

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052423AL\
 Data File : FG012003.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2023 21:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 03:39:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.919	3309931	21.147 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
12) S 1-chlorooctadecane (S...	12.359	2537219	21.396 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
Target Compounds			
1) T n-Nonane (C9)	2.756	2381940	20.688 ug/ml
2) T n-Decane (C10)	3.767	2446901	20.744 ug/ml
3) T A~Naphthalene (C11.7)	5.334	2685490	20.488 ug/ml
4) T n-Dodecane (C12)	5.760	2484861	20.717 ug/ml
5) T A~2-methylnaphthalene...	6.385	2562395	20.298 ug/ml
6) T n-Tetradecane (C14)	7.554	2512844	20.693 ug/ml
7) T n-Hexadecane (C16)	9.157	2701751	20.809 ug/ml
8) T n-Octadecane (C18)	10.601	2864119	21.042 ug/ml
10) T n-Eicosane (C20)	11.912	2869640	21.264 ug/ml
11) T n-Heneicosane (C21)	12.527	2861450	21.289 ug/ml
13) T n-Docosane (C22)	13.114	2930055	21.684 ug/ml
14) T n-Tetracosane (C24)	14.218	2954289	21.707 ug/ml
15) T n-Hexacosane (C26)	15.241	2940163	21.978 ug/ml
16) T n-Octacosane (C28)	16.193	2879294	22.055 ug/ml
17) T n-Tricontane (C30)	17.081	2959515	22.439 ug/ml
18) T n-Dotriacontane (C32)	17.917	2913255	22.677 ug/ml
19) T n-Tetratriacontane (C34)	18.701	2692532	21.975 ug/ml
20) T n-Hexatriacontane (C36)	19.443	2453242	21.088 ug/ml
21) T n-Octatriacontane (C38)	20.186	2411933	21.467 ug/ml
22) T n-Tetracontane (C40)	21.105	2353422	21.843 ug/ml

(f)=RT Delta > 1/2 Window

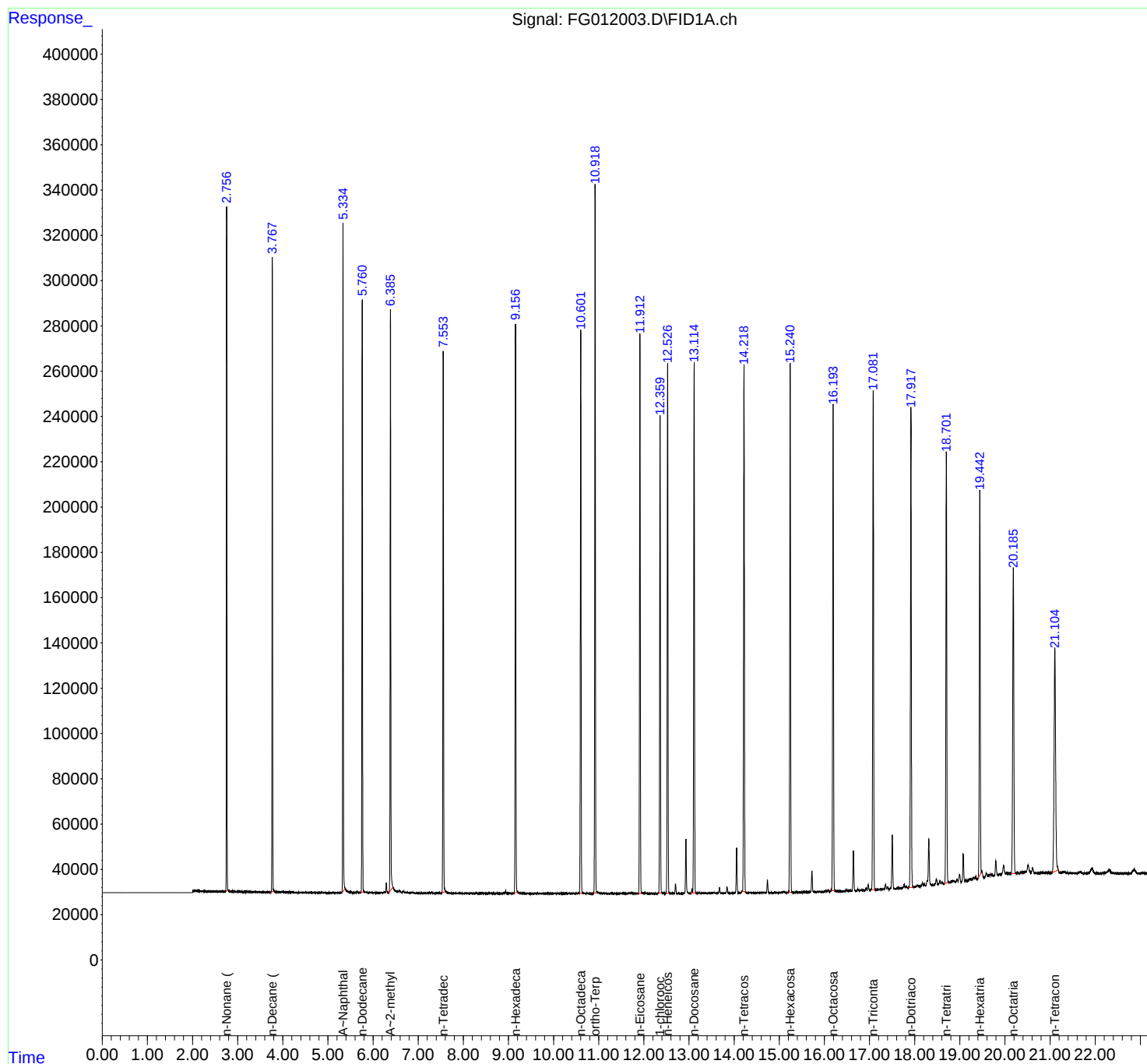
(m)=manual int.

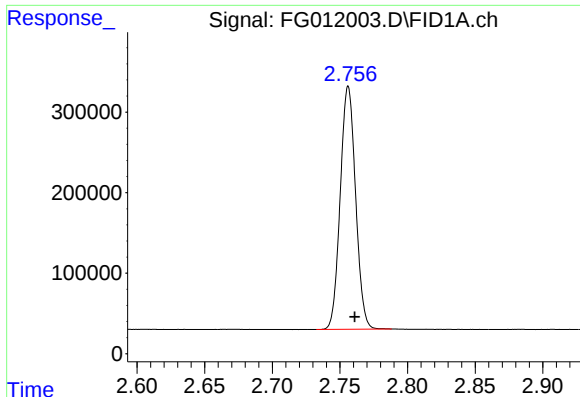
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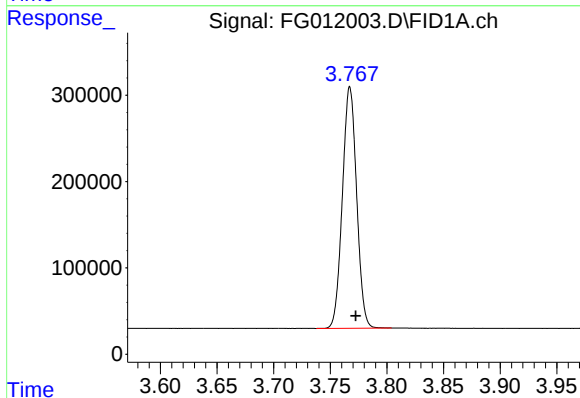




#1 n-Nonane (C9)

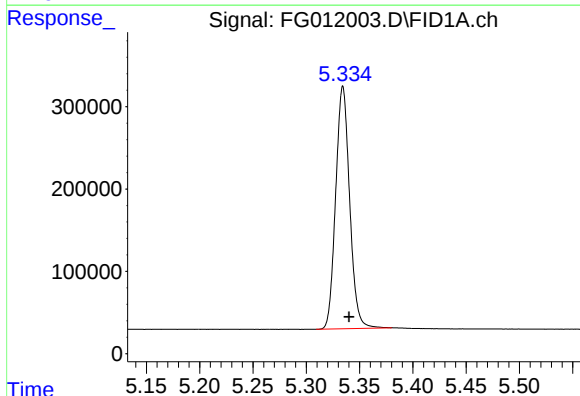
R.T.: 2.756 min
Delta R.T.: -0.005 min
Response: 2381940
Conc: 20.69 ug/ml

Instrument :
FID_G
ClientSampleId :



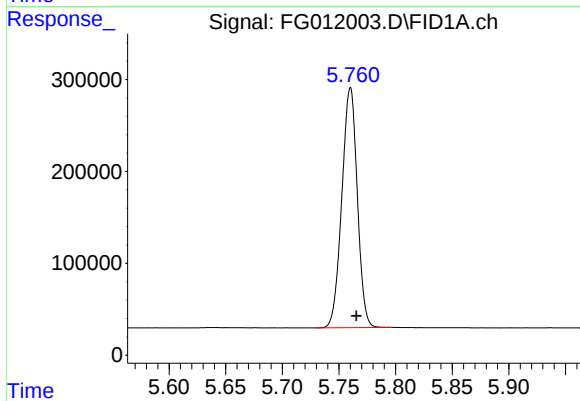
#2 n-Decane (C10)

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 2446901
Conc: 20.74 ug/ml



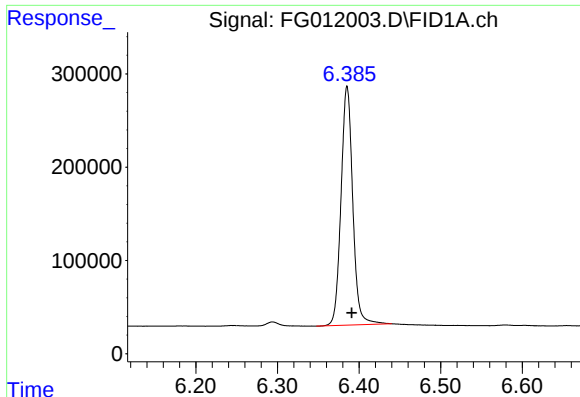
#3 A~Naphthalene (C11.7)

R.T.: 5.334 min
Delta R.T.: -0.006 min
Response: 2685490
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

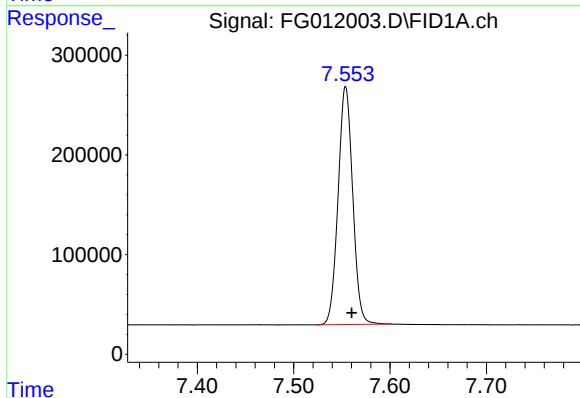
R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 2484861
Conc: 20.72 ug/ml



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

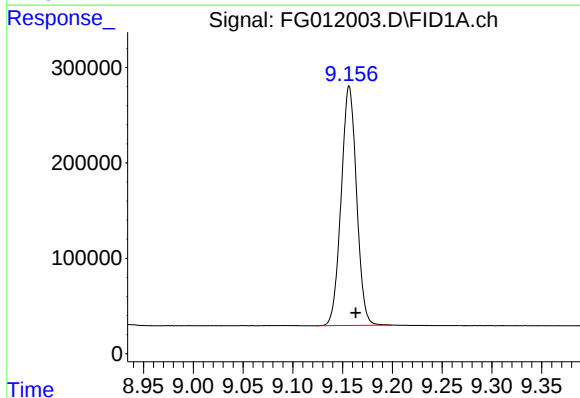
R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 2562395
Conc: 20.30 ug/ml

Instrument :
FID_G
ClientSampleId :



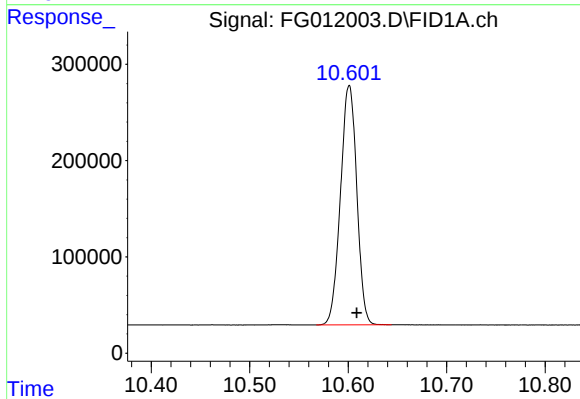
#6 n-Tetradecane (C14)

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 2512844
Conc: 20.69 ug/ml



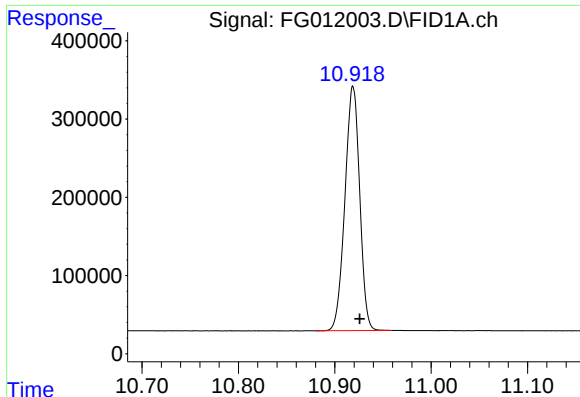
#7 n-Hexadecane (C16)

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 2701751
Conc: 20.81 ug/ml



#8 n-Octadecane (C18)

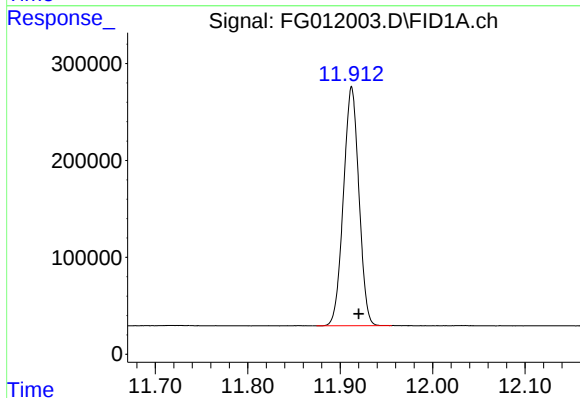
R.T.: 10.601 min
Delta R.T.: -0.008 min
Response: 2864119
Conc: 21.04 ug/ml



#9 ortho-Terphenyl (SURR)

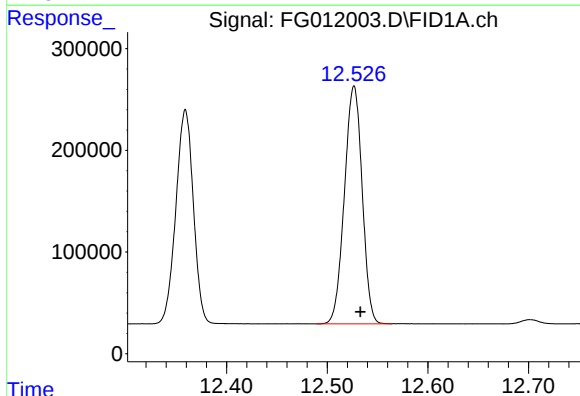
R.T.: 10.919 min
Delta R.T.: -0.007 min
Response: 3309931
Conc: 21.15 ug/ml

Instrument :
FID_G
ClientSampleId :



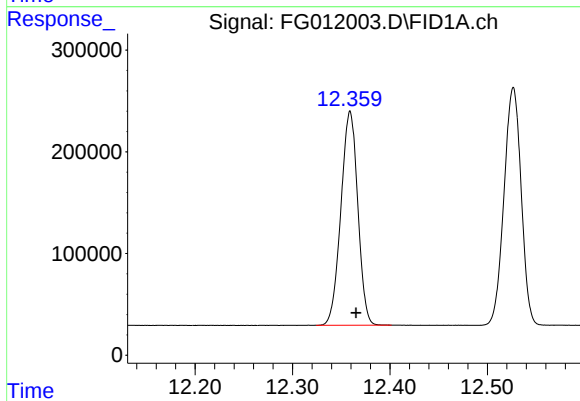
#10 n-Eicosane (C20)

R.T.: 11.912 min
Delta R.T.: -0.008 min
Response: 2869640
Conc: 21.26 ug/ml



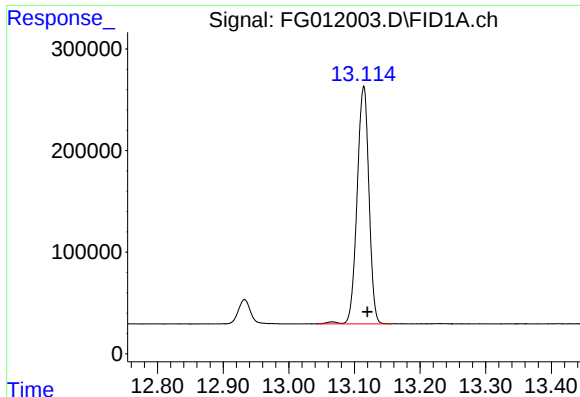
#11 n-Heneicosane (C21)

R.T.: 12.527 min
Delta R.T.: -0.006 min
Response: 2861450
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

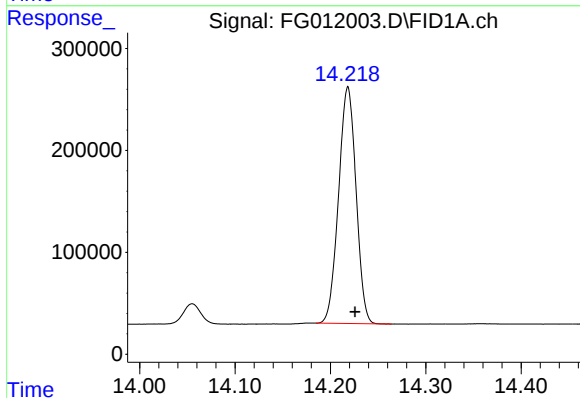
R.T.: 12.359 min
Delta R.T.: -0.006 min
Response: 2537219
Conc: 21.40 ug/ml



#13 n-Docosane (C22)

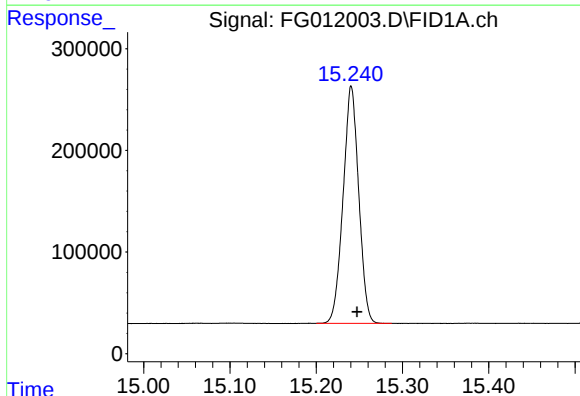
R.T.: 13.114 min
Delta R.T.: -0.006 min
Response: 2930055
Conc: 21.68 ug/ml

Instrument :
FID_G
ClientSampleId :



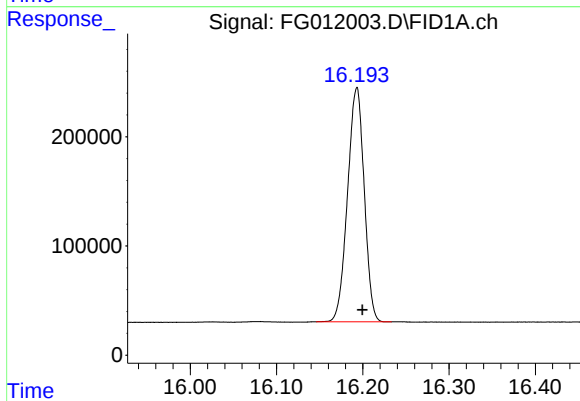
#14 n-Tetracosane (C24)

R.T.: 14.218 min
Delta R.T.: -0.007 min
Response: 2954289
Conc: 21.71 ug/ml



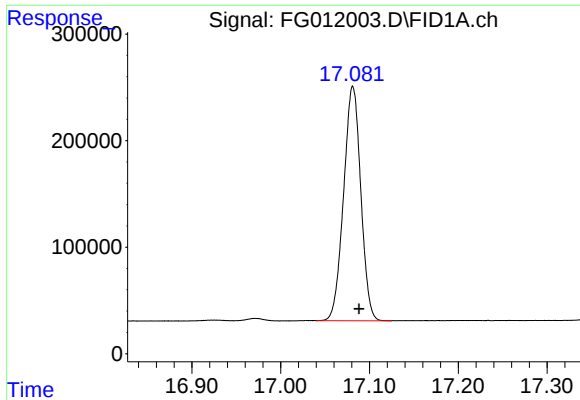
#15 n-Hexacosane (C26)

R.T.: 15.241 min
Delta R.T.: -0.007 min
Response: 2940163
Conc: 21.98 ug/ml



#16 n-Octacosane (C28)

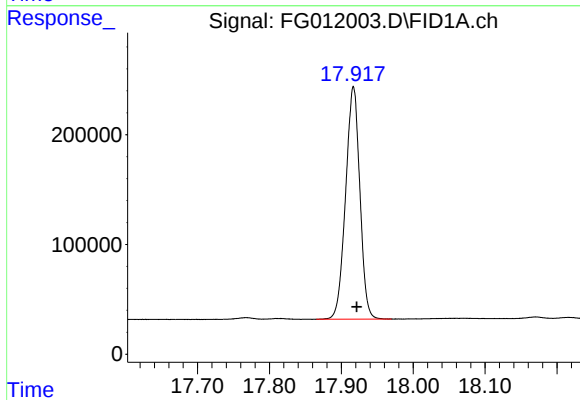
R.T.: 16.193 min
Delta R.T.: -0.006 min
Response: 2879294
Conc: 22.05 ug/ml



#17 n-Tricontane (C30)

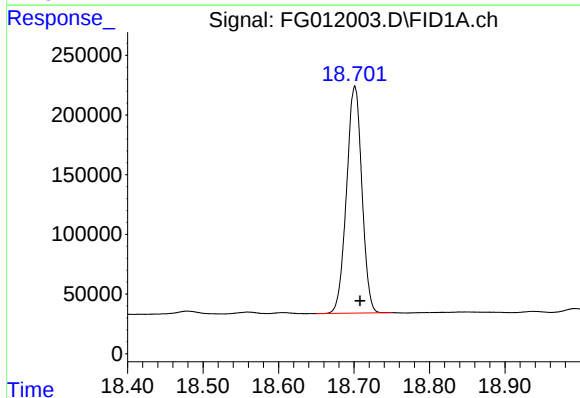
R.T.: 17.081 min
Delta R.T.: -0.007 min
Response: 2959515
Conc: 22.44 ug/ml

Instrument :
FID_G
ClientSampleId :



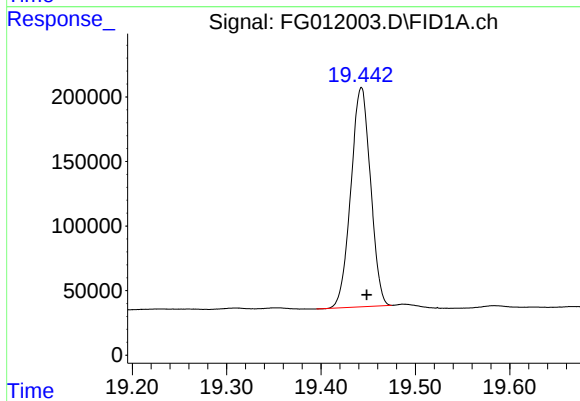
#18 n-Dotriacontane (C32)

R.T.: 17.917 min
Delta R.T.: -0.004 min
Response: 2913255
Conc: 22.68 ug/ml



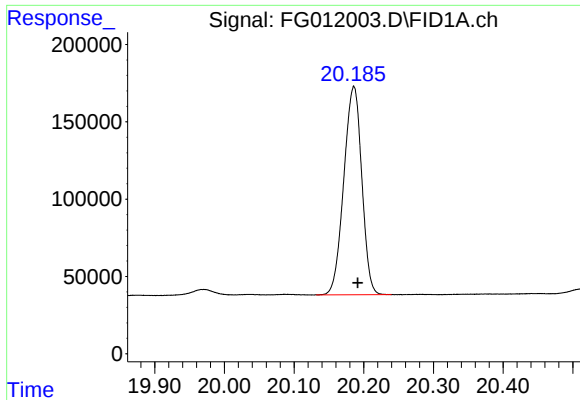
#19 n-Tetratriacontane (C34)

R.T.: 18.701 min
Delta R.T.: -0.007 min
Response: 2692532
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

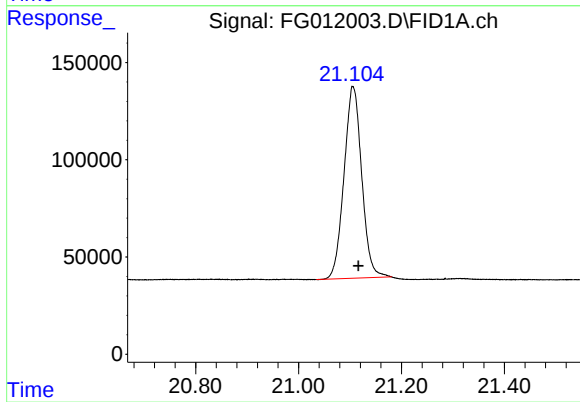
R.T.: 19.443 min
Delta R.T.: -0.006 min
Response: 2453242
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.186 min
Delta R.T.: -0.006 min
Response: 2411933
Conc: 21.47 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.105 min
Delta R.T.: -0.011 min
Response: 2353422
Conc: 21.84 ug/ml