

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052423AL\
 Data File : FG011988.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2023 10:29
 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 03:37:11 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	3325406	21.246 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
12) S 1-chlorooctadecane (S...	12.359	2551062	21.513 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
Target Compounds			
1) T n-Nonane (C9)	2.758	2411654	20.946 ug/ml
2) T n-Decane (C10)	3.768	2468761	20.929 ug/ml
3) T A~Naphthalene (C11.7)	5.335	2709073	20.668 ug/ml
4) T n-Dodecane (C12)	5.760	2499805	20.842 ug/ml
5) T A~2-methylnaphthalene...	6.385	2572532	20.379 ug/ml
6) T n-Tetradecane (C14)	7.554	2524089	20.786 ug/ml
7) T n-Hexadecane (C16)	9.157	2718078	20.935 ug/ml
8) T n-Octadecane (C18)	10.601	2881595	21.170 ug/ml
10) T n-Eicosane (C20)	11.913	2889284	21.410 ug/ml
11) T n-Heneicosane (C21)	12.526	2884791	21.463 ug/ml
13) T n-Docosane (C22)	13.113	2957535	21.887 ug/ml
14) T n-Tetracosane (C24)	14.219	2977396	21.877 ug/ml
15) T n-Hexacosane (C26)	15.241	2962356	22.144 ug/ml
16) T n-Octacosane (C28)	16.193	2898839	22.204 ug/ml
17) T n-Tricontane (C30)	17.083	2958863	22.434 ug/ml
18) T n-Dotriacontane (C32)	17.918	2888118	22.481 ug/ml
19) T n-Tetratriacontane (C34)	18.703	2671064	21.800 ug/ml
20) T n-Hexatriacontane (C36)	19.444	2442169	20.993 ug/ml
21) T n-Octatriacontane (C38)	20.185	2383006	21.209 ug/ml
22) T n-Tetracontane (C40)	21.105	2305053	21.394 ug/ml

(f)=RT Delta > 1/2 Window

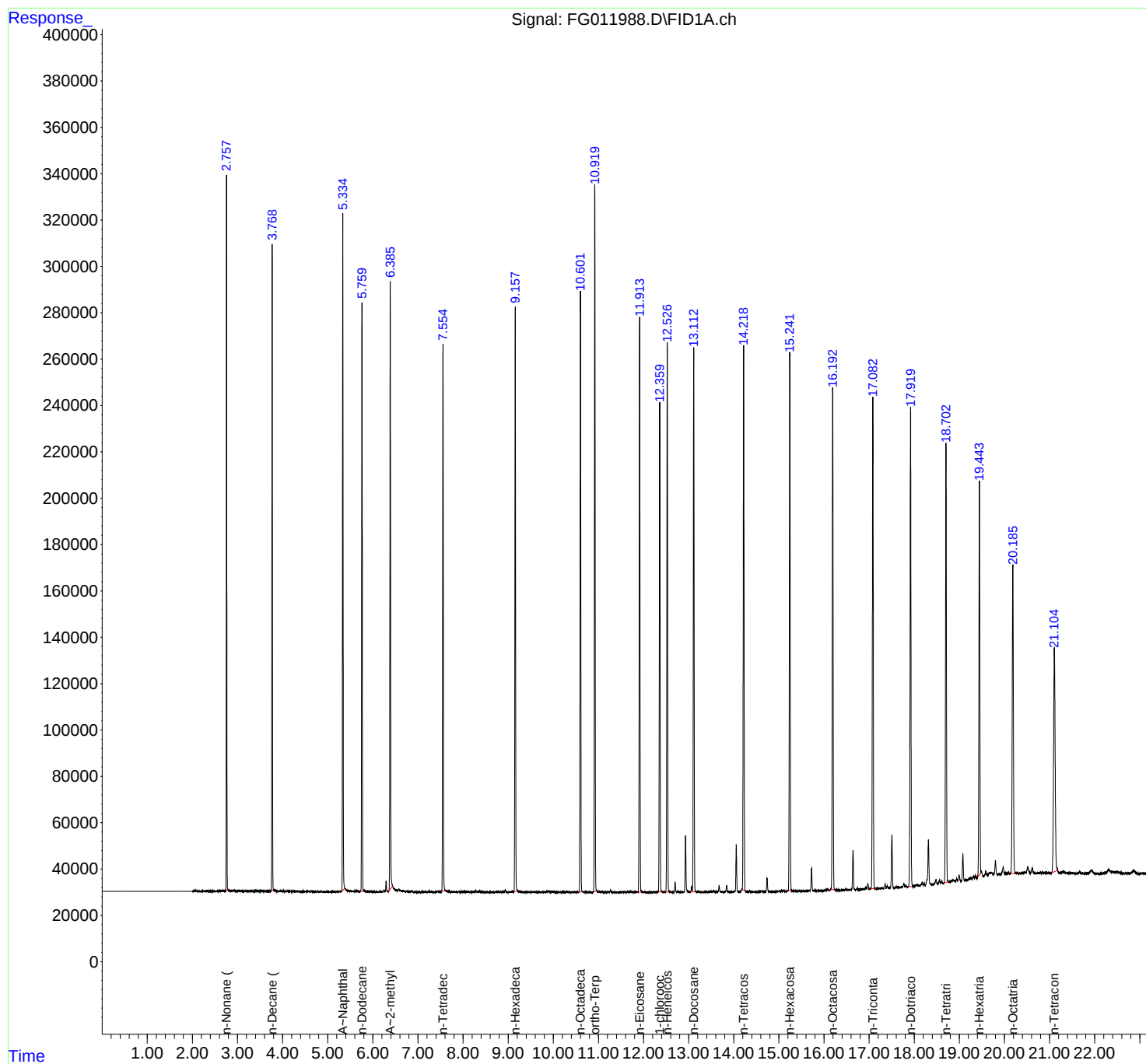
(m)=manual int.

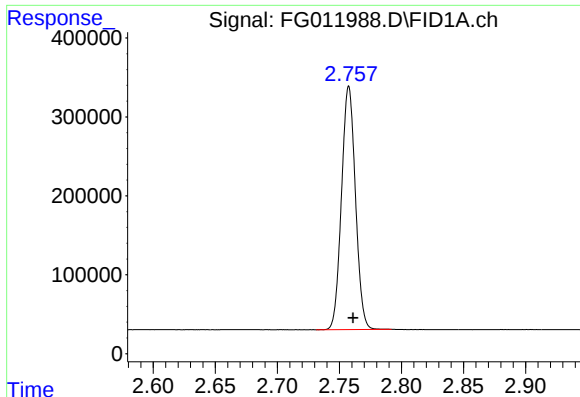
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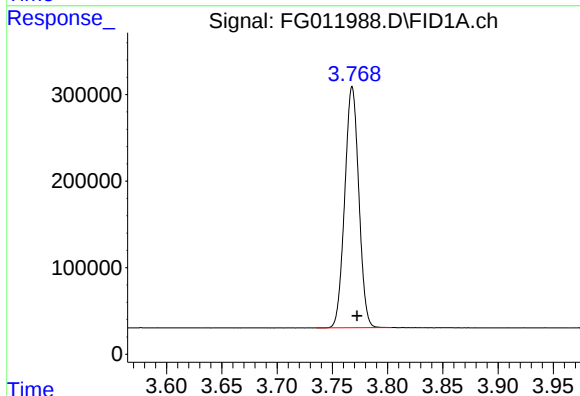




#1 n-Nonane (C9)

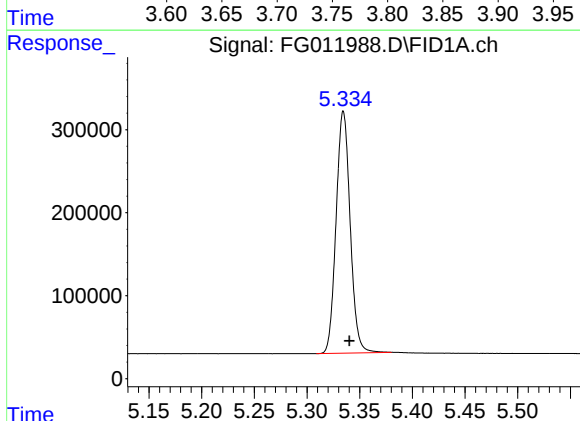
R.T.: 2.758 min
Delta R.T.: -0.003 min
Response: 2411654
Conc: 20.95 ug/ml

Instrument :
FID_G
ClientSampleId :



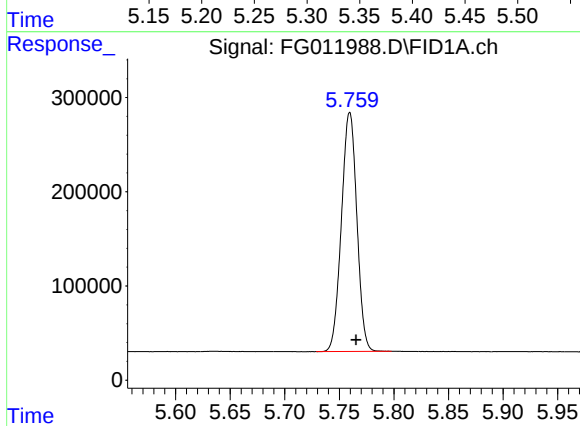
#2 n-Decane (C10)

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 2468761
Conc: 20.93 ug/ml



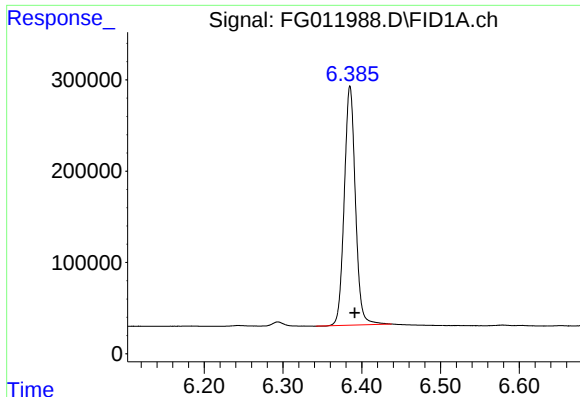
#3 A~Naphthalene (C11.7)

R.T.: 5.335 min
Delta R.T.: -0.006 min
Response: 2709073
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

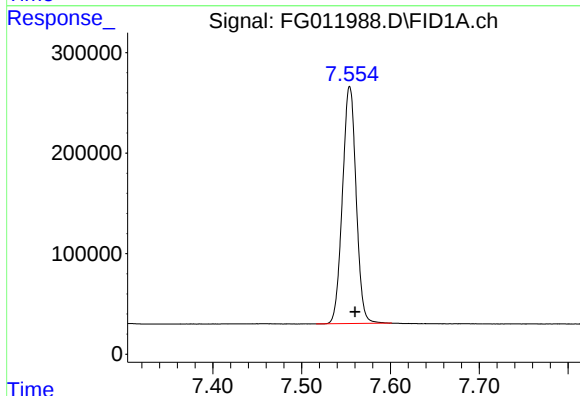
R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 2499805
Conc: 20.84 ug/ml



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

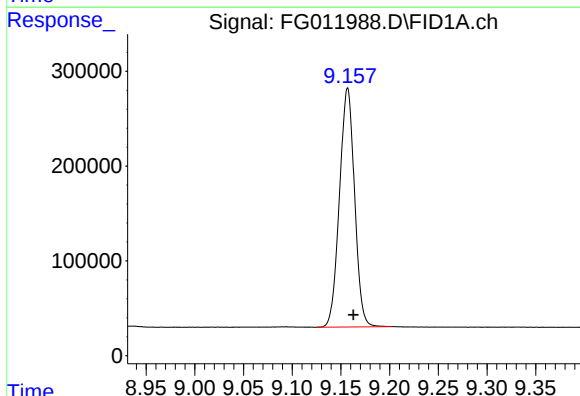
R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 2572532
Conc: 20.38 ug/ml

Instrument :
FID_G
ClientSampleId :



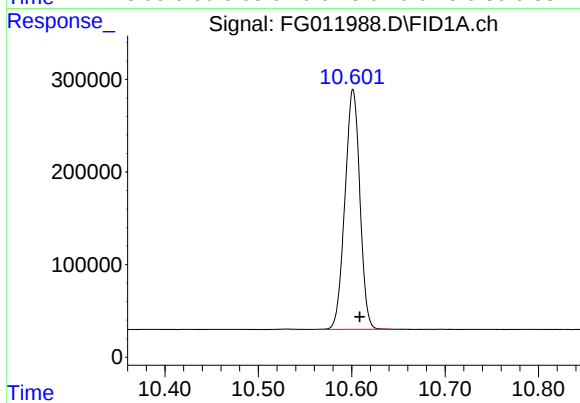
#6 n-Tetradecane (C14)

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 2524089
Conc: 20.79 ug/ml



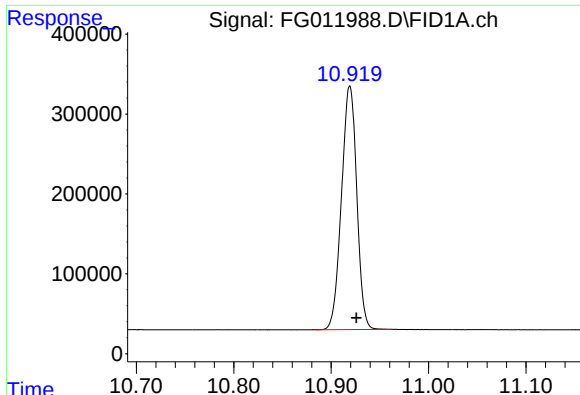
#7 n-Hexadecane (C16)

R.T.: 9.157 min
Delta R.T.: -0.006 min
Response: 2718078
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

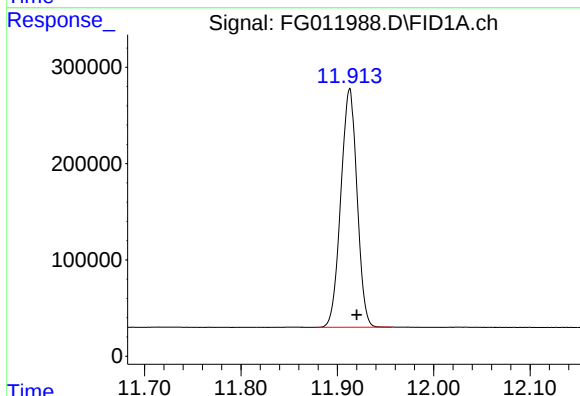
R.T.: 10.601 min
Delta R.T.: -0.007 min
Response: 2881595
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

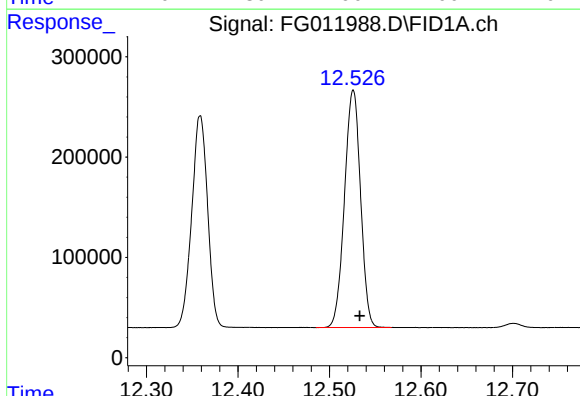
R.T.: 10.919 min
Delta R.T.: -0.007 min
Response: 3325406
Conc: 21.25 ug/ml

Instrument :
FID_G
ClientSampleId :



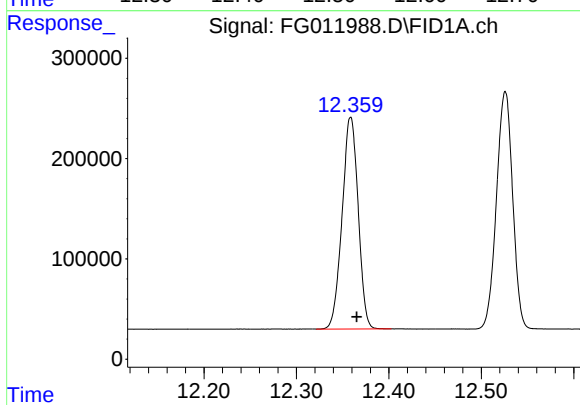
#10 n-Eicosane (C20)

R.T.: 11.913 min
Delta R.T.: -0.007 min
Response: 2889284
Conc: 21.41 ug/ml



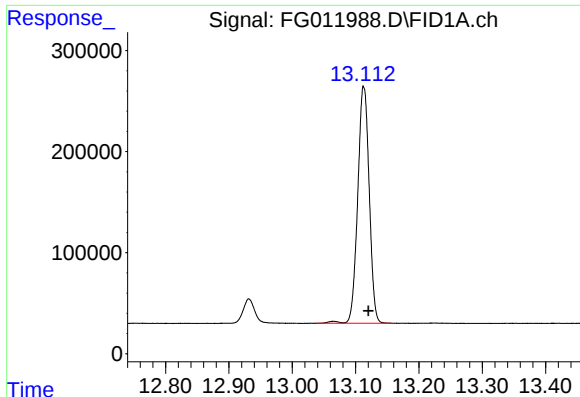
#11 n-Heneicosane (C21)

R.T.: 12.526 min
Delta R.T.: -0.007 min
Response: 2884791
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

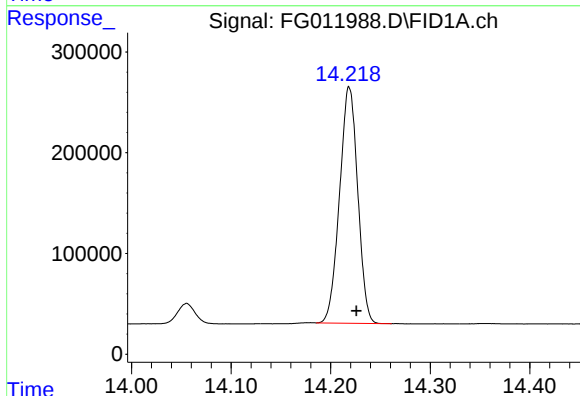
R.T.: 12.359 min
Delta R.T.: -0.007 min
Response: 2551062
Conc: 21.51 ug/ml



#13 n-Docosane (C22)

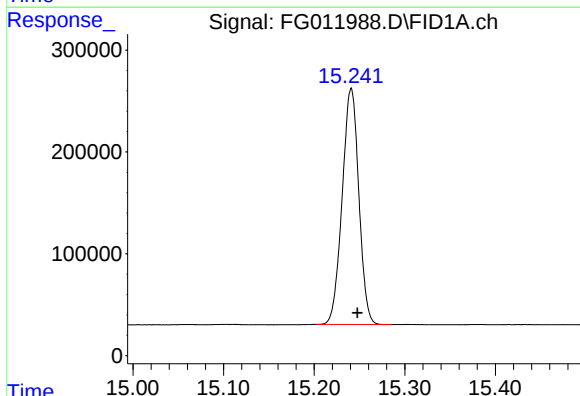
R.T.: 13.113 min
Delta R.T.: -0.007 min
Response: 2957535
Conc: 21.89 ug/ml

Instrument :
FID_G
ClientSampleId :



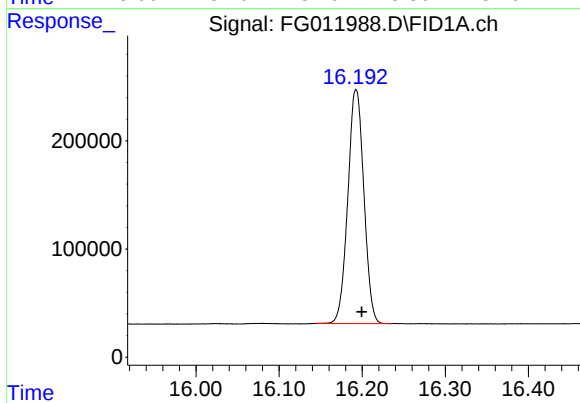
#14 n-Tetracosane (C24)

R.T.: 14.219 min
Delta R.T.: -0.007 min
Response: 2977396
Conc: 21.88 ug/ml



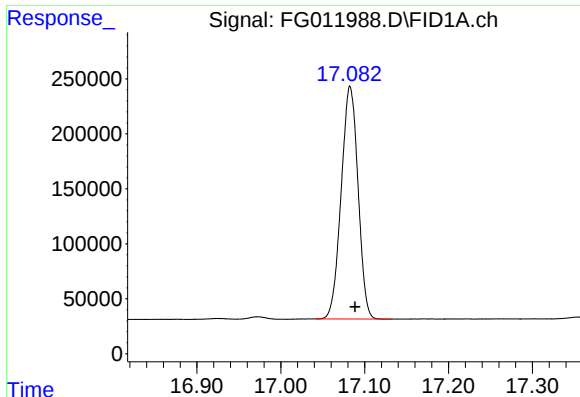
#15 n-Hexacosane (C26)

R.T.: 15.241 min
Delta R.T.: -0.007 min
Response: 2962356
Conc: 22.14 ug/ml



#16 n-Octacosane (C28)

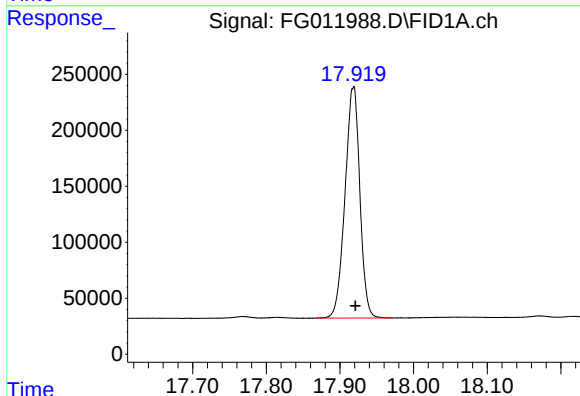
R.T.: 16.193 min
Delta R.T.: -0.007 min
Response: 2898839
Conc: 22.20 ug/ml



#17 n-Tricontane (C30)

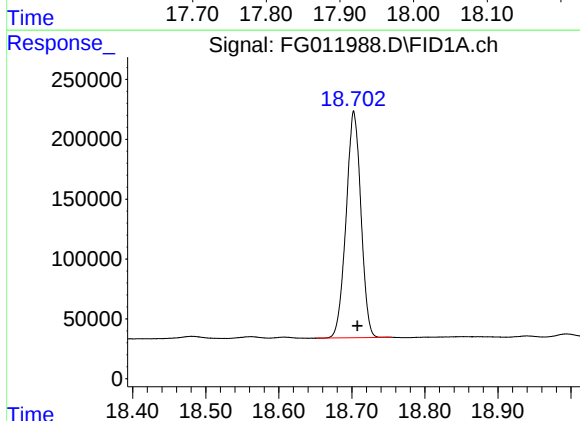
R.T.: 17.083 min
Delta R.T.: -0.006 min
Response: 2958863
Conc: 22.43 ug/ml

Instrument :
FID_G
ClientSampleId :



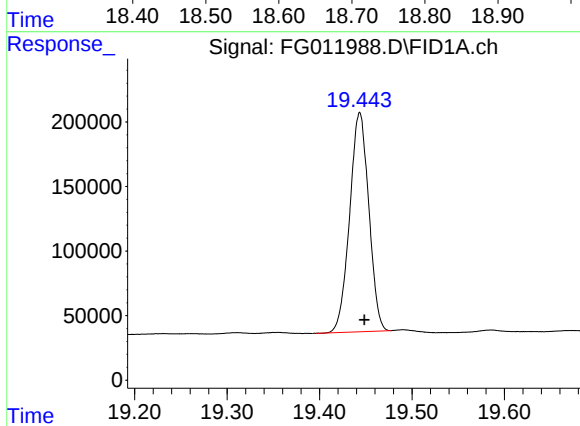
#18 n-Dotriacontane (C32)

R.T.: 17.918 min
Delta R.T.: -0.003 min
Response: 2888118
Conc: 22.48 ug/ml



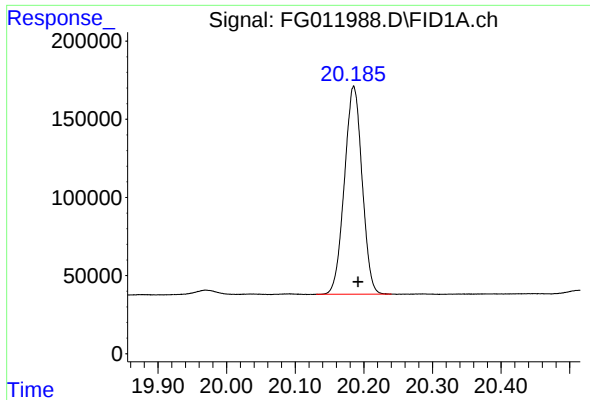
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min
Delta R.T.: -0.005 min
Response: 2671064
Conc: 21.80 ug/ml



#20 n-Hexatriacontane (C36)

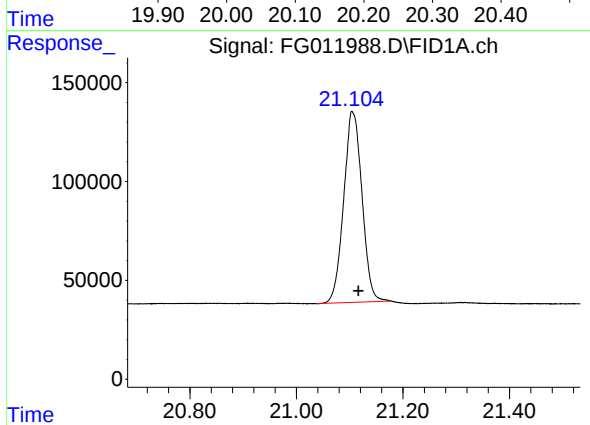
R.T.: 19.444 min
Delta R.T.: -0.005 min
Response: 2442169
Conc: 20.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.185 min
Delta R.T.: -0.006 min
Response: 2383006
Conc: 21.21 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.105 min
Delta R.T.: -0.012 min
Response: 2305053
Conc: 21.39 ug/ml