

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012389.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 18:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 01:13:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:13:27 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)	10.901	14945212	94.638 ug/ml
Spiked Amount 50.000		Recovery =	189.28%
12) S 1-chlorooctadecane (S...	12.336	11151594	94.828 ug/ml
Spiked Amount 50.000		Recovery =	189.66%
Target Compounds			
1) T n-Nonane (C9)	2.740	11948485	94.912 ug/ml
2) T n-Decane (C10)	3.750	12238253	94.902 ug/ml
3) T A~Naphthalene (C11.7)	5.316	13590337	95.703 ug/ml
4) T n-Dodecane (C12)	5.741	12395418	94.974 ug/ml
5) T A~2-methylnaphthalene...	6.368	13140991	96.649 ug/ml
6) T n-Tetradecane (C14)	7.535	12440089	95.506 ug/ml
7) T n-Hexadecane (C16)	9.138	13021720	95.156 ug/ml
8) T n-Octadecane (C18)	10.582	13332078	94.620 ug/ml
10) T n-Eicosane (C20)	11.891	12898689	94.329 ug/ml
11) T n-Heneicosane (C21)	12.504	12669285	94.570 ug/ml
13) T n-Docosane (C22)	13.090	12551193	93.995 ug/ml
14) T n-Tetracosane (C24)	14.194	12447695	91.067 ug/ml
15) T n-Hexacosane (C26)	15.217	11896443	92.304 ug/ml
16) T n-Octacosane (C28)	16.167	11537651	91.180 ug/ml
17) T n-Tricontane (C30)	17.057	11672150	90.260 ug/ml
18) T n-Dotriacontane (C32)	17.890	11533942	90.085 ug/ml
19) T n-Tetratriacontane (C34)	18.674	11365695	91.623 ug/ml
20) T n-Hexatriacontane (C36)	19.414	11126622	92.047 ug/ml
21) T n-Octatriacontane (C38)	20.151	11120210	93.801 ug/ml
22) T n-Tetracontane (C40)	21.063	10947744	93.916 ug/ml

(f)=RT Delta > 1/2 Window

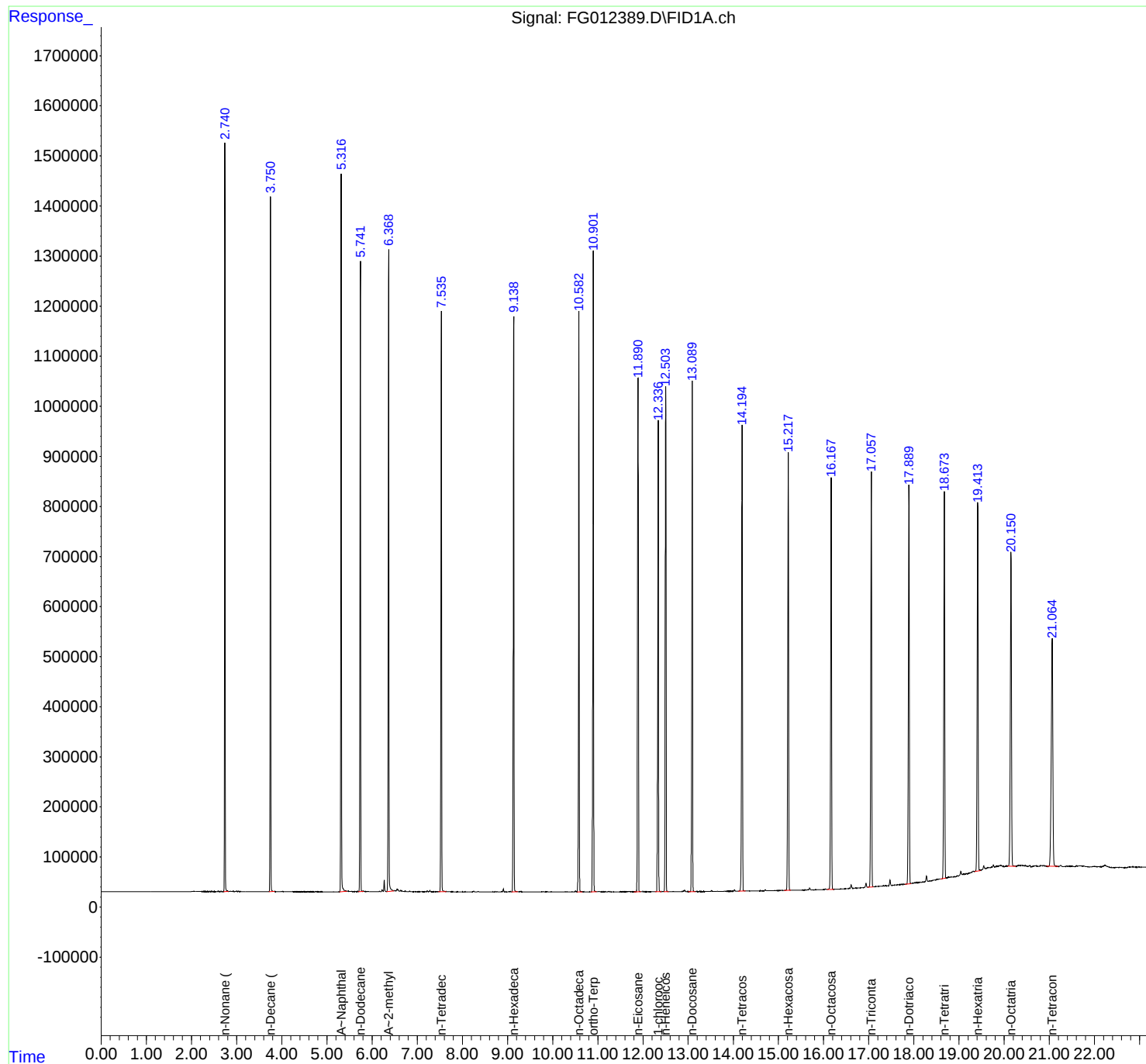
(m)=manual int.

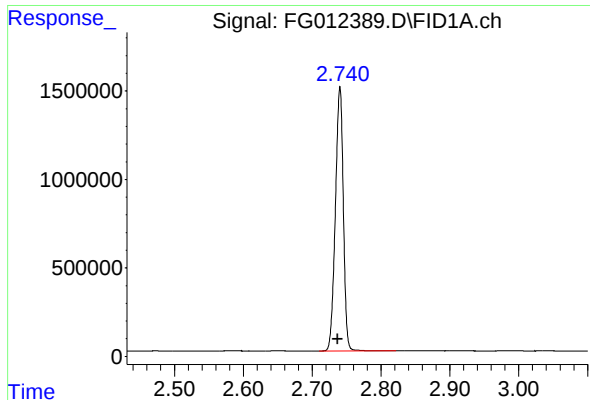
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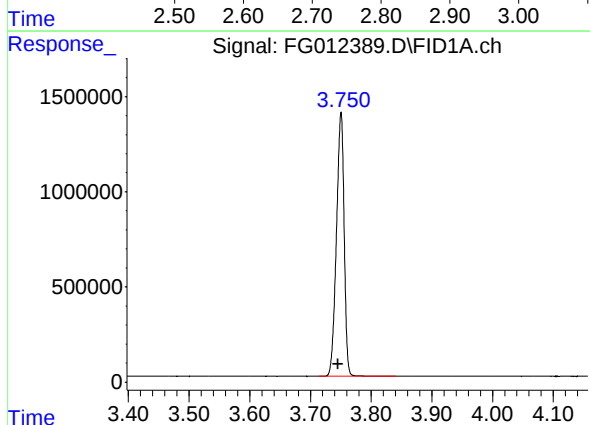




#1 n-Nonane (C9)

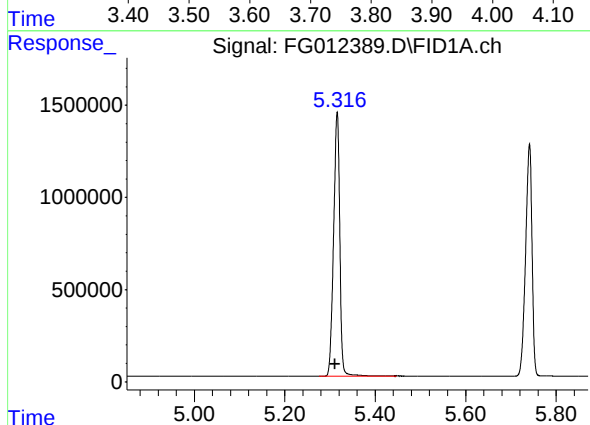
R.T.: 2.740 min
Delta R.T.: 0.003 min
Response: 11948485
Conc: 94.91 ug/ml

Instrument :
FID_G
ClientSampleId :



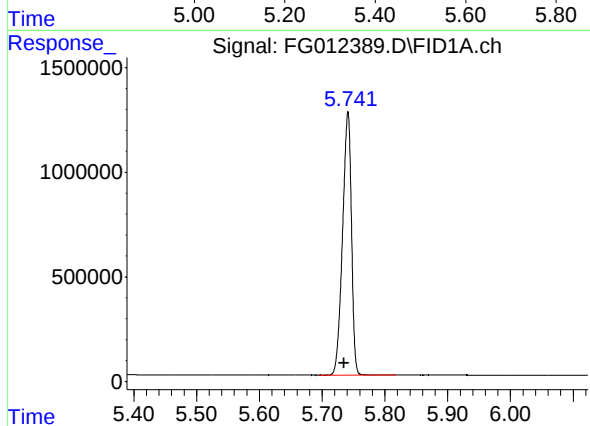
#2 n-Decane (C10)

R.T.: 3.750 min
Delta R.T.: 0.005 min
Response: 12238253
Conc: 94.90 ug/ml



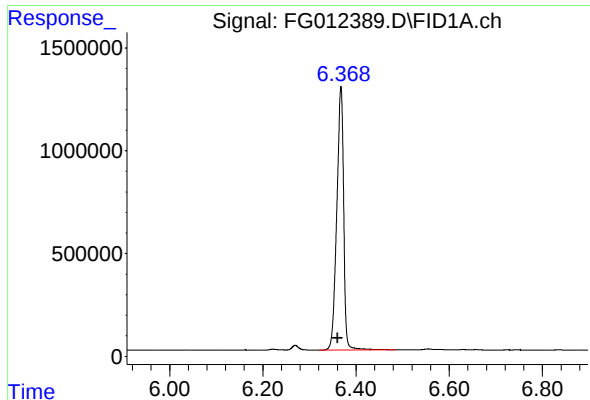
#3 A~Naphthalene (C11.7)

R.T.: 5.316 min
Delta R.T.: 0.005 min
Response: 13590337
Conc: 95.70 ug/ml



#4 n-Dodecane (C12)

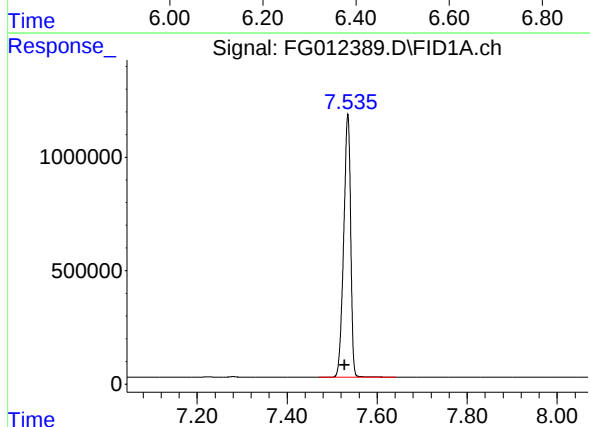
R.T.: 5.741 min
Delta R.T.: 0.006 min
Response: 12395418
Conc: 94.97 ug/ml



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

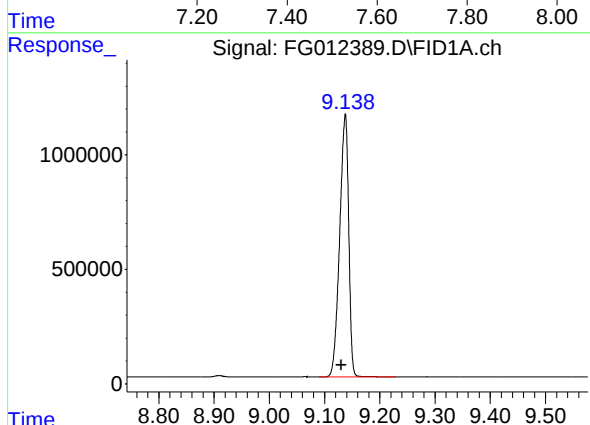
R.T.: 6.368 min
Delta R.T.: 0.007 min
Response: 13140991
Conc: 96.65 ug/ml

Instrument :
FID_G
ClientSampleId :



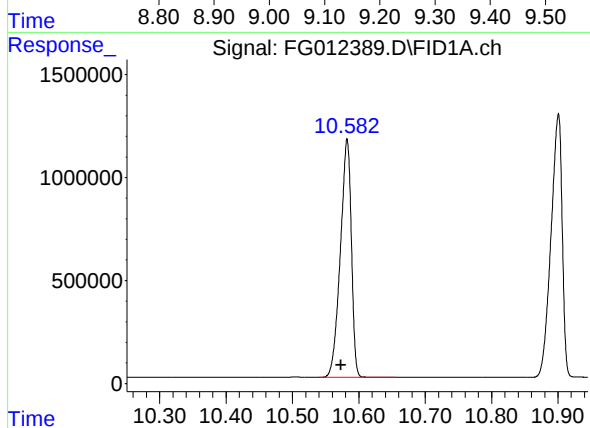
#6 n-Tetradecane (C14)

R.T.: 7.535 min
Delta R.T.: 0.007 min
Response: 12440089
Conc: 95.51 ug/ml



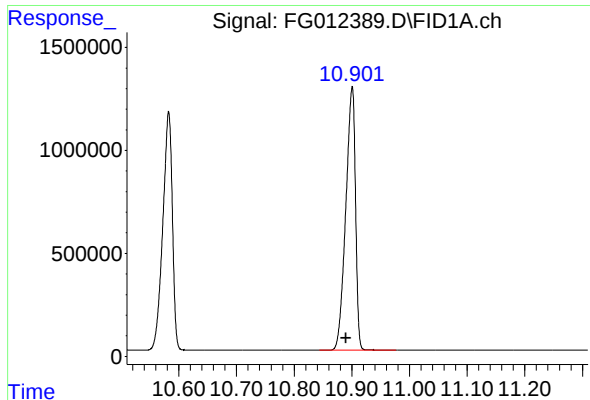
#7 n-Hexadecane (C16)

R.T.: 9.138 min
Delta R.T.: 0.007 min
Response: 13021720
Conc: 95.16 ug/ml



#8 n-Octadecane (C18)

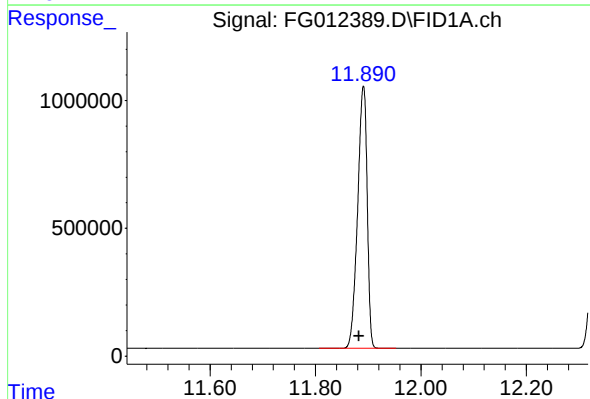
R.T.: 10.582 min
Delta R.T.: 0.010 min
Response: 13332078
Conc: 94.62 ug/ml



#9 ortho-Terphenyl (SURR)

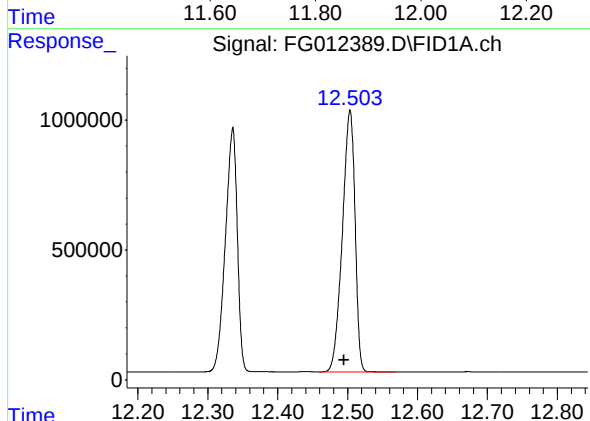
R.T.: 10.901 min
Delta R.T.: 0.011 min
Response: 14945212
Conc: 94.64 ug/ml

Instrument :
FID_G
ClientSampleId :



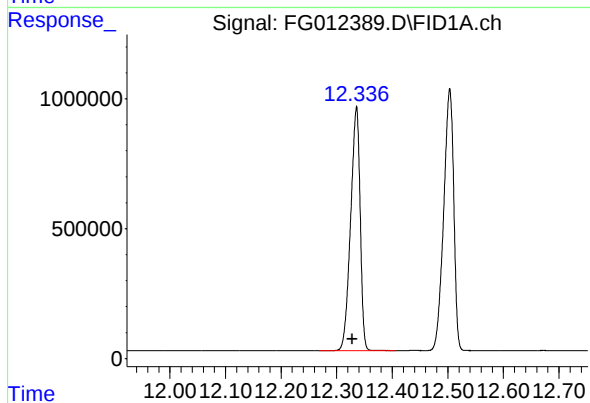
#10 n-Eicosane (C20)

R.T.: 11.891 min
Delta R.T.: 0.008 min
Response: 12898689
Conc: 94.33 ug/ml



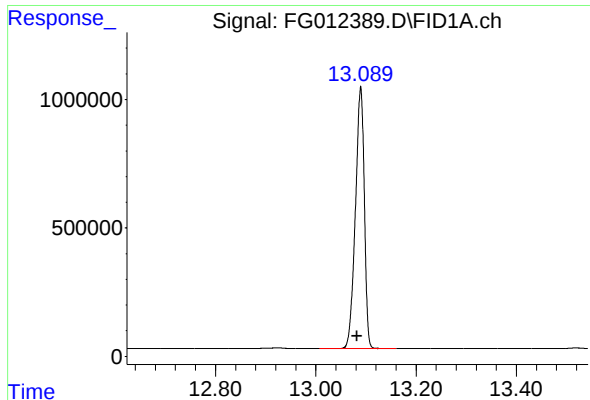
#11 n-Heneicosane (C21)

R.T.: 12.504 min
Delta R.T.: 0.009 min
Response: 12669285
Conc: 94.57 ug/ml



#12 1-chlorooctadecane (SURR)

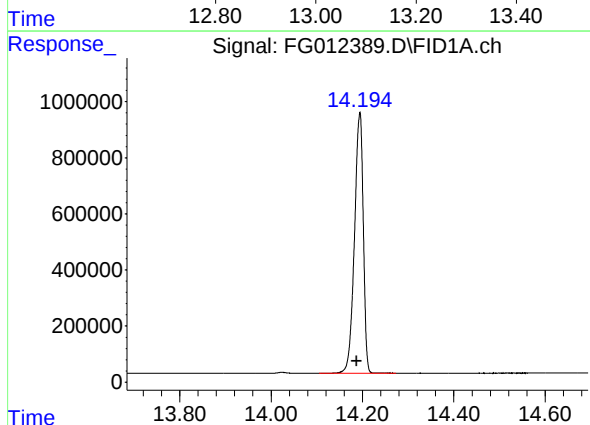
R.T.: 12.336 min
Delta R.T.: 0.007 min
Response: 11151594
Conc: 94.83 ug/ml



#13 n-Docosane (C22)

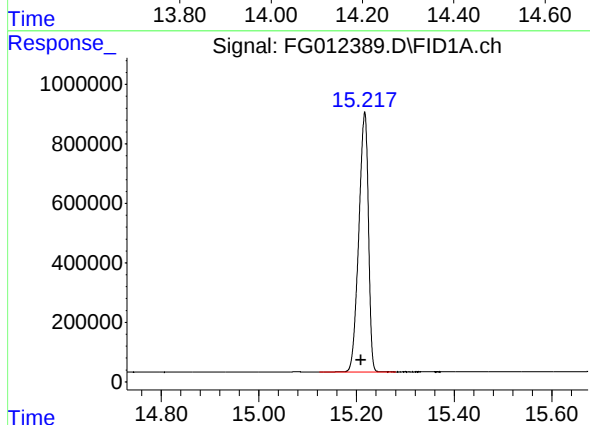
R.T.: 13.090 min
Delta R.T.: 0.008 min
Response: 12551193
Conc: 93.99 ug/ml

Instrument :
FID_G
ClientSampleId :



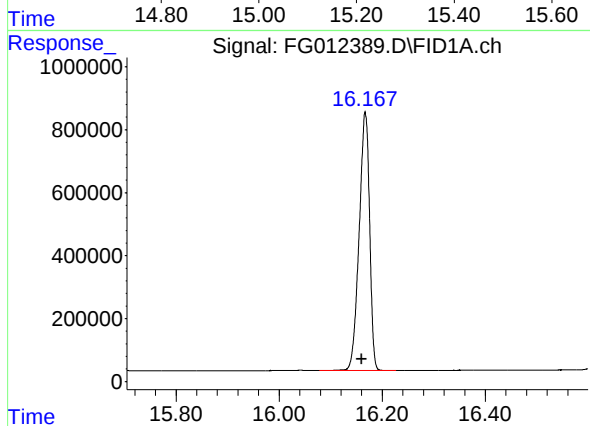
#14 n-Tetracosane (C24)

R.T.: 14.194 min
Delta R.T.: 0.008 min
Response: 12447695
Conc: 91.07 ug/ml



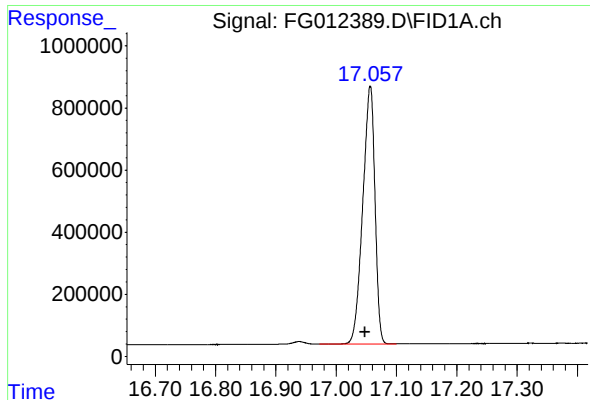
#15 n-Hexacosane (C26)

R.T.: 15.217 min
Delta R.T.: 0.008 min
Response: 11896443
Conc: 92.30 ug/ml



#16 n-Octacosane (C28)

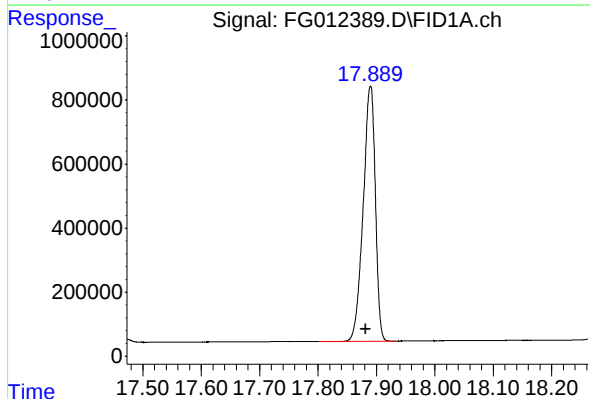
R.T.: 16.167 min
Delta R.T.: 0.007 min
Response: 11537651
Conc: 91.18 ug/ml



#17 n-Tricontane (C30)

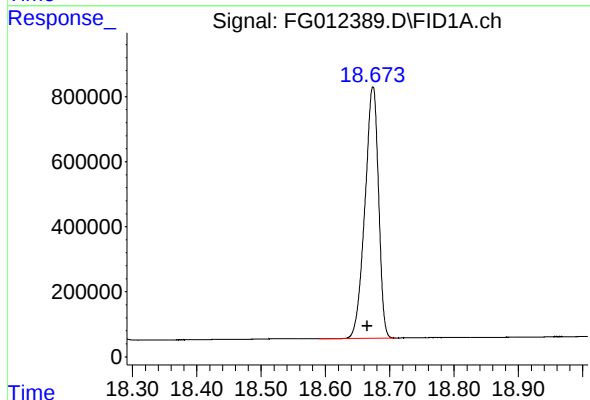
R.T.: 17.057 min
Delta R.T.: 0.009 min
Response: 11672150
Conc: 90.26 ug/ml

Instrument :
FID_G
ClientSampleId :



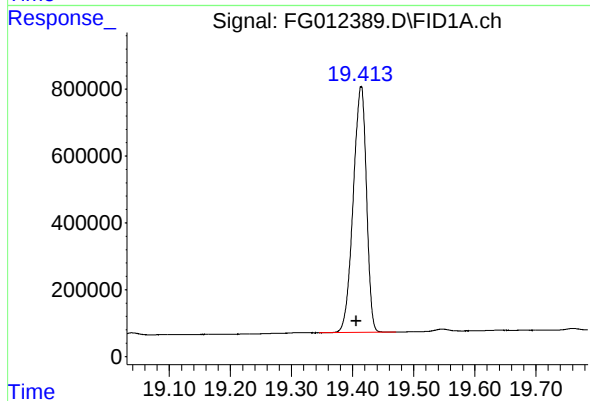
#18 n-Dotriacontane (C32)

R.T.: 17.890 min
Delta R.T.: 0.009 min
Response: 11533942
Conc: 90.08 ug/ml



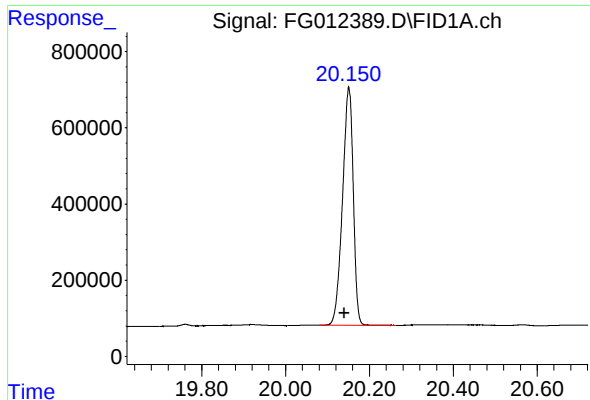
#19 n-Tetratriacontane (C34)

R.T.: 18.674 min
Delta R.T.: 0.009 min
Response: 11365695
Conc: 91.62 ug/ml



#20 n-Hexatriacontane (C36)

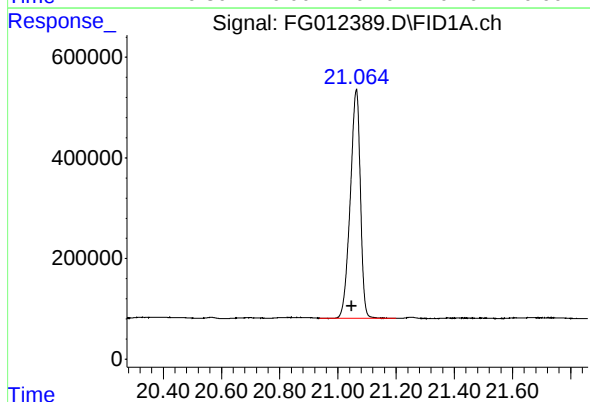
R.T.: 19.414 min
Delta R.T.: 0.008 min
Response: 11126622
Conc: 92.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.151 min
Delta R.T.: 0.011 min
Response: 11120210
Conc: 93.80 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.063 min
Delta R.T.: 0.015 min
Response: 10947744
Conc: 93.92 ug/ml