

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041456.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 17:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 21 04:25:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 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)	11.983	17522222	97.221 ug/ml
Spiked Amount 50.000		Recovery =	194.44%
12) S 1-chlorooctadecane (S...	13.416	13294179	97.591 ug/ml
Spiked Amount 50.000		Recovery =	195.18%
Target Compounds			
1) T n-Nonane (C9)	3.359	13796162	97.410 ug/ml
2) T n-Decane (C10)	4.610	14086350	97.418 ug/ml
3) T A~Naphthalene (C11.7)	6.314	15539600	97.399 ug/ml
4) T n-Dodecane (C12)	6.780	14295082	97.413 ug/ml
5) T A~2-methylnaphthalene...	7.412	15159473	97.418 ug/ml
6) T n-Tetradecane (C14)	8.609	14335388	97.532 ug/ml
7) T n-Hexadecane (C16)	10.218	14980443	97.342 ug/ml
8) T n-Octadecane (C18)	11.663	15373605	97.334 ug/ml
10) T n-Eicosane (C20)	12.972	15064070	97.343 ug/ml
11) T n-Heneicosane (C21)	13.584	14949273	97.406 ug/ml
13) T n-Docosane (C22)	14.171	14993780	97.558 ug/ml
14) T n-Tetracosane (C24)	15.274	15101151	97.476 ug/ml
15) T n-Hexacosane (C26)	16.295	14892058	97.748 ug/ml
16) T n-Octacosane (C28)	17.244	14466830	97.705 ug/ml
17) T n-Tricontane (C30)	18.131	14315563	97.789 ug/ml
18) T n-Dotriacontane (C32)	18.962	13774797	96.583 ug/ml
19) T n-Tetratriacontane (C34)	19.744	13129479	97.048 ug/ml
20) T n-Hexatriacontane (C36)	20.483	12430765	97.026 ug/ml
21) T n-Octatriacontane (C38)	21.234	12004166	96.435 ug/ml
22) T n-Tetracontane (C40)	22.172	11658577	96.792 ug/ml

(f)=RT Delta > 1/2 Window

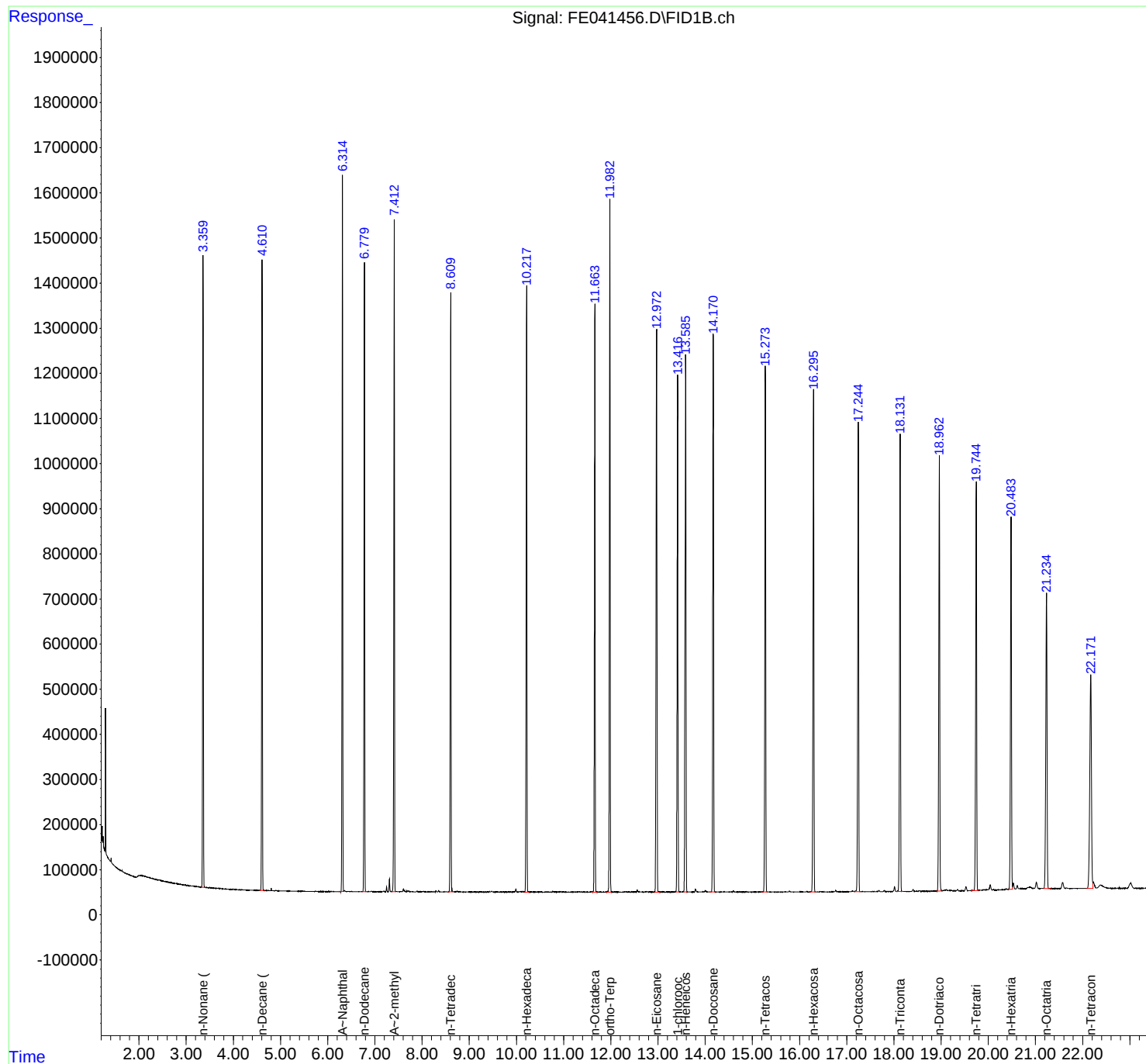
(m)=manual int.

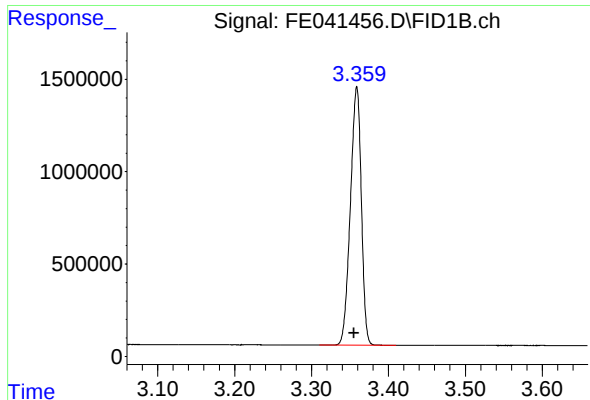
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
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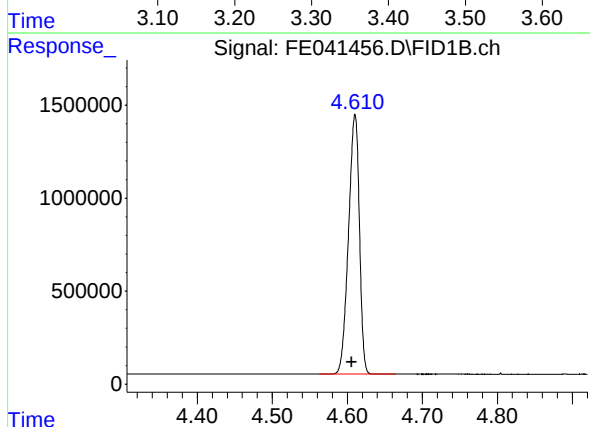




#1 n-Nonane (C9)

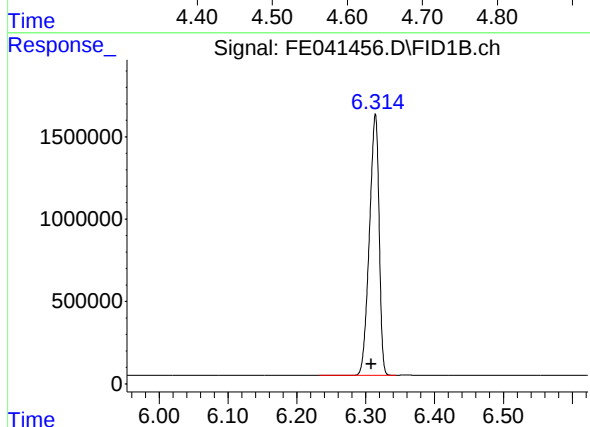
R.T.: 3.359 min
Delta R.T.: 0.004 min
Response: 13796162
Conc: 97.41 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



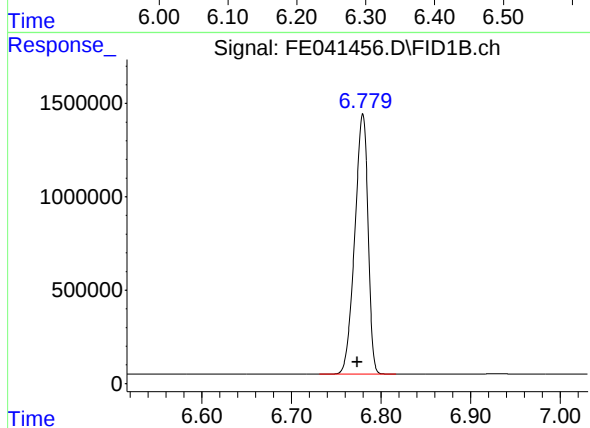
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 14086350
Conc: 97.42 ug/ml



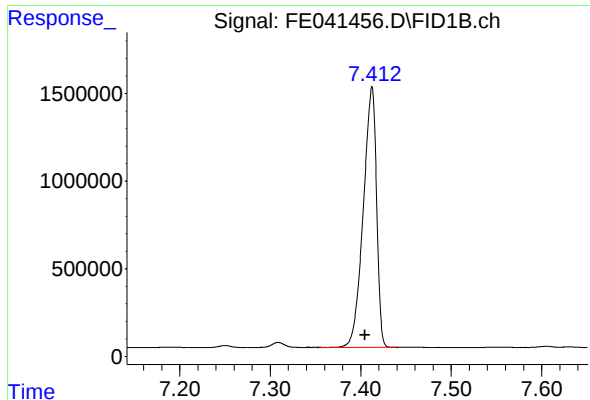
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 15539600
Conc: 97.40 ug/ml



#4 n-Dodecane (C12)

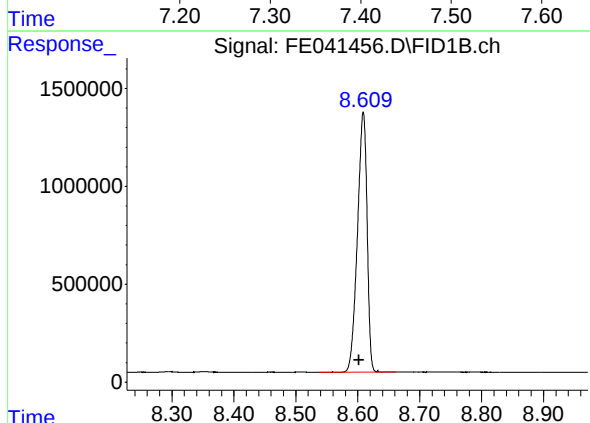
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 14295082
Conc: 97.41 ug/ml



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

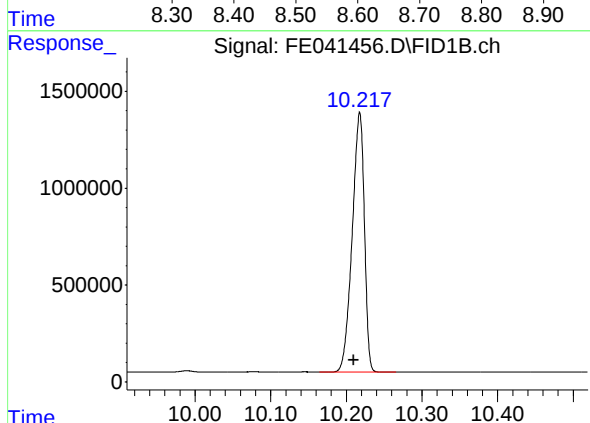
R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 15159473
Conc: 97.42 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



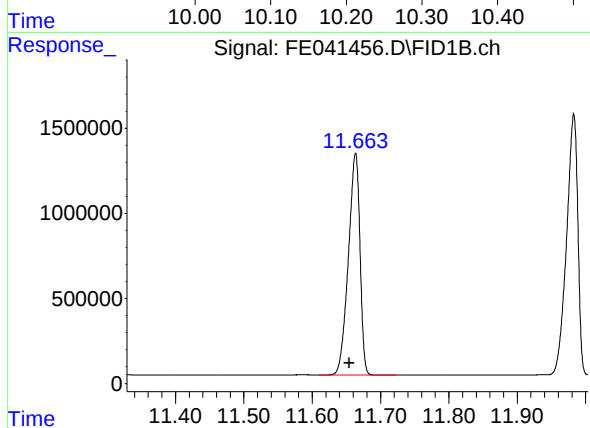
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.007 min
Response: 14335388
Conc: 97.53 ug/ml



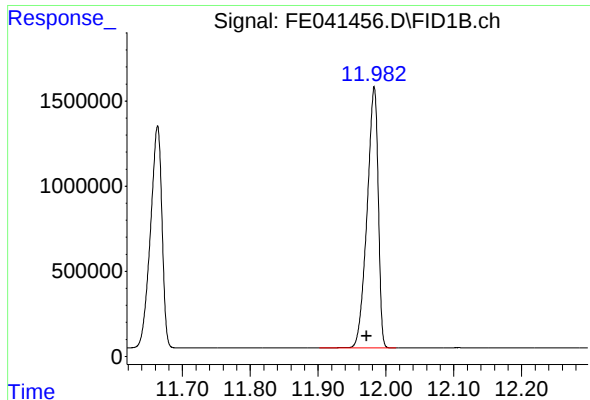
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.008 min
Response: 14980443
Conc: 97.34 ug/ml



#8 n-Octadecane (C18)

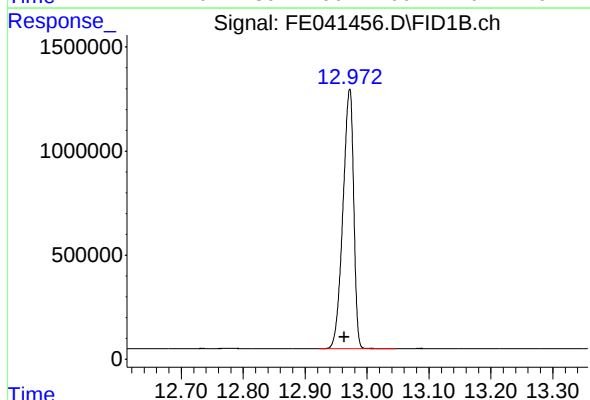
R.T.: 11.663 min
Delta R.T.: 0.010 min
Response: 15373605
Conc: 97.33 ug/ml



#9 ortho-Terphenyl (SURR)

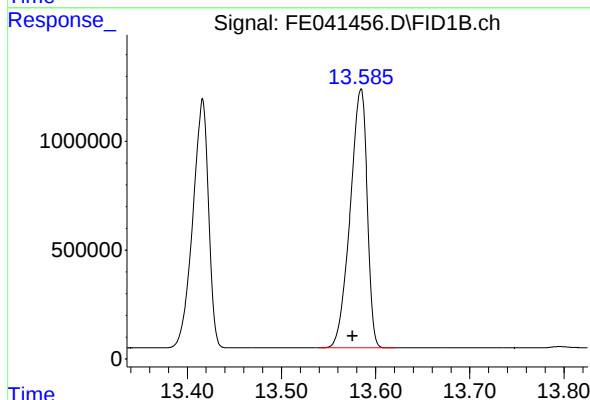
R.T.: 11.983 min
Delta R.T.: 0.011 min
Response: 17522222
Conc: 97.22 ug/ml

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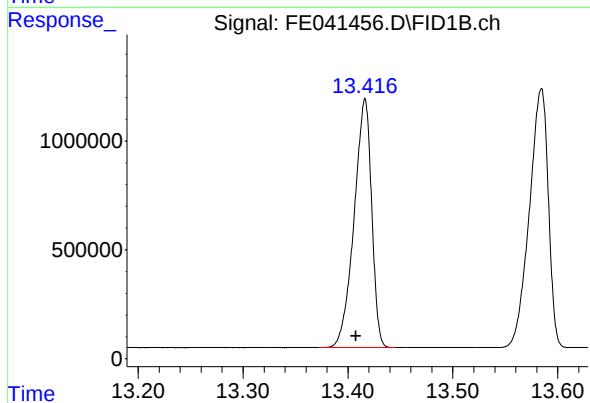
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.008 min
Response: 15064070
Conc: 97.34 ug/ml



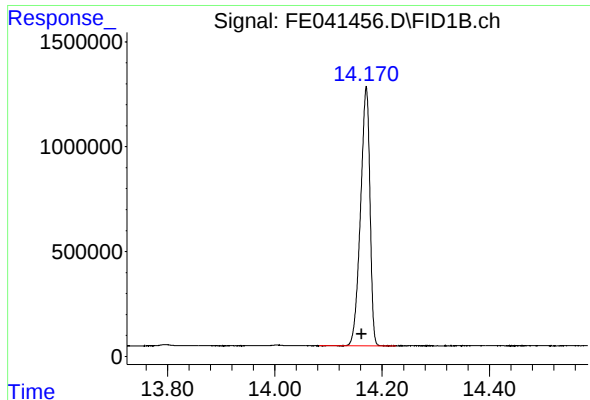
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.009 min
Response: 14949273
Conc: 97.41 ug/ml



#12 1-chlorooctadecane (SURR)

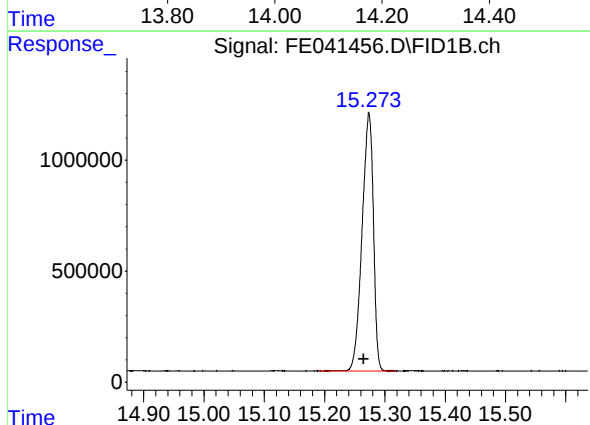
R.T.: 13.416 min
Delta R.T.: 0.009 min
Response: 13294179
Conc: 97.59 ug/ml



#13 n-Docosane (C22)

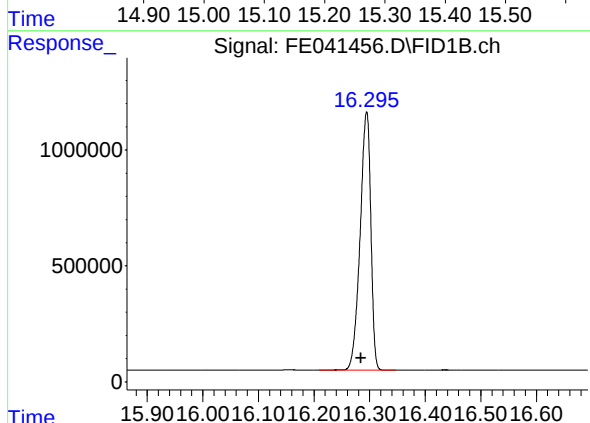
R.T.: 14.171 min
Delta R.T.: 0.009 min
Response: 14993780
Conc: 97.56 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



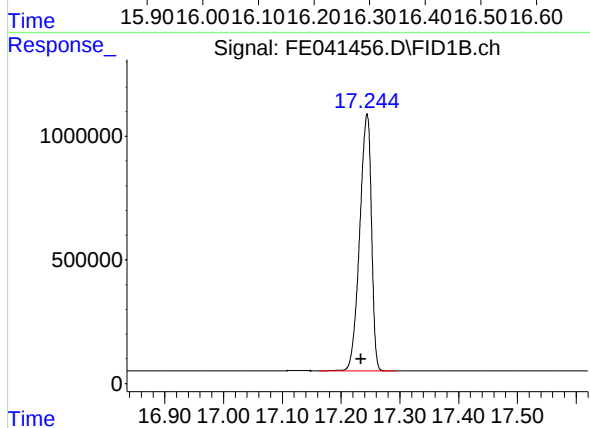
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.009 min
Response: 15101151
Conc: 97.48 ug/ml



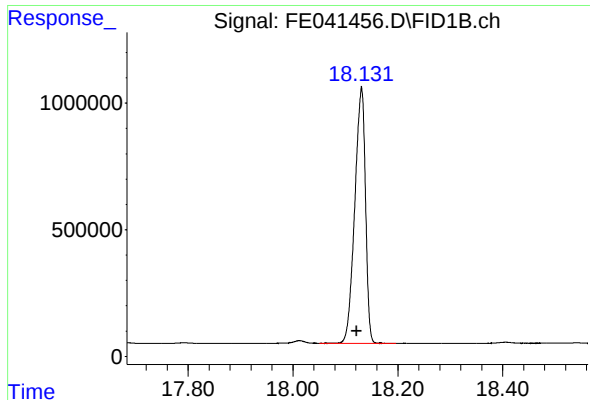
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.010 min
Response: 14892058
Conc: 97.75 ug/ml



#16 n-Octacosane (C28)

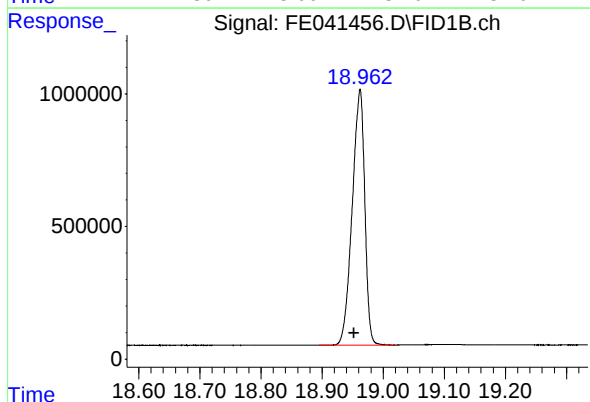
R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 14466830
Conc: 97.70 ug/ml



#17 n-Tricontane (C30)

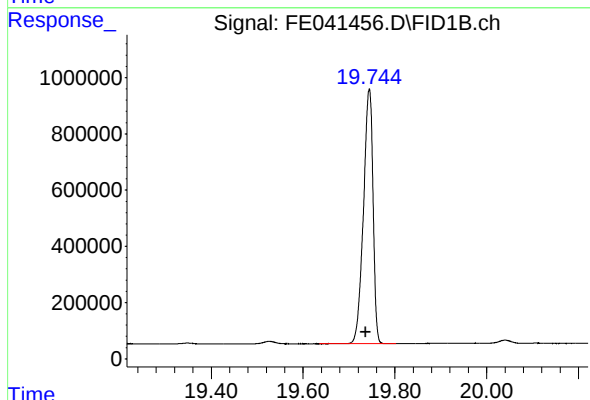
R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 14315563
Conc: 97.79 ug/ml

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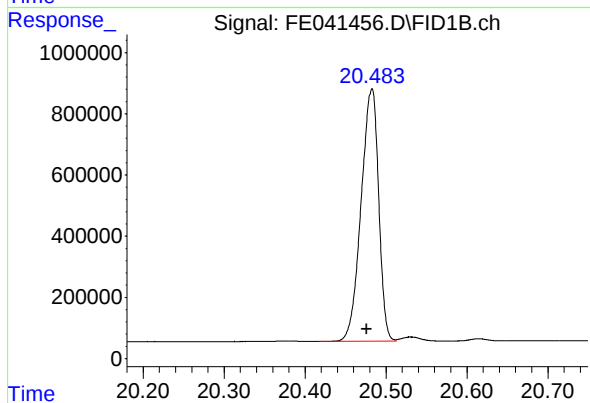
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.010 min
Response: 13774797
Conc: 96.58 ug/ml



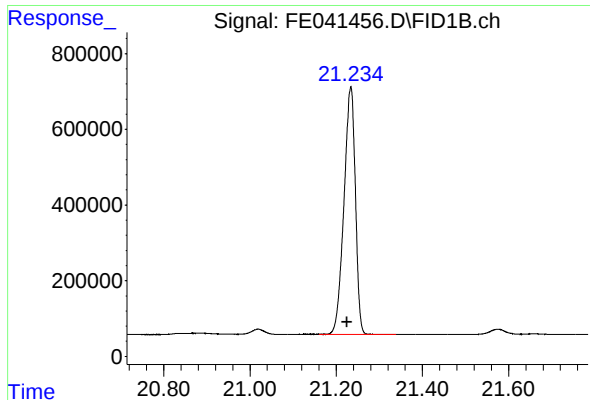
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 13129479
Conc: 97.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 12430765
Conc: 97.03 ug/ml



#21 n-Octatriacontane (C38)

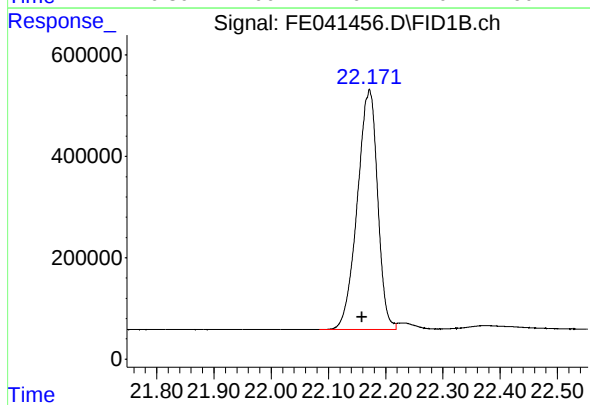
R.T.: 21.234 min
Delta R.T.: 0.009 min
Response: 12004166
Conc: 96.44 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.013 min
Response: 11658577
Conc: 96.79 ug/ml