

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051666.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 11:09
 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: Dec 17 12:56:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 12:55:12 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)	12.022	15090193	92.277 ug/ml
Spiked Amount 50.000		Recovery =	184.55%
12) S 1-chlorooctadecane (S...	13.440	11704671	92.063 ug/ml
Spiked Amount 50.000		Recovery =	184.13%
Target Compounds			
1) T n-Nonane (C9)	3.494	11334964	93.761 ug/ml
2) T n-Decane (C10)	4.725	11794619	93.917 ug/ml
3) T A~Naphthalene (C11.7)	6.411	13548378	93.884 ug/ml
4) T n-Dodecane (C12)	6.859	12407529	94.063 ug/ml
5) T A~2-methylnaphthalene...	7.494	13480303	93.911 ug/ml
6) T n-Tetradecane (C14)	8.670	12796763	93.843 ug/ml
7) T n-Hexadecane (C16)	10.265	13585460	93.250 ug/ml
8) T n-Octadecane (C18)	11.699	13938130	92.431 ug/ml
10) T n-Eicosane (C20)	12.998	13494589	92.010 ug/ml
11) T n-Heneicosane (C21)	13.606	13265831	91.630 ug/ml
13) T n-Docosane (C22)	14.187	13142477	91.134 ug/ml
14) T n-Tetracosane (C24)	15.283	12898019	90.489 ug/ml
15) T n-Hexacosane (C26)	16.296	12458429	90.233 ug/ml
16) T n-Octacosane (C28)	17.239	11983776	88.833 ug/ml
17) T n-Tricontane (C30)	18.121	11920291	85.446 ug/ml
18) T n-Dotriacontane (C32)	18.947	11281789	79.954 ug/ml
19) T n-Tetratriacontane (C34)	19.724	9890212	82.489 ug/ml
20) T n-Hexatriacontane (C36)	20.457	8743039	85.840 ug/ml
21) T n-Octatriacontane (C38)	21.197	8330548	87.971 ug/ml
22) T n-Tetracontane (C40)	22.125	8768671	90.215 ug/ml

(f)=RT Delta > 1/2 Window

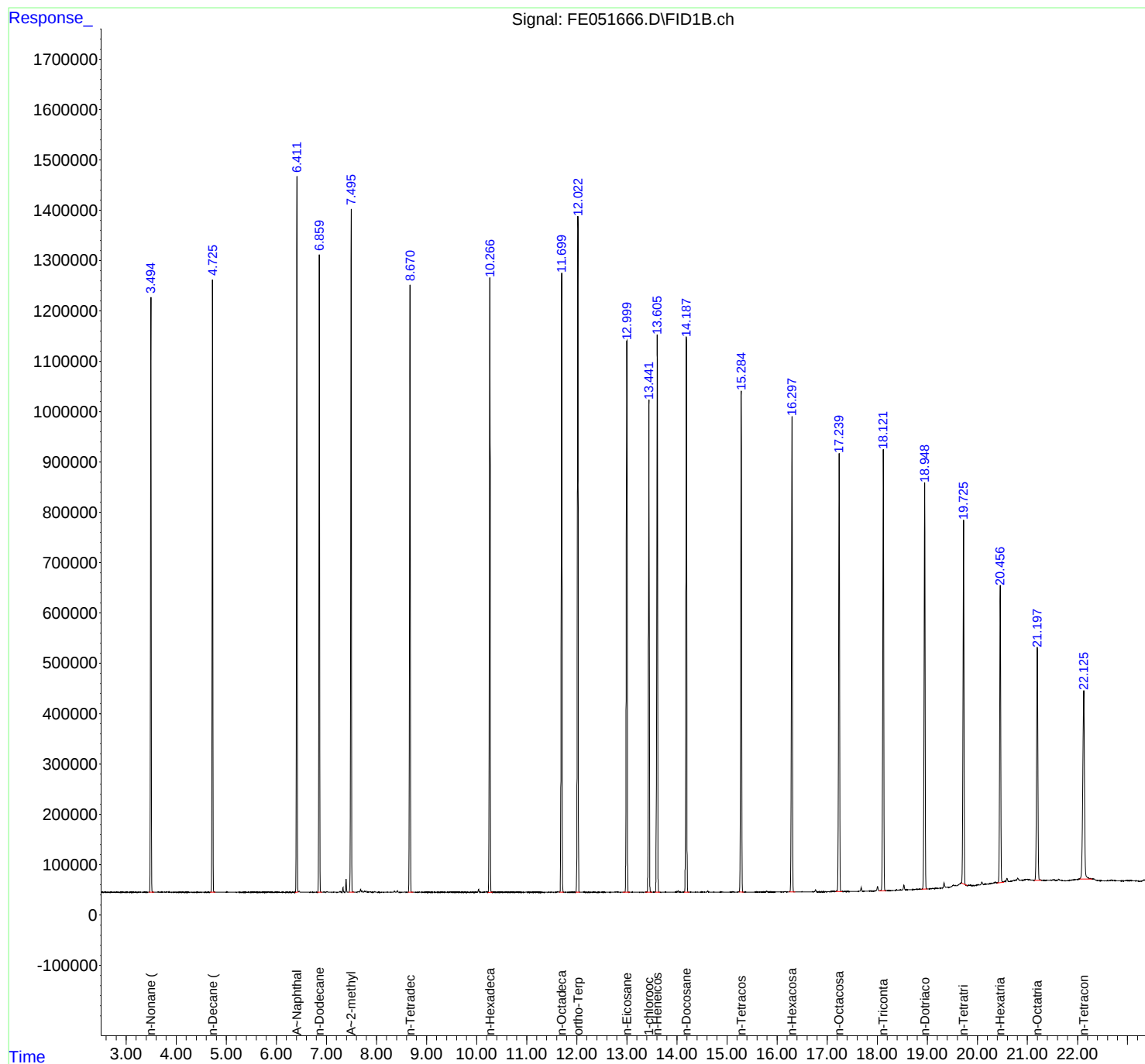
(m)=manual int.

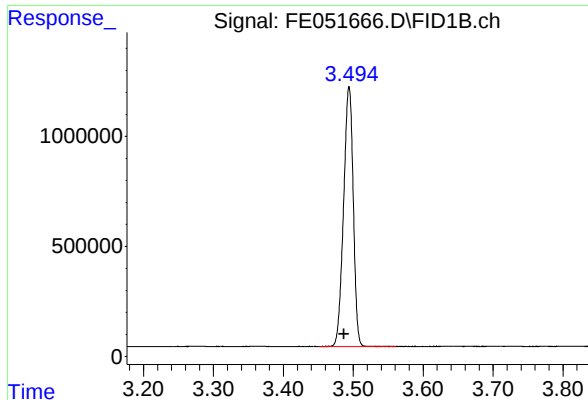
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
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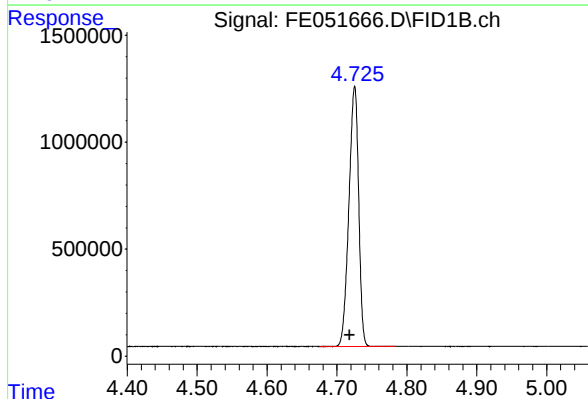




#1 n-Nonane (C9)

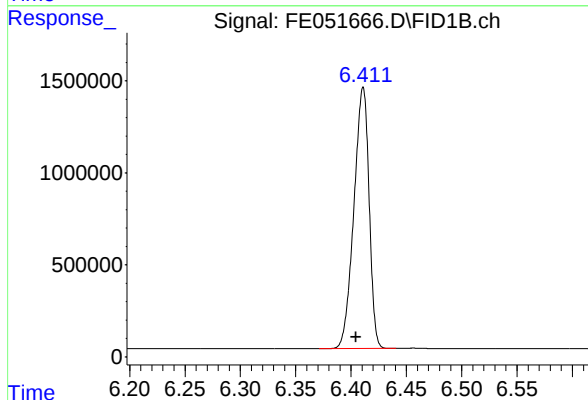
R.T.: 3.494 min
Delta R.T.: 0.007 min
Response: 11334964
Conc: 93.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



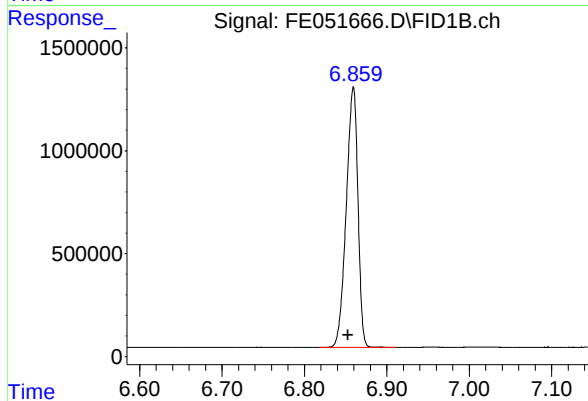
#2 n-Decane (C10)

R.T.: 4.725 min
Delta R.T.: 0.006 min
Response: 11794619
Conc: 93.92 ug/ml



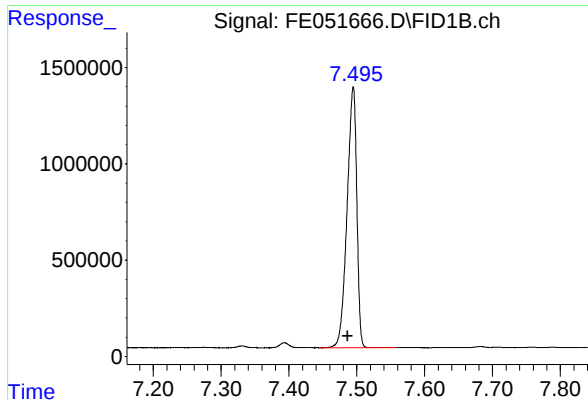
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min
Delta R.T.: 0.006 min
Response: 13548378
Conc: 93.88 ug/ml



#4 n-Dodecane (C12)

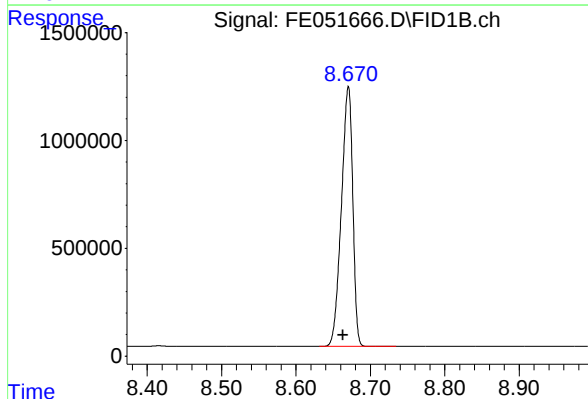
R.T.: 6.859 min
Delta R.T.: 0.006 min
Response: 12407529
Conc: 94.06 ug/ml



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

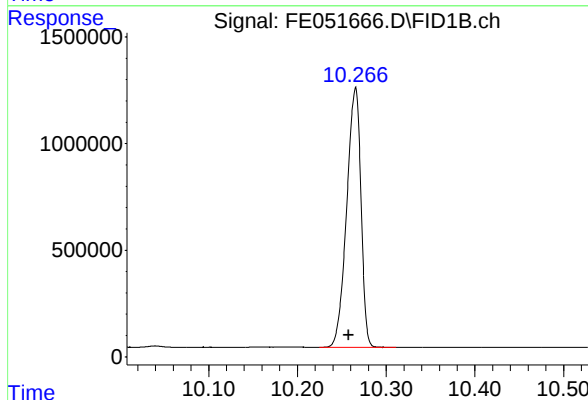
R.T.: 7.494 min
Delta R.T.: 0.008 min
Response: 13480303
Conc: 93.91 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



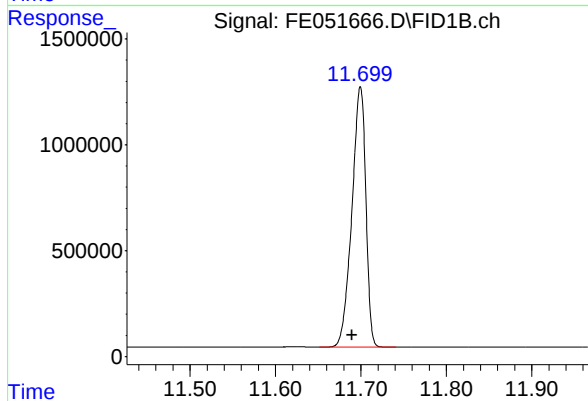
#6 n-Tetradecane (C14)

R.T.: 8.670 min
Delta R.T.: 0.007 min
Response: 12796763
Conc: 93.84 ug/ml



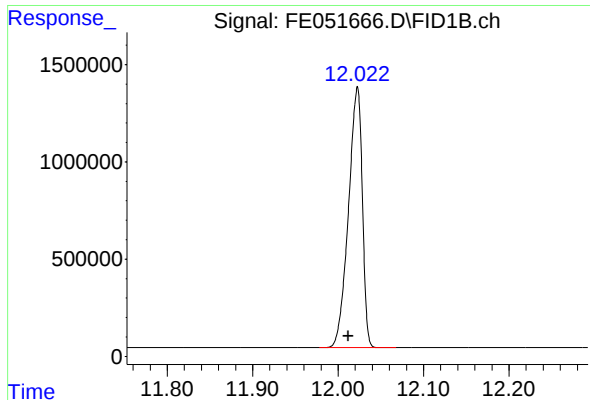
#7 n-Hexadecane (C16)

R.T.: 10.265 min
Delta R.T.: 0.007 min
Response: 13585460
Conc: 93.25 ug/ml



#8 n-Octadecane (C18)

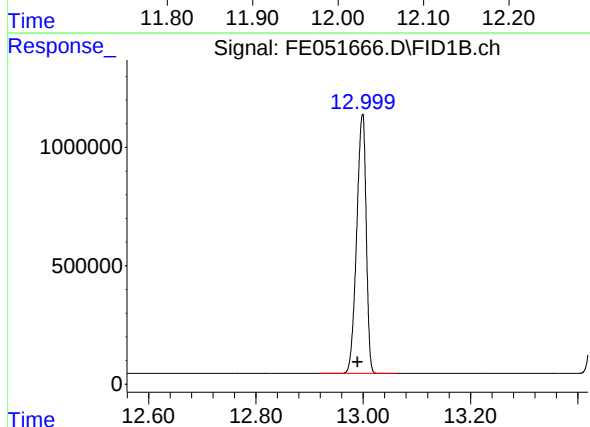
R.T.: 11.699 min
Delta R.T.: 0.009 min
Response: 13938130
Conc: 92.43 ug/ml



#9 ortho-Terphenyl (SURR)

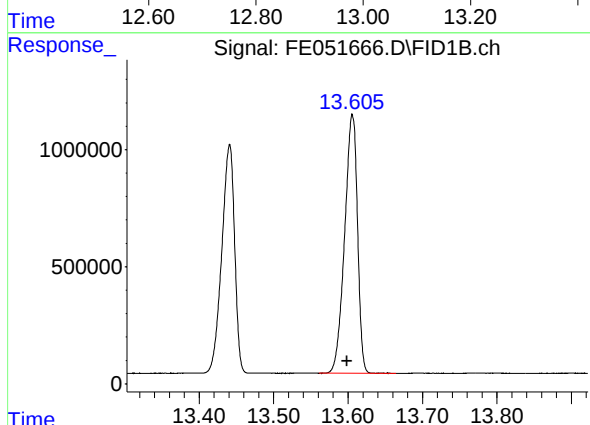
R.T.: 12.022 min
Delta R.T.: 0.010 min
Response: 15090193
Conc: 92.28 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



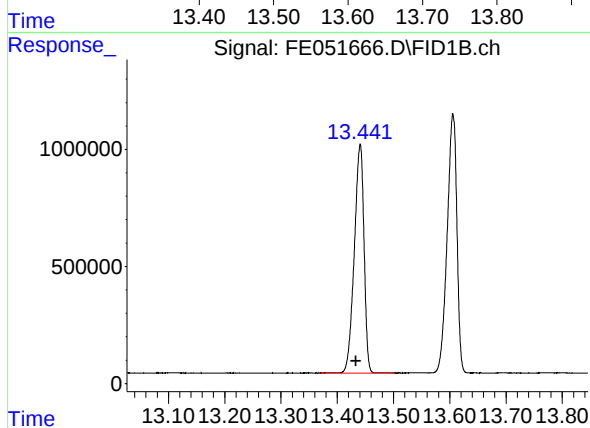
#10 n-Eicosane (C20)

R.T.: 12.998 min
Delta R.T.: 0.008 min
Response: 13494589
Conc: 92.01 ug/ml



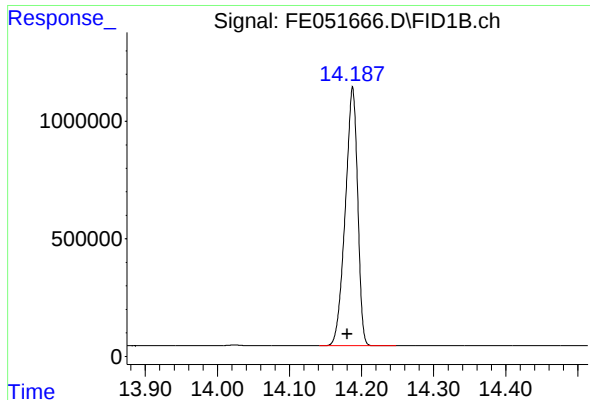
#11 n-Heneicosane (C21)

R.T.: 13.606 min
Delta R.T.: 0.007 min
Response: 13265831
Conc: 91.63 ug/ml



#12 1-chlorooctadecane (SURR)

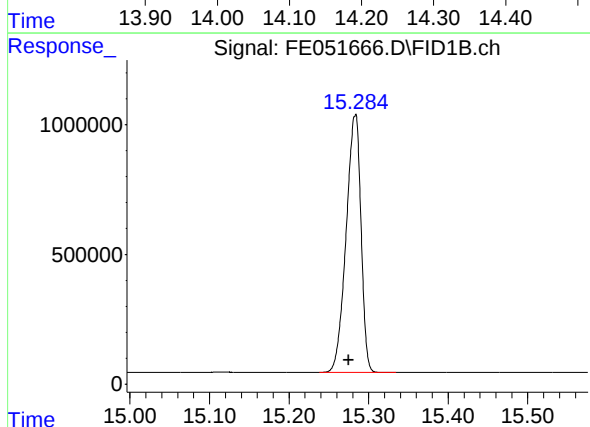
R.T.: 13.440 min
Delta R.T.: 0.007 min
Response: 11704671
Conc: 92.06 ug/ml



#13 n-Docosane (C22)

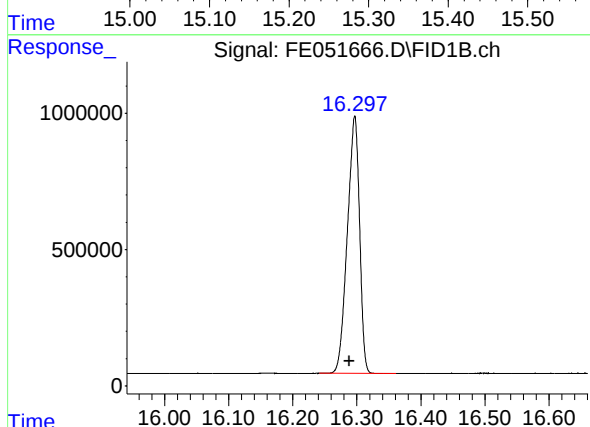
R.T.: 14.187 min
Delta R.T.: 0.007 min
Response: 13142477
Conc: 91.13 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



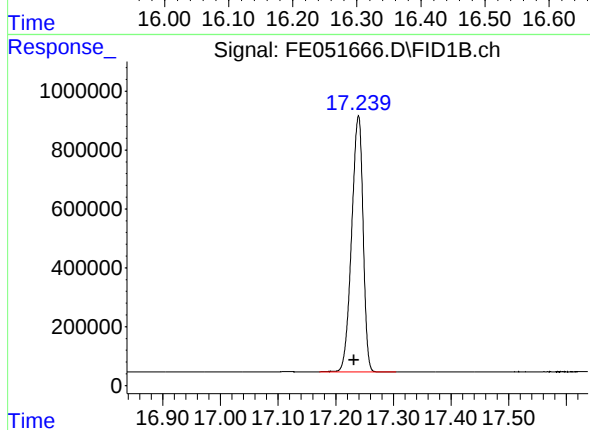
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.008 min
Response: 12898019
Conc: 90.49 ug/ml



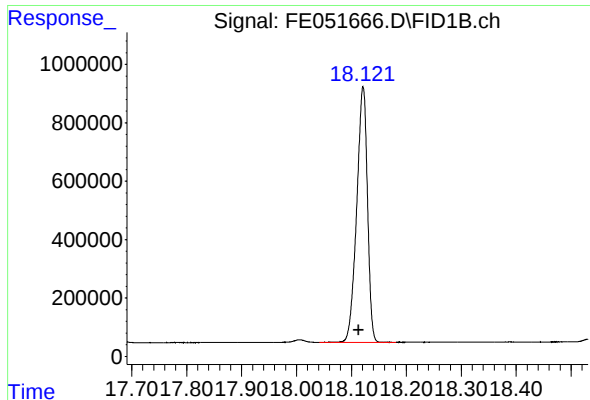
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.008 min
Response: 12458429
Conc: 90.23 ug/ml



#16 n-Octacosane (C28)

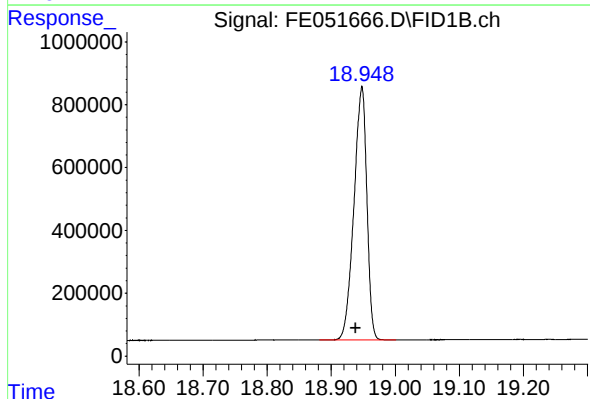
R.T.: 17.239 min
Delta R.T.: 0.008 min
Response: 11983776
Conc: 88.83 ug/ml



#17 n-Tricontane (C30)

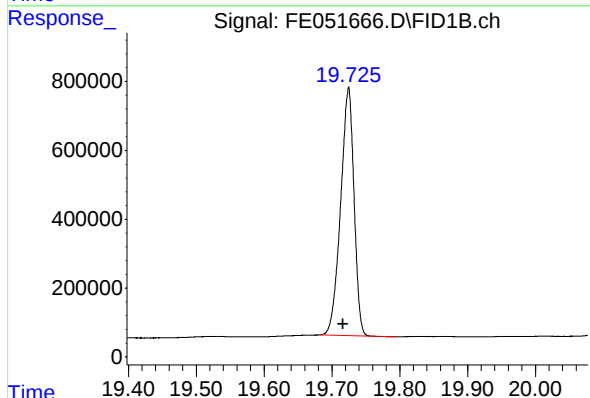
R.T.: 18.121 min
Delta R.T.: 0.008 min
Response: 11920291
Conc: 85.45 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



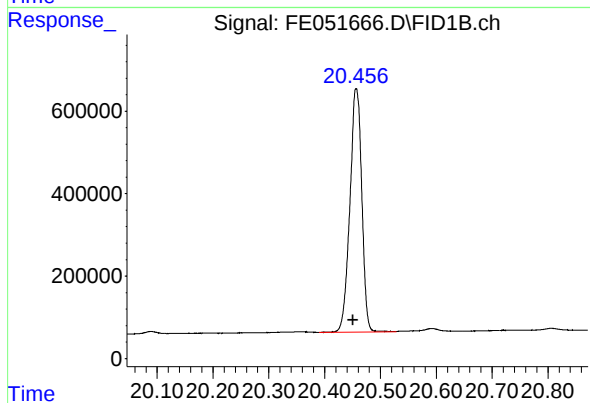
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.009 min
Response: 11281789
Conc: 79.95 ug/ml



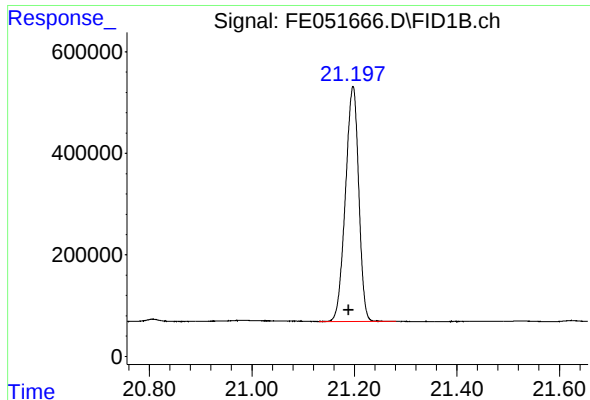
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.008 min
Response: 9890212
Conc: 82.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.006 min
Response: 8743039
Conc: 85.84 ug/ml



#21 n-Octatriacontane (C38)

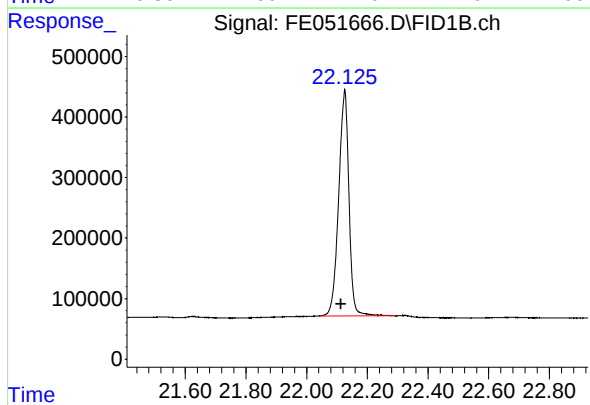
R.T.: 21.197 min
Delta R.T.: 0.008 min
Response: 8330548
Conc: 87.97 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.012 min
Response: 8768671
Conc: 90.21 ug/ml