

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014490.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 19:30
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 11 08:04:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:04:47 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)	11.805	6996259	49.530 ug/ml
Spiked Amount 50.000		Recovery =	99.06%
12) S 1-chlorooctadecane (S...	13.246	5350344	50.696 ug/ml
Spiked Amount 50.000		Recovery =	101.39%
Target Compounds			
1) T n-Nonane (C9)	3.206	5909220	50.265 ug/ml
2) T n-Decane (C10)	4.454	6027636	50.737 ug/ml
3) T A~Naphthalene (C11.7)	6.147	6480228	52.600 ug/ml
4) T n-Dodecane (C12)	6.619	6136416	50.335 ug/ml
5) T A~2-methylnaphthalene...	7.242	6153225	54.790 ug/ml
6) T n-Tetradecane (C14)	8.445	6076241	51.240 ug/ml
7) T n-Hexadecane (C16)	10.052	6289842	51.965 ug/ml
8) T n-Octadecane (C18)	11.495	6410706	50.582 ug/ml
10) T n-Eicosane (C20)	12.803	6224093	49.769 ug/ml
11) T n-Heneicosane (C21)	13.415	6141194	49.691 ug/ml
13) T n-Docosane (C22)	14.001	6095025	49.860 ug/ml
14) T n-Tetracosane (C24)	15.103	6034738	49.790 ug/ml
15) T n-Hexacosane (C26)	16.123	5878121	49.493 ug/ml
16) T n-Octacosane (C28)	17.072	5696650	49.422 ug/ml
17) T n-Tricontane (C30)	17.958	5654433	48.667 ug/ml
18) T n-Dotriacontane (C32)	18.788	5351105	48.559 ug/ml
19) T n-Tetratriacontane (C34)	19.572	4672250	49.023 ug/ml
20) T n-Hexatriacontane (C36)	20.307	4029672	49.865 ug/ml
21) T n-Octatriacontane (C38)	21.027	3768977	51.082 ug/ml
22) T n-Tetracontane (C40)	21.891	3320660	52.116 ug/ml

(f)=RT Delta > 1/2 Window

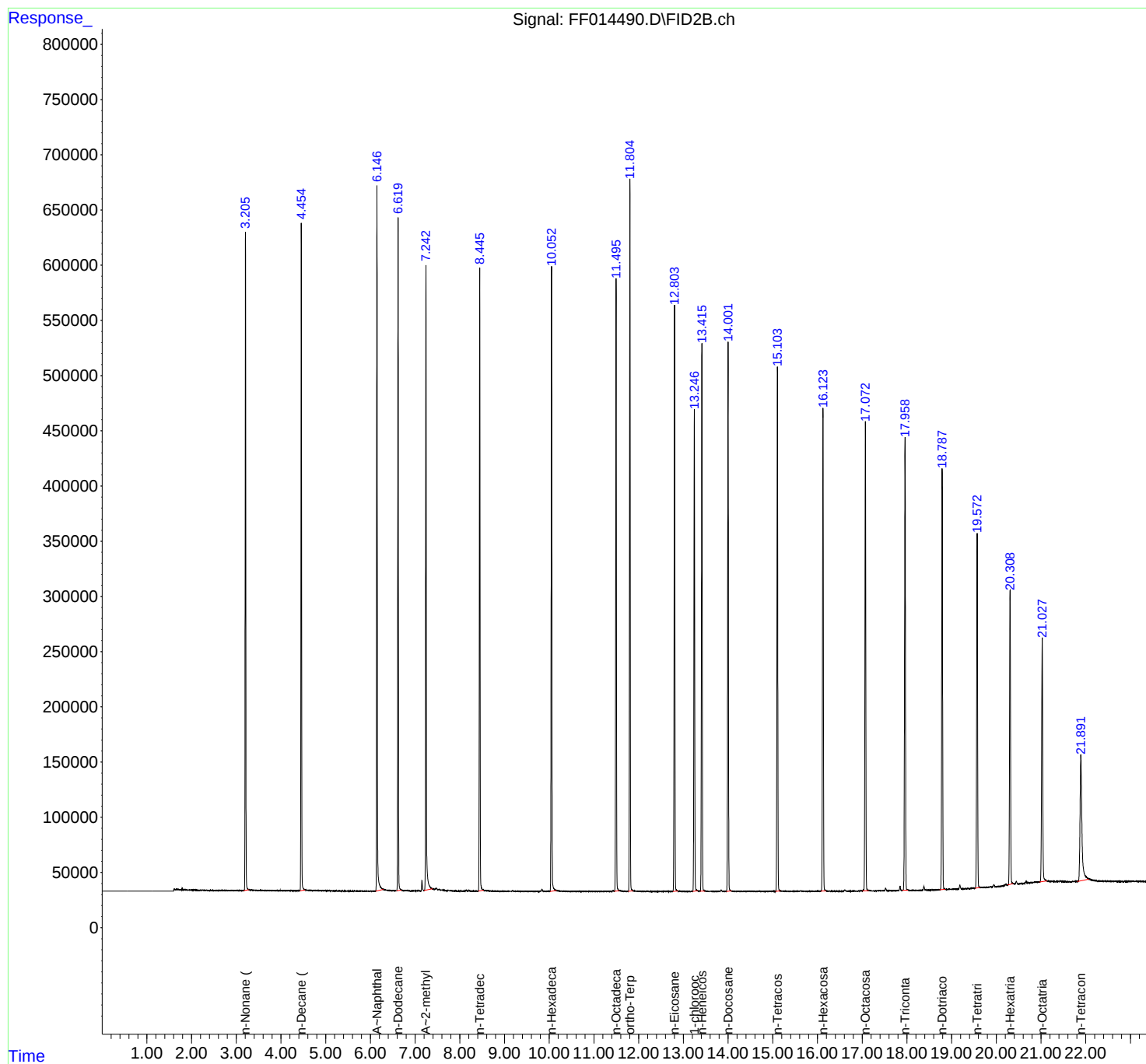
(m)=manual int.

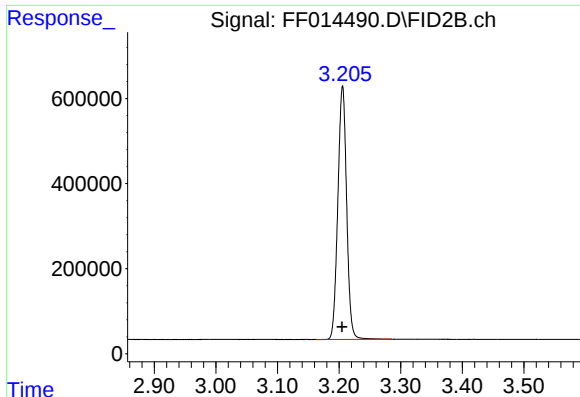
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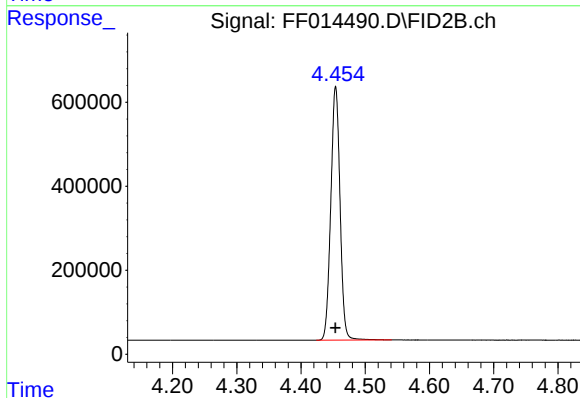




#1 n-Nonane (C9)

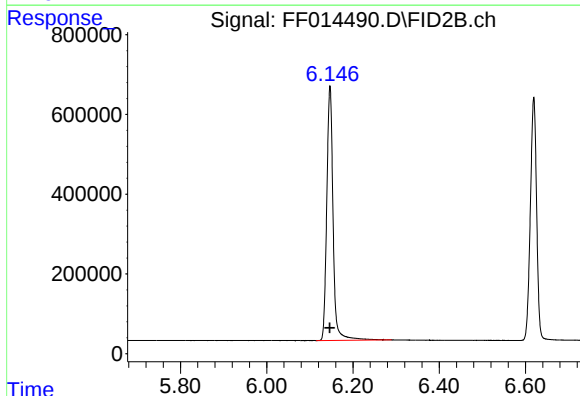
R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 5909220
Conc: 50.27 ug/ml

Instrument :
FID_F
ClientSampleId :



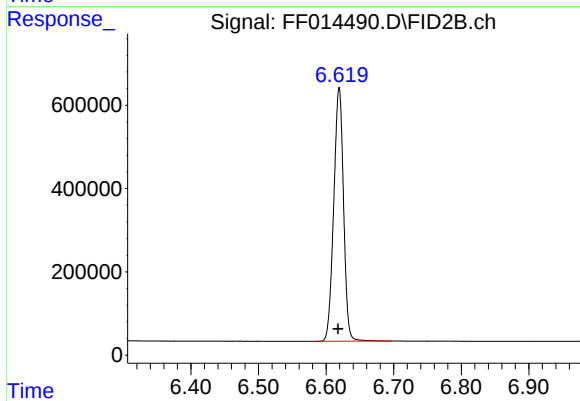
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 6027636
Conc: 50.74 ug/ml



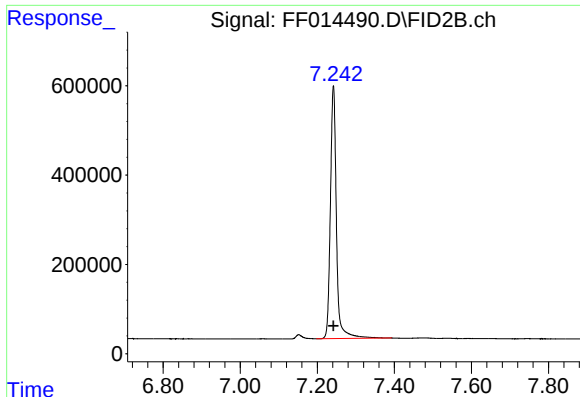
#3 A~Naphthalene (C11.7)

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 6480228
Conc: 52.60 ug/ml



#4 n-Dodecane (C12)

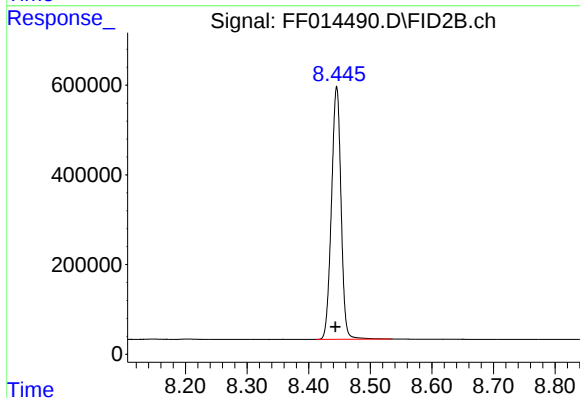
R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 6136416
Conc: 50.34 ug/ml



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

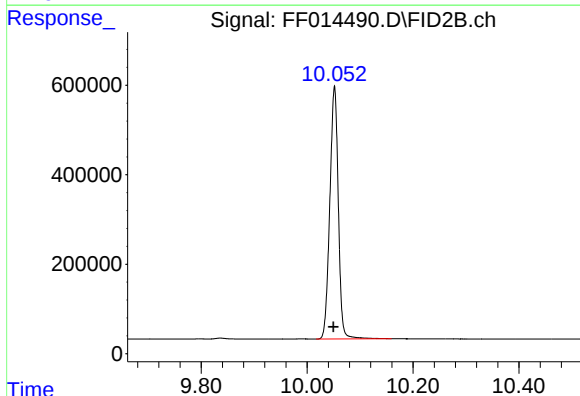
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 6153225
Conc: 54.79 ug/ml

Instrument :
FID_F
ClientSampleId :



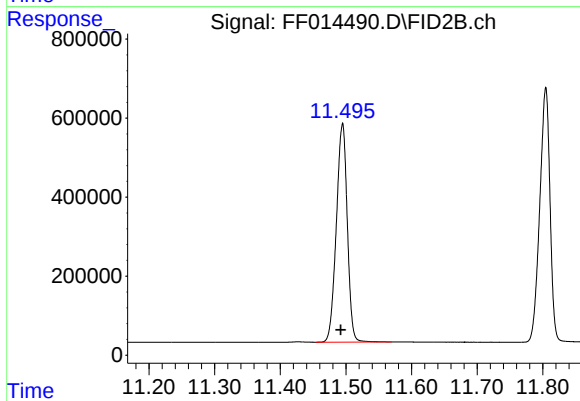
#6 n-Tetradecane (C14)

R.T.: 8.445 min
Delta R.T.: 0.002 min
Response: 6076241
Conc: 51.24 ug/ml



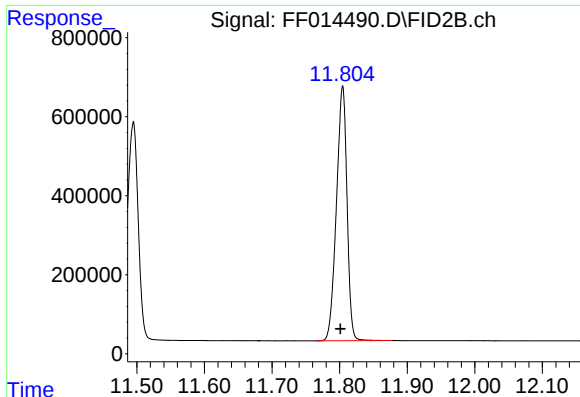
#7 n-Hexadecane (C16)

R.T.: 10.052 min
Delta R.T.: 0.002 min
Response: 6289842
Conc: 51.97 ug/ml



#8 n-Octadecane (C18)

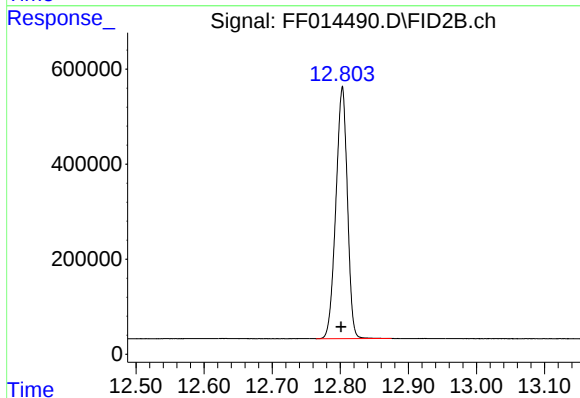
R.T.: 11.495 min
Delta R.T.: 0.003 min
Response: 6410706
Conc: 50.58 ug/ml



#9 ortho-Terphenyl (SURR)

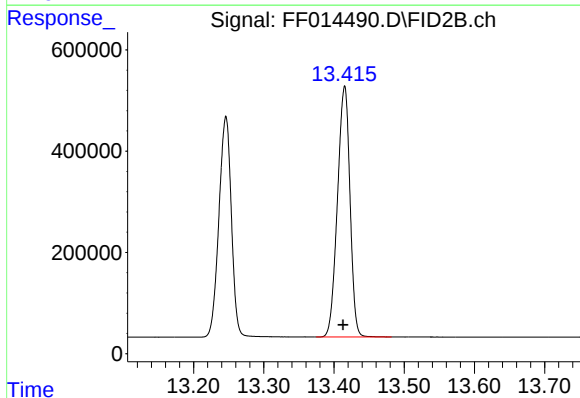
R.T.: 11.805 min
Delta R.T.: 0.004 min
Response: 6996259
Conc: 49.53 ug/ml

Instrument :
FID_F
ClientSampleId :



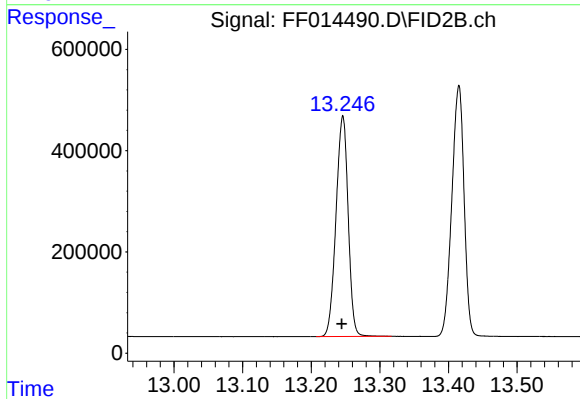
#10 n-Eicosane (C20)

R.T.: 12.803 min
Delta R.T.: 0.002 min
Response: 6224093
Conc: 49.77 ug/ml



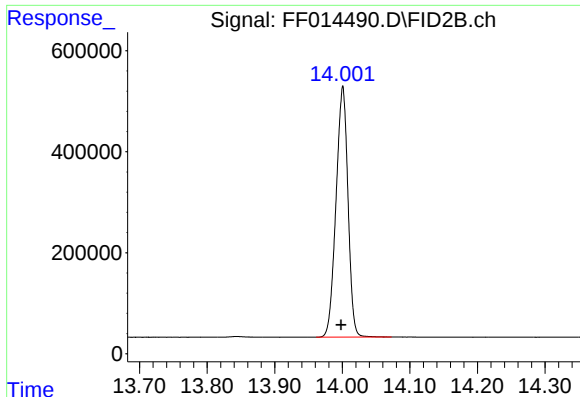
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: 0.002 min
Response: 6141194
Conc: 49.69 ug/ml



#12 1-chlorooctadecane (SURR)

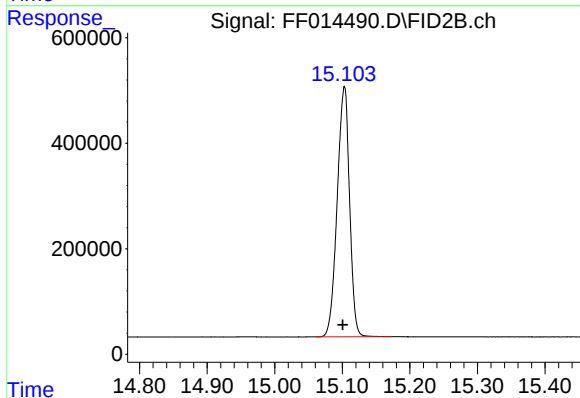
R.T.: 13.246 min
Delta R.T.: 0.002 min
Response: 5350344
Conc: 50.70 ug/ml



#13 n-Docosane (C22)

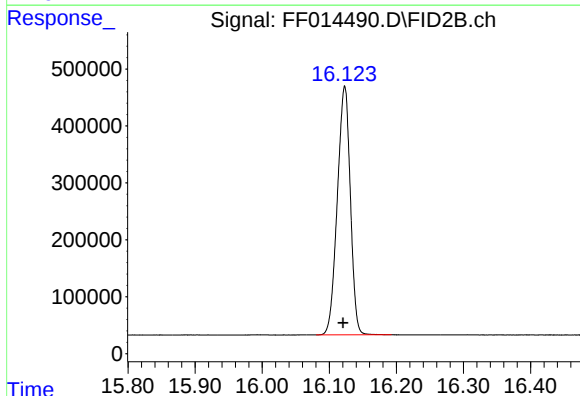
R.T.: 14.001 min
Delta R.T.: 0.003 min
Response: 6095025
Conc: 49.86 ug/ml

Instrument :
FID_F
ClientSampleId :



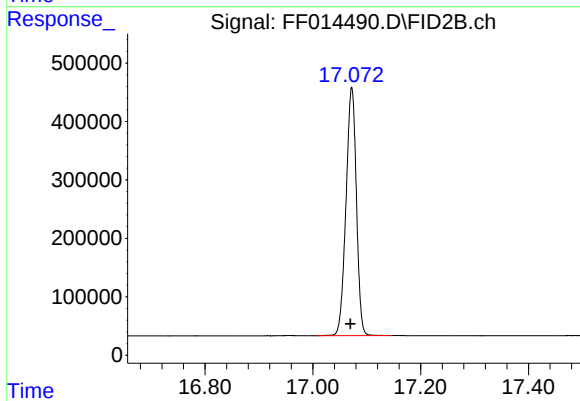
#14 n-Tetracosane (C24)

R.T.: 15.103 min
Delta R.T.: 0.002 min
Response: 6034738
Conc: 49.79 ug/ml



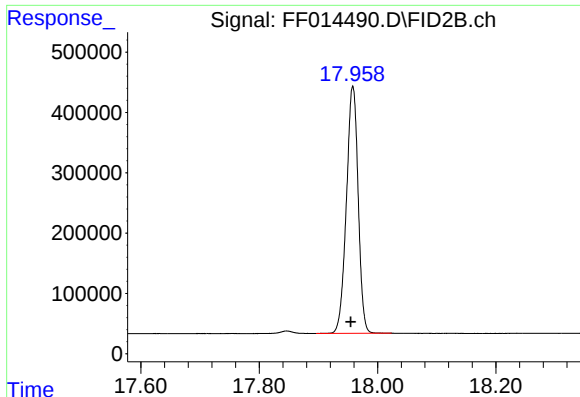
#15 n-Hexacosane (C26)

R.T.: 16.123 min
Delta R.T.: 0.003 min
Response: 5878121
Conc: 49.49 ug/ml



#16 n-Octacosane (C28)

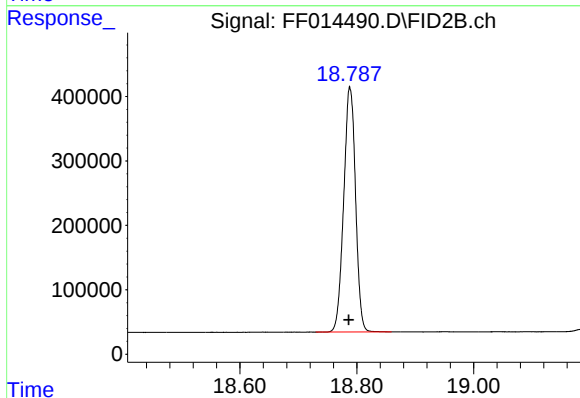
R.T.: 17.072 min
Delta R.T.: 0.002 min
Response: 5696650
Conc: 49.42 ug/ml



#17 n-Tricontane (C30)

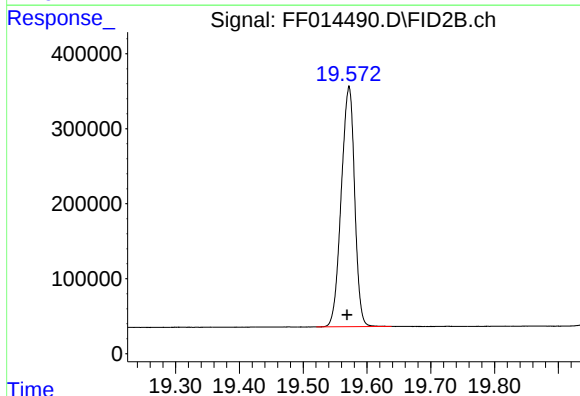
R.T.: 17.958 min
Delta R.T.: 0.003 min
Response: 5654433
Conc: 48.67 ug/ml

Instrument :
FID_F
ClientSampleId :



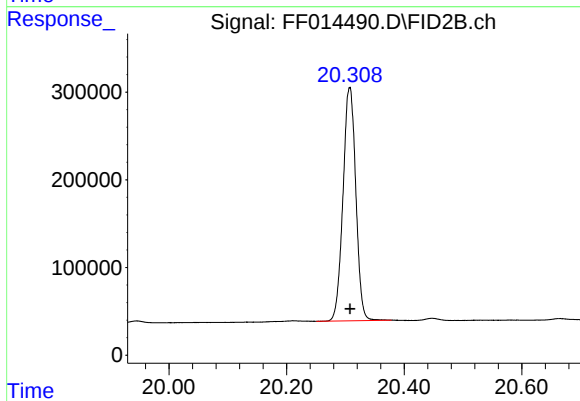
#18 n-Dotriacontane (C32)

R.T.: 18.788 min
Delta R.T.: 0.002 min
Response: 5351105
Conc: 48.56 ug/ml



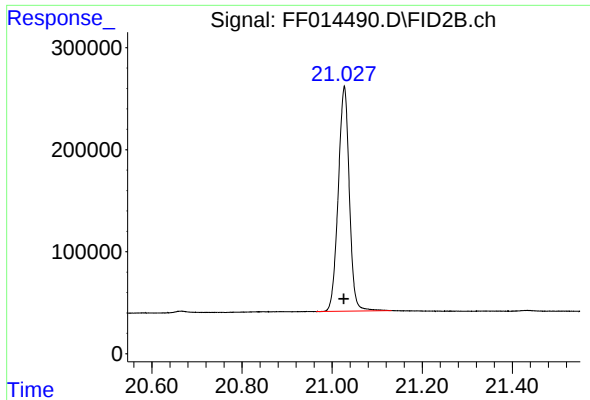
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min
Delta R.T.: 0.003 min
Response: 4672250
Conc: 49.02 ug/ml



#20 n-Hexatriacontane (C36)

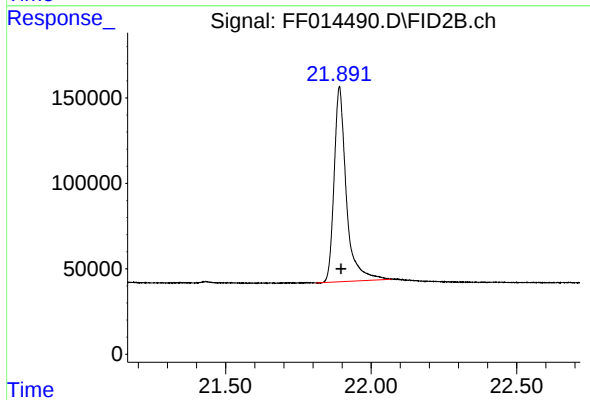
R.T.: 20.307 min
Delta R.T.: 0.000 min
Response: 4029672
Conc: 49.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.027 min
Delta R.T.: 0.002 min
Response: 3768977
Conc: 51.08 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.891 min
Delta R.T.: -0.006 min
Response: 3320660
Conc: 52.12 ug/ml