

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045766.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 06:13
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 29 01:21:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:19:40 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)	11.441	17714300	95.340 ug/ml
Spiked Amount 50.000		Recovery =	190.68%
12) S 1-chlorooctadecane (S...	12.871	13096474	95.472 ug/ml
Spiked Amount 50.000		Recovery =	190.94%
Target Compounds			
1) T n-Nonane (C9)	3.255	14085741	94.902 ug/ml
2) T n-Decane (C10)	4.313	14377053	94.938 ug/ml
3) T A~Naphthalene (C11.7)	5.880	15970403	95.140 ug/ml
4) T n-Dodecane (C12)	6.319	14583811	95.204 ug/ml
5) T A~2-methylnaphthalene...	6.930	15591911	95.446 ug/ml
6) T n-Tetradecane (C14)	8.105	14614329	95.344 ug/ml
7) T n-Hexadecane (C16)	9.698	15231110	95.336 ug/ml
8) T n-Octadecane (C18)	11.133	15495822	95.312 ug/ml
10) T n-Eicosane (C20)	12.431	14979244	95.167 ug/ml
11) T n-Heneicosane (C21)	13.040	14744213	95.219 ug/ml
13) T n-Docosane (C22)	13.622	14651520	95.168 ug/ml
14) T n-Tetracosane (C24)	14.717	14455668	95.023 ug/ml
15) T n-Hexacosane (C26)	15.731	13909136	95.496 ug/ml
16) T n-Octacosane (C28)	16.673	13159395	95.765 ug/ml
17) T n-Tricontane (C30)	17.552	12686403	96.088 ug/ml
18) T n-Dotriacontane (C32)	18.378	11892639	95.854 ug/ml
19) T n-Tetratriacontane (C34)	19.154	11304732	96.211 ug/ml
20) T n-Hexatriacontane (C36)	19.889	10799332	95.701 ug/ml
21) T n-Octatriacontane (C38)	20.591	10675851	95.086 ug/ml
22) T n-Tetracontane (C40)	21.423	10561172	96.795 ug/ml

(f)=RT Delta > 1/2 Window

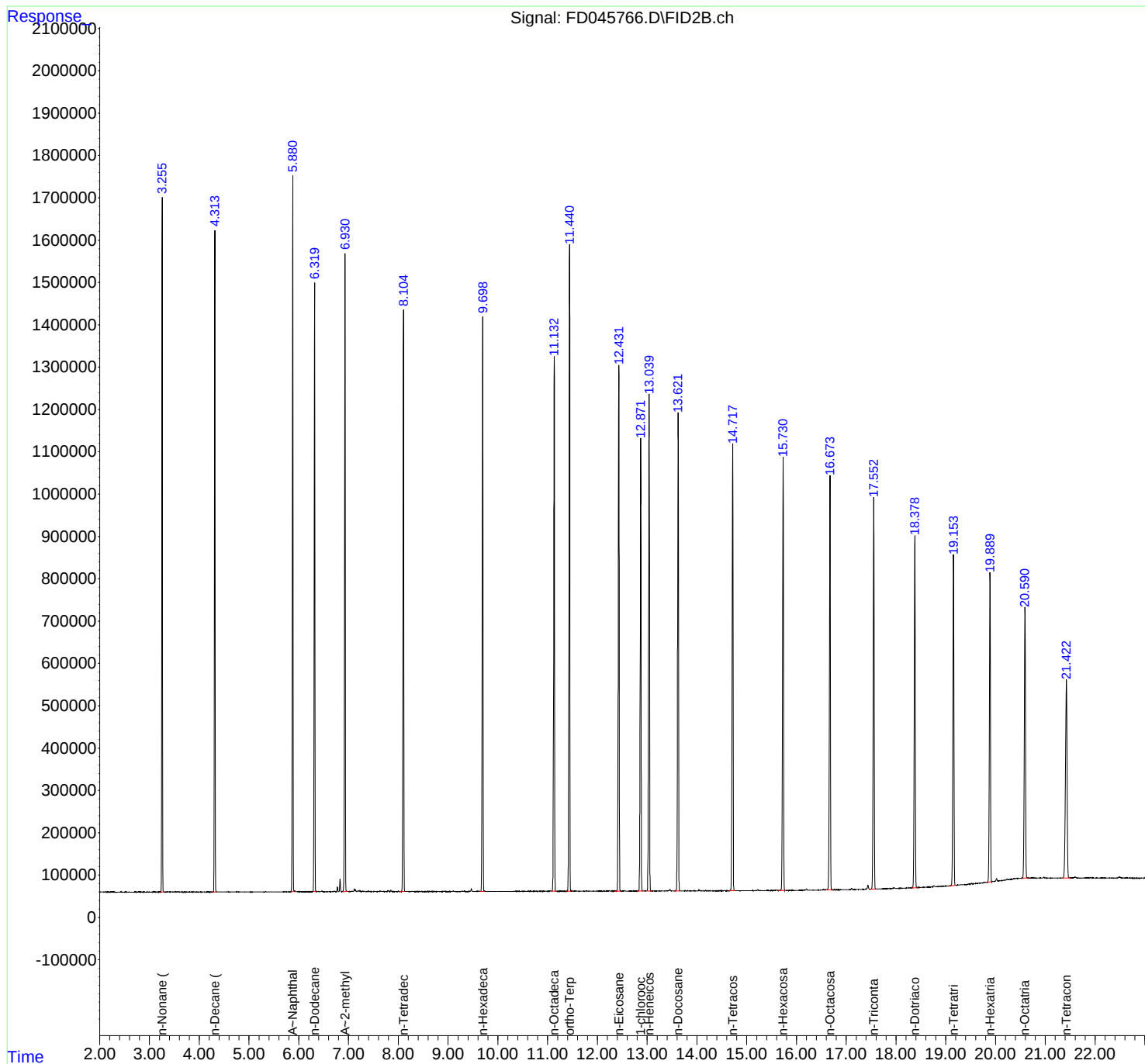
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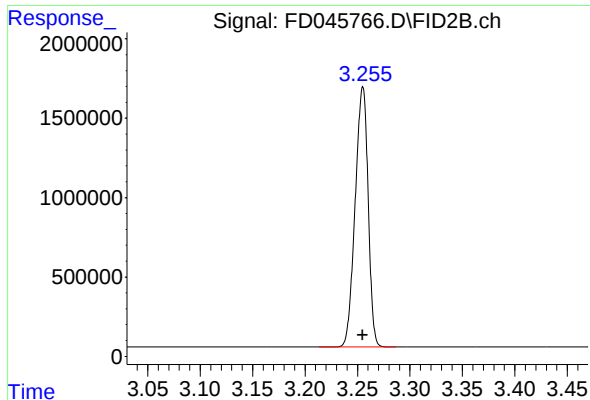
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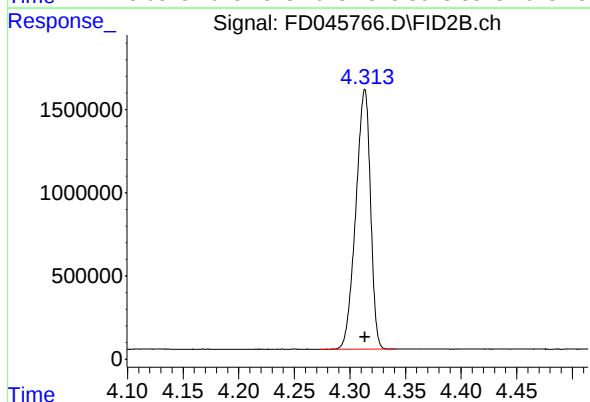




#1 n-Nonane (C9)

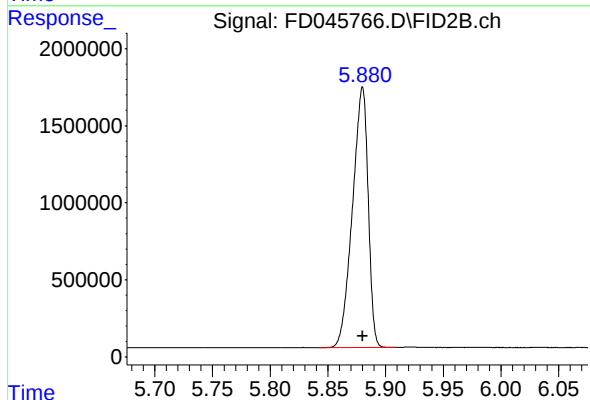
R.T.: 3.255 min
Delta R.T.: 0.000 min
Response: 14085741
Conc: 94.90 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



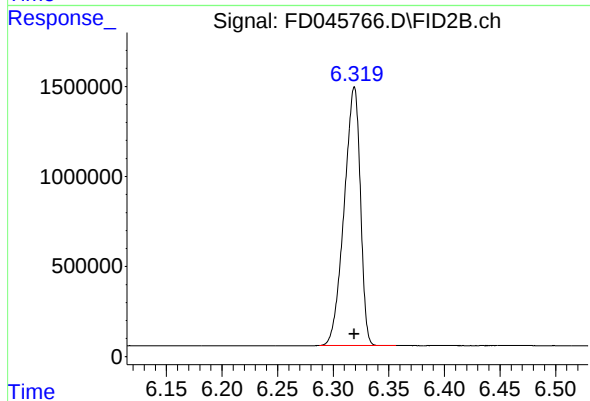
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 14377053
Conc: 94.94 ug/ml



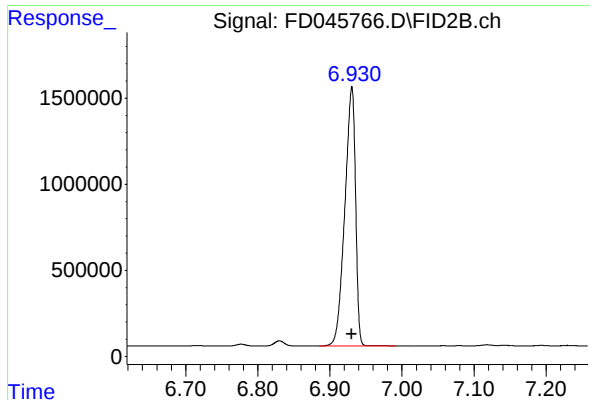
#3 A~Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 15970403
Conc: 95.14 ug/ml



#4 n-Dodecane (C12)

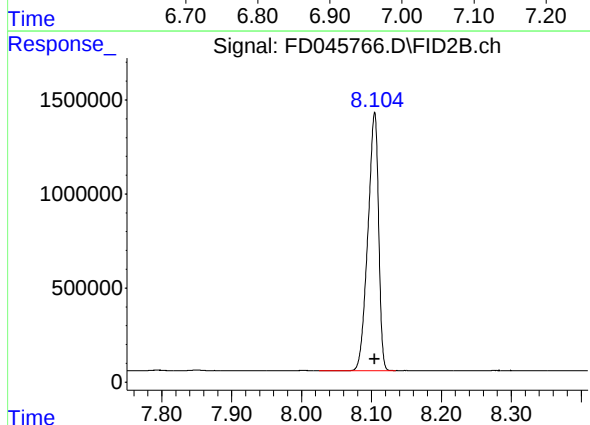
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 14583811
Conc: 95.20 ug/ml



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

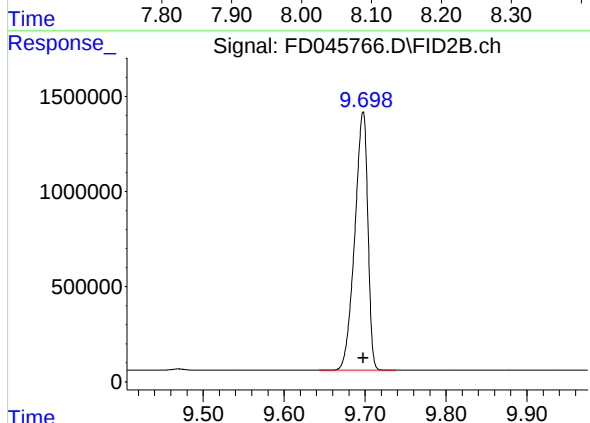
R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 15591911
Conc: 95.45 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



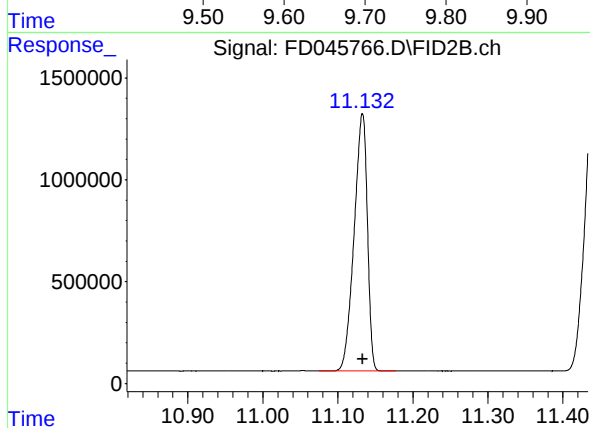
#6 n-Tetradecane (C14)

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 14614329
Conc: 95.34 ug/ml



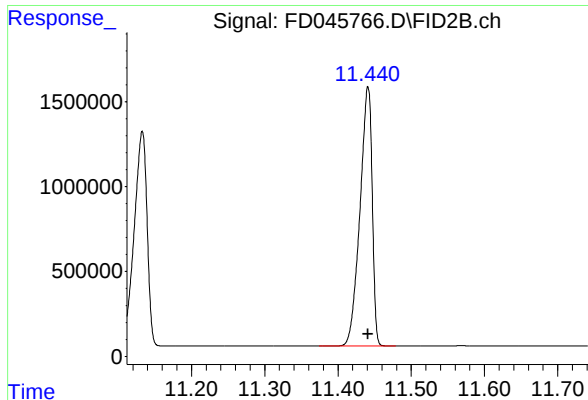
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 15231110
Conc: 95.34 ug/ml



#8 n-Octadecane (C18)

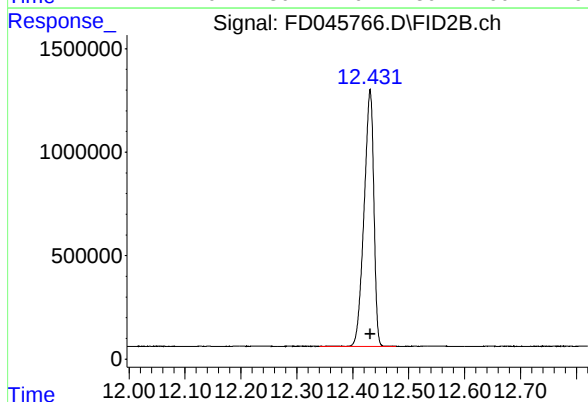
R.T.: 11.133 min
Delta R.T.: 0.000 min
Response: 15495822
Conc: 95.31 ug/ml



#9 ortho-Terphenyl (SURR)

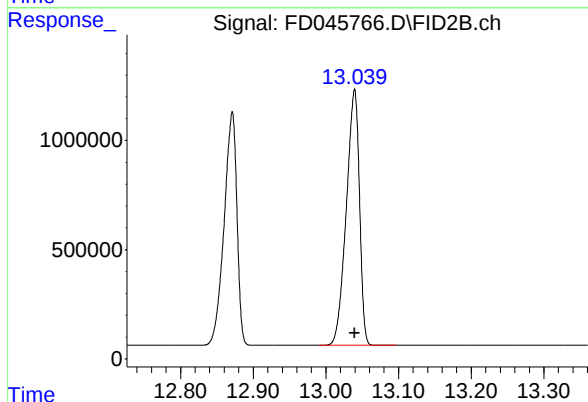
R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 17714300
Conc: 95.34 ug/ml

Instrument :
FID_D
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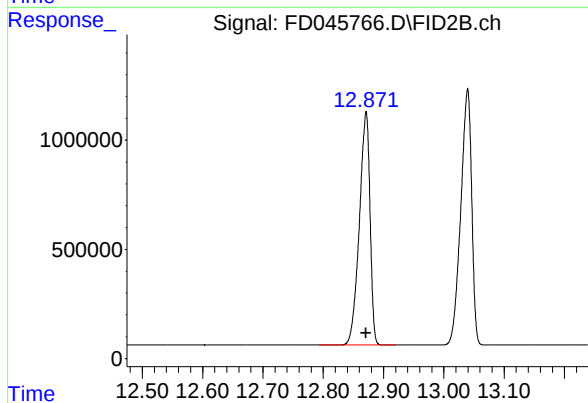
#10 n-Eicosane (C20)

R.T.: 12.431 min
Delta R.T.: 0.000 min
Response: 14979244
Conc: 95.17 ug/ml



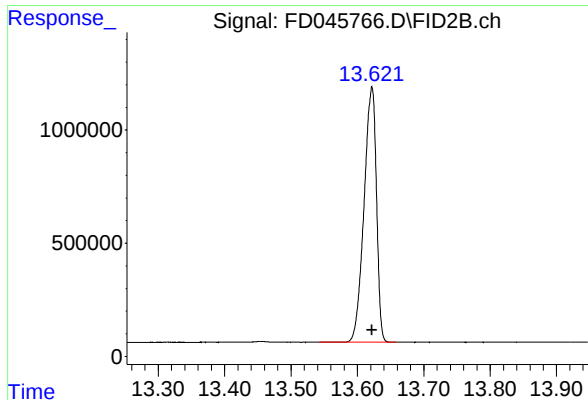
#11 n-Heneicosane (C21)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 14744213
Conc: 95.22 ug/ml



#12 1-chlorooctadecane (SURR)

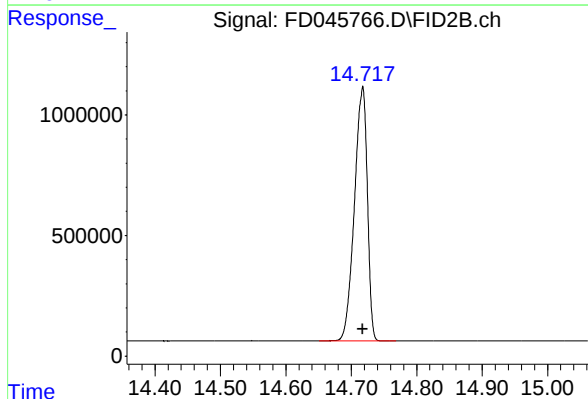
R.T.: 12.871 min
Delta R.T.: 0.000 min
Response: 13096474
Conc: 95.47 ug/ml



#13 n-Docosane (C22)

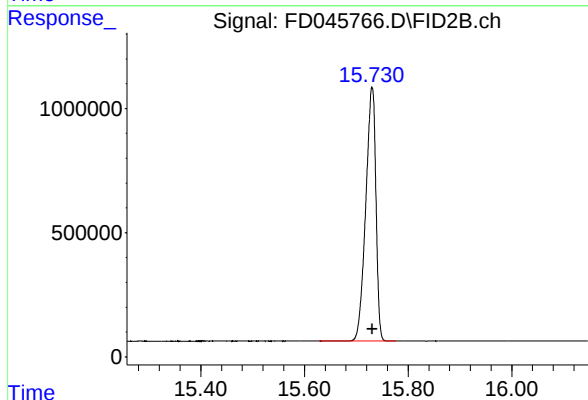
R.T.: 13.622 min
Delta R.T.: 0.000 min
Response: 14651520
Conc: 95.17 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



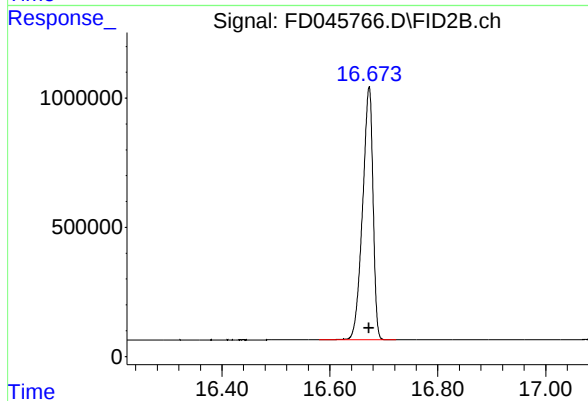
#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: 0.000 min
Response: 14455668
Conc: 95.02 ug/ml



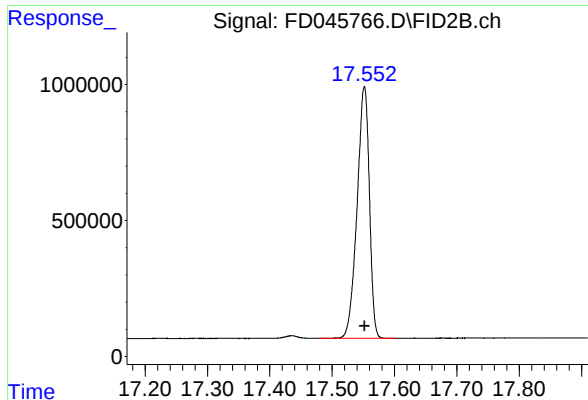
#15 n-Hexacosane (C26)

R.T.: 15.731 min
Delta R.T.: 0.000 min
Response: 13909136
Conc: 95.50 ug/ml



#16 n-Octacosane (C28)

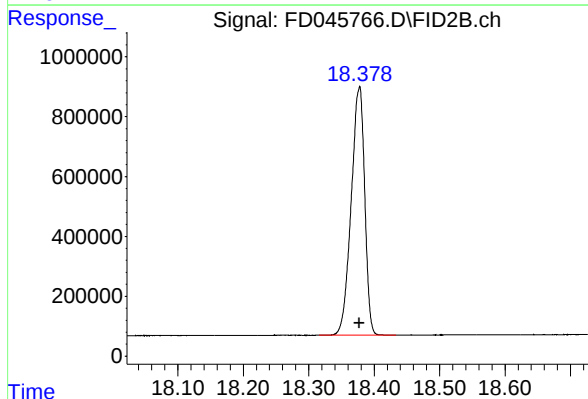
R.T.: 16.673 min
Delta R.T.: 0.000 min
Response: 13159395
Conc: 95.76 ug/ml



#17 n-Tricontane (C30)

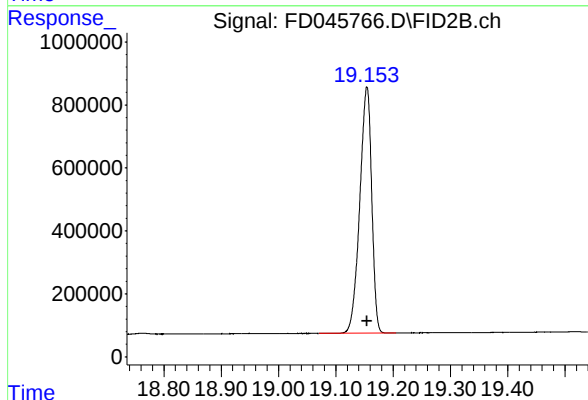
R.T.: 17.552 min
Delta R.T.: 0.000 min
Response: 12686403
Conc: 96.09 ug/ml

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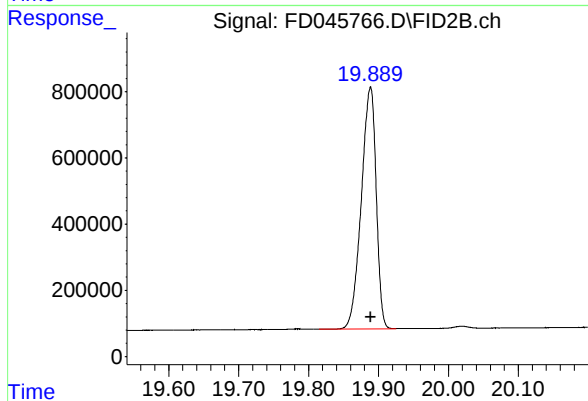
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: 0.000 min
Response: 11892639
Conc: 95.85 ug/ml



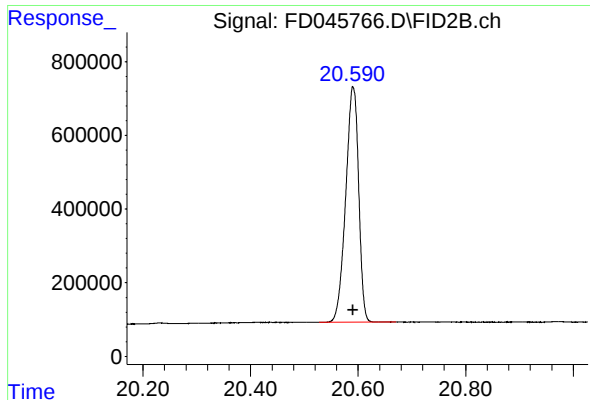
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min
Delta R.T.: 0.000 min
Response: 11304732
Conc: 96.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.889 min
Delta R.T.: 0.000 min
Response: 10799332
Conc: 95.70 ug/ml



#21 n-Octatriacontane (C38)

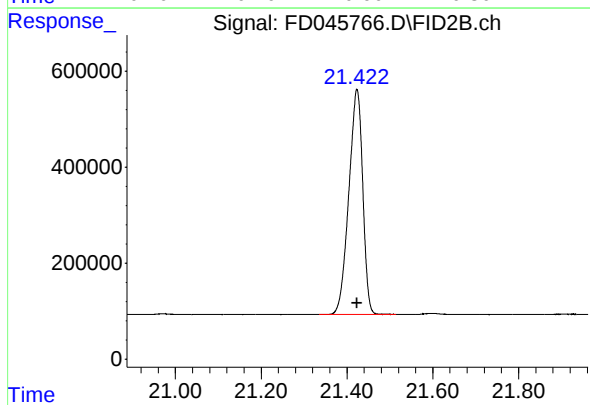
R.T.: 20.591 min
Delta R.T.: 0.000 min
Response: 10675851
Conc: 95.09 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.423 min
Delta R.T.: 0.000 min
Response: 10561172
Conc: 96.80 ug/ml