

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045556.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 18:47
 Operator : YP/AJ
 Sample : 100 PPM ALIPATHIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPATHIC HC STD1

Integration File: autoint1.e
 Quant Time: May 03 00:57:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:55:06 2023
 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)	11.451	16223195	98.446 ug/ml
Spiked Amount 50.000		Recovery =	196.89%
12) S 1-chlorooctadecane (S...	12.881	11340134	100.254 ug/ml
Spiked Amount 50.000		Recovery =	200.51%
Target Compounds			
1) T n-Nonane (C9)	3.260	13293865	97.102 ug/ml
2) T n-Decane (C10)	4.321	13559254	97.131 ug/ml
3) T A~Naphthalene (C11.7)	5.888	14962113	98.033 ug/ml
4) T n-Dodecane (C12)	6.327	13686103	97.451 ug/ml
5) T A~2-methylnaphthalene...	6.939	14354889	98.606 ug/ml
6) T n-Tetradecane (C14)	8.114	13621965	97.599 ug/ml
7) T n-Hexadecane (C16)	9.707	14022438	97.794 ug/ml
8) T n-Octadecane (C18)	11.142	14193590	97.770 ug/ml
10) T n-Eicosane (C20)	12.441	13536382	98.147 ug/ml
11) T n-Heneicosane (C21)	13.050	13262771	98.267 ug/ml
13) T n-Docosane (C22)	13.632	13116420	98.444 ug/ml
14) T n-Tetracosane (C24)	14.727	12825675	98.505 ug/ml
15) T n-Hexacosane (C26)	15.741	12324627	98.504 ug/ml
16) T n-Octacosane (C28)	16.685	11758298	98.204 ug/ml
17) T n-Tricontane (C30)	17.565	11593527	97.981 ug/ml
18) T n-Dotriacontane (C32)	18.391	11166632	97.533 ug/ml
19) T n-Tetratriacontane (C34)	19.169	10814300	97.417 ug/ml
20) T n-Hexatriacontane (C36)	19.902	10277021	97.193 ug/ml
21) T n-Octatriacontane (C38)	20.606	9727984	97.045 ug/ml
22) T n-Tetracontane (C40)	21.441	8714814	95.051 ug/ml

(f)=RT Delta > 1/2 Window

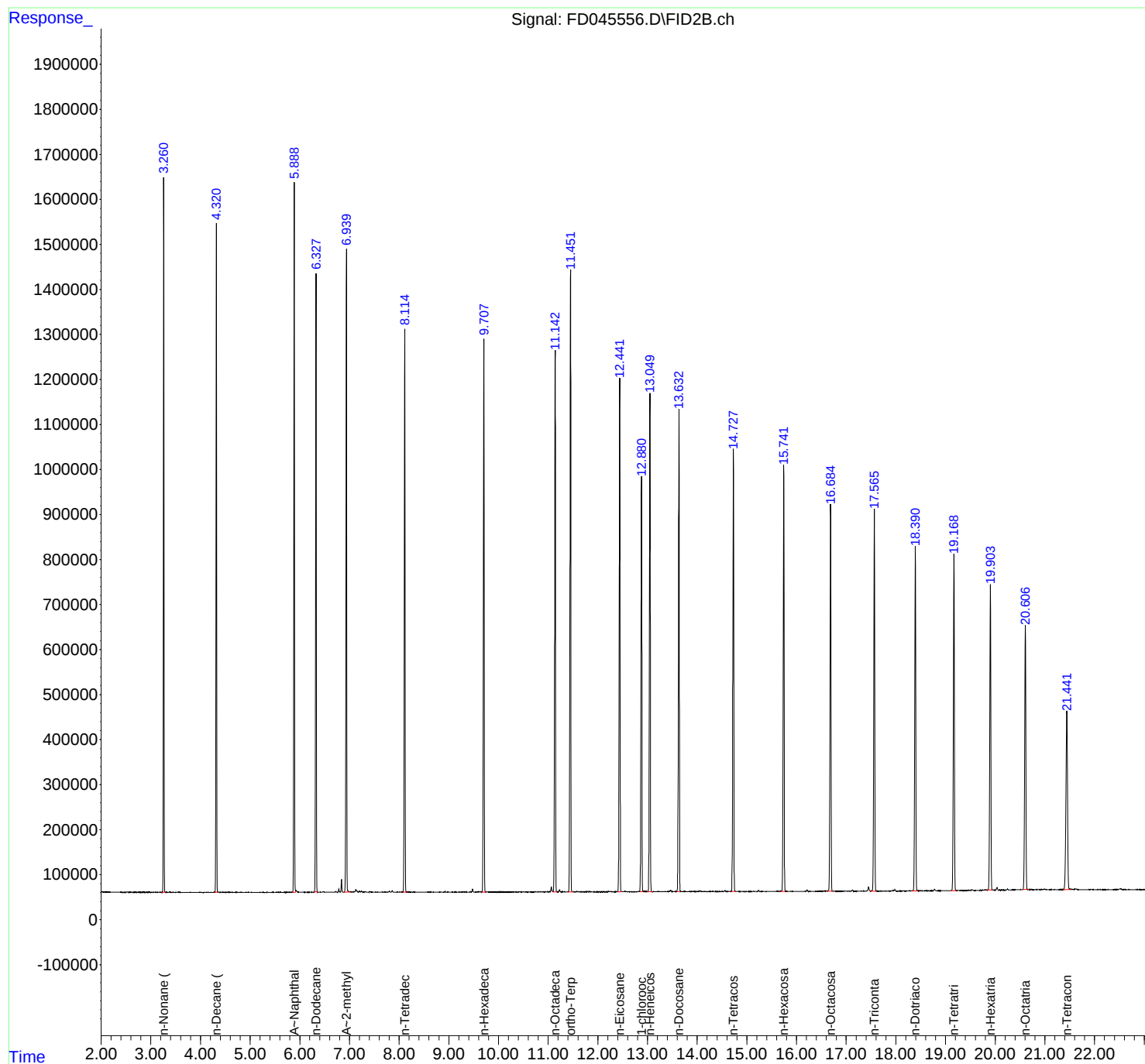
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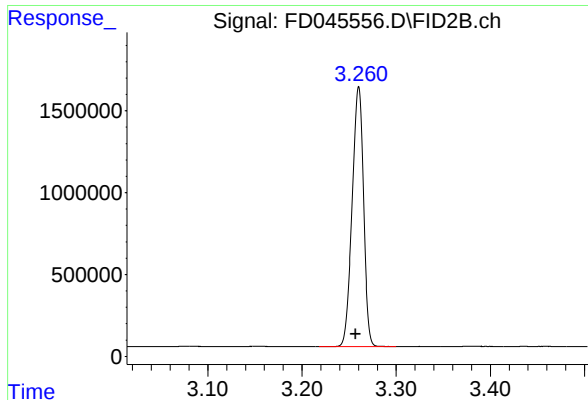
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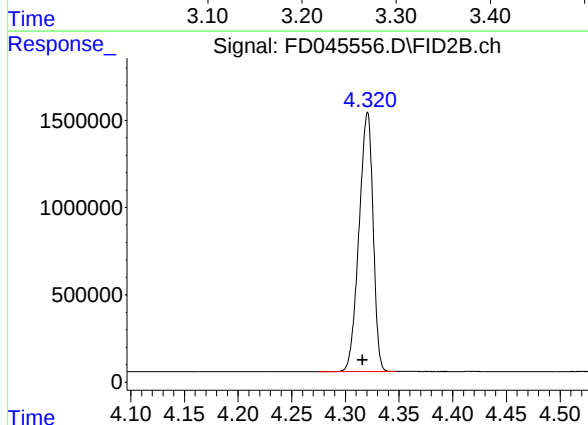




#1 n-Nonane (C9)

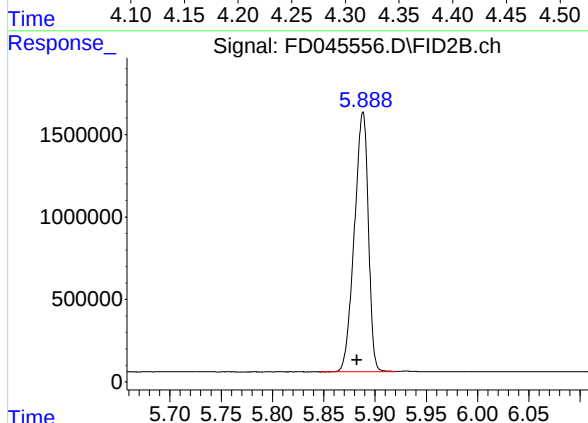
R.T.: 3.260 min
Delta R.T.: 0.003 min
Response: 13293865
Conc: 97.10 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



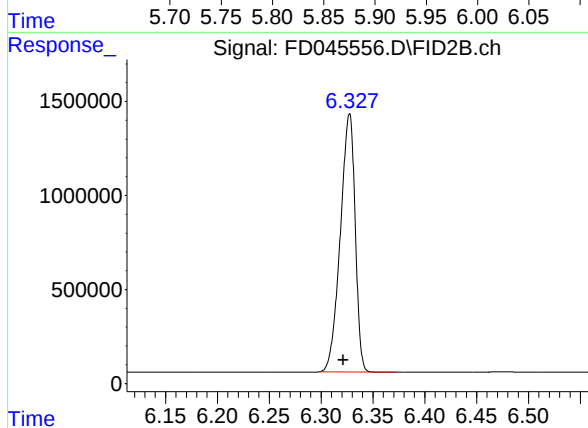
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.005 min
Response: 13559254
Conc: 97.13 ug/ml



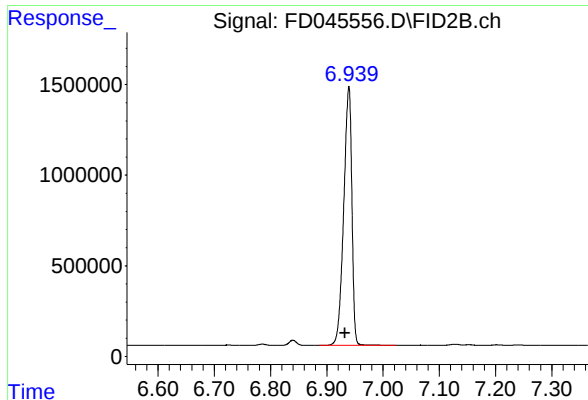
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.006 min
Response: 14962113
Conc: 98.03 ug/ml



#4 n-Dodecane (C12)

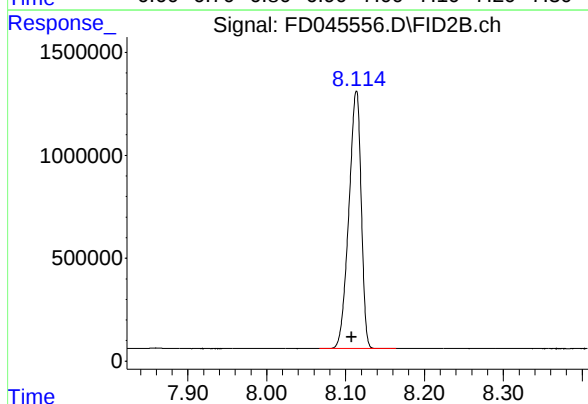
R.T.: 6.327 min
Delta R.T.: 0.006 min
Response: 13686103
Conc: 97.45 ug/ml



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

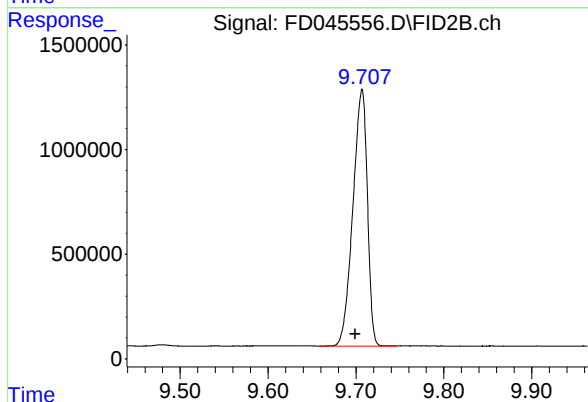
R.T.: 6.939 min
Delta R.T.: 0.007 min
Response: 14354889
Conc: 98.61 ug/ml

Instrument :
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100 PPM ALIPATHIC HC STD1



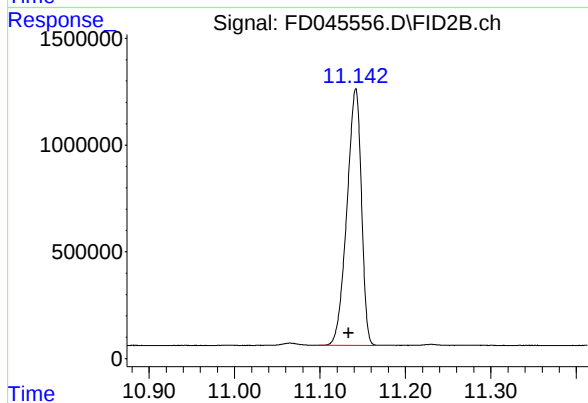
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: 0.006 min
Response: 13621965
Conc: 97.60 ug/ml



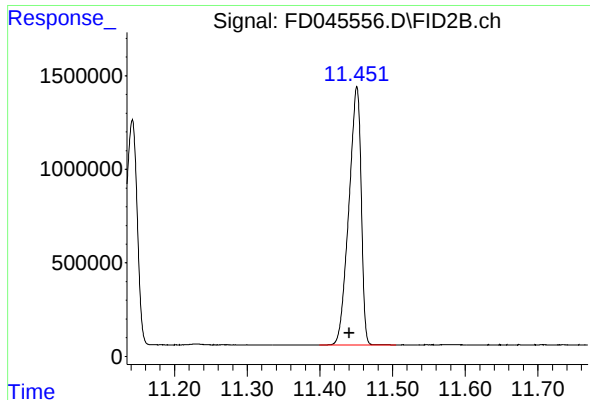
#7 n-Hexadecane (C16)

R.T.: 9.707 min
Delta R.T.: 0.008 min
Response: 14022438
Conc: 97.79 ug/ml



#8 n-Octadecane (C18)

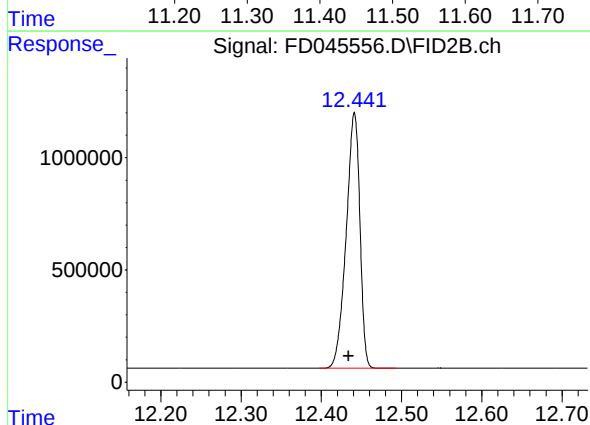
R.T.: 11.142 min
Delta R.T.: 0.009 min
Response: 14193590
Conc: 97.77 ug/ml



#9 ortho-Terphenyl (SURR)

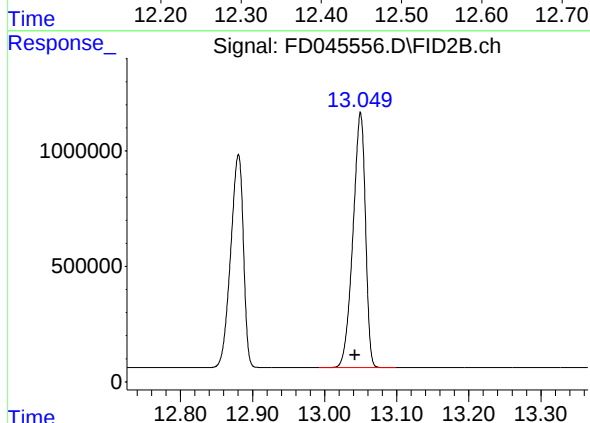
R.T.: 11.451 min
Delta R.T.: 0.011 min
Response: 16223195
Conc: 98.45 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



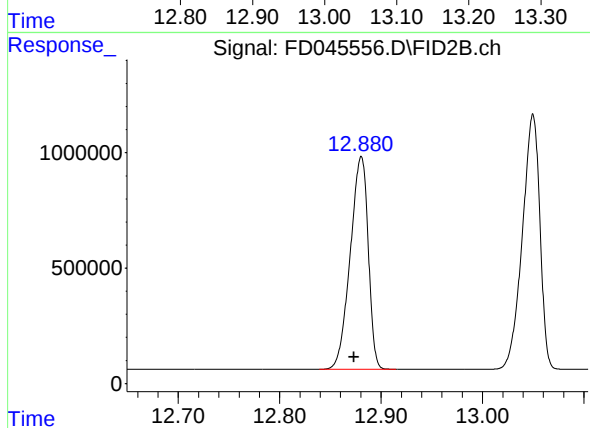
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: 0.007 min
Response: 13536382
Conc: 98.15 ug/ml



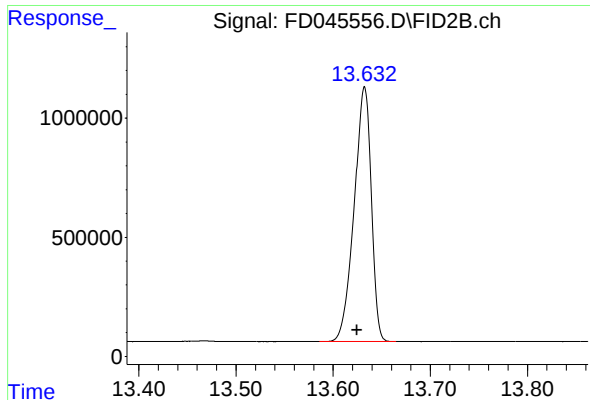
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: 0.008 min
Response: 13262771
Conc: 98.27 ug/ml



#12 1-chlorooctadecane (SURR)

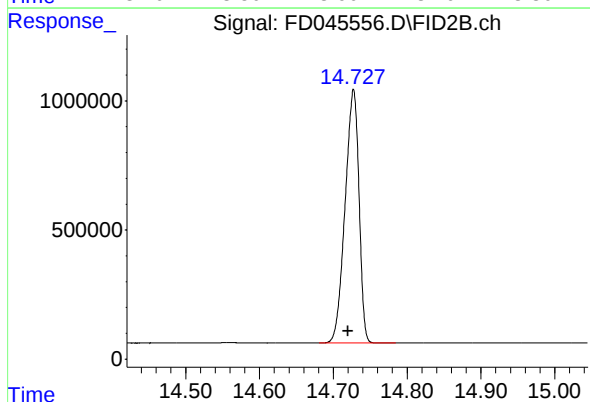
R.T.: 12.881 min
Delta R.T.: 0.007 min
Response: 11340134
Conc: 100.25 ug/ml



#13 n-Docosane (C22)

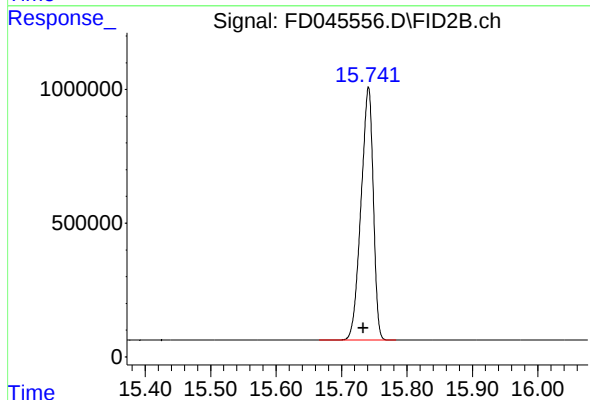
R.T.: 13.632 min
Delta R.T.: 0.008 min
Response: 13116420
Conc: 98.44 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



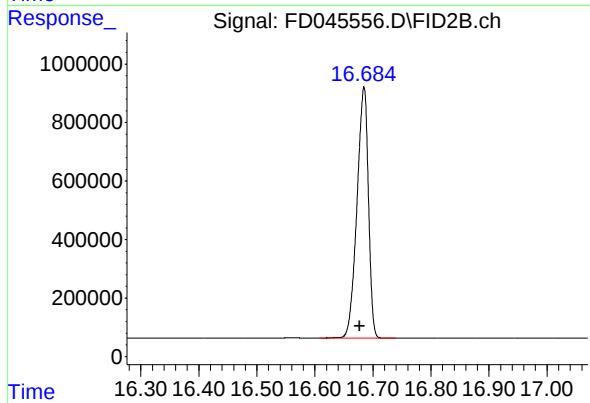
#14 n-Tetracosane (C24)

R.T.: 14.727 min
Delta R.T.: 0.008 min
Response: 12825675
Conc: 98.50 ug/ml



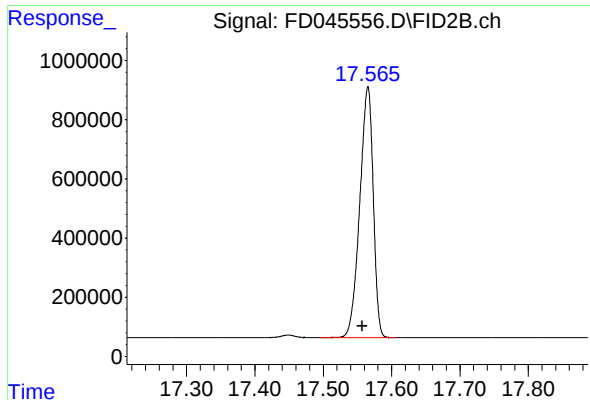
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.008 min
Response: 12324627
Conc: 98.50 ug/ml



#16 n-Octacosane (C28)

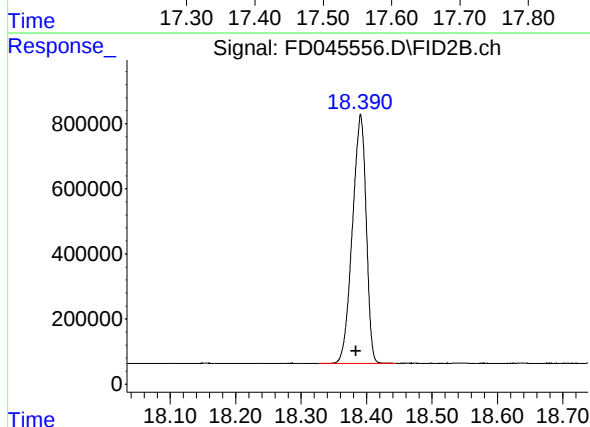
R.T.: 16.685 min
Delta R.T.: 0.008 min
Response: 11758298
Conc: 98.20 ug/ml



#17 n-Tricontane (C30)

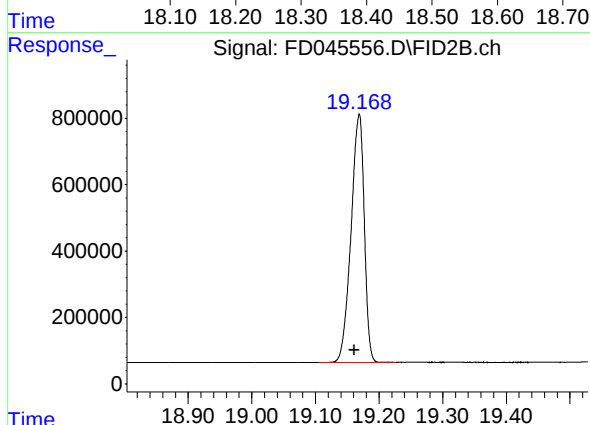
R.T.: 17.565 min
Delta R.T.: 0.008 min
Response: 11593527
Conc: 97.98 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



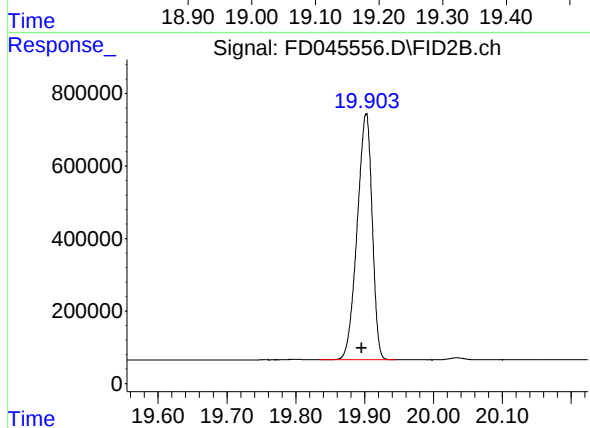
#18 n-Dotriacontane (C32)

R.T.: 18.391 min
Delta R.T.: 0.007 min
Response: 11166632
Conc: 97.53 ug/ml



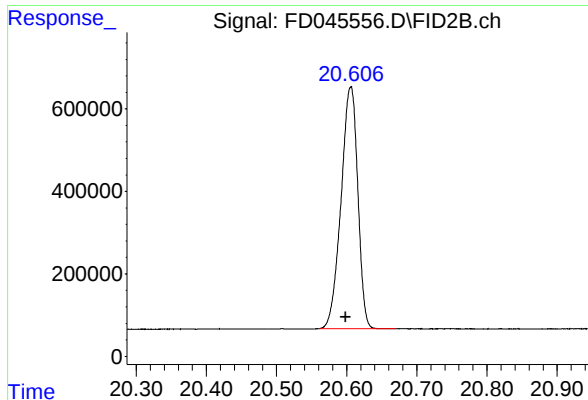
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min
Delta R.T.: 0.008 min
Response: 10814300
Conc: 97.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: 0.006 min
Response: 10277021
Conc: 97.19 ug/ml



#21 n-Octatriacontane (C38)

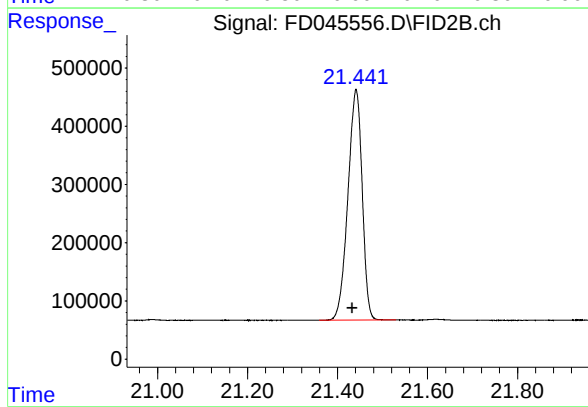
R.T.: 20.606 min
Delta R.T.: 0.008 min
Response: 9727984
Conc: 97.05 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.441 min
Delta R.T.: 0.008 min
Response: 8714814
Conc: 95.05 ug/ml