

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071923AL\
 Data File : FG012484.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 00:55
 Operator : YP\AJ
 Sample : 03659-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 04:50:04 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)	10.884	5276219	33.766 ug/ml
Spiked Amount 50.000		Recovery =	67.53%
12) S 1-chlorooctadecane (S...	12.327	35940808	310.099 ug/ml
Spiked Amount 50.000		Recovery =	620.20%
Target Compounds			
4) T n-Dodecane (C12)	5.729	26180	0.203 ug/ml
5) T A~2-methylnaphthalene...	6.361	38493	0.295 ug/ml
6) T n-Tetradecane (C14)	7.521	268530	2.103 ug/ml
7) T n-Hexadecane (C16)	9.122	684772	5.136 ug/ml
8) T n-Octadecane (C18)	10.564	963416	6.937 ug/ml
10) T n-Eicosane (C20)	11.875	776761	5.745 ug/ml
11) T n-Heneicosane (C21)	12.489	531286	4.005 ug/ml
13) T n-Docosane (C22)	13.074	462998	3.512 ug/ml
14) T n-Tetracosane (C24)	14.173	781354	5.563 ug/ml
15) T n-Hexacosane (C26)	15.199	176505	1.398 ug/ml
16) T n-Octacosane (C28)	16.151	212116	1.687 ug/ml
17) T n-Tricontane (C30)	17.038	192300	1.455 ug/ml
18) T n-Dotriacontane (C32)	17.872	257336	1.934 ug/ml
19) T n-Tetratriacontane (C34)	18.656	228170	1.781 ug/ml
20) T n-Hexatriacontane (C36)	19.398	125368	1.015 ug/ml
21) T n-Octatriacontane (C38)	20.131	128498	1.076 ug/ml
22) T n-Tetracontane (C40)	21.036	152982	1.320 ug/ml

(f)=RT Delta > 1/2 Window

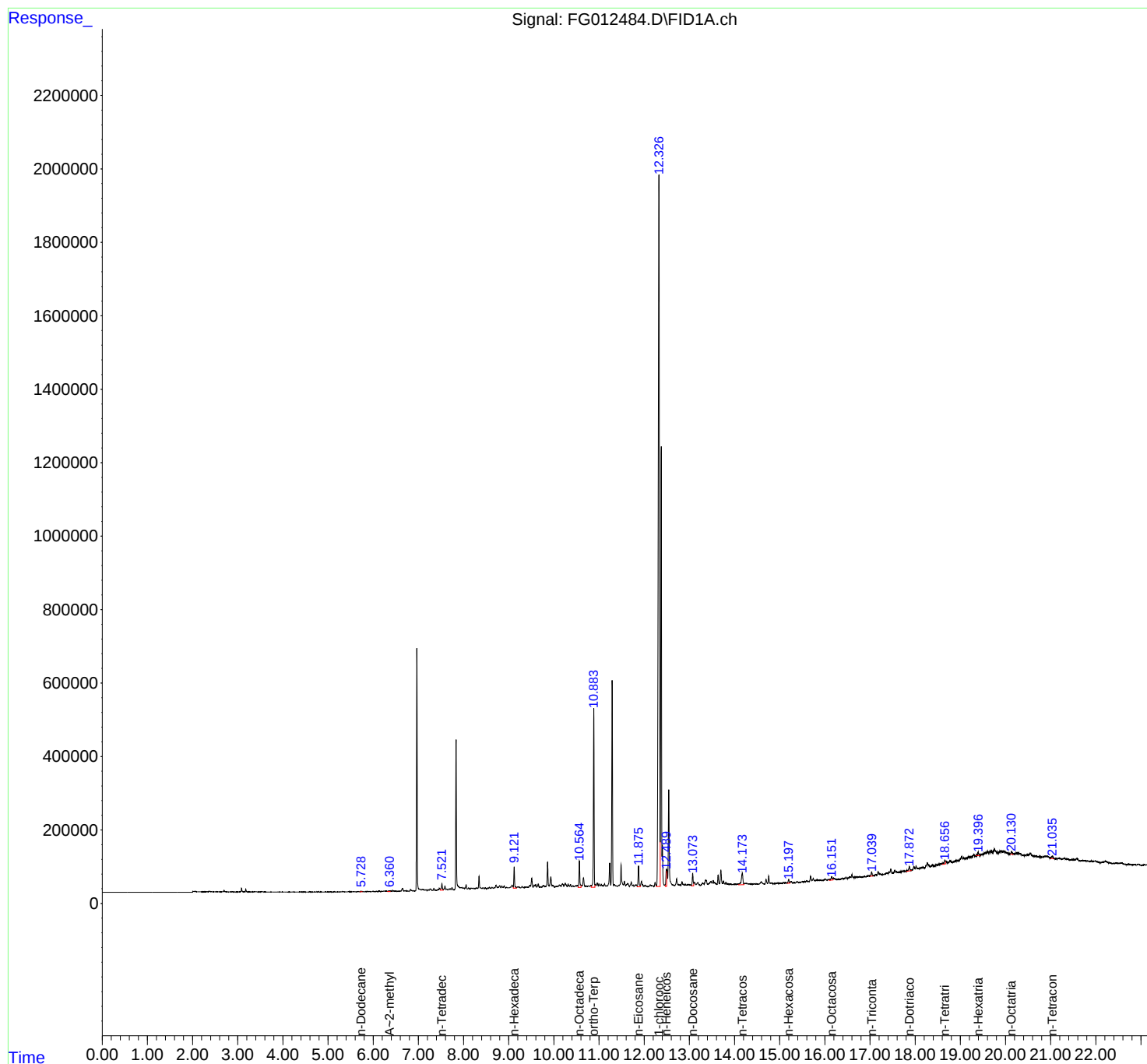
(m)=manual int.

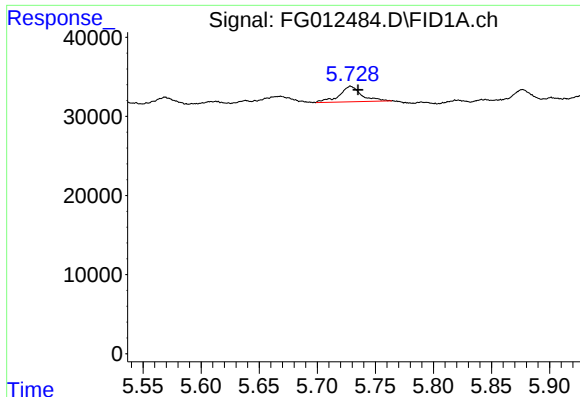
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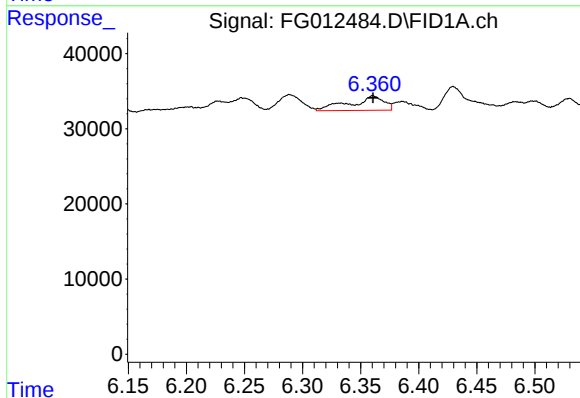




#4 n-Dodecane (C12)

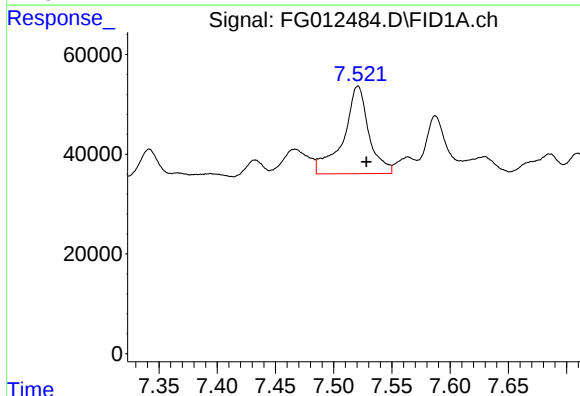
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 26180
Conc: 0.20 ug/ml

Instrument :
FID_G
ClientSampleId :



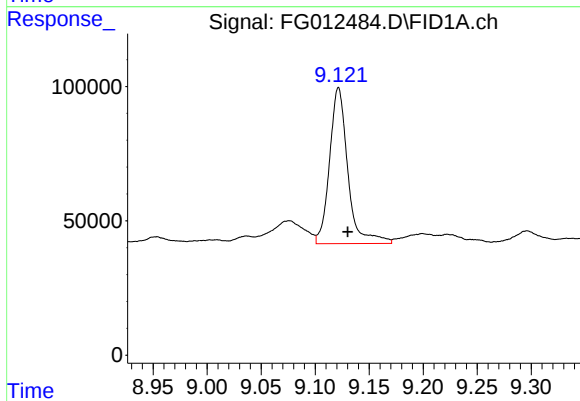
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 38493
Conc: 0.29 ug/ml



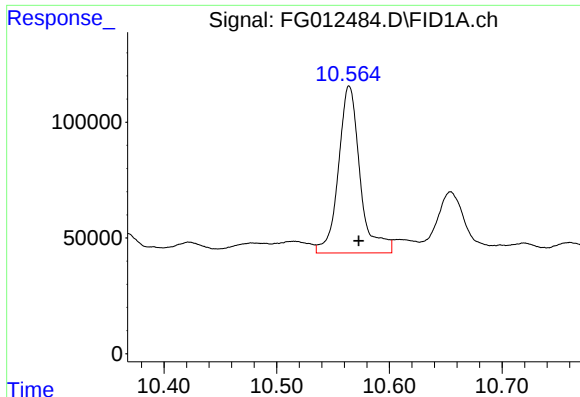
#6 n-Tetradecane (C14)

R.T.: 7.521 min
Delta R.T.: -0.007 min
Response: 268530
Conc: 2.10 ug/ml



#7 n-Hexadecane (C16)

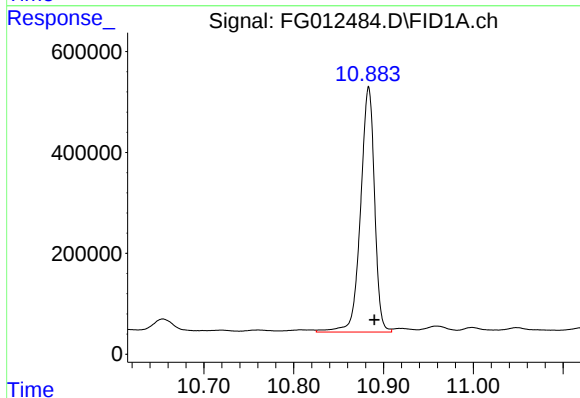
R.T.: 9.122 min
Delta R.T.: -0.009 min
Response: 684772
Conc: 5.14 ug/ml



#8 n-Octadecane (C18)

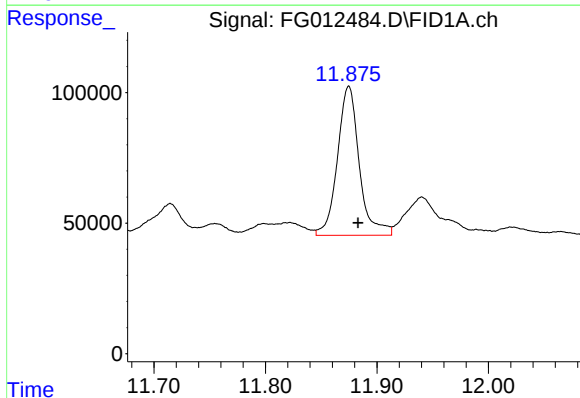
R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 963416
Conc: 6.94 ug/ml

Instrument :
FID_G
ClientSampleId :



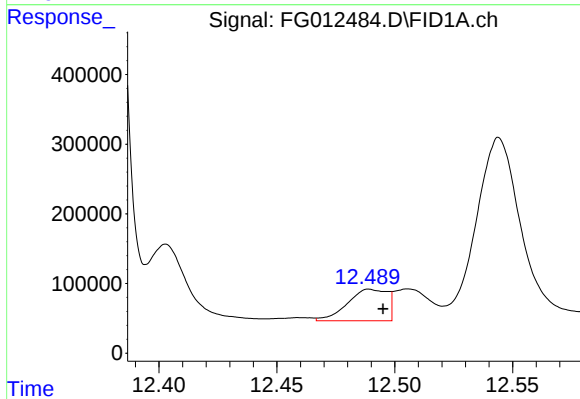
#9 ortho-Terphenyl (SURRE)

R.T.: 10.884 min
Delta R.T.: -0.006 min
Response: 5276219
Conc: 33.77 ug/ml



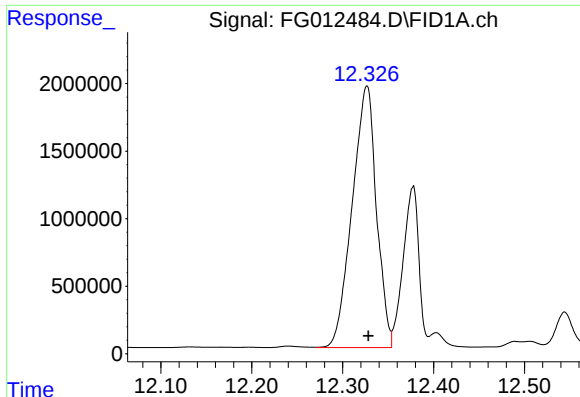
#10 n-Eicosane (C20)

R.T.: 11.875 min
Delta R.T.: -0.008 min
Response: 776761
Conc: 5.75 ug/ml



#11 n-Heneicosane (C21)

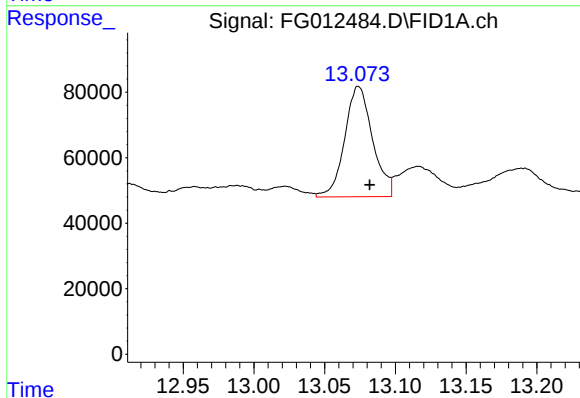
R.T.: 12.489 min
Delta R.T.: -0.006 min
Response: 531286
Conc: 4.00 ug/ml



#12 1-chlorooctadecane (SURR)

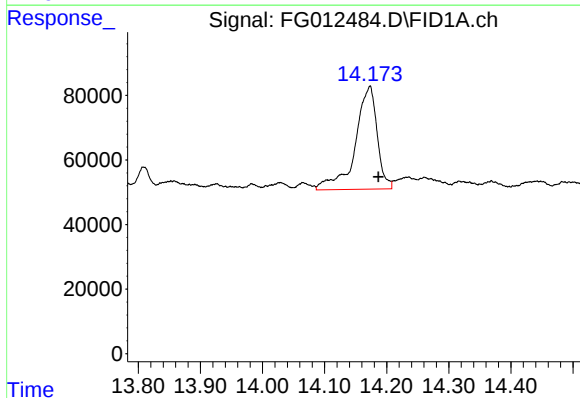
R.T.: 12.327 min
Delta R.T.: -0.002 min
Response: 35940808
Conc: 310.10 ug/ml

Instrument :
FID_G
ClientSampleId :



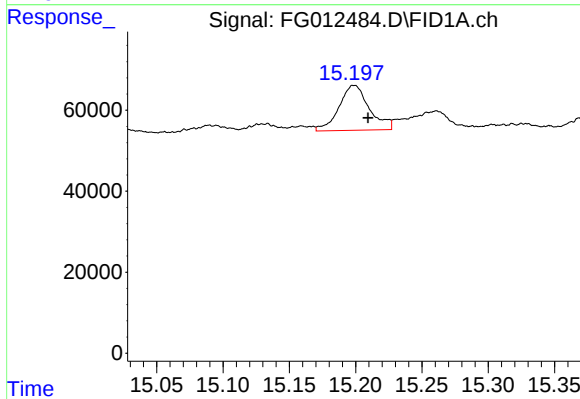
#13 n-Docosane (C22)

R.T.: 13.074 min
Delta R.T.: -0.008 min
Response: 462998
Conc: 3.51 ug/ml



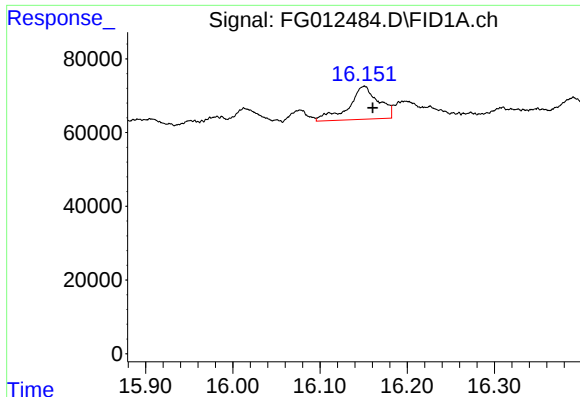
#14 n-Tetracosane (C24)

R.T.: 14.173 min
Delta R.T.: -0.014 min
Response: 781354
Conc: 5.56 ug/ml



#15 n-Hexacosane (C26)

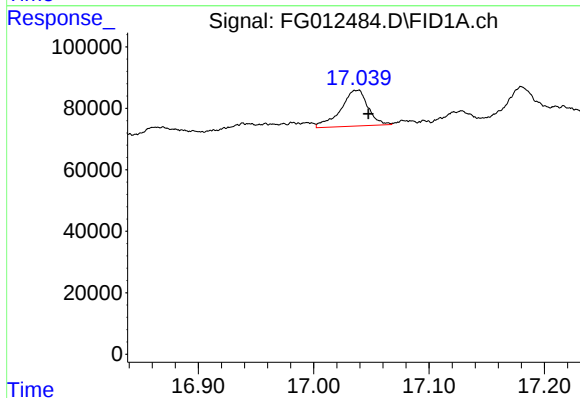
R.T.: 15.199 min
Delta R.T.: -0.011 min
Response: 176505
Conc: 1.40 ug/ml



#16 n-Octacosane (C28)

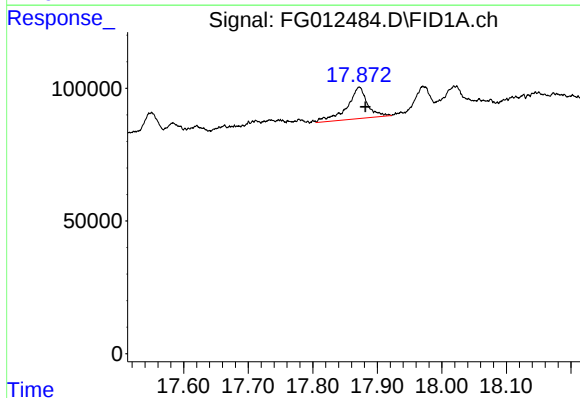
R.T.: 16.151 min
Delta R.T.: -0.009 min
Response: 212116
Conc: 1.69 ug/ml

Instrument :
FID_G
ClientSampleId :



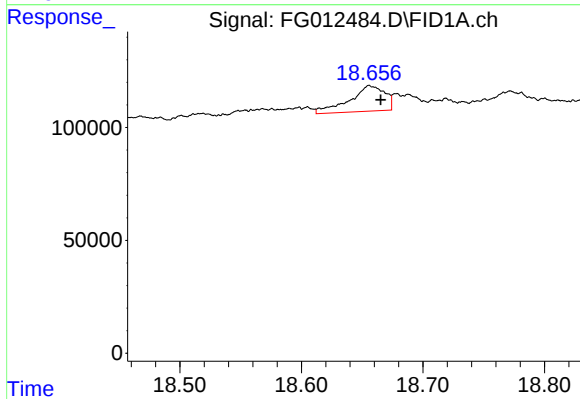
#17 n-Tricontane (C30)

R.T.: 17.038 min
Delta R.T.: -0.009 min
Response: 192300
Conc: 1.46 ug/ml



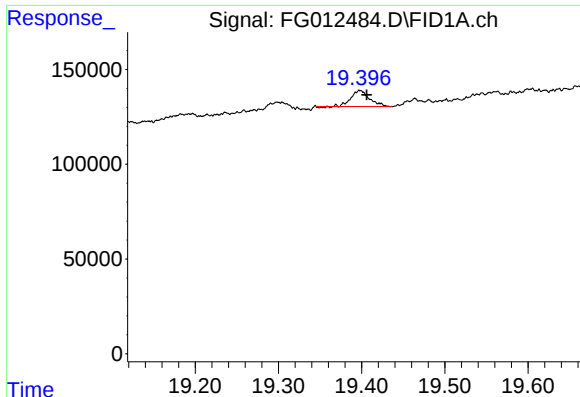
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 257336
Conc: 1.93 ug/ml



#19 n-Tetratriacontane (C34)

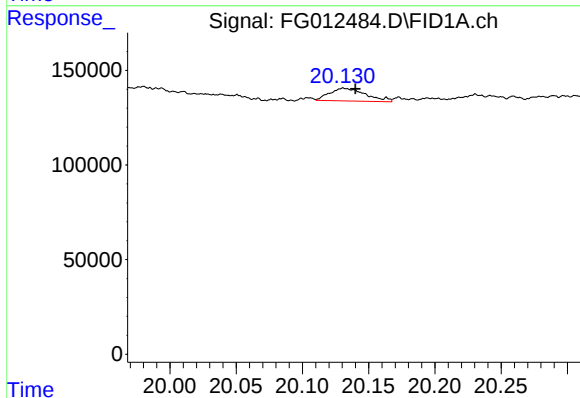
R.T.: 18.656 min
Delta R.T.: -0.009 min
Response: 228170
Conc: 1.78 ug/ml



#20 n-Hexatriacontane (C36)

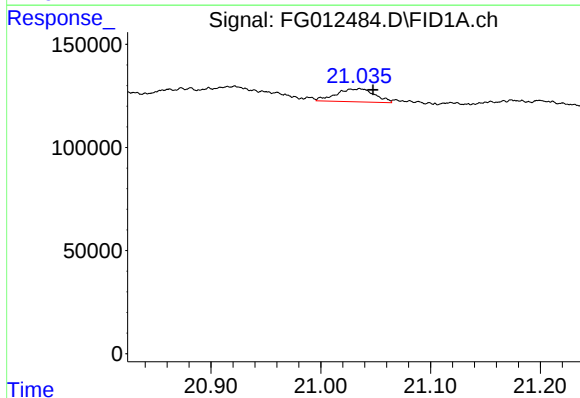
R.T.: 19.398 min
Delta R.T.: -0.008 min
Response: 125368
Conc: 1.01 ug/ml

Instrument :
FID_G
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.131 min
Delta R.T.: -0.009 min
Response: 128498
Conc: 1.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: -0.012 min
Response: 152982
Conc: 1.32 ug/ml