

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037050.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 19:42
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 22 03:23:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:22:42 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.488	11784485	98.524 ug/ml
Spiked Amount 50.000		Recovery =	197.05%
12) S 1-chlorooctadecane (S...	12.918	8761973	101.095 ug/ml
Spiked Amount 50.000		Recovery =	202.19%
Target Compounds			
1) T n-Nonane (C9)	3.280	11799311	97.701 ug/ml
2) T n-Decane (C10)	4.343	11875856	97.728 ug/ml
3) T A~Naphthalene (C11.7)	5.919	13249748	98.451 ug/ml
4) T n-Dodecane (C12)	6.355	11905745	97.697 ug/ml
5) T A~2-methylnaphthalene...	6.973	13329989	98.881 ug/ml
6) T n-Tetradecane (C14)	8.144	11634203	97.825 ug/ml
7) T n-Hexadecane (C16)	9.738	11077824	98.195 ug/ml
8) T n-Octadecane (C18)	11.176	11081384	98.219 ug/ml
10) T n-Eicosane (C20)	12.477	10738280	98.512 ug/ml
11) T n-Heneicosane (C21)	13.087	10545666	98.205 ug/ml
13) T n-Docosane (C22)	13.669	10381454	98.750 ug/ml
14) T n-Tetracosane (C24)	14.766	10146735	98.297 ug/ml
15) T n-Hexacosane (C26)	15.781	9887258	99.122 ug/ml
16) T n-Octacosane (C28)	16.726	9808002	99.418 ug/ml
17) T n-Tricontane (C30)	17.608	9765778	99.357 ug/ml
18) T n-Dotriacontane (C32)	18.438	9695752	97.579 ug/ml
19) T n-Tetratriacontane (C34)	19.215	9627700	99.280 ug/ml
20) T n-Hexatriacontane (C36)	19.951	9445586	100.404 ug/ml
21) T n-Octatriacontane (C38)	20.662	8945268	103.172 ug/ml
22) T n-Tetracontane (C40)	21.514	9573540	98.277 ug/ml

(f)=RT Delta > 1/2 Window

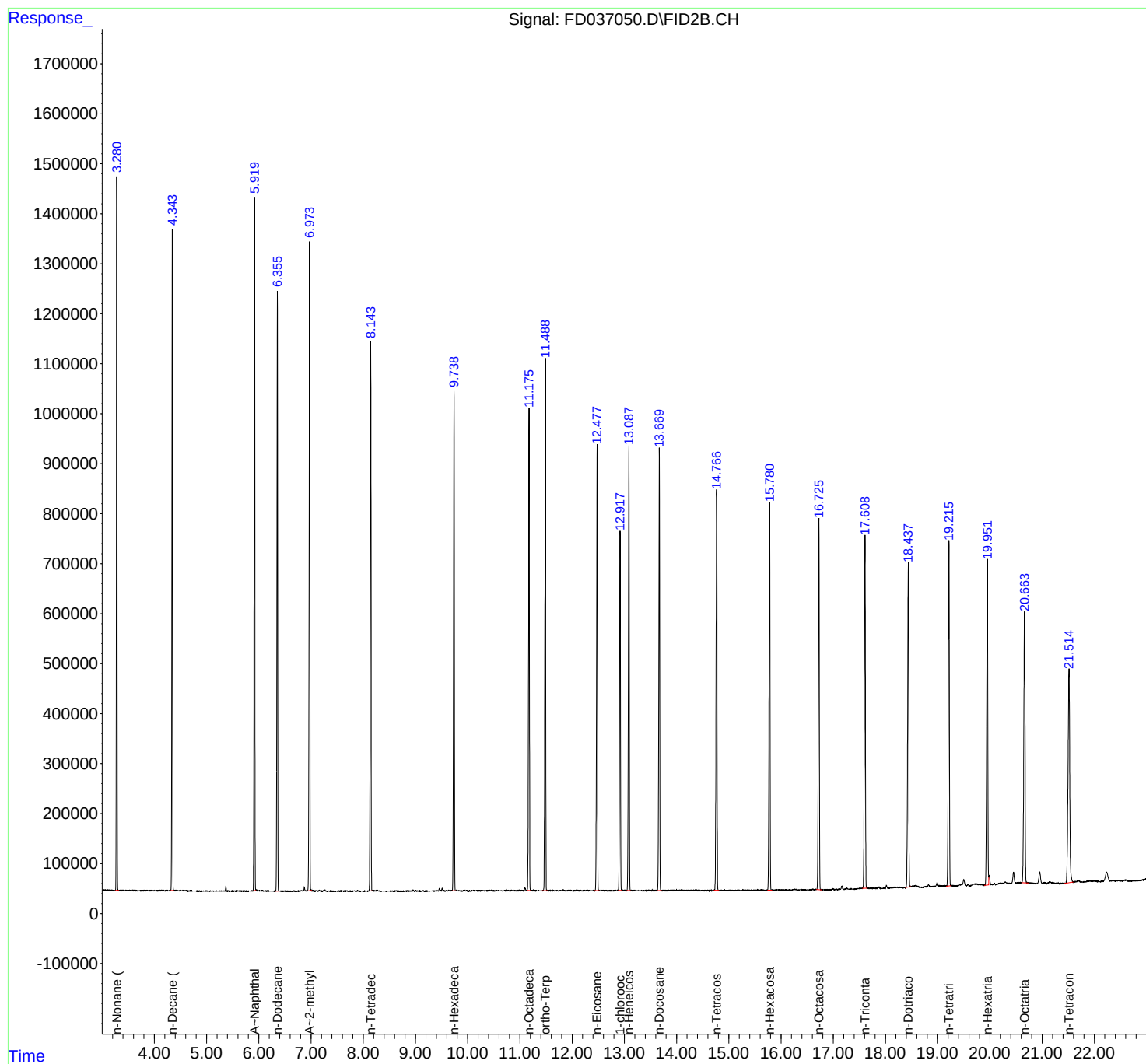
(m)=manual int.

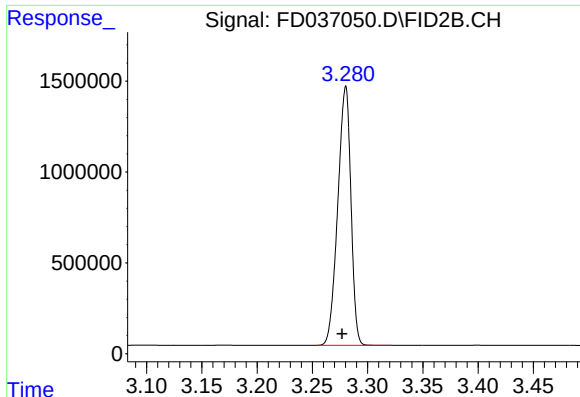
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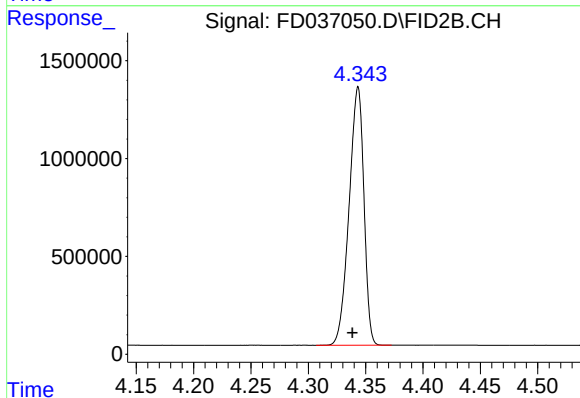




#1 n-Nonane (C9)

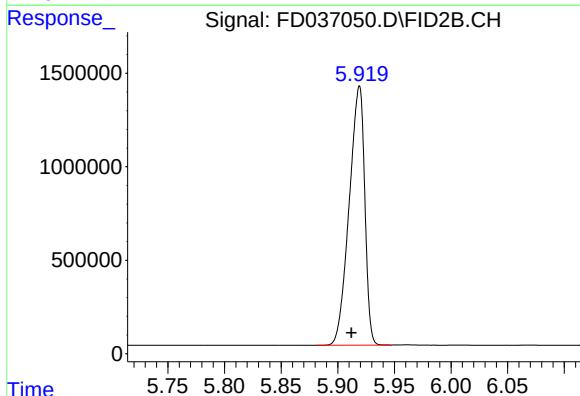
R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 11799311
Conc: 97.70 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



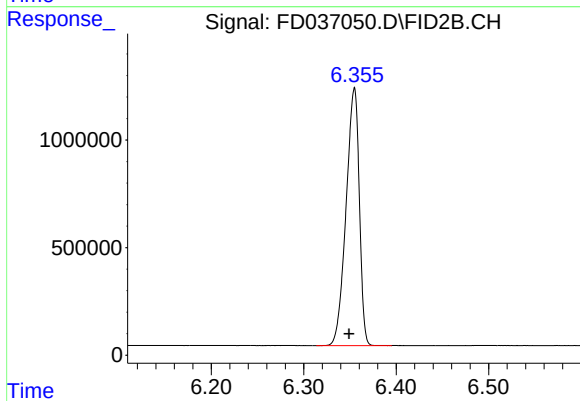
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 11875856
Conc: 97.73 ug/ml



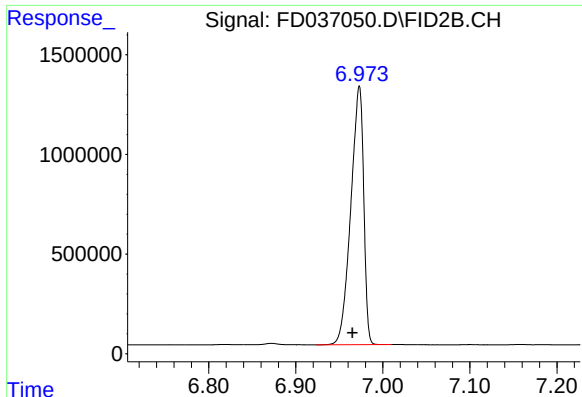
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: 0.007 min
Response: 13249748
Conc: 98.45 ug/ml



#4 n-Dodecane (C12)

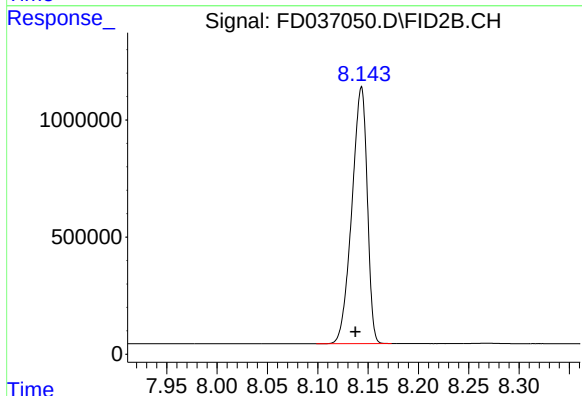
R.T.: 6.355 min
Delta R.T.: 0.006 min
Response: 11905745
Conc: 97.70 ug/ml



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

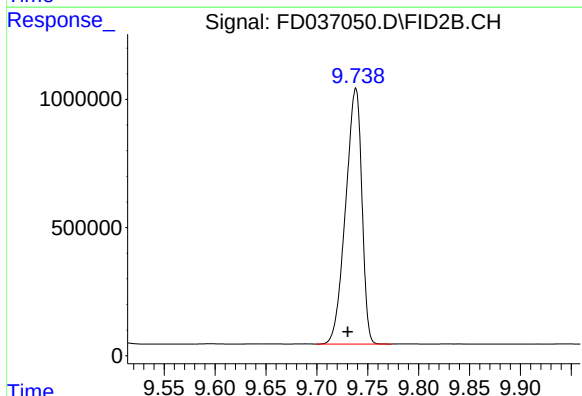
R.T.: 6.973 min
Delta R.T.: 0.008 min
Response: 13329989
Conc: 98.88 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



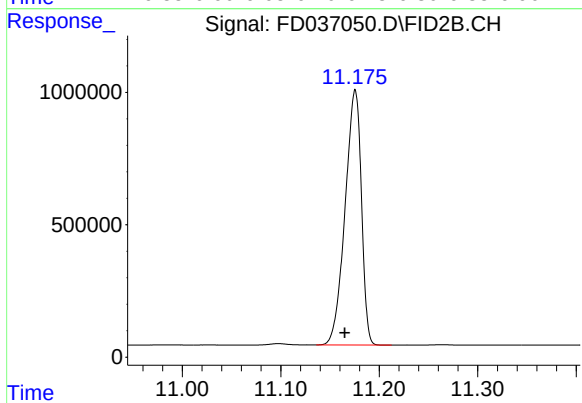
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: 0.006 min
Response: 11634203
Conc: 97.83 ug/ml



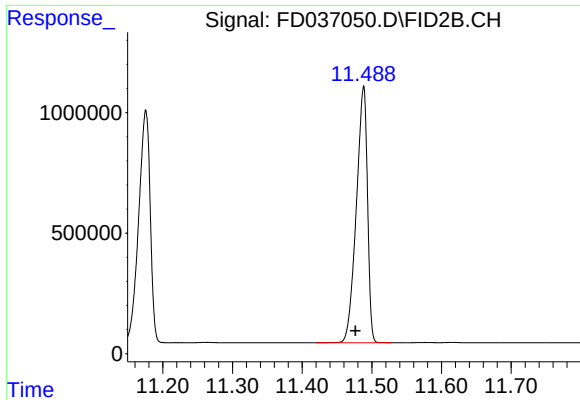
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.008 min
Response: 11077824
Conc: 98.20 ug/ml



#8 n-Octadecane (C18)

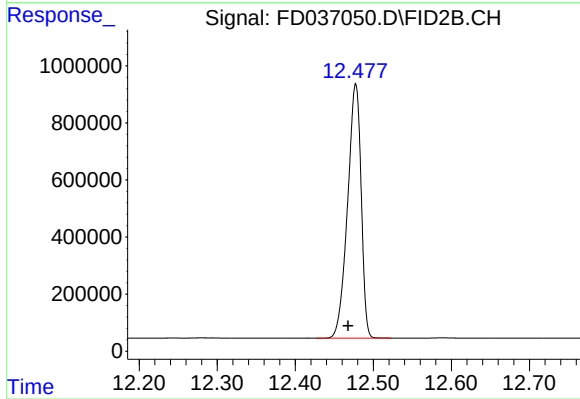
R.T.: 11.176 min
Delta R.T.: 0.011 min
Response: 11081384
Conc: 98.22 ug/ml



#9 ortho-Terphenyl (SURR)

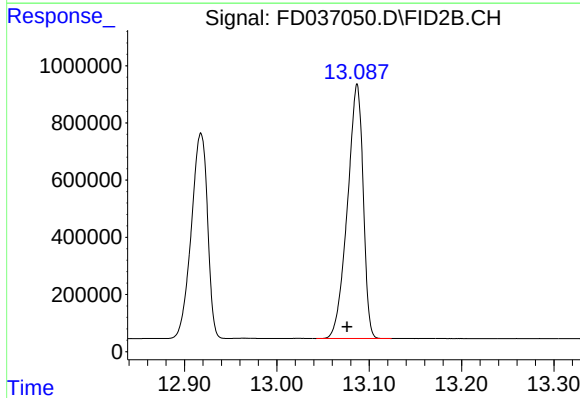
R.T.: 11.488 min
Delta R.T.: 0.012 min
Response: 11784485
Conc: 98.52 ug/ml

Instrument :
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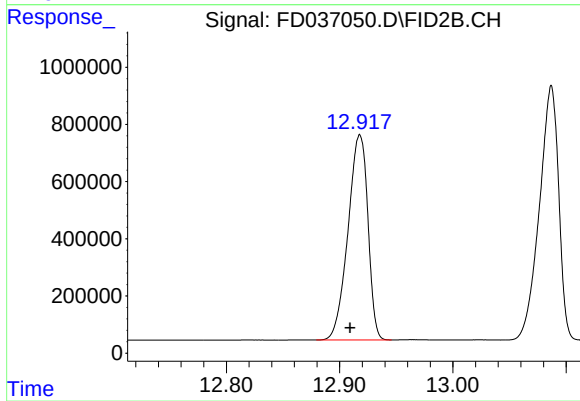
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: 0.010 min
Response: 10738280
Conc: 98.51 ug/ml



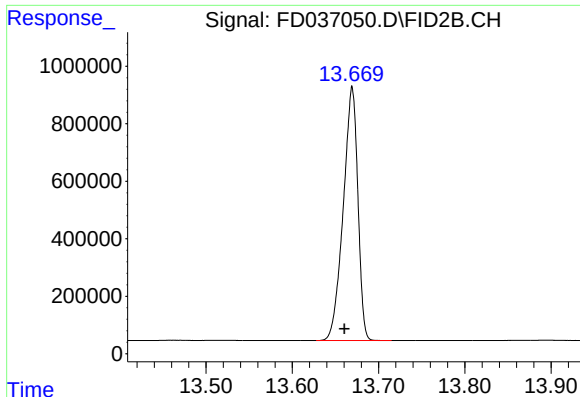
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.011 min
Response: 10545666
Conc: 98.20 ug/ml



#12 1-chlorooctadecane (SURR)

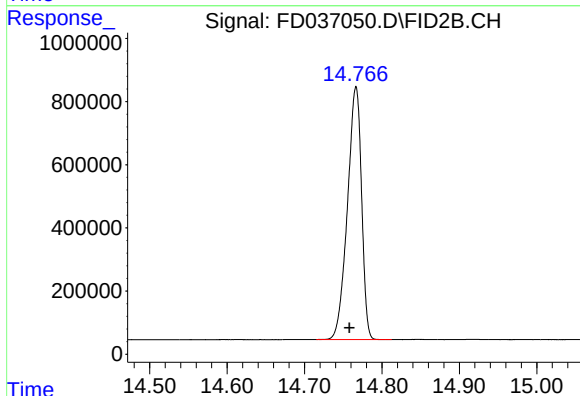
R.T.: 12.918 min
Delta R.T.: 0.008 min
Response: 8761973
Conc: 101.09 ug/ml



#13 n-Docosane (C22)

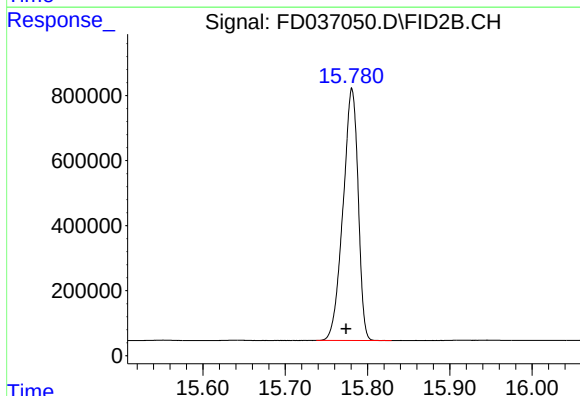
R.T.: 13.669 min
Delta R.T.: 0.009 min
Response: 10381454
Conc: 98.75 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



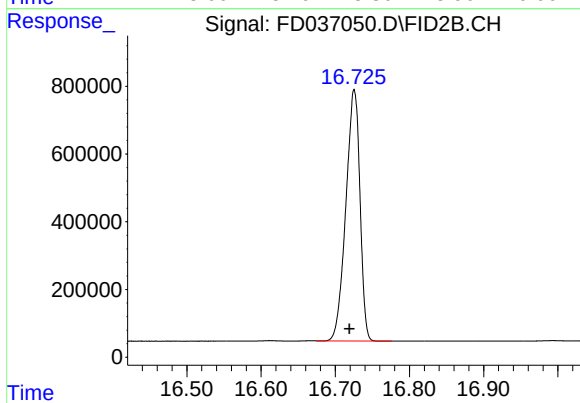
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: 0.008 min
Response: 10146735
Conc: 98.30 ug/ml



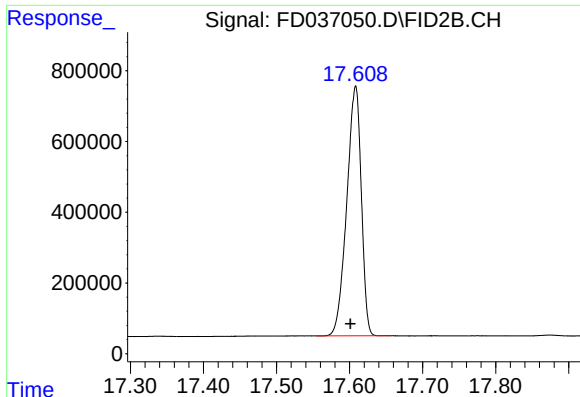
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: 0.007 min
Response: 9887258
Conc: 99.12 ug/ml



#16 n-Octacosane (C28)

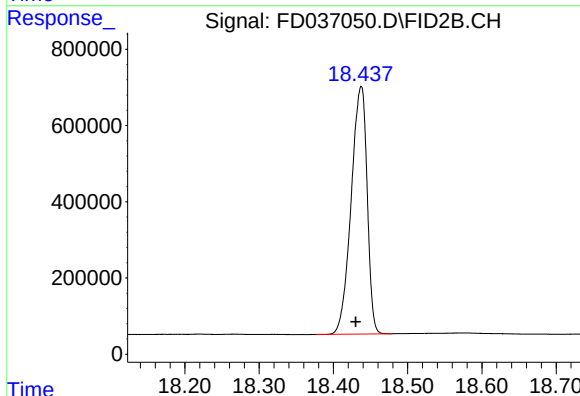
R.T.: 16.726 min
Delta R.T.: 0.007 min
Response: 9808002
Conc: 99.42 ug/ml



#17 n-Tricontane (C30)

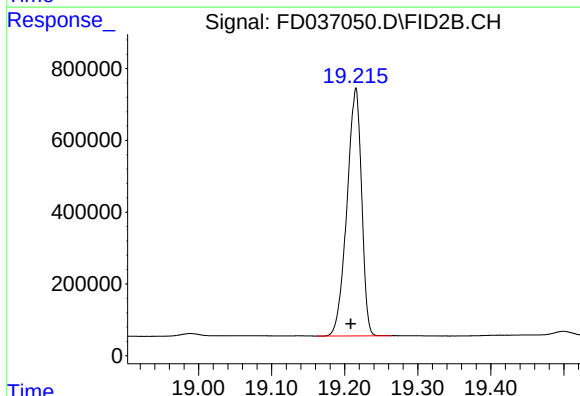
R.T.: 17.608 min
Delta R.T.: 0.007 min
Response: 9765778
Conc: 99.36 ug/ml

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FID_D
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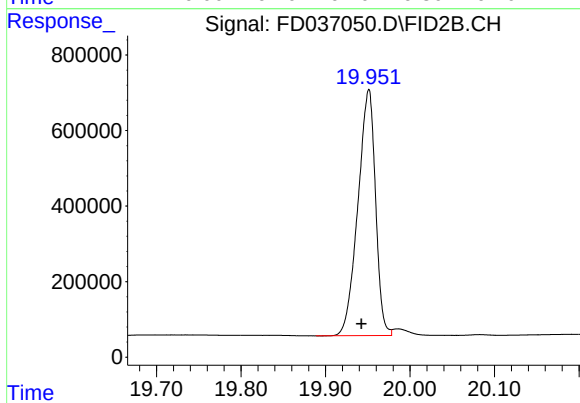
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.008 min
Response: 9695752
Conc: 97.58 ug/ml



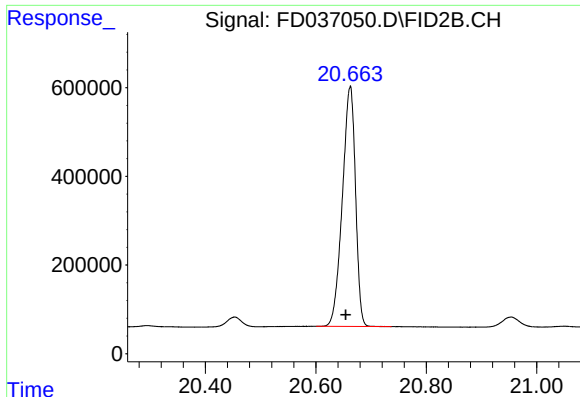
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min
Delta R.T.: 0.007 min
Response: 9627700
Conc: 99.28 ug/ml



#20 n-Hexatriacontane (C36)

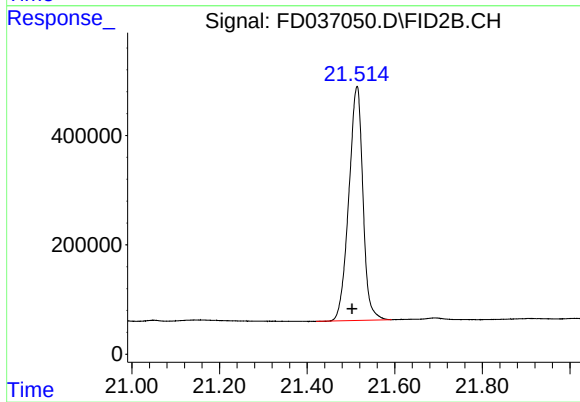
R.T.: 19.951 min
Delta R.T.: 0.009 min
Response: 9445586
Conc: 100.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: 0.008 min
Response: 8945268
Conc: 103.17 ug/ml

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ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: 0.012 min
Response: 9573540
Conc: 98.28 ug/ml