

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120318AL\
 Data File : FC037982.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2018 9:19
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 04 09:48:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.291	2490103	22.823 ug/ml
Spiked Amount 50.000		Recovery =	45.65%
12) S 1-chlorooctadecane (S...	12.734	1750095	20.412 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.123	1657814	20.212 ug/ml
2) T n-Decane (C10)	4.183	1751167	21.253 ug/ml
3) T A~Naphthalene (C11.7)	5.745	2215682	23.747 ug/ml
4) T n-Dodecane (C12)	6.189	1852699	21.804 ug/ml
5) T A~2-methylnaphthalene...	6.794	2226284	23.436 ug/ml
6) T n-Tetradecane (C14)	7.971	1925505	21.533 ug/ml
7) T n-Hexadecane (C16)	9.561	1971310	21.250 ug/ml
8) T n-Octadecane (C18)	10.993	1979271	20.147 ug/ml
10) T n-Eicosane (C20)	12.295	2003893	20.055 ug/ml
11) T n-Heneicosane (C21)	12.904	1997357	20.208 ug/ml
13) T n-Docosane (C22)	13.487	2004046	19.980 ug/ml
14) T n-Tetracosane (C24)	14.585	2015647	19.838 ug/ml
15) T n-Hexacosane (C26)	15.600	1992778	19.700 ug/ml
16) T n-Octacosane (C28)	16.545	1908256	19.074 ug/ml
17) T n-Tricontane (C30)	17.430	2097201	21.355 ug/ml
18) T n-Dotriacontane (C32)	18.259	1994571	21.707 ug/ml
19) T n-Tetratriacontane (C34)	19.039	1663872	20.803 ug/ml
20) T n-Hexatriacontane (C36)	19.776	1309674	18.210 ug/ml
21) T n-Octatriacontane (C38)	20.476	1130419	16.065 ug/ml
22) T n-Tetracontane (C40)	21.283	1229359	17.170 ug/ml

(f)=RT Delta > 1/2 Window

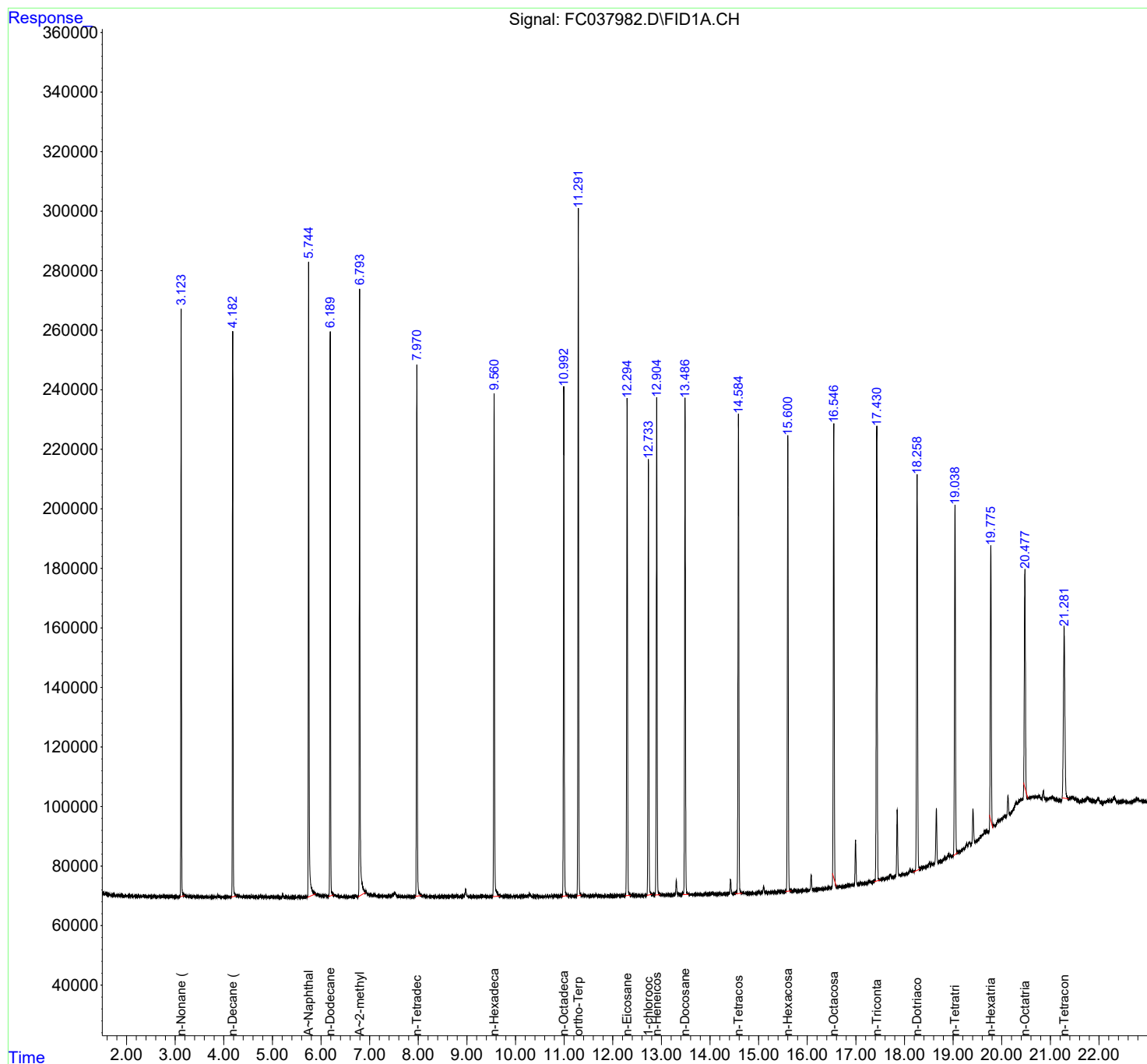
(m)=manual int.

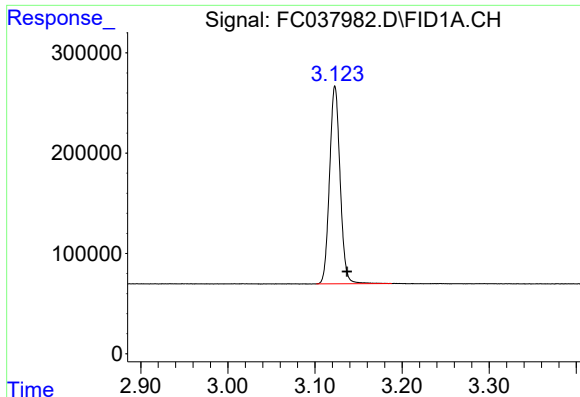
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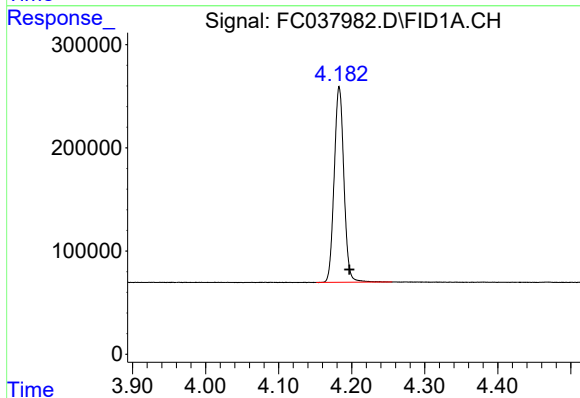




#1 n-Nonane (C9)

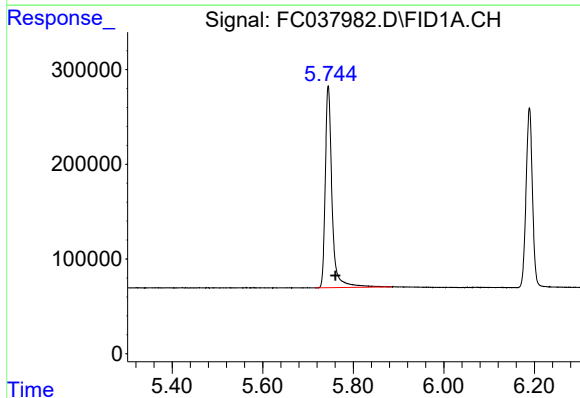
R.T.: 3.123 min
Delta R.T.: -0.014 min
Response: 1657814
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :



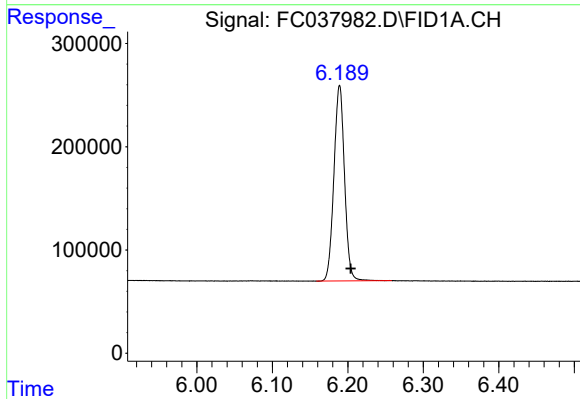
#2 n-Decane (C10)

R.T.: 4.183 min
Delta R.T.: -0.014 min
Response: 1751167
Conc: 21.25 ug/ml



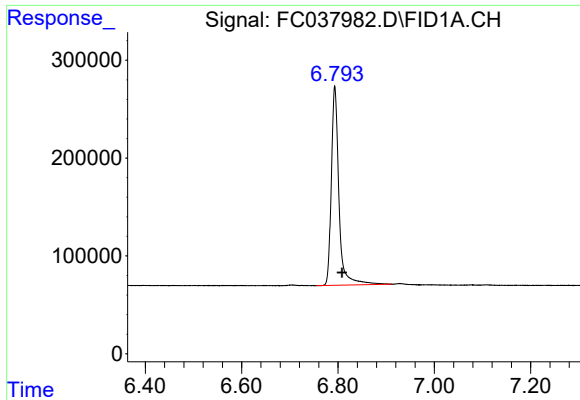
#3 A~Naphthalene (C11.7)

R.T.: 5.745 min
Delta R.T.: -0.015 min
Response: 2215682
Conc: 23.75 ug/ml



#4 n-Dodecane (C12)

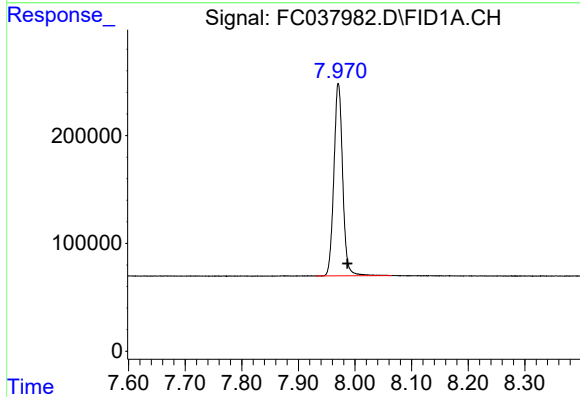
R.T.: 6.189 min
Delta R.T.: -0.015 min
Response: 1852699
Conc: 21.80 ug/ml



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

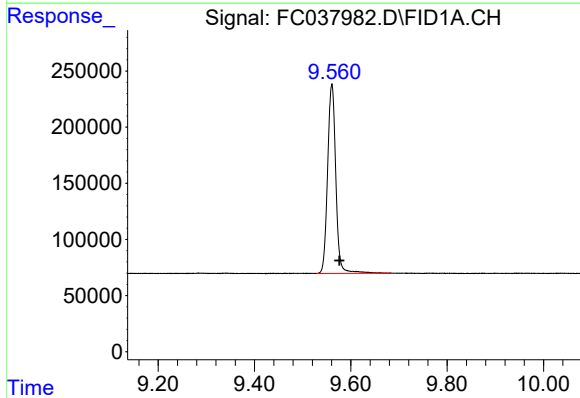
R.T.: 6.794 min
Delta R.T.: -0.015 min
Response: 2226284
Conc: 23.44 ug/ml

Instrument :
FID_C
ClientSampleId :



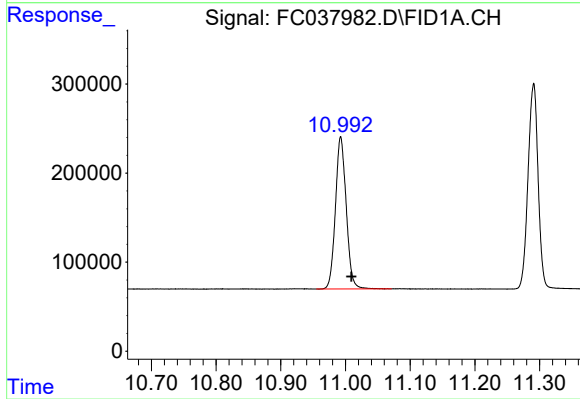
#6 n-Tetradecane (C14)

R.T.: 7.971 min
Delta R.T.: -0.016 min
Response: 1925505
Conc: 21.53 ug/ml



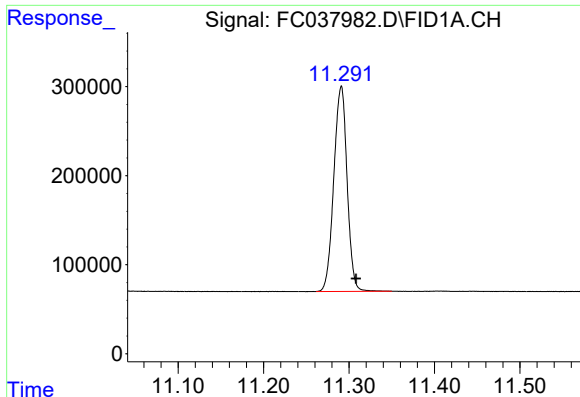
#7 n-Hexadecane (C16)

R.T.: 9.561 min
Delta R.T.: -0.016 min
Response: 1971310
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

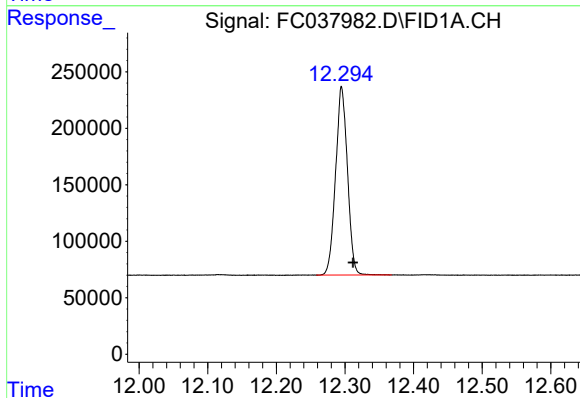
R.T.: 10.993 min
Delta R.T.: -0.017 min
Response: 1979271
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

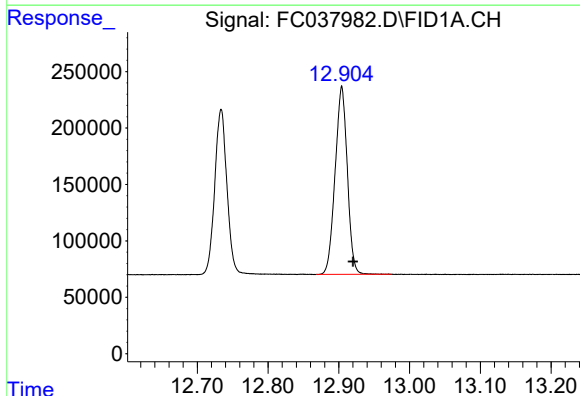
R.T.: 11.291 min
Delta R.T.: -0.018 min
Response: 2490103
Conc: 22.82 ug/ml

Instrument :
FID_C
ClientSampleId :



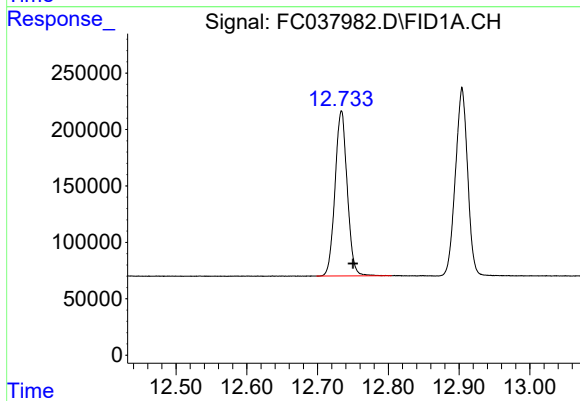
#10 n-Eicosane (C20)

R.T.: 12.295 min
Delta R.T.: -0.017 min
Response: 2003893
Conc: 20.05 ug/ml



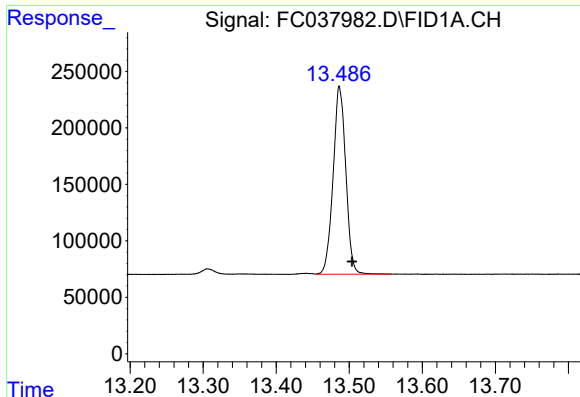
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: -0.016 min
Response: 1997357
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

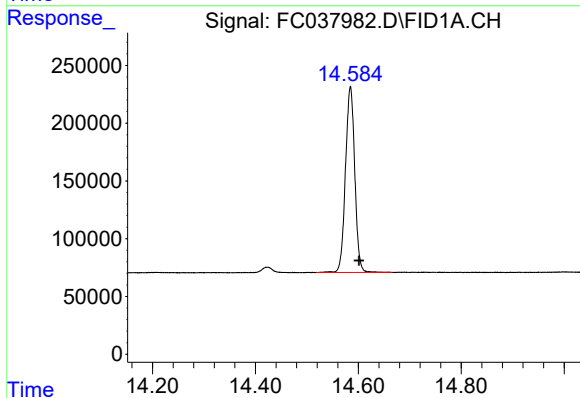
R.T.: 12.734 min
Delta R.T.: -0.017 min
Response: 1750095
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

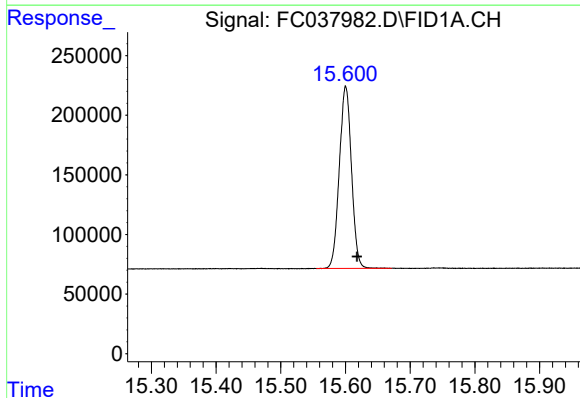
R.T.: 13.487 min
Delta R.T.: -0.017 min
Response: 2004046
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :



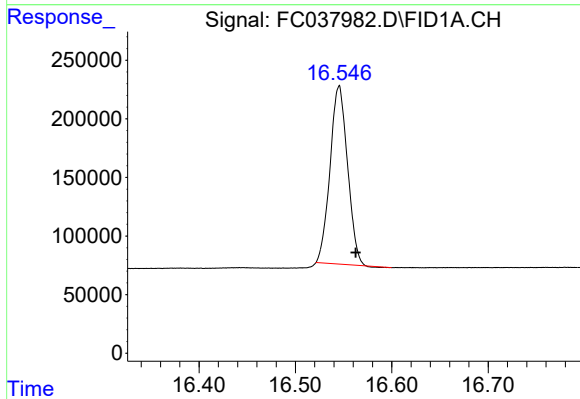
#14 n-Tetracosane (C24)

R.T.: 14.585 min
Delta R.T.: -0.017 min
Response: 2015647
Conc: 19.84 ug/ml



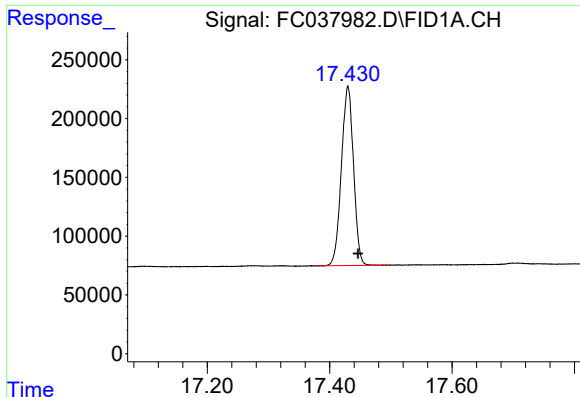
#15 n-Hexacosane (C26)

R.T.: 15.600 min
Delta R.T.: -0.017 min
Response: 1992778
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

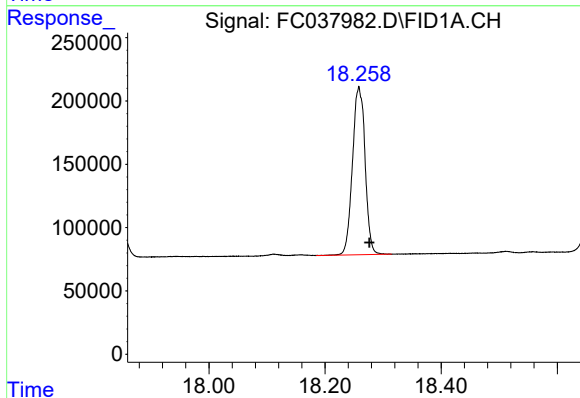
R.T.: 16.545 min
Delta R.T.: -0.017 min
Response: 1908256
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

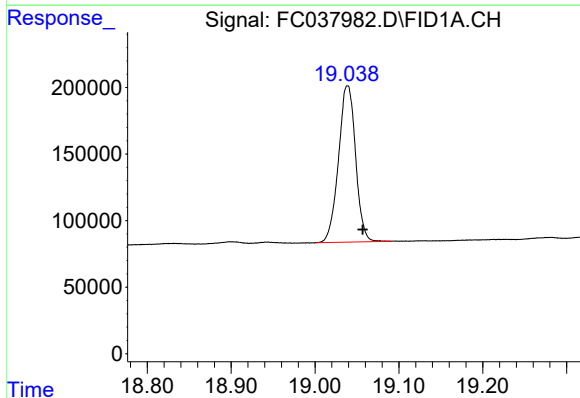
R.T.: 17.430 min
Delta R.T.: -0.017 min
Response: 2097201
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :



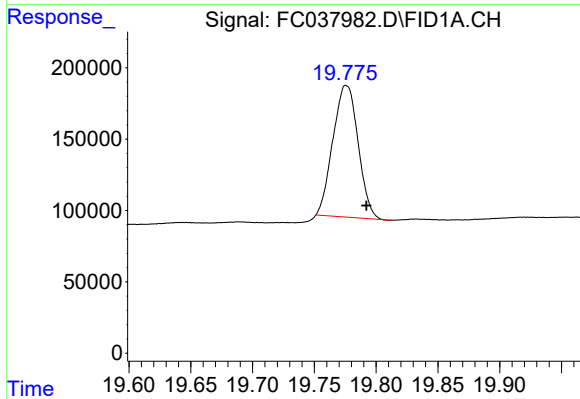
#18 n-Dotriacontane (C32)

R.T.: 18.259 min
Delta R.T.: -0.018 min
Response: 1994571
Conc: 21.71 ug/ml



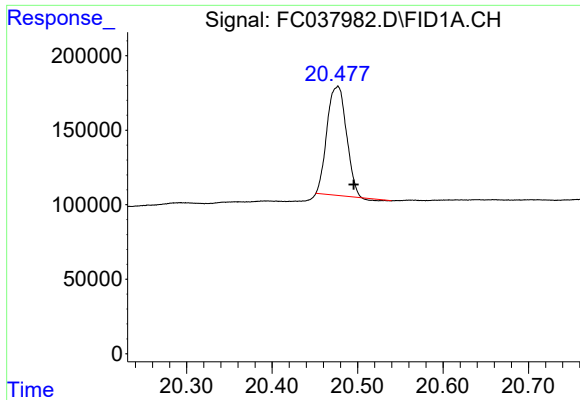
#19 n-Tetratriacontane (C34)

R.T.: 19.039 min
Delta R.T.: -0.018 min
Response: 1663872
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

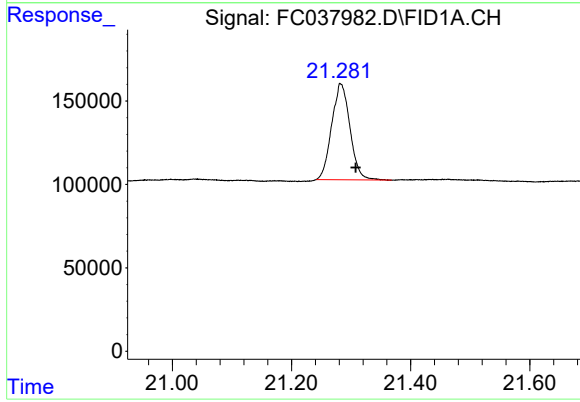
R.T.: 19.776 min
Delta R.T.: -0.016 min
Response: 1309674
Conc: 18.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.476 min
Delta R.T.: -0.019 min
Response: 1130419
Conc: 16.06 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.283 min
Delta R.T.: -0.025 min
Response: 1229359
Conc: 17.17 ug/ml