

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037823.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 05:43
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 28 06:22:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:12:55 2022
 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)	11.612	899953	5.203 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
12) S 1-chlorooctadecane (S...	13.033	687930	5.090 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.011	728869	4.949 ug/ml
2) T n-Decane (C10)	4.268	722825	4.889 ug/ml
3) T A~Naphthalene (C11.7)	6.012	442464	3.235 ug/ml
4) T n-Dodecane (C12)	6.438	767971	5.040 ug/ml
5) T A~2-methylnaphthalene...	7.110	379541	2.863 ug/ml
6) T n-Tetradecane (C14)	8.256	769714	5.029 ug/ml
7) T n-Hexadecane (C16)	9.854	797515	5.106 ug/ml
8) T n-Octadecane (C18)	11.288	835477	5.209 ug/ml
10) T n-Eicosane (C20)	12.589	859642	5.272 ug/ml
11) T n-Heneicosane (C21)	13.196	875168	5.312 ug/ml
13) T n-Docosane (C22)	13.779	870582	5.289 ug/ml
14) T n-Tetracosane (C24)	14.874	868511	5.296 ug/ml
15) T n-Hexacosane (C26)	15.888	867579	5.321 ug/ml
16) T n-Octacosane (C28)	16.833	852206	5.320 ug/ml
17) T n-Tricontane (C30)	17.715	856420	5.352 ug/ml
18) T n-Dotriacontane (C32)	18.542	846908	5.378 ug/ml
19) T n-Tetratriacontane (C34)	19.322	799885	5.399 ug/ml
20) T n-Hexatriacontane (C36)	20.056	775278	5.378 ug/ml
21) T n-Octatriacontane (C38)	20.755	719188	5.300 ug/ml
22) T n-Tetracontane (C40)	21.523	664375	5.219 ug/ml

(f)=RT Delta > 1/2 Window

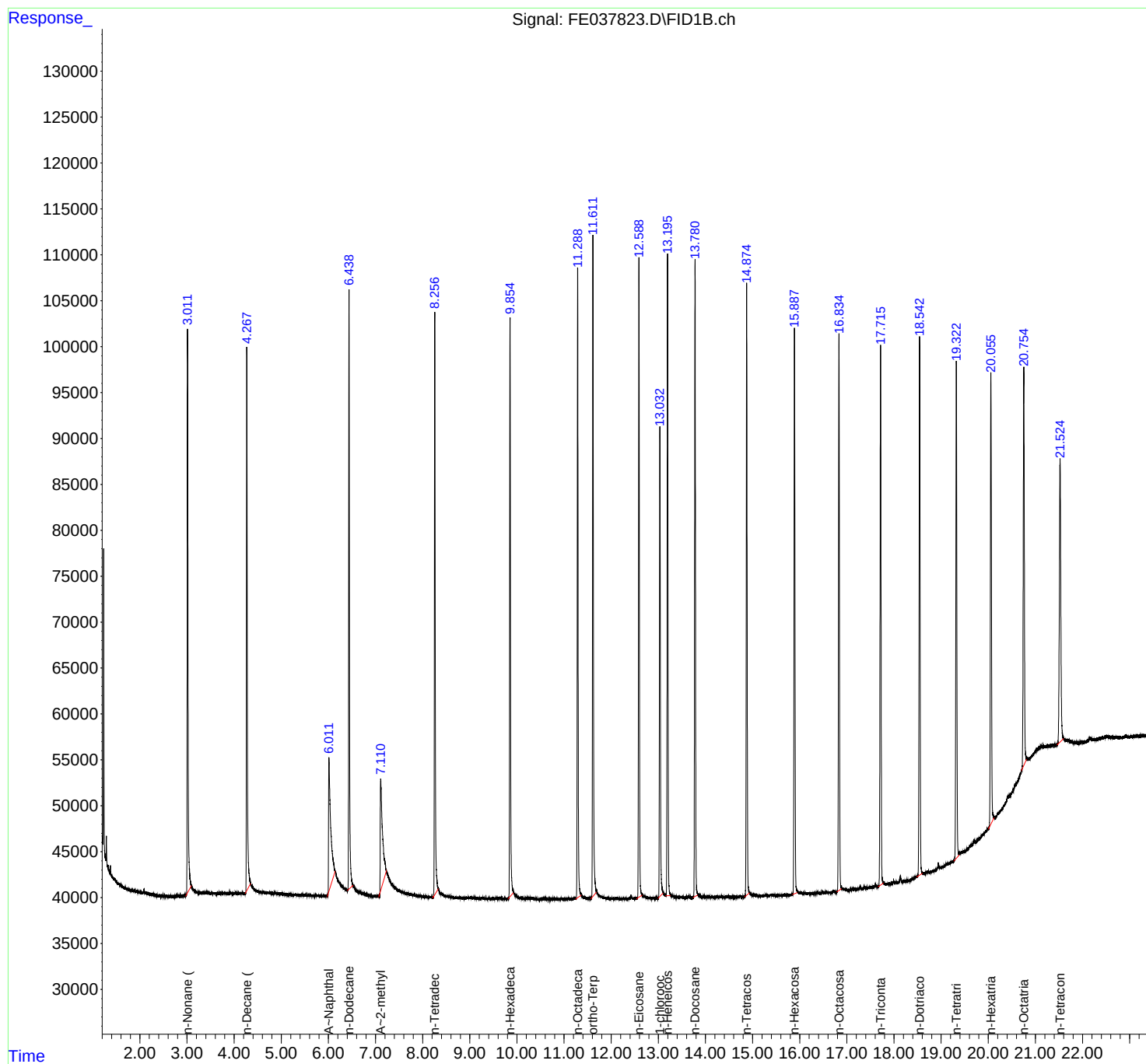
(m)=manual int.

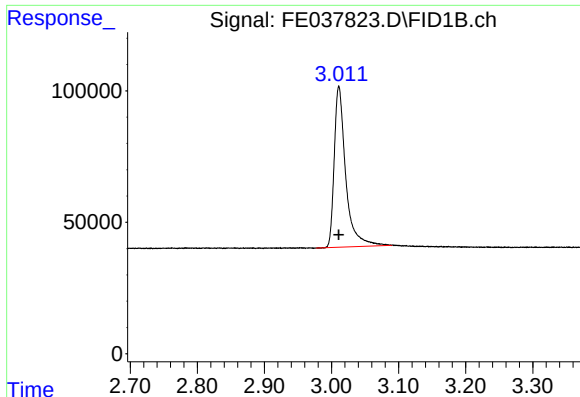
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
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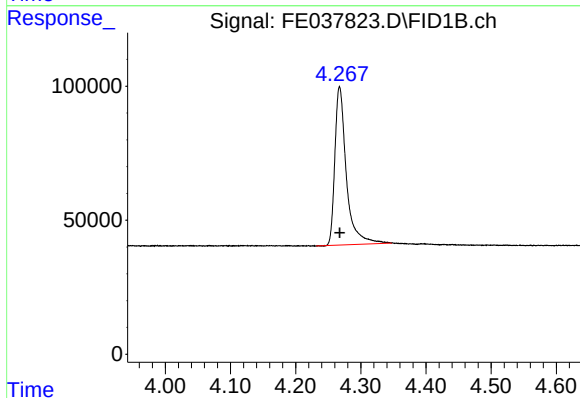




#1 n-Nonane (C9)

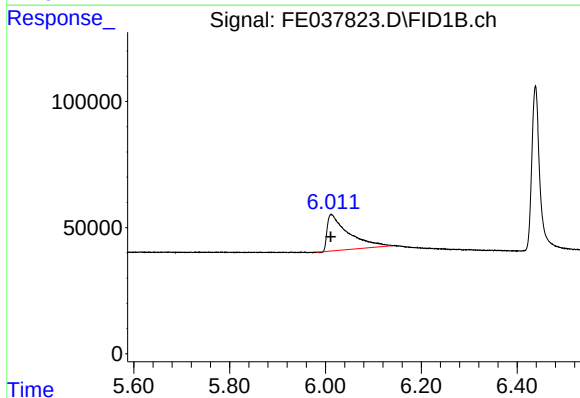
R.T.: 3.011 min
Delta R.T.: 0.000 min
Response: 728869
Conc: 4.95 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



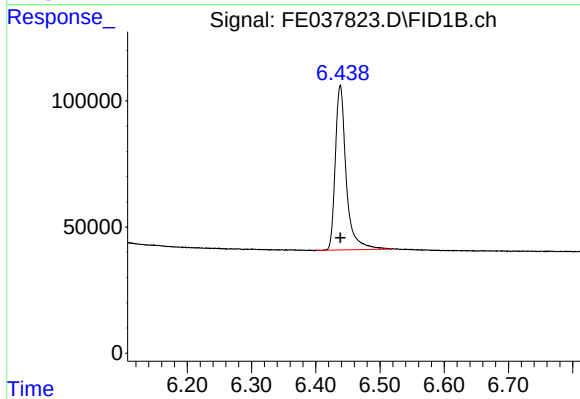
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 722825
Conc: 4.89 ug/ml



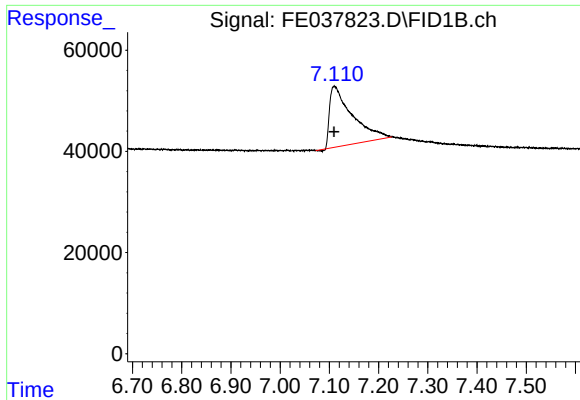
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: 0.001 min
Response: 442464
Conc: 3.24 ug/ml



#4 n-Dodecane (C12)

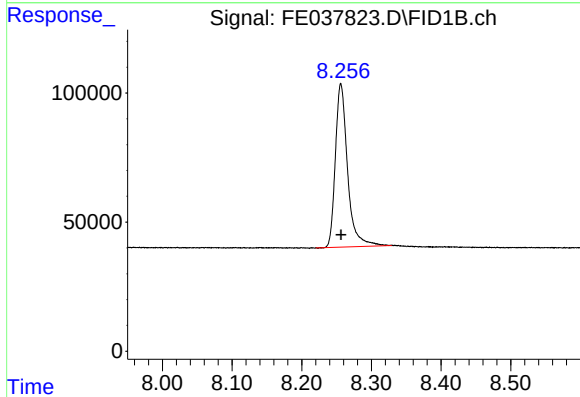
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 767971
Conc: 5.04 ug/ml



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

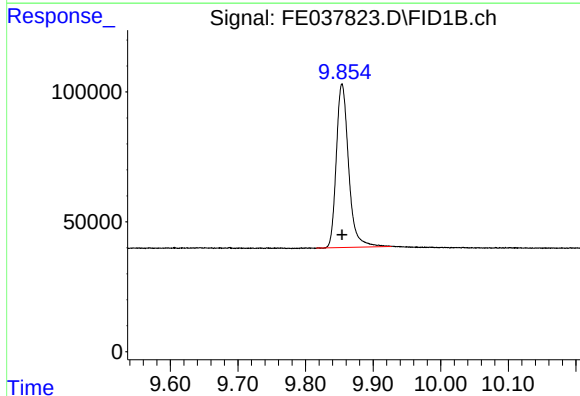
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 379541
Conc: 2.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



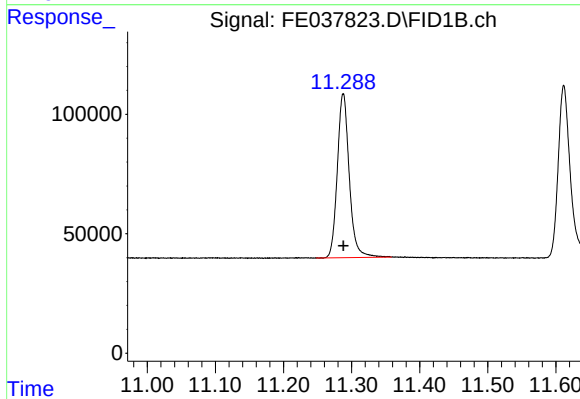
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 769714
Conc: 5.03 ug/ml



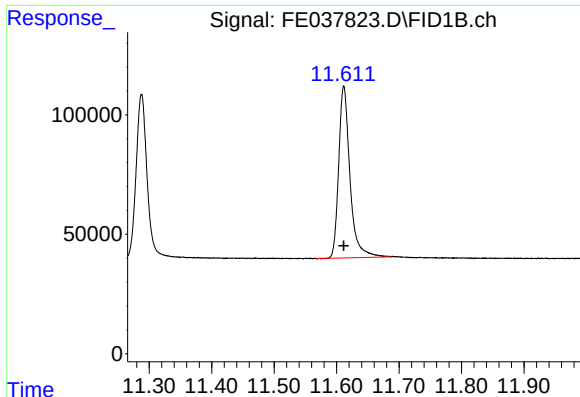
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 797515
Conc: 5.11 ug/ml



#8 n-Octadecane (C18)

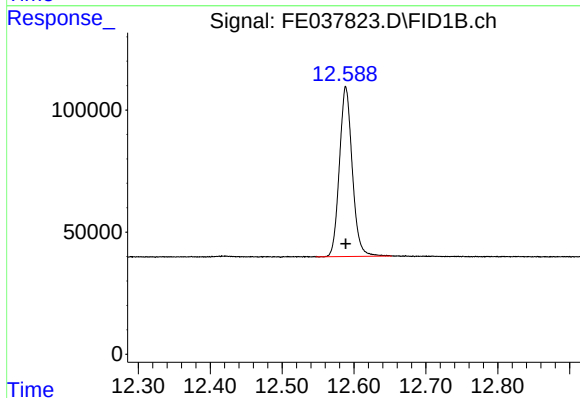
R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 835477
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

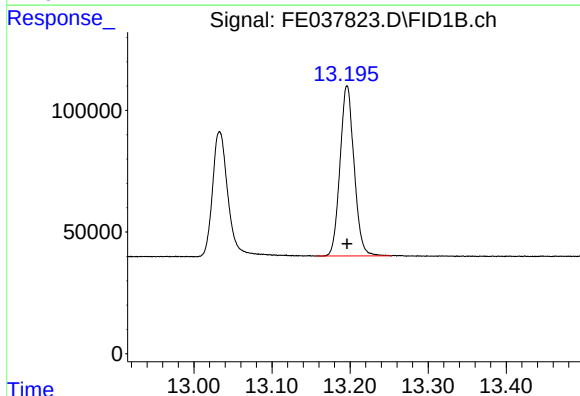
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 899953
Conc: 5.20 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



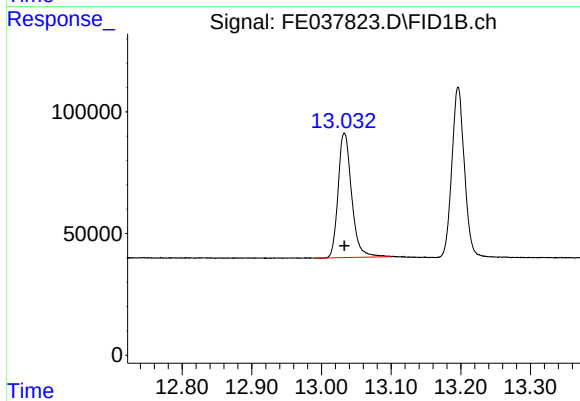
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 859642
Conc: 5.27 ug/ml



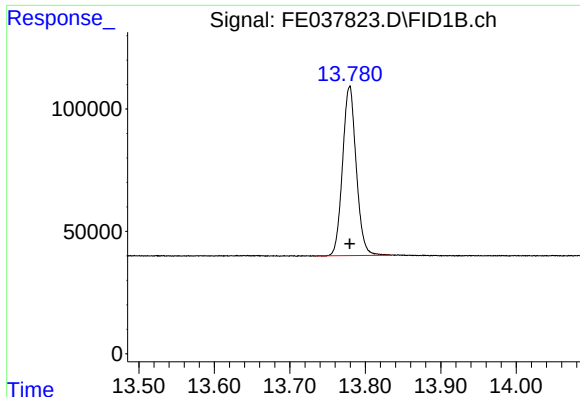
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.000 min
Response: 875168
Conc: 5.31 ug/ml



#12 1-chlorooctadecane (SURR)

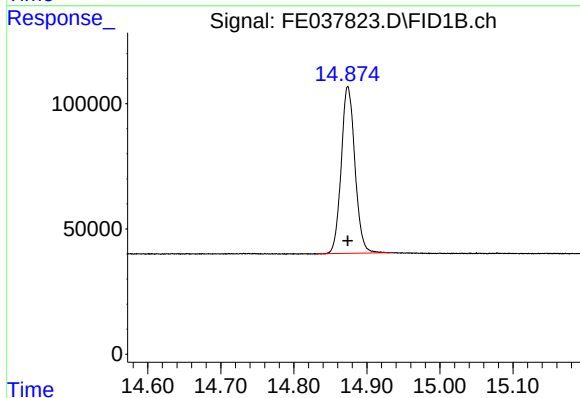
R.T.: 13.033 min
Delta R.T.: 0.000 min
Response: 687930
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

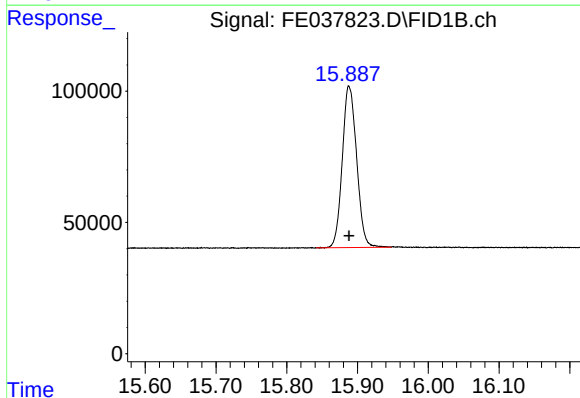
R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 870582
Conc: 5.29 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



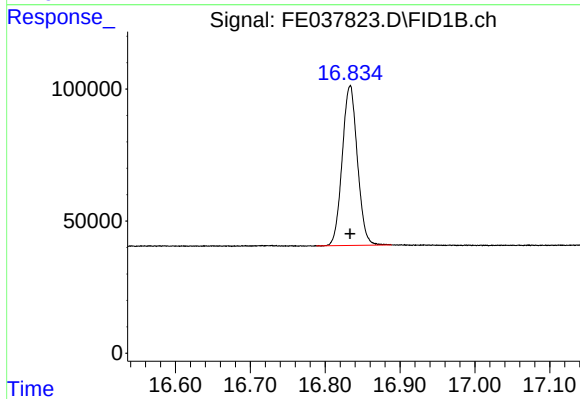
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 868511
Conc: 5.30 ug/ml



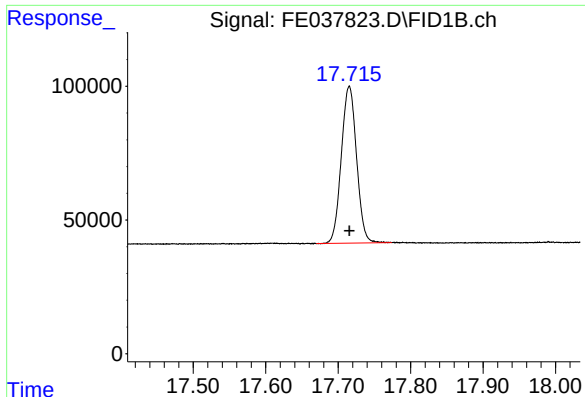
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 867579
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

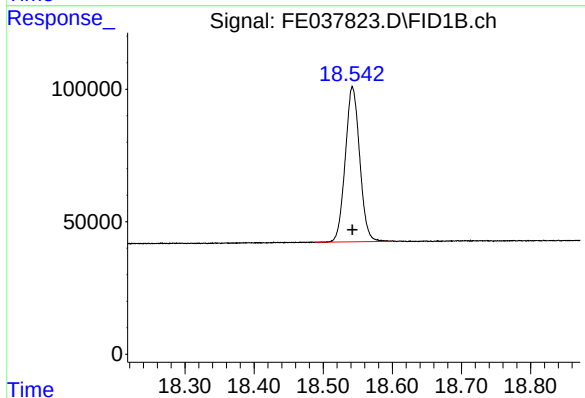
R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 852206
Conc: 5.32 ug/ml



#17 n-Tricontane (C30)

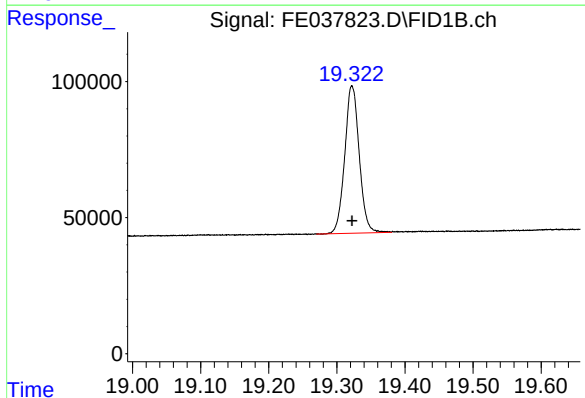
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 856420
Conc: 5.35 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



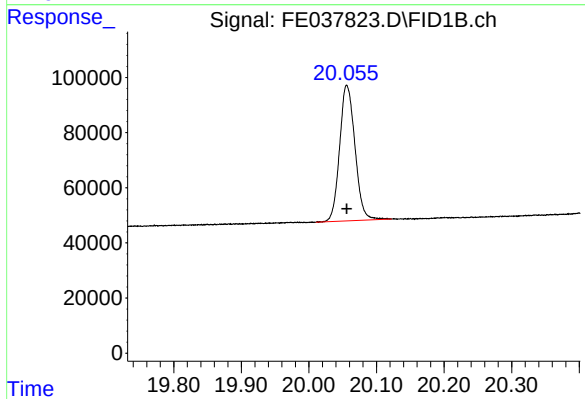
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 846908
Conc: 5.38 ug/ml



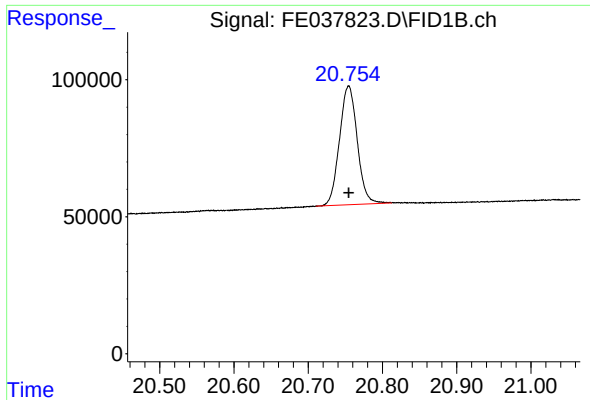
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: 0.000 min
Response: 799885
Conc: 5.40 ug/ml



#20 n-Hexatriacontane (C36)

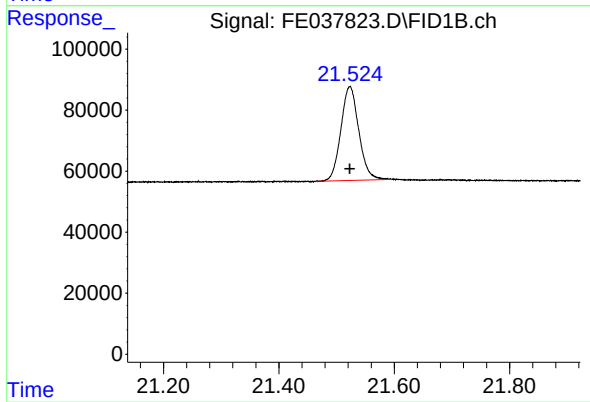
R.T.: 20.056 min
Delta R.T.: 0.000 min
Response: 775278
Conc: 5.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: 0.000 min
Response: 719188
Conc: 5.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: 0.000 min
Response: 664375
Conc: 5.22 ug/ml