

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016262.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 14:28
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 29 03:21:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 2025
 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)	11.989	13477083	93.938 ug/ml
Spiked Amount 50.000		Recovery =	187.88%
12) S 1-chlorooctadecane (S...	13.427	10451306	94.038 ug/ml
Spiked Amount 50.000		Recovery =	188.08%
Target Compounds			
1) T n-Nonane (C9)	3.338	10921774	94.200 ug/ml
2) T n-Decane (C10)	4.600	11126596	94.422 ug/ml
3) T A~Naphthalene (C11.7)	6.310	12278737	94.524 ug/ml
4) T n-Dodecane (C12)	6.778	11267565	94.539 ug/ml
5) T A~2-methylnaphthalene...	7.412	12035023	95.113 ug/ml
6) T n-Tetradecane (C14)	8.612	11284902	94.454 ug/ml
7) T n-Hexadecane (C16)	10.222	11717816	94.564 ug/ml
8) T n-Octadecane (C18)	11.670	12096242	93.779 ug/ml
10) T n-Eicosane (C20)	12.981	11880156	93.258 ug/ml
11) T n-Heneicosane (C21)	13.595	11798923	93.293 ug/ml
13) T n-Docosane (C22)	14.183	11837734	93.466 ug/ml
14) T n-Tetracosane (C24)	15.288	11916363	93.334 ug/ml
15) T n-Hexacosane (C26)	16.313	11701528	93.651 ug/ml
16) T n-Octacosane (C28)	17.264	11372894	92.560 ug/ml
17) T n-Tricontane (C30)	18.155	11332018	90.479 ug/ml
18) T n-Dotriacontane (C32)	18.990	10713768	88.328 ug/ml
19) T n-Tetratriacontane (C34)	19.776	9764280	88.887 ug/ml
20) T n-Hexatriacontane (C36)	20.517	8490934	90.374 ug/ml
21) T n-Octatriacontane (C38)	21.278	7745351	92.097 ug/ml
22) T n-Tetracontane (C40)	22.230	7353238	93.746 ug/ml

(f)=RT Delta > 1/2 Window

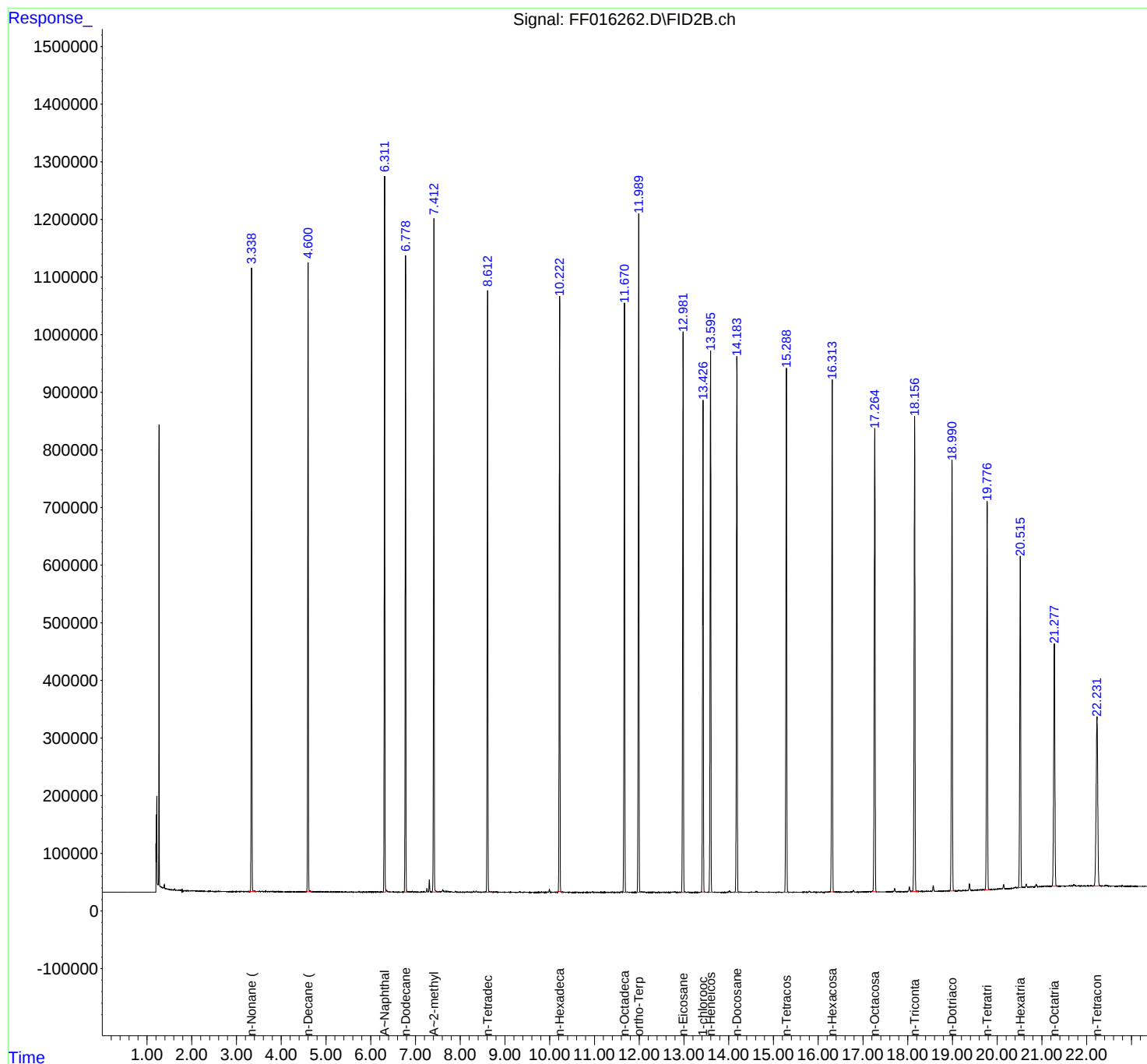
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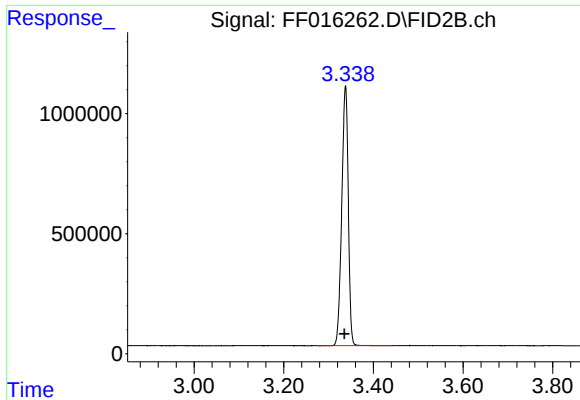
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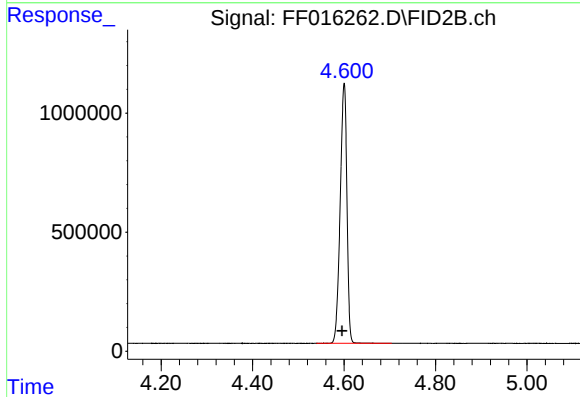




#1 n-Nonane (C9)

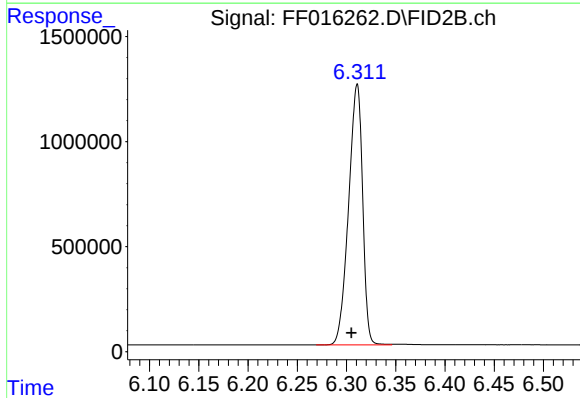
R.T.: 3.338 min
Delta R.T.: 0.003 min
Response: 10921774
Conc: 94.20 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



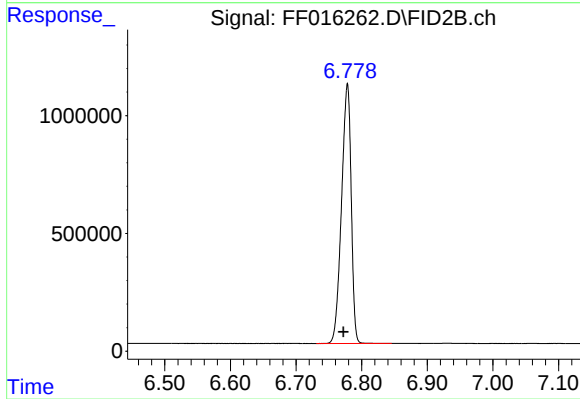
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.004 min
Response: 11126596
Conc: 94.42 ug/ml



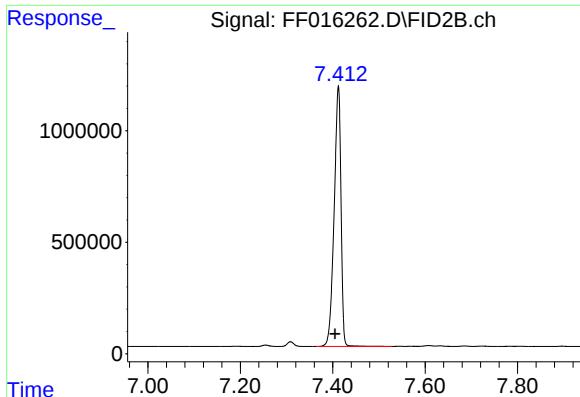
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.006 min
Response: 12278737
Conc: 94.52 ug/ml



#4 n-Dodecane (C12)

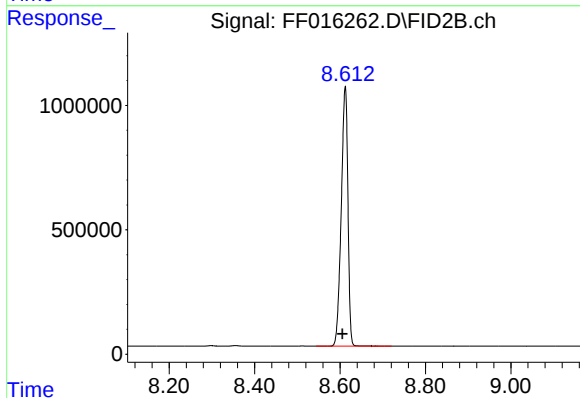
R.T.: 6.778 min
Delta R.T.: 0.006 min
Response: 11267565
Conc: 94.54 ug/ml



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

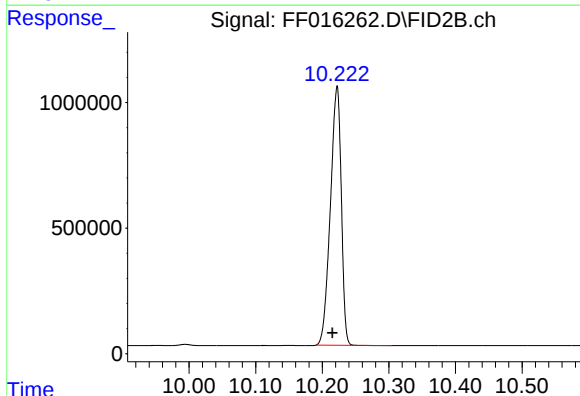
R.T.: 7.412 min
Delta R.T.: 0.007 min
Response: 12035023
Conc: 95.11 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



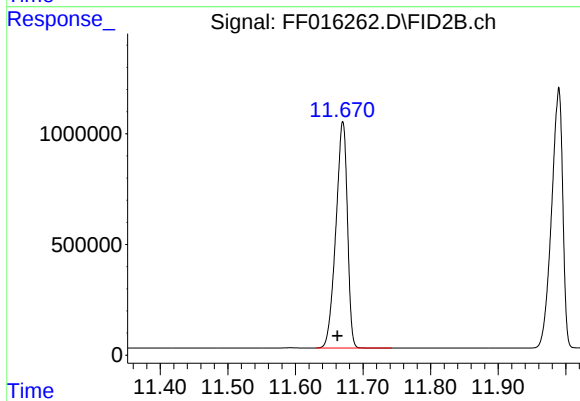
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.006 min
Response: 11284902
Conc: 94.45 ug/ml



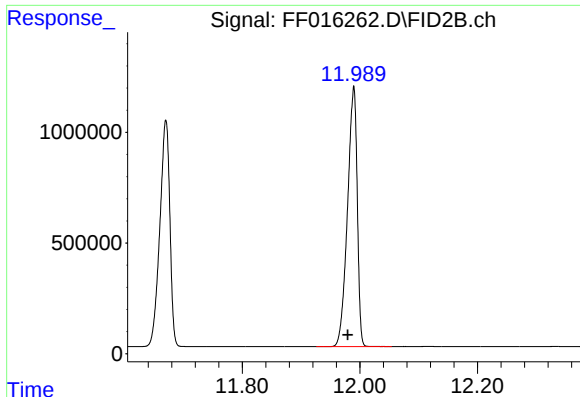
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.007 min
Response: 11717816
Conc: 94.56 ug/ml



#8 n-Octadecane (C18)

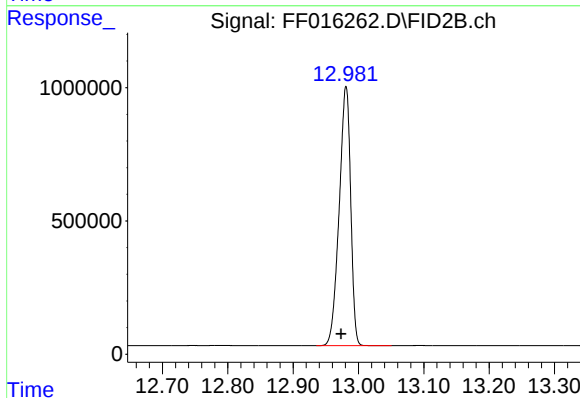
R.T.: 11.670 min
Delta R.T.: 0.008 min
Response: 12096242
Conc: 93.78 ug/ml



#9 ortho-Terphenyl (SURR)

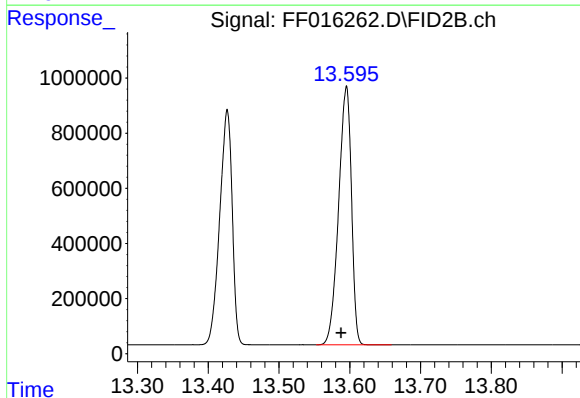
R.T.: 11.989 min
Delta R.T.: 0.009 min
Response: 13477083
Conc: 93.94 ug/ml

Instrument :
FID_F
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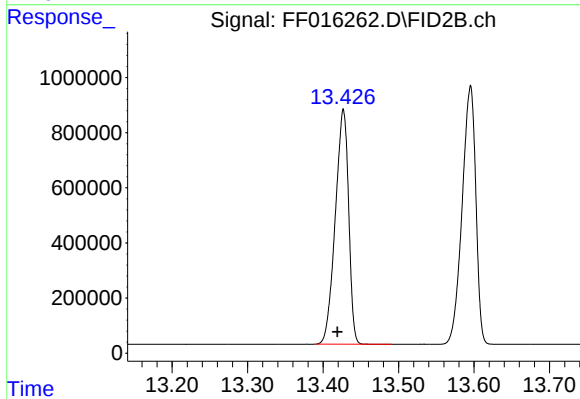
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.007 min
Response: 11880156
Conc: 93.26 ug/ml



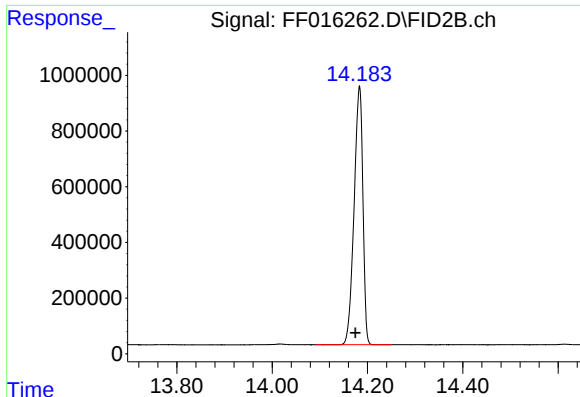
#11 n-Heneicosane (C21)

R.T.: 13.595 min
Delta R.T.: 0.008 min
Response: 11798923
Conc: 93.29 ug/ml



#12 1-chlorooctadecane (SURR)

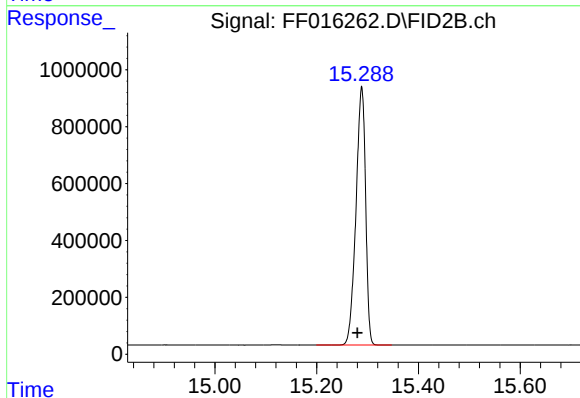
R.T.: 13.427 min
Delta R.T.: 0.008 min
Response: 10451306
Conc: 94.04 ug/ml



#13 n-Docosane (C22)

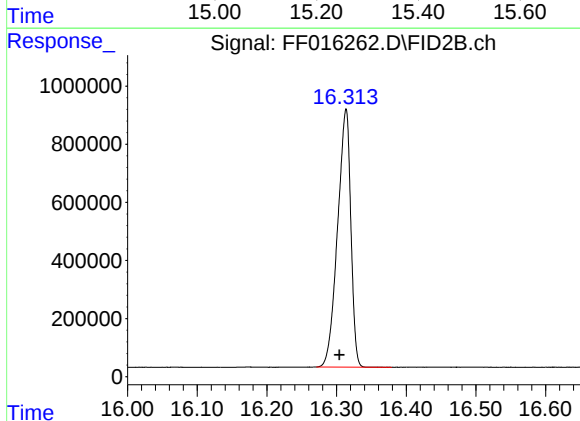
R.T.: 14.183 min
Delta R.T.: 0.008 min
Response: 11837734
Conc: 93.47 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



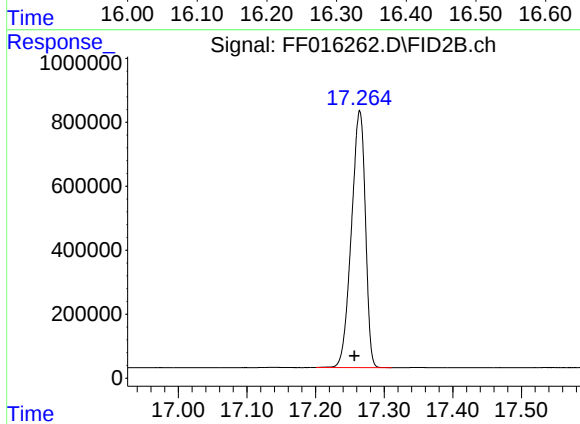
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: 0.008 min
Response: 11916363
Conc: 93.33 ug/ml



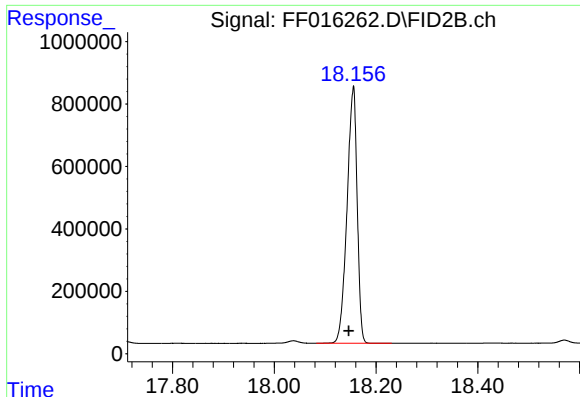
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.009 min
Response: 11701528
Conc: 93.65 ug/ml



#16 n-Octacosane (C28)

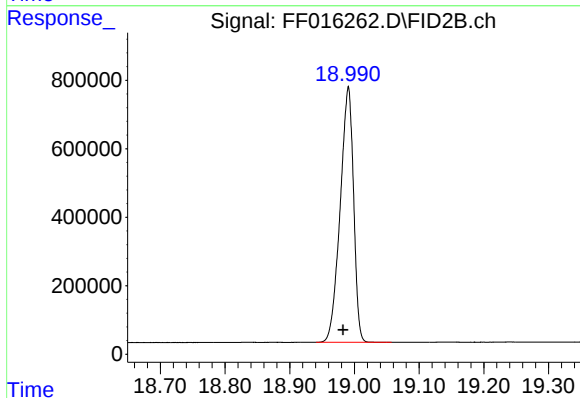
R.T.: 17.264 min
Delta R.T.: 0.008 min
Response: 11372894
Conc: 92.56 ug/ml



#17 n-Tricontane (C30)

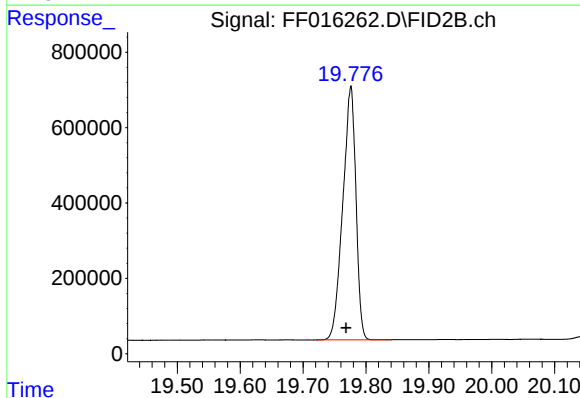
R.T.: 18.155 min
Delta R.T.: 0.009 min
Response: 11332018
Conc: 90.48 ug/ml

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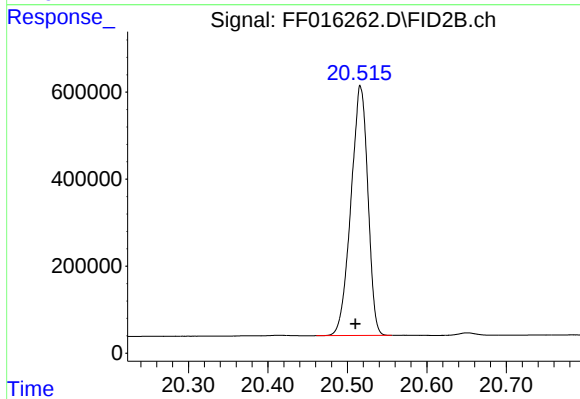
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 10713768
Conc: 88.33 ug/ml



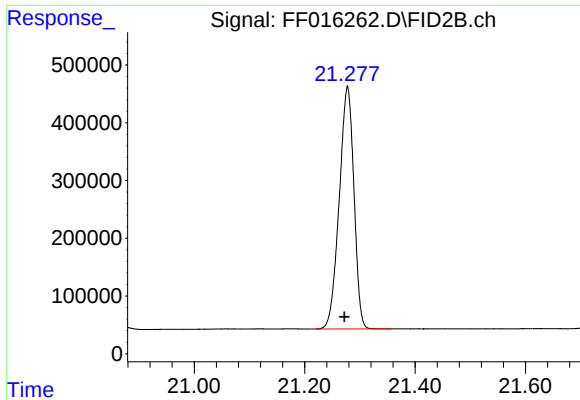
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.007 min
Response: 9764280
Conc: 88.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.517 min
Delta R.T.: 0.006 min
Response: 8490934
Conc: 90.37 ug/ml



#21 n-Octatriacontane (C38)

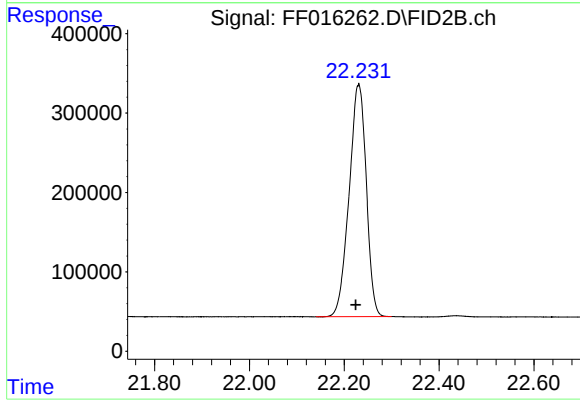
R.T.: 21.278 min
Delta R.T.: 0.006 min
Response: 7745351
Conc: 92.10 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.230 min
Delta R.T.: 0.006 min
Response: 7353238
Conc: 93.75 ug/ml