

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043664.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 07:29
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 02 09:03:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:03:13 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)	11.951	20344111	99.183 ug/ml
Spiked Amount 50.000		Recovery =	198.37%
12) S 1-chlorooctadecane (S...	13.388	15381199	99.067 ug/ml
Spiked Amount 50.000		Recovery =	198.13%
Target Compounds			
1) T n-Nonane (C9)	3.333	15861006	98.847 ug/ml
2) T n-Decane (C10)	4.585	16243161	99.146 ug/ml
3) T A~Naphthalene (C11.7)	6.285	17950620	99.193 ug/ml
4) T n-Dodecane (C12)	6.750	16539868	99.338 ug/ml
5) T A~2-methylnaphthalene...	7.381	17583406	99.267 ug/ml
6) T n-Tetradecane (C14)	8.576	16632893	99.333 ug/ml
7) T n-Hexadecane (C16)	10.187	17457052	99.362 ug/ml
8) T n-Octadecane (C18)	11.635	17903641	99.259 ug/ml
10) T n-Eicosane (C20)	12.943	17437657	99.028 ug/ml
11) T n-Heneicosane (C21)	13.557	17277304	98.692 ug/ml
13) T n-Docosane (C22)	14.143	17247842	98.952 ug/ml
14) T n-Tetracosane (C24)	15.248	17259964	98.834 ug/ml
15) T n-Hexacosane (C26)	16.269	16942118	98.648 ug/ml
16) T n-Octacosane (C28)	17.221	16358428	98.495 ug/ml
17) T n-Tricontane (C30)	18.110	16042864	97.919 ug/ml
18) T n-Dotriacontane (C32)	18.943	15201910	97.611 ug/ml
19) T n-Tetratriacontane (C34)	19.727	14400148	98.172 ug/ml
20) T n-Hexatriacontane (C36)	20.469	13603768	98.295 ug/ml
21) T n-Octatriacontane (C38)	21.214	13137977	99.217 ug/ml
22) T n-Tetracontane (C40)	22.142	12860720	100.235 ug/ml

(f)=RT Delta > 1/2 Window

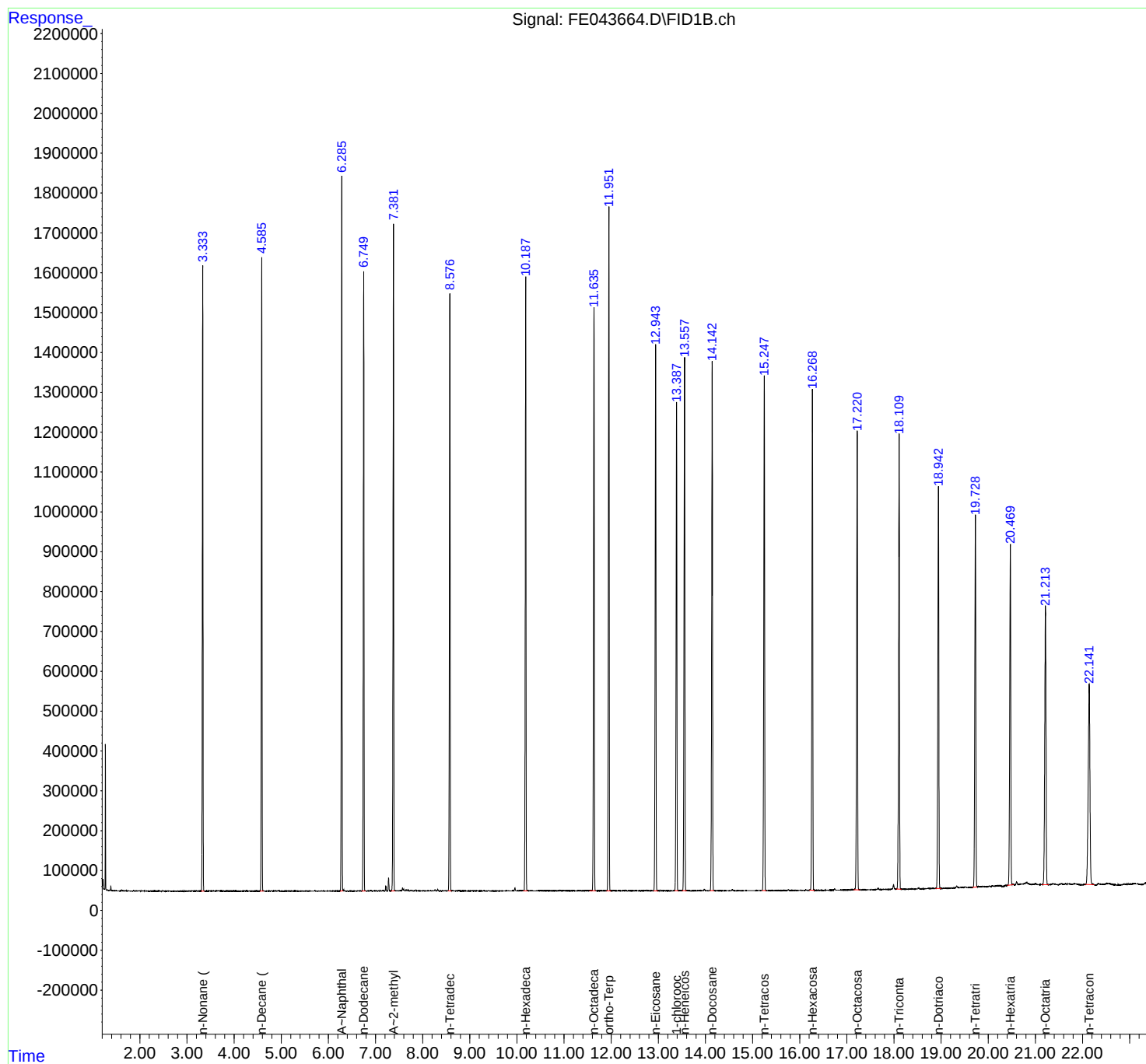
(m)=manual int.

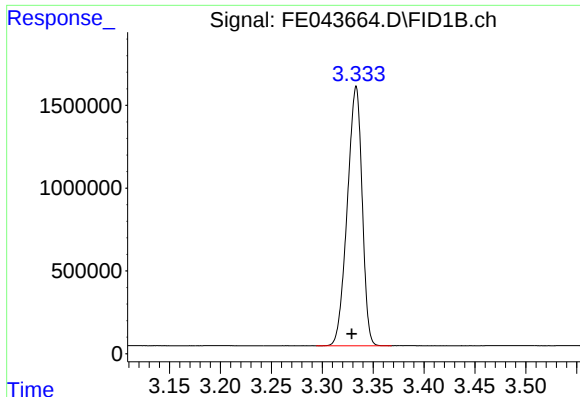
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
Data File : FE043664.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2023 07:29
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 02 09:03:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
Quant Title : GC Extractables
QLast Update : Wed Aug 02 09:03:13 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

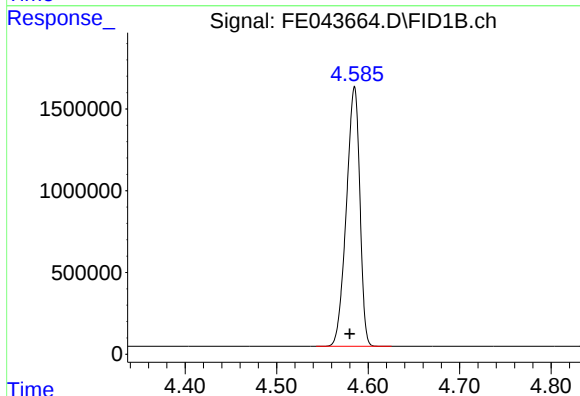




#1 n-Nonane (C9)

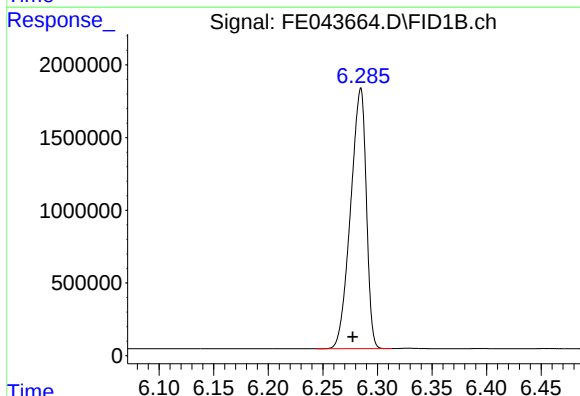
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 15861006
Conc: 98.85 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



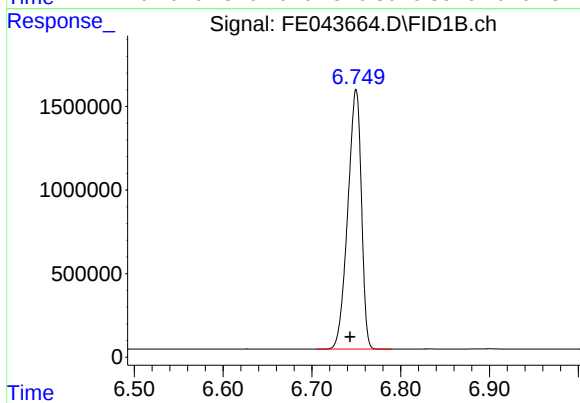
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.005 min
Response: 16243161
Conc: 99.15 ug/ml



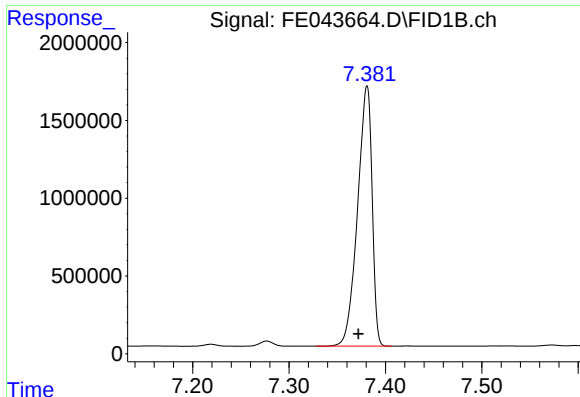
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.007 min
Response: 17950620
Conc: 99.19 ug/ml



#4 n-Dodecane (C12)

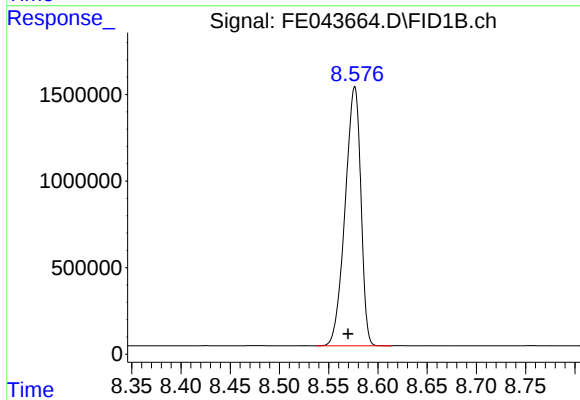
R.T.: 6.750 min
Delta R.T.: 0.007 min
Response: 16539868
Conc: 99.34 ug/ml



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

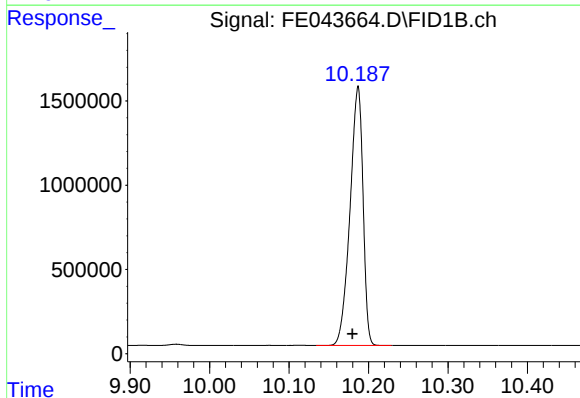
R.T.: 7.381 min
Delta R.T.: 0.009 min
Response: 17583406
Conc: 99.27 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



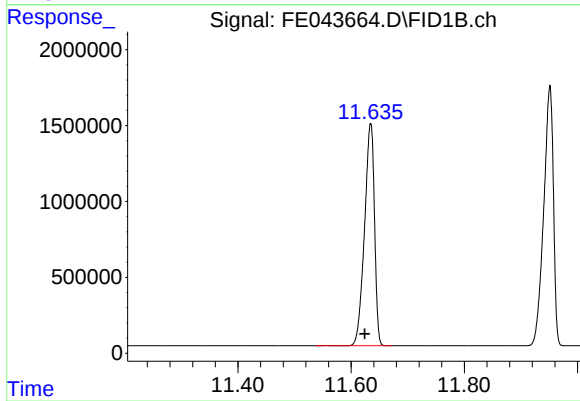
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.007 min
Response: 16632893
Conc: 99.33 ug/ml



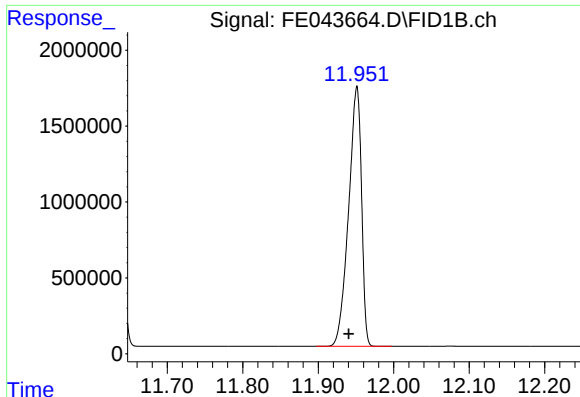
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.007 min
Response: 17457052
Conc: 99.36 ug/ml



#8 n-Octadecane (C18)

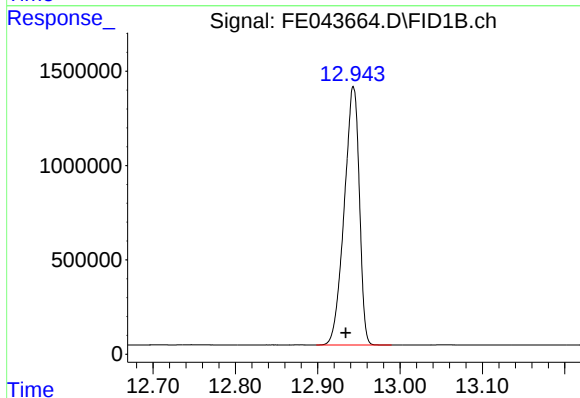
R.T.: 11.635 min
Delta R.T.: 0.011 min
Response: 17903641
Conc: 99.26 ug/ml



#9 ortho-Terphenyl (SURR)

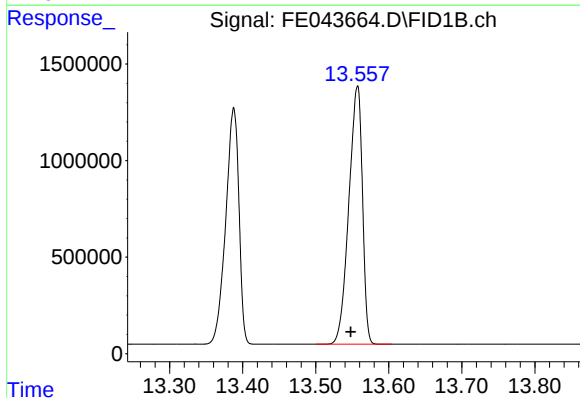
R.T.: 11.951 min
Delta R.T.: 0.011 min
Response: 20344111
Conc: 99.18 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



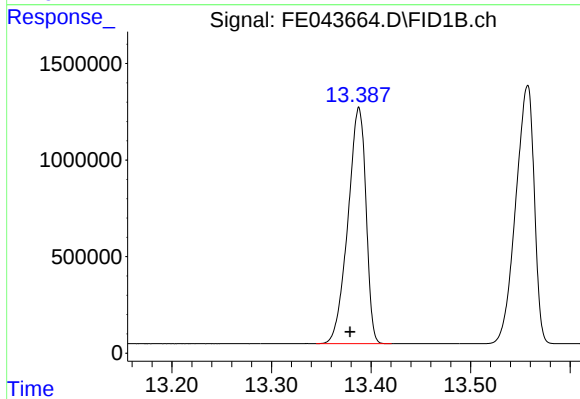
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.009 min
Response: 17437657
Conc: 99.03 ug/ml



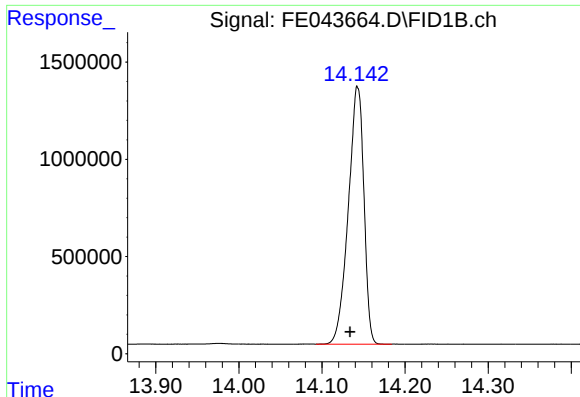
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.009 min
Response: 17277304
Conc: 98.69 ug/ml



#12 1-chlorooctadecane (SURR)

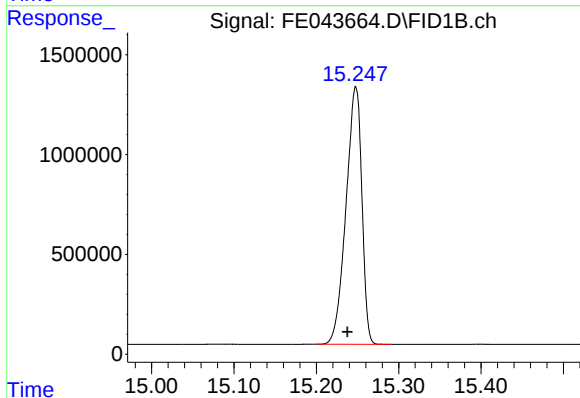
R.T.: 13.388 min
Delta R.T.: 0.009 min
Response: 15381199
Conc: 99.07 ug/ml



#13 n-Docosane (C22)

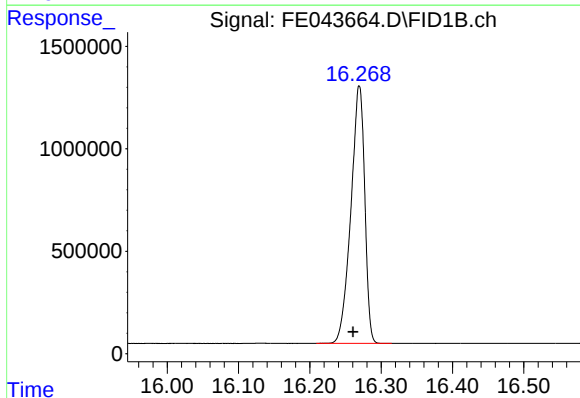
R.T.: 14.143 min
Delta R.T.: 0.009 min
Response: 17247842
Conc: 98.95 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



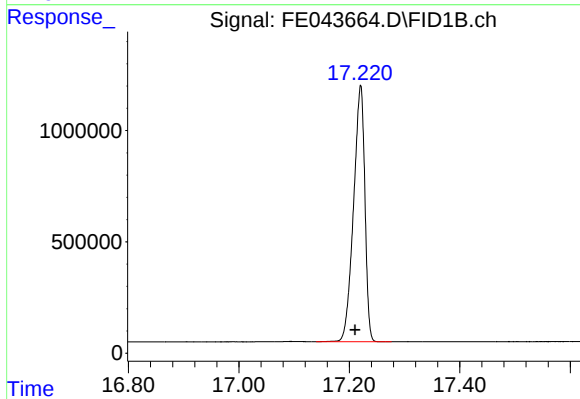
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.010 min
Response: 17259964
Conc: 98.83 ug/ml



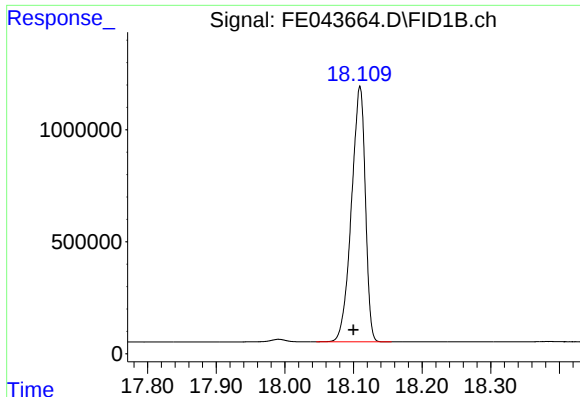
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 16942118
Conc: 98.65 ug/ml



#16 n-Octacosane (C28)

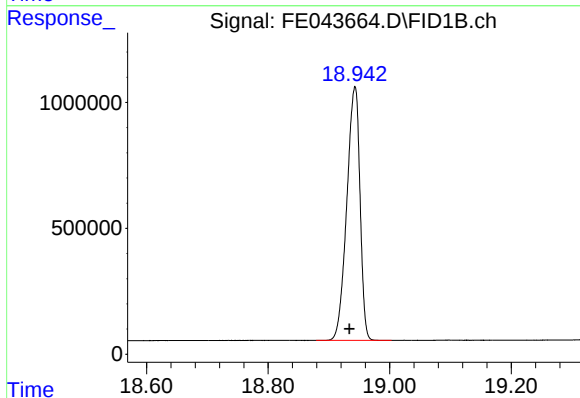
R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 16358428
Conc: 98.49 ug/ml



#17 n-Tricontane (C30)

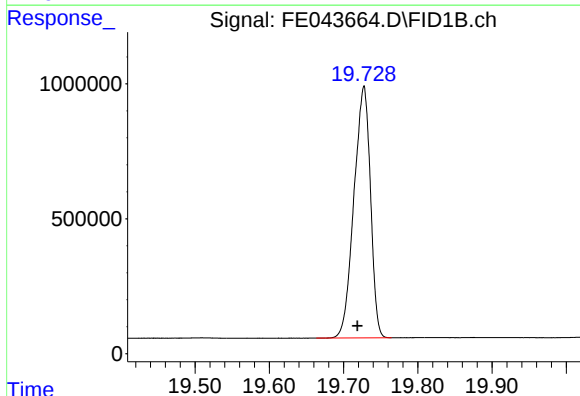
R.T.: 18.110 min
Delta R.T.: 0.010 min
Response: 16042864
Conc: 97.92 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



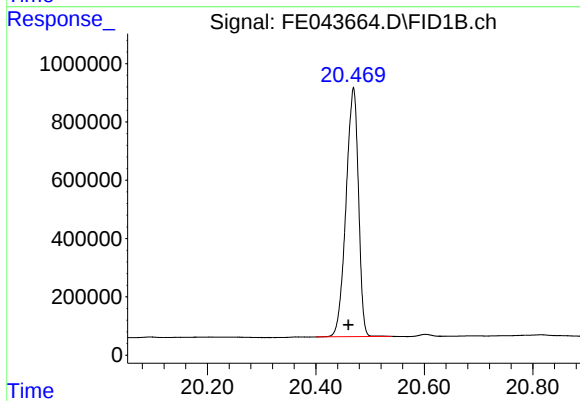
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.009 min
Response: 15201910
Conc: 97.61 ug/ml



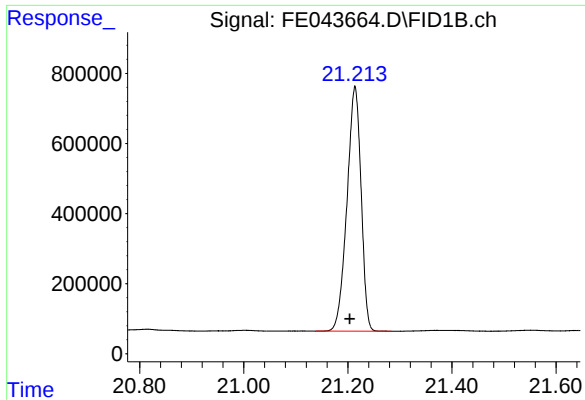
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.009 min
Response: 14400148
Conc: 98.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.010 min
Response: 13603768
Conc: 98.29 ug/ml



#21 n-Octatriacontane (C38)

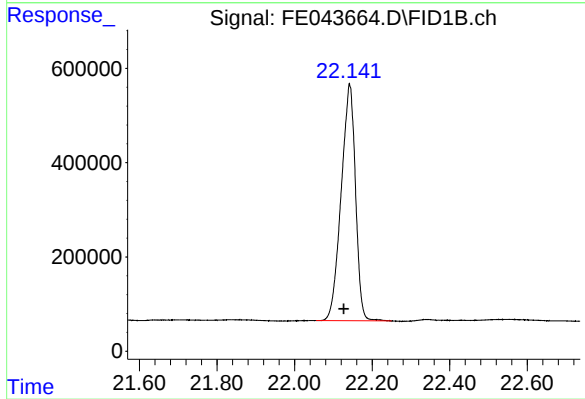
R.T.: 21.214 min
Delta R.T.: 0.010 min
Response: 13137977
Conc: 99.22 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.015 min
Response: 12860720
Conc: 100.23 ug/ml