

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010924AL\
 Data File : FD047120.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jan 2024 09:30
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 09 13:24:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 09 13:21:57 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)	11.370	17872061	98.007 ug/ml
Spiked Amount 50.000		Recovery =	196.01%
12) S 1-chlorooctadecane (S...	12.803	13806968	98.061 ug/ml
Spiked Amount 50.000		Recovery =	196.12%
Target Compounds			
1) T n-Nonane (C9)	3.203	15287079	98.420 ug/ml
2) T n-Decane (C10)	4.257	15638131	98.616 ug/ml
3) T A~Naphthalene (C11.7)	5.816	17220137	98.584 ug/ml
4) T n-Dodecane (C12)	6.258	15878516	98.659 ug/ml
5) T A~2-methylnaphthalene...	6.865	16856799	99.313 ug/ml
6) T n-Tetradecane (C14)	8.042	15888637	98.397 ug/ml
7) T n-Hexadecane (C16)	9.633	16482385	98.243 ug/ml
8) T n-Octadecane (C18)	11.067	16753286	97.998 ug/ml
10) T n-Eicosane (C20)	12.366	16226390	97.917 ug/ml
11) T n-Heneicosane (C21)	12.974	16025912	97.878 ug/ml
13) T n-Docosane (C22)	13.555	15986033	97.864 ug/ml
14) T n-Tetracosane (C24)	14.650	15966021	98.150 ug/ml
15) T n-Hexacosane (C26)	15.662	15679037	98.382 ug/ml
16) T n-Octacosane (C28)	16.604	15181750	98.376 ug/ml
17) T n-Tricontane (C30)	17.483	15050733	98.356 ug/ml
18) T n-Dotriacontane (C32)	18.308	14293905	98.162 ug/ml
19) T n-Tetratriacontane (C34)	19.085	13481216	97.992 ug/ml
20) T n-Hexatriacontane (C36)	19.818	12680543	98.269 ug/ml
21) T n-Octatriacontane (C38)	20.516	12286563	98.673 ug/ml
22) T n-Tetracontane (C40)	21.324	11841705	99.400 ug/ml

(f)=RT Delta > 1/2 Window

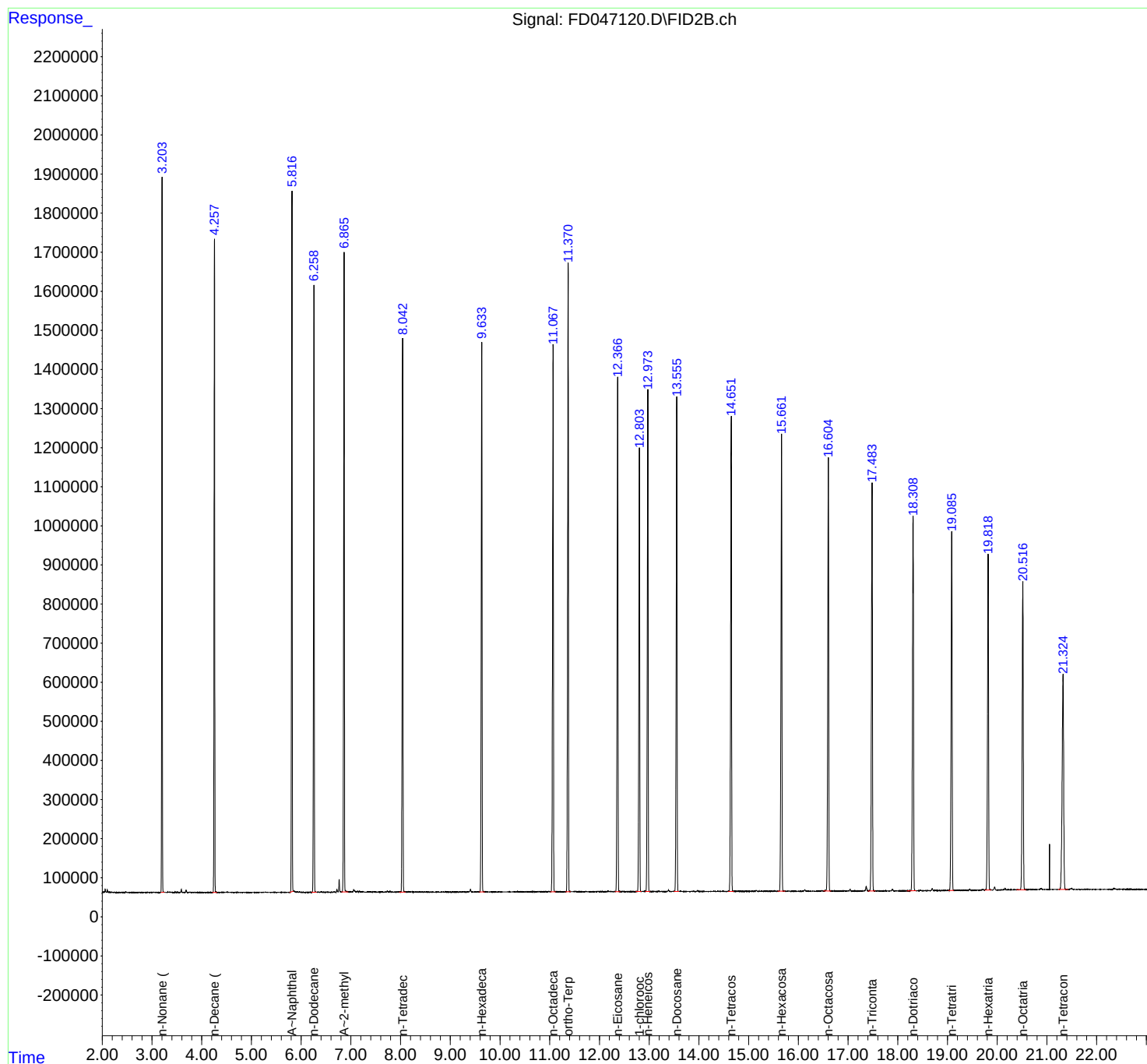
(m)=manual int.

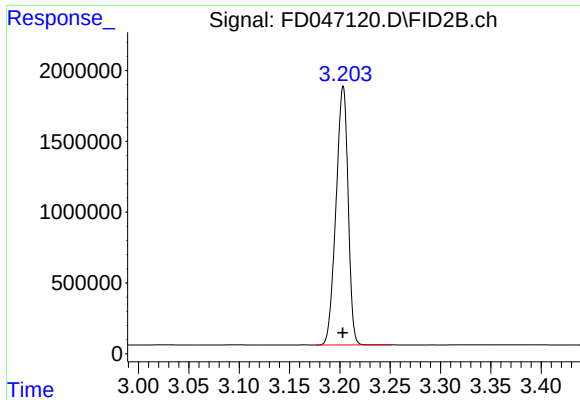
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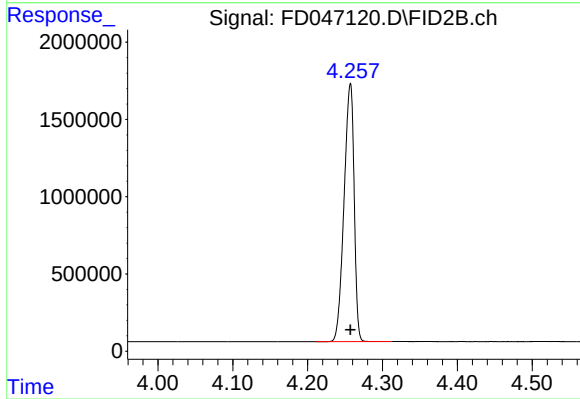




#1 n-Nonane (C9)

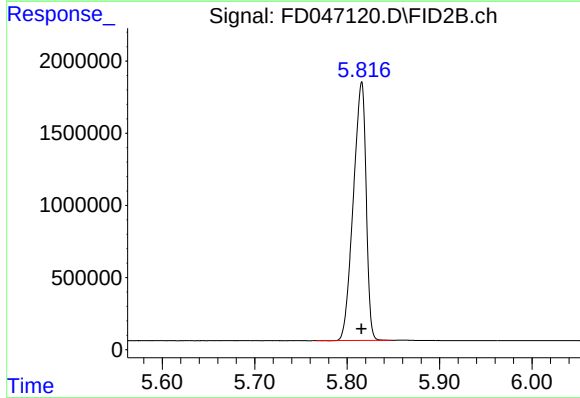
R.T.: 3.203 min
Delta R.T.: 0.000 min
Response: 15287079
Conc: 98.42 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



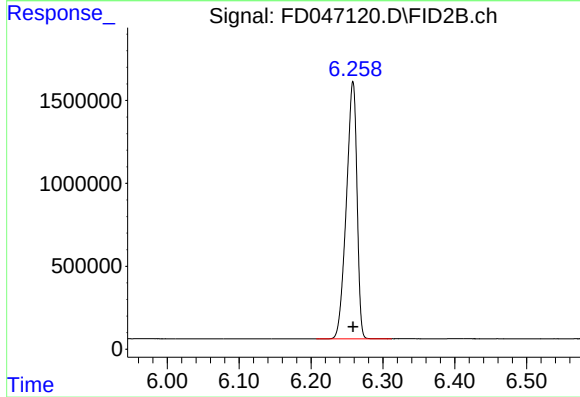
#2 n-Decane (C10)

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 15638131
Conc: 98.62 ug/ml



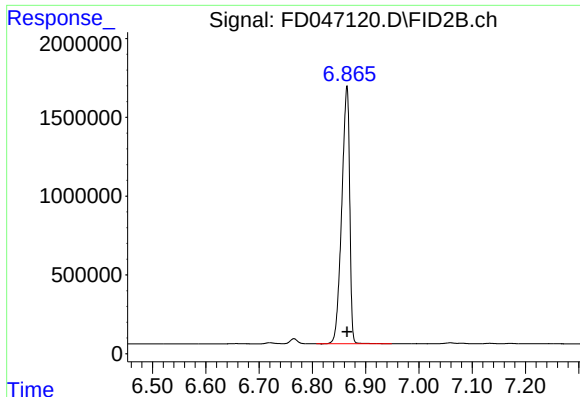
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 17220137
Conc: 98.58 ug/ml



#4 n-Dodecane (C12)

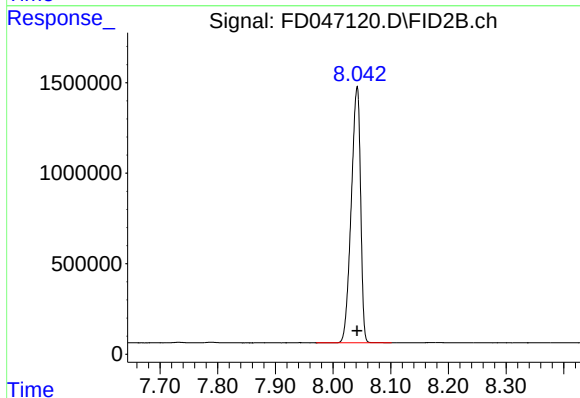
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 15878516
Conc: 98.66 ug/ml



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

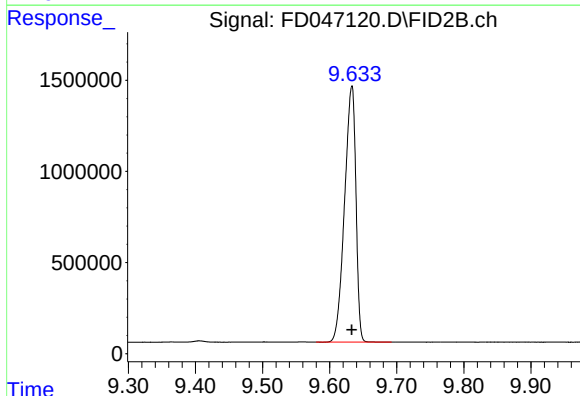
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 16856799
Conc: 99.31 ug/ml

Instrument :
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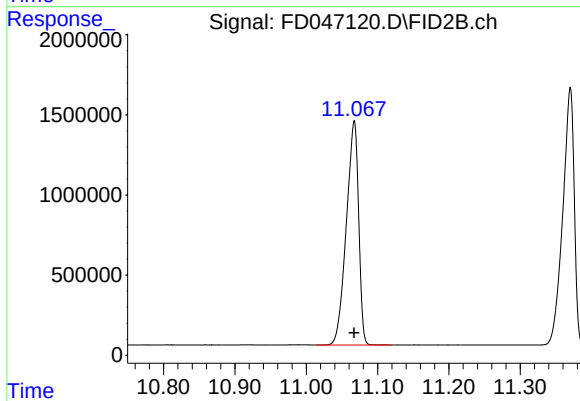
#6 n-Tetradecane (C14)

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 15888637
Conc: 98.40 ug/ml



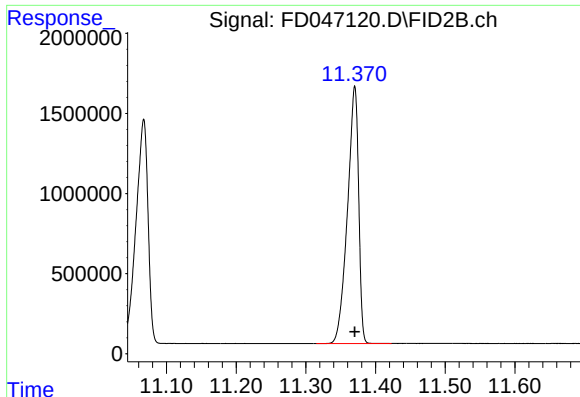
#7 n-Hexadecane (C16)

R.T.: 9.633 min
Delta R.T.: 0.000 min
Response: 16482385
Conc: 98.24 ug/ml



#8 n-Octadecane (C18)

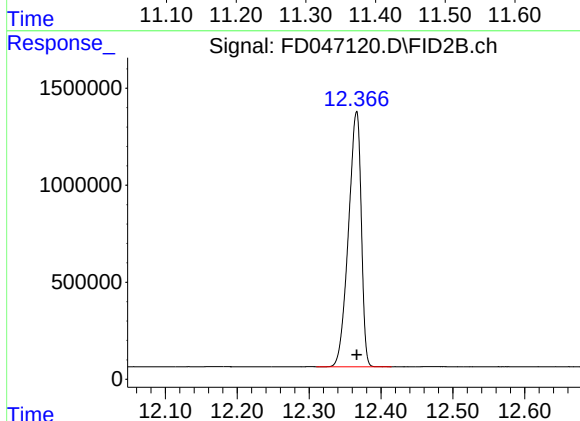
R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 16753286
Conc: 98.00 ug/ml



#9 ortho-Terphenyl (SURR)

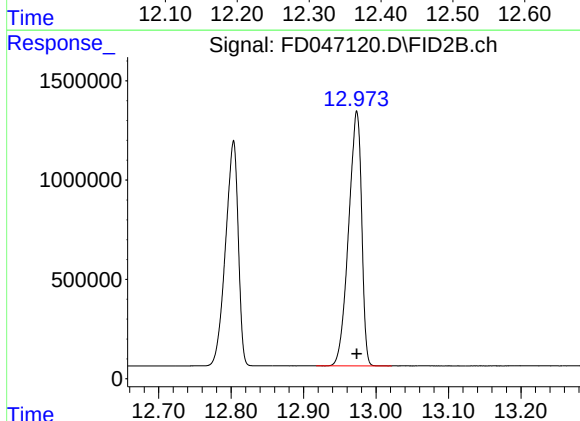
R.T.: 11.370 min
Delta R.T.: 0.000 min
Response: 17872061
Conc: 98.01 ug/ml

Instrument :
FID_D
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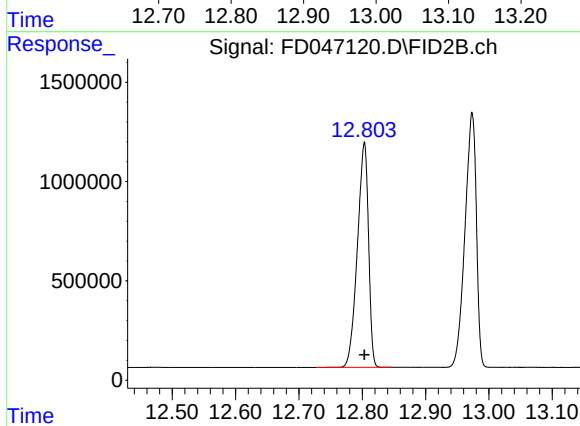
#10 n-Eicosane (C20)

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 16226390
Conc: 97.92 ug/ml



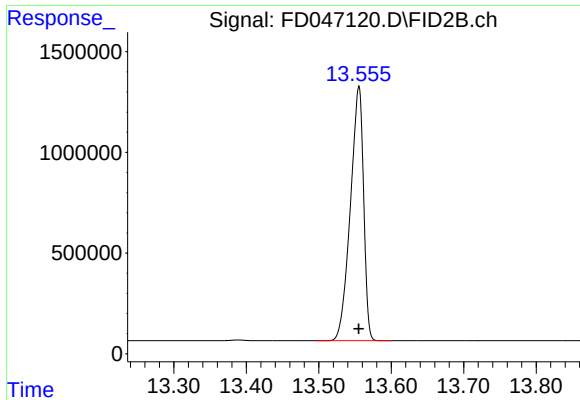
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 16025912
Conc: 97.88 ug/ml



#12 1-chlorooctadecane (SURR)

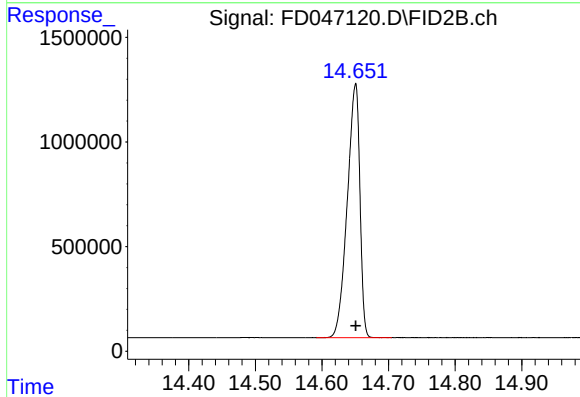
R.T.: 12.803 min
Delta R.T.: 0.000 min
Response: 13806968
Conc: 98.06 ug/ml



#13 n-Docosane (C22)

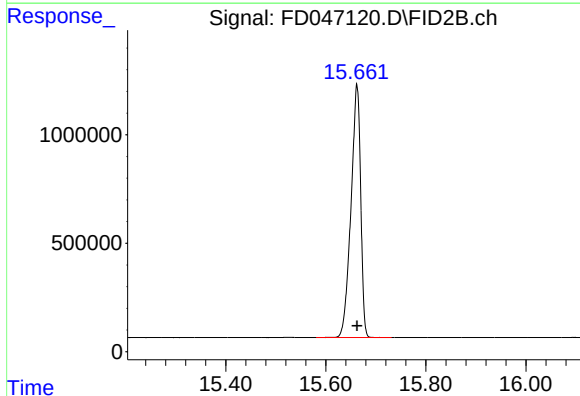
R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 15986033
Conc: 97.86 ug/ml

Instrument :
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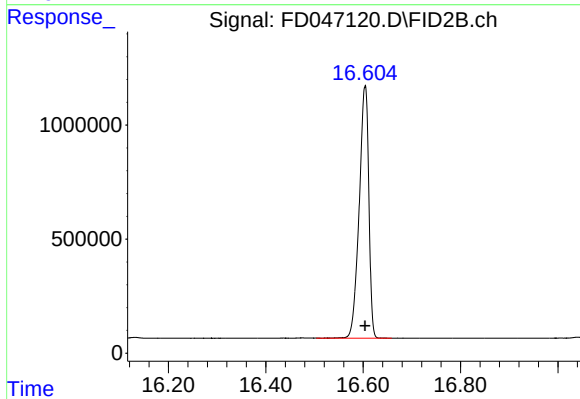
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: 0.000 min
Response: 15966021
Conc: 98.15 ug/ml



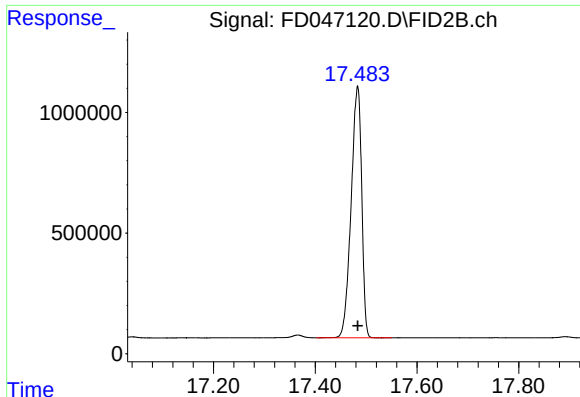
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: 0.000 min
Response: 15679037
Conc: 98.38 ug/ml



#16 n-Octacosane (C28)

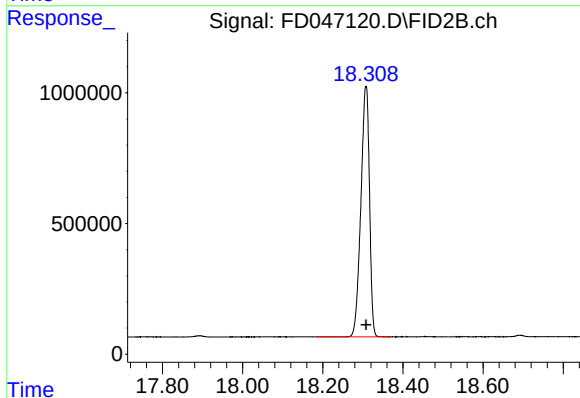
R.T.: 16.604 min
Delta R.T.: 0.000 min
Response: 15181750
Conc: 98.38 ug/ml



#17 n-Tricontane (C30)

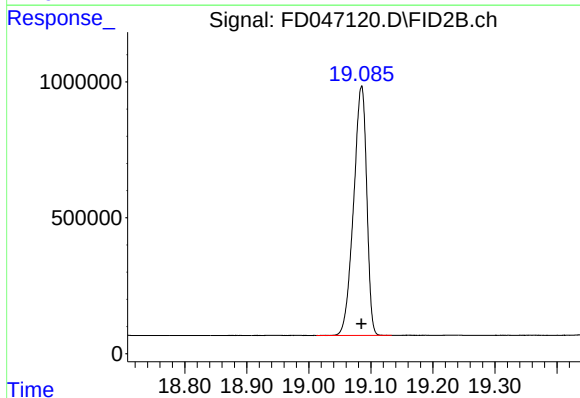
R.T.: 17.483 min
Delta R.T.: 0.000 min
Response: 15050733
Conc: 98.36 ug/ml

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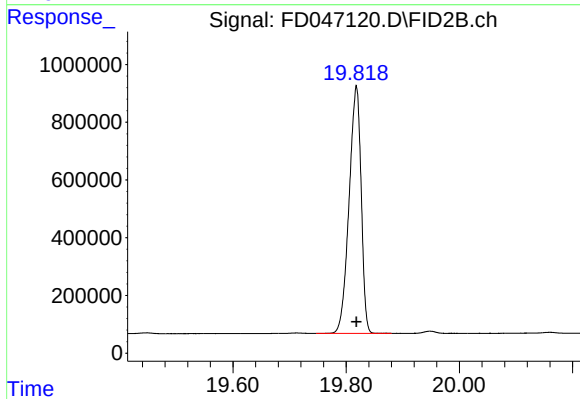
#18 n-Dotriacontane (C32)

R.T.: 18.308 min
Delta R.T.: 0.000 min
Response: 14293905
Conc: 98.16 ug/ml



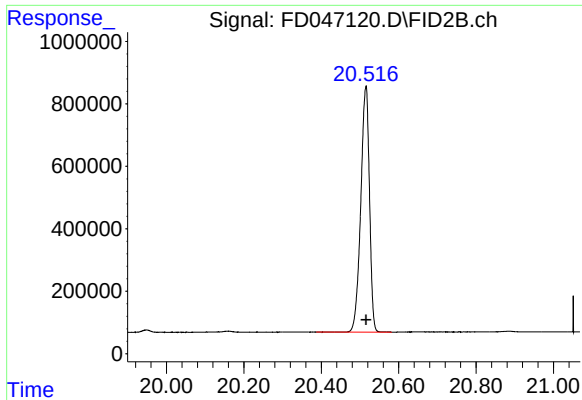
#19 n-Tetratriacontane (C34)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 13481216
Conc: 97.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.818 min
Delta R.T.: 0.000 min
Response: 12680543
Conc: 98.27 ug/ml



#21 n-Octatriacontane (C38)

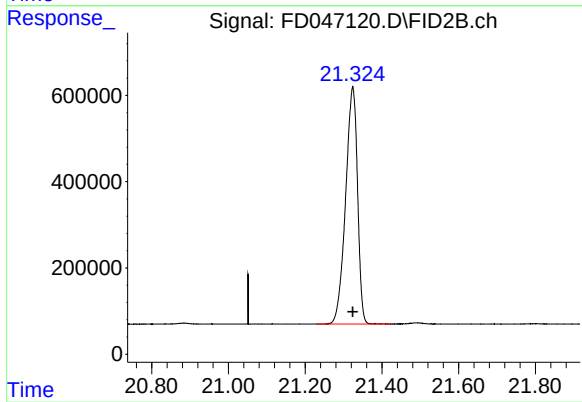
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 12286563
Conc: 98.67 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.324 min
Delta R.T.: 0.000 min
Response: 11841705
Conc: 99.40 ug/ml