

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049222.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 00:32
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 03 07:09:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:07:22 2025
 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)	11.671	16747042	93.869 ug/ml
Spiked Amount 50.000		Recovery =	187.74%
12) S 1-chlorooctadecane (S...	13.094	12037425	92.593 ug/ml
Spiked Amount 50.000		Recovery =	185.19%
Target Compounds			
1) T n-Nonane (C9)	3.432	11037151	89.400 ug/ml
2) T n-Decane (C10)	4.504	11246828	89.797 ug/ml
3) T A~Naphthalene (C11.7)	6.094	13234645	90.025 ug/ml
4) T n-Dodecane (C12)	6.521	11537006	91.182 ug/ml
5) T A~2-methylnaphthalene...	7.150	12922743	91.180 ug/ml
6) T n-Tetradecane (C14)	8.312	12073969	92.519 ug/ml
7) T n-Hexadecane (C16)	9.908	13391611	93.622 ug/ml
8) T n-Octadecane (C18)	11.347	14354742	92.535 ug/ml
10) T n-Eicosane (C20)	12.650	14160723	91.555 ug/ml
11) T n-Heneicosane (C21)	13.260	13997447	91.146 ug/ml
13) T n-Docosane (C22)	13.844	13935169	90.885 ug/ml
14) T n-Tetracosane (C24)	14.942	13675570	90.267 ug/ml
15) T n-Hexacosane (C26)	15.958	13080240	90.381 ug/ml
16) T n-Octacosane (C28)	16.904	12315071	90.843 ug/ml
17) T n-Tricontane (C30)	17.787	11804729	90.957 ug/ml
18) T n-Dotriacontane (C32)	18.614	10722603	91.612 ug/ml
19) T n-Tetratriacontane (C34)	19.393	9263729	93.387 ug/ml
20) T n-Hexatriacontane (C36)	20.127	7549811	96.218 ug/ml
21) T n-Octatriacontane (C38)	20.864	6217722	98.963 ug/ml
22) T n-Tetracontane (C40)	21.787	4873124	106.851 ug/ml

(f)=RT Delta > 1/2 Window

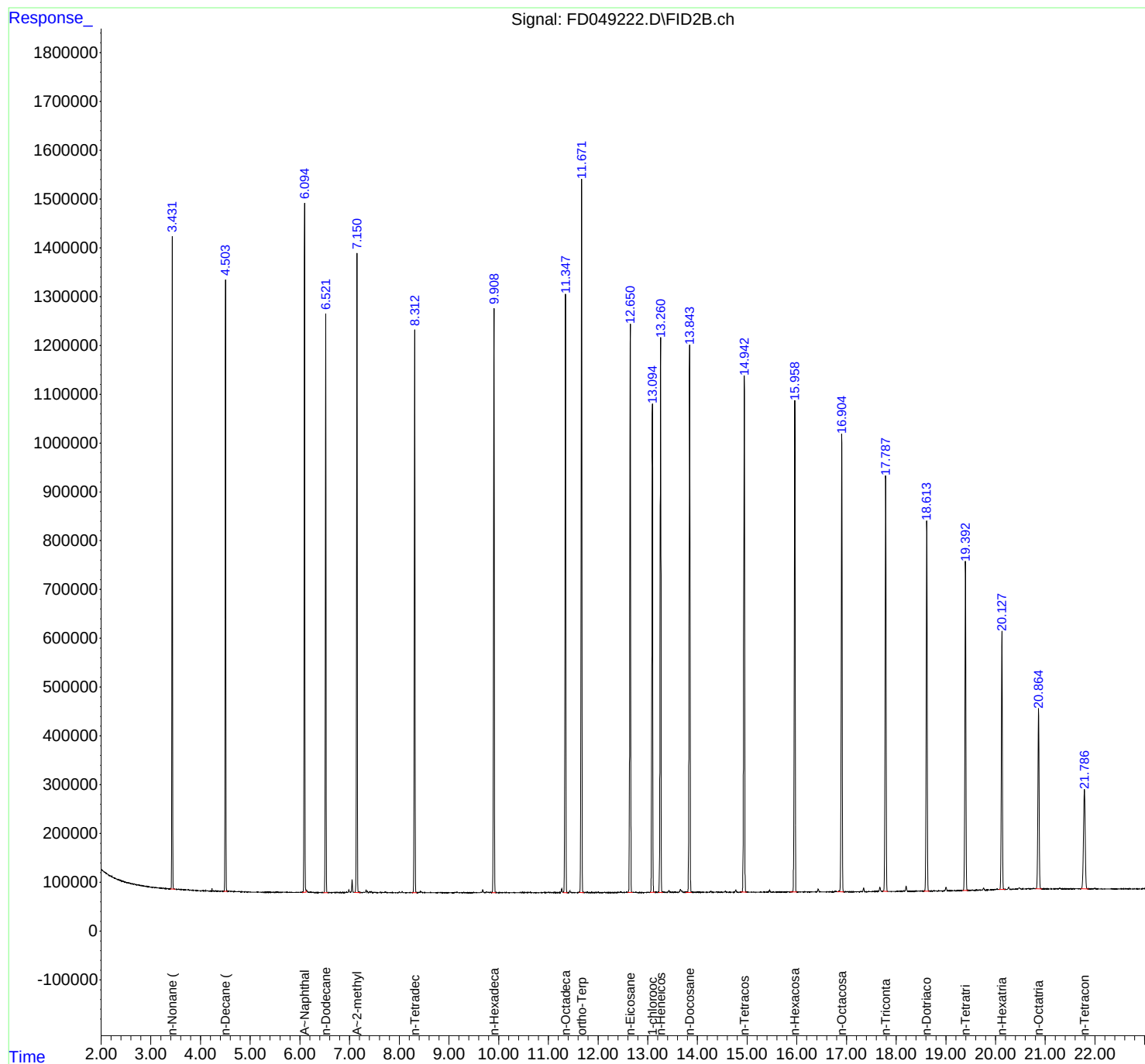
(m)=manual int.

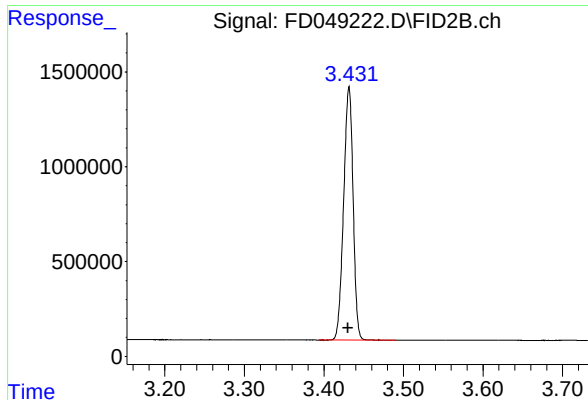
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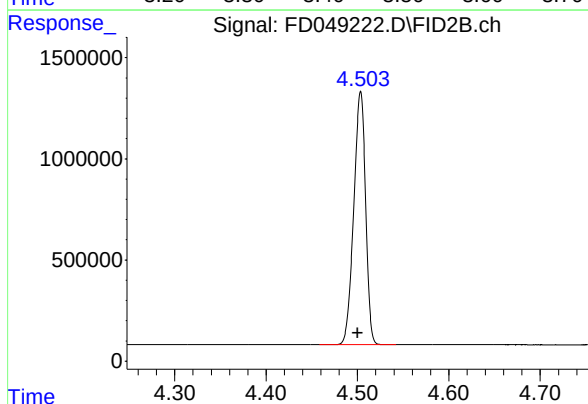




#1 n-Nonane (C9)

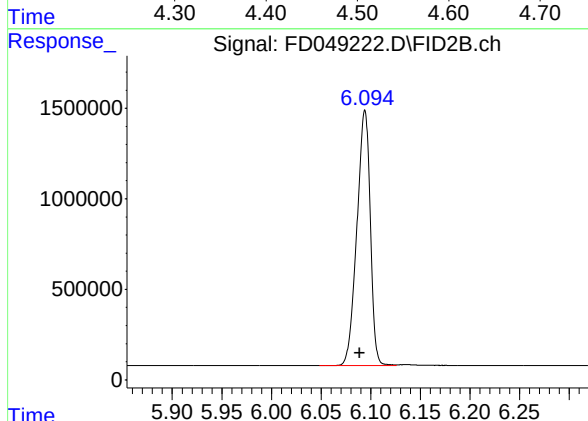
R.T.: 3.432 min
Delta R.T.: 0.002 min
Response: 11037151
Conc: 89.40 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



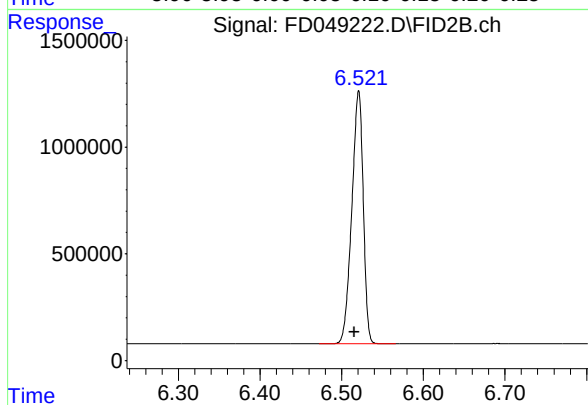
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.003 min
Response: 11246828
Conc: 89.80 ug/ml



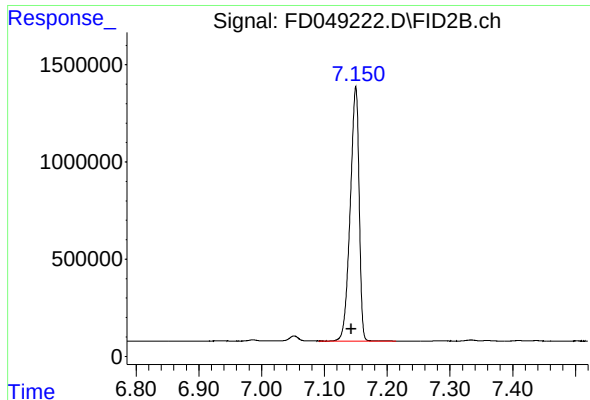
#3 A~Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: 0.005 min
Response: 13234645
Conc: 90.03 ug/ml



#4 n-Dodecane (C12)

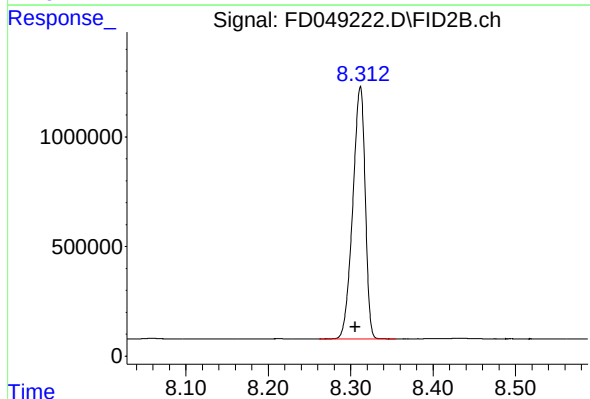
R.T.: 6.521 min
Delta R.T.: 0.005 min
Response: 11537006
Conc: 91.18 ug/ml



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

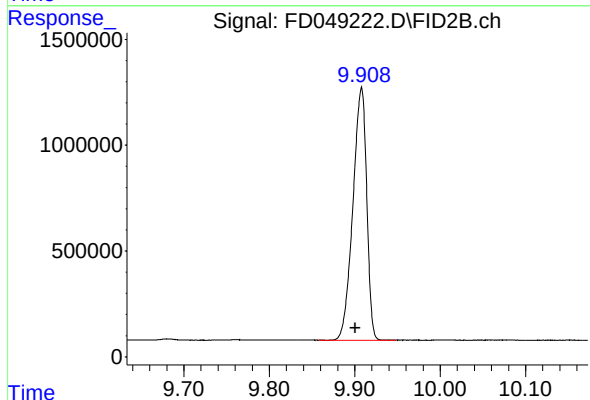
R.T.: 7.150 min
Delta R.T.: 0.007 min
Response: 12922743
Conc: 91.18 ug/ml

Instrument :
FID_D
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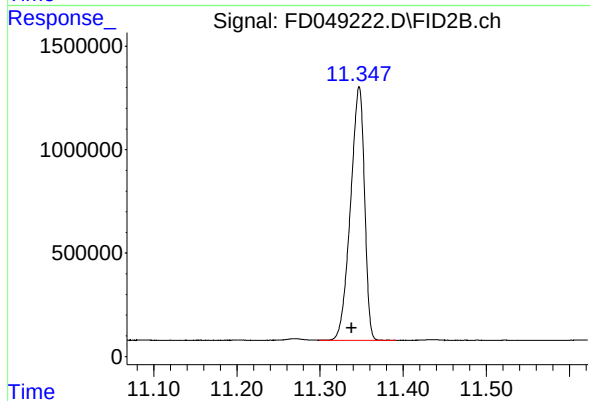
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.006 min
Response: 12073969
Conc: 92.52 ug/ml



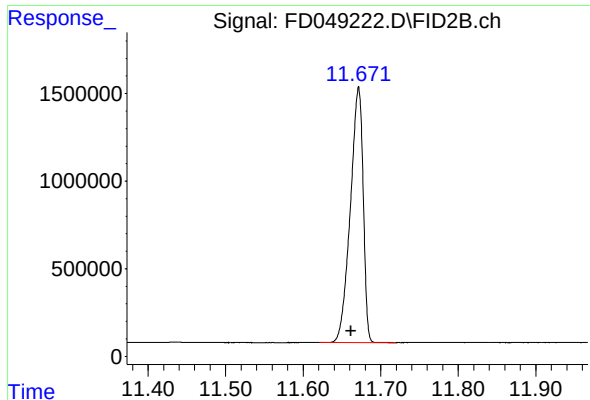
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: 0.007 min
Response: 13391611
Conc: 93.62 ug/ml



#8 n-Octadecane (C18)

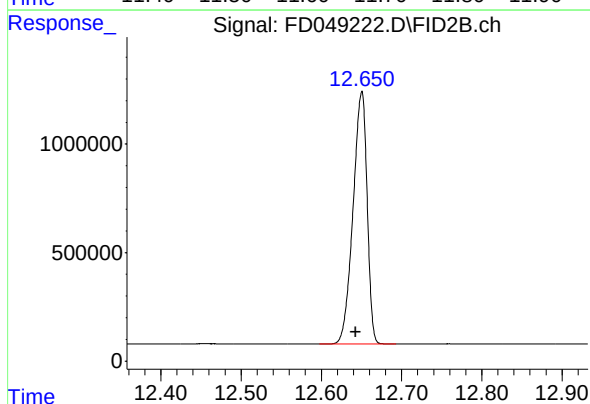
R.T.: 11.347 min
Delta R.T.: 0.009 min
Response: 14354742
Conc: 92.54 ug/ml



#9 ortho-Terphenyl (SURR)

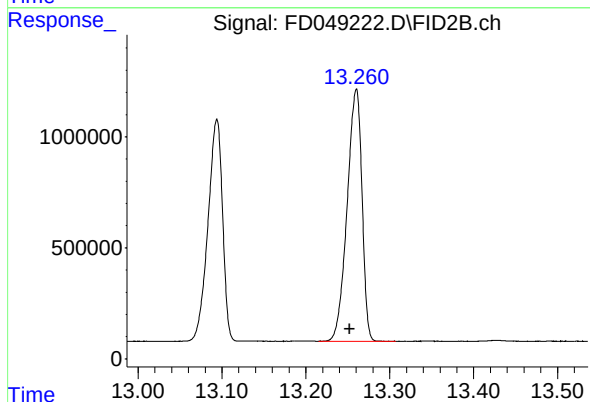
R.T.: 11.671 min
Delta R.T.: 0.010 min
Response: 16747042
Conc: 93.87 ug/ml

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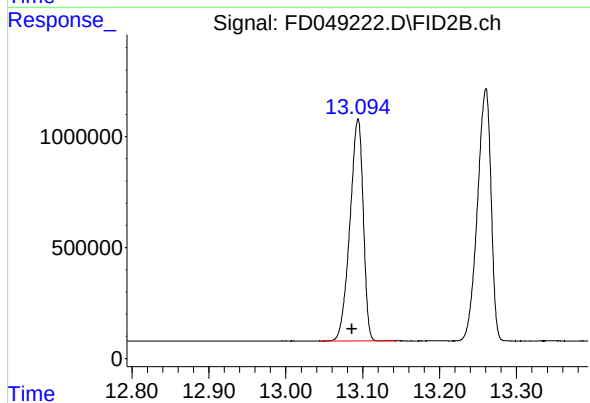
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: 0.008 min
Response: 14160723
Conc: 91.55 ug/ml



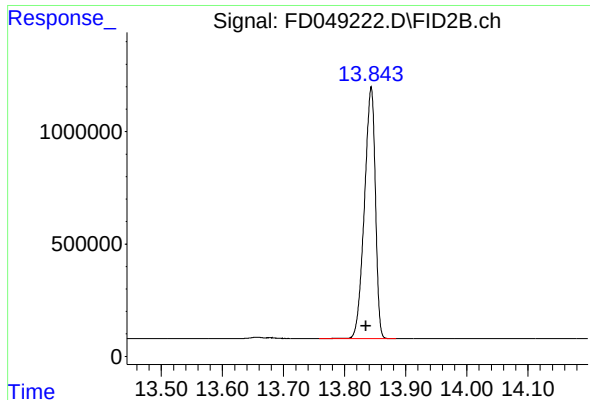
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.008 min
Response: 13997447
Conc: 91.15 ug/ml



#12 1-chlorooctadecane (SURR)

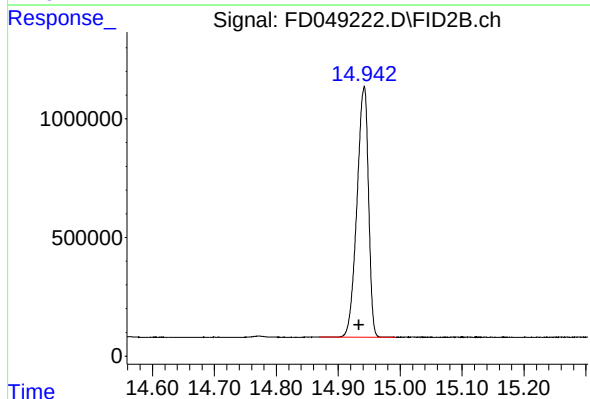
R.T.: 13.094 min
Delta R.T.: 0.008 min
Response: 12037425
Conc: 92.59 ug/ml



#13 n-Docosane (C22)

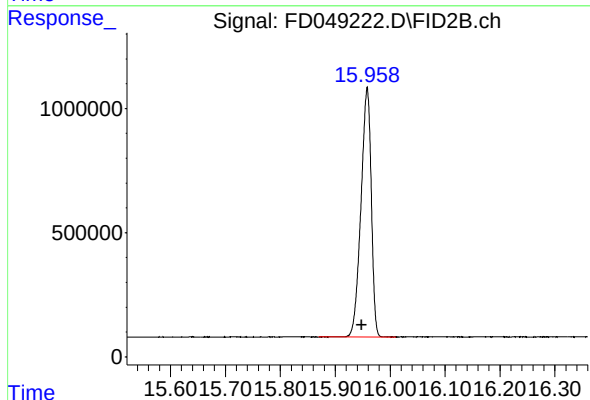
R.T.: 13.844 min
Delta R.T.: 0.008 min
Response: 13935169
Conc: 90.89 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



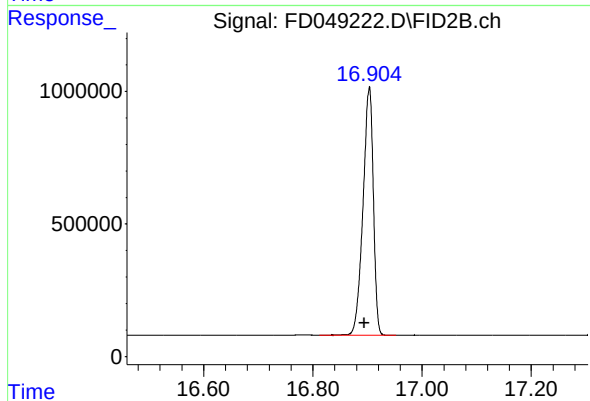
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: 0.008 min
Response: 13675570
Conc: 90.27 ug/ml



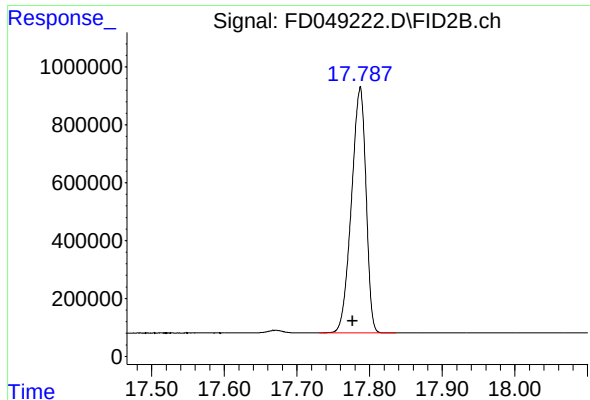
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.010 min
Response: 13080240
Conc: 90.38 ug/ml



#16 n-Octacosane (C28)

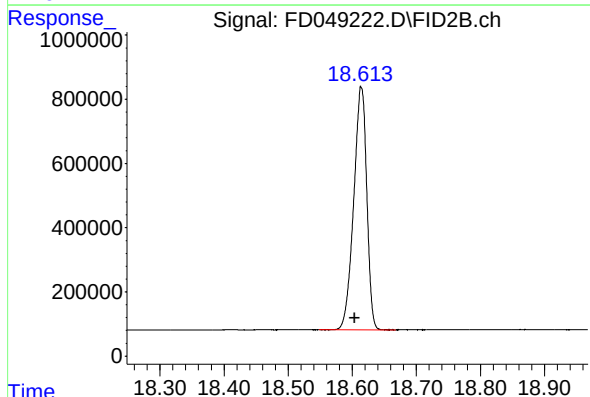
R.T.: 16.904 min
Delta R.T.: 0.009 min
Response: 12315071
Conc: 90.84 ug/ml



#17 n-Tricontane (C30)

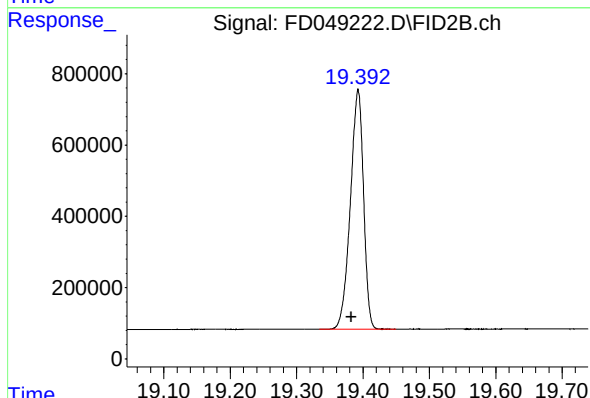
R.T.: 17.787 min
Delta R.T.: 0.010 min
Response: 11804729
Conc: 90.96 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



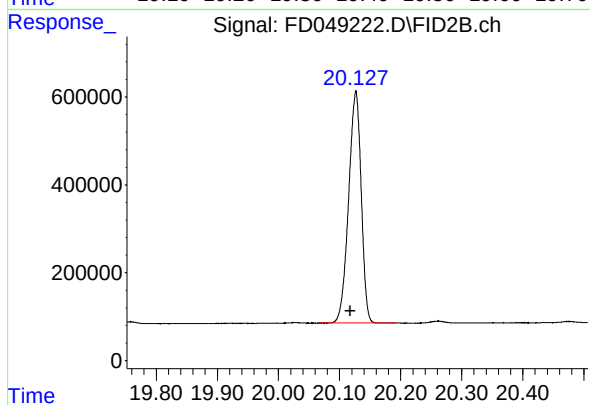
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: 0.010 min
Response: 10722603
Conc: 91.61 ug/ml



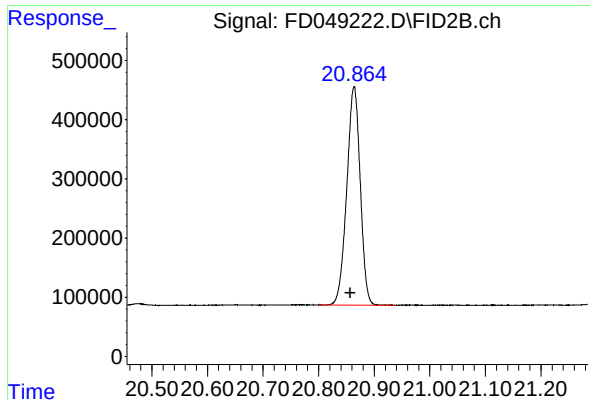
#19 n-Tetatriacontane (C34)

R.T.: 19.393 min
Delta R.T.: 0.010 min
Response: 9263729
Conc: 93.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: 0.009 min
Response: 7549811
Conc: 96.22 ug/ml



#21 n-Octatriacontane (C38)

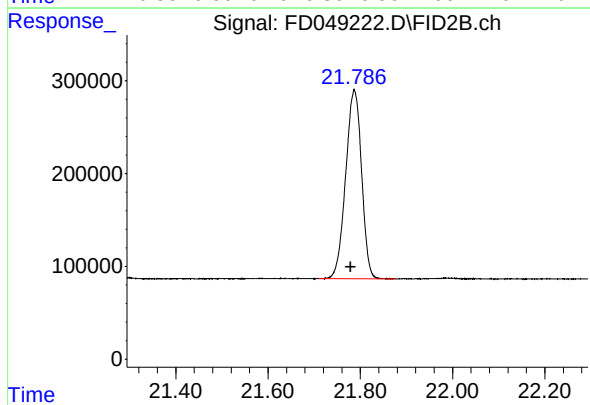
R.T.: 20.864 min
Delta R.T.: 0.007 min
Response: 6217722
Conc: 98.96 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: 0.008 min
Response: 4873124
Conc: 106.85 ug/ml