

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042684.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 05:55
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 19 02:27:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:24:28 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)	11.950	18229758	95.339 ug/ml
Spiked Amount 50.000		Recovery =	190.68%
12) S 1-chlorooctadecane (S...	13.383	13604201	95.329 ug/ml
Spiked Amount 50.000		Recovery =	190.66%
Target Compounds			
1) T n-Nonane (C9)	3.321	14977564	96.052 ug/ml
2) T n-Decane (C10)	4.574	15353974	96.173 ug/ml
3) T A~Naphthalene (C11.7)	6.284	16936948	96.842 ug/ml
4) T n-Dodecane (C12)	6.744	15582963	96.083 ug/ml
5) T A~2-methylnaphthalene...	7.383	16461378	97.217 ug/ml
6) T n-Tetradecane (C14)	8.573	15473325	95.930 ug/ml
7) T n-Hexadecane (C16)	10.182	16019849	95.716 ug/ml
8) T n-Octadecane (C18)	11.628	16213773	95.383 ug/ml
10) T n-Eicosane (C20)	12.936	15586361	95.166 ug/ml
11) T n-Heneicosane (C21)	13.549	15277065	95.143 ug/ml
13) T n-Docosane (C22)	14.135	15102675	95.050 ug/ml
14) T n-Tetracosane (C24)	15.238	14716055	94.780 ug/ml
15) T n-Hexacosane (C26)	16.260	14050428	94.622 ug/ml
16) T n-Octacosane (C28)	17.210	13313570	94.672 ug/ml
17) T n-Tricontane (C30)	18.097	13045939	94.441 ug/ml
18) T n-Dotriacontane (C32)	18.931	12595075	94.573 ug/ml
19) T n-Tetratriacontane (C34)	19.714	12380718	95.206 ug/ml
20) T n-Hexatriacontane (C36)	20.454	12141100	95.941 ug/ml
21) T n-Octatriacontane (C38)	21.203	12327548	95.799 ug/ml
22) T n-Tetracontane (C40)	22.133	12492595	96.195 ug/ml

(f)=RT Delta > 1/2 Window

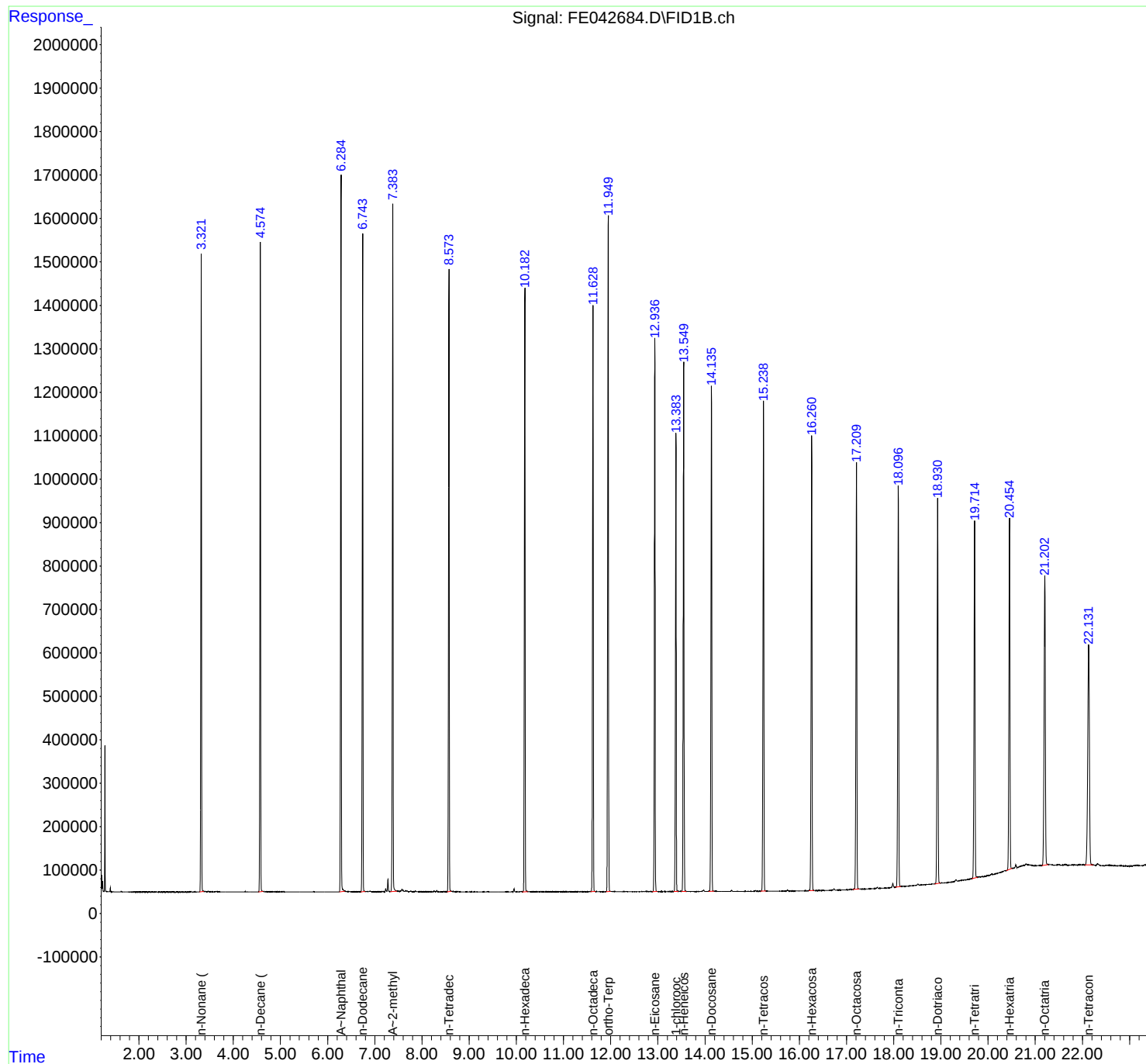
(m)=manual int.

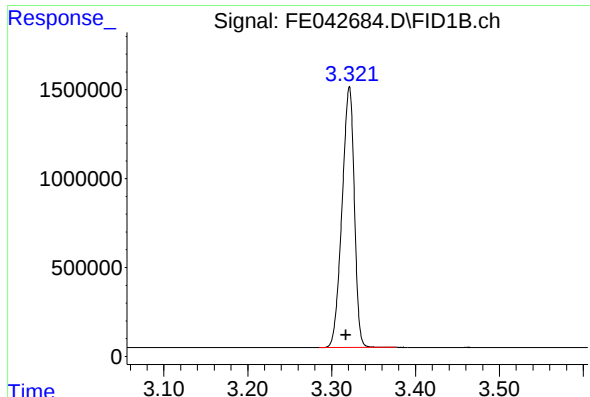
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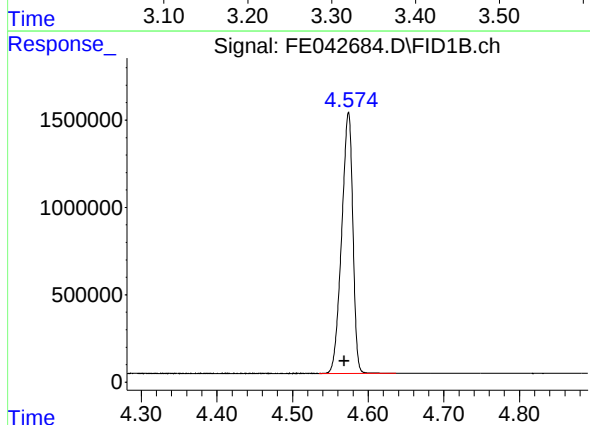




#1 n-Nonane (C9)

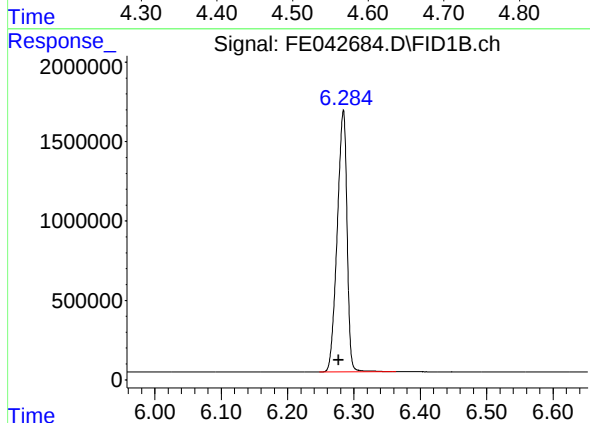
R.T.: 3.321 min
Delta R.T.: 0.004 min
Response: 14977564
Conc: 96.05 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



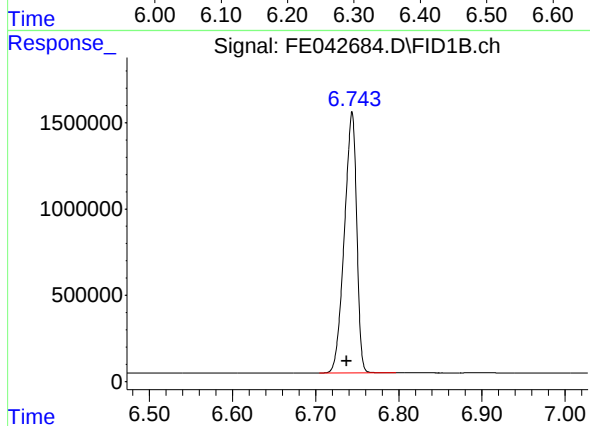
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.006 min
Response: 15353974
Conc: 96.17 ug/ml



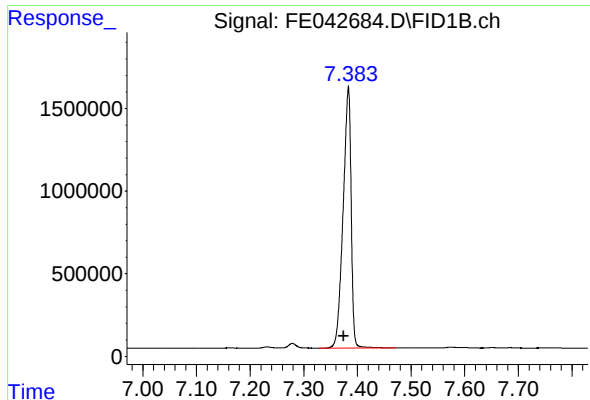
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 16936948
Conc: 96.84 ug/ml



#4 n-Dodecane (C12)

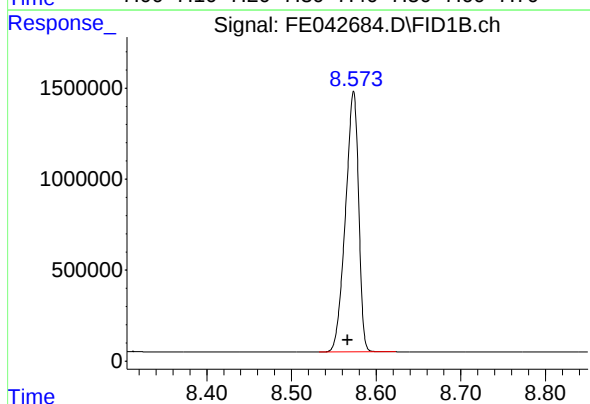
R.T.: 6.744 min
Delta R.T.: 0.007 min
Response: 15582963
Conc: 96.08 ug/ml



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

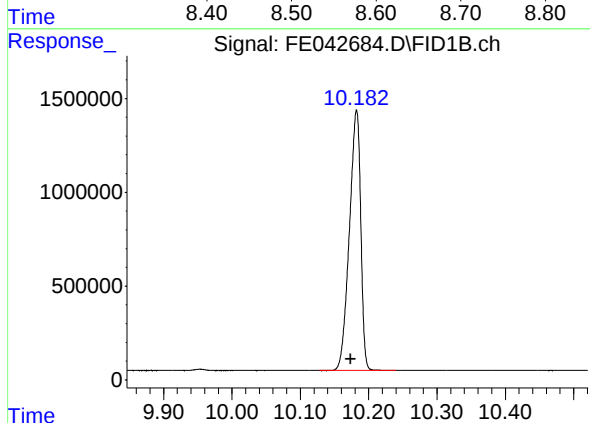
R.T.: 7.383 min
Delta R.T.: 0.009 min
Response: 16461378
Conc: 97.22 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



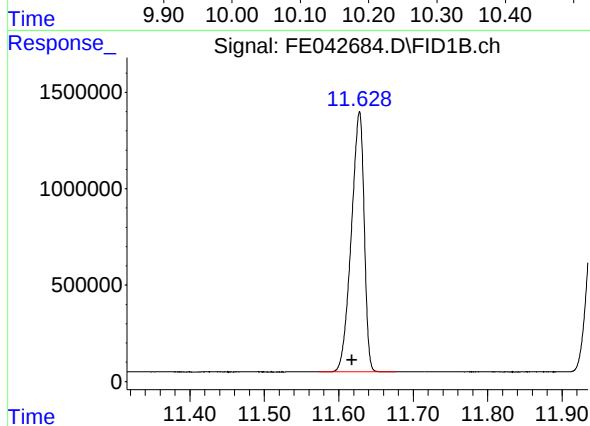
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 15473325
Conc: 95.93 ug/ml



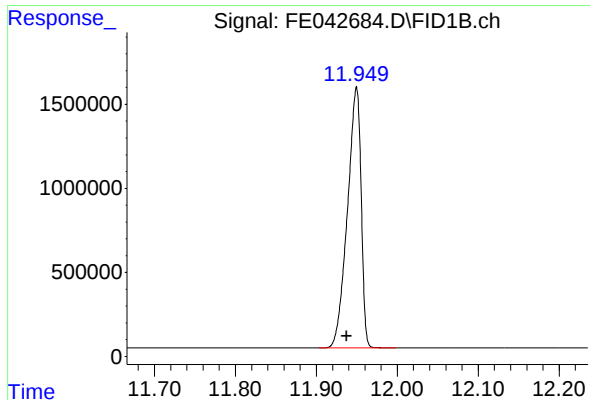
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.009 min
Response: 16019849
Conc: 95.72 ug/ml



#8 n-Octadecane (C18)

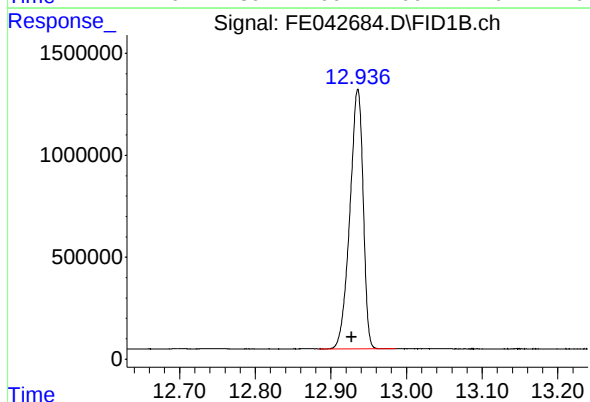
R.T.: 11.628 min
Delta R.T.: 0.010 min
Response: 16213773
Conc: 95.38 ug/ml



#9 ortho-Terphenyl (SURR)

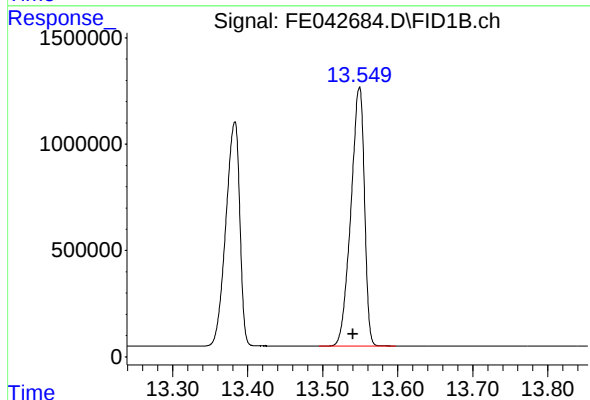
R.T.: 11.950 min
Delta R.T.: 0.012 min
Response: 18229758
Conc: 95.34 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



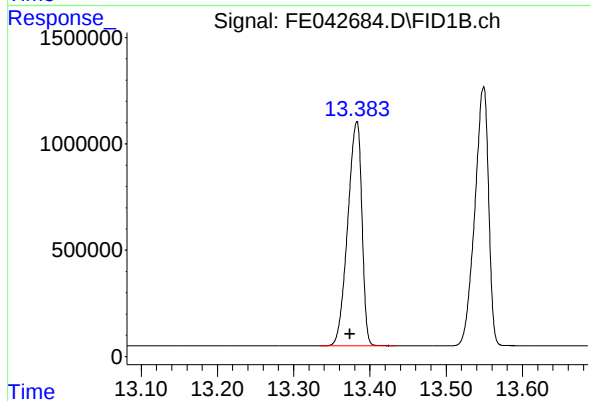
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: 0.008 min
Response: 15586361
Conc: 95.17 ug/ml



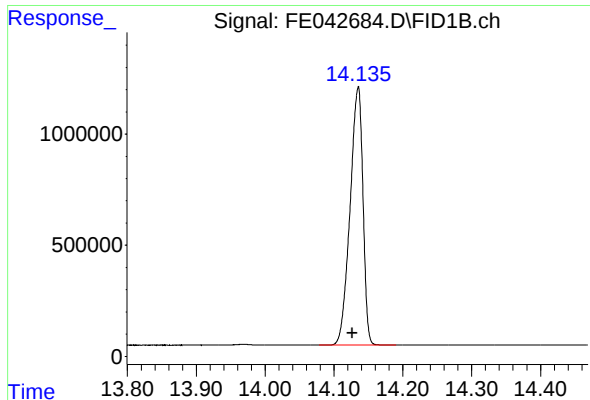
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.008 min
Response: 15277065
Conc: 95.14 ug/ml



#12 1-chlorooctadecane (SURR)

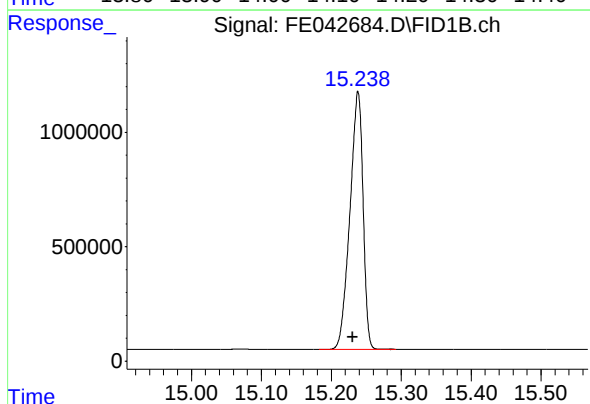
R.T.: 13.383 min
Delta R.T.: 0.009 min
Response: 13604201
Conc: 95.33 ug/ml



#13 n-Docosane (C22)

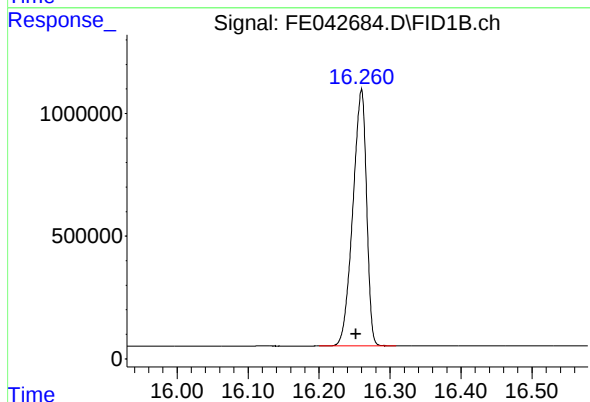
R.T.: 14.135 min
Delta R.T.: 0.008 min
Response: 15102675
Conc: 95.05 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



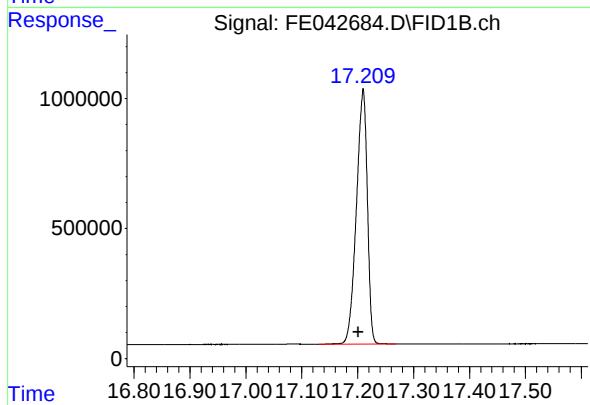
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.008 min
Response: 14716055
Conc: 94.78 ug/ml



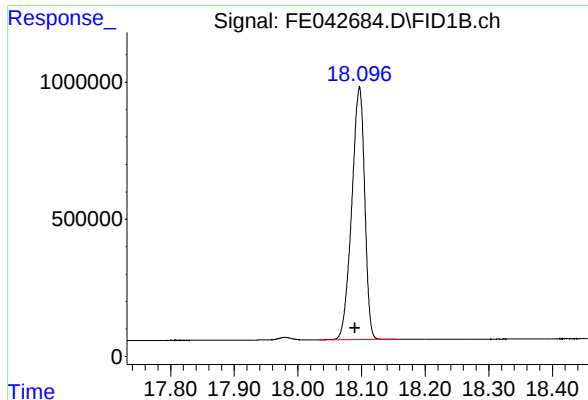
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.008 min
Response: 14050428
Conc: 94.62 ug/ml



#16 n-Octacosane (C28)

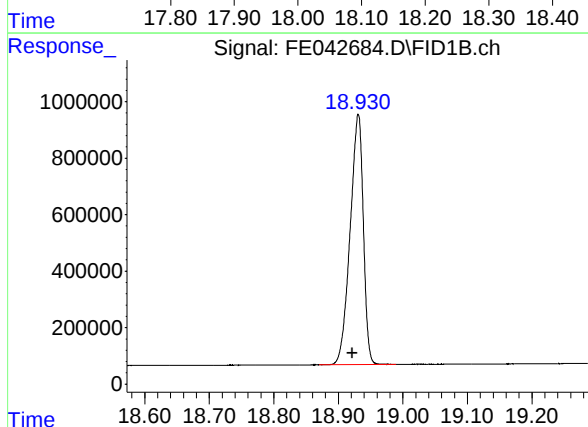
R.T.: 17.210 min
Delta R.T.: 0.009 min
Response: 13313570
Conc: 94.67 ug/ml



#17 n-Tricontane (C30)

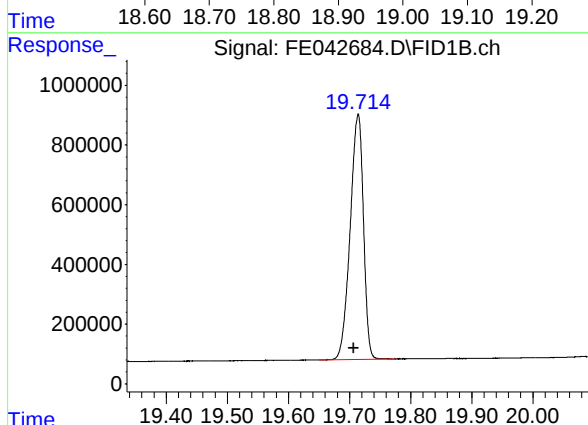
R.T.: 18.097 min
Delta R.T.: 0.007 min
Response: 13045939
Conc: 94.44 ug/ml

Instrument :
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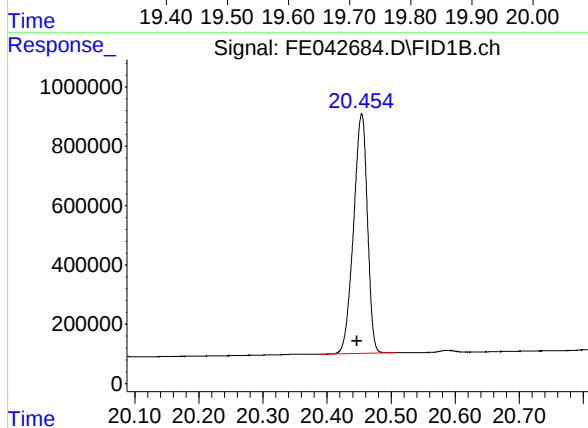
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: 0.009 min
Response: 12595075
Conc: 94.57 ug/ml



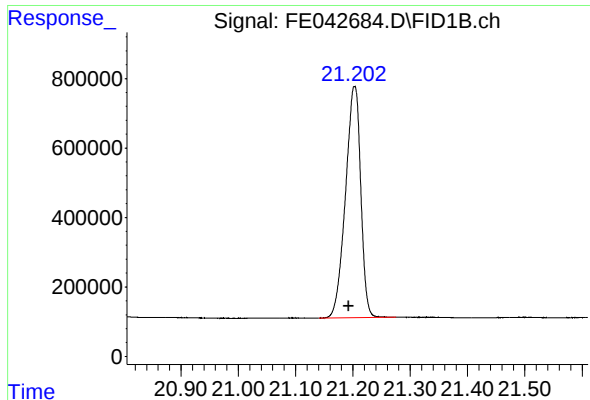
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.007 min
Response: 12380718
Conc: 95.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: 0.008 min
Response: 12141100
Conc: 95.94 ug/ml



#21 n-Octatriacontane (C38)

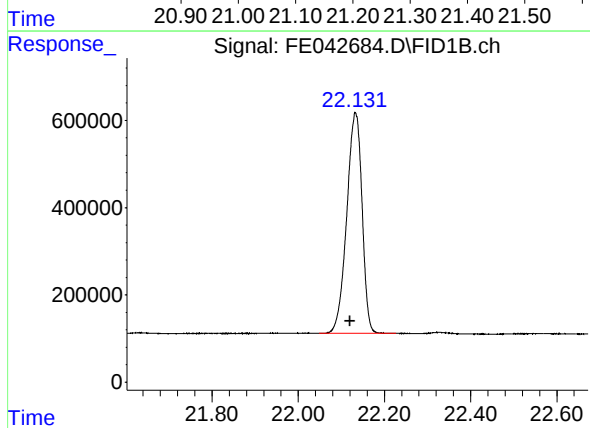
R.T.: 21.203 min
Delta R.T.: 0.011 min
Response: 12327548
Conc: 95.80 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: 0.012 min
Response: 12492595
Conc: 96.19 ug/ml