

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046300.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 10:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 19 22:07:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.829	4104835	22.588 ug/ml
Spiked Amount 50.000		Recovery =	45.18%
12) S 1-chlorooctadecane (S...	13.273	3006222	22.500 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
Target Compounds			
1) T n-Nonane (C9)	3.214	3094013	20.216 ug/ml
2) T n-Decane (C10)	4.464	3308346	21.317 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3503962	21.069 ug/ml
4) T n-Dodecane (C12)	6.632	3382911	21.666 ug/ml
5) T A~2-methylnaphthalene...	7.265	3402651	21.372 ug/ml
6) T n-Tetradecane (C14)	8.459	3378868	21.691 ug/ml
7) T n-Hexadecane (C16)	10.069	3470218	21.914 ug/ml
8) T n-Octadecane (C18)	11.514	3493826	22.198 ug/ml
10) T n-Eicosane (C20)	12.826	3388373	22.398 ug/ml
11) T n-Heneicosane (C21)	13.438	3316779	22.555 ug/ml
13) T n-Docosane (C22)	14.027	3278610	22.430 ug/ml
14) T n-Tetracosane (C24)	15.132	3222872	22.222 ug/ml
15) T n-Hexacosane (C26)	16.155	3133716	21.858 ug/ml
16) T n-Octacosane (C28)	17.109	3139089	21.888 ug/ml
17) T n-Tricontane (C30)	17.999	3314647	22.300 ug/ml
18) T n-Dotriacontane (C32)	18.835	3385869	22.639 ug/ml
19) T n-Tetratriacontane (C34)	19.622	3294577	22.998 ug/ml
20) T n-Hexatriacontane (C36)	20.366	3133651	21.493 ug/ml
21) T n-Octatriacontane (C38)	21.096	3418490	23.183 ug/ml
22) T n-Tetracontane (C40)	21.993	3728460	23.820 ug/ml

(f)=RT Delta > 1/2 Window

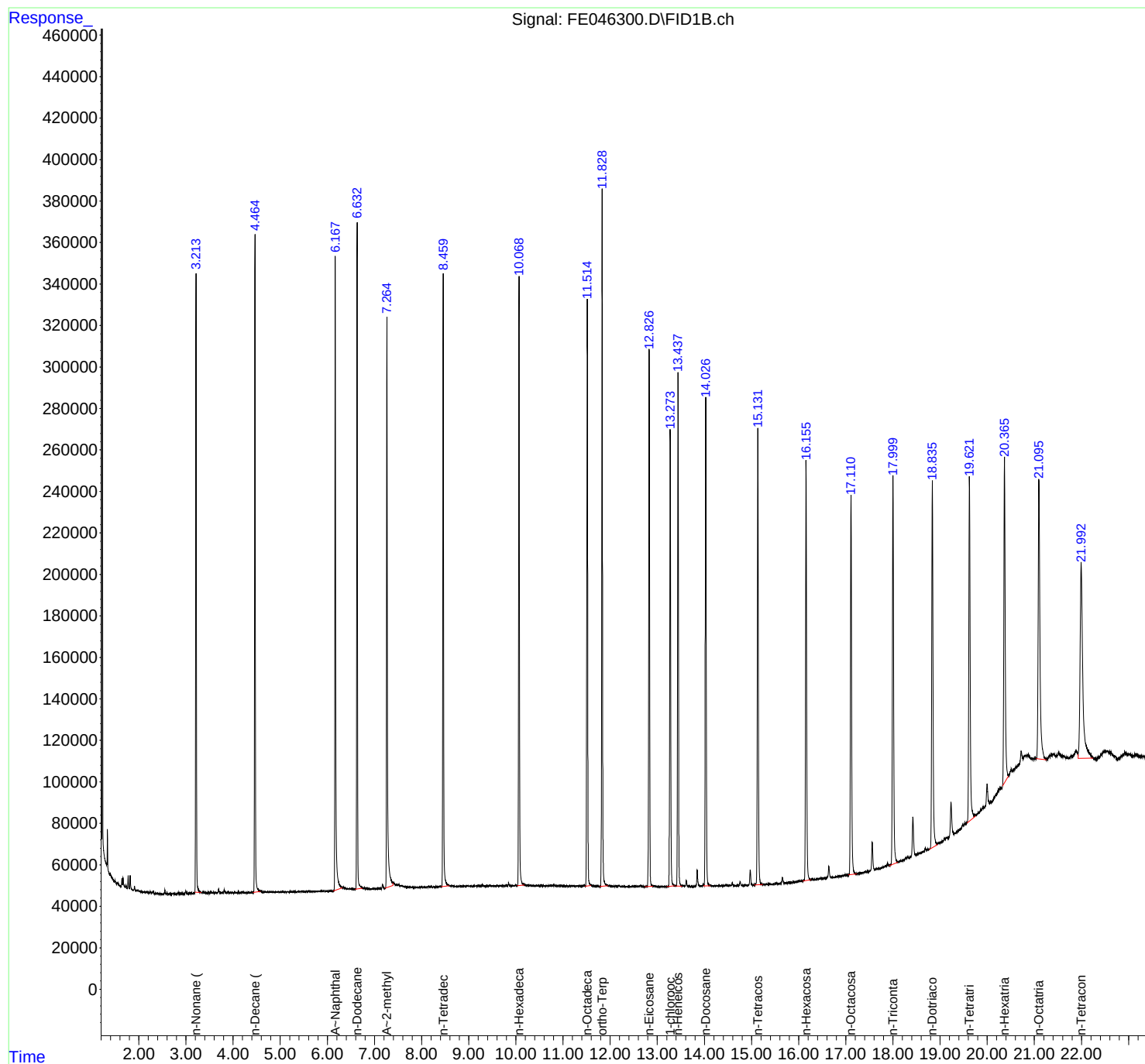
(m)=manual int.

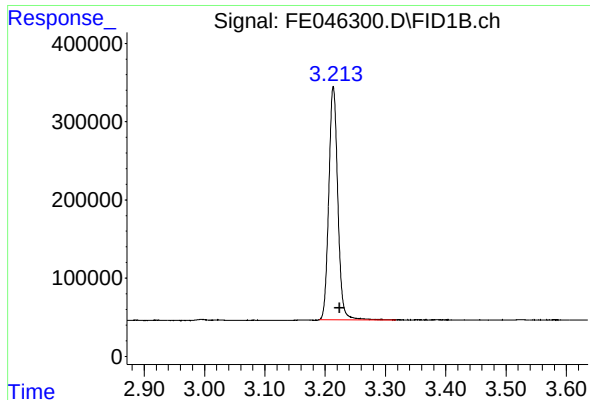
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
Data File : FE046300.D
Signal(s) : FID1B.ch
Acq On : 19 Jan 2024 10:09
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jan 19 22:07:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
Response via : Initial Calibration
Integrator: ChemStation

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

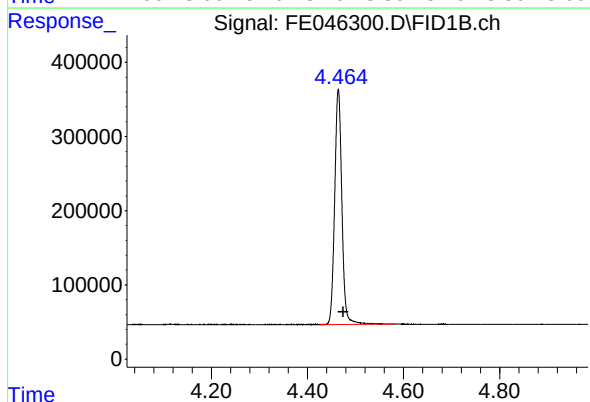




#1 n-Nonane (C9)

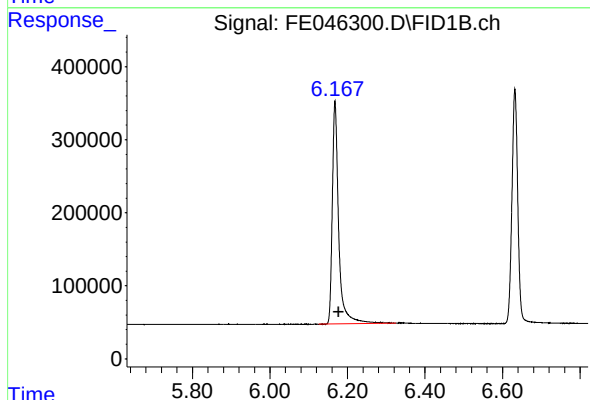
R.T.: 3.214 min
Delta R.T.: -0.010 min
Response: 3094013
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



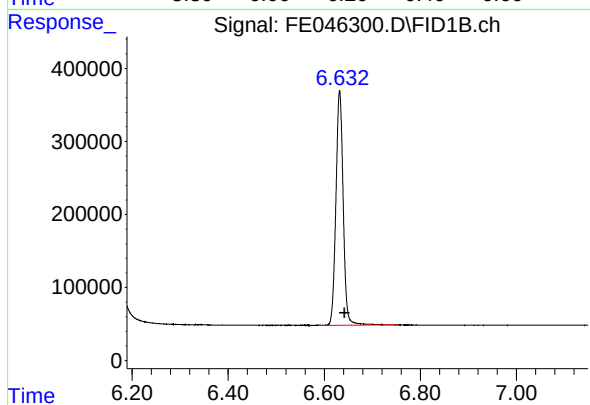
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.010 min
Response: 3308346
Conc: 21.32 ug/ml



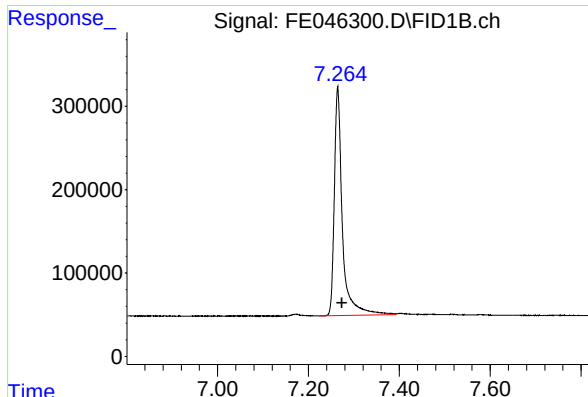
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 3503962
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

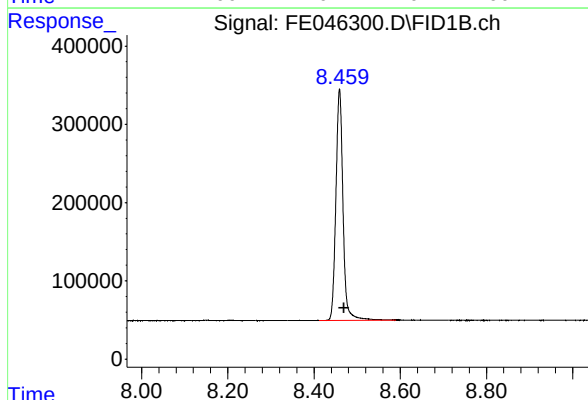
R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 3382911
Conc: 21.67 ug/ml



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

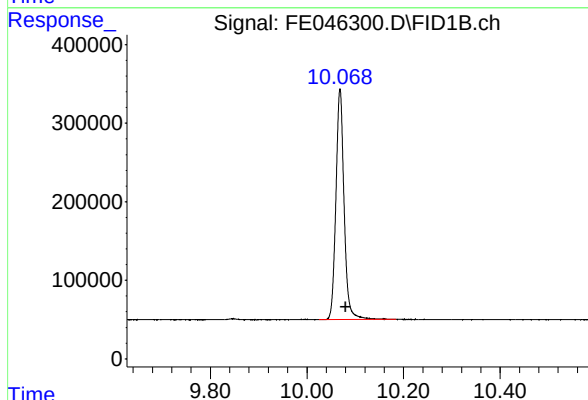
R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 3402651
Conc: 21.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



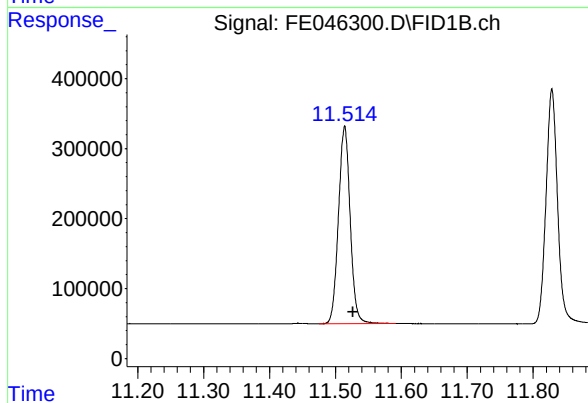
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 3378868
Conc: 21.69 ug/ml



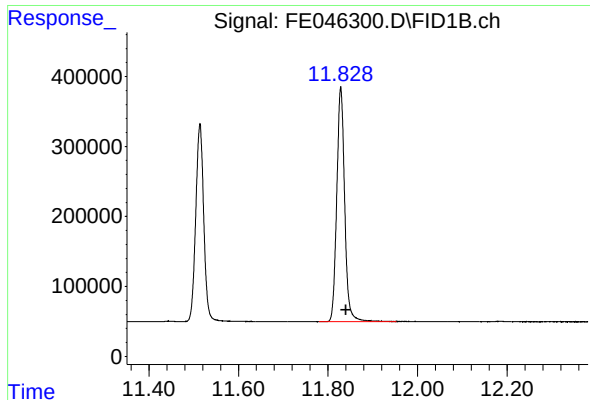
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.012 min
Response: 3470218
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

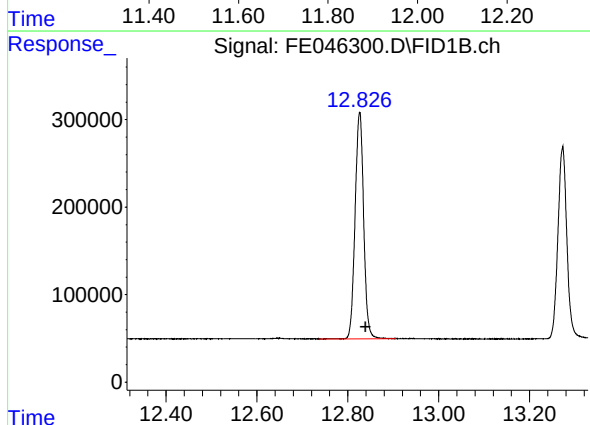
R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 3493826
Conc: 22.20 ug/ml



#9 ortho-Terphenyl (SURR)

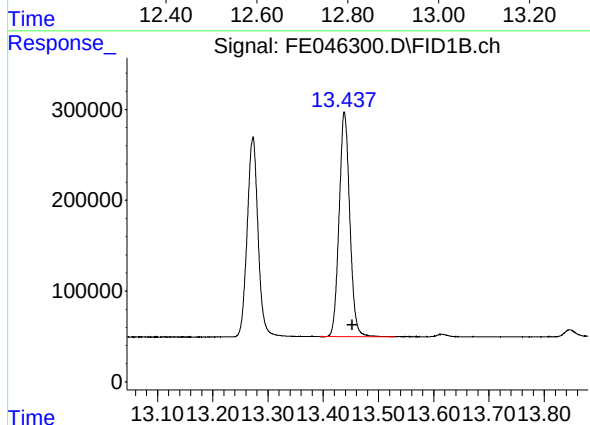
R.T.: 11.829 min
Delta R.T.: -0.012 min
Response: 4104835
Conc: 22.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



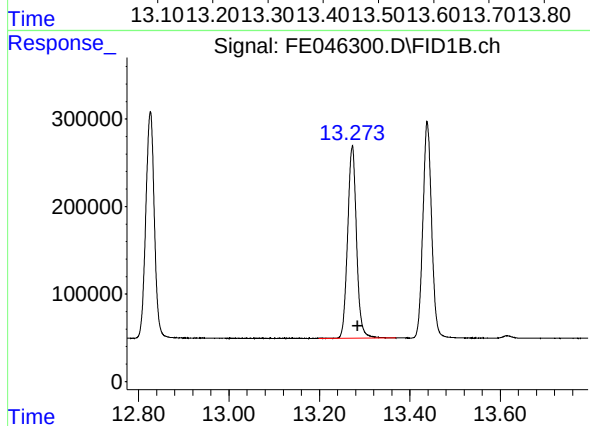
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.012 min
Response: 3388373
Conc: 22.40 ug/ml



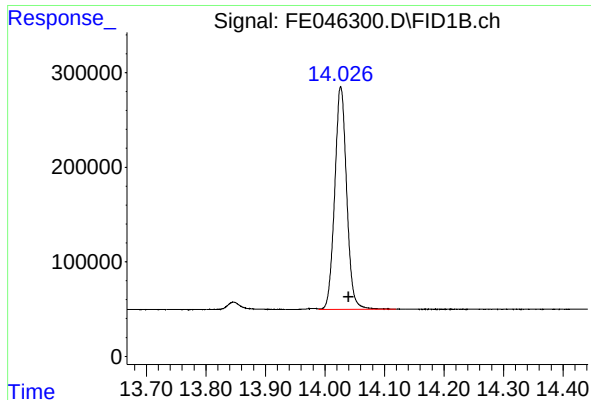
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.014 min
Response: 3316779
Conc: 22.56 ug/ml



#12 1-chlorooctadecane (SURR)

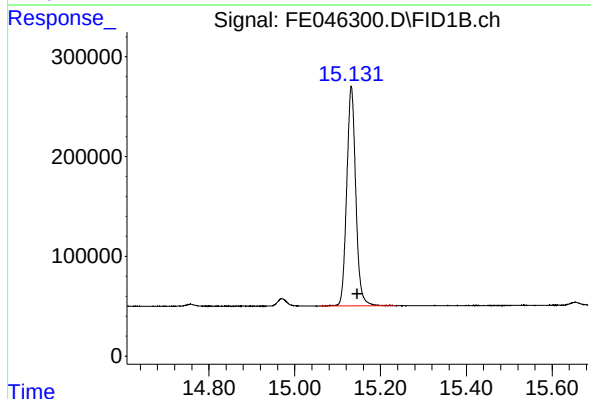
R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 3006222
Conc: 22.50 ug/ml



#13 n-Docosane (C22)

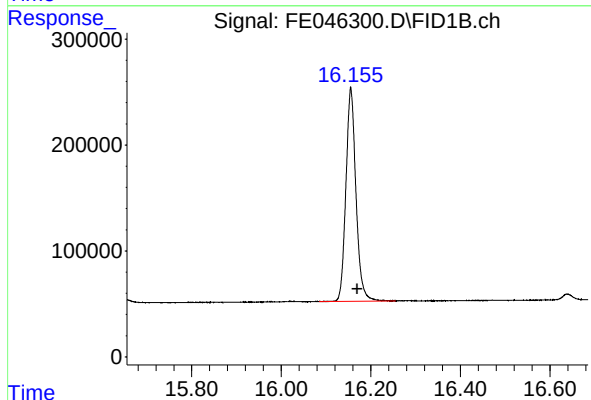
R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 3278610
Conc: 22.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



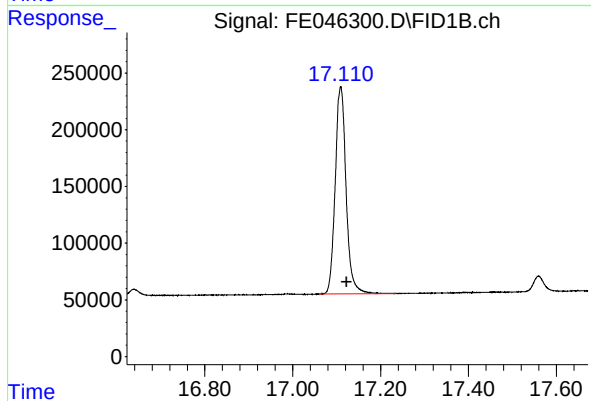
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.014 min
Response: 3222872
Conc: 22.22 ug/ml



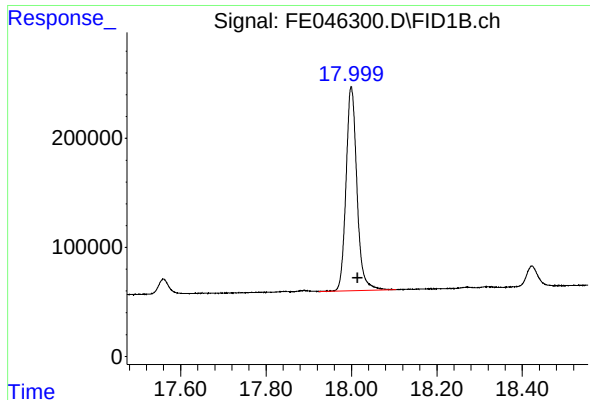
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 3133716
Conc: 21.86 ug/ml



#16 n-Octacosane (C28)

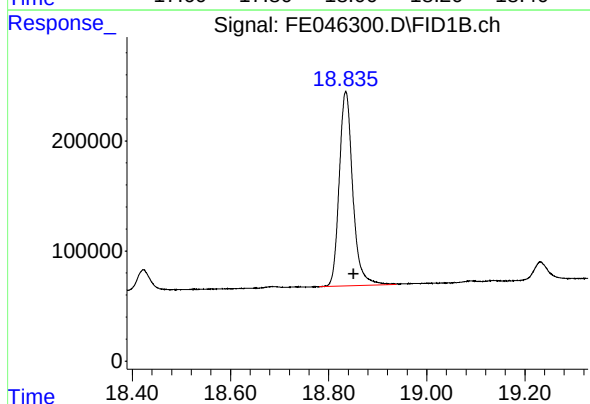
R.T.: 17.109 min
Delta R.T.: -0.013 min
Response: 3139089
Conc: 21.89 ug/ml



#17 n-Tricontane (C30)

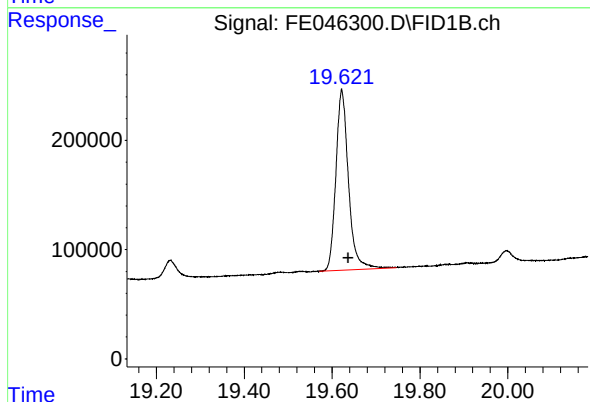
R.T.: 17.999 min
Delta R.T.: -0.014 min
Response: 3314647
Conc: 22.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



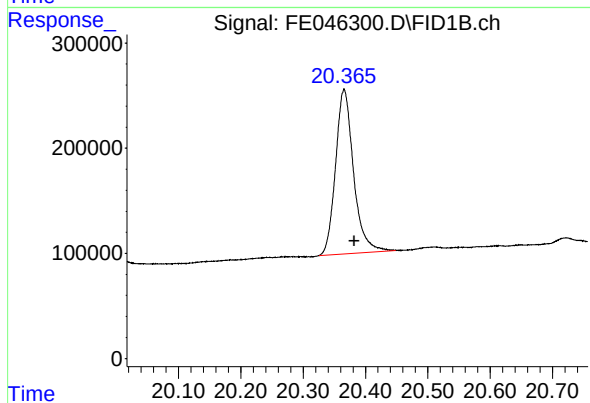
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.016 min
Response: 3385869
Conc: 22.64 ug/ml



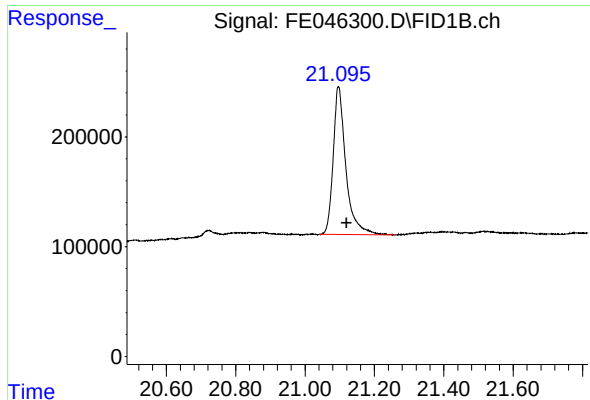
#19 n-Tetatriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 3294577
Conc: 23.00 ug/ml



#20 n-Hexatriacontane (C36)

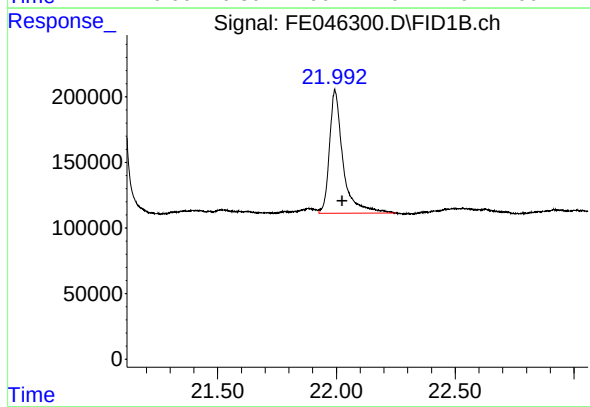
R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 3133651
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.024 min
Response: 3418490
Conc: 23.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.032 min
Response: 3728460
Conc: 23.82 ug/ml