

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037819.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 03:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 28 06:16:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:12:55 2022
 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)	11.620	16581075	99.729 ug/ml
Spiked Amount 50.000		Recovery =	199.46%
12) S 1-chlorooctadecane (S...	13.040	13101751	99.991 ug/ml
Spiked Amount 50.000		Recovery =	199.98%
Target Compounds			
1) T n-Nonane (C9)	3.013	14576911	100.907 ug/ml
2) T n-Decane (C10)	4.270	14692982	101.140 ug/ml
3) T A~Naphthalene (C11.7)	5.981	15455770	106.262 ug/ml
4) T n-Dodecane (C12)	6.443	14903076	100.535 ug/ml
5) T A~2-methylnaphthalene...	7.075	15249845	108.896 ug/ml
6) T n-Tetradecane (C14)	8.262	14924829	100.282 ug/ml
7) T n-Hexadecane (C16)	9.861	15102089	99.842 ug/ml
8) T n-Octadecane (C18)	11.298	15330790	99.435 ug/ml
10) T n-Eicosane (C20)	12.598	15458622	99.187 ug/ml
11) T n-Heneicosane (C21)	13.207	15524345	98.895 ug/ml
13) T n-Docosane (C22)	13.789	15542666	98.980 ug/ml
14) T n-Tetracosane (C24)	14.886	15464096	98.942 ug/ml
15) T n-Hexacosane (C26)	15.900	15318476	98.821 ug/ml
16) T n-Octacosane (C28)	16.845	14986597	98.486 ug/ml
17) T n-Tricontane (C30)	17.727	14829304	98.002 ug/ml
18) T n-Dotriacontane (C32)	18.555	14439534	97.434 ug/ml
19) T n-Tetratriacontane (C34)	19.334	13535436	97.180 ug/ml
20) T n-Hexatriacontane (C36)	20.068	13157846	96.915 ug/ml
21) T n-Octatriacontane (C38)	20.764	12480540	97.069 ug/ml
22) T n-Tetracontane (C40)	21.535	11987764	98.529 ug/ml

(f)=RT Delta > 1/2 Window

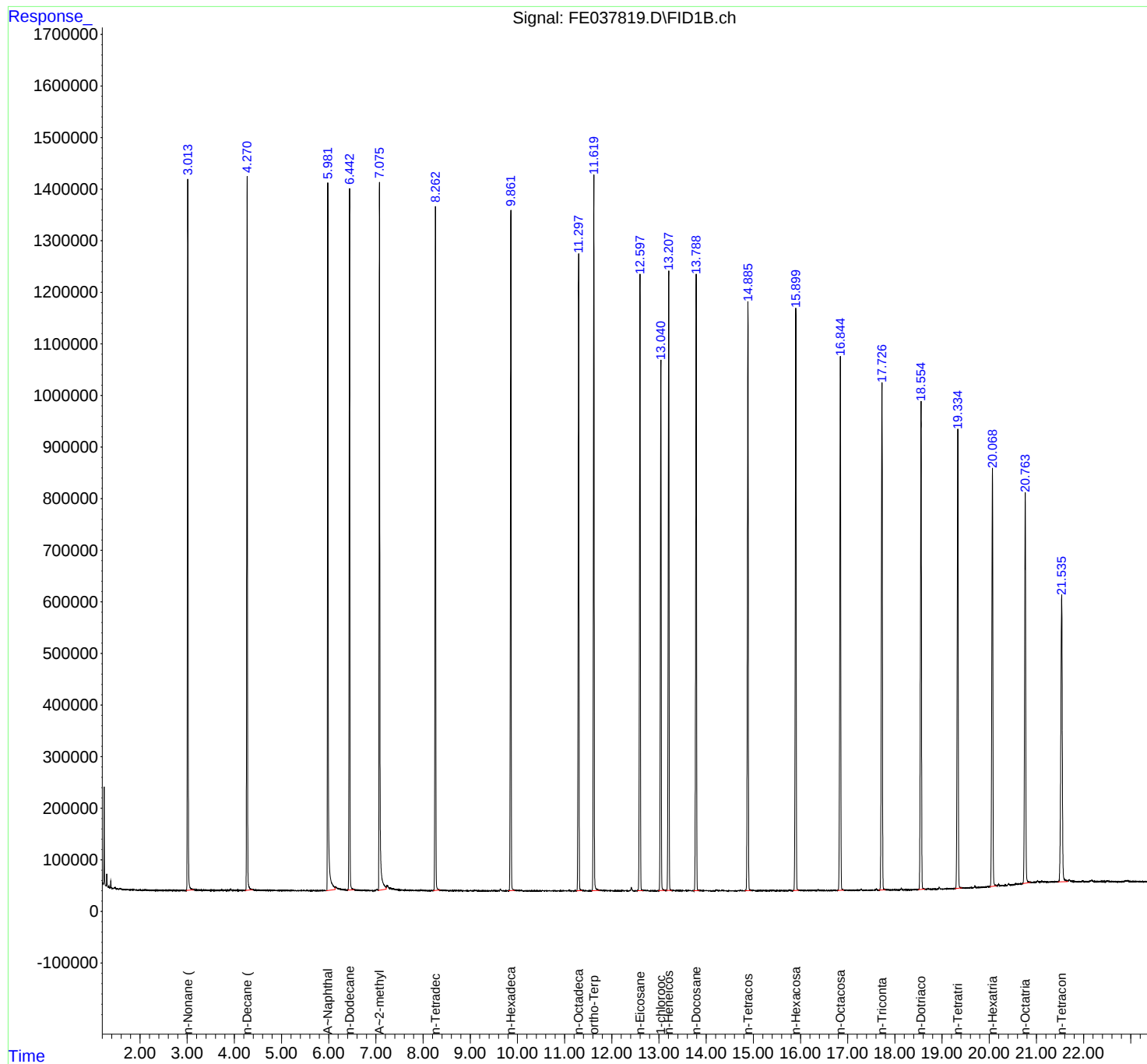
(m)=manual int.

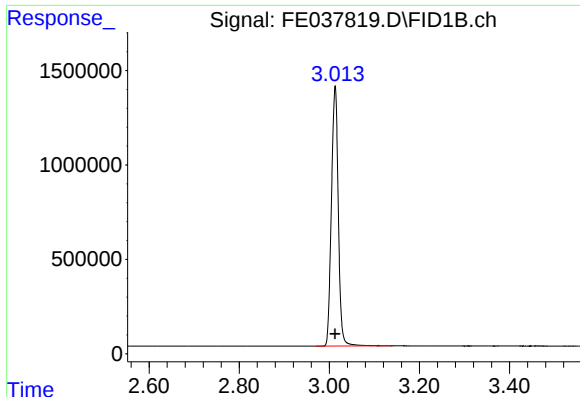
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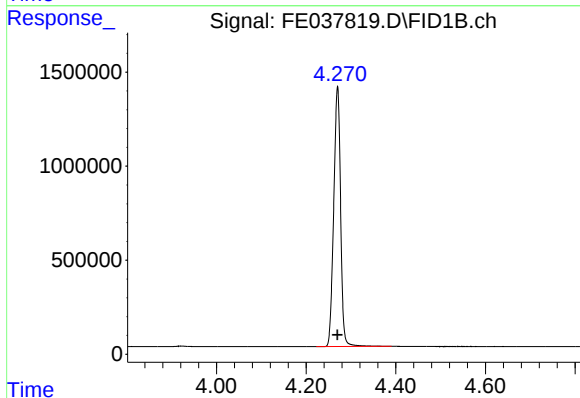




#1 n-Nonane (C9)

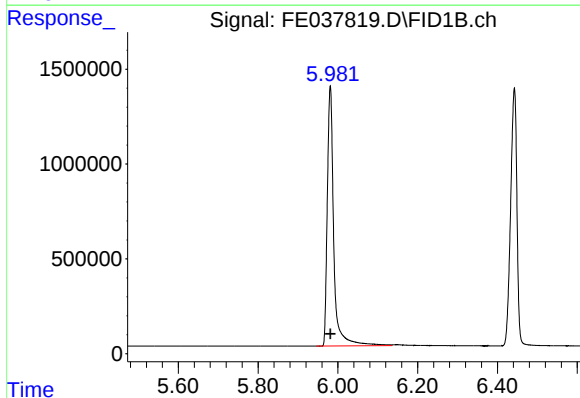
R.T.: 3.013 min
Delta R.T.: 0.000 min
Response: 14576911
Conc: 100.91 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



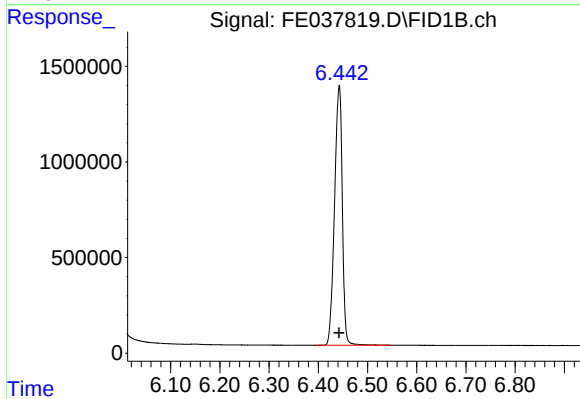
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 14692982
Conc: 101.14 ug/ml



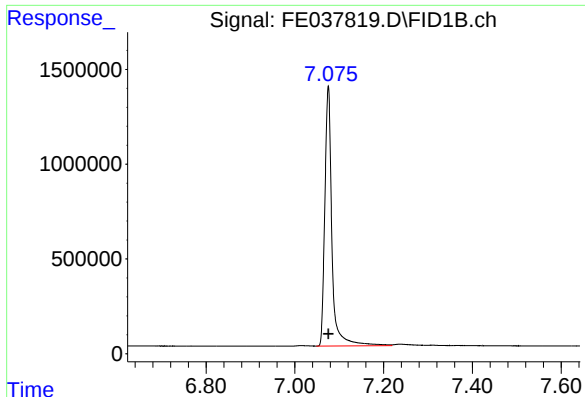
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 15455770
Conc: 106.26 ug/ml



#4 n-Dodecane (C12)

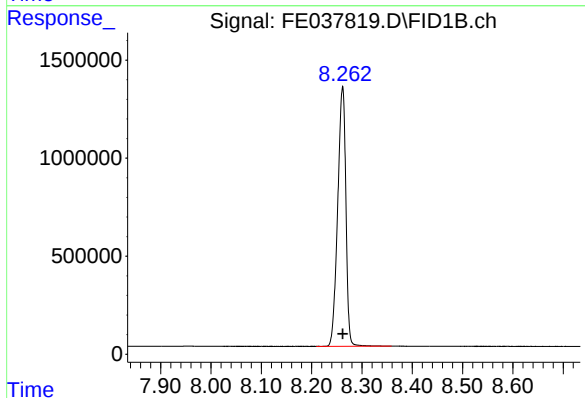
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 14903076
Conc: 100.54 ug/ml



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

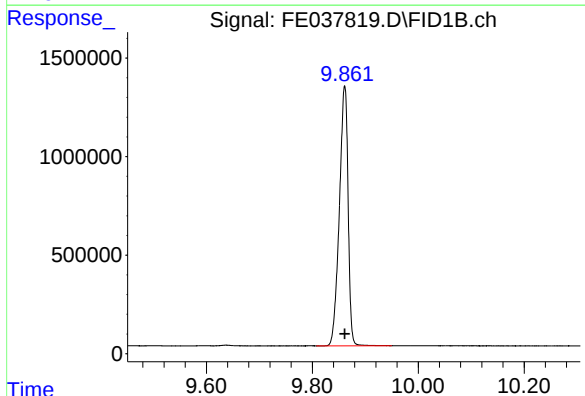
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 15249845
Conc: 108.90 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



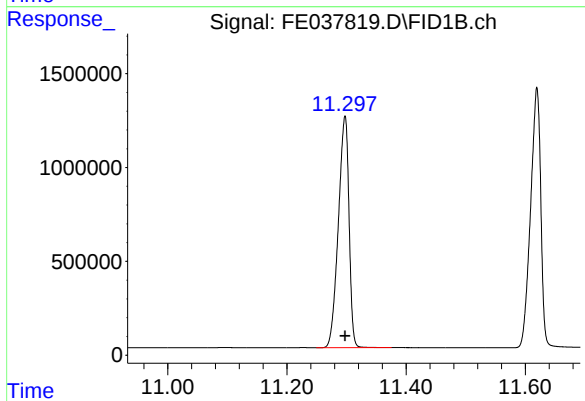
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: 0.000 min
Response: 14924829
Conc: 100.28 ug/ml



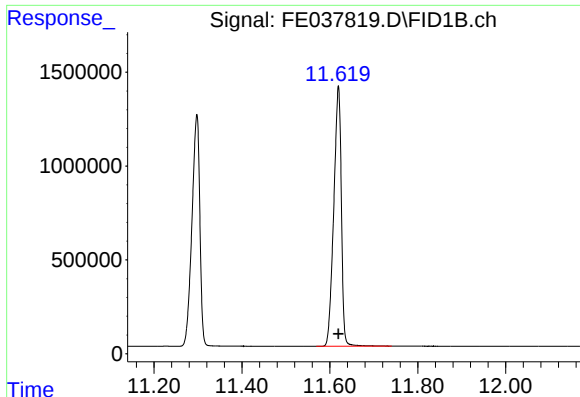
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 15102089
Conc: 99.84 ug/ml



#8 n-Octadecane (C18)

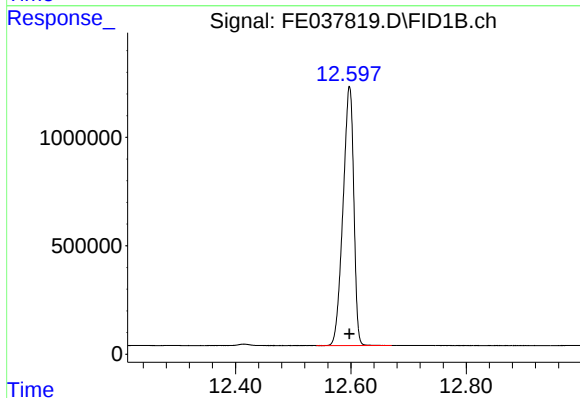
R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 15330790
Conc: 99.44 ug/ml



#9 ortho-Terphenyl (SURR)

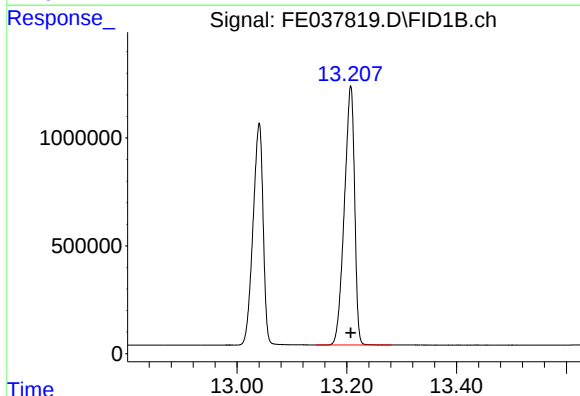
R.T.: 11.620 min
Delta R.T.: 0.000 min
Response: 16581075
Conc: 99.73 ug/ml

Instrument :
FID_C
ClientSampleId :
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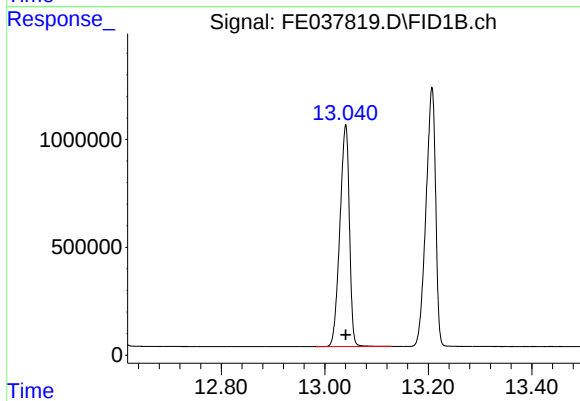
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 15458622
Conc: 99.19 ug/ml



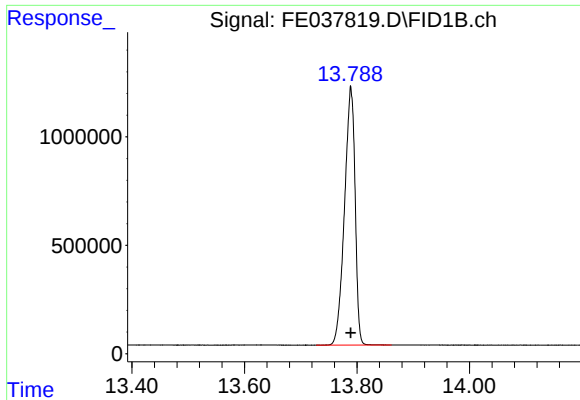
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: 0.000 min
Response: 15524345
Conc: 98.90 ug/ml



#12 1-chlorooctadecane (SURR)

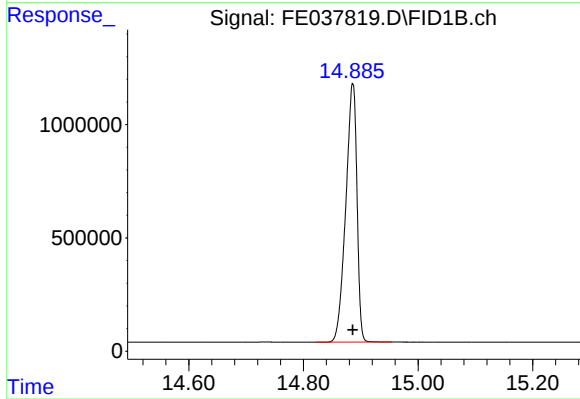
R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 13101751
Conc: 99.99 ug/ml



#13 n-Docosane (C22)

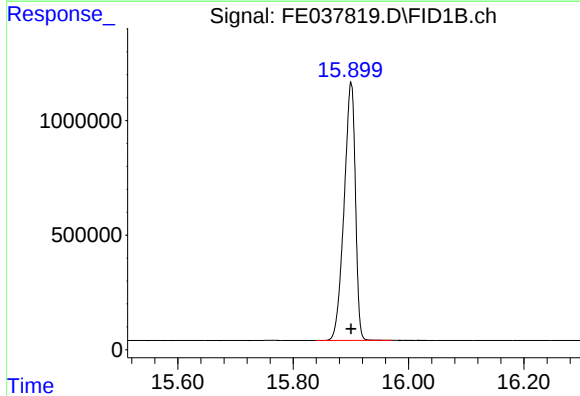
R.T.: 13.789 min
Delta R.T.: 0.000 min
Response: 15542666
Conc: 98.98 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



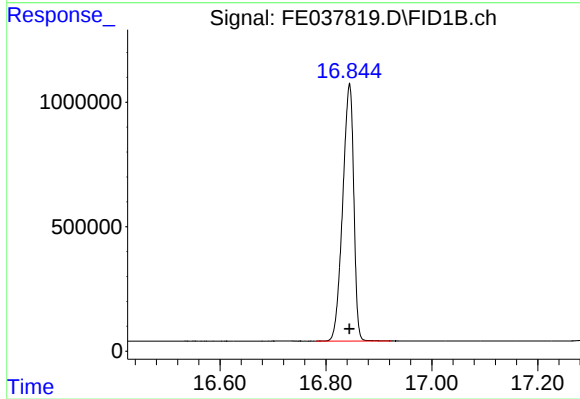
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: 0.000 min
Response: 15464096
Conc: 98.94 ug/ml



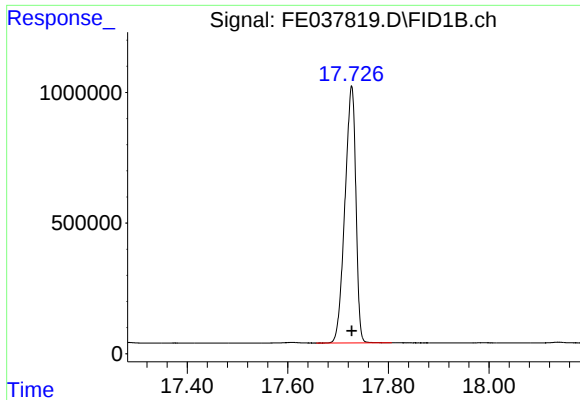
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.000 min
Response: 15318476
Conc: 98.82 ug/ml



#16 n-Octacosane (C28)

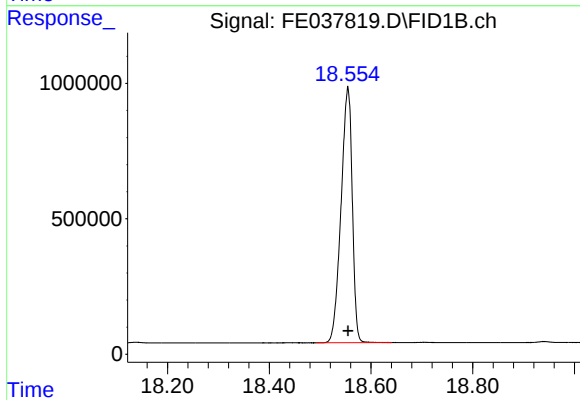
R.T.: 16.845 min
Delta R.T.: 0.000 min
Response: 14986597
Conc: 98.49 ug/ml



#17 n-Tricontane (C30)

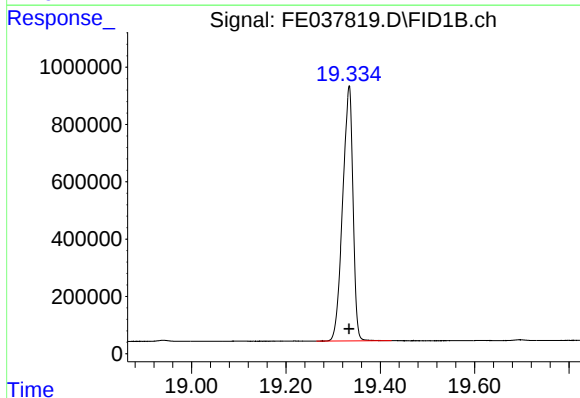
R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 14829304
Conc: 98.00 ug/ml

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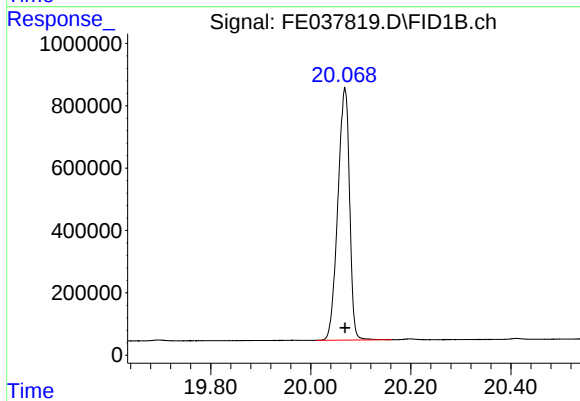
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 14439534
Conc: 97.43 ug/ml



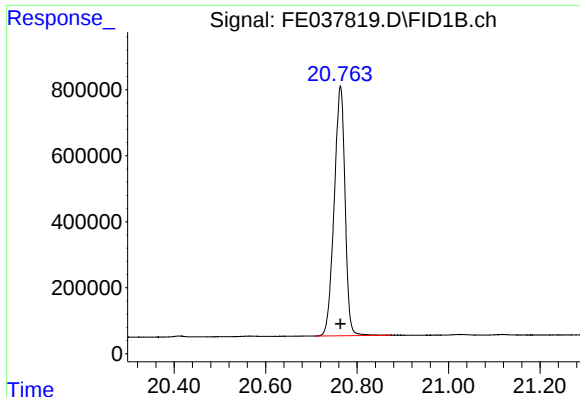
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 13535436
Conc: 97.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 13157846
Conc: 96.91 ug/ml



#21 n-Octatriacontane (C38)

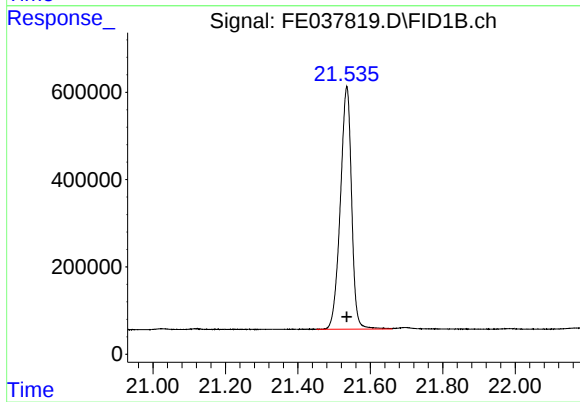
R.T.: 20.764 min
Delta R.T.: 0.000 min
Response: 12480540
Conc: 97.07 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: 0.000 min
Response: 11987764
Conc: 98.53 ug/ml