

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045560.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 21:59
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 03 01:02:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:55:06 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)	11.438	885889	5.231 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
12) S 1-chlorooctadecane (S...	12.872	565602	4.971 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
Target Compounds			
1) T n-Nonane (C9)	3.258	745253	5.274 ug/ml
2) T n-Decane (C10)	4.316	763701	5.298 ug/ml
3) T A~Naphthalene (C11.7)	5.883	816628	5.221 ug/ml
4) T n-Dodecane (C12)	6.321	765653	5.286 ug/ml
5) T A~2-methylnaphthalene...	6.932	763753	5.135 ug/ml
6) T n-Tetradecane (C14)	8.107	752890	5.241 ug/ml
7) T n-Hexadecane (C16)	9.698	763918	5.188 ug/ml
8) T n-Octadecane (C18)	11.131	783175	5.241 ug/ml
10) T n-Eicosane (C20)	12.432	732732	5.188 ug/ml
11) T n-Heneicosane (C21)	13.041	717060	5.186 ug/ml
13) T n-Docosane (C22)	13.623	701885	5.152 ug/ml
14) T n-Tetracosane (C24)	14.718	688961	5.174 ug/ml
15) T n-Hexacosane (C26)	15.732	660012	5.164 ug/ml
16) T n-Octacosane (C28)	16.675	636715	5.188 ug/ml
17) T n-Tricontane (C30)	17.557	640365	5.264 ug/ml
18) T n-Dotriacontane (C32)	18.383	630323	5.322 ug/ml
19) T n-Tetratriacontane (C34)	19.160	609585	5.312 ug/ml
20) T n-Hexatriacontane (C36)	19.892	565372	5.201 ug/ml
21) T n-Octatriacontane (C38)	20.597	529450	5.140 ug/ml
22) T n-Tetracontane (C40)	21.431	490134	5.179 ug/ml

(f)=RT Delta > 1/2 Window

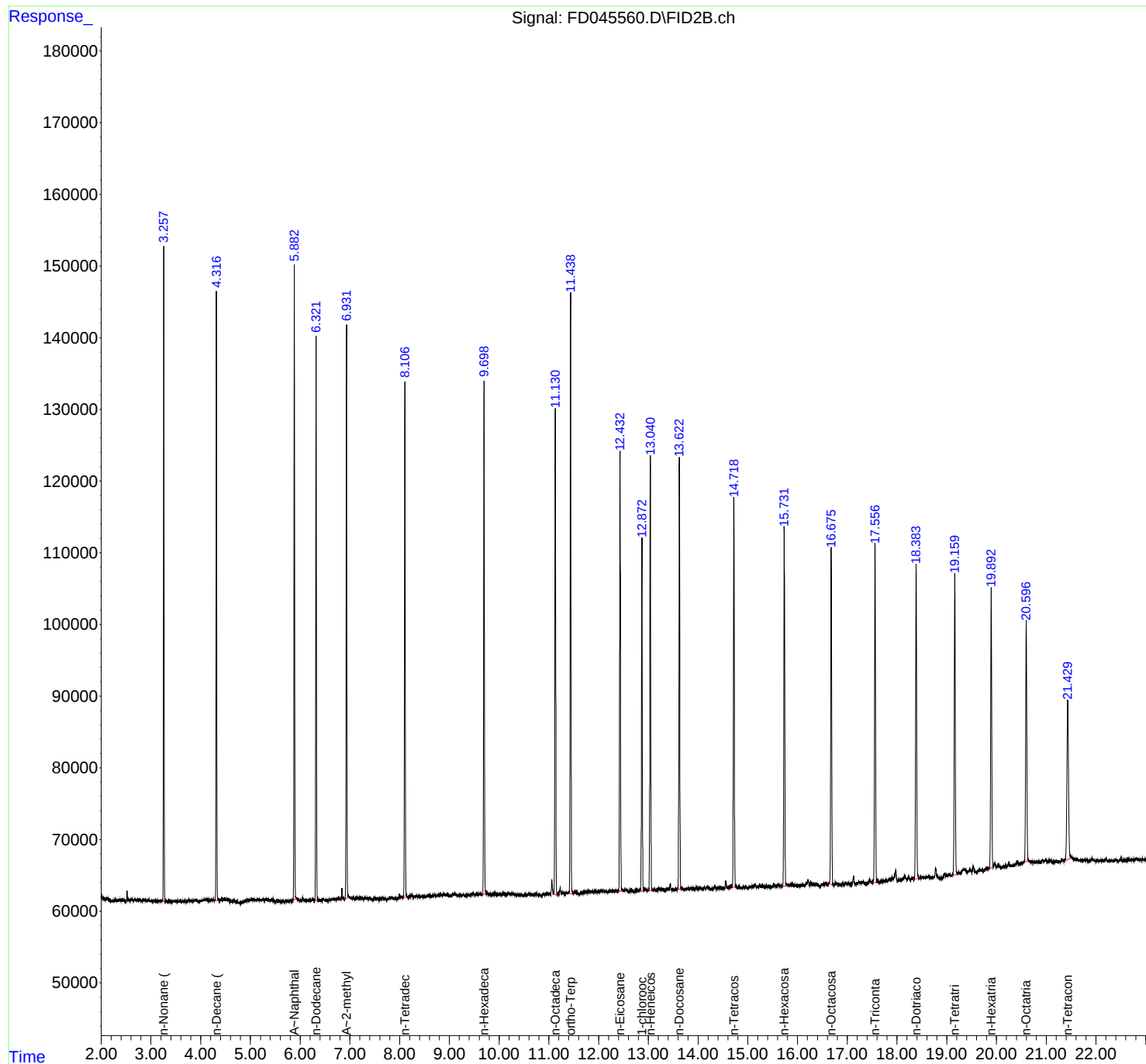
(m)=manual int.

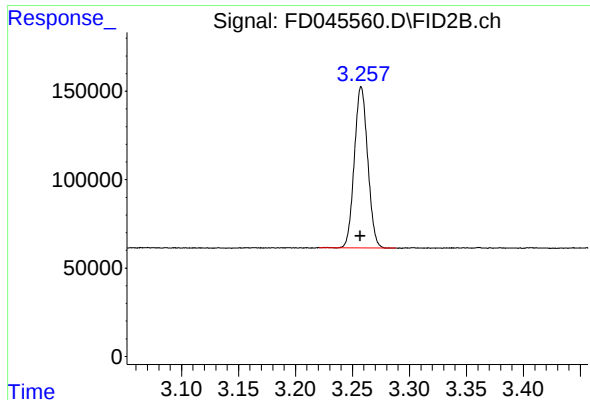
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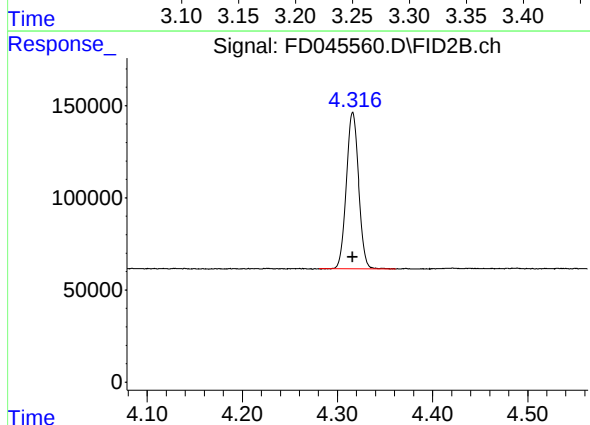




#1 n-Nonane (C9)

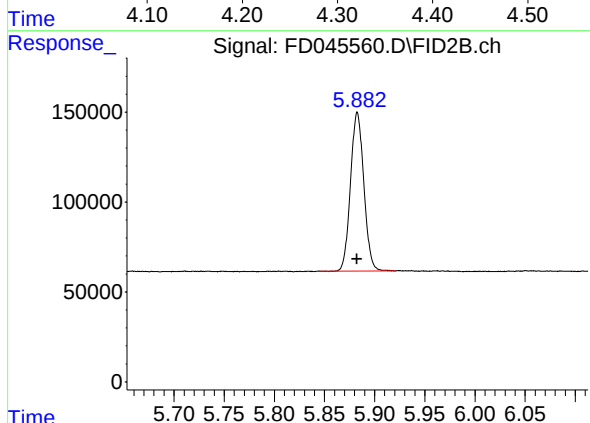
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 745253
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



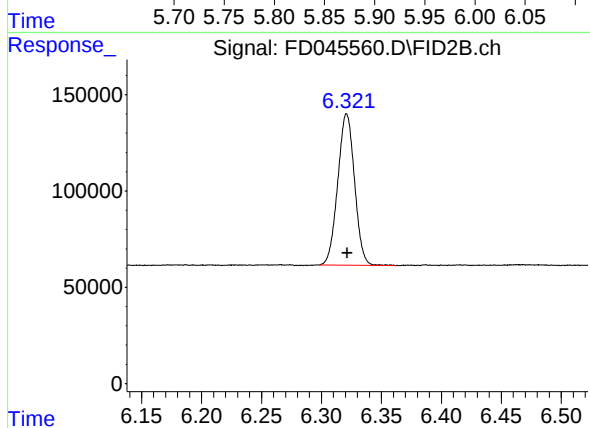
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 763701
Conc: 5.30 ug/ml



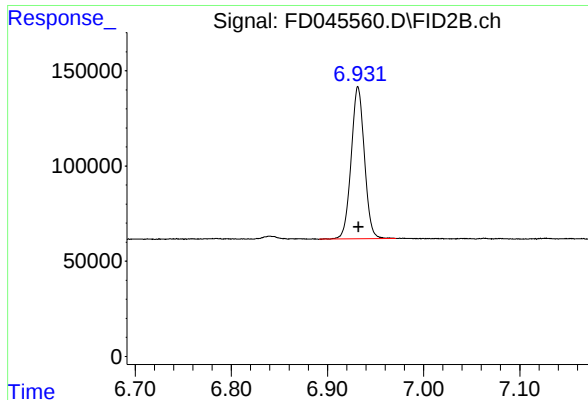
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 816628
Conc: 5.22 ug/ml



#4 n-Dodecane (C12)

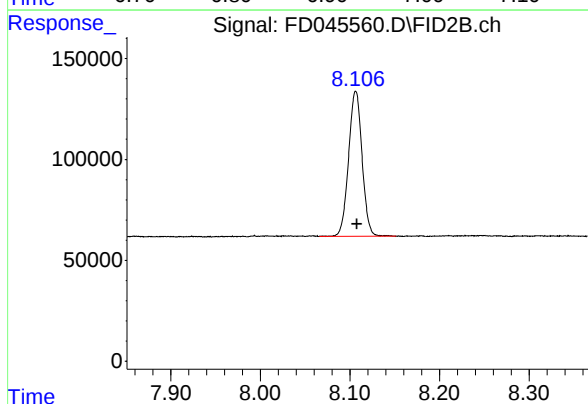
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 765653
Conc: 5.29 ug/ml



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

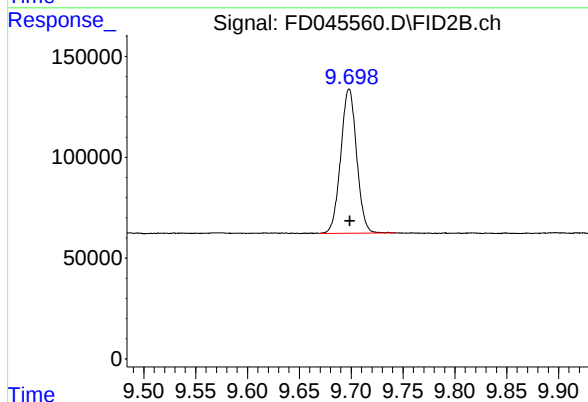
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 763753
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



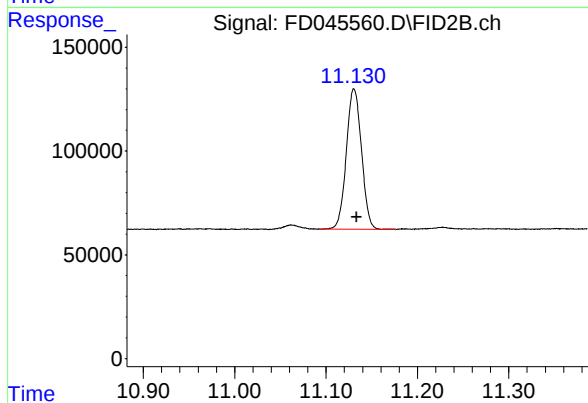
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.001 min
Response: 752890
Conc: 5.24 ug/ml



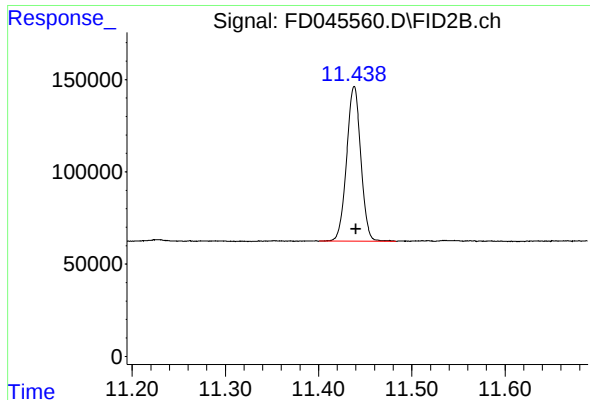
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.001 min
Response: 763918
Conc: 5.19 ug/ml



#8 n-Octadecane (C18)

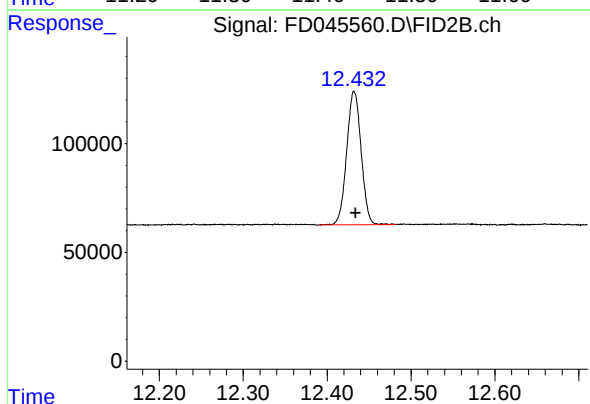
R.T.: 11.131 min
Delta R.T.: -0.003 min
Response: 783175
Conc: 5.24 ug/ml



#9 ortho-Terphenyl (SURR)

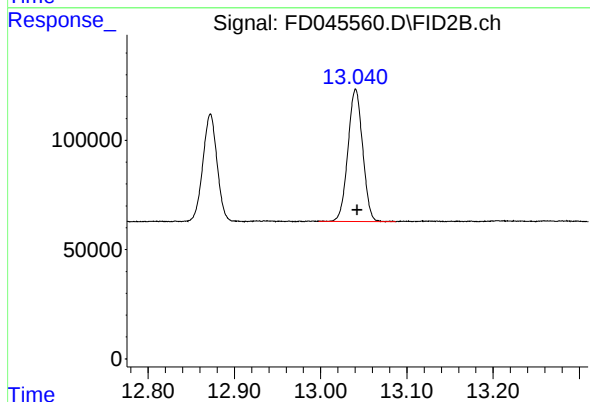
R.T.: 11.438 min
Delta R.T.: -0.002 min
Response: 885889
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



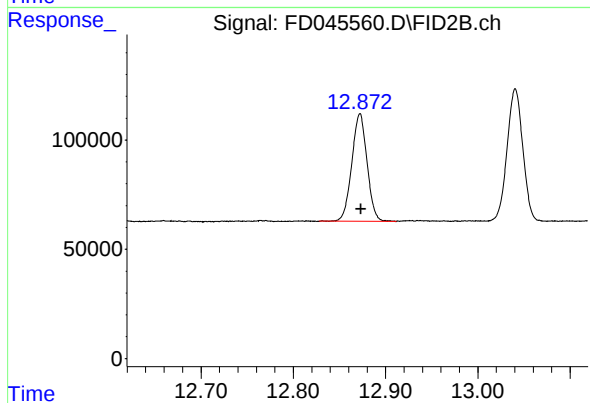
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.002 min
Response: 732732
Conc: 5.19 ug/ml



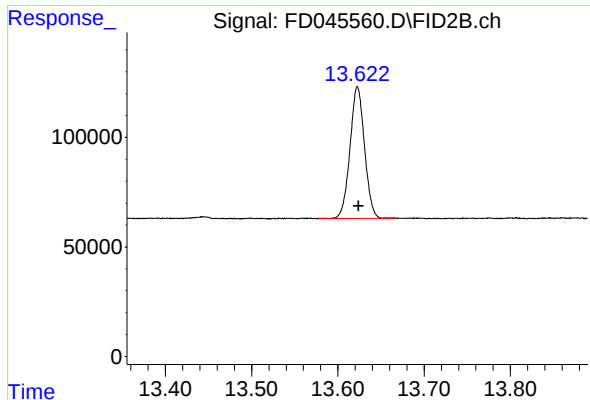
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.002 min
Response: 717060
Conc: 5.19 ug/ml



#12 1-chlorooctadecane (SURR)

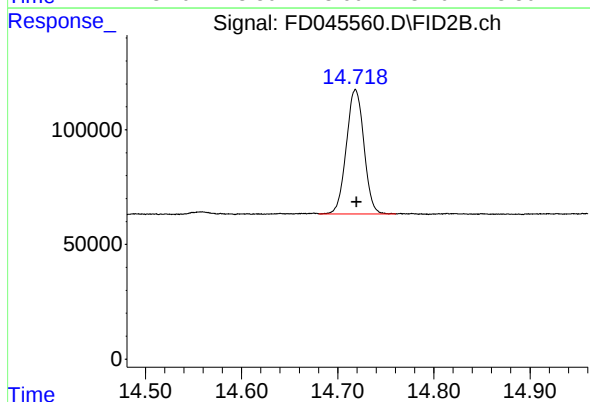
R.T.: 12.872 min
Delta R.T.: 0.000 min
Response: 565602
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

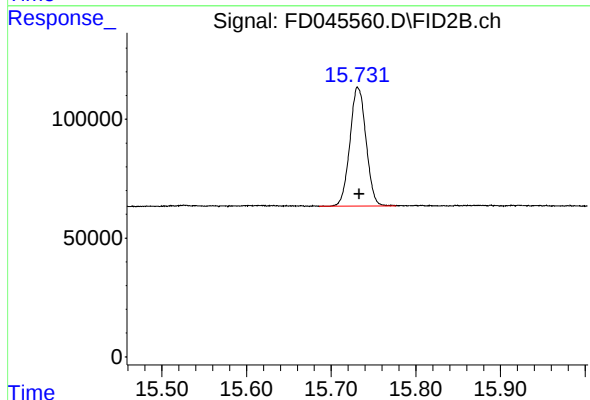
R.T.: 13.623 min
Delta R.T.: -0.002 min
Response: 701885
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



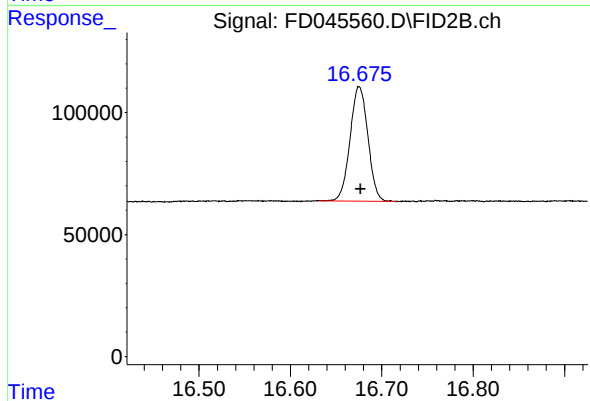
#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.001 min
Response: 688961
Conc: 5.17 ug/ml



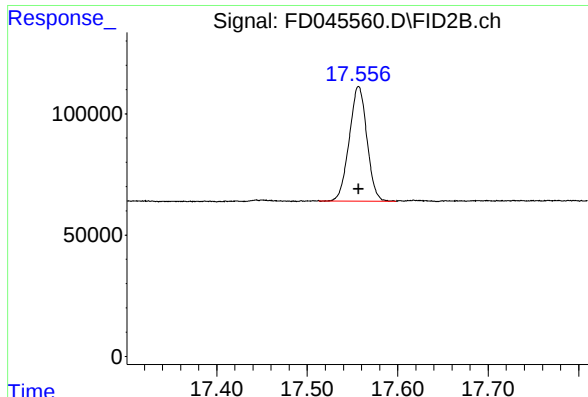
#15 n-Hexacosane (C26)

R.T.: 15.732 min
Delta R.T.: -0.002 min
Response: 660012
Conc: 5.16 ug/ml



#16 n-Octacosane (C28)

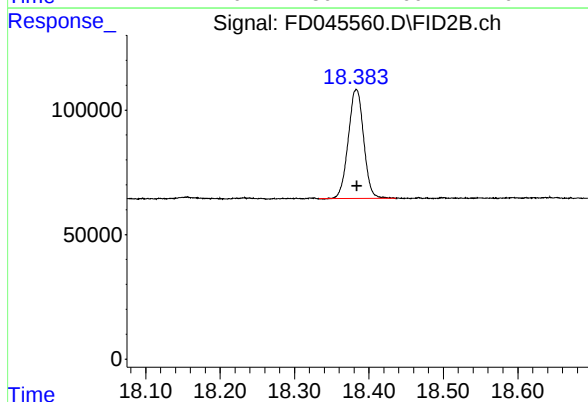
R.T.: 16.675 min
Delta R.T.: -0.002 min
Response: 636715
Conc: 5.19 ug/ml



#17 n-Tricontane (C30)

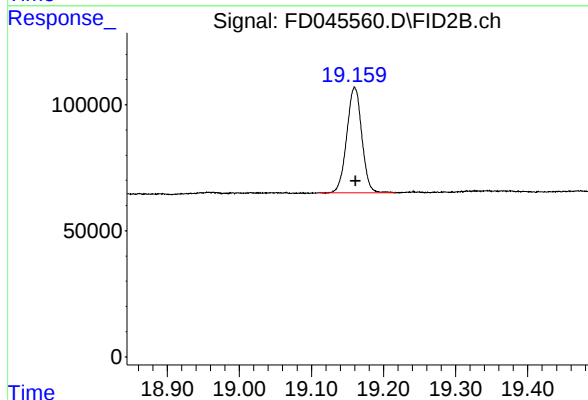
R.T.: 17.557 min
Delta R.T.: 0.000 min
Response: 640365
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



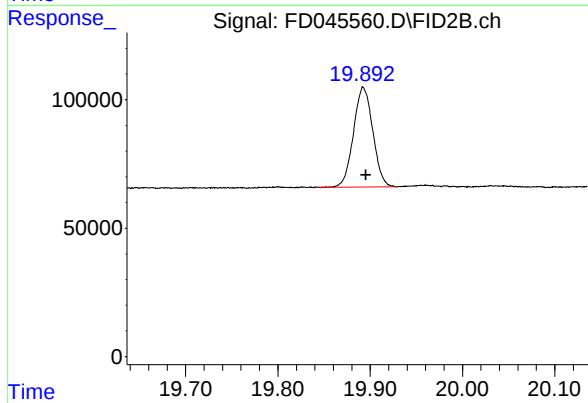
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 630323
Conc: 5.32 ug/ml



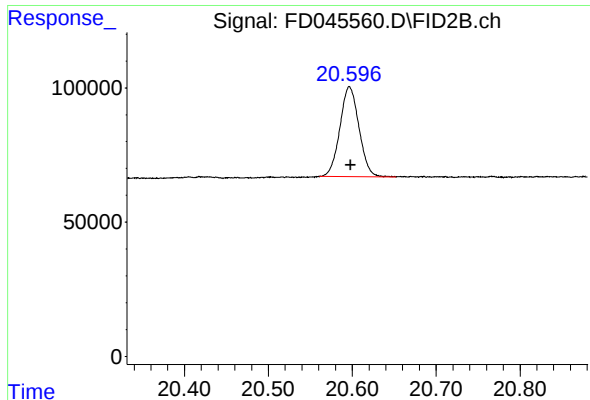
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.001 min
Response: 609585
Conc: 5.31 ug/ml



#20 n-Hexatriacontane (C36)

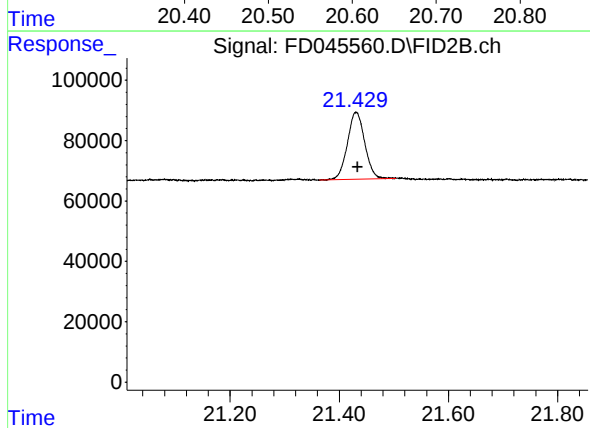
R.T.: 19.892 min
Delta R.T.: -0.003 min
Response: 565372
Conc: 5.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.002 min
Response: 529450
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: -0.002 min
Response: 490134
Conc: 5.18 ug/ml