

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012320AL\
 Data File : FC045428.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jan 2020 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 24 02:25:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.754	2341405	21.299 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	13.176	1844571	21.215 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
Target Compounds			
1) T n-Nonane (C9)	3.514	2055538	21.252 ug/ml
2) T n-Decane (C10)	4.585	2072152	21.395 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2281484	21.361 ug/ml
4) T n-Dodecane (C12)	6.601	2099243	21.473 ug/ml
5) T A~2-methylnaphthalene...	7.239	2310063	21.550 ug/ml
6) T n-Tetradecane (C14)	8.390	2115632	21.469 ug/ml
7) T n-Hexadecane (C16)	9.986	2143134	21.407 ug/ml
8) T n-Octadecane (C18)	11.424	2168807	21.293 ug/ml
10) T n-Eicosane (C20)	12.728	2179278	21.250 ug/ml
11) T n-Heneicosane (C21)	13.339	2193613	21.193 ug/ml
13) T n-Docosane (C22)	13.925	2185720	21.184 ug/ml
14) T n-Tetracosane (C24)	15.024	2197104	21.144 ug/ml
15) T n-Hexacosane (C26)	16.043	2186932	21.168 ug/ml
16) T n-Octacosane (C28)	16.988	2163878	21.171 ug/ml
17) T n-Tricontane (C30)	17.875	2076407	21.151 ug/ml
18) T n-Dotriacontane (C32)	18.704	1750855	21.041 ug/ml
19) T n-Tetratriacontane (C34)	19.485	1470519	20.780 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1311019	20.447 ug/ml
21) T n-Octatriacontane (C38)	20.986	1185734	20.273 ug/ml
22) T n-Tetracontane (C40)	21.950	1178422	19.976 ug/ml

(f)=RT Delta > 1/2 Window

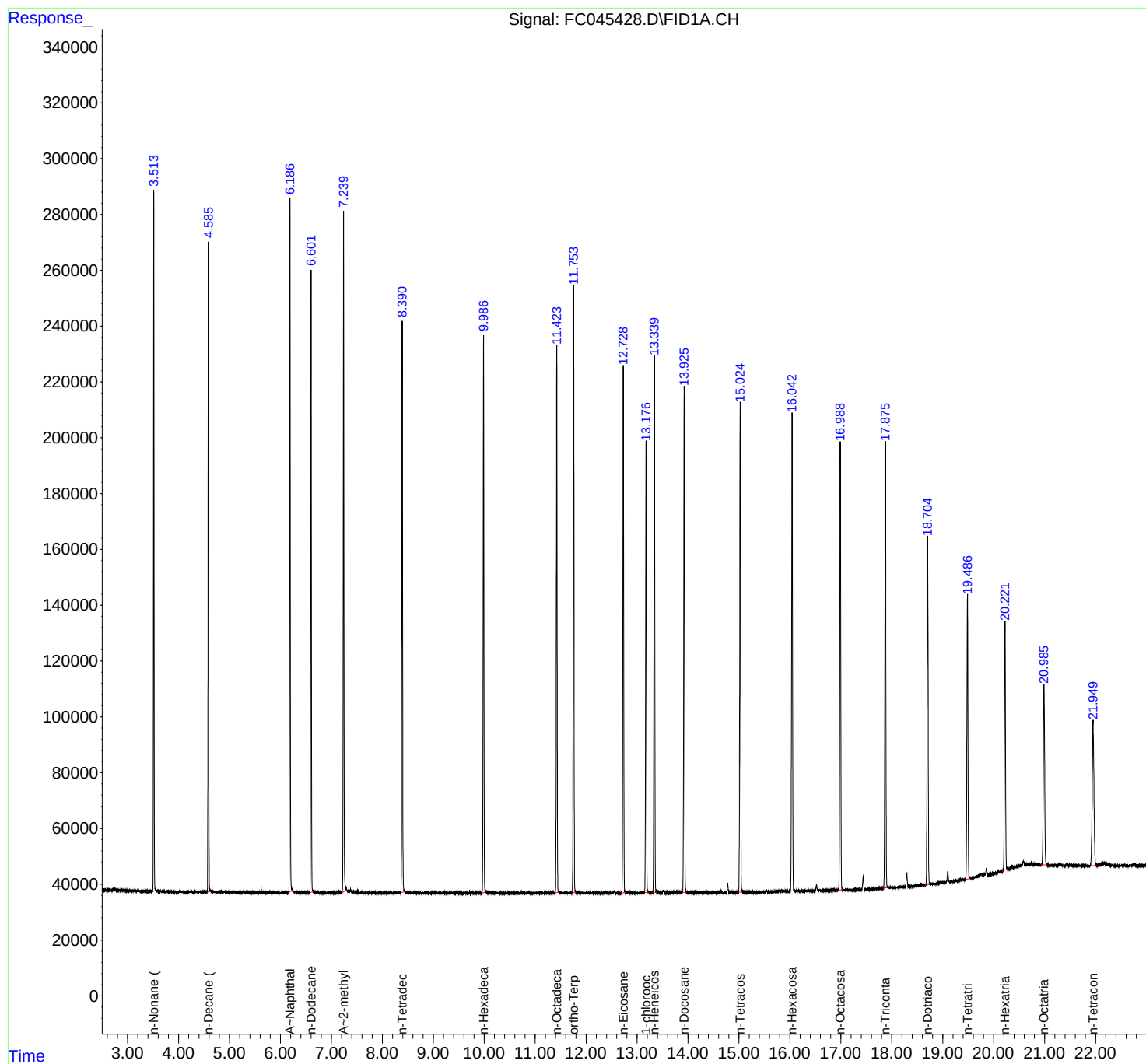
(m)=manual int.

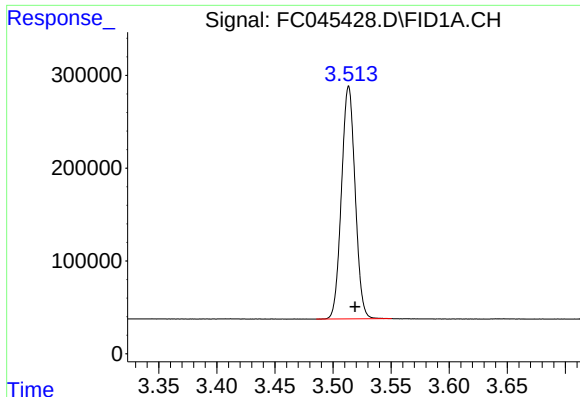
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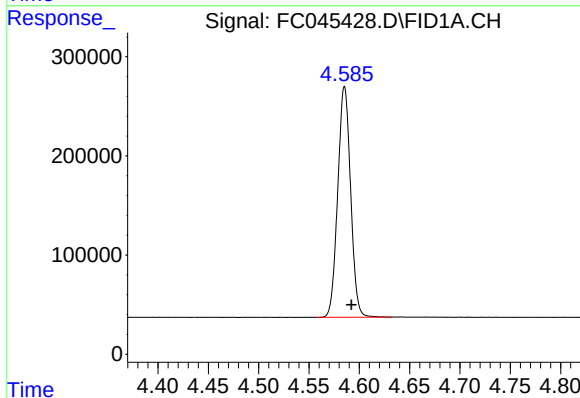




#1 n-Nonane (C9)

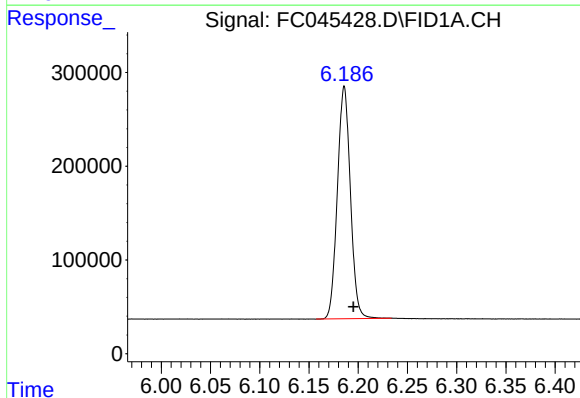
R.T.: 3.514 min
Delta R.T.: -0.005 min
Response: 2055538
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :



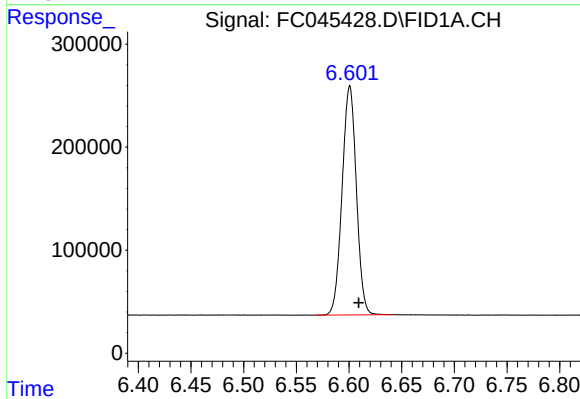
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.007 min
Response: 2072152
Conc: 21.40 ug/ml



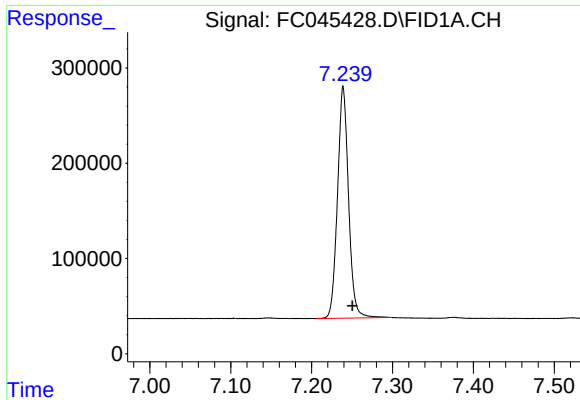
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.009 min
Response: 2281484
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

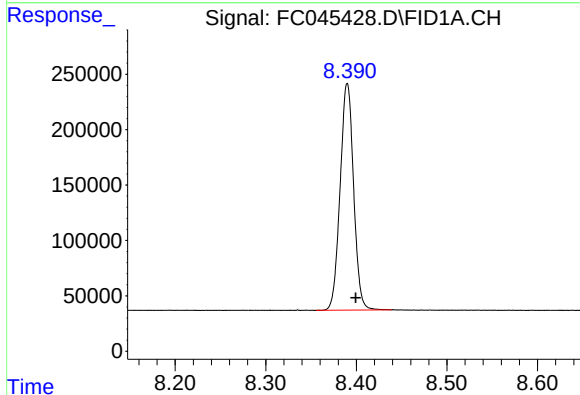
R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 2099243
Conc: 21.47 ug/ml



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

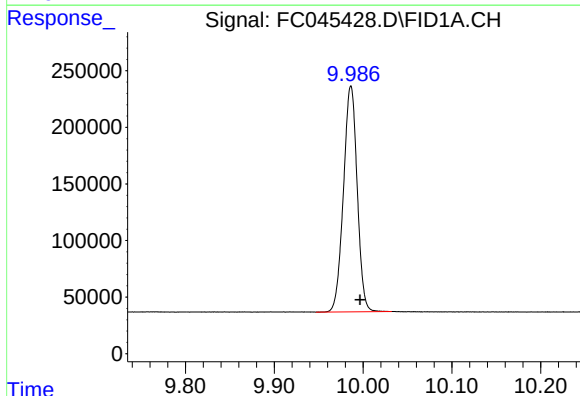
R.T.: 7.239 min
Delta R.T.: -0.011 min
Response: 2310063
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :



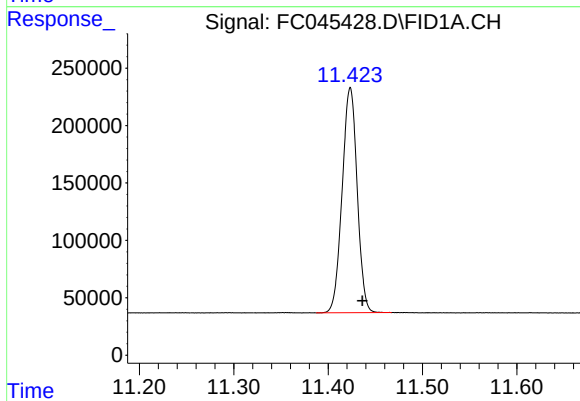
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: -0.009 min
Response: 2115632
Conc: 21.47 ug/ml



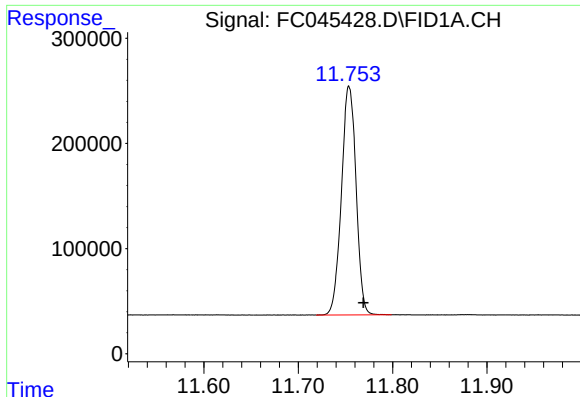
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: -0.010 min
Response: 2143134
Conc: 21.41 ug/ml



#8 n-Octadecane (C18)

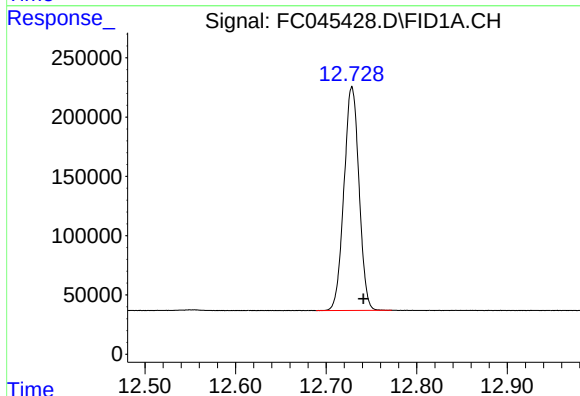
R.T.: 11.424 min
Delta R.T.: -0.013 min
Response: 2168807
Conc: 21.29 ug/ml



#9 ortho-Terphenyl (SURR)

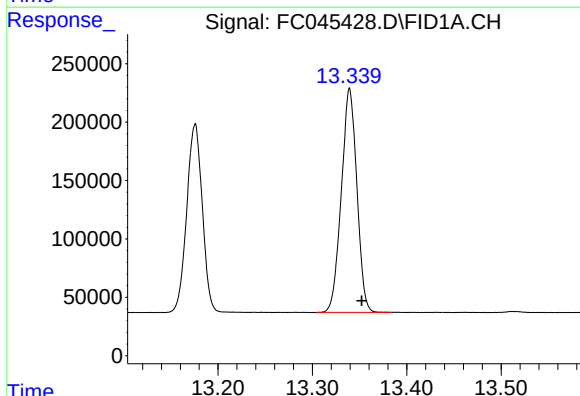
R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 2341405
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :



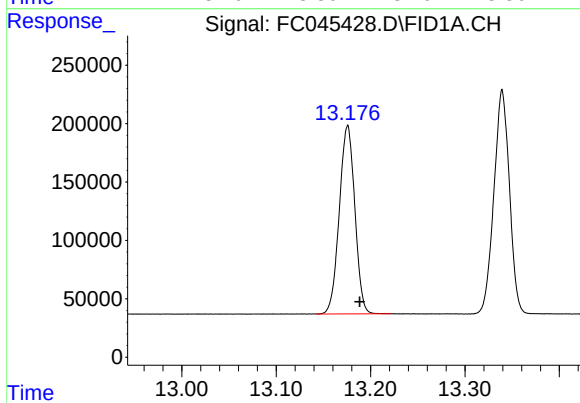
#10 n-Eicosane (C20)

R.T.: 12.728 min
Delta R.T.: -0.013 min
Response: 2179278
Conc: 21.25 ug/ml



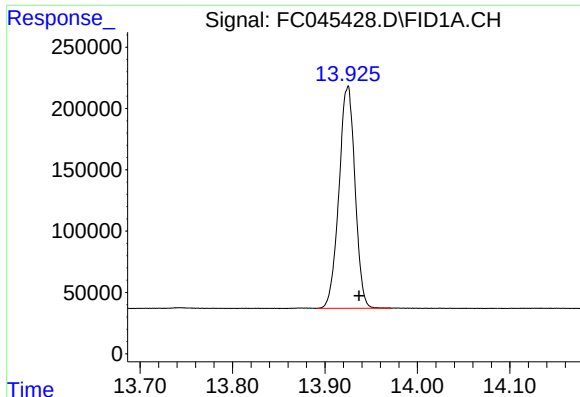
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.013 min
Response: 2193613
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

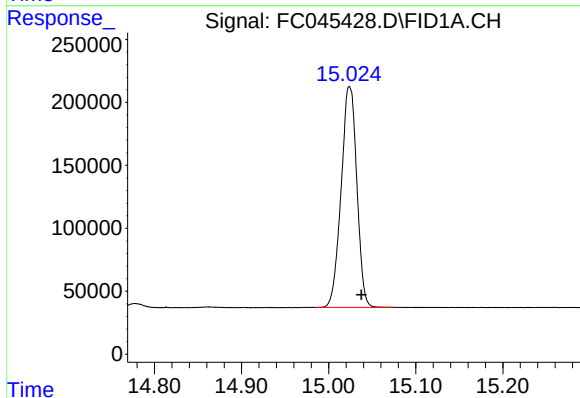
R.T.: 13.176 min
Delta R.T.: -0.013 min
Response: 1844571
Conc: 21.22 ug/ml



#13 n-Docosane (C22)

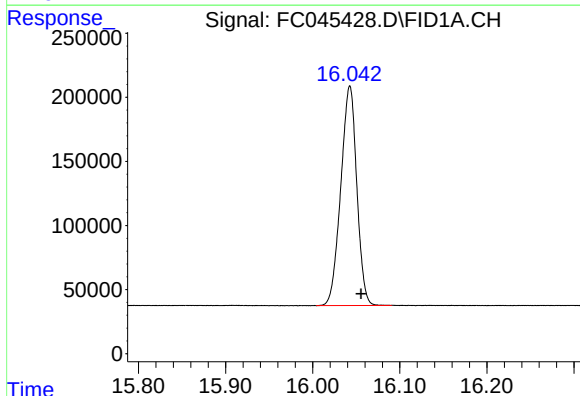
R.T.: 13.925 min
Delta R.T.: -0.012 min
Response: 2185720
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :



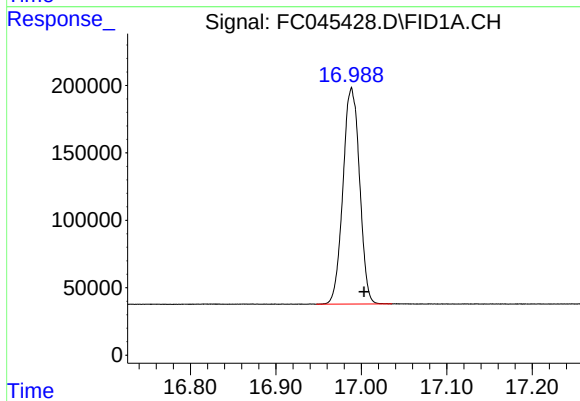
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.014 min
Response: 2197104
Conc: 21.14 ug/ml



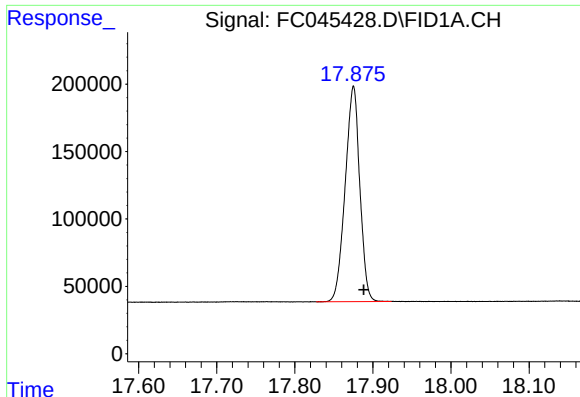
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.013 min
Response: 2186932
Conc: 21.17 ug/ml



#16 n-Octacosane (C28)

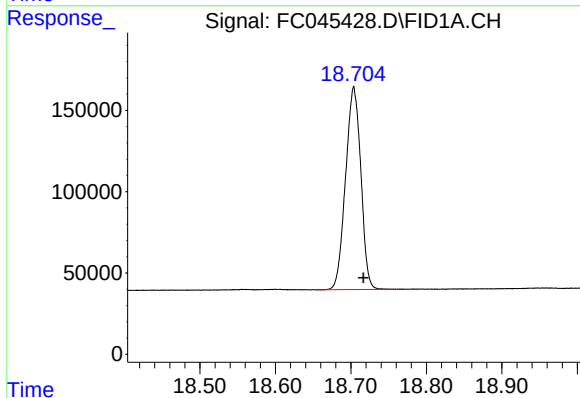
R.T.: 16.988 min
Delta R.T.: -0.015 min
Response: 2163878
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

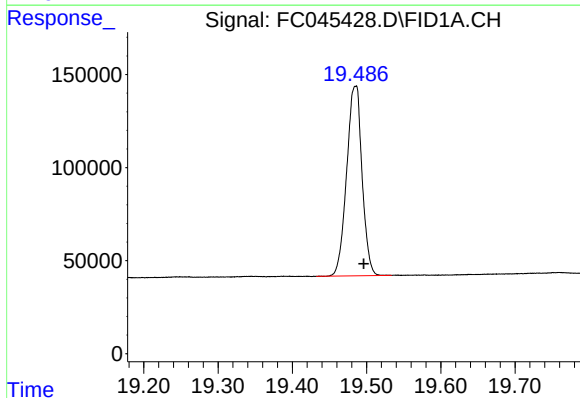
R.T.: 17.875 min
Delta R.T.: -0.013 min
Response: 2076407
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :



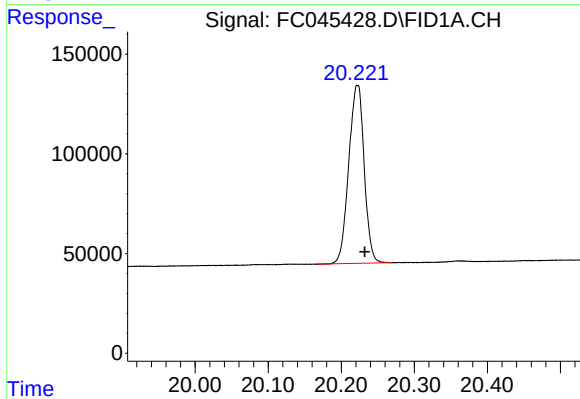
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.013 min
Response: 1750855
Conc: 21.04 ug/ml



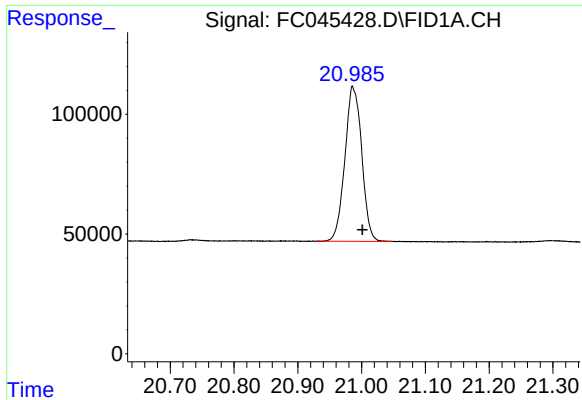
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min
Delta R.T.: -0.011 min
Response: 1470519
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

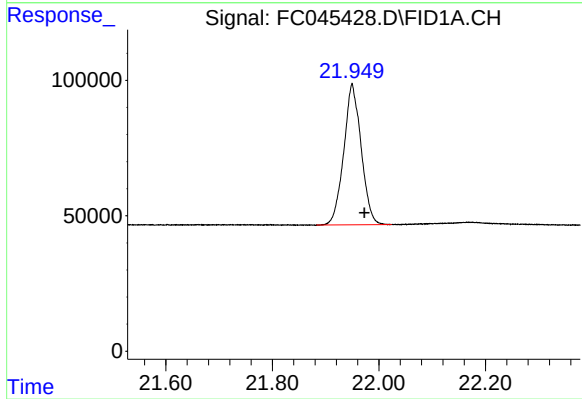
R.T.: 20.222 min
Delta R.T.: -0.010 min
Response: 1311019
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.016 min
Response: 1185734
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.023 min
Response: 1178422
Conc: 19.98 ug/ml