

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013973.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 13:00
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 30 03:54:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 03:54:17 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)	11.865	13104828	98.560 ug/ml
Spiked Amount 50.000		Recovery =	197.12%
12) S 1-chlorooctadecane (S...	13.308	9890385	99.312 ug/ml
Spiked Amount 50.000		Recovery =	198.62%
Target Compounds			
1) T n-Nonane (C9)	3.230	12653870	98.724 ug/ml
2) T n-Decane (C10)	4.483	12908299	98.762 ug/ml
3) T A~Naphthalene (C11.7)	6.188	13596127	99.287 ug/ml
4) T n-Dodecane (C12)	6.657	12877181	98.734 ug/ml
5) T A~2-methylnaphthalene...	7.289	12981472	99.741 ug/ml
6) T n-Tetradecane (C14)	8.490	12567489	98.657 ug/ml
7) T n-Hexadecane (C16)	10.102	12738714	98.649 ug/ml
8) T n-Octadecane (C18)	11.552	12663301	98.578 ug/ml
10) T n-Eicosane (C20)	12.863	11980121	98.636 ug/ml
11) T n-Heneicosane (C21)	13.478	11711952	98.585 ug/ml
13) T n-Docosane (C22)	14.066	11599863	98.730 ug/ml
14) T n-Tetracosane (C24)	15.172	11479636	98.782 ug/ml
15) T n-Hexacosane (C26)	16.197	11273112	98.771 ug/ml
16) T n-Octacosane (C28)	17.150	11065896	98.942 ug/ml
17) T n-Tricontane (C30)	18.039	11221614	98.820 ug/ml
18) T n-Dotriacontane (C32)	18.875	11014287	98.685 ug/ml
19) T n-Tetratriacontane (C34)	19.661	10871695	98.290 ug/ml
20) T n-Hexatriacontane (C36)	20.404	10739530	98.396 ug/ml
21) T n-Octatriacontane (C38)	21.140	10814944	96.203 ug/ml
22) T n-Tetracontane (C40)	22.049	10712885	96.480 ug/ml

(f)=RT Delta > 1/2 Window

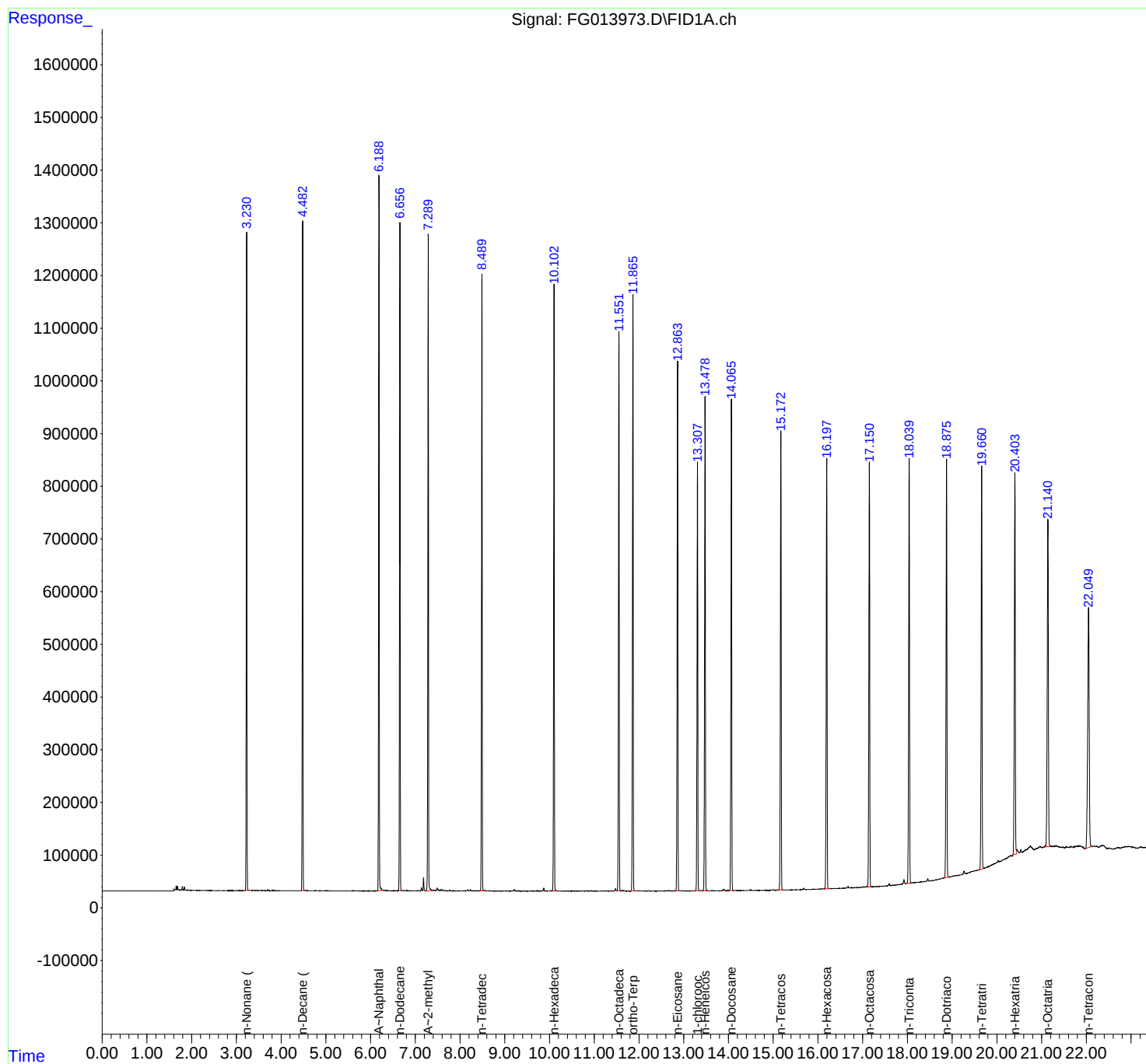
(m)=manual int.

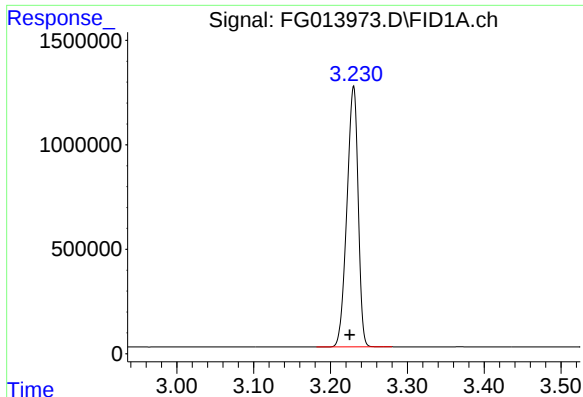
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

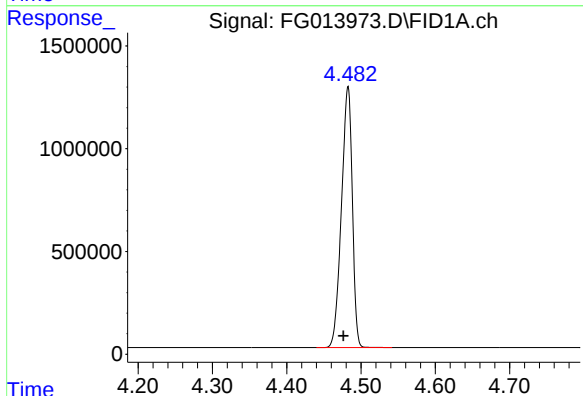
R.T.: 3.230 min
Delta R.T.: 0.005 min
Response: 12653870
Conc: 98.72 ug/ml

Instrument :

FID_G

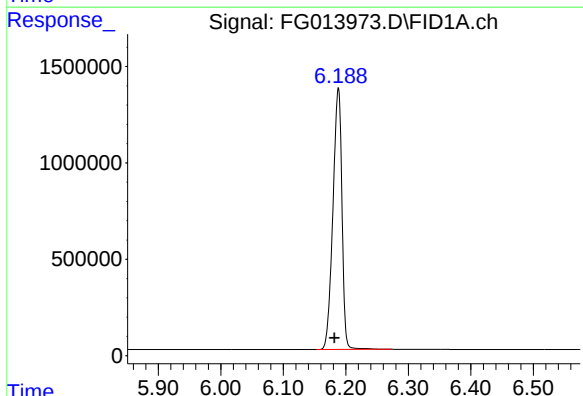
ClientSampleId :

100 PPM ALIPHATIC HC STD1



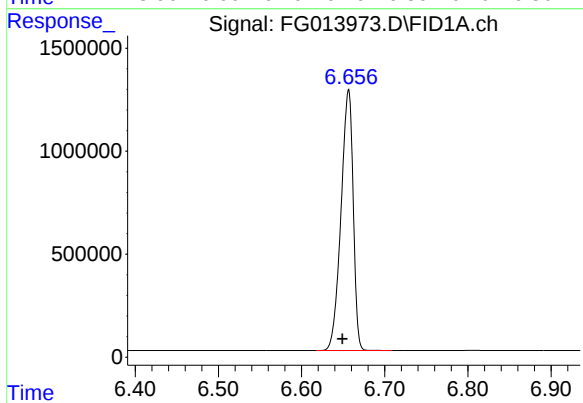
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.006 min
Response: 12908299
Conc: 98.76 ug/ml



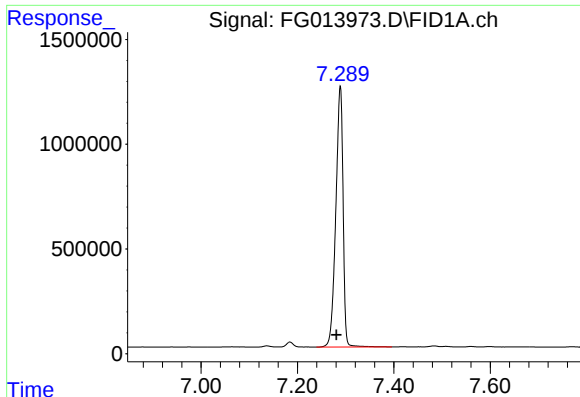
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: 0.006 min
Response: 13596127
Conc: 99.29 ug/ml



#4 n-Dodecane (C12)

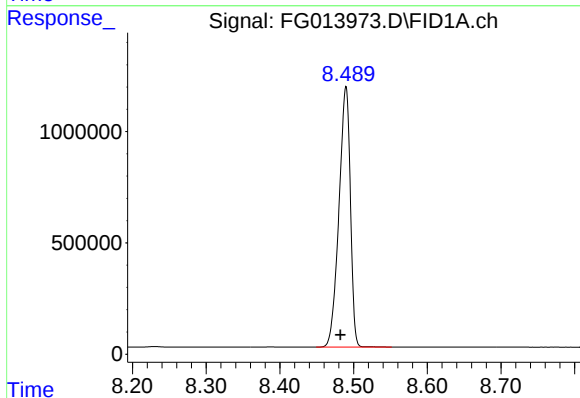
R.T.: 6.657 min
Delta R.T.: 0.007 min
Response: 12877181
Conc: 98.73 ug/ml



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

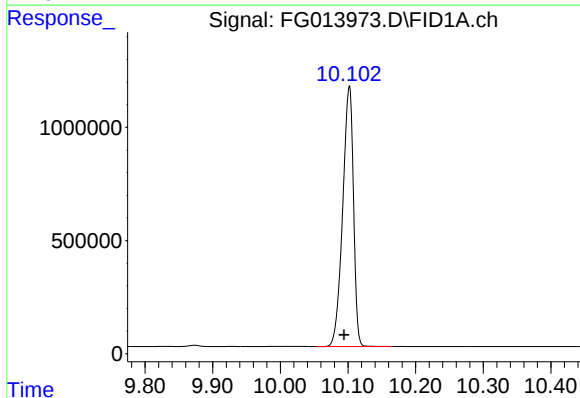
R.T.: 7.289 min
Delta R.T.: 0.008 min
Response: 12981472
Conc: 99.74 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



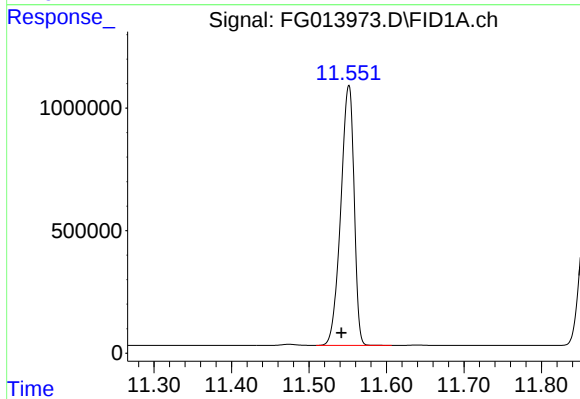
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.008 min
Response: 12567489
Conc: 98.66 ug/ml



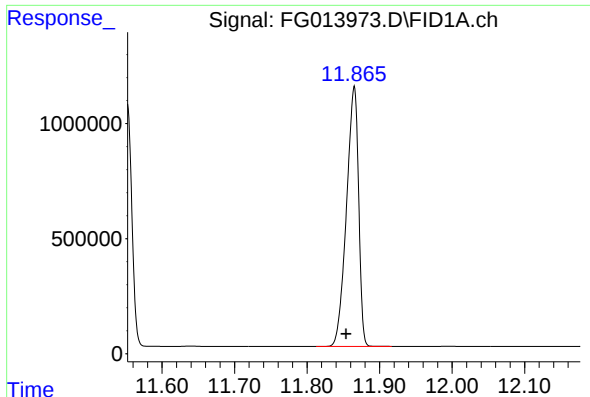
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.008 min
Response: 12738714
Conc: 98.65 ug/ml



#8 n-Octadecane (C18)

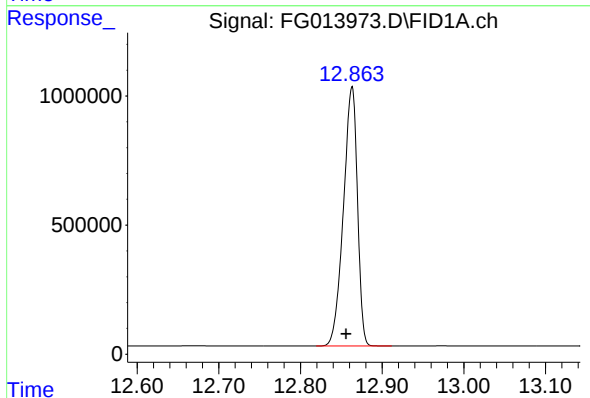
R.T.: 11.552 min
Delta R.T.: 0.010 min
Response: 12663301
Conc: 98.58 ug/ml



#9 ortho-Terphenyl (SURR)

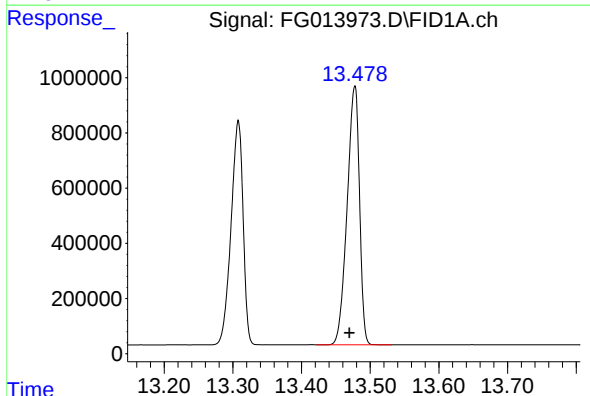
R.T.: 11.865 min
Delta R.T.: 0.011 min
Response: 13104828
Conc: 98.56 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



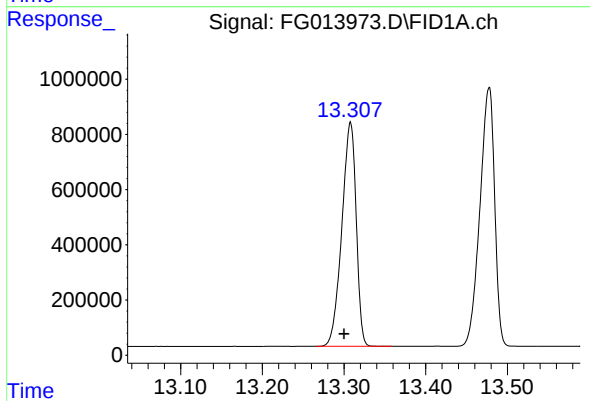
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: 0.007 min
Response: 11980121
Conc: 98.64 ug/ml



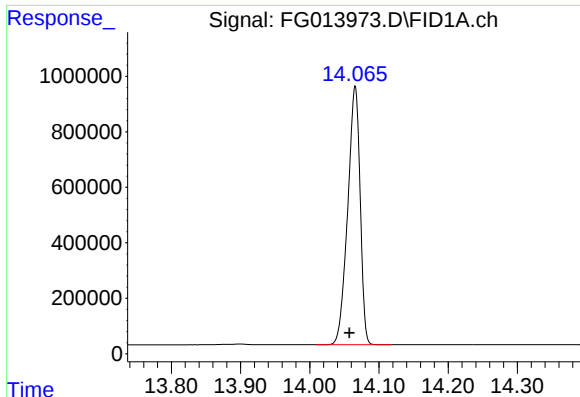
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.008 min
Response: 11711952
Conc: 98.59 ug/ml



#12 1-chlorooctadecane (SURR)

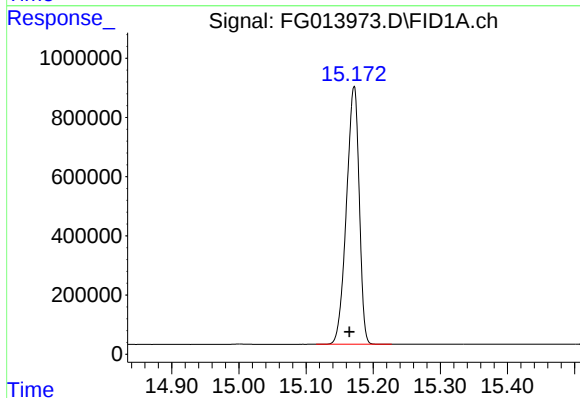
R.T.: 13.308 min
Delta R.T.: 0.008 min
Response: 9890385
Conc: 99.31 ug/ml



#13 n-Docosane (C22)

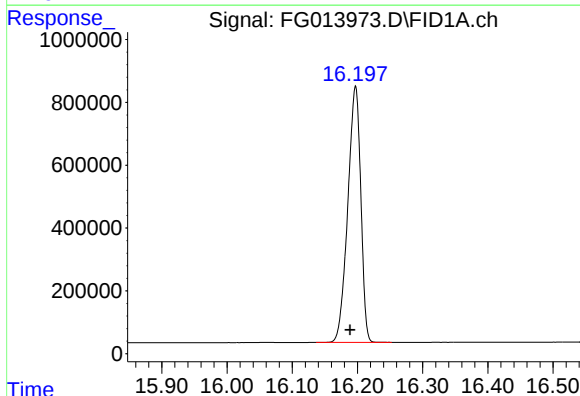
R.T.: 14.066 min
Delta R.T.: 0.008 min
Response: 11599863
Conc: 98.73 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



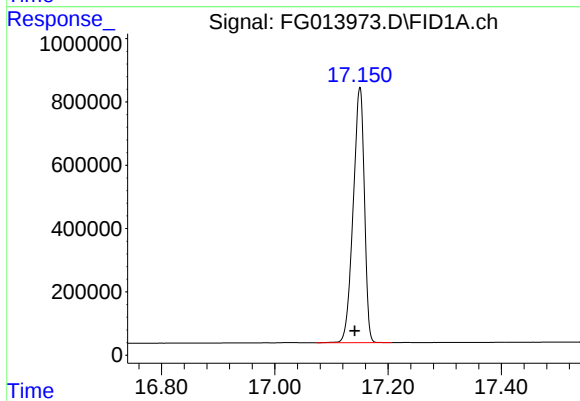
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.007 min
Response: 11479636
Conc: 98.78 ug/ml



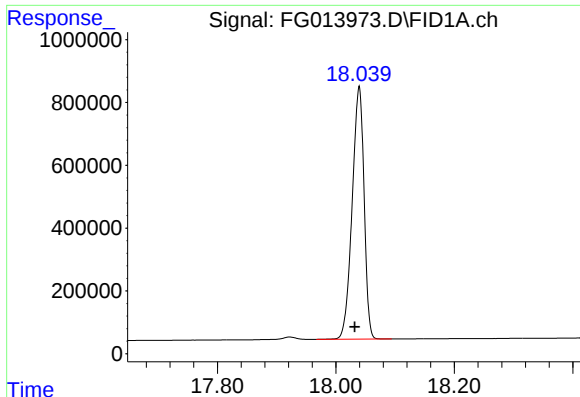
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.008 min
Response: 11273112
Conc: 98.77 ug/ml



#16 n-Octacosane (C28)

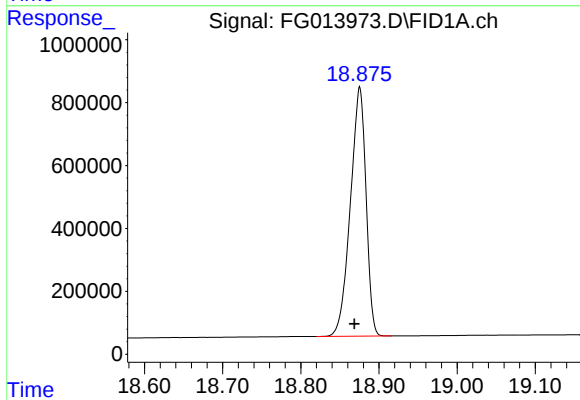
R.T.: 17.150 min
Delta R.T.: 0.009 min
Response: 11065896
Conc: 98.94 ug/ml



#17 n-Tricontane (C30)

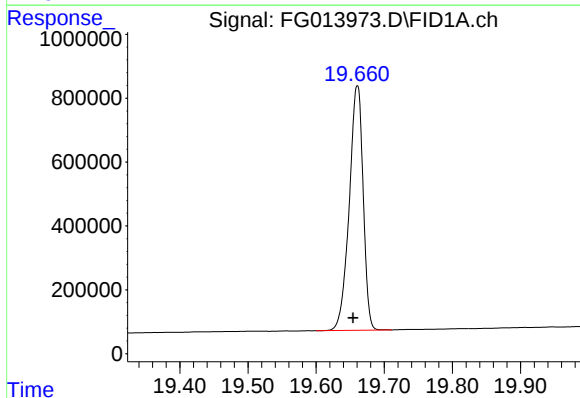
R.T.: 18.039 min
Delta R.T.: 0.008 min
Response: 11221614
Conc: 98.82 ug/ml

Instrument :
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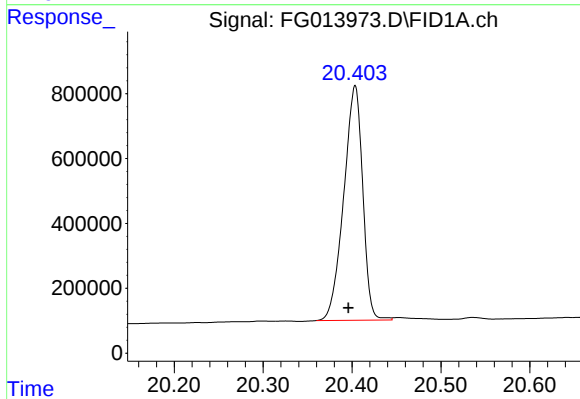
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: 0.007 min
Response: 11014287
Conc: 98.69 ug/ml



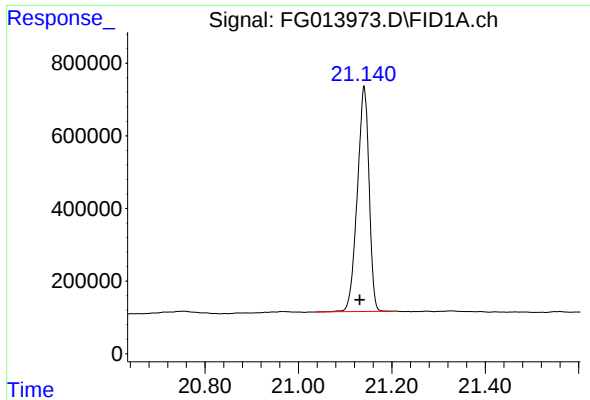
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: 0.006 min
Response: 10871695
Conc: 98.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: 0.008 min
Response: 10739530
Conc: 98.40 ug/ml



#21 n-Octatriacontane (C38)

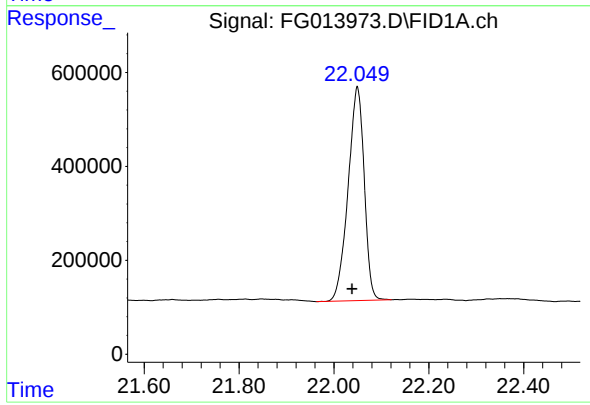
R.T.: 21.140 min
Delta R.T.: 0.009 min
Response: 10814944
Conc: 96.20 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: 0.011 min
Response: 10712885
Conc: 96.48 ug/ml