

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052924AL\
 Data File : FE048426.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2024 11:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 30 01:54:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.955	2919494	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.388	2212987	20.313 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.340	2965843	19.838 ug/ml
2) T n-Decane (C10)	4.590	3029735	20.064 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3007399	20.198 ug/ml
4) T n-Dodecane (C12)	6.755	2988731	20.191 ug/ml
5) T A~2-methylnaphthalene...	7.393	2828773	20.402 ug/ml
6) T n-Tetradecane (C14)	8.584	2864358	20.195 ug/ml
7) T n-Hexadecane (C16)	10.191	2862876	20.307 ug/ml
8) T n-Octadecane (C18)	11.634	2839133	20.442 ug/ml
10) T n-Eicosane (C20)	12.944	2703252	20.427 ug/ml
11) T n-Heneicosane (C21)	13.555	2636018	20.351 ug/ml
13) T n-Docosane (C22)	14.141	2653634	20.593 ug/ml
14) T n-Tetracosane (C24)	15.243	2753057	21.251 ug/ml
15) T n-Hexacosane (C26)	16.264	2789781	21.525 ug/ml
16) T n-Octacosane (C28)	17.212	2857991	22.112 ug/ml
17) T n-Tricontane (C30)	18.099	2998788	22.385 ug/ml
18) T n-Dotriacontane (C32)	18.932	2987635	22.010 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2869709	20.977 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2799939	20.598 ug/ml
21) T n-Octatriacontane (C38)	21.193	2868761	21.036 ug/ml
22) T n-Tetracontane (C40)	22.113	2822983	20.617 ug/ml

(f)=RT Delta > 1/2 Window

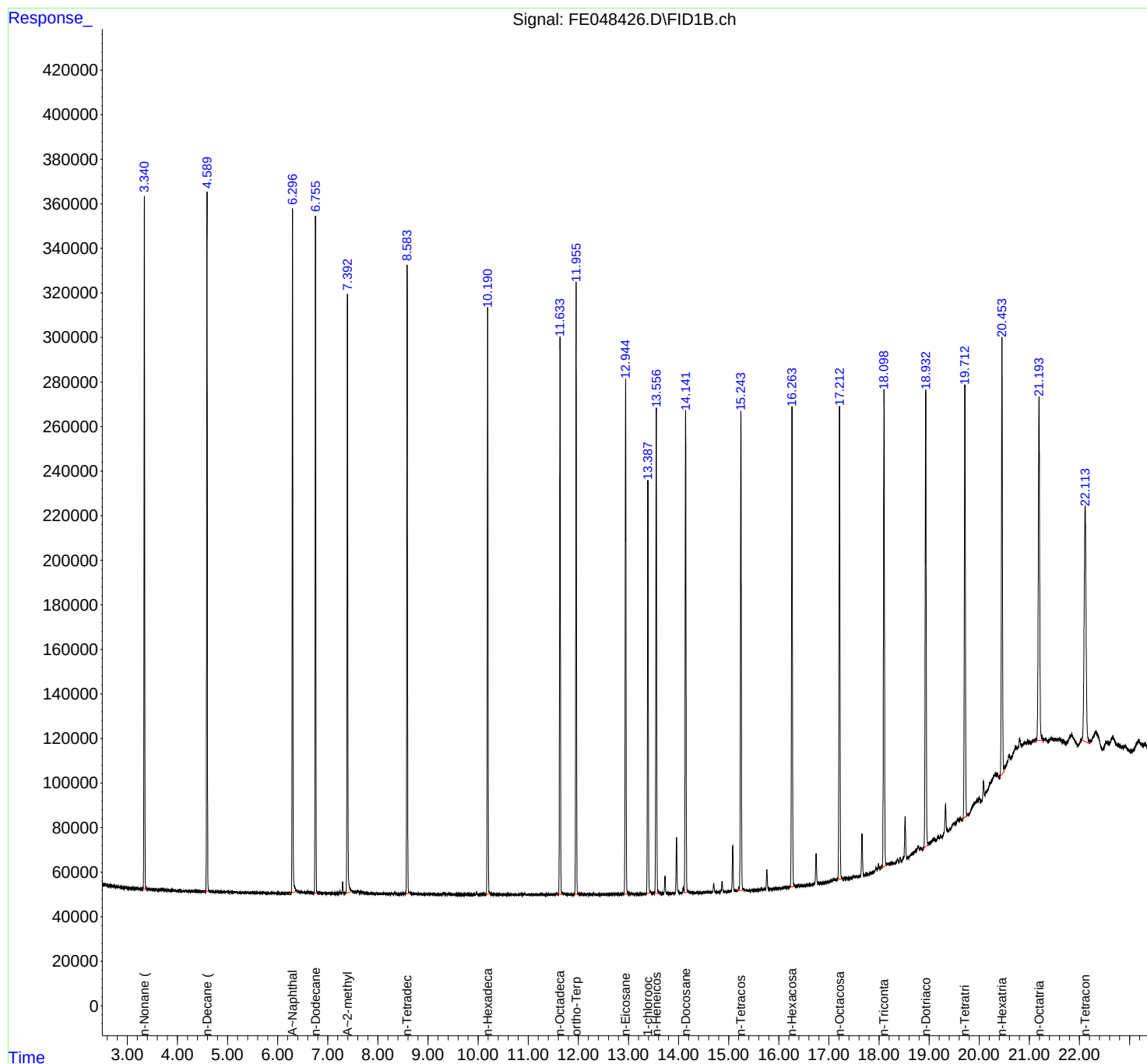
(m)=manual int.

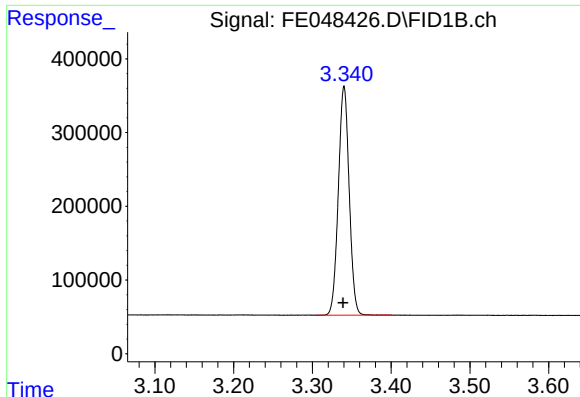
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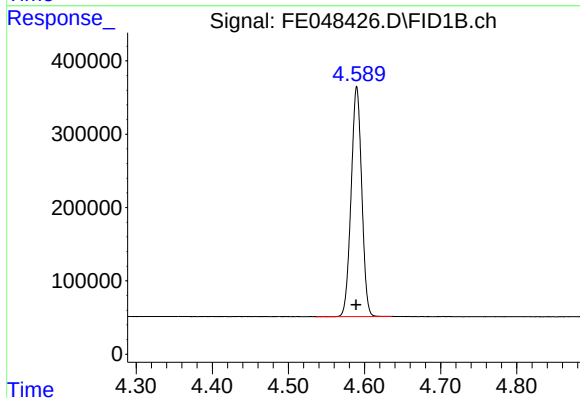




#1 n-Nonane (C9)

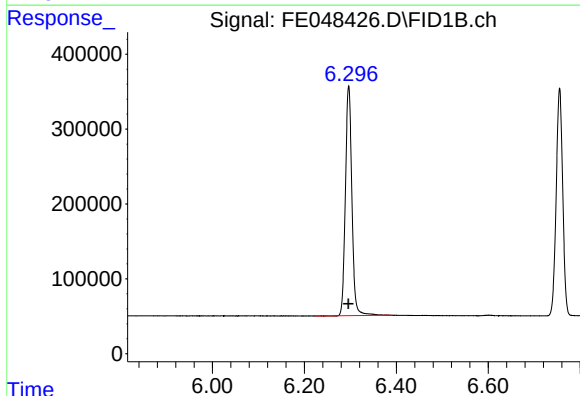
R.T.: 3.340 min
Delta R.T.: 0.001 min
Response: 2965843
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :



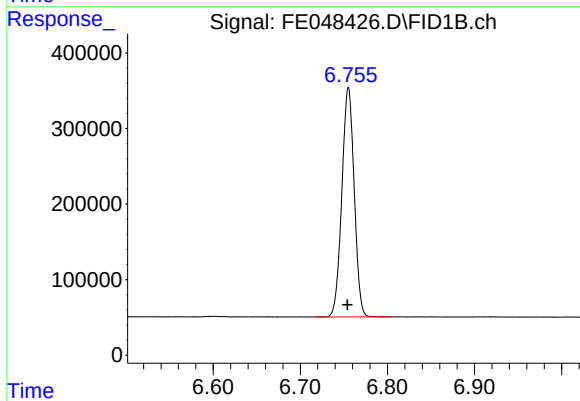
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 3029735
Conc: 20.06 ug/ml



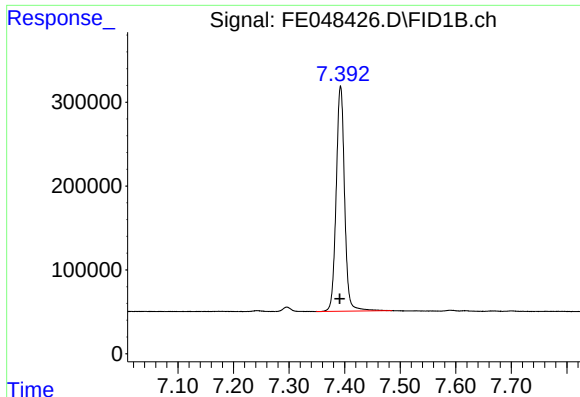
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3007399
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

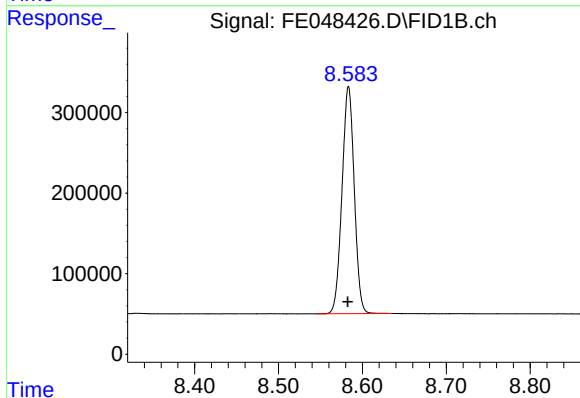
R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 2988731
Conc: 20.19 ug/ml



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

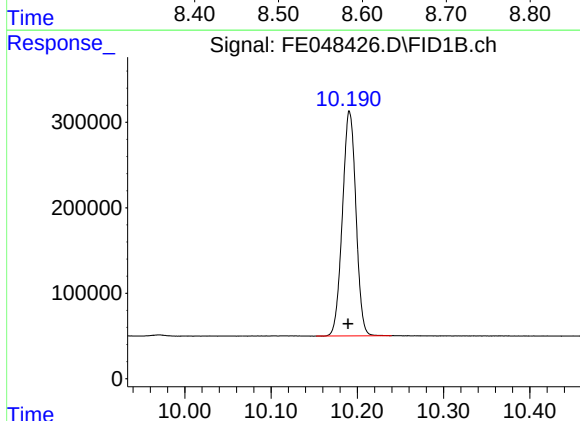
R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 2828773
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



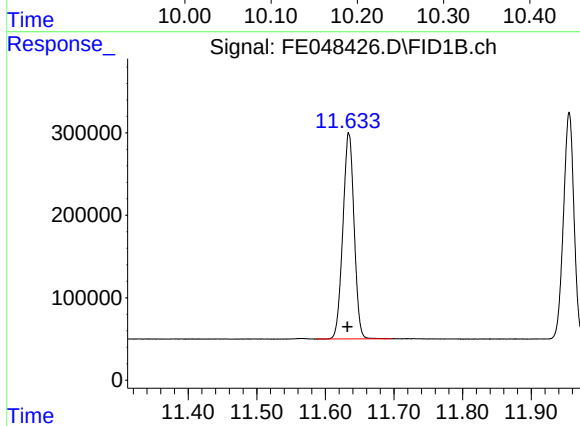
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.001 min
Response: 2864358
Conc: 20.20 ug/ml



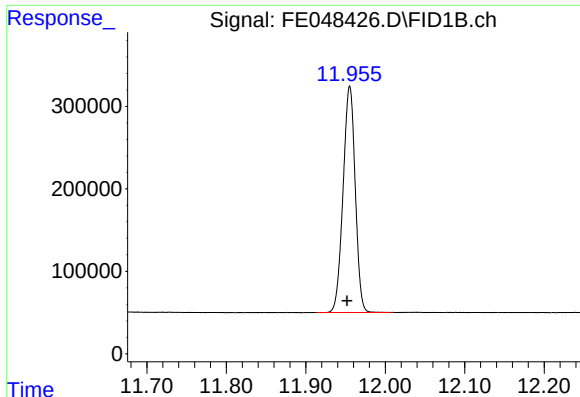
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: 0.002 min
Response: 2862876
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

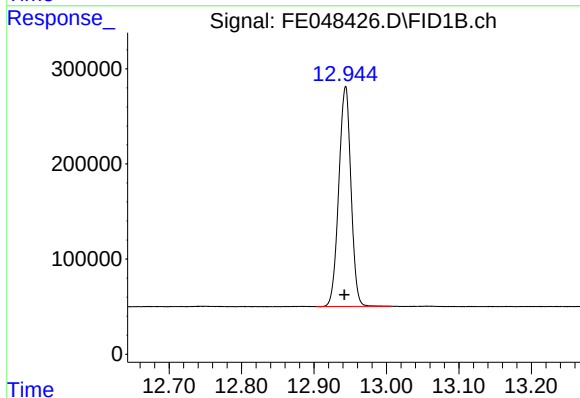
R.T.: 11.634 min
Delta R.T.: 0.002 min
Response: 2839133
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

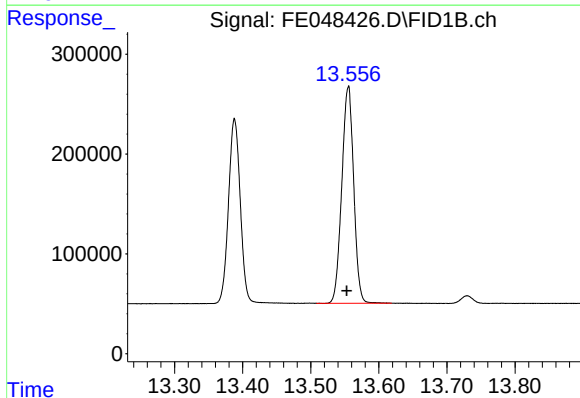
R.T.: 11.955 min
Delta R.T.: 0.003 min
Response: 2919494
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :



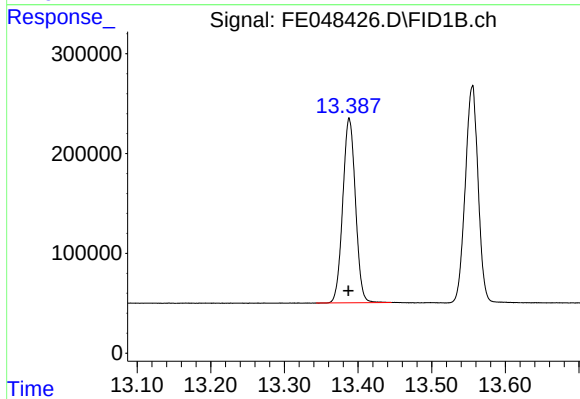
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 2703252
Conc: 20.43 ug/ml



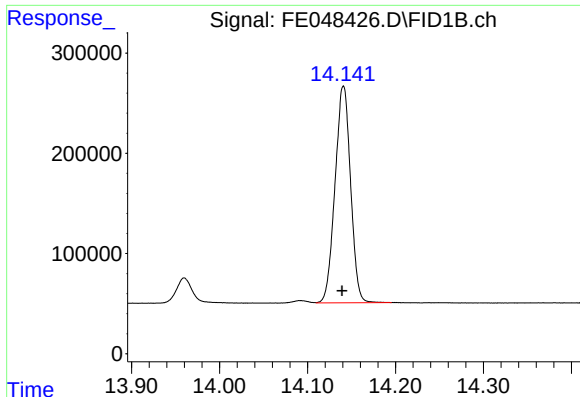
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.002 min
Response: 2636018
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

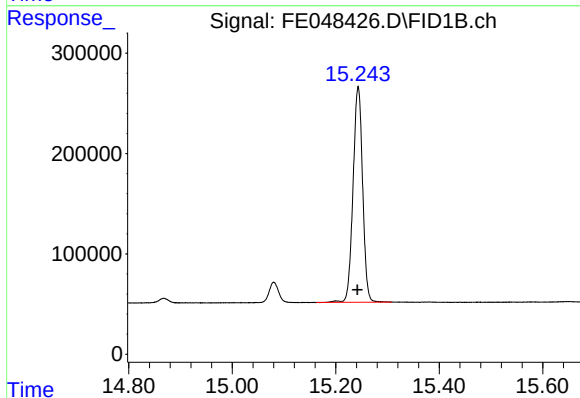
R.T.: 13.388 min
Delta R.T.: 0.001 min
Response: 2212987
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

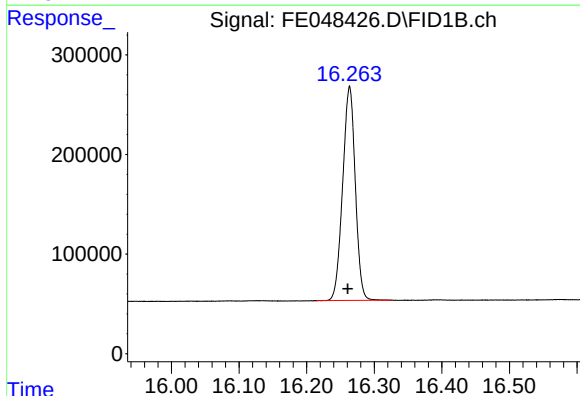
R.T.: 14.141 min
Delta R.T.: 0.001 min
Response: 2653634
Conc: 20.59 ug/ml

Instrument :
FID_E
ClientSampleId :



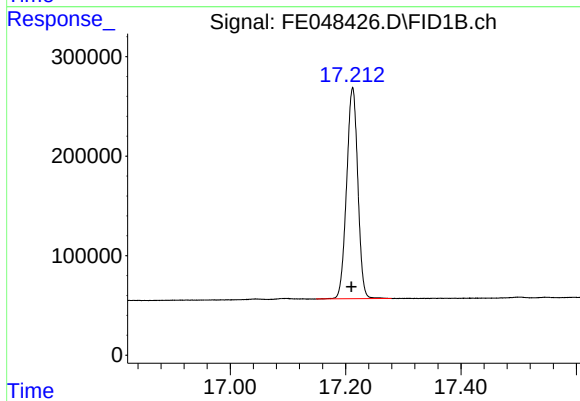
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.002 min
Response: 2753057
Conc: 21.25 ug/ml



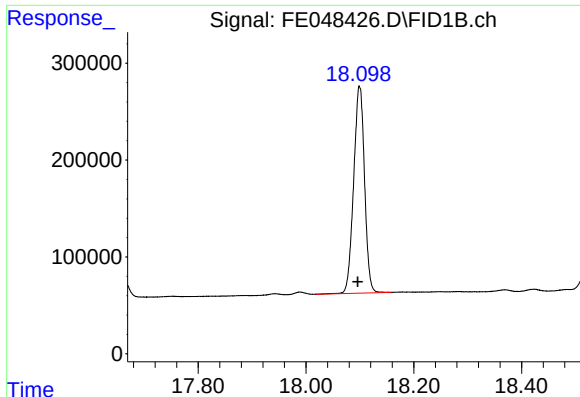
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 2789781
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

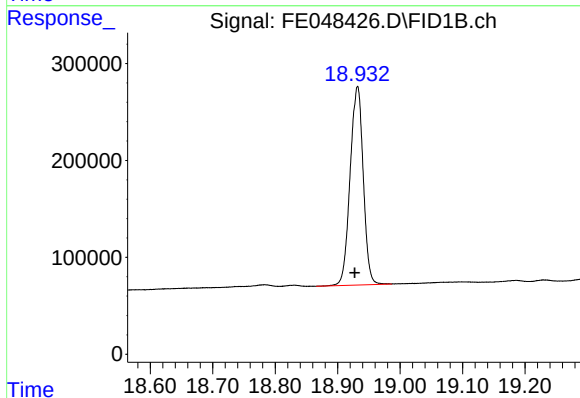
R.T.: 17.212 min
Delta R.T.: 0.002 min
Response: 2857991
Conc: 22.11 ug/ml



#17 n-Tricontane (C30)

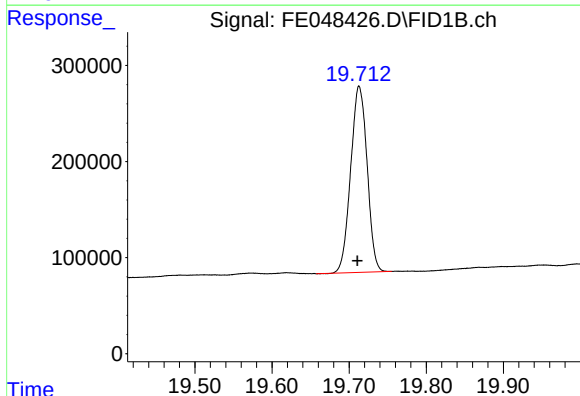
R.T.: 18.099 min
Delta R.T.: 0.003 min
Response: 2998788
Conc: 22.39 ug/ml

Instrument :
FID_E
ClientSampleId :



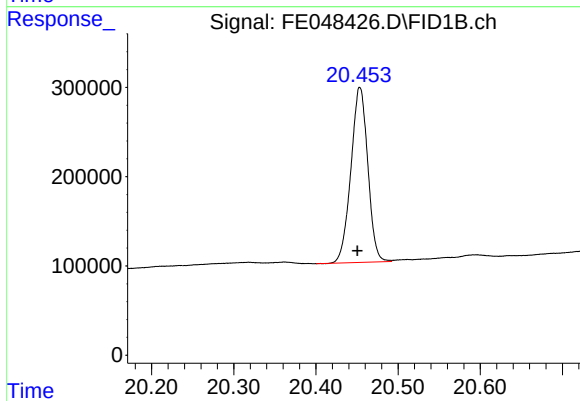
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.004 min
Response: 2987635
Conc: 22.01 ug/ml



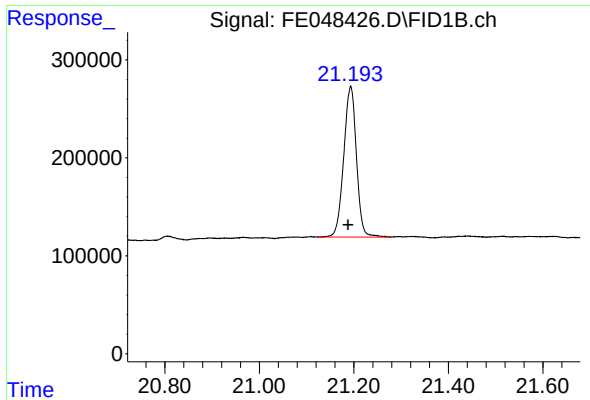
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.002 min
Response: 2869709
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

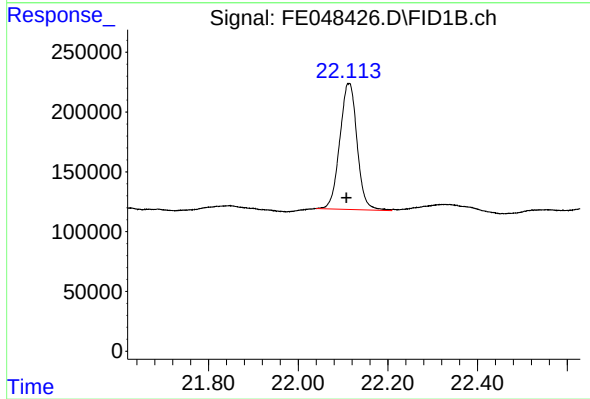
R.T.: 20.454 min
Delta R.T.: 0.003 min
Response: 2799939
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: 0.006 min
Response: 2868761
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.006 min
Response: 2822983
Conc: 20.62 ug/ml