

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014724.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 01:27
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 22 05:38:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:36:30 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)	11.923	14554932	97.670 ug/ml
Spiked Amount 50.000		Recovery =	195.34%
12) S 1-chlorooctadecane (S...	13.356	11527381	98.063 ug/ml
Spiked Amount 50.000		Recovery =	196.13%
Target Compounds			
1) T n-Nonane (C9)	3.317	12028067	97.485 ug/ml
2) T n-Decane (C10)	4.567	12231942	97.718 ug/ml
3) T A~Naphthalene (C11.7)	6.264	13447285	97.742 ug/ml
4) T n-Dodecane (C12)	6.728	12358766	98.053 ug/ml
5) T A~2-methylnaphthalene...	7.359	13111079	98.013 ug/ml
6) T n-Tetradecane (C14)	8.553	12390027	98.344 ug/ml
7) T n-Hexadecane (C16)	10.160	12981099	98.505 ug/ml
8) T n-Octadecane (C18)	11.604	13357386	98.243 ug/ml
10) T n-Eicosane (C20)	12.912	13148860	97.817 ug/ml
11) T n-Heneicosane (C21)	13.525	13079491	97.872 ug/ml
13) T n-Docosane (C22)	14.110	13160868	97.899 ug/ml
14) T n-Tetracosane (C24)	15.213	13350461	97.485 ug/ml
15) T n-Hexacosane (C26)	16.235	13303132	97.183 ug/ml
16) T n-Octacosane (C28)	17.183	13090606	96.862 ug/ml
17) T n-Tricontane (C30)	18.070	13112917	95.261 ug/ml
18) T n-Dotriacontane (C32)	18.902	12438371	92.438 ug/ml
19) T n-Tetratriacontane (C34)	19.685	10756753	93.992 ug/ml
20) T n-Hexatriacontane (C36)	20.423	9158341	92.655 ug/ml
21) T n-Octatriacontane (C38)	21.157	8381925	95.133 ug/ml
22) T n-Tetracontane (C40)	22.064	8084257	96.425 ug/ml

(f)=RT Delta > 1/2 Window

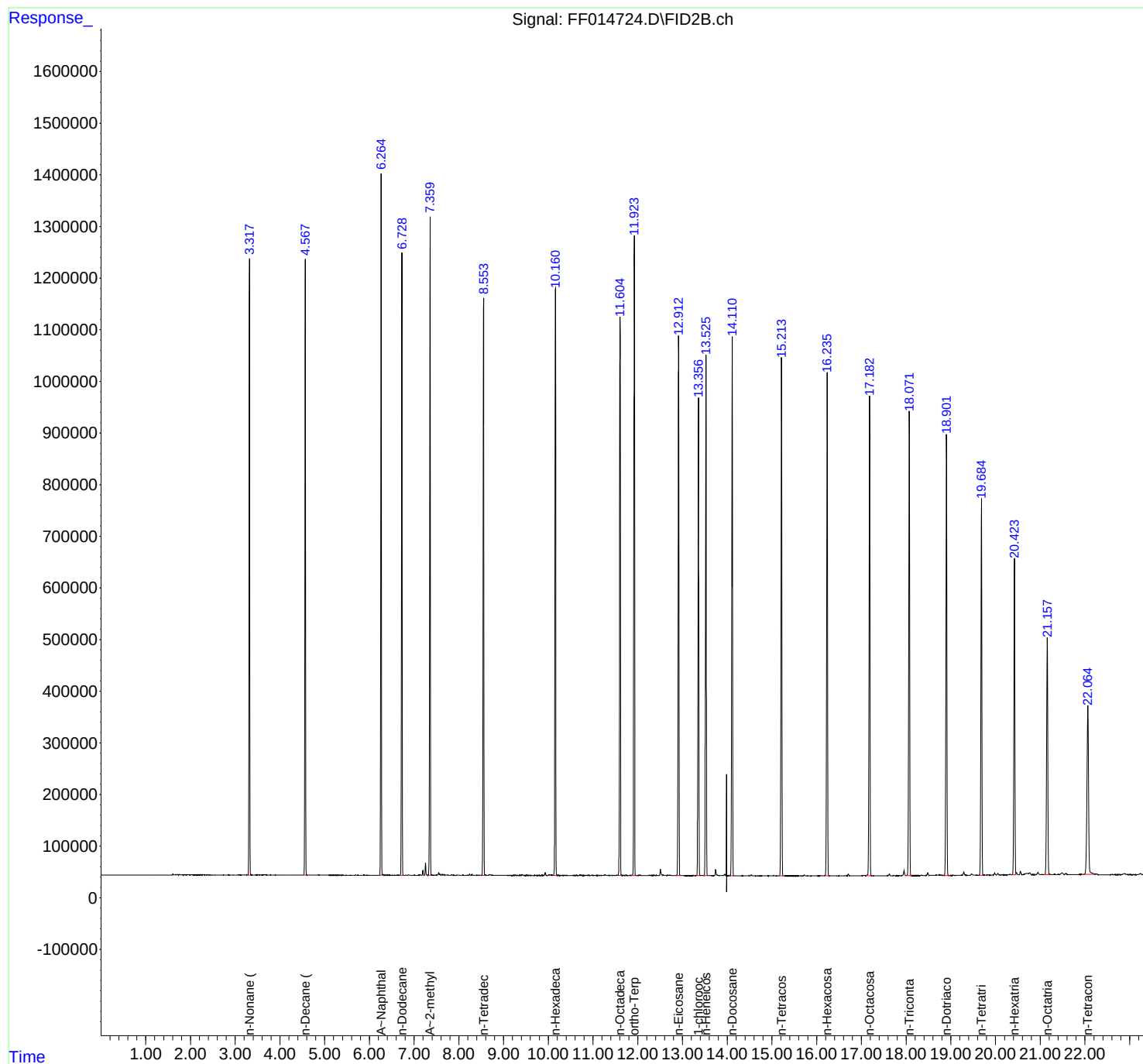
(m)=manual int.

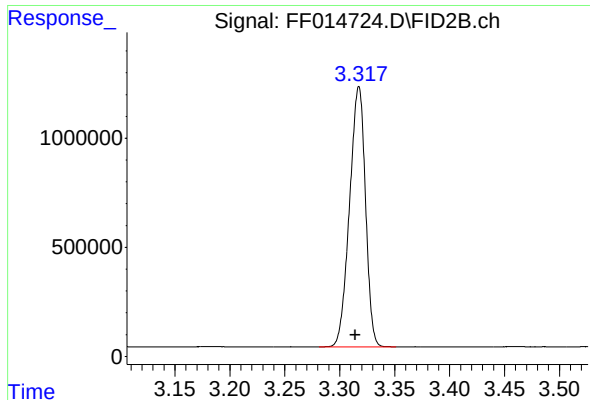
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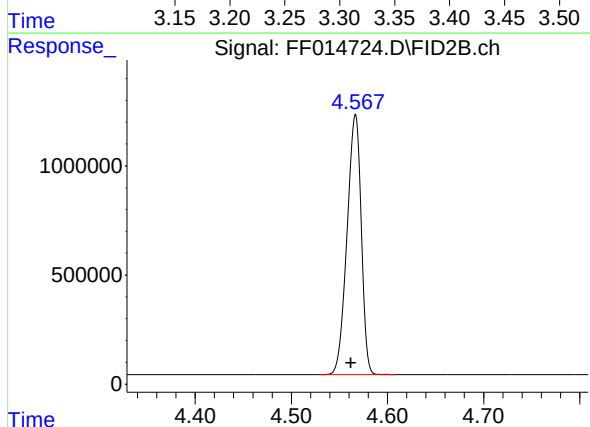




#1 n-Nonane (C9)

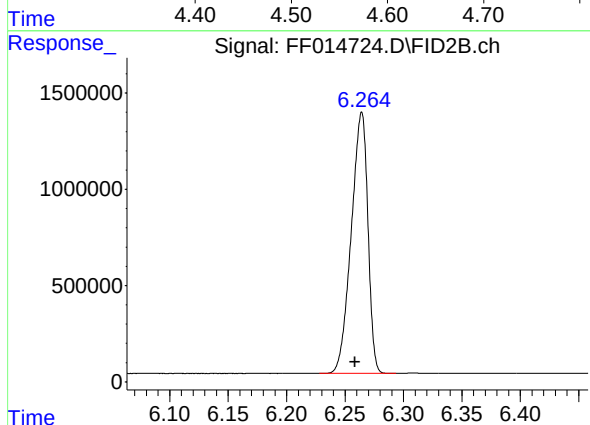
R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 12028067
Conc: 97.48 ug/ml

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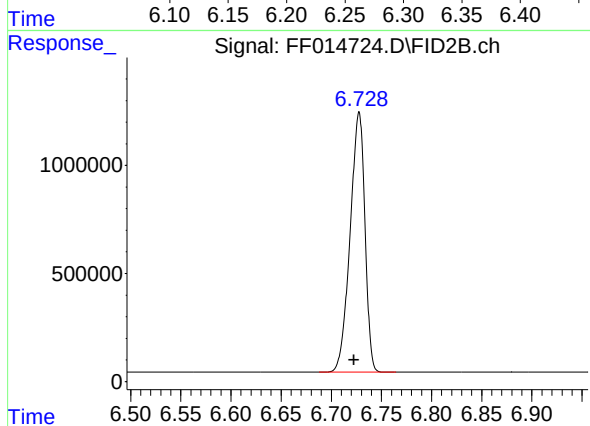
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.004 min
Response: 12231942
Conc: 97.72 ug/ml



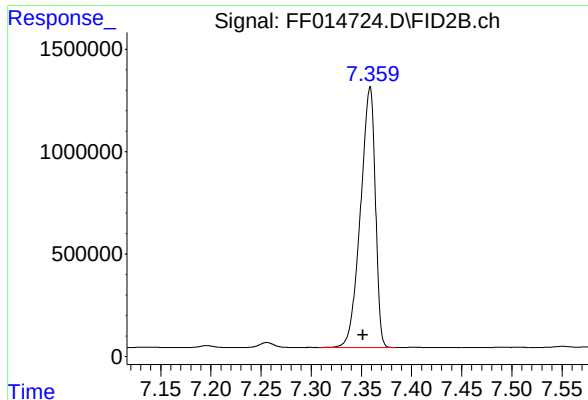
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.006 min
Response: 13447285
Conc: 97.74 ug/ml



#4 n-Dodecane (C12)

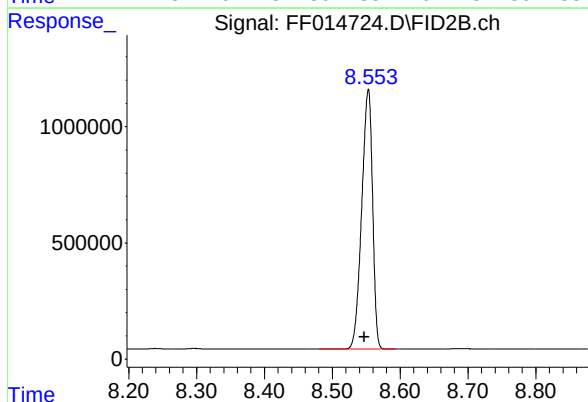
R.T.: 6.728 min
Delta R.T.: 0.005 min
Response: 12358766
Conc: 98.05 ug/ml



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

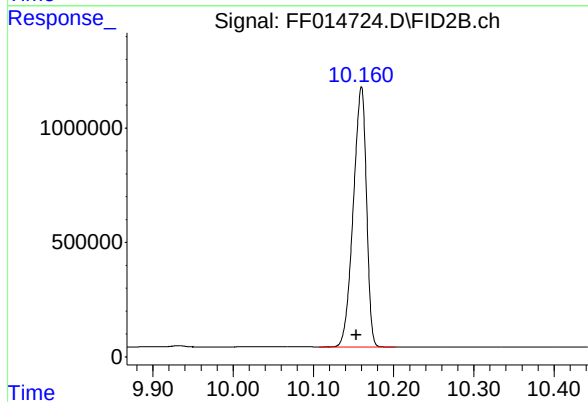
R.T.: 7.359 min
Delta R.T.: 0.007 min
Response: 13111079
Conc: 98.01 ug/ml

Instrument :
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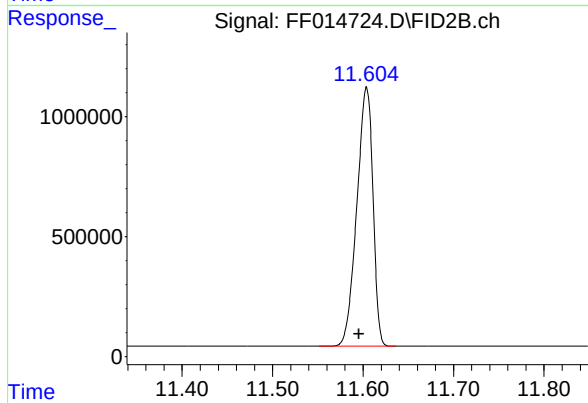
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.006 min
Response: 12390027
Conc: 98.34 ug/ml



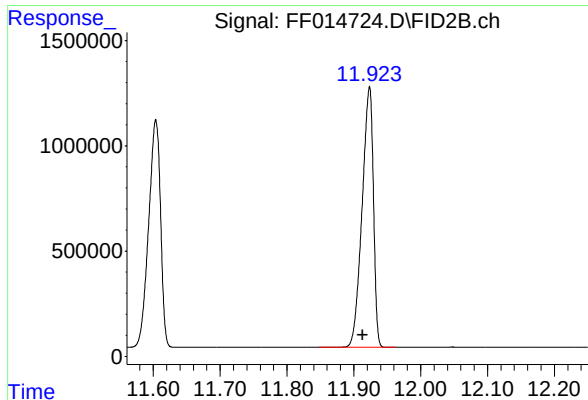
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 12981099
Conc: 98.51 ug/ml



#8 n-Octadecane (C18)

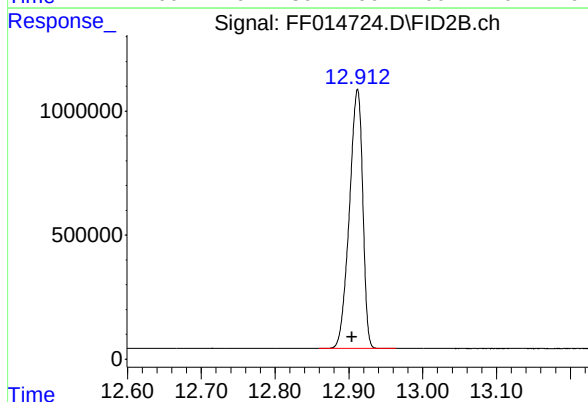
R.T.: 11.604 min
Delta R.T.: 0.008 min
Response: 13357386
Conc: 98.24 ug/ml



#9 ortho-Terphenyl (SURR)

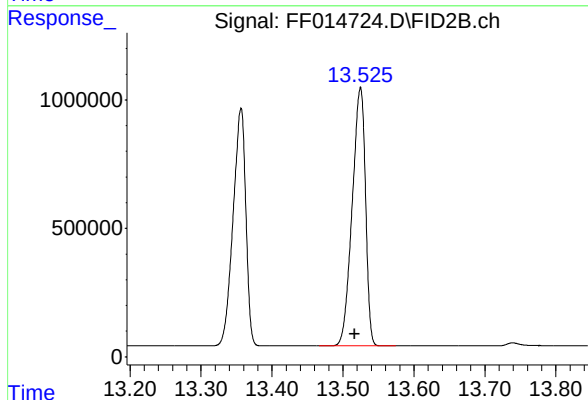
R.T.: 11.923 min
Delta R.T.: 0.010 min
Response: 14554932
Conc: 97.67 ug/ml

Instrument :
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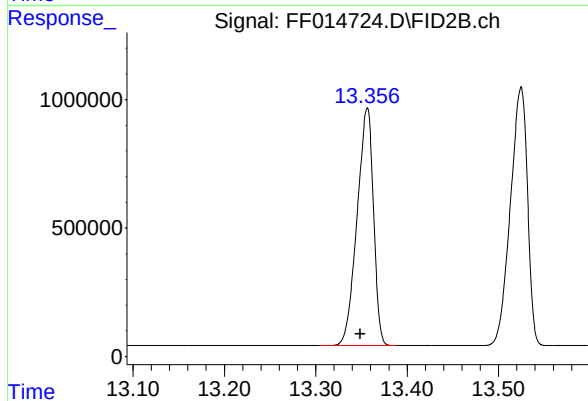
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.007 min
Response: 13148860
Conc: 97.82 ug/ml



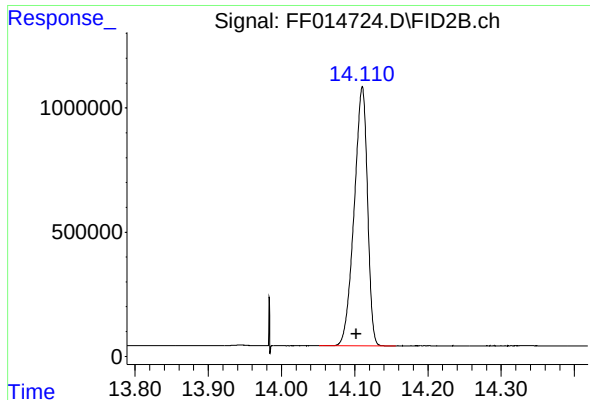
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.008 min
Response: 13079491
Conc: 97.87 ug/ml



#12 1-chlorooctadecane (SURR)

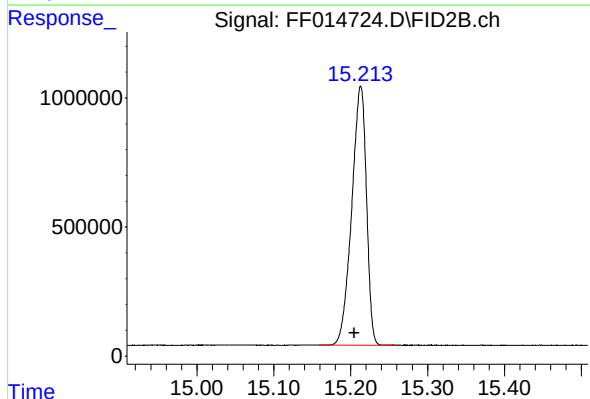
R.T.: 13.356 min
Delta R.T.: 0.007 min
Response: 11527381
Conc: 98.06 ug/ml



#13 n-Docosane (C22)

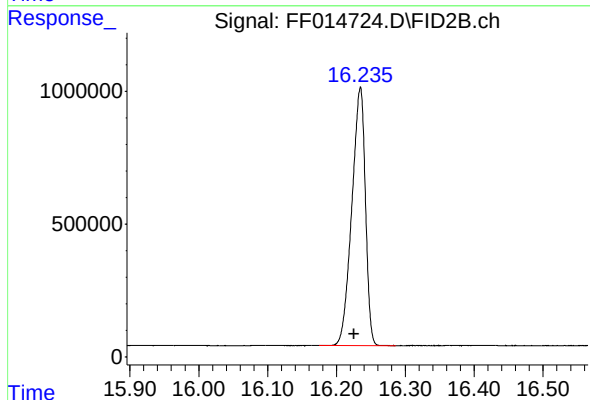
R.T.: 14.110 min
Delta R.T.: 0.008 min
Response: 13160868
Conc: 97.90 ug/ml

Instrument :
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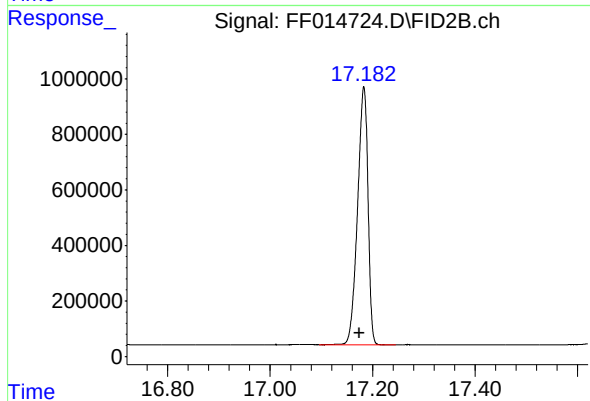
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.008 min
Response: 13350461
Conc: 97.48 ug/ml



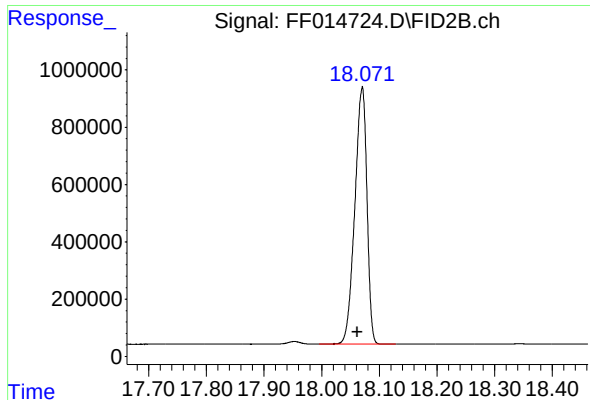
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.009 min
Response: 13303132
Conc: 97.18 ug/ml



#16 n-Octacosane (C28)

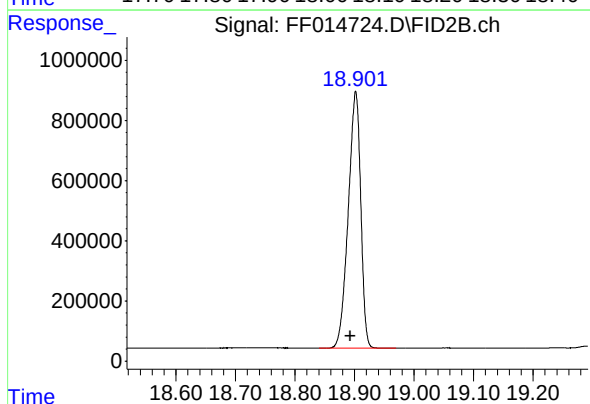
R.T.: 17.183 min
Delta R.T.: 0.009 min
Response: 13090606
Conc: 96.86 ug/ml



#17 n-Tricontane (C30)

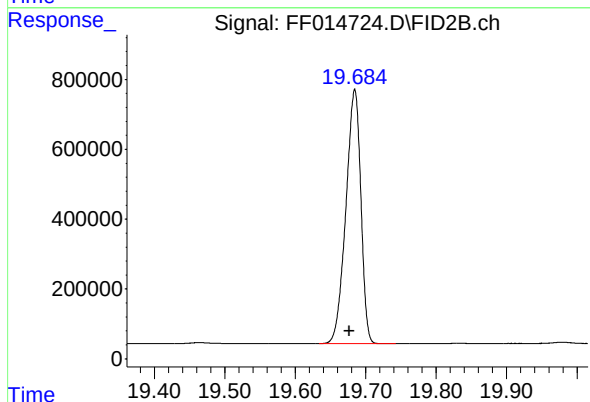
R.T.: 18.070 min
Delta R.T.: 0.009 min
Response: 13112917
Conc: 95.26 ug/ml

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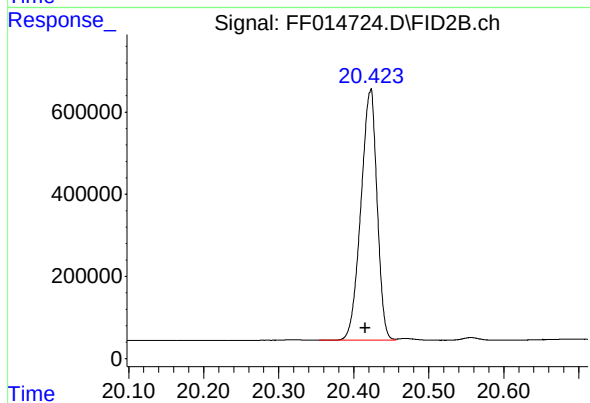
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.009 min
Response: 12438371
Conc: 92.44 ug/ml



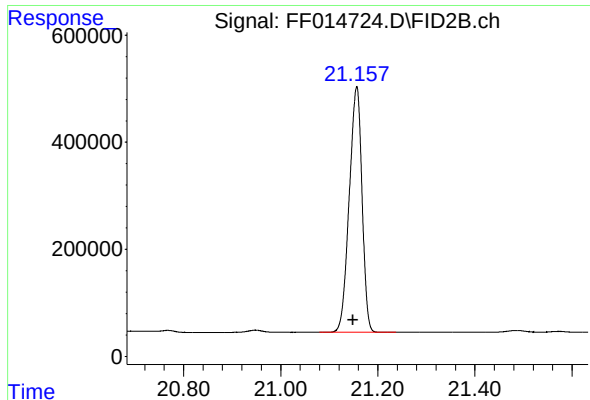
#19 n-Tetatriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.008 min
Response: 10756753
Conc: 93.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: 0.007 min
Response: 9158341
Conc: 92.65 ug/ml



#21 n-Octatriacontane (C38)

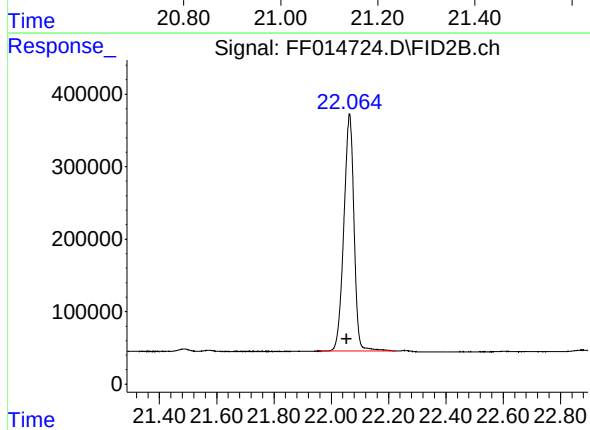
R.T.: 21.157 min
Delta R.T.: 0.008 min
Response: 8381925
Conc: 95.13 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: 0.010 min
Response: 8084257
Conc: 96.42 ug/ml