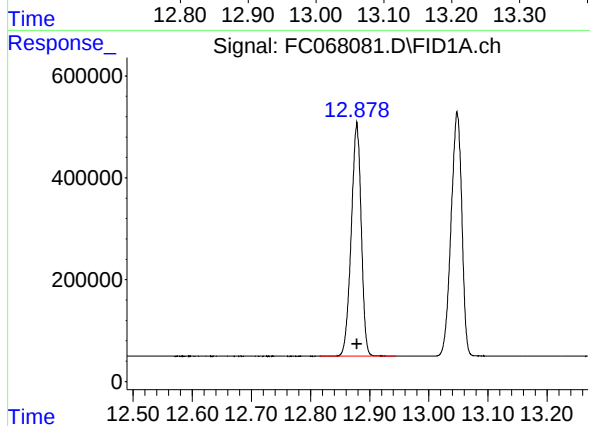
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: 0.000 min
Response: 6170637
Conc: 49.27 ug/ml



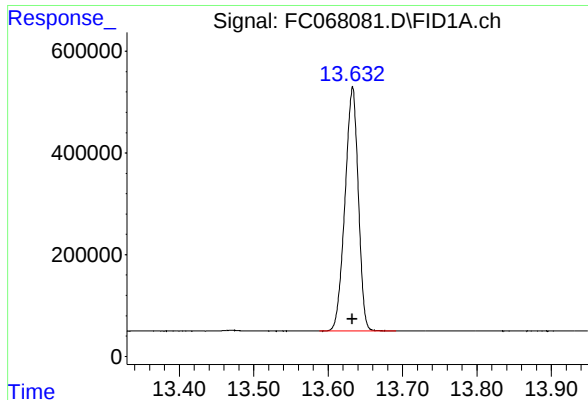
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 6038799
Conc: 49.22 ug/ml



#12 1-chlorooctadecane (SURR)

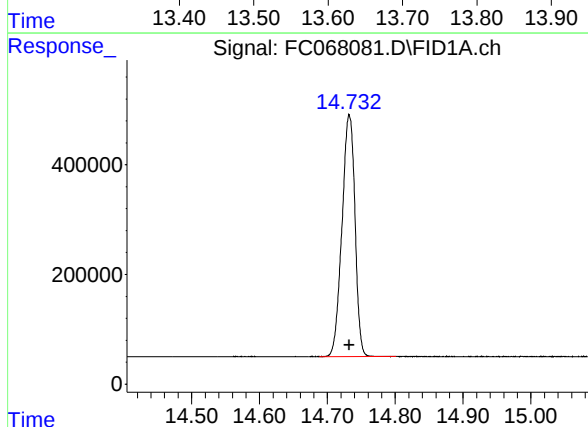
R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 5371127
Conc: 49.29 ug/ml



#13 n-Docosane (C22)

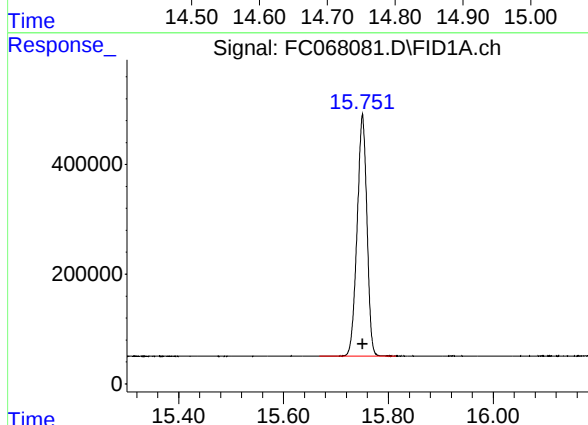
R.T.: 13.633 min
Delta R.T.: 0.000 min
Response: 5963461
Conc: 49.19 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



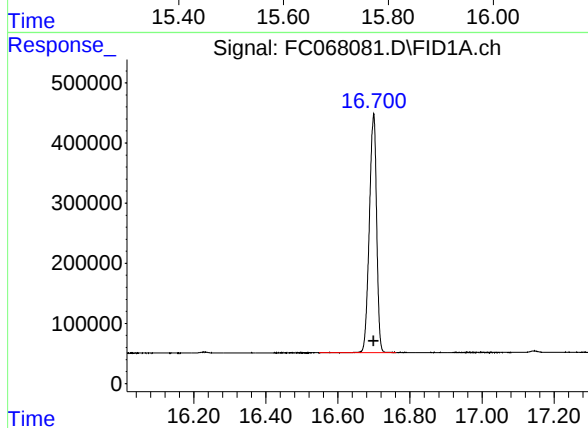
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: 0.000 min
Response: 5867251
Conc: 49.12 ug/ml



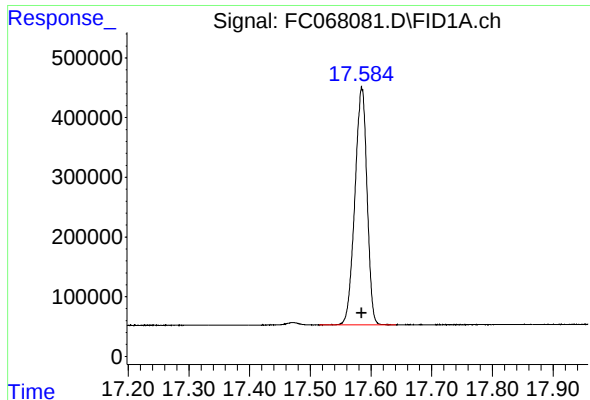
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: 0.000 min
Response: 5715741
Conc: 49.05 ug/ml



#16 n-Octacosane (C28)

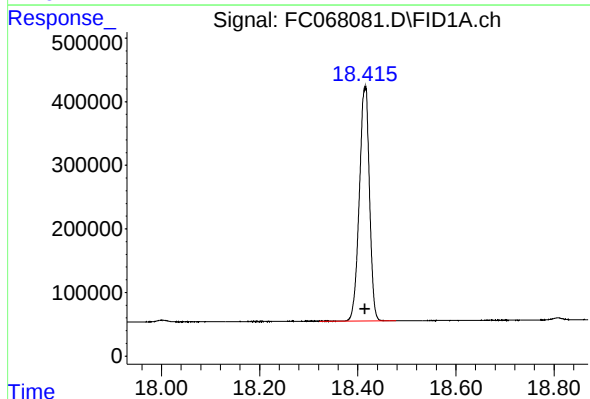
R.T.: 16.699 min
Delta R.T.: 0.000 min
Response: 5550458
Conc: 49.07 ug/ml



#17 n-Tricontane (C30)

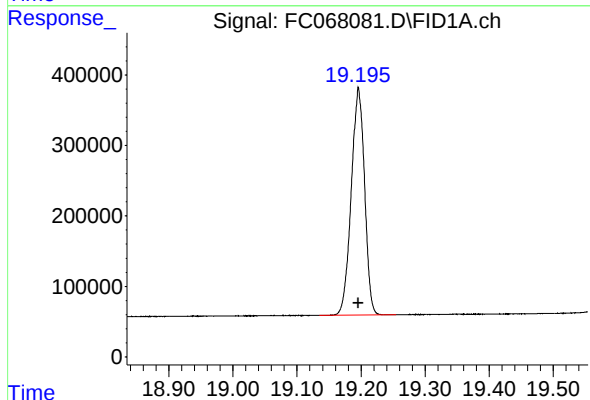
R.T.: 17.585 min
Delta R.T.: 0.000 min
Response: 5534232
Conc: 49.00 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



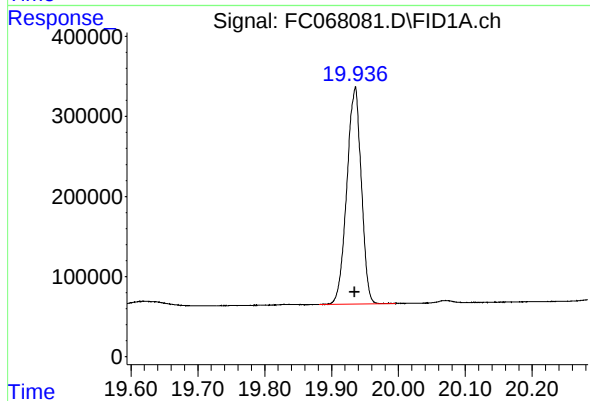
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.000 min
Response: 5266263
Conc: 49.01 ug/ml



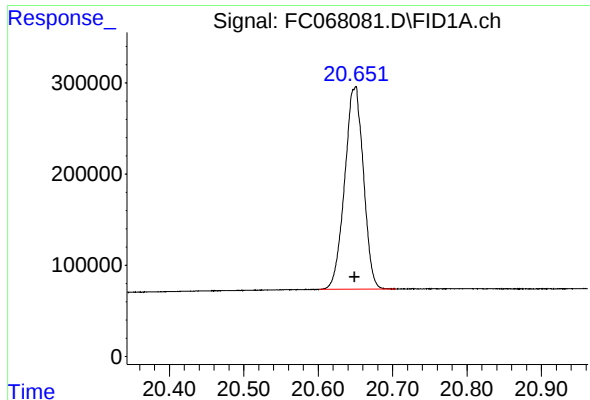
#19 n-Tetatriacontane (C34)

R.T.: 19.196 min
Delta R.T.: 0.000 min
Response: 4651252
Conc: 49.09 ug/ml



#20 n-Hexatriacontane (C36)

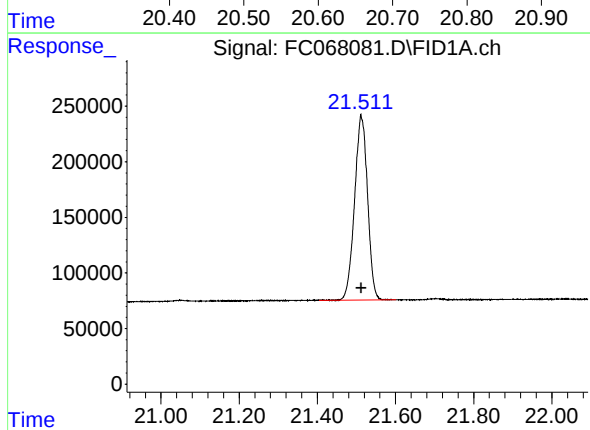
R.T.: 19.935 min
Delta R.T.: 0.000 min
Response: 4079283
Conc: 49.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: 0.000 min
Response: 3884287
Conc: 49.05 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.513 min
Delta R.T.: 0.000 min
Response: 3823291
Conc: 49.09 ug/ml