

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071923AL\
 Data File : FG012458.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 08:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 04:33:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.881	3377499	21.615 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	12.320	2506888	21.630 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T n-Nonane (C9)	2.734	2660028	21.384 ug/ml
2) T n-Decane (C10)	3.741	2725684	21.438 ug/ml
3) T A~Naphthalene (C11.7)	5.305	3019879	21.818 ug/ml
4) T n-Dodecane (C12)	5.729	2761521	21.465 ug/ml
5) T A~2-methylnaphthalene...	6.354	2861849	21.917 ug/ml
6) T n-Tetradecane (C14)	7.522	2768185	21.676 ug/ml
7) T n-Hexadecane (C16)	9.123	2923792	21.929 ug/ml
8) T n-Octadecane (C18)	10.565	3016231	21.720 ug/ml
10) T n-Eicosane (C20)	11.874	2933478	21.698 ug/ml
11) T n-Heneicosane (C21)	12.487	2862684	21.578 ug/ml
13) T n-Docosane (C22)	13.074	2864108	21.725 ug/ml
14) T n-Tetracosane (C24)	14.178	2983345	21.241 ug/ml
15) T n-Hexacosane (C26)	15.200	2779070	22.015 ug/ml
16) T n-Octacosane (C28)	16.151	2749465	21.871 ug/ml
17) T n-Tricontane (C30)	17.040	2835516	21.458 ug/ml
18) T n-Dotriacontane (C32)	17.872	2818460	21.182 ug/ml
19) T n-Tetratriacontane (C34)	18.656	2716451	21.201 ug/ml
20) T n-Hexatriacontane (C36)	19.398	2585772	20.925 ug/ml
21) T n-Octatriacontane (C38)	20.132	2528999	21.174 ug/ml
22) T n-Tetracontane (C40)	21.037	2462662	21.253 ug/ml

(f)=RT Delta > 1/2 Window

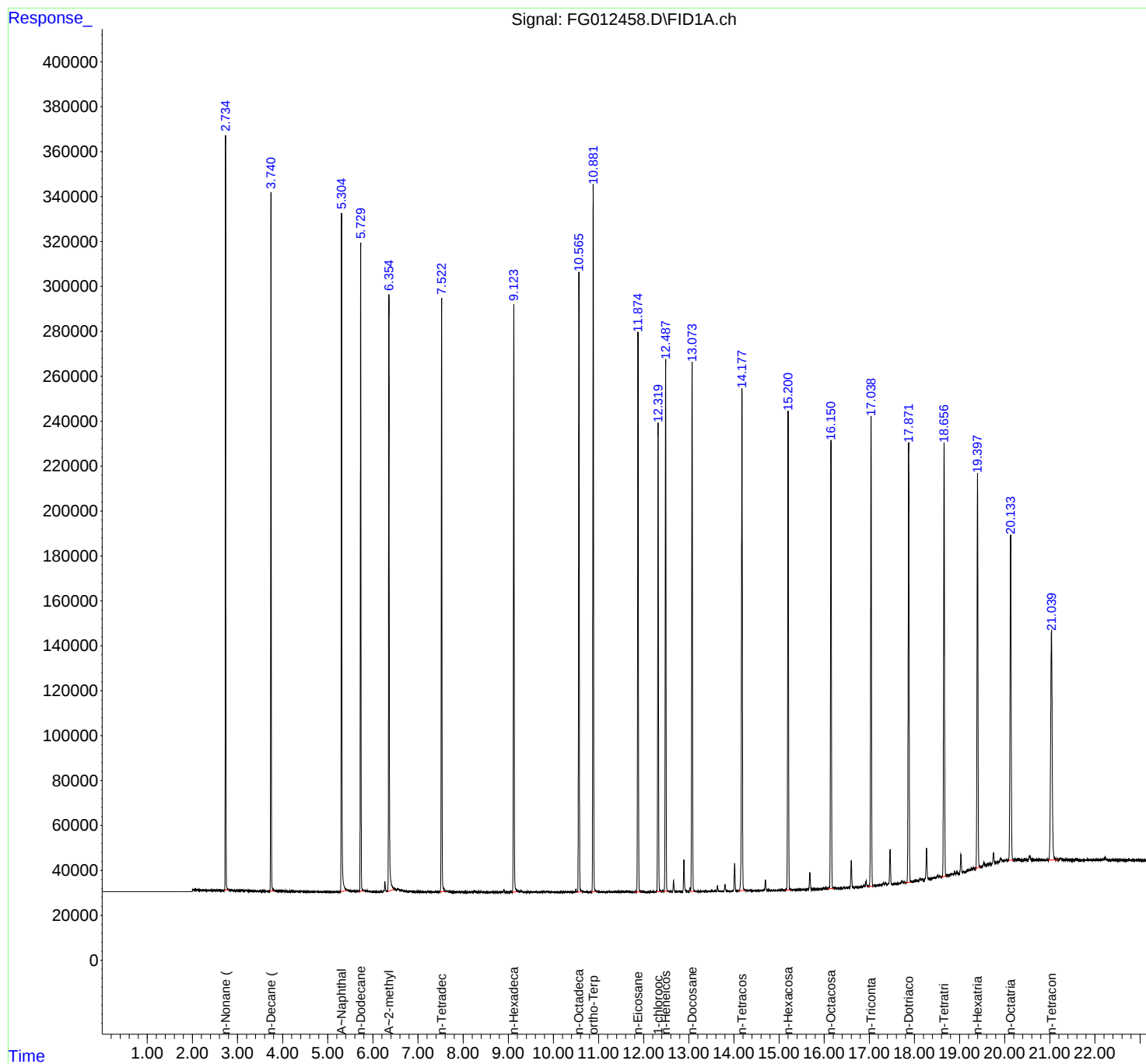
(m)=manual int.

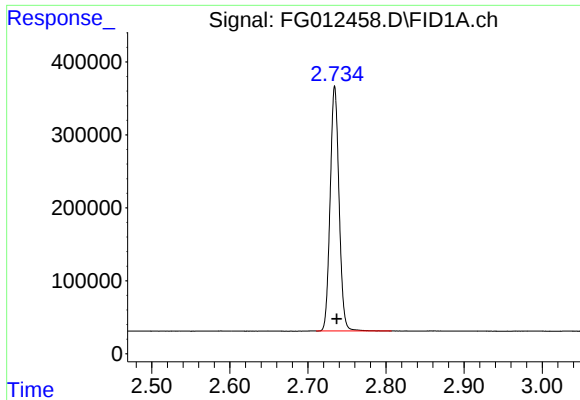
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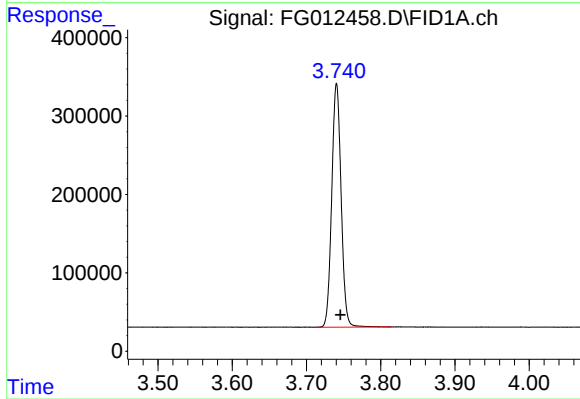




#1 n-Nonane (C9)

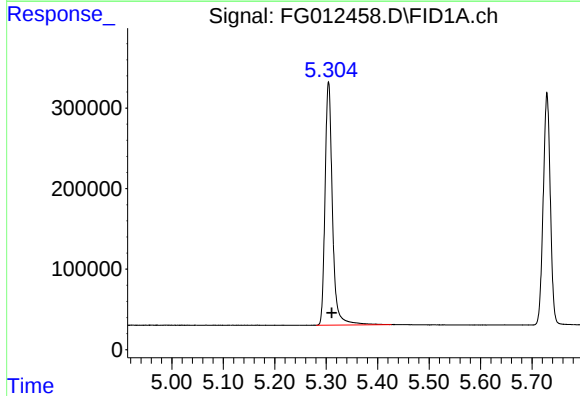
R.T.: 2.734 min
Delta R.T.: -0.003 min
Response: 2660028
Conc: 21.38 ug/ml

Instrument :
FID_G
ClientSampleId :



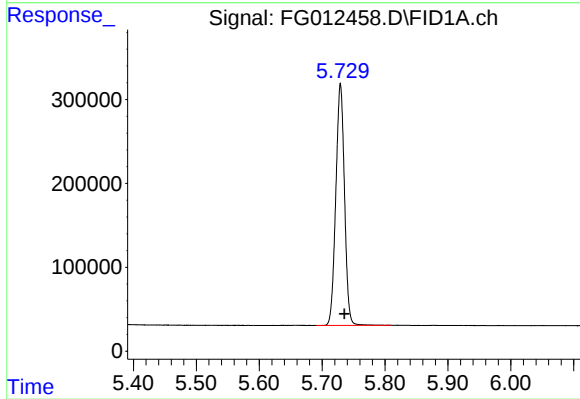
#2 n-Decane (C10)

R.T.: 3.741 min
Delta R.T.: -0.005 min
Response: 2725684
Conc: 21.44 ug/ml



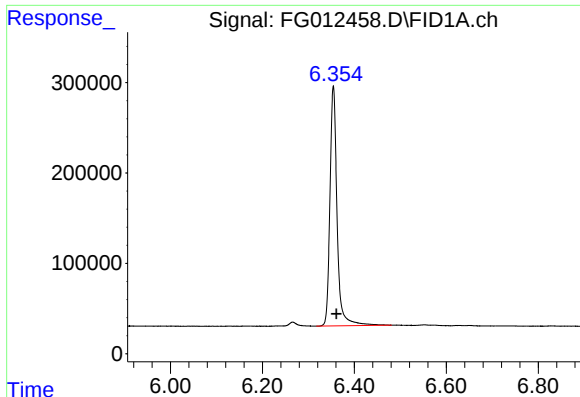
#3 A~Naphthalene (C11.7)

R.T.: 5.305 min
Delta R.T.: -0.006 min
Response: 3019879
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

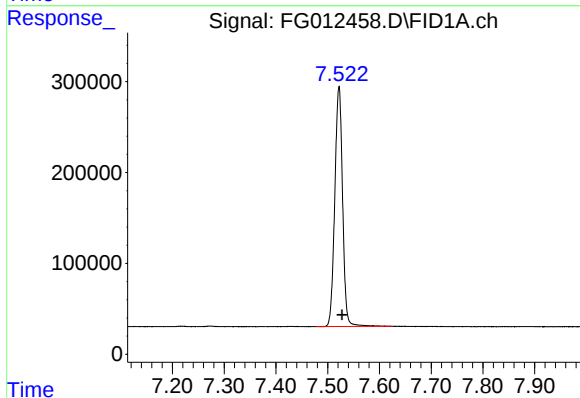
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 2761521
Conc: 21.46 ug/ml



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

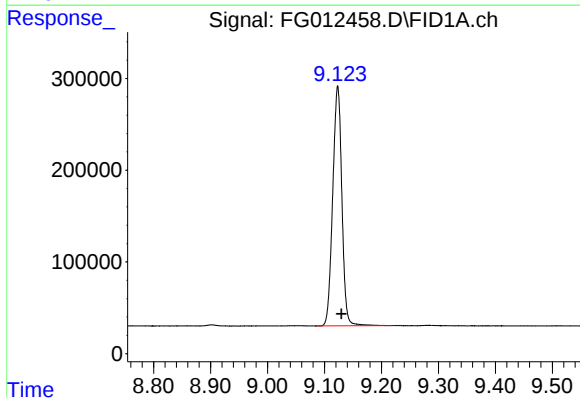
R.T.: 6.354 min
Delta R.T.: -0.006 min
Response: 2861849
Conc: 21.92 ug/ml

Instrument :
FID_G
ClientSampleId :



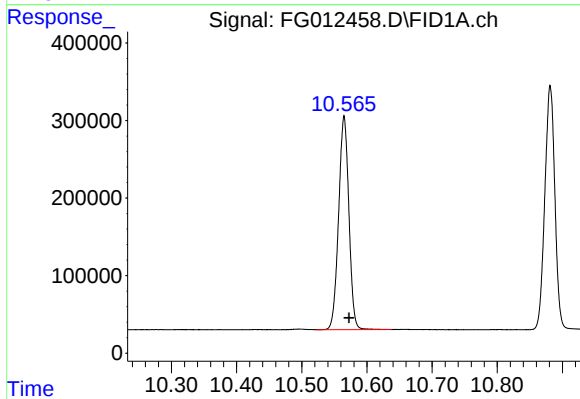
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: -0.006 min
Response: 2768185
Conc: 21.68 ug/ml



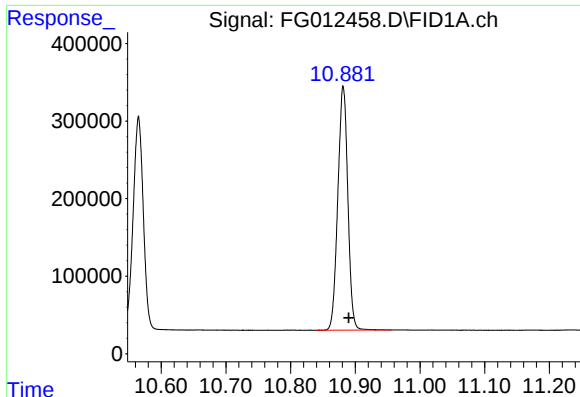
#7 n-Hexadecane (C16)

R.T.: 9.123 min
Delta R.T.: -0.007 min
Response: 2923792
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

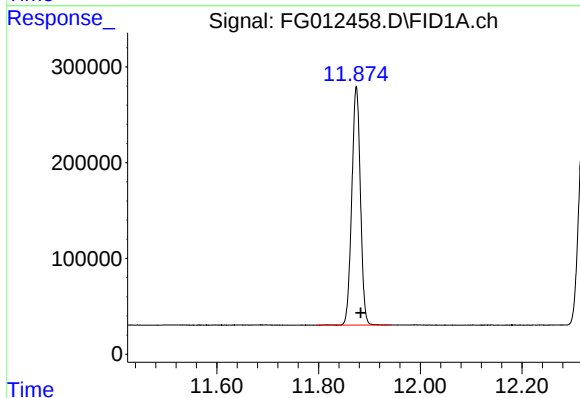
R.T.: 10.565 min
Delta R.T.: -0.008 min
Response: 3016231
Conc: 21.72 ug/ml



#9 ortho-Terphenyl (SURR)

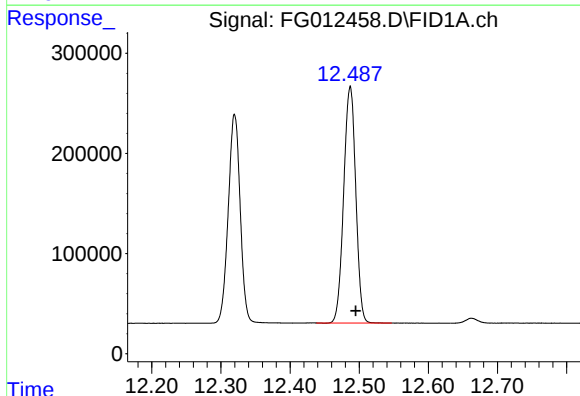
R.T.: 10.881 min
Delta R.T.: -0.008 min
Response: 3377499
Conc: 21.61 ug/ml

Instrument :
FID_G
ClientSampleId :



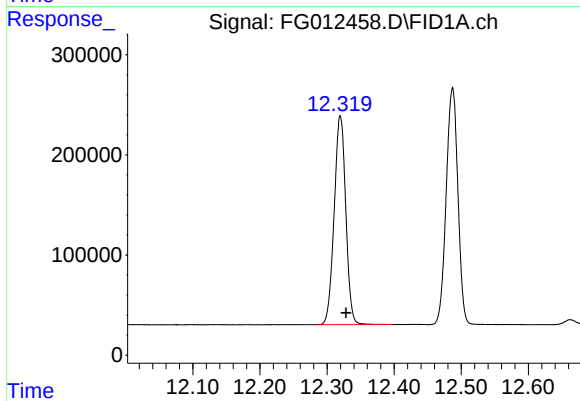
#10 n-Eicosane (C20)

R.T.: 11.874 min
Delta R.T.: -0.009 min
Response: 2933478
Conc: 21.70 ug/ml



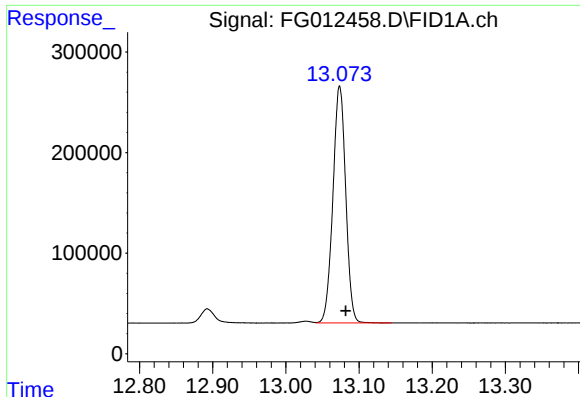
#11 n-Heneicosane (C21)

R.T.: 12.487 min
Delta R.T.: -0.008 min
Response: 2862684
Conc: 21.58 ug/ml



#12 1-chlorooctadecane (SURR)

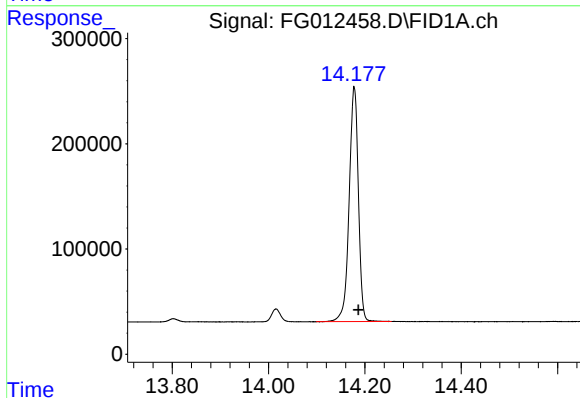
R.T.: 12.320 min
Delta R.T.: -0.009 min
Response: 2506888
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

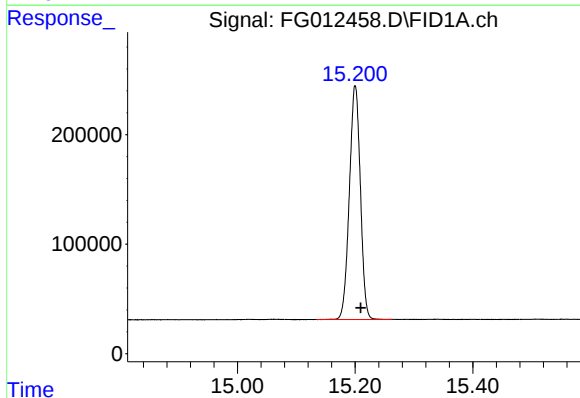
R.T.: 13.074 min
Delta R.T.: -0.008 min
Response: 2864108
Conc: 21.73 ug/ml

Instrument :
FID_G
ClientSampleId :



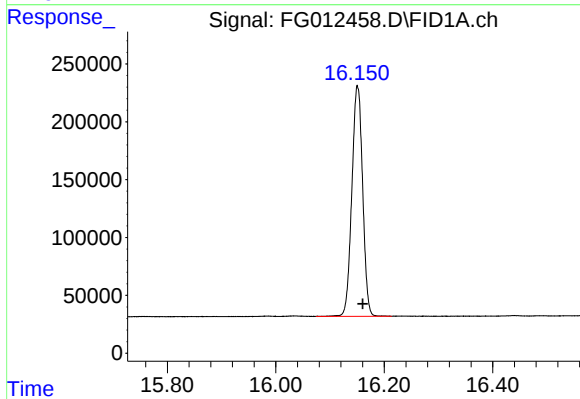
#14 n-Tetracosane (C24)

R.T.: 14.178 min
Delta R.T.: -0.009 min
Response: 2983345
Conc: 21.24 ug/ml



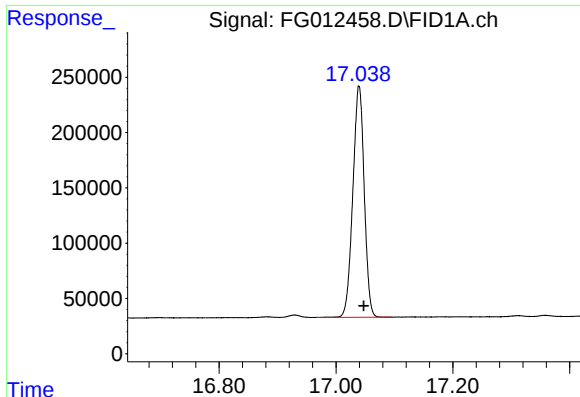
#15 n-Hexacosane (C26)

R.T.: 15.200 min
Delta R.T.: -0.009 min
Response: 2779070
Conc: 22.02 ug/ml



#16 n-Octacosane (C28)

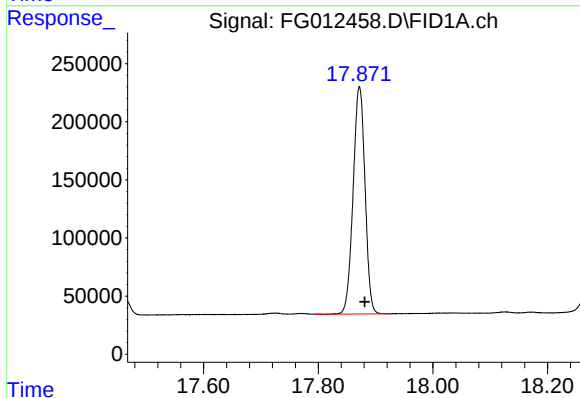
R.T.: 16.151 min
Delta R.T.: -0.010 min
Response: 2749465
Conc: 21.87 ug/ml



#17 n-Tricontane (C30)

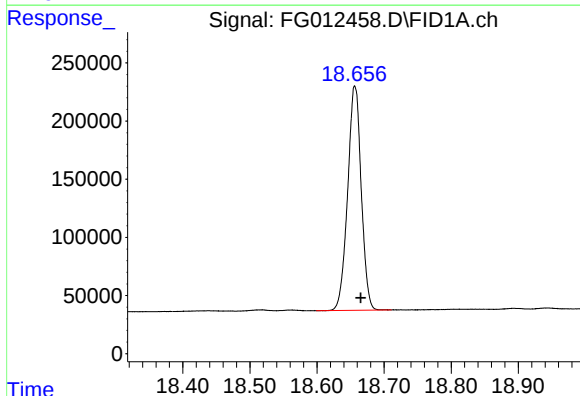
R.T.: 17.040 min
Delta R.T.: -0.008 min
Response: 2835516
Conc: 21.46 ug/ml

Instrument :
FID_G
ClientSampleId :



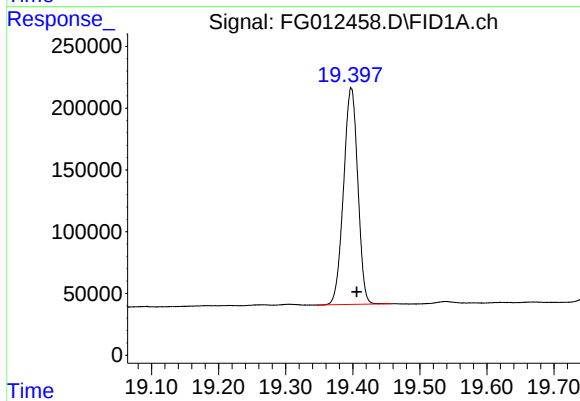
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 2818460
Conc: 21.18 ug/ml



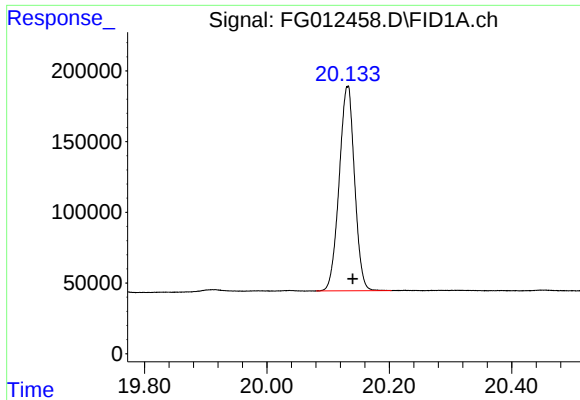
#19 n-Tetratriacontane (C34)

R.T.: 18.656 min
Delta R.T.: -0.009 min
Response: 2716451
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

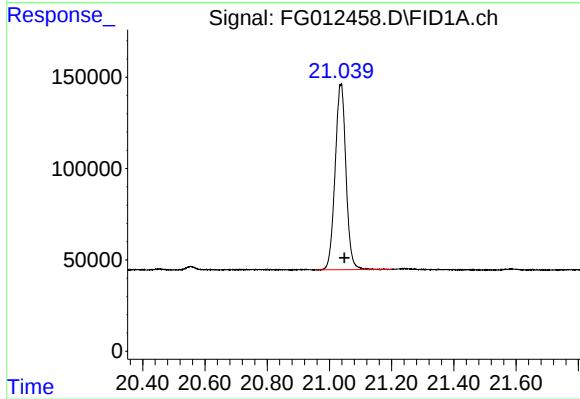
R.T.: 19.398 min
Delta R.T.: -0.008 min
Response: 2585772
Conc: 20.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.132 min
Delta R.T.: -0.008 min
Response: 2528999
Conc: 21.17 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.037 min
Delta R.T.: -0.010 min
Response: 2462662
Conc: 21.25 ug/ml