

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049980.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 17:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 09 17:40:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.878	2943115	19.782 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.313	2249996	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.266	2693212	19.869 ug/ml
2) T n-Decane (C10)	4.517	2739441	19.849 ug/ml
3) T A~Naphthalene (C11.7)	6.225	2802783	20.024 ug/ml
4) T n-Dodecane (C12)	6.684	2749795	19.885 ug/ml
5) T A~2-methylnaphthalene...	7.321	2636585	20.059 ug/ml
6) T n-Tetradecane (C14)	8.512	2704282	19.859 ug/ml
7) T n-Hexadecane (C16)	10.118	2766412	19.916 ug/ml
8) T n-Octadecane (C18)	11.559	2791725	19.926 ug/ml
10) T n-Eicosane (C20)	12.867	2656161	19.801 ug/ml
11) T n-Heneicosane (C21)	13.479	2612113	19.880 ug/ml
13) T n-Docosane (C22)	14.064	2575951	19.782 ug/ml
14) T n-Tetracosane (C24)	15.165	2570063	19.680 ug/ml
15) T n-Hexacosane (C26)	16.185	2524903	19.735 ug/ml
16) T n-Octacosane (C28)	17.134	2531320	19.652 ug/ml
17) T n-Tricontane (C30)	18.022	2600869	19.450 ug/ml
18) T n-Dotriacontane (C32)	18.853	2587044	19.414 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2394001	19.375 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2166511	19.527 ug/ml
21) T n-Octatriacontane (C38)	21.100	2154755	19.539 ug/ml
22) T n-Tetracontane (C40)	21.993	2138239	19.650 ug/ml

(f)=RT Delta > 1/2 Window

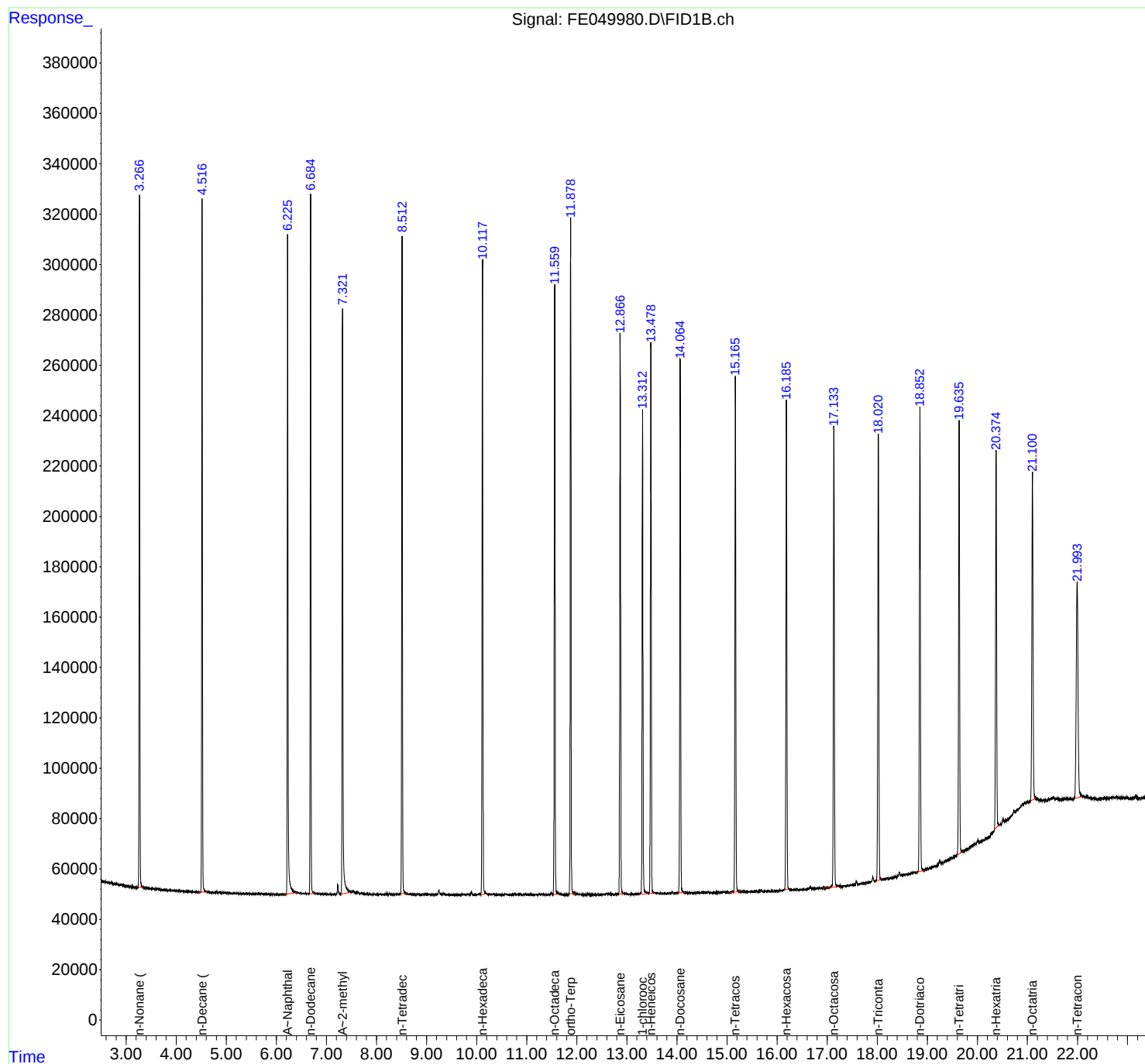
(m)=manual int.

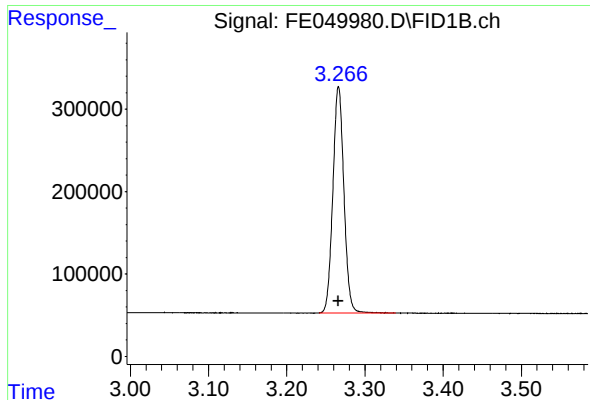
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
Data File : FE049980.D
Signal(s) : FID1B.ch
Acq On : 09 Sep 2024 17:17
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 09 17:40:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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)

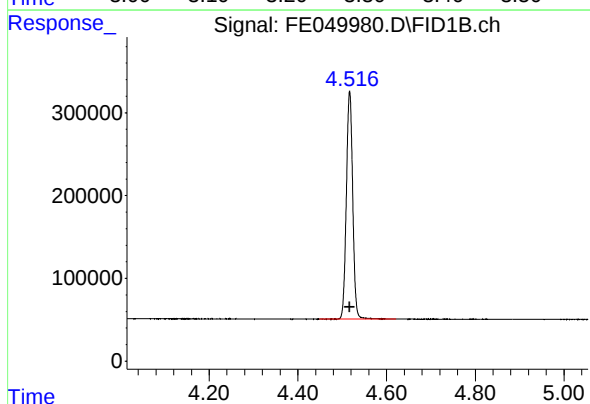
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2693212
Conc: 19.87 ug/ml

Instrument :

FID_E

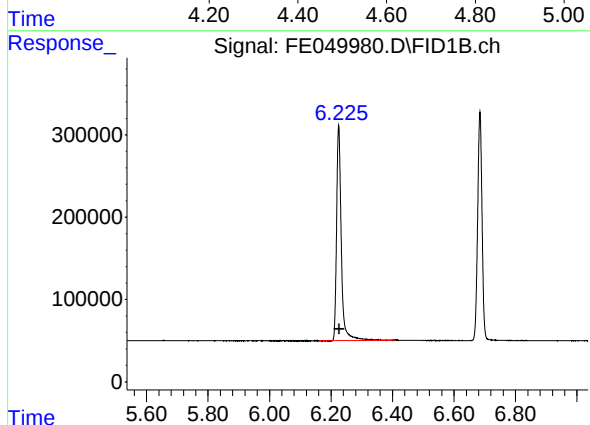
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



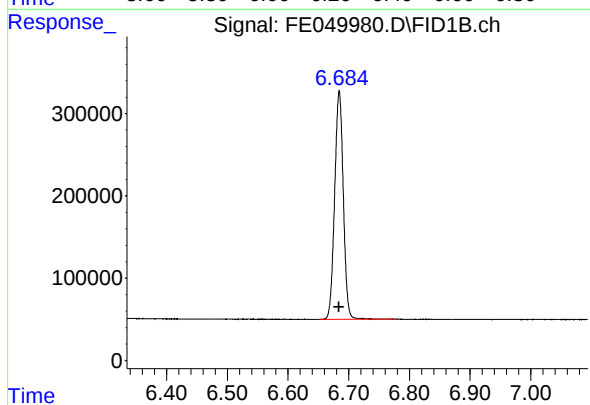
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2739441
Conc: 19.85 ug/ml



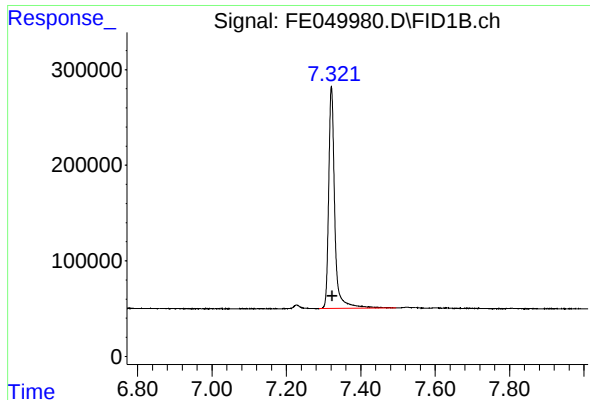
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 2802783
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2749795
Conc: 19.89 ug/ml



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

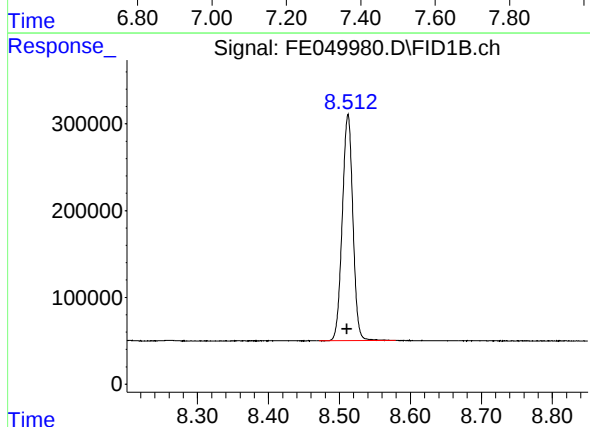
R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 2636585
Conc: 20.06 ug/ml

Instrument :

FID_E

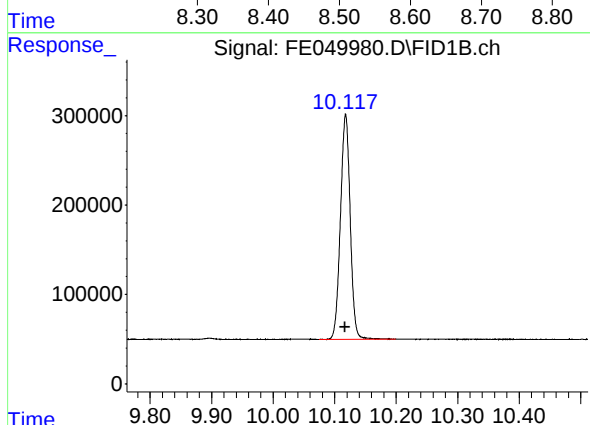
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



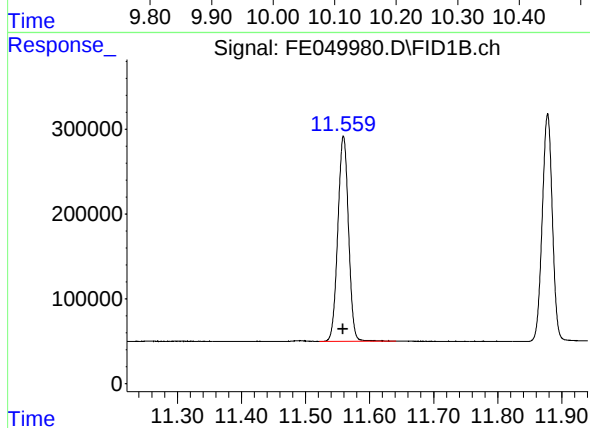
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 2704282
Conc: 19.86 ug/ml



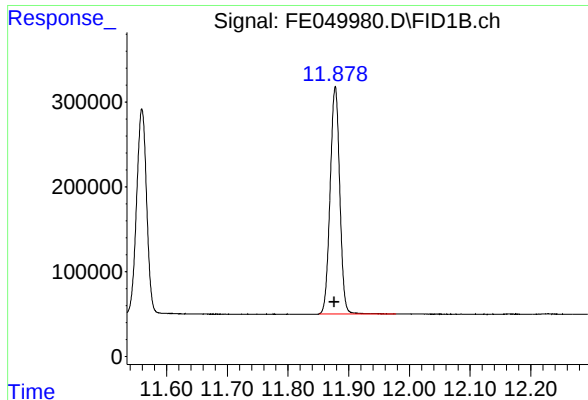
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 2766412
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 2791725
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

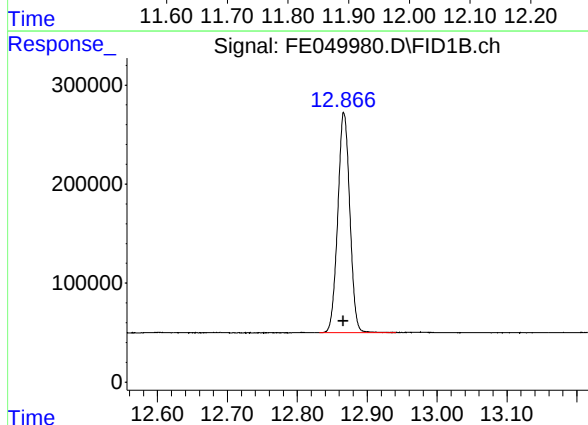
R.T.: 11.878 min
Delta R.T.: 0.001 min
Response: 2943115
Conc: 19.78 ug/ml

Instrument :

FID_E

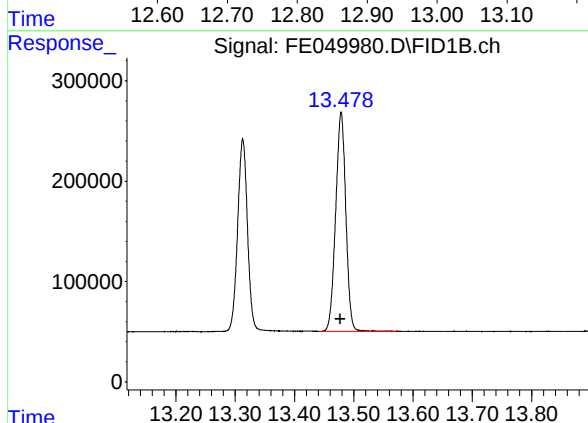
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



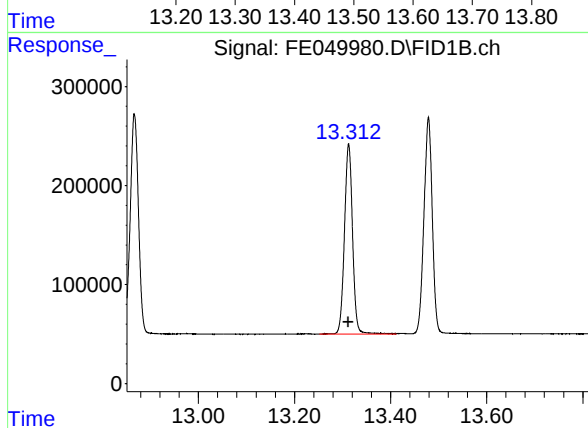
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 2656161
Conc: 19.80 ug/ml



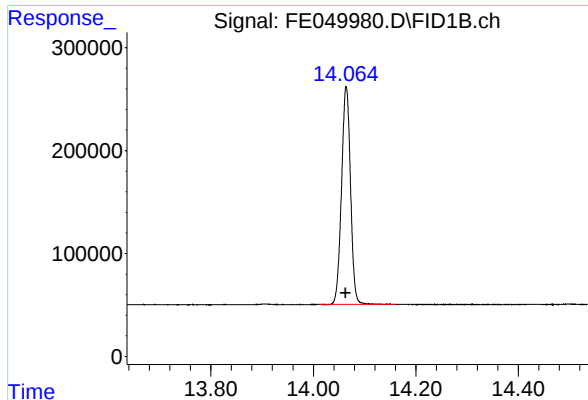
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.001 min
Response: 2612113
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.001 min
Response: 2249996
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

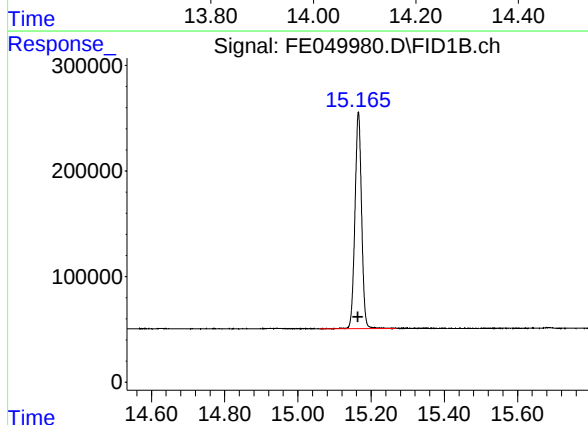
R.T.: 14.064 min
Delta R.T.: 0.001 min
Response: 2575951
Conc: 19.78 ug/ml

Instrument :

FID_E

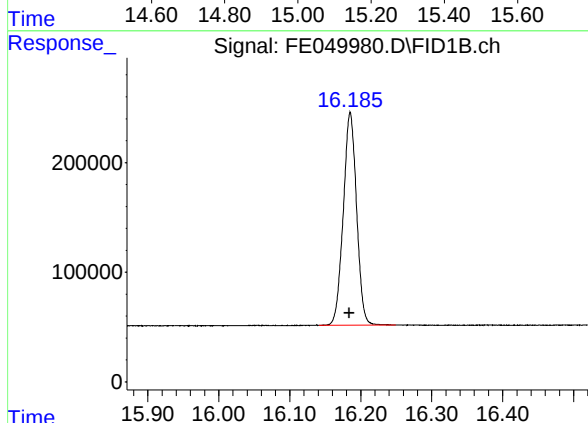
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



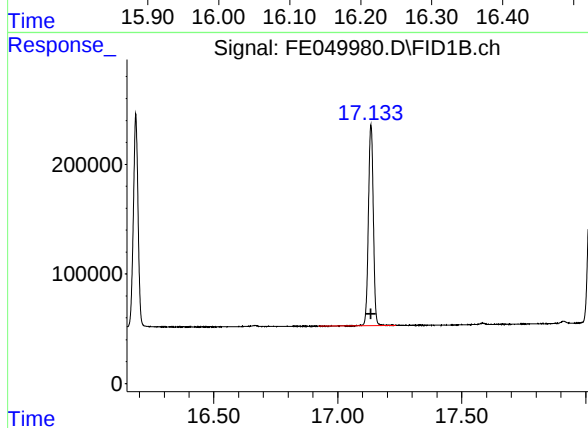
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 2570063
Conc: 19.68 ug/ml



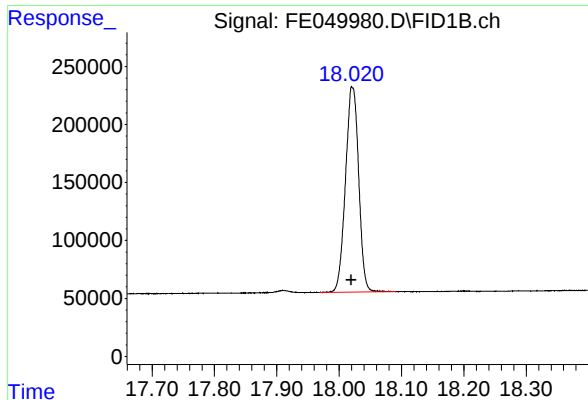
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.002 min
Response: 2524903
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 2531320
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

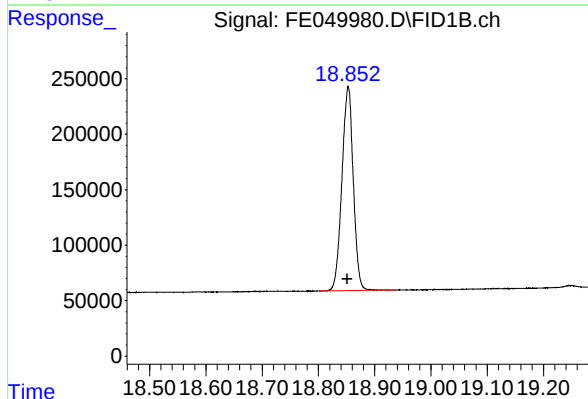
R.T.: 18.022 min
Delta R.T.: 0.002 min
Response: 2600869
Conc: 19.45 ug/ml

Instrument :

FID_E

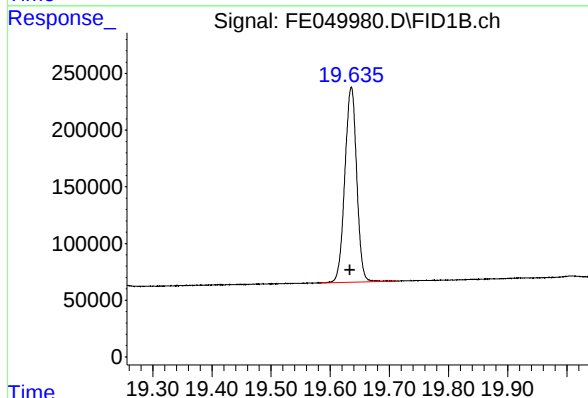
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



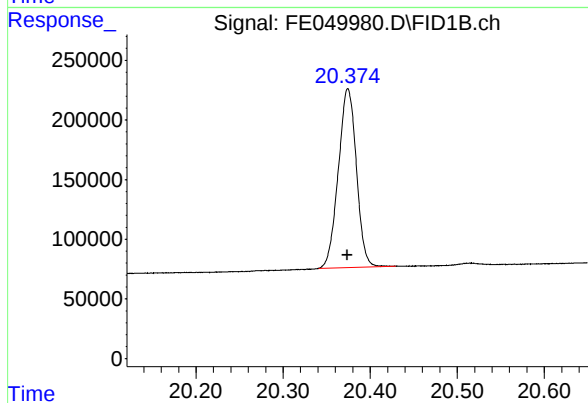
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.002 min
Response: 2587044
Conc: 19.41 ug/ml



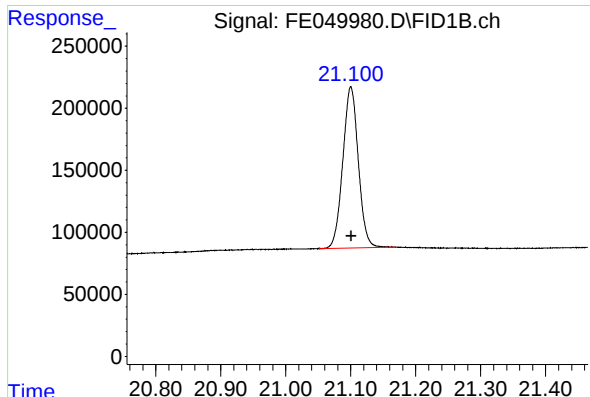
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.002 min
Response: 2394001
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 2166511
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

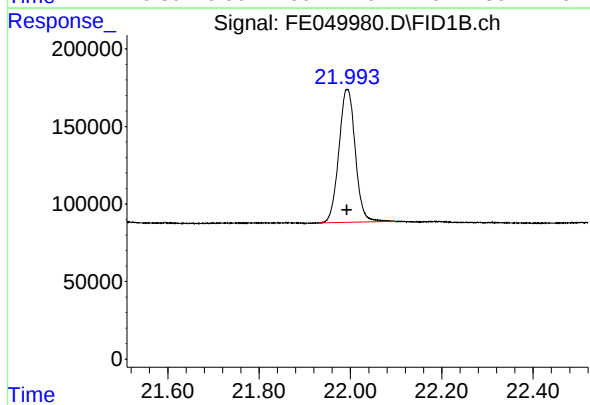
R.T.: 21.100 min
Delta R.T.: 0.000 min
Response: 2154755
Conc: 19.54 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.000 min
Response: 2138239
Conc: 19.65 ug/ml