

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047199.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 17:03
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 09 05:31:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:30:56 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)	11.368	17831688	98.784 ug/ml
Spiked Amount 50.000		Recovery =	197.57%
12) S 1-chlorooctadecane (S...	12.801	13702560	98.663 ug/ml
Spiked Amount 50.000		Recovery =	197.33%
Target Compounds			
1) T n-Nonane (C9)	3.202	15405370	99.636 ug/ml
2) T n-Decane (C10)	4.255	15803488	100.165 ug/ml
3) T A~Naphthalene (C11.7)	5.813	17561037	101.346 ug/ml
4) T n-Dodecane (C12)	6.256	16094066	100.290 ug/ml
5) T A~2-methylnaphthalene...	6.863	17146838	101.801 ug/ml
6) T n-Tetradecane (C14)	8.039	16066016	99.995 ug/ml
7) T n-Hexadecane (C16)	9.631	16644437	99.367 ug/ml
8) T n-Octadecane (C18)	11.066	16821146	98.413 ug/ml
10) T n-Eicosane (C20)	12.364	16192449	98.149 ug/ml
11) T n-Heneicosane (C21)	12.972	15939797	98.005 ug/ml
13) T n-Docosane (C22)	13.554	15833160	97.937 ug/ml
14) T n-Tetracosane (C24)	14.648	15673600	98.042 ug/ml
15) T n-Hexacosane (C26)	15.661	15271430	97.962 ug/ml
16) T n-Octacosane (C28)	16.603	14699509	97.721 ug/ml
17) T n-Tricontane (C30)	17.483	14465909	97.498 ug/ml
18) T n-Dotriacontane (C32)	18.308	13711562	97.438 ug/ml
19) T n-Tetratriacontane (C34)	19.085	12984903	98.459 ug/ml
20) T n-Hexatriacontane (C36)	19.818	12309977	100.412 ug/ml
21) T n-Octatriacontane (C38)	20.516	12063958	102.460 ug/ml
22) T n-Tetracontane (C40)	21.324	11898745	104.776 ug/ml

(f)=RT Delta > 1/2 Window

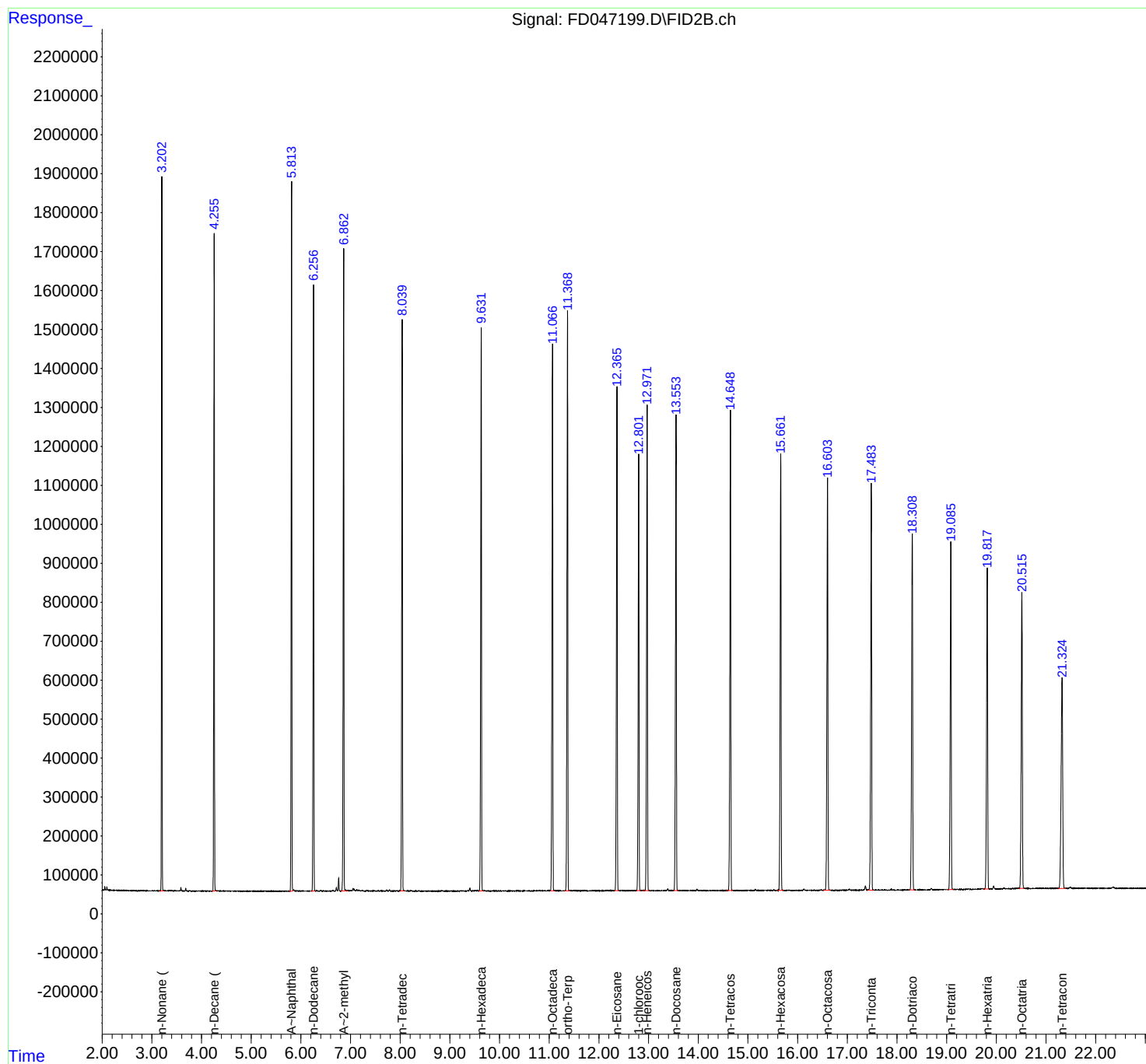
(m)=manual int.

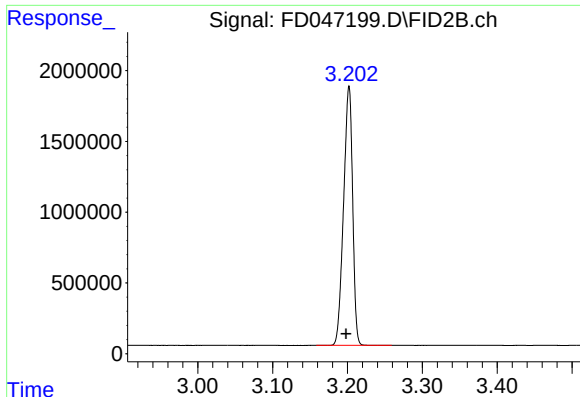
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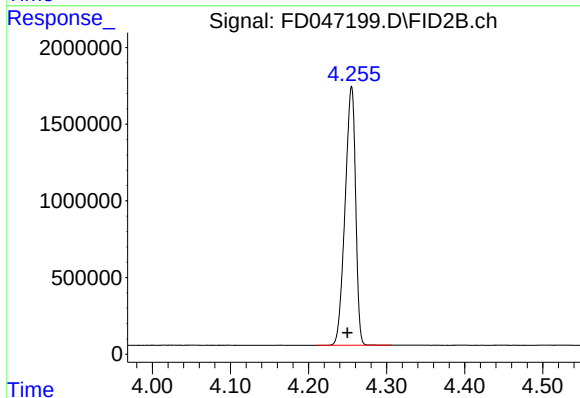




#1 n-Nonane (C9)

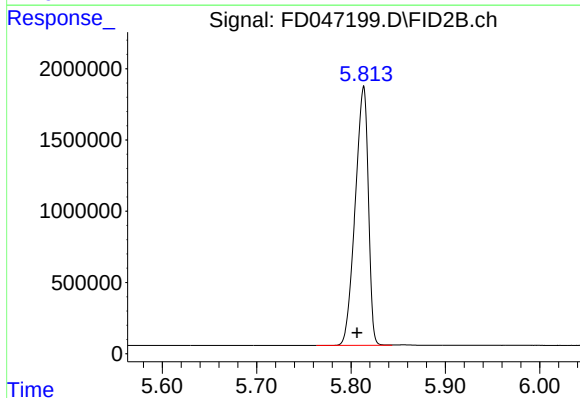
R.T.: 3.202 min
Delta R.T.: 0.004 min
Response: 15405370
Conc: 99.64 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



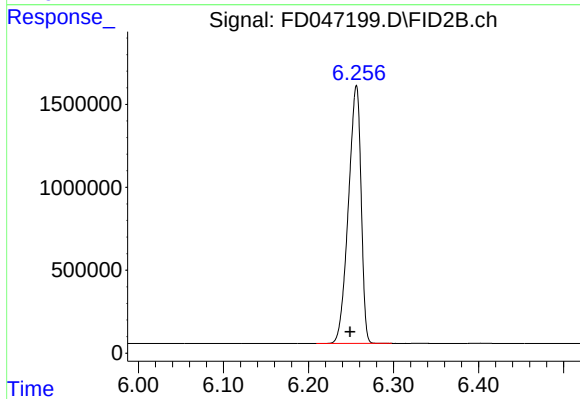
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.005 min
Response: 15803488
Conc: 100.17 ug/ml



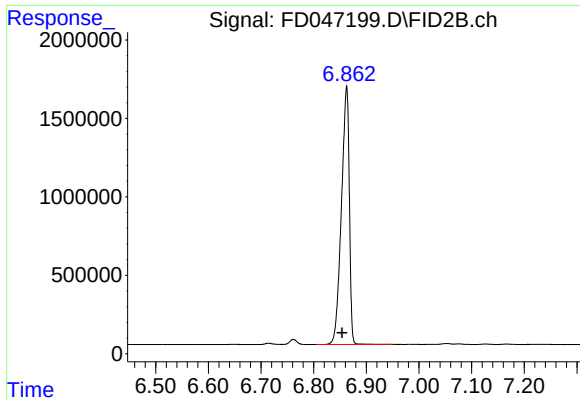
#3 A~Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.007 min
Response: 17561037
Conc: 101.35 ug/ml



#4 n-Dodecane (C12)

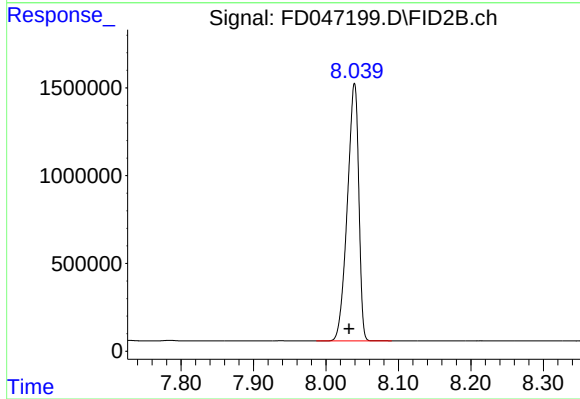
R.T.: 6.256 min
Delta R.T.: 0.007 min
Response: 16094066
Conc: 100.29 ug/ml



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

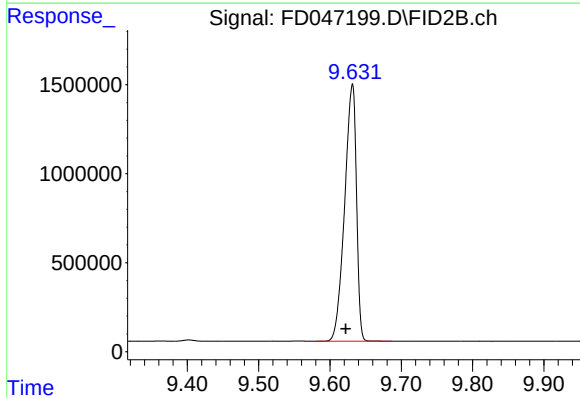
R.T.: 6.863 min
Delta R.T.: 0.008 min
Response: 17146838
Conc: 101.80 ug/ml

Instrument :
FID_D
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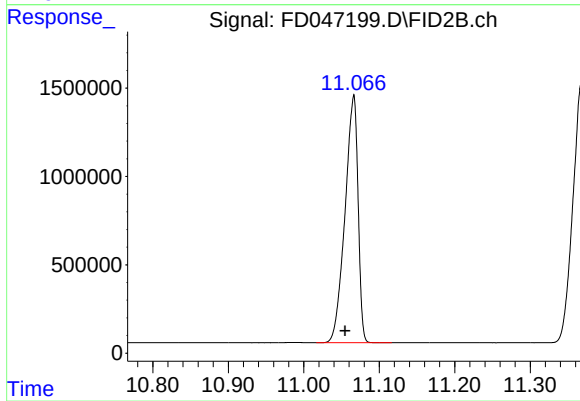
#6 n-Tetradecane (C14)

R.T.: 8.039 min
Delta R.T.: 0.007 min
Response: 16066016
Conc: 100.00 ug/ml



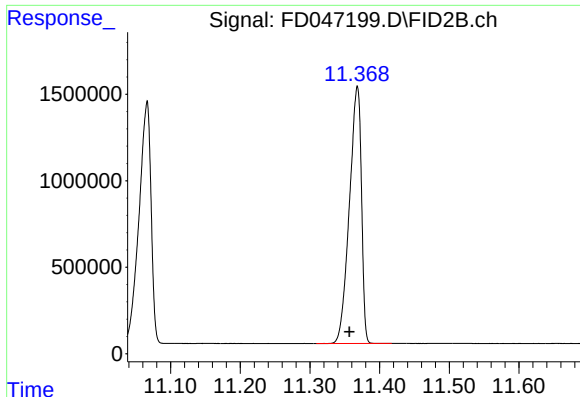
#7 n-Hexadecane (C16)

R.T.: 9.631 min
Delta R.T.: 0.009 min
Response: 16644437
Conc: 99.37 ug/ml



#8 n-Octadecane (C18)

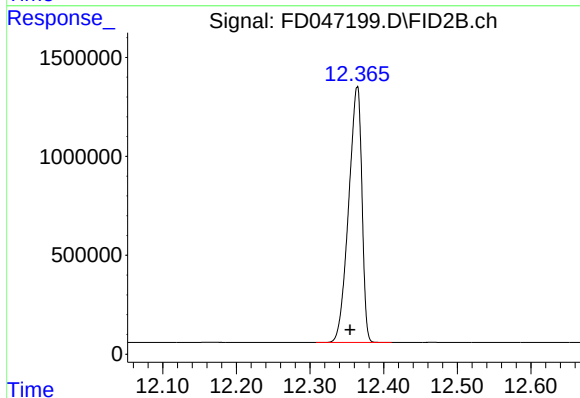
R.T.: 11.066 min
Delta R.T.: 0.011 min
Response: 16821146
Conc: 98.41 ug/ml



#9 ortho-Terphenyl (SURR)

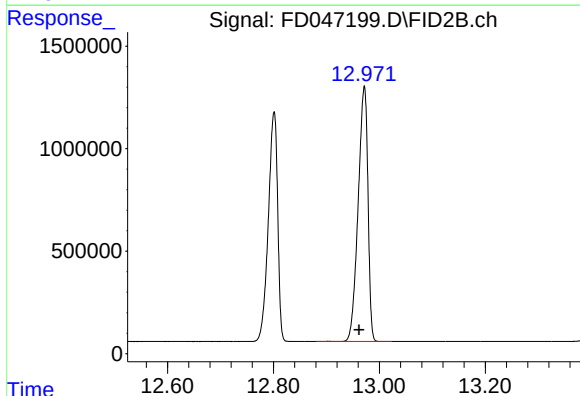
R.T.: 11.368 min
Delta R.T.: 0.012 min
Response: 17831688
Conc: 98.78 ug/ml

Instrument :
FID_D
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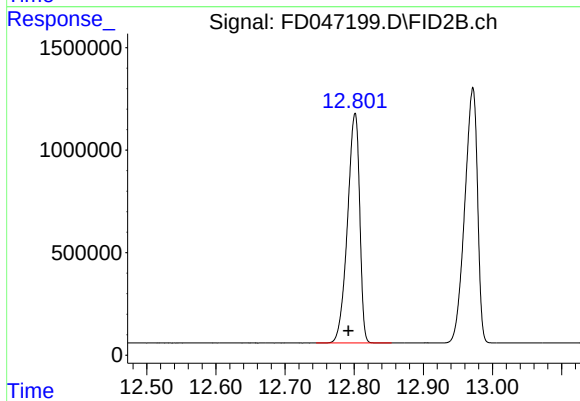
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: 0.009 min
Response: 16192449
Conc: 98.15 ug/ml



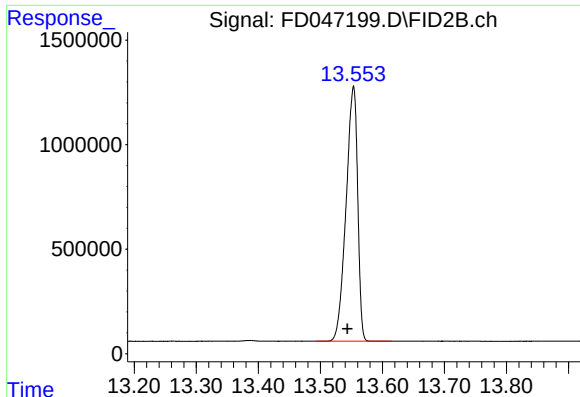
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: 0.010 min
Response: 15939797
Conc: 98.01 ug/ml



#12 1-chlorooctadecane (SURR)

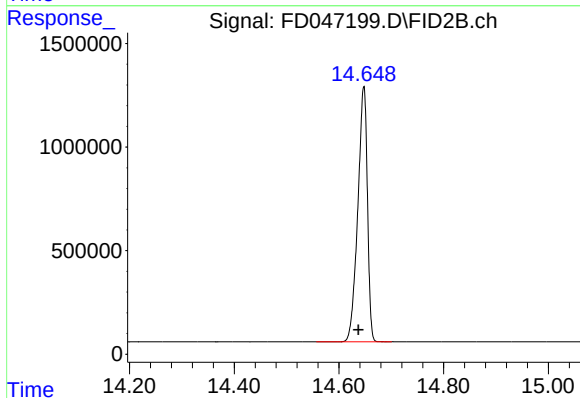
R.T.: 12.801 min
Delta R.T.: 0.010 min
Response: 13702560
Conc: 98.66 ug/ml



#13 n-Docosane (C22)

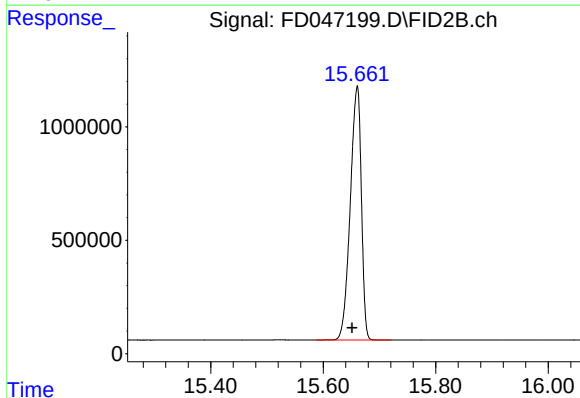
R.T.: 13.554 min
Delta R.T.: 0.010 min
Response: 15833160
Conc: 97.94 ug/ml

Instrument :
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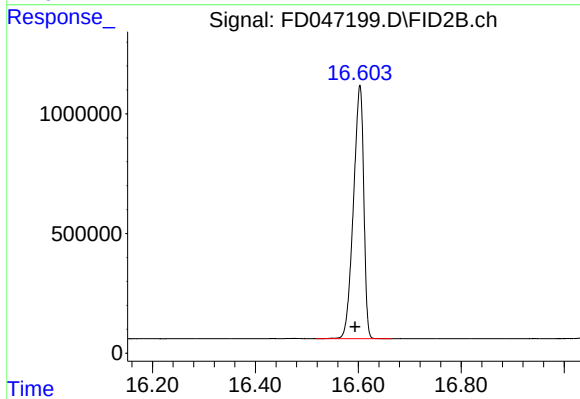
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: 0.010 min
Response: 15673600
Conc: 98.04 ug/ml



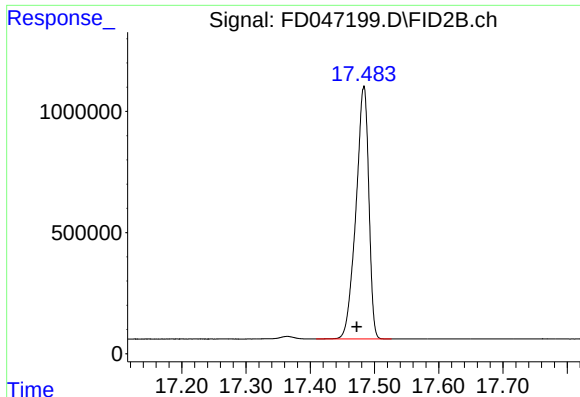
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: 0.009 min
Response: 15271430
Conc: 97.96 ug/ml



#16 n-Octacosane (C28)

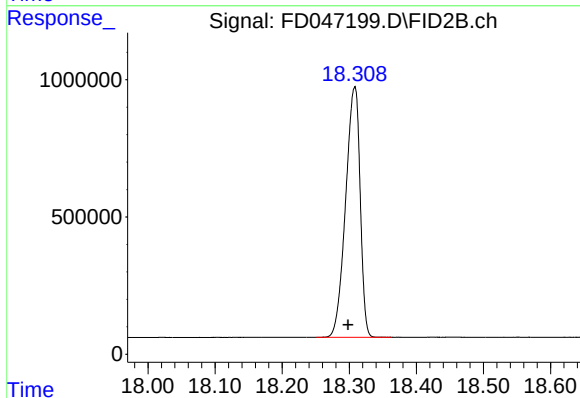
R.T.: 16.603 min
Delta R.T.: 0.009 min
Response: 14699509
Conc: 97.72 ug/ml



#17 n-Tricontane (C30)

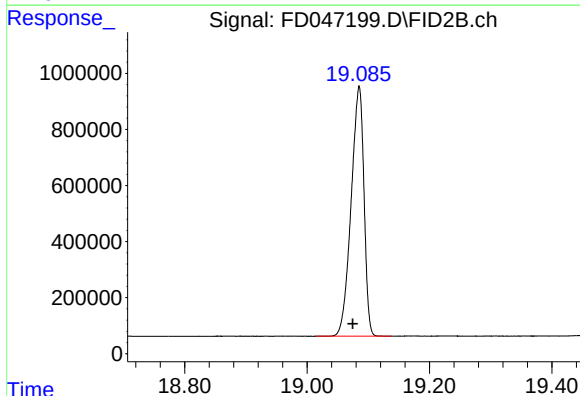
R.T.: 17.483 min
Delta R.T.: 0.011 min
Response: 14465909
Conc: 97.50 ug/ml

Instrument :
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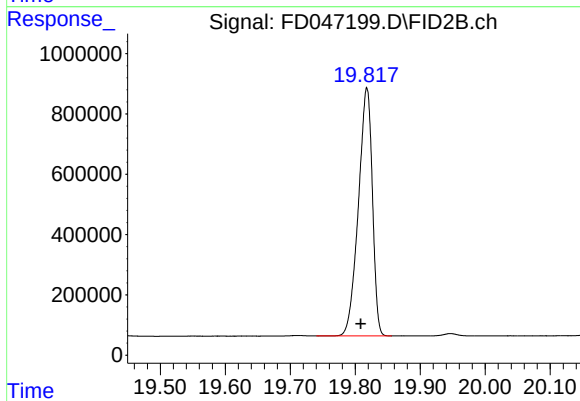
#18 n-Dotriacontane (C32)

R.T.: 18.308 min
Delta R.T.: 0.010 min
Response: 13711562
Conc: 97.44 ug/ml



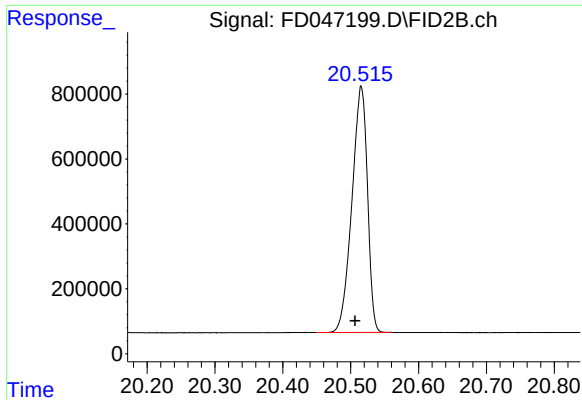
#19 n-Tetratriacontane (C34)

R.T.: 19.085 min
Delta R.T.: 0.010 min
Response: 12984903
Conc: 98.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.818 min
Delta R.T.: 0.010 min
Response: 12309977
Conc: 100.41 ug/ml



#21 n-Octatriacontane (C38)

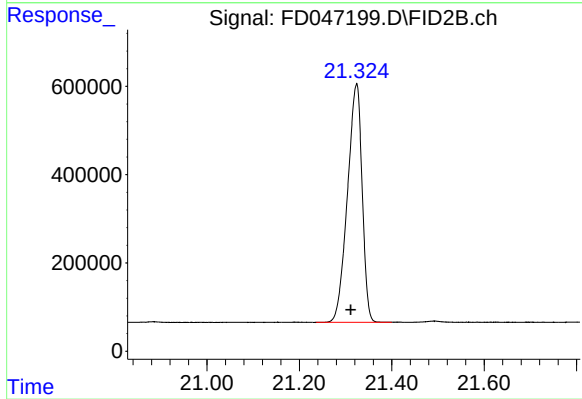
R.T.: 20.516 min
Delta R.T.: 0.009 min
Response: 12063958
Conc: 102.46 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.324 min
Delta R.T.: 0.013 min
Response: 11898745
Conc: 104.78 ug/ml