

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012625.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 10:06
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 19 11:33:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 11:31:02 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)	10.927	15842619	98.782 ug/ml
Spiked Amount 50.000		Recovery =	197.56%
12) S 1-chlorooctadecane (S...	12.356	11800817	99.402 ug/ml
Spiked Amount 50.000		Recovery =	198.80%
Target Compounds			
1) T n-Nonane (C9)	2.775	12928711	98.621 ug/ml
2) T n-Decane (C10)	3.786	13287441	98.963 ug/ml
3) T A~Naphthalene (C11.7)	5.354	14568302	102.100 ug/ml
4) T n-Dodecane (C12)	5.774	13489636	99.275 ug/ml
5) T A~2-methylnaphthalene...	6.404	14028326	103.525 ug/ml
6) T n-Tetradecane (C14)	7.564	13508358	100.381 ug/ml
7) T n-Hexadecane (C16)	9.163	14012049	100.447 ug/ml
8) T n-Octadecane (C18)	10.605	14196957	99.355 ug/ml
10) T n-Eicosane (C20)	11.911	13633560	98.700 ug/ml
11) T n-Heneicosane (C21)	12.523	13371100	98.768 ug/ml
13) T n-Docosane (C22)	13.107	13236488	98.492 ug/ml
14) T n-Tetracosane (C24)	14.209	12979455	98.032 ug/ml
15) T n-Hexacosane (C26)	15.227	12510155	97.574 ug/ml
16) T n-Octacosane (C28)	16.176	11969482	96.474 ug/ml
17) T n-Tricontane (C30)	17.063	11852484	95.425 ug/ml
18) T n-Dotriacontane (C32)	17.894	11485396	94.338 ug/ml
19) T n-Tetratriacontane (C34)	18.676	11239539	96.132 ug/ml
20) T n-Hexatriacontane (C36)	19.416	10940033	96.943 ug/ml
21) T n-Octatriacontane (C38)	20.148	10878309	96.776 ug/ml
22) T n-Tetracontane (C40)	21.049	10709344	97.871 ug/ml

(f)=RT Delta > 1/2 Window

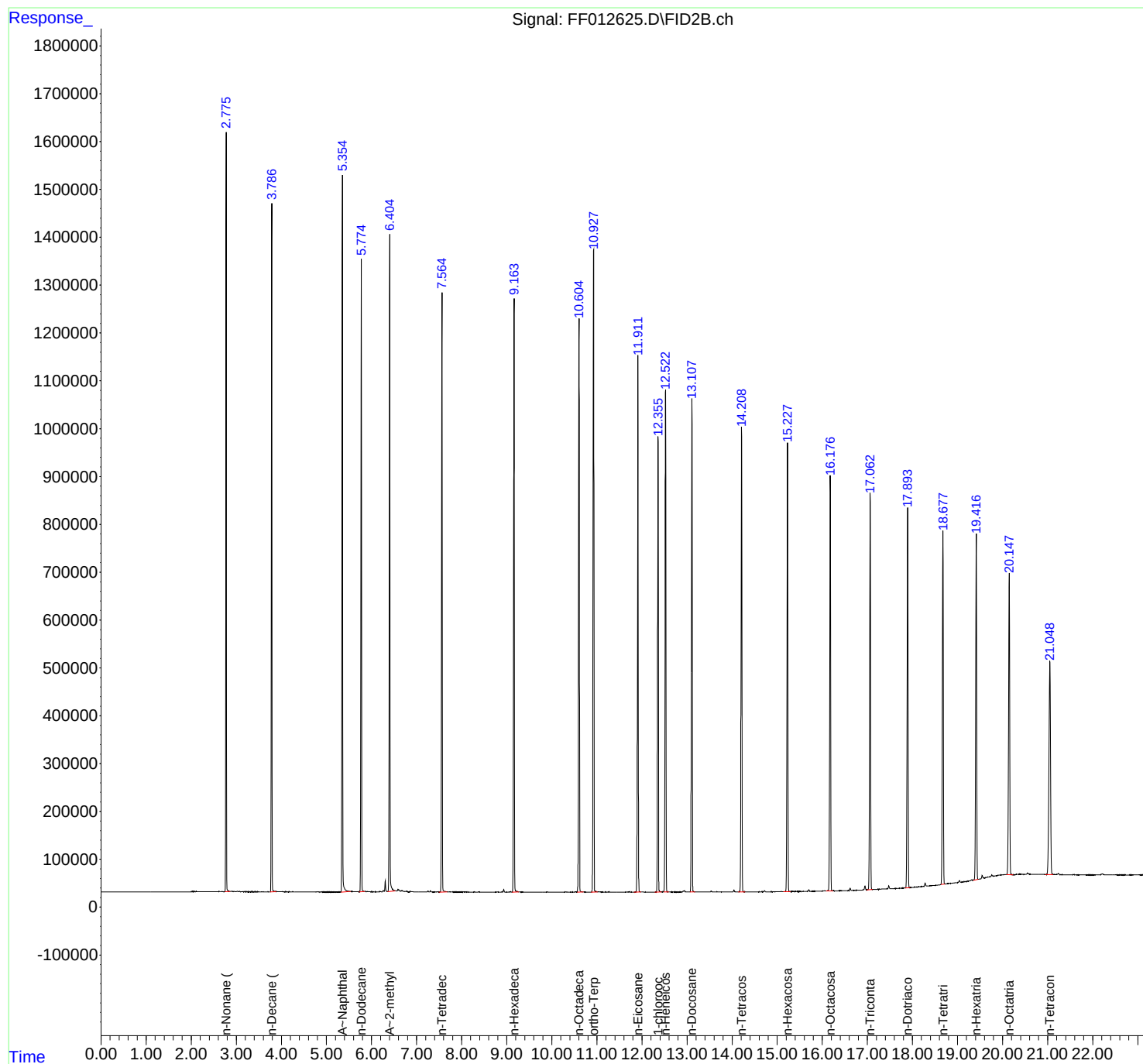
(m)=manual int.

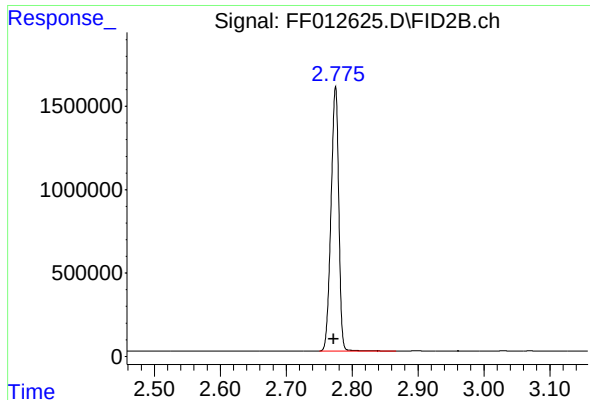
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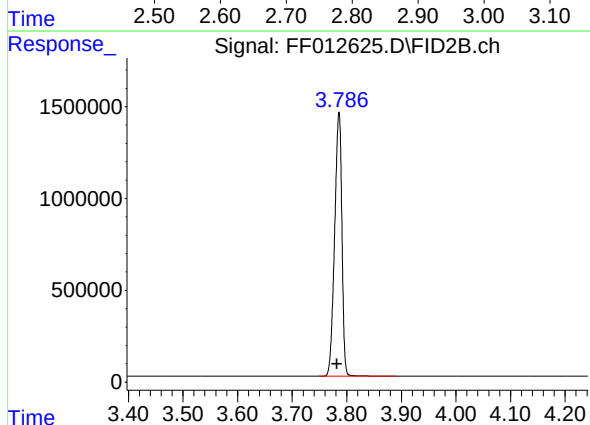




#1 n-Nonane (C9)

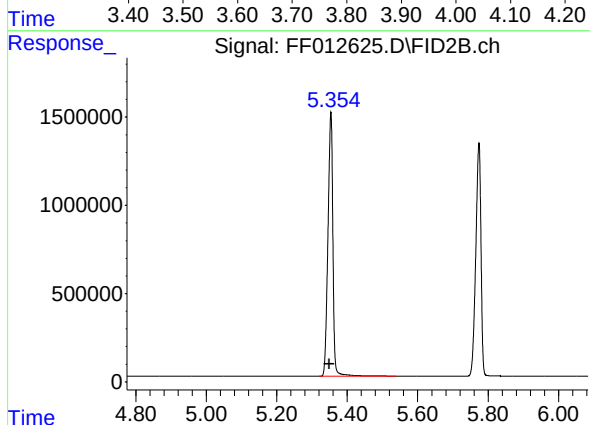
R.T.: 2.775 min
Delta R.T.: 0.003 min
Response: 12928711
Conc: 98.62 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



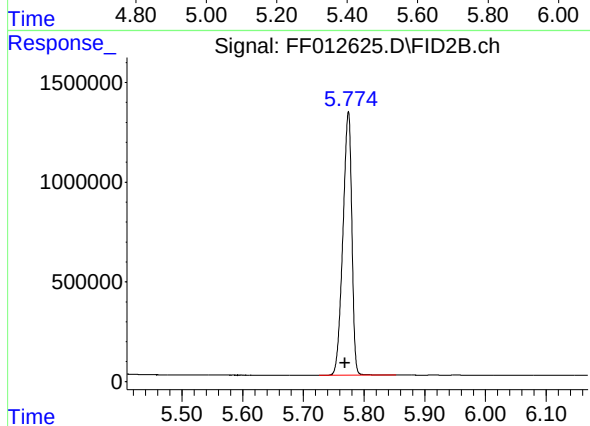
#2 n-Decane (C10)

R.T.: 3.786 min
Delta R.T.: 0.004 min
Response: 13287441
Conc: 98.96 ug/ml



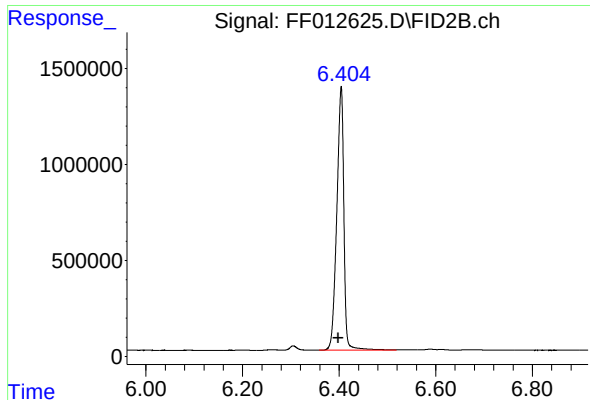
#3 A~Naphthalene (C11.7)

R.T.: 5.354 min
Delta R.T.: 0.005 min
Response: 14568302
Conc: 102.10 ug/ml



#4 n-Dodecane (C12)

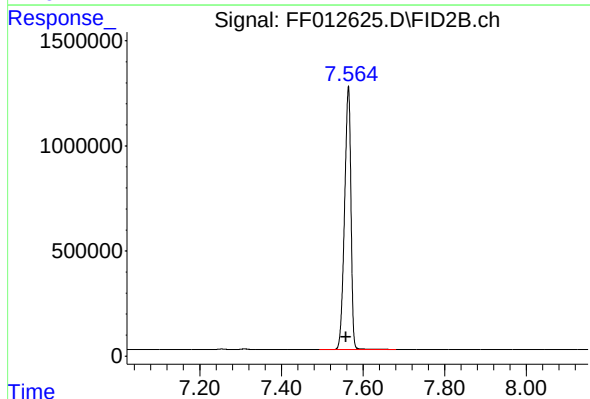
R.T.: 5.774 min
Delta R.T.: 0.006 min
Response: 13489636
Conc: 99.27 ug/ml



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

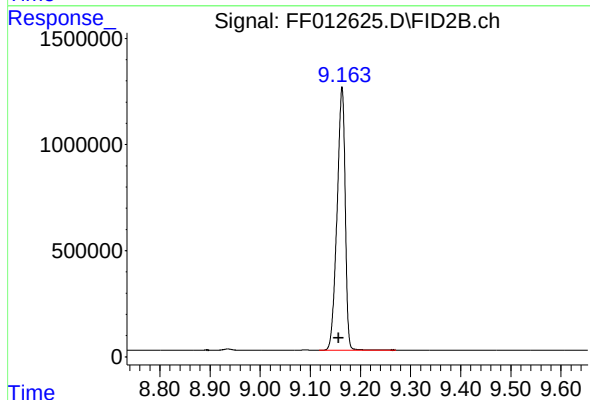
R.T.: 6.404 min
Delta R.T.: 0.006 min
Response: 14028326
Conc: 103.52 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



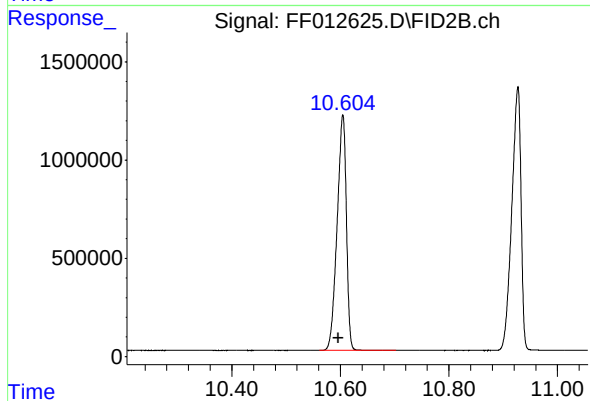
#6 n-Tetradecane (C14)

R.T.: 7.564 min
Delta R.T.: 0.006 min
Response: 13508358
Conc: 100.38 ug/ml



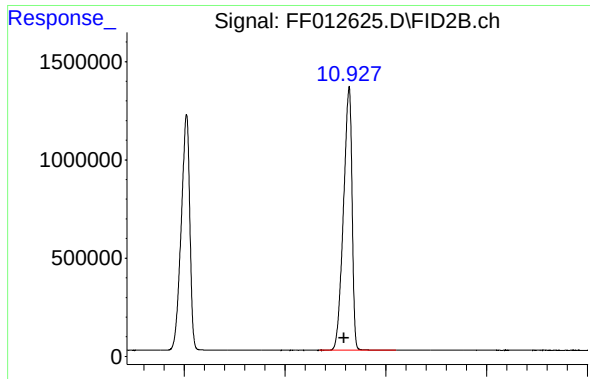
#7 n-Hexadecane (C16)

R.T.: 9.163 min
Delta R.T.: 0.007 min
Response: 14012049
Conc: 100.45 ug/ml



#8 n-Octadecane (C18)

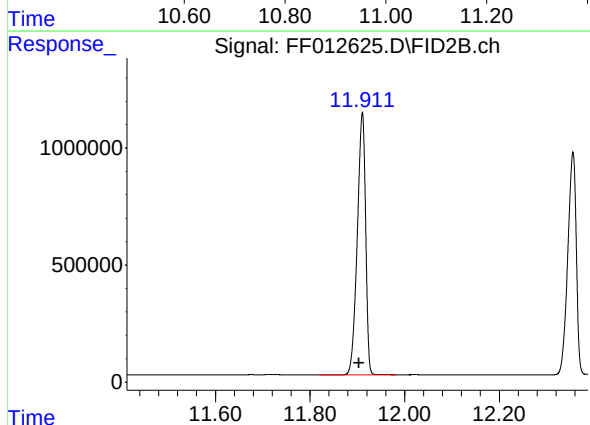
R.T.: 10.605 min
Delta R.T.: 0.008 min
Response: 14196957
Conc: 99.35 ug/ml



#9 ortho-Terphenyl (SURR)

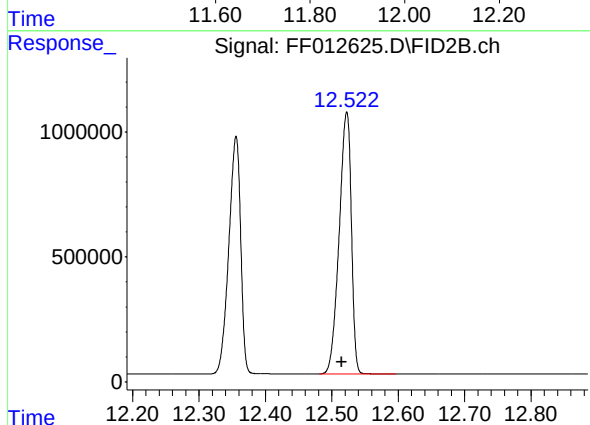
R.T.: 10.927 min
Delta R.T.: 0.010 min
Response: 15842619
Conc: 98.78 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



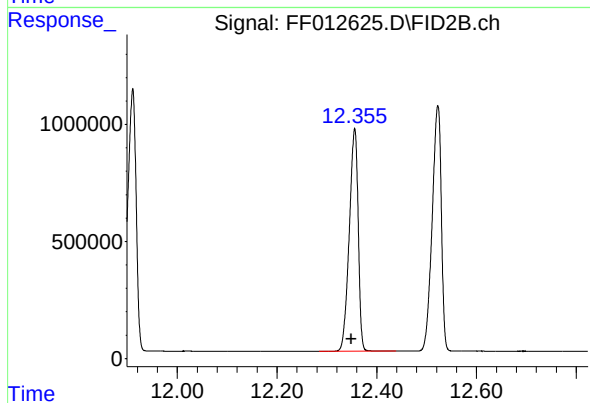
#10 n-Eicosane (C20)

R.T.: 11.911 min
Delta R.T.: 0.007 min
Response: 13633560
Conc: 98.70 ug/ml



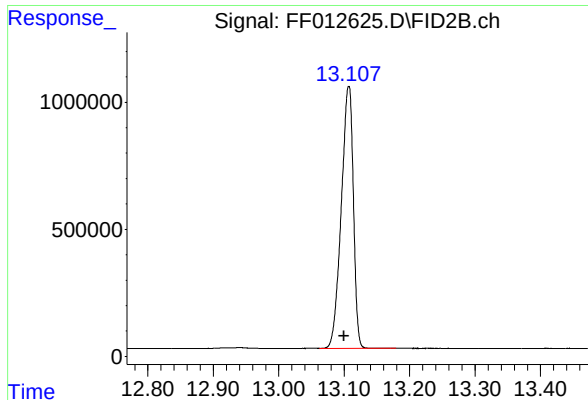
#11 n-Heneicosane (C21)

R.T.: 12.523 min
Delta R.T.: 0.008 min
Response: 13371100
Conc: 98.77 ug/ml



#12 1-chlorooctadecane (SURR)

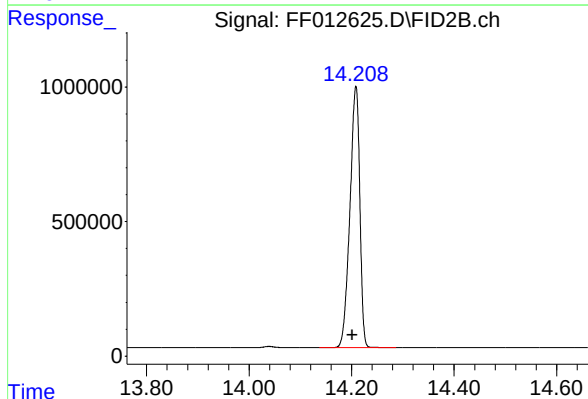
R.T.: 12.356 min
Delta R.T.: 0.007 min
Response: 11800817
Conc: 99.40 ug/ml



#13 n-Docosane (C22)

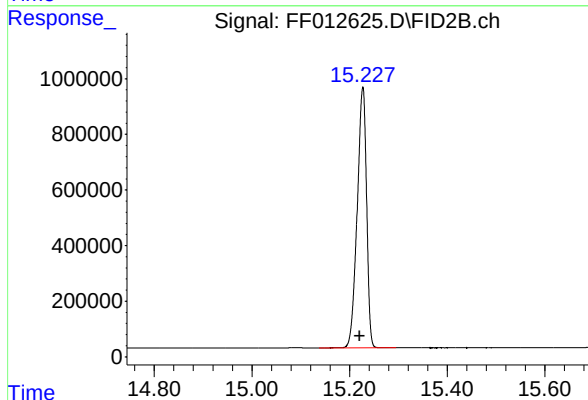
R.T.: 13.107 min
Delta R.T.: 0.007 min
Response: 13236488
Conc: 98.49 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



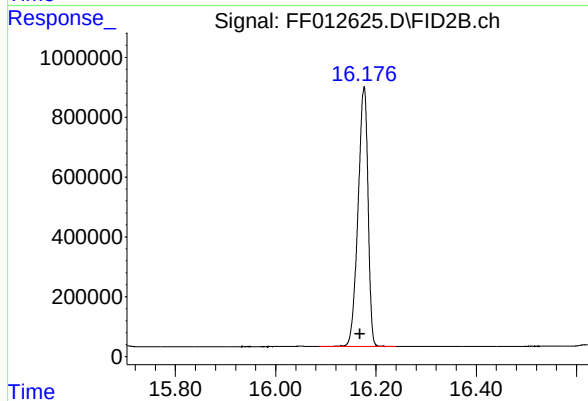
#14 n-Tetracosane (C24)

R.T.: 14.209 min
Delta R.T.: 0.007 min
Response: 12979455
Conc: 98.03 ug/ml



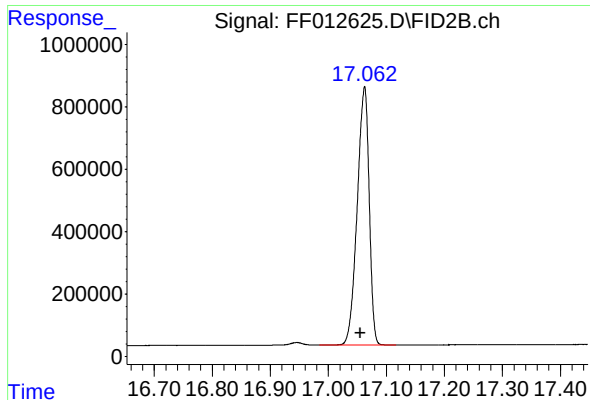
#15 n-Hexacosane (C26)

R.T.: 15.227 min
Delta R.T.: 0.007 min
Response: 12510155
Conc: 97.57 ug/ml



#16 n-Octacosane (C28)

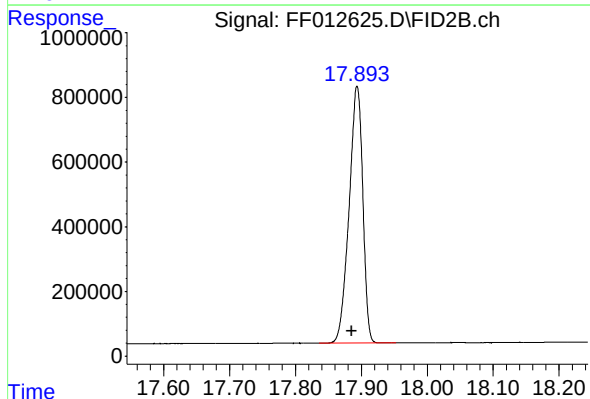
R.T.: 16.176 min
Delta R.T.: 0.008 min
Response: 11969482
Conc: 96.47 ug/ml



#17 n-Tricontane (C30)

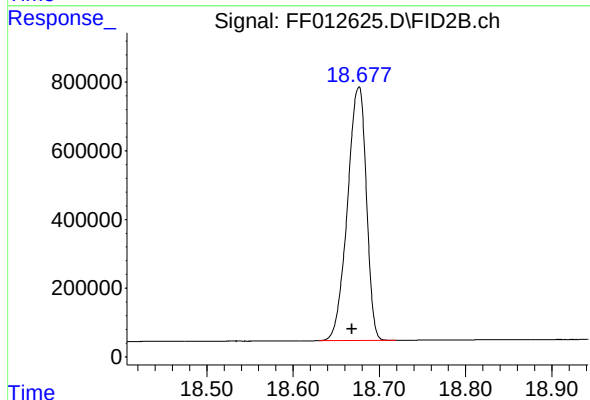
R.T.: 17.063 min
Delta R.T.: 0.008 min
Response: 11852484
Conc: 95.43 ug/ml

Instrument :
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ClientSampleId :
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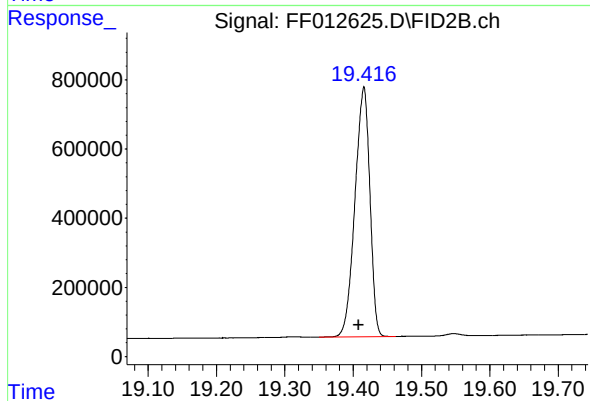
#18 n-Dotriacontane (C32)

R.T.: 17.894 min
Delta R.T.: 0.008 min
Response: 11485396
Conc: 94.34 ug/ml



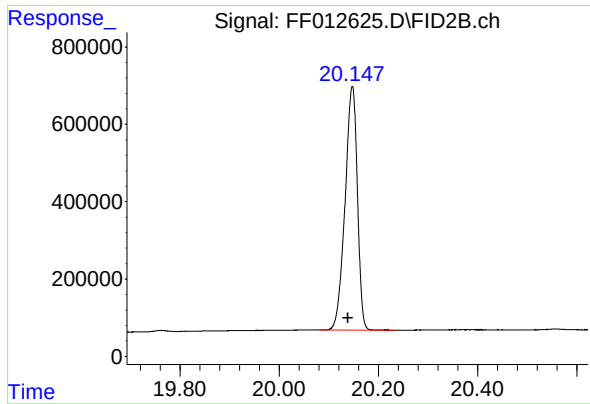
#19 n-Tetatriacontane (C34)

R.T.: 18.676 min
Delta R.T.: 0.008 min
Response: 11239539
Conc: 96.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.416 min
Delta R.T.: 0.007 min
Response: 10940033
Conc: 96.94 ug/ml



#21 n-Octatriacontane (C38)

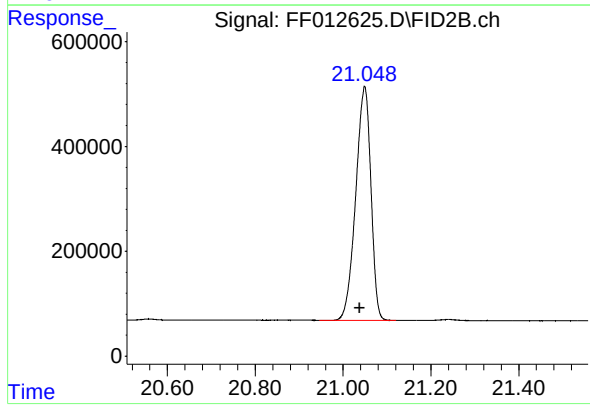
R.T.: 20.148 min
Delta R.T.: 0.009 min
Response: 10878309
Conc: 96.78 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.049 min
Delta R.T.: 0.011 min
Response: 10709344
Conc: 97.87 ug/ml