

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054263.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 01:12
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 10 07:13:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:11:27 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)	11.845	15162297	93.141 ug/ml
Spiked Amount 50.000		Recovery =	186.28%
12) S 1-chlorooctadecane (S...	13.287	11284645	93.929 ug/ml
Spiked Amount 50.000		Recovery =	187.86%
Target Compounds			
1) T n-Nonane (C9)	3.185	11838466	96.382 ug/ml
2) T n-Decane (C10)	4.449	11895086	96.488 ug/ml
3) T A~Naphthalene (C11.7)	6.163	13445462	101.209 ug/ml
4) T n-Dodecane (C12)	6.631	12173194	96.124 ug/ml
5) T A~2-methylnaphthalene...	7.267	13350606	101.185 ug/ml
6) T n-Tetradecane (C14)	8.467	12194755	95.419 ug/ml
7) T n-Hexadecane (C16)	10.080	12388557	94.563 ug/ml
8) T n-Octadecane (C18)	11.529	12475994	93.750 ug/ml
10) T n-Eicosane (C20)	12.841	12248560	92.939 ug/ml
11) T n-Heneicosane (C21)	13.454	12140346	92.666 ug/ml
13) T n-Docosane (C22)	14.042	11969689	92.746 ug/ml
14) T n-Tetracosane (C24)	15.148	11704888	92.159 ug/ml
15) T n-Hexacosane (C26)	16.172	11398738	92.228 ug/ml
16) T n-Octacosane (C28)	17.123	11137210	92.286 ug/ml
17) T n-Tricontane (C30)	18.013	11241705	92.516 ug/ml
18) T n-Dotriacontane (C32)	18.847	11408878	92.689 ug/ml
19) T n-Tetratriacontane (C34)	19.632	11373554	92.879 ug/ml
20) T n-Hexatriacontane (C36)	20.373	11880778	93.218 ug/ml
21) T n-Octatriacontane (C38)	21.104	12172753	93.002 ug/ml
22) T n-Tetracontane (C40)	22.001	12401130	93.174 ug/ml

(f)=RT Delta > 1/2 Window

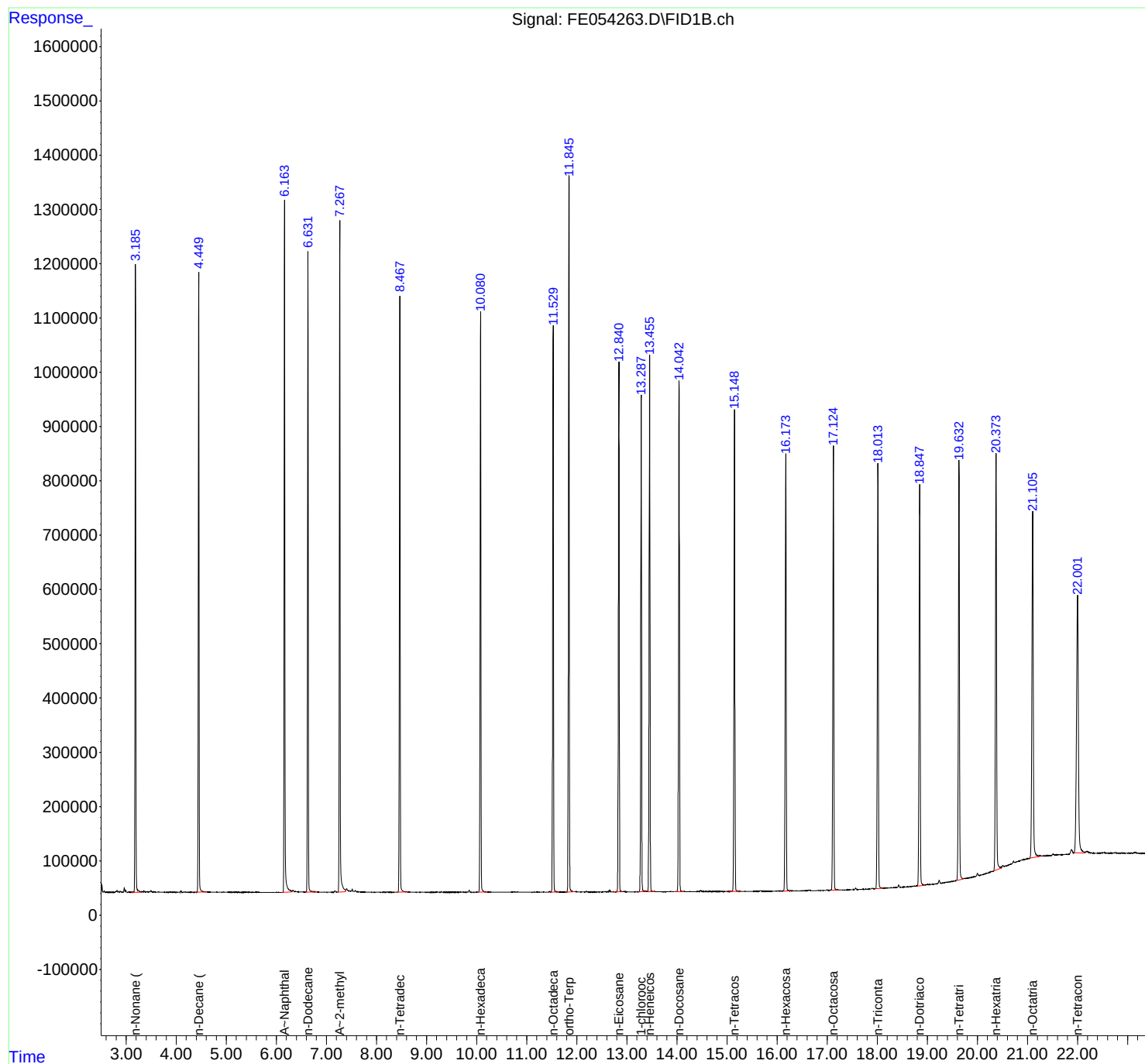
(m)=manual int.

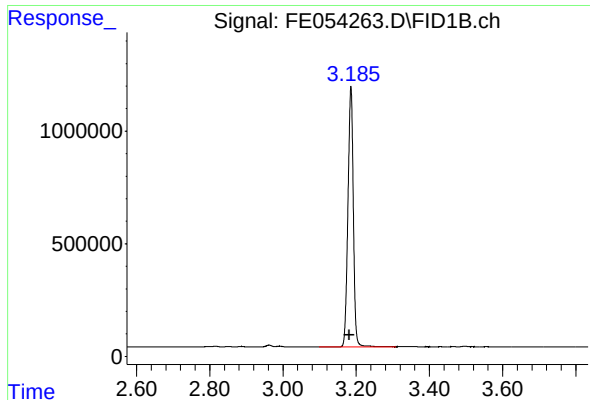
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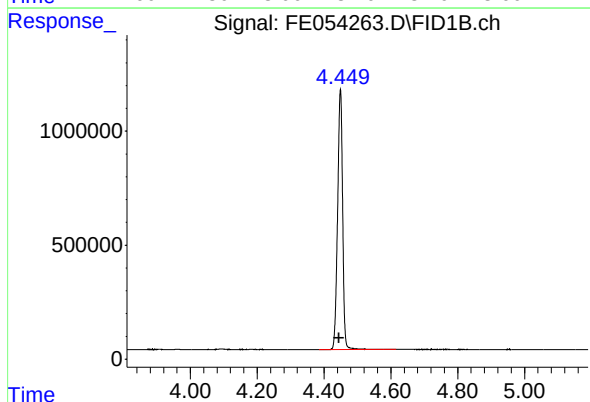




#1 n-Nonane (C9)

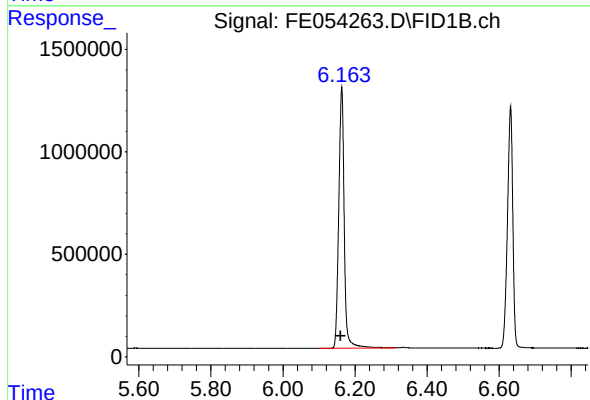
R.T.: 3.185 min
Delta R.T.: 0.004 min
Response: 11838466
Conc: 96.38 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



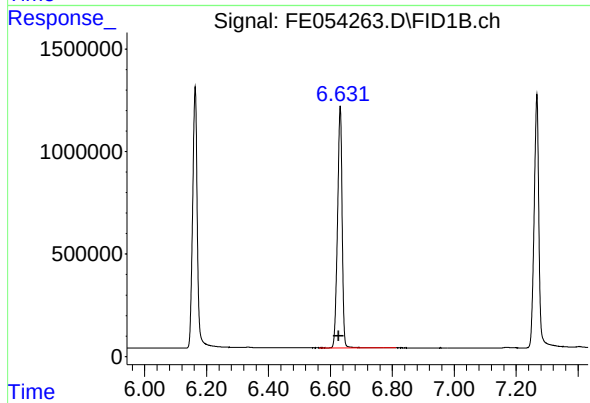
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.005 min
Response: 11895086
Conc: 96.49 ug/ml



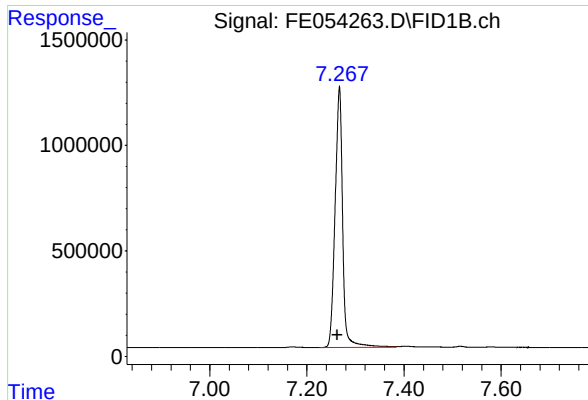
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 13445462
Conc: 101.21 ug/ml



#4 n-Dodecane (C12)

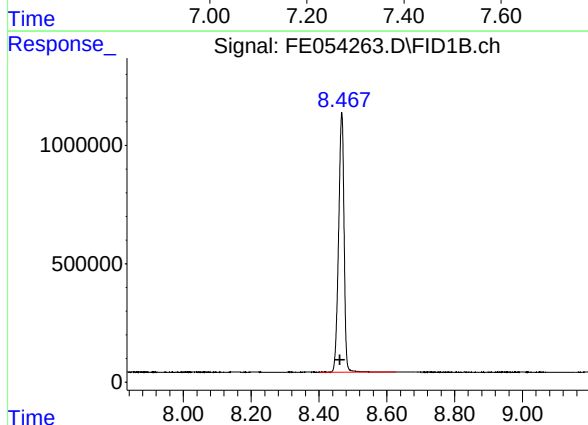
R.T.: 6.631 min
Delta R.T.: 0.005 min
Response: 12173194
Conc: 96.12 ug/ml



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

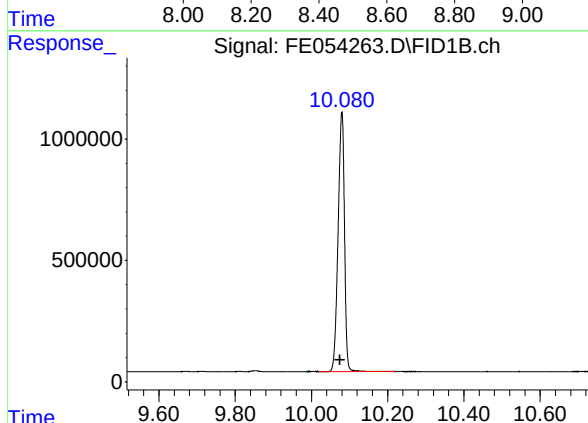
R.T.: 7.267 min
Delta R.T.: 0.004 min
Response: 13350606
Conc: 101.18 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



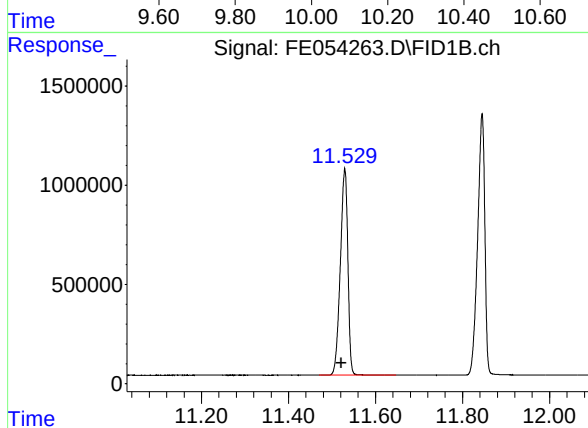
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: 0.005 min
Response: 12194755
Conc: 95.42 ug/ml



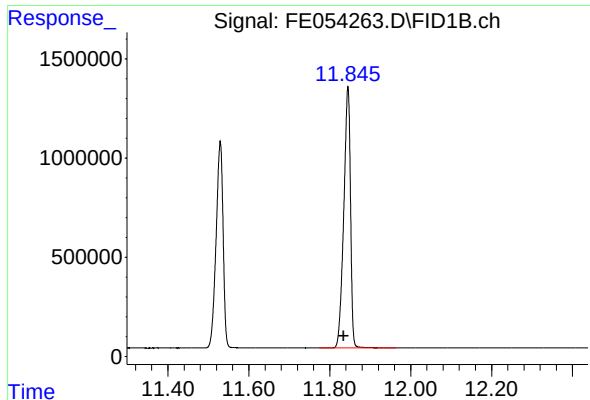
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: 0.005 min
Response: 12388557
Conc: 94.56 ug/ml



#8 n-Octadecane (C18)

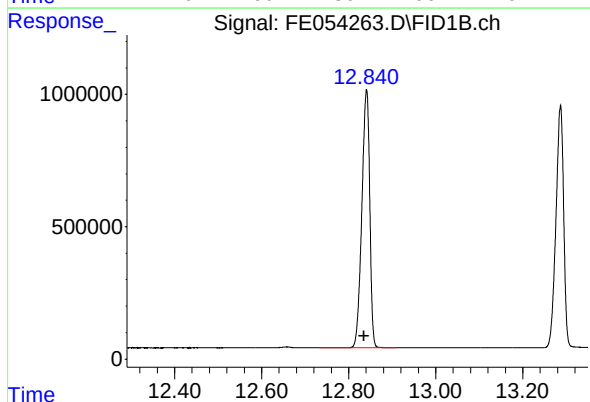
R.T.: 11.529 min
Delta R.T.: 0.008 min
Response: 12475994
Conc: 93.75 ug/ml



#9 ortho-Terphenyl (SURR)

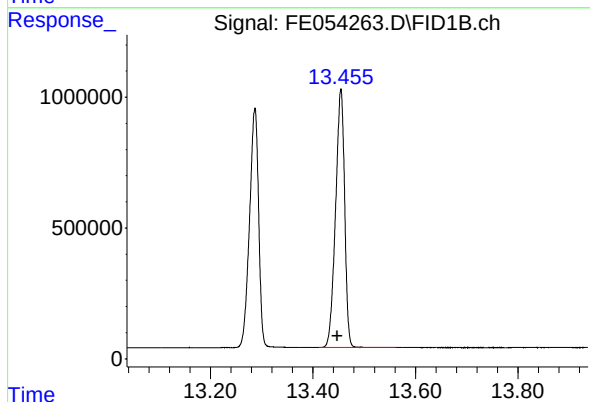
R.T.: 11.845 min
Delta R.T.: 0.010 min
Response: 15162297
Conc: 93.14 ug/ml

Instrument :
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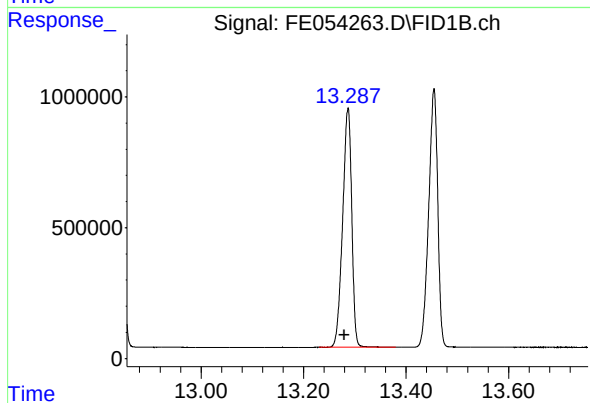
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: 0.006 min
Response: 12248560
Conc: 92.94 ug/ml



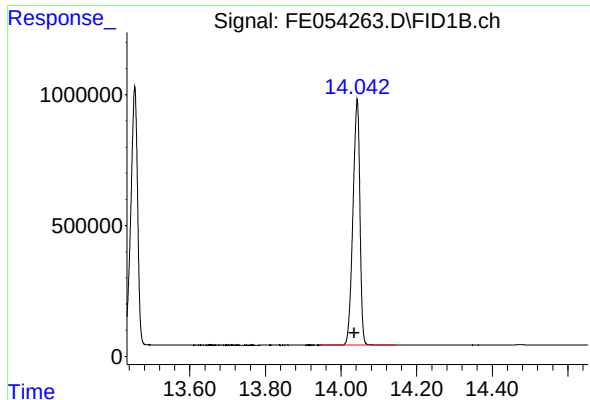
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: 0.007 min
Response: 12140346
Conc: 92.67 ug/ml



#12 1-chlorooctadecane (SURR)

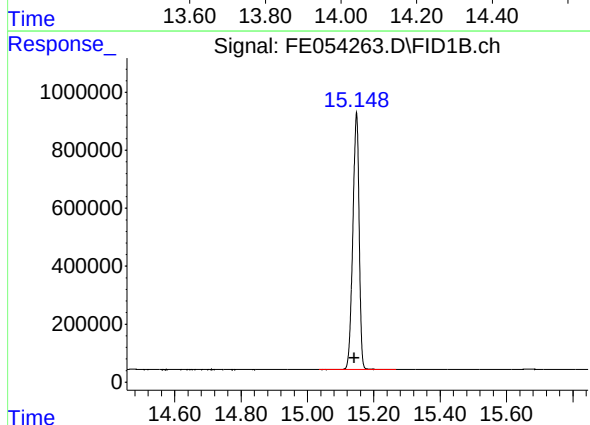
R.T.: 13.287 min
Delta R.T.: 0.007 min
Response: 11284645
Conc: 93.93 ug/ml



#13 n-Docosane (C22)

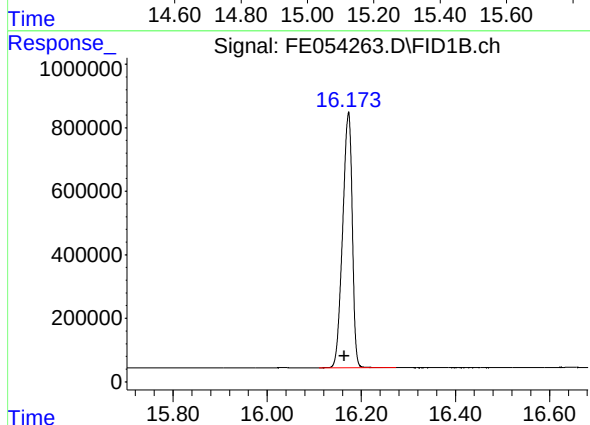
R.T.: 14.042 min
Delta R.T.: 0.007 min
Response: 11969689
Conc: 92.75 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



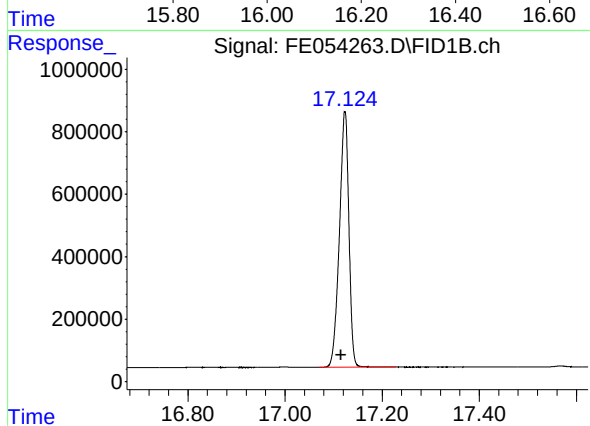
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: 0.006 min
Response: 11704888
Conc: 92.16 ug/ml



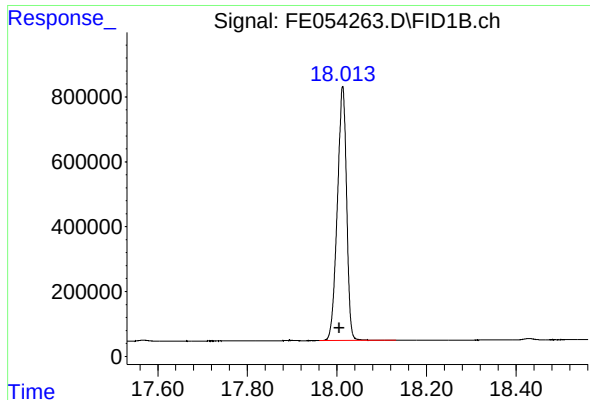
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 11398738
Conc: 92.23 ug/ml



#16 n-Octacosane (C28)

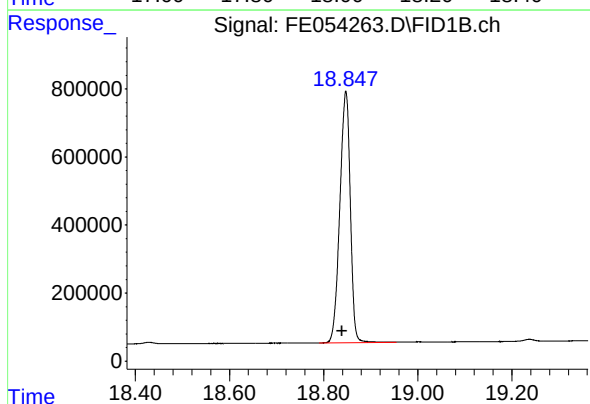
R.T.: 17.123 min
Delta R.T.: 0.008 min
Response: 11137210
Conc: 92.29 ug/ml



#17 n-Tricontane (C30)

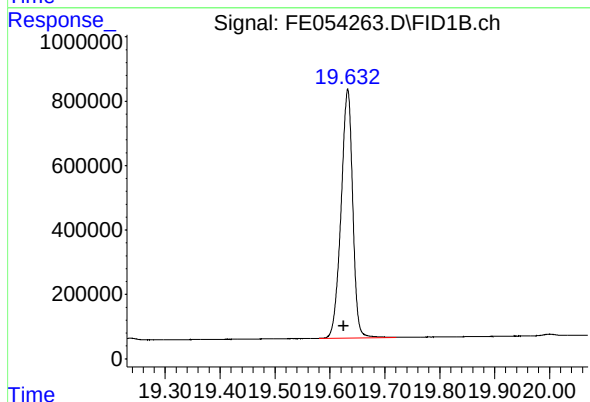
R.T.: 18.013 min
Delta R.T.: 0.007 min
Response: 11241705
Conc: 92.52 ug/ml

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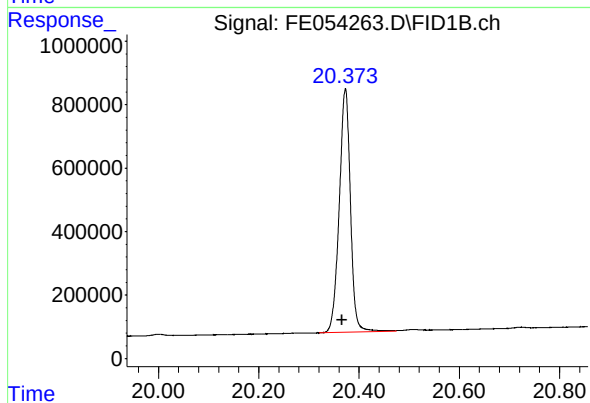
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: 0.008 min
Response: 11408878
Conc: 92.69 ug/ml



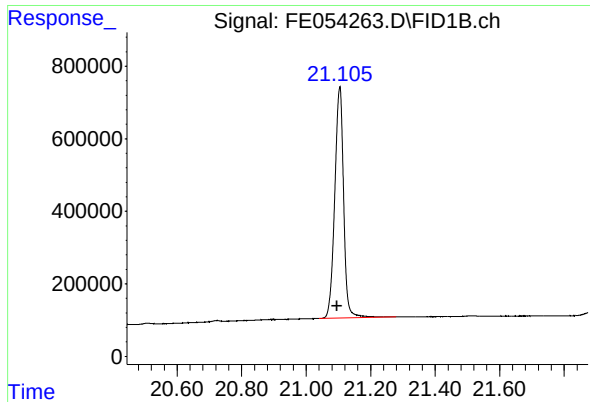
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: 0.007 min
Response: 11373554
Conc: 92.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: 0.007 min
Response: 11880778
Conc: 93.22 ug/ml



#21 n-Octatriacontane (C38)

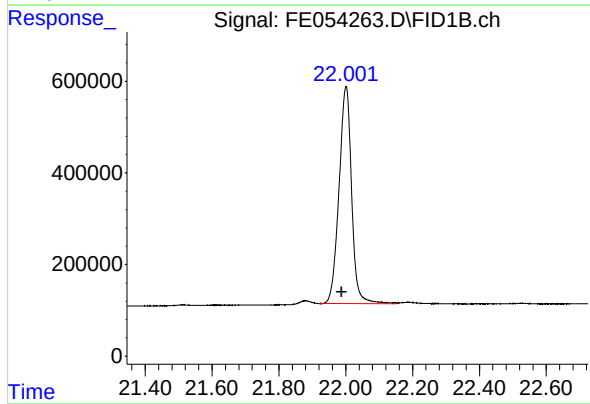
R.T.: 21.104 min
Delta R.T.: 0.008 min
Response: 12172753
Conc: 93.00 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.013 min
Response: 12401130
Conc: 93.17 ug/ml