

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
 Data File : FG014356.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 18:18
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 01 09:14:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:12:59 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)	11.819	13802767	101.159 ug/ml
Spiked Amount 50.000		Recovery =	202.32%
12) S 1-chlorooctadecane (S...	13.263	10135284	102.357 ug/ml
Spiked Amount 50.000		Recovery =	204.71%
Target Compounds			
1) T n-Nonane (C9)	3.196	12501236	101.415 ug/ml
2) T n-Decane (C10)	4.445	12715098	101.313 ug/ml
3) T A~Naphthalene (C11.7)	6.145	13275031	106.544 ug/ml
4) T n-Dodecane (C12)	6.617	12715424	102.084 ug/ml
5) T A~2-methylnaphthalene...	7.244	12644668	114.834 ug/ml
6) T n-Tetradecane (C14)	8.449	12604043	103.100 ug/ml
7) T n-Hexadecane (C16)	10.060	12879437	101.908 ug/ml
8) T n-Octadecane (C18)	11.509	13009516	100.726 ug/ml
10) T n-Eicosane (C20)	12.821	12414103	100.895 ug/ml
11) T n-Heneicosane (C21)	13.433	12177491	100.880 ug/ml
13) T n-Docosane (C22)	14.022	12115358	101.687 ug/ml
14) T n-Tetracosane (C24)	15.127	12068092	102.492 ug/ml
15) T n-Hexacosane (C26)	16.151	11771539	102.396 ug/ml
16) T n-Octacosane (C28)	17.102	11457690	101.936 ug/ml
17) T n-Tricontane (C30)	17.992	11405458	99.103 ug/ml
18) T n-Dotriacontane (C32)	18.827	10775403	96.747 ug/ml
19) T n-Tetratriacontane (C34)	19.612	9297388	94.992 ug/ml
20) T n-Hexatriacontane (C36)	20.352	7812549	88.984 ug/ml
21) T n-Octatriacontane (C38)	21.082	6886555	90.128 ug/ml
22) T n-Tetracontane (C40)	21.971	5831798	85.636 ug/ml

(f)=RT Delta > 1/2 Window

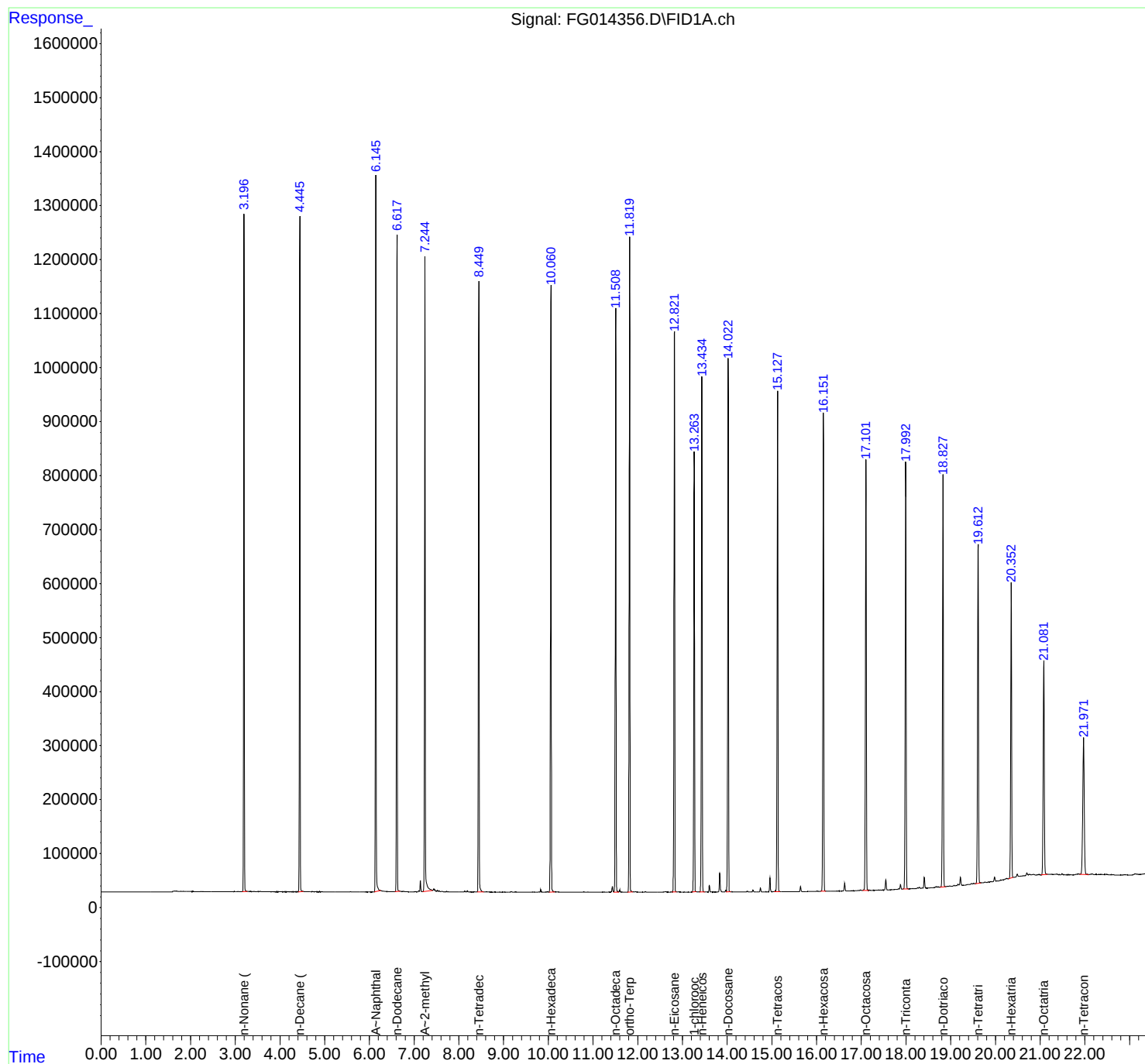
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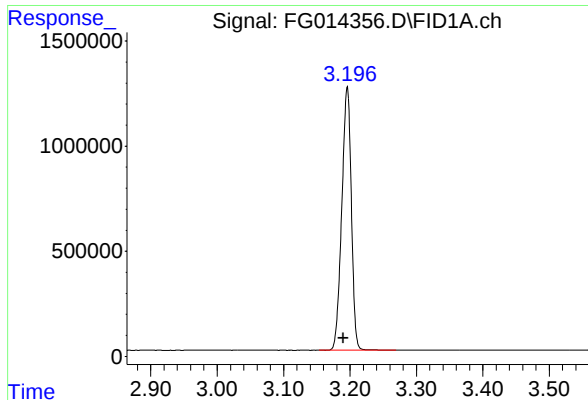
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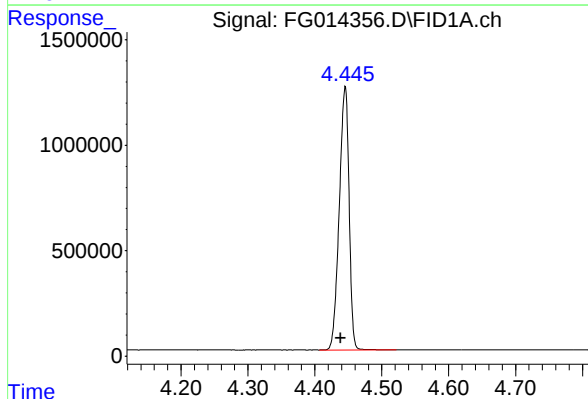




#1 n-Nonane (C9)

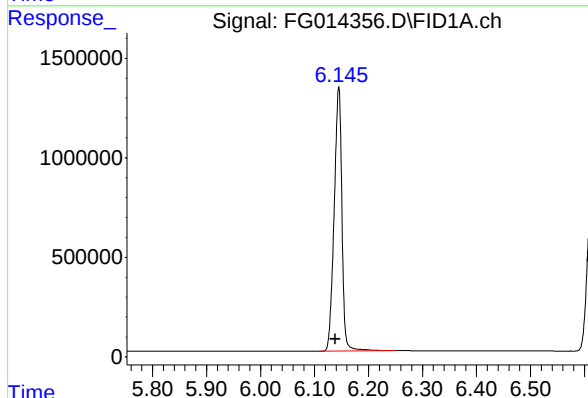
R.T.: 3.196 min
Delta R.T.: 0.006 min
Response: 12501236
Conc: 101.42 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



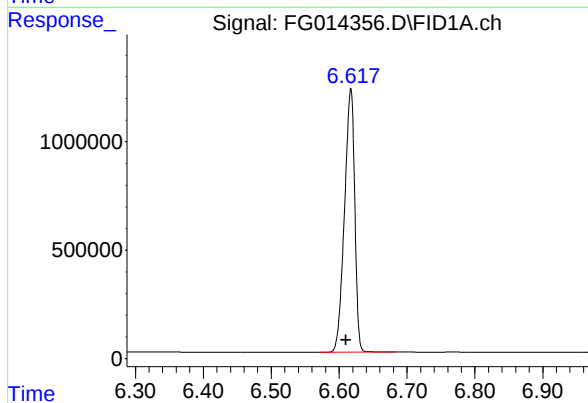
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: 0.007 min
Response: 12715098
Conc: 101.31 ug/ml



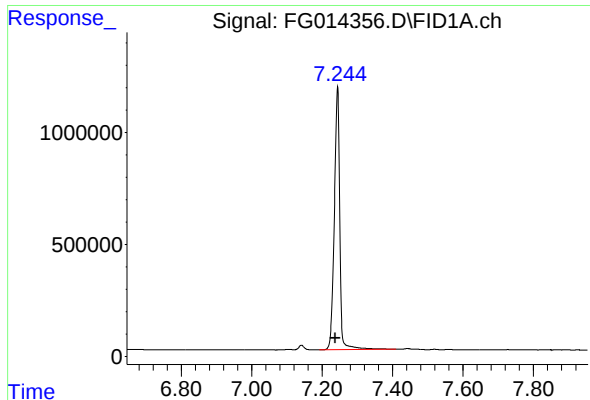
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.006 min
Response: 13275031
Conc: 106.54 ug/ml



#4 n-Dodecane (C12)

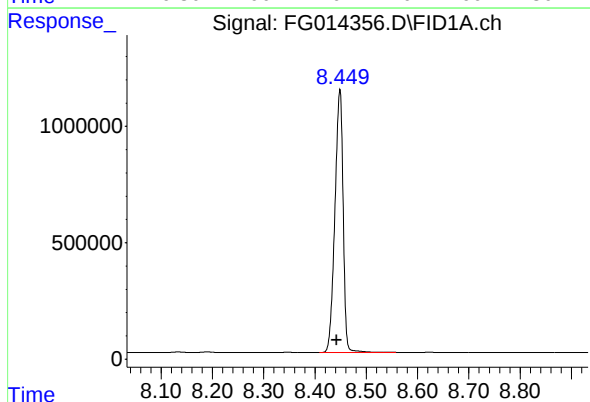
R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 12715424
Conc: 102.08 ug/ml



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

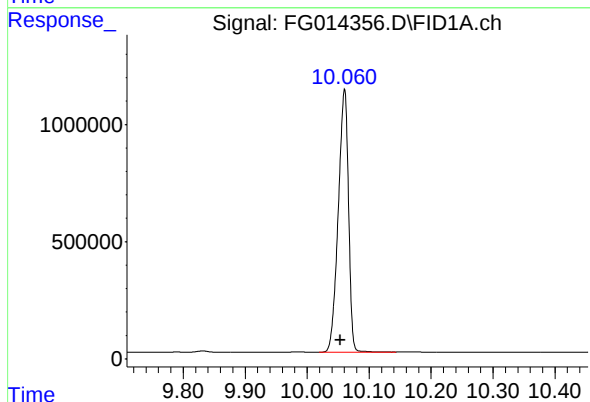
R.T.: 7.244 min
Delta R.T.: 0.007 min
Response: 12644668
Conc: 114.83 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



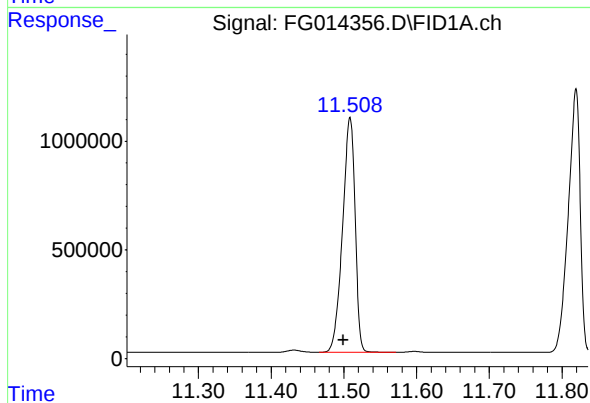
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: 0.007 min
Response: 12604043
Conc: 103.10 ug/ml



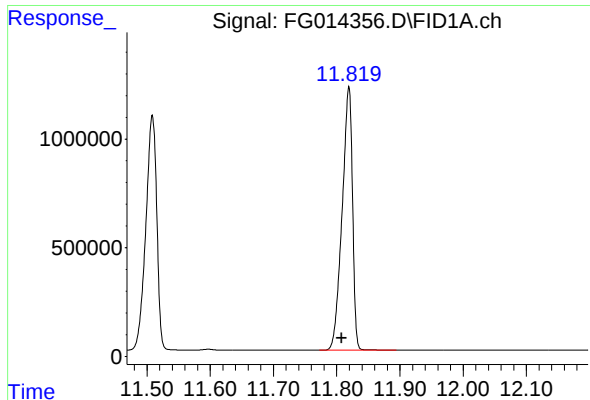
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: 0.007 min
Response: 12879437
Conc: 101.91 ug/ml



#8 n-Octadecane (C18)

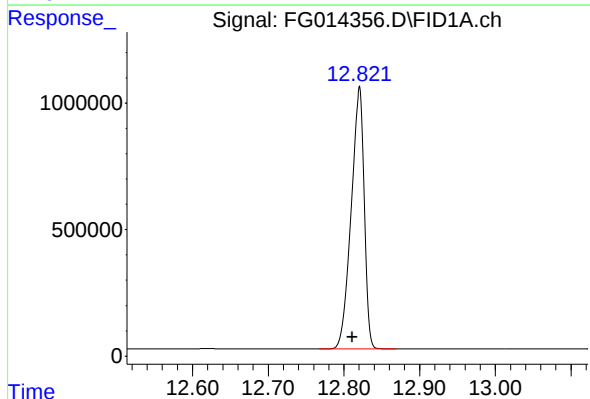
R.T.: 11.509 min
Delta R.T.: 0.009 min
Response: 13009516
Conc: 100.73 ug/ml



#9 ortho-Terphenyl (SURR)

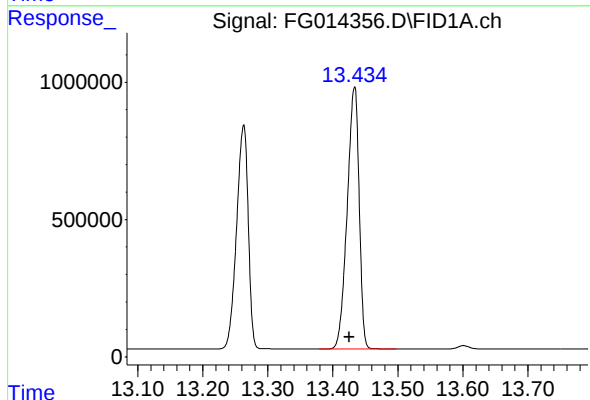
R.T.: 11.819 min
Delta R.T.: 0.011 min
Response: 13802767
Conc: 101.16 ug/ml

Instrument :
FID_G
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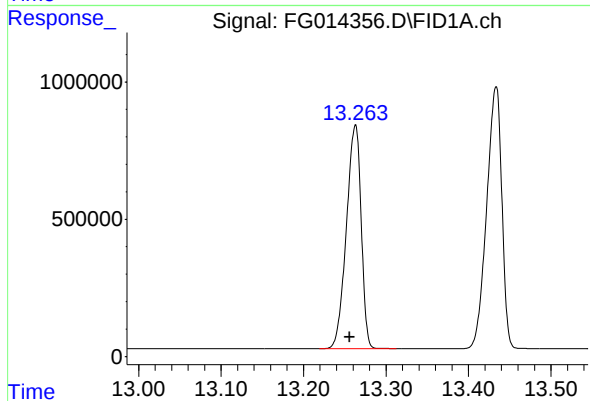
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: 0.010 min
Response: 12414103
Conc: 100.90 ug/ml



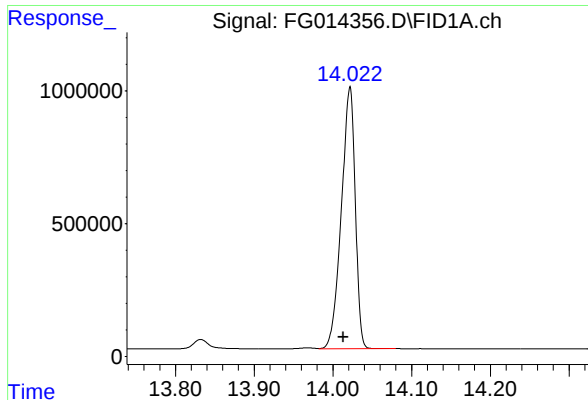
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.008 min
Response: 12177491
Conc: 100.88 ug/ml



#12 1-chlorooctadecane (SURR)

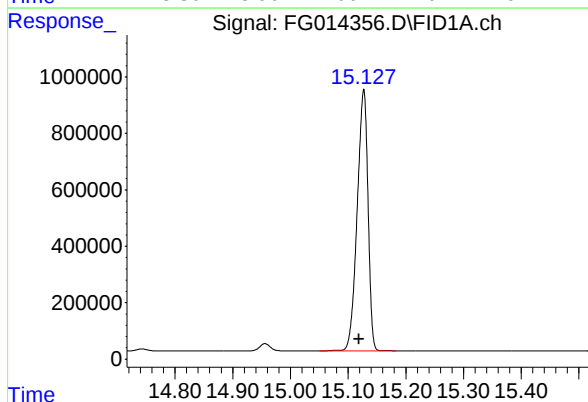
R.T.: 13.263 min
Delta R.T.: 0.007 min
Response: 10135284
Conc: 102.36 ug/ml



#13 n-Docosane (C22)

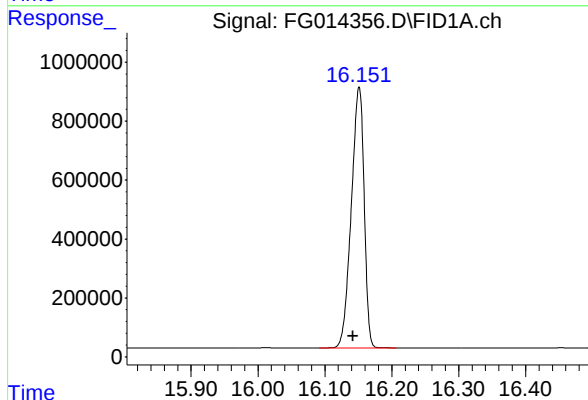
R.T.: 14.022 min
Delta R.T.: 0.008 min
Response: 12115358
Conc: 101.69 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



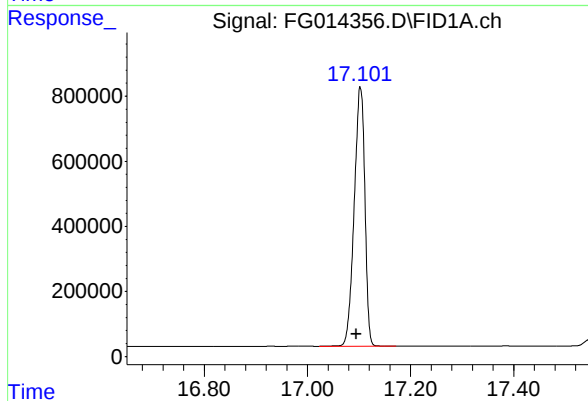
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: 0.008 min
Response: 12068092
Conc: 102.49 ug/ml



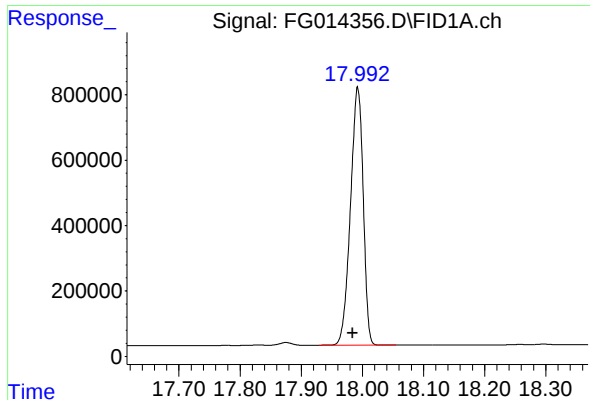
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: 0.009 min
Response: 11771539
Conc: 102.40 ug/ml



#16 n-Octacosane (C28)

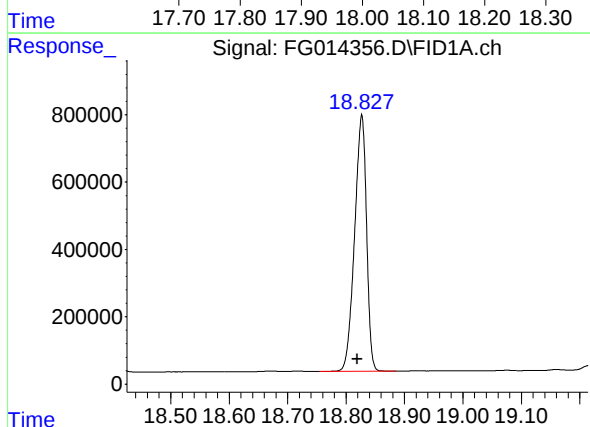
R.T.: 17.102 min
Delta R.T.: 0.008 min
Response: 11457690
Conc: 101.94 ug/ml



#17 n-Tricontane (C30)

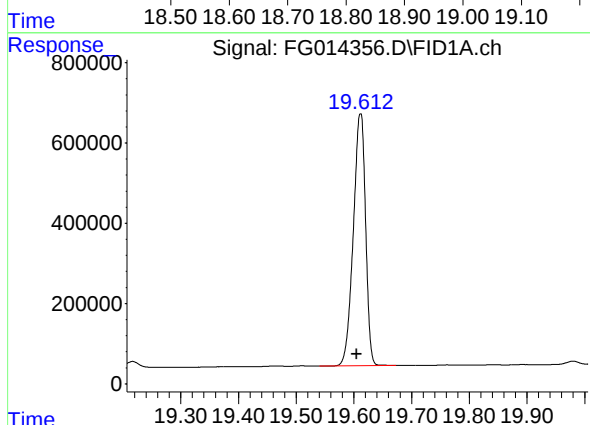
R.T.: 17.992 min
Delta R.T.: 0.008 min
Response: 11405458
Conc: 99.10 ug/ml

Instrument :
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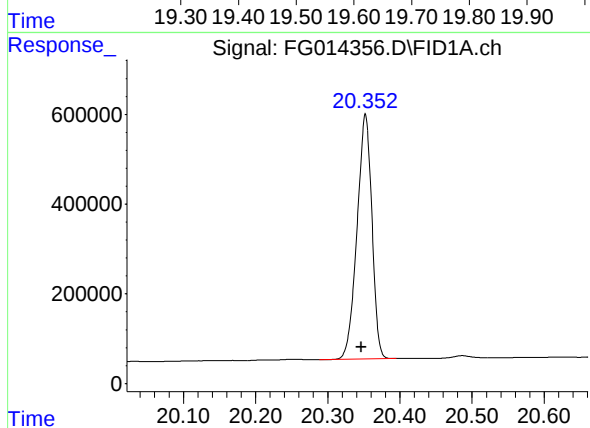
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: 0.008 min
Response: 10775403
Conc: 96.75 ug/ml



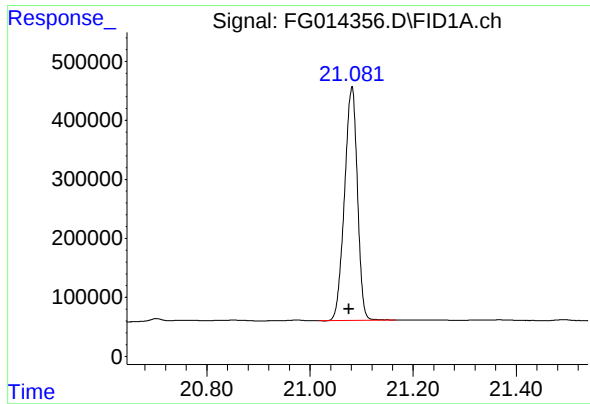
#19 n-Tetatriacontane (C34)

R.T.: 19.612 min
Delta R.T.: 0.007 min
Response: 9297388
Conc: 94.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: 0.006 min
Response: 7812549
Conc: 88.98 ug/ml



#21 n-Octatriacontane (C38)

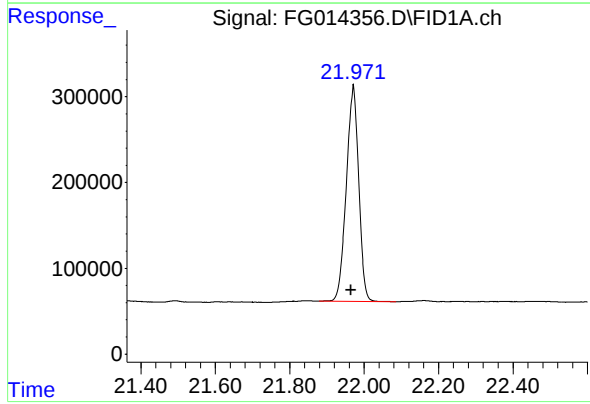
R.T.: 21.082 min
Delta R.T.: 0.006 min
Response: 6886555
Conc: 90.13 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.006 min
Response: 5831798
Conc: 85.64 ug/ml