

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044042.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2023 22:34
 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: Aug 31 03:32:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:32:37 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)	11.948	17522151	94.793 ug/ml
Spiked Amount 50.000		Recovery =	189.59%
12) S 1-chlorooctadecane (S...	13.383	12953239	95.395 ug/ml
Spiked Amount 50.000		Recovery =	190.79%
Target Compounds			
1) T n-Nonane (C9)	3.327	14911589	94.472 ug/ml
2) T n-Decane (C10)	4.580	15272772	94.515 ug/ml
3) T A~Naphthalene (C11.7)	6.282	16523317	94.788 ug/ml
4) T n-Dodecane (C12)	6.745	15476922	94.569 ug/ml
5) T A~2-methylnaphthalene...	7.379	15987656	95.281 ug/ml
6) T n-Tetradecane (C14)	8.573	15427155	94.665 ug/ml
7) T n-Hexadecane (C16)	10.183	15929996	94.660 ug/ml
8) T n-Octadecane (C18)	11.629	15991263	94.497 ug/ml
10) T n-Eicosane (C20)	12.939	15256038	94.699 ug/ml
11) T n-Heneicosane (C21)	13.551	14941426	94.744 ug/ml
13) T n-Docosane (C22)	14.139	14774452	94.790 ug/ml
14) T n-Tetracosane (C24)	15.241	14482026	94.808 ug/ml
15) T n-Hexacosane (C26)	16.264	13981453	94.863 ug/ml
16) T n-Octacosane (C28)	17.215	13422159	95.030 ug/ml
17) T n-Tricontane (C30)	18.103	13293110	94.357 ug/ml
18) T n-Dotriacontane (C32)	18.937	12902239	93.975 ug/ml
19) T n-Tetratriacontane (C34)	19.722	12690196	94.075 ug/ml
20) T n-Hexatriacontane (C36)	20.463	12526364	94.366 ug/ml
21) T n-Octatriacontane (C38)	21.209	12707731	94.113 ug/ml
22) T n-Tetracontane (C40)	22.136	12517301	93.189 ug/ml

(f)=RT Delta > 1/2 Window

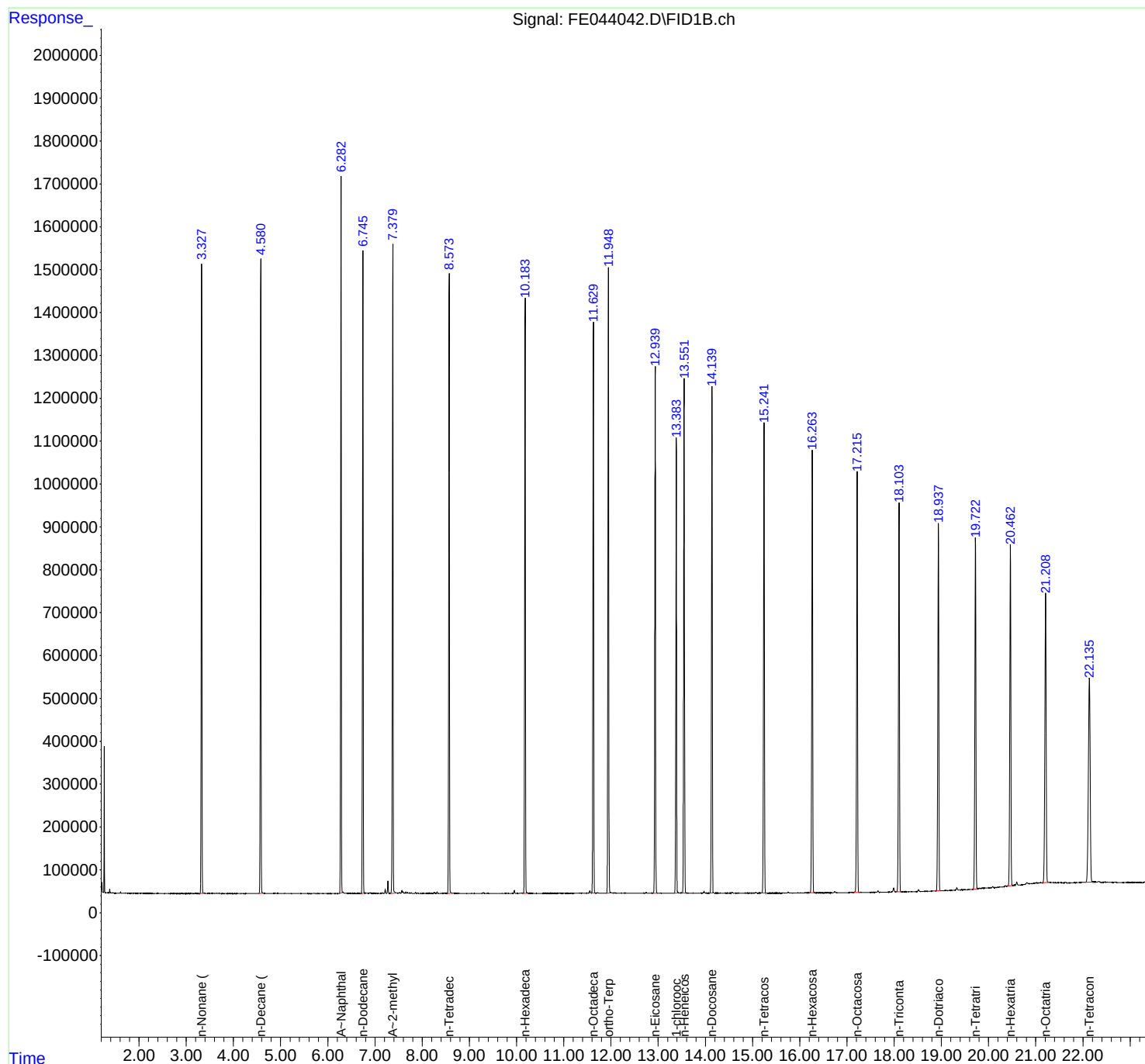
(m)=manual int.

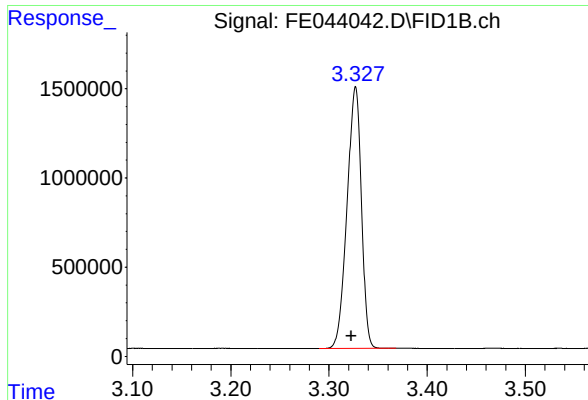
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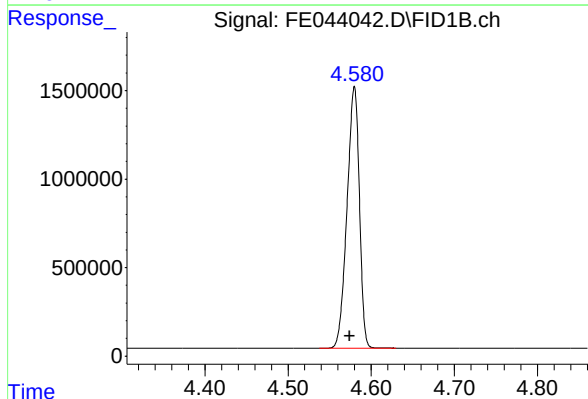




#1 n-Nonane (C9)

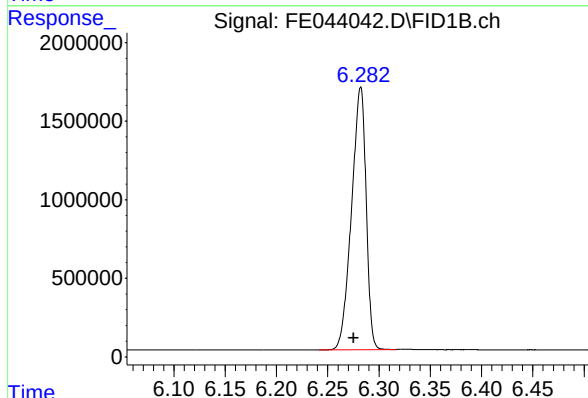
R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 14911589
Conc: 94.47 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



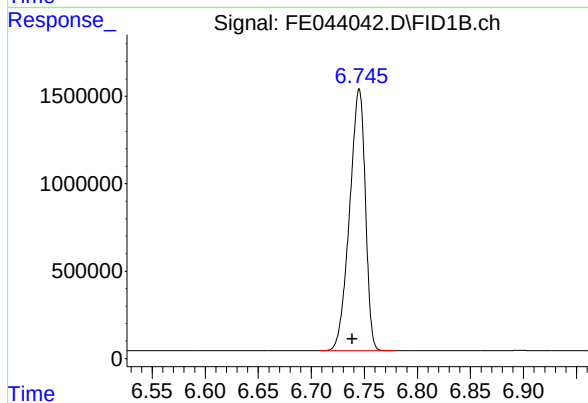
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.006 min
Response: 15272772
Conc: 94.51 ug/ml



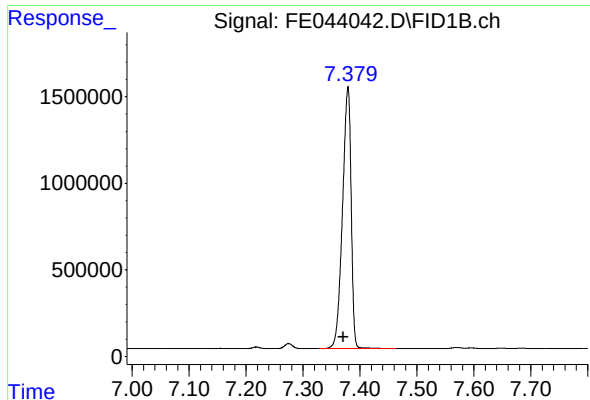
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.007 min
Response: 16523317
Conc: 94.79 ug/ml



#4 n-Dodecane (C12)

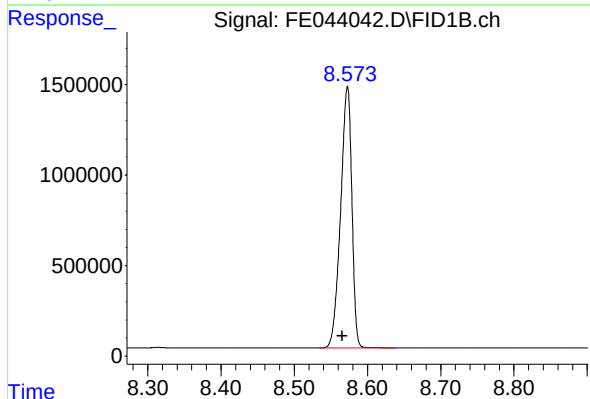
R.T.: 6.745 min
Delta R.T.: 0.006 min
Response: 15476922
Conc: 94.57 ug/ml



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

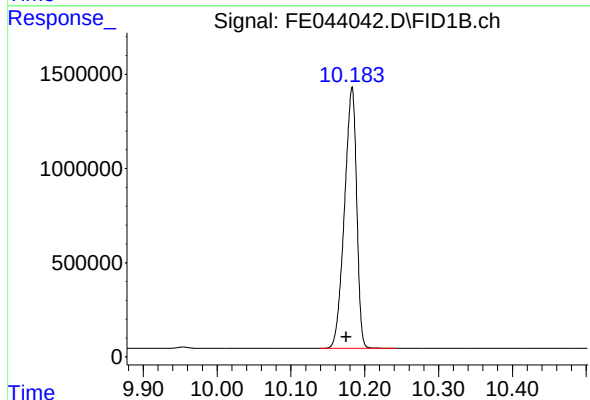
R.T.: 7.379 min
Delta R.T.: 0.008 min
Response: 15987656
Conc: 95.28 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



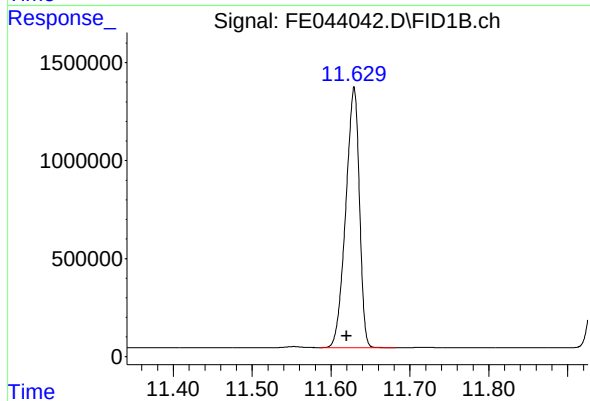
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 15427155
Conc: 94.66 ug/ml



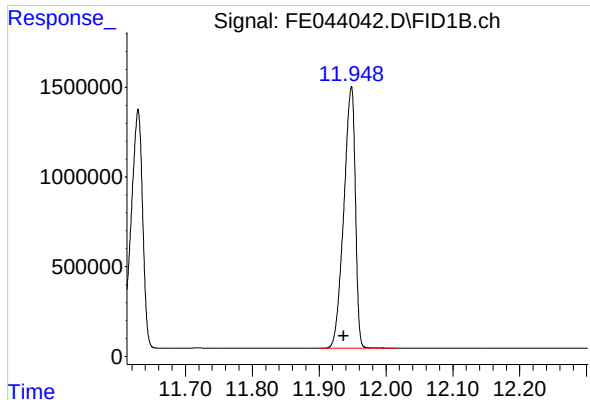
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.008 min
Response: 15929996
Conc: 94.66 ug/ml



#8 n-Octadecane (C18)

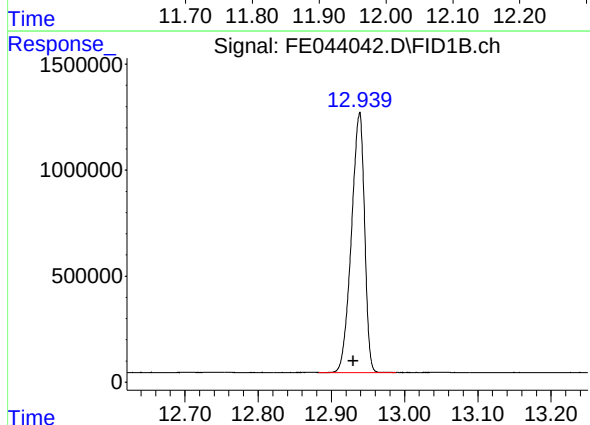
R.T.: 11.629 min
Delta R.T.: 0.010 min
Response: 15991263
Conc: 94.50 ug/ml



#9 ortho-Terphenyl (SURR)

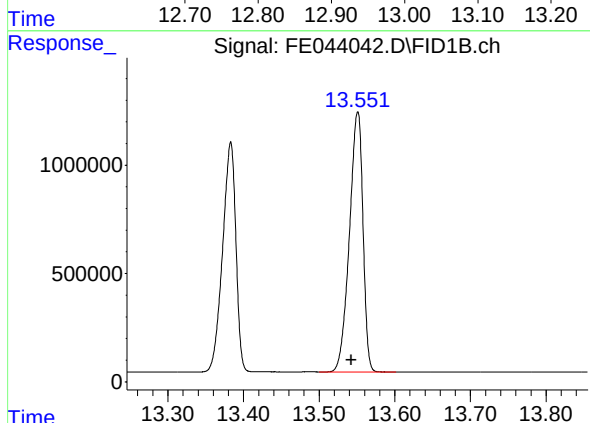
R.T.: 11.948 min
Delta R.T.: 0.011 min
Response: 17522151
Conc: 94.79 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



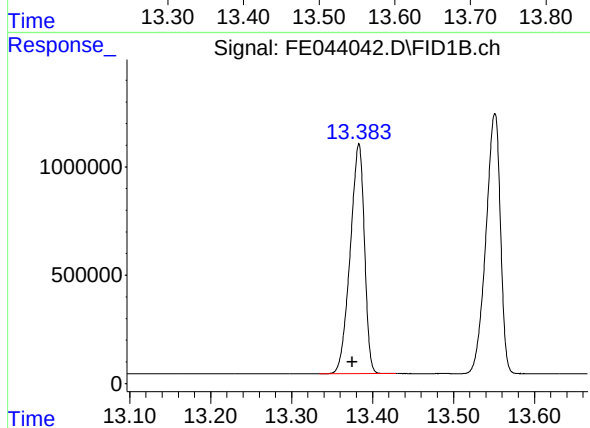
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.009 min
Response: 15256038
Conc: 94.70 ug/ml



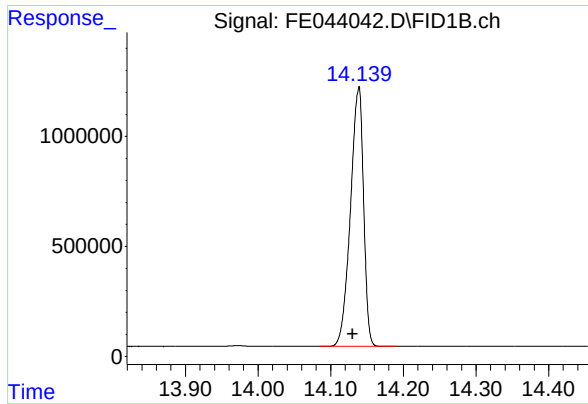
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.008 min
Response: 14941426
Conc: 94.74 ug/ml



#12 1-chlorooctadecane (SURR)

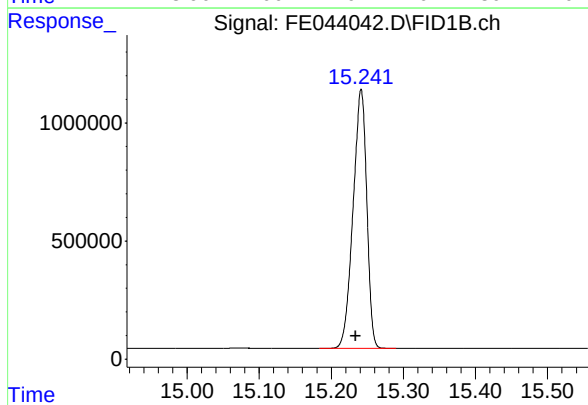
R.T.: 13.383 min
Delta R.T.: 0.008 min
Response: 12953239
Conc: 95.39 ug/ml



#13 n-Docosane (C22)

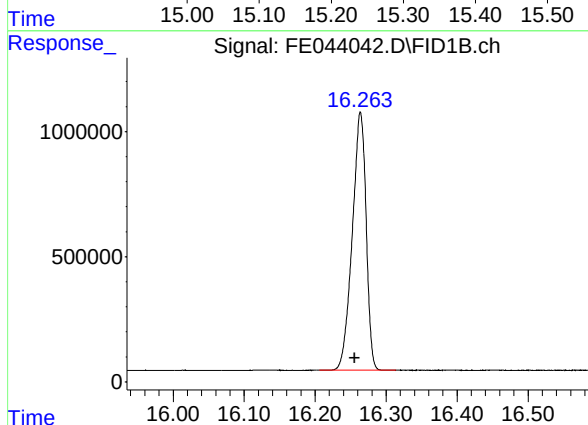
R.T.: 14.139 min
Delta R.T.: 0.009 min
Response: 14774452
Conc: 94.79 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



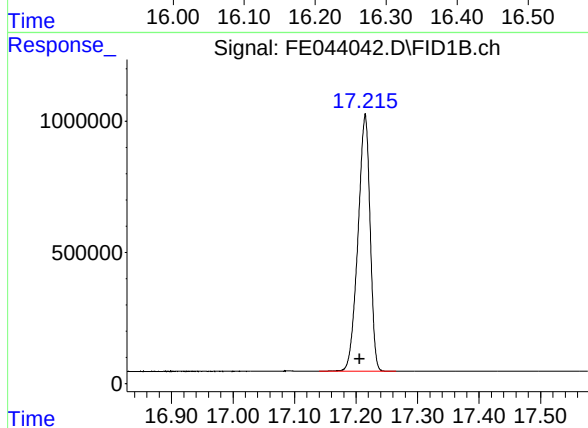
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.008 min
Response: 14482026
Conc: 94.81 ug/ml



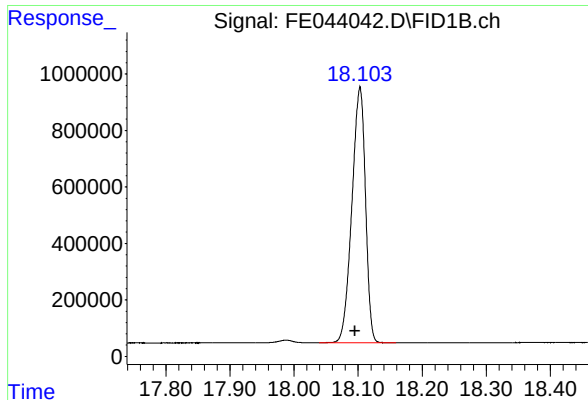
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.008 min
Response: 13981453
Conc: 94.86 ug/ml



#16 n-Octacosane (C28)

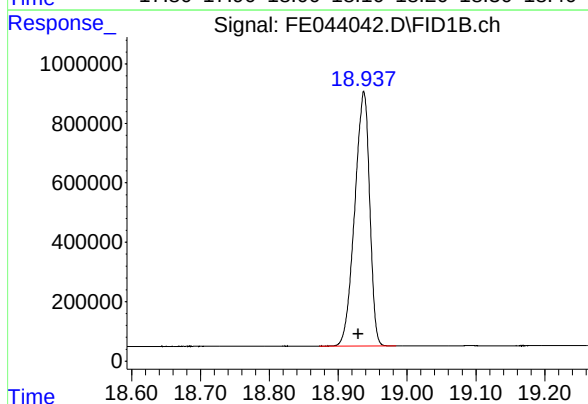
R.T.: 17.215 min
Delta R.T.: 0.009 min
Response: 13422159
Conc: 95.03 ug/ml



#17 n-Tricontane (C30)

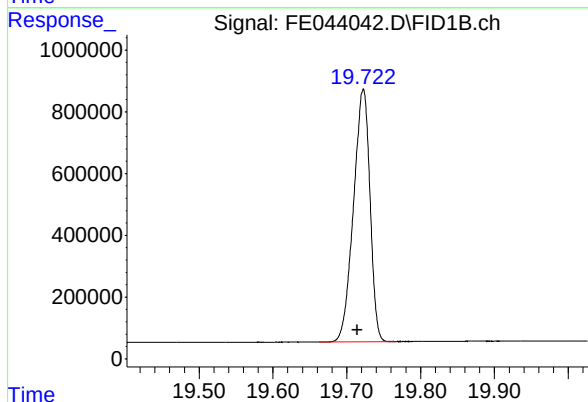
R.T.: 18.103 min
Delta R.T.: 0.008 min
Response: 13293110
Conc: 94.36 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



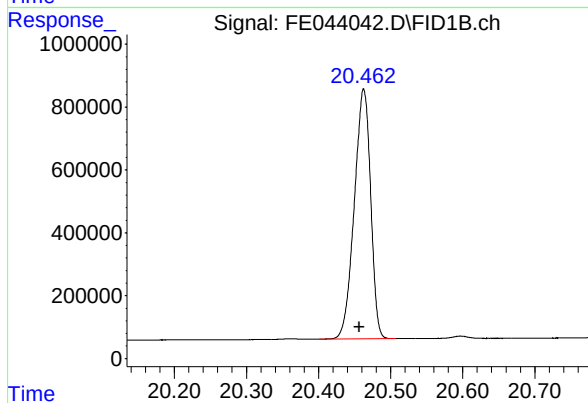
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.008 min
Response: 12902239
Conc: 93.97 ug/ml



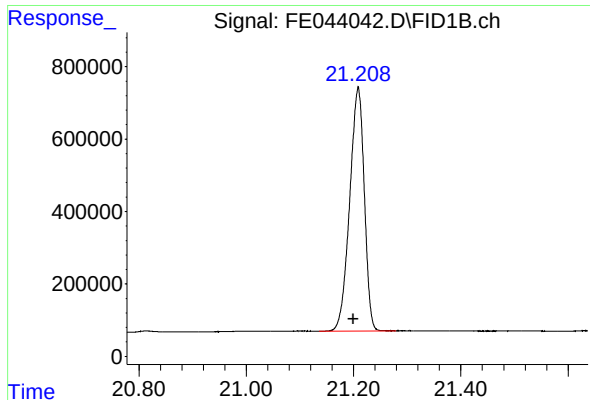
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.008 min
Response: 12690196
Conc: 94.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.006 min
Response: 12526364
Conc: 94.37 ug/ml



#21 n-Octatriacontane (C38)

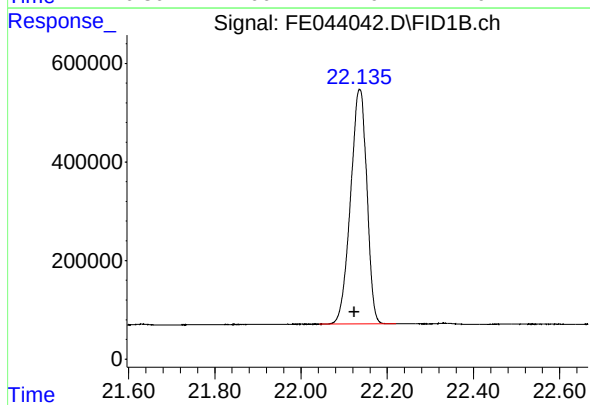
R.T.: 21.209 min
Delta R.T.: 0.009 min
Response: 12707731
Conc: 94.11 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.012 min
Response: 12517301
Conc: 93.19 ug/ml