

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014489.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 19:01
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 11 08:00:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:00:09 2024
 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)	11.809	13411797	96.804 ug/ml
Spiked Amount 50.000		Recovery =	193.61%
12) S 1-chlorooctadecane (S...	13.250	10333496	97.773 ug/ml
Spiked Amount 50.000		Recovery =	195.55%
Target Compounds			
1) T n-Nonane (C9)	3.206	11291346	97.165 ug/ml
2) T n-Decane (C10)	4.456	11516439	97.474 ug/ml
3) T A~Naphthalene (C11.7)	6.150	12523551	99.347 ug/ml
4) T n-Dodecane (C12)	6.622	11708647	96.965 ug/ml
5) T A~2-methylnaphthalene...	7.246	12092082	101.448 ug/ml
6) T n-Tetradecane (C14)	8.449	11658853	97.874 ug/ml
7) T n-Hexadecane (C16)	10.055	12074799	98.330 ug/ml
8) T n-Octadecane (C18)	11.499	12313634	97.533 ug/ml
10) T n-Eicosane (C20)	12.807	11943812	96.976 ug/ml
11) T n-Heneicosane (C21)	13.419	11783073	96.866 ug/ml
13) T n-Docosane (C22)	14.005	11737345	97.195 ug/ml
14) T n-Tetracosane (C24)	15.108	11668458	97.395 ug/ml
15) T n-Hexacosane (C26)	16.128	11408137	97.458 ug/ml
16) T n-Octacosane (C28)	17.076	11061101	97.550 ug/ml
17) T n-Tricontane (C30)	17.963	10985044	96.752 ug/ml
18) T n-Dotriacontane (C32)	18.794	10379511	96.356 ug/ml
19) T n-Tetratriacontane (C34)	19.575	9065487	96.513 ug/ml
20) T n-Hexatriacontane (C36)	20.310	7839971	97.058 ug/ml
21) T n-Octatriacontane (C38)	21.028	7359240	99.289 ug/ml
22) T n-Tetracontane (C40)	21.893	6754907	105.078 ug/ml

(f)=RT Delta > 1/2 Window

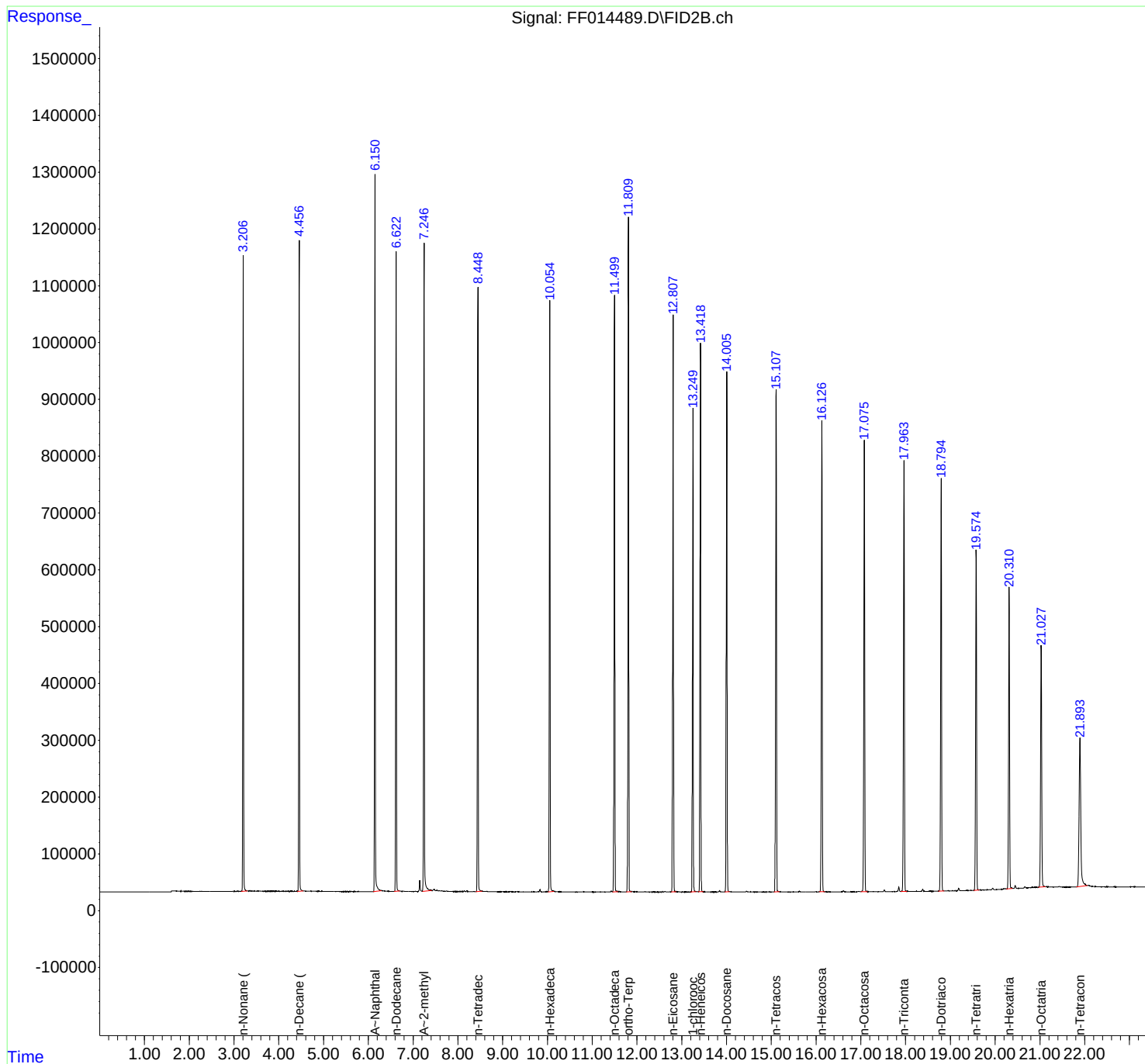
(m)=manual int.

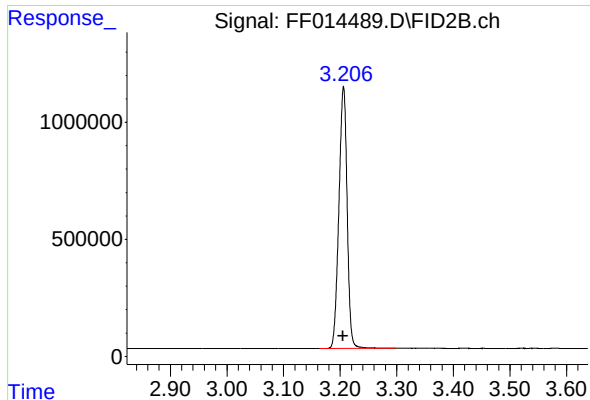
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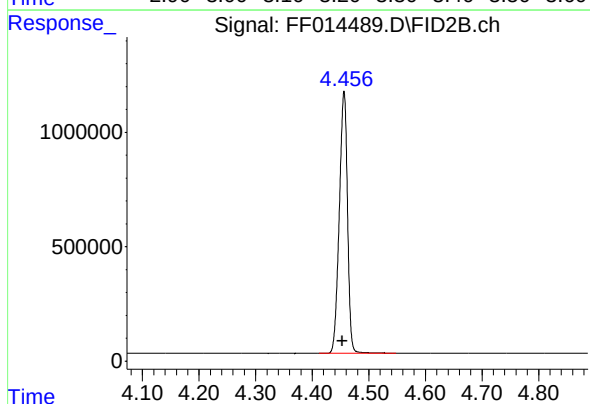




#1 n-Nonane (C9)

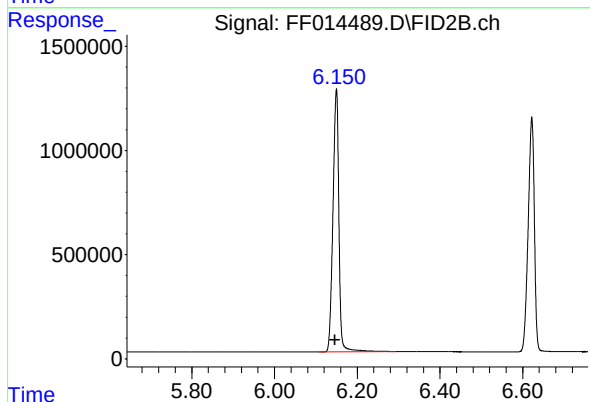
R.T.: 3.206 min
Delta R.T.: 0.001 min
Response: 11291346
Conc: 97.16 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



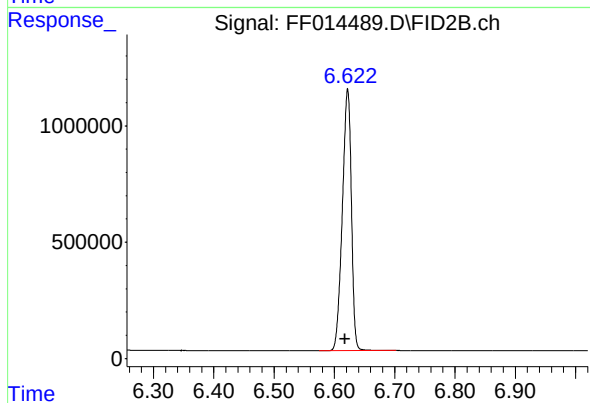
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: 0.003 min
Response: 11516439
Conc: 97.47 ug/ml



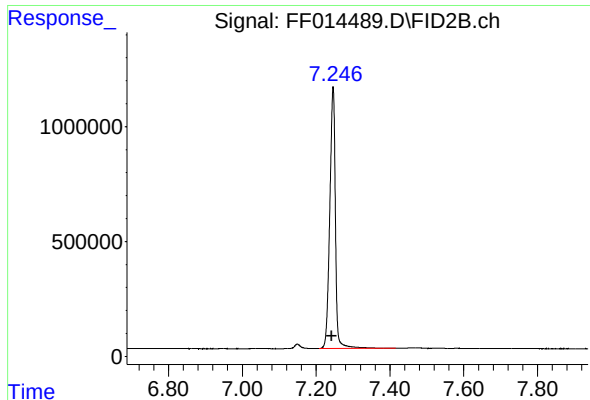
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: 0.003 min
Response: 12523551
Conc: 99.35 ug/ml



#4 n-Dodecane (C12)

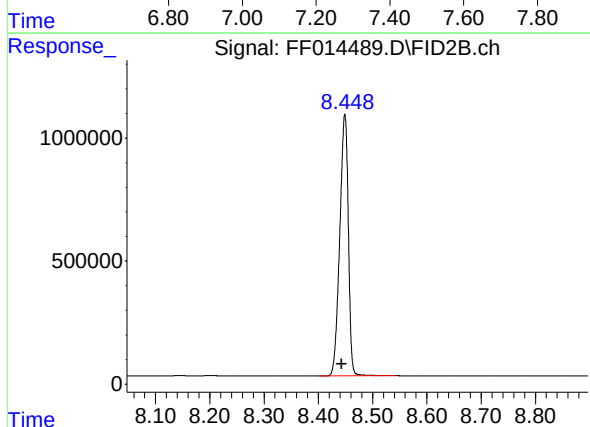
R.T.: 6.622 min
Delta R.T.: 0.004 min
Response: 11708647
Conc: 96.96 ug/ml



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

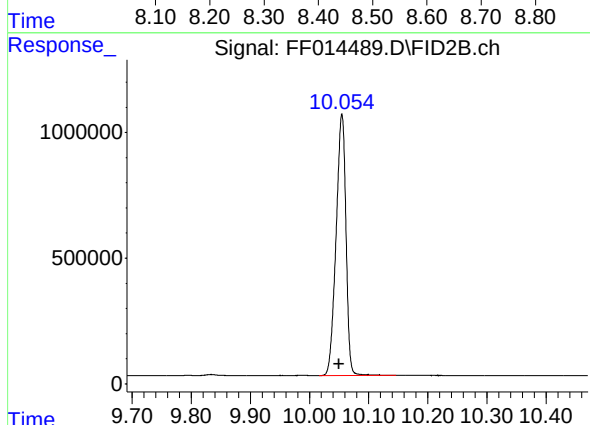
R.T.: 7.246 min
Delta R.T.: 0.004 min
Response: 12092082
Conc: 101.45 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



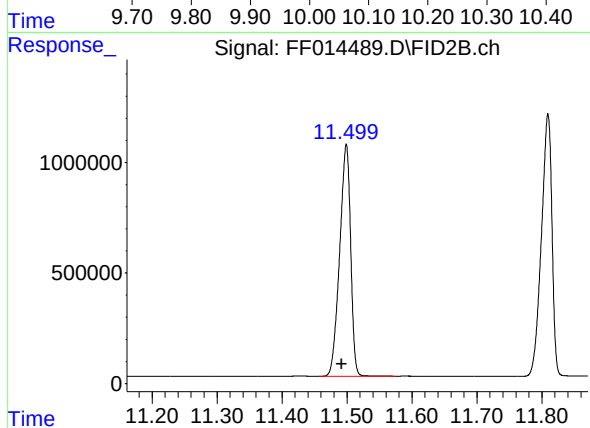
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: 0.005 min
Response: 11658853
Conc: 97.87 ug/ml



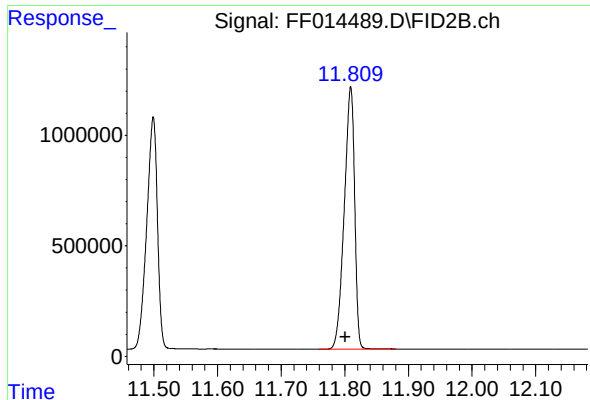
#7 n-Hexadecane (C16)

R.T.: 10.055 min
Delta R.T.: 0.005 min
Response: 12074799
Conc: 98.33 ug/ml



#8 n-Octadecane (C18)

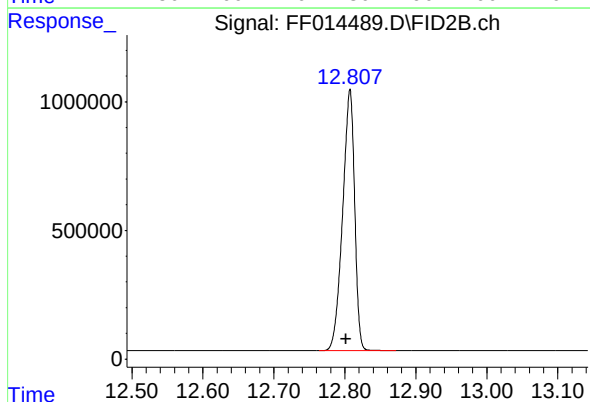
R.T.: 11.499 min
Delta R.T.: 0.007 min
Response: 12313634
Conc: 97.53 ug/ml



#9 ortho-Terphenyl (SURR)

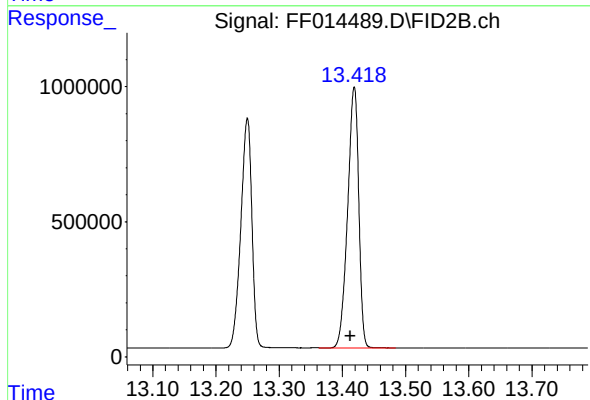
R.T.: 11.809 min
Delta R.T.: 0.008 min
Response: 13411797
Conc: 96.80 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



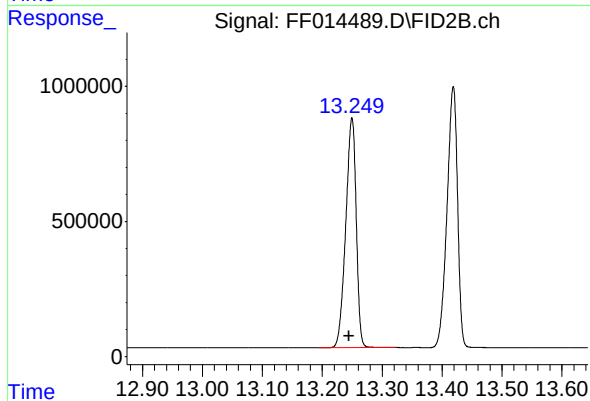
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: 0.006 min
Response: 11943812
Conc: 96.98 ug/ml



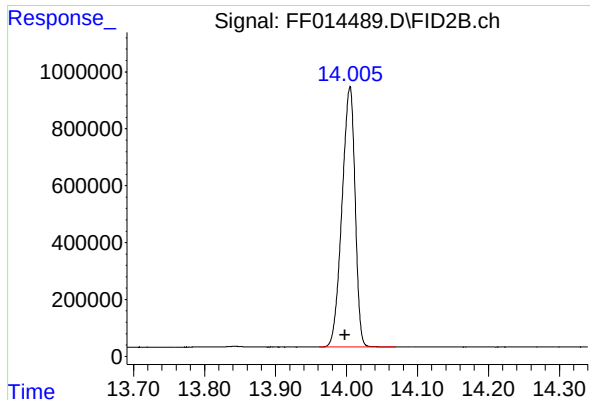
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: 0.006 min
Response: 11783073
Conc: 96.87 ug/ml



#12 1-chlorooctadecane (SURR)

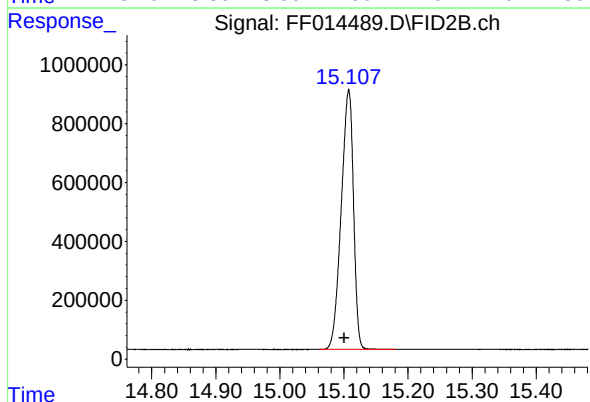
R.T.: 13.250 min
Delta R.T.: 0.005 min
Response: 10333496
Conc: 97.77 ug/ml



#13 n-Docosane (C22)

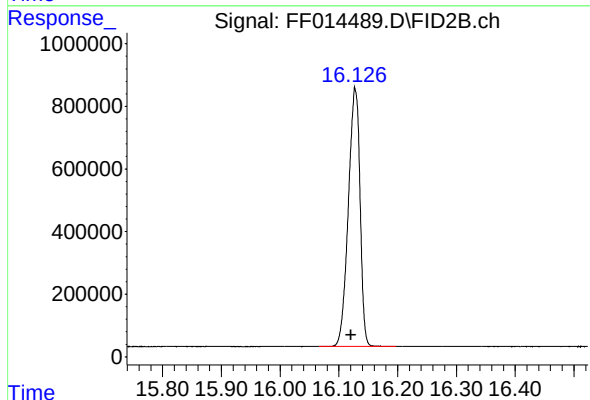
R.T.: 14.005 min
Delta R.T.: 0.007 min
Response: 11737345
Conc: 97.20 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



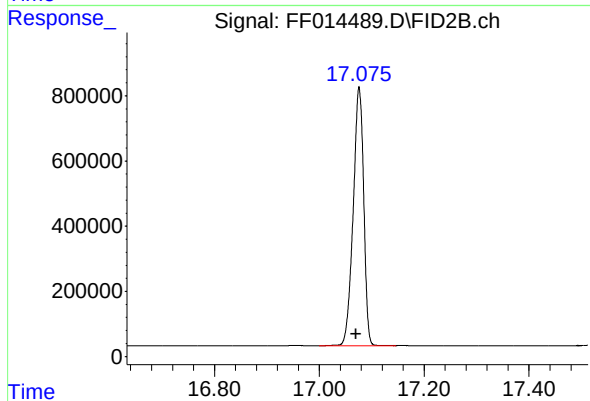
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: 0.007 min
Response: 11668458
Conc: 97.40 ug/ml



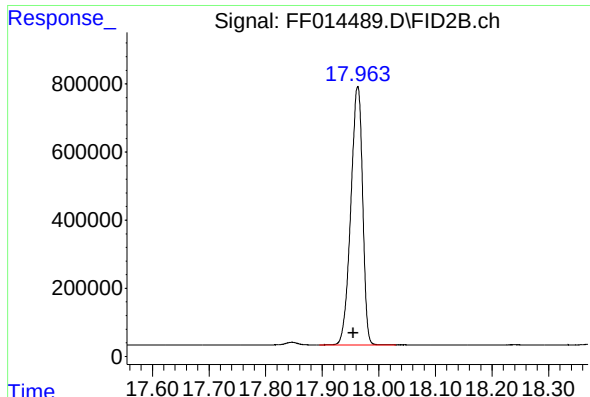
#15 n-Hexacosane (C26)

R.T.: 16.128 min
Delta R.T.: 0.007 min
Response: 11408137
Conc: 97.46 ug/ml



#16 n-Octacosane (C28)

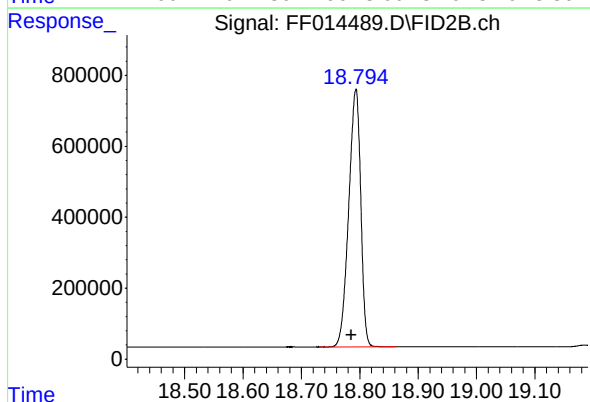
R.T.: 17.076 min
Delta R.T.: 0.006 min
Response: 11061101
Conc: 97.55 ug/ml



#17 n-Tricontane (C30)

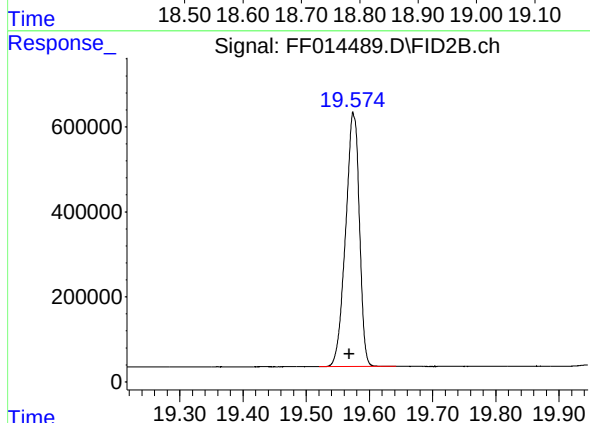
R.T.: 17.963 min
Delta R.T.: 0.008 min
Response: 10985044
Conc: 96.75 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



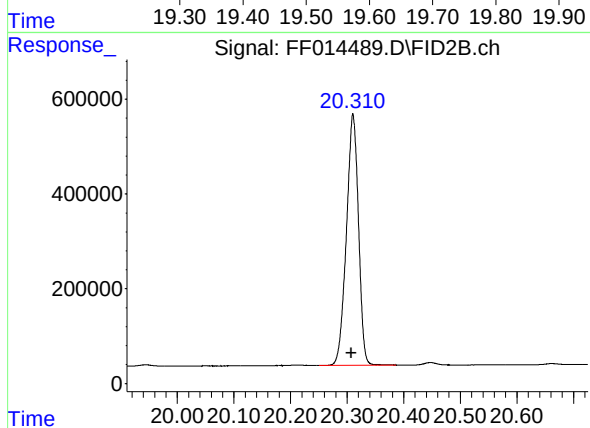
#18 n-Dotriacontane (C32)

R.T.: 18.794 min
Delta R.T.: 0.008 min
Response: 10379511
Conc: 96.36 ug/ml



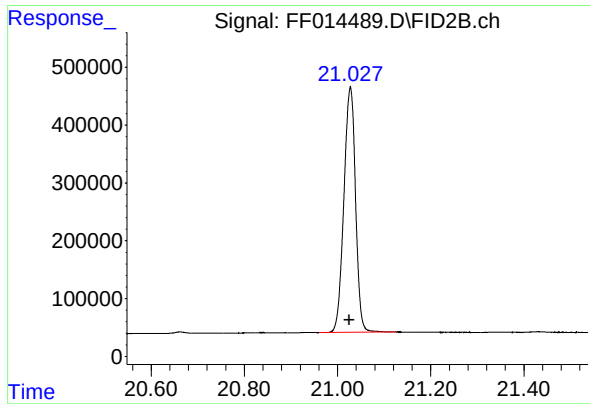
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min
Delta R.T.: 0.006 min
Response: 9065487
Conc: 96.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.310 min
Delta R.T.: 0.003 min
Response: 7839971
Conc: 97.06 ug/ml



#21 n-Octatriacontane (C38)

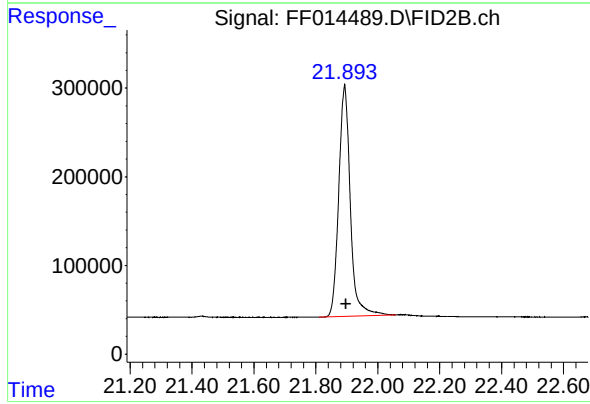
R.T.: 21.028 min
Delta R.T.: 0.002 min
Response: 7359240
Conc: 99.29 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.893 min
Delta R.T.: -0.004 min
Response: 6754907
Conc: 105.08 ug/ml