

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080620AL\
 Data File : FC048880.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2020 10:24
 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: Aug 06 11:27:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.675	2590293	18.873 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.107	2094722	18.589 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.412	2493703	20.920 ug/ml
2) T n-Decane (C10)	4.485	2551624	21.198 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2818279	20.943 ug/ml
4) T n-Dodecane (C12)	6.510	2598957	21.243 ug/ml
5) T A~2-methylnaphthalene...	7.140	2862586	20.769 ug/ml
6) T n-Tetradecane (C14)	8.307	2586982	21.000 ug/ml
7) T n-Hexadecane (C16)	9.910	2520402	20.589 ug/ml
8) T n-Octadecane (C18)	11.352	2557064	19.980 ug/ml
10) T n-Eicosane (C20)	12.662	2498196	19.316 ug/ml
11) T n-Heneicosane (C21)	13.273	2447195	18.879 ug/ml
13) T n-Docosane (C22)	13.860	2410774	18.568 ug/ml
14) T n-Tetracosane (C24)	14.961	2340399	17.854 ug/ml
15) T n-Hexacosane (C26)	15.982	2254921	17.341 ug/ml
16) T n-Octacosane (C28)	16.929	2226820	17.042 ug/ml
17) T n-Tricontane (C30)	17.815	2163066	16.826 ug/ml
18) T n-Dotriacontane (C32)	18.645	1997153	16.905 ug/ml
19) T n-Tetratriacontane (C34)	19.426	1883538	16.874 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1809326	17.203 ug/ml
21) T n-Octatriacontane (C38)	20.915	1752857	17.855 ug/ml
22) T n-Tetracontane (C40)	21.862	1797313	18.495 ug/ml

(f)=RT Delta > 1/2 Window

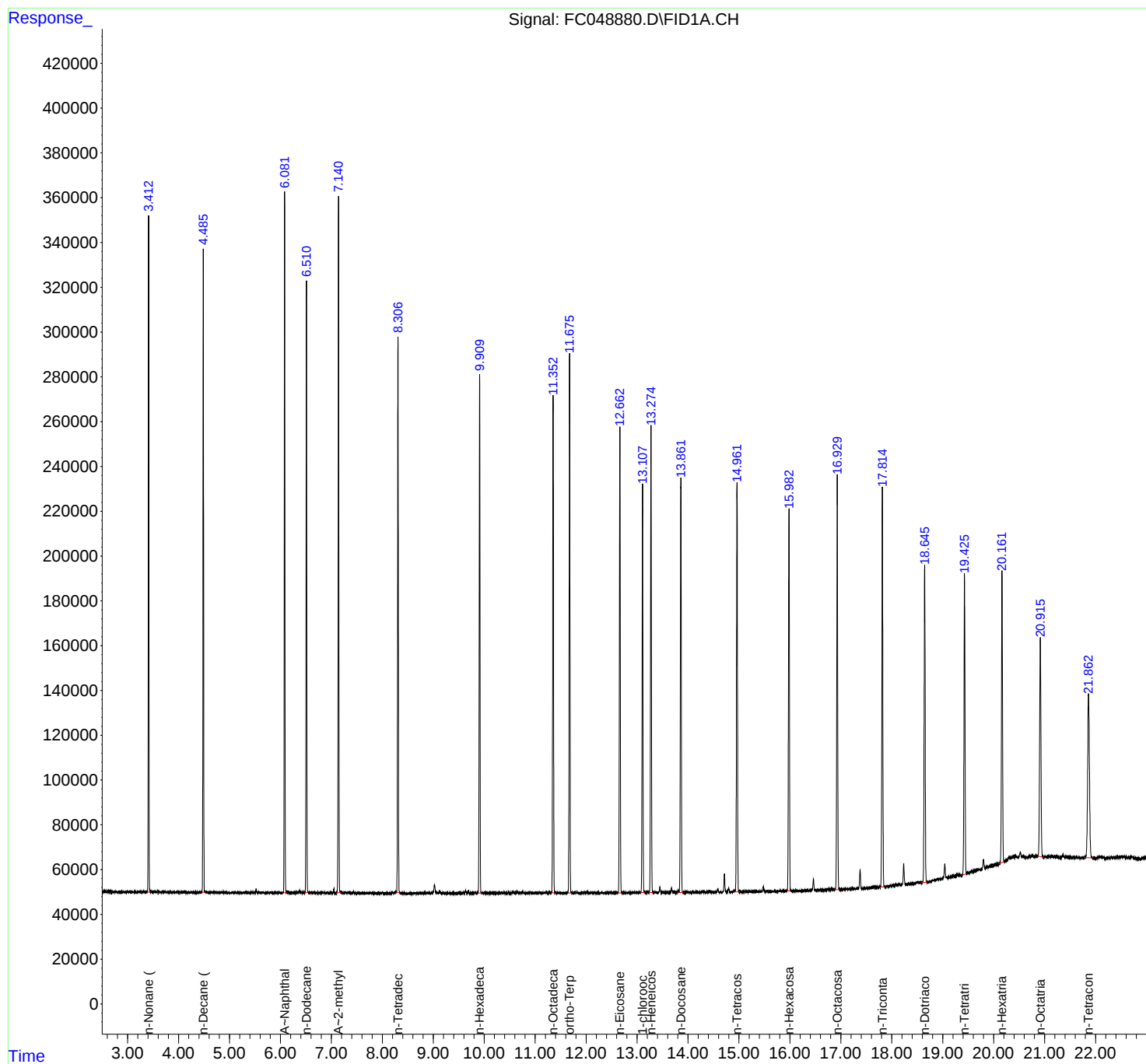
(m)=manual int.

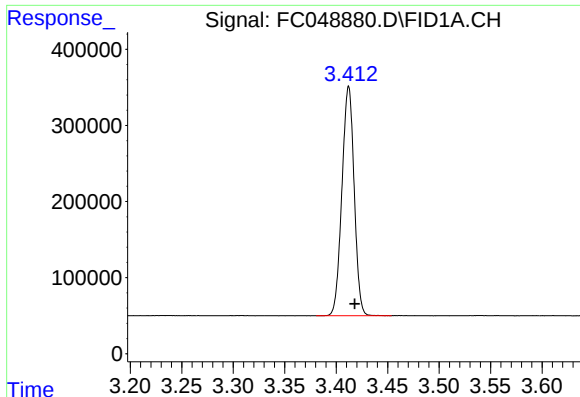
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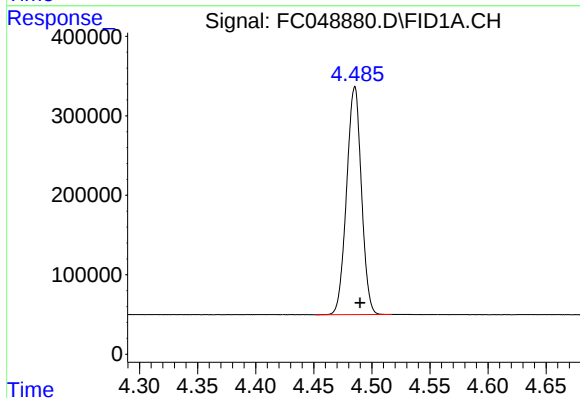




#1 n-Nonane (C9)

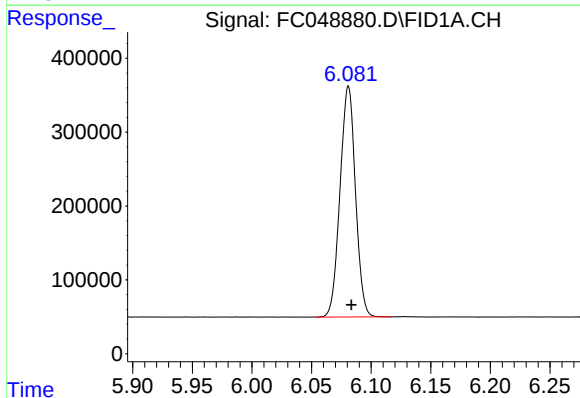
R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2493703
Conc: 20.92 ug/ml

Instrument :
FID_C
ClientSampleId :



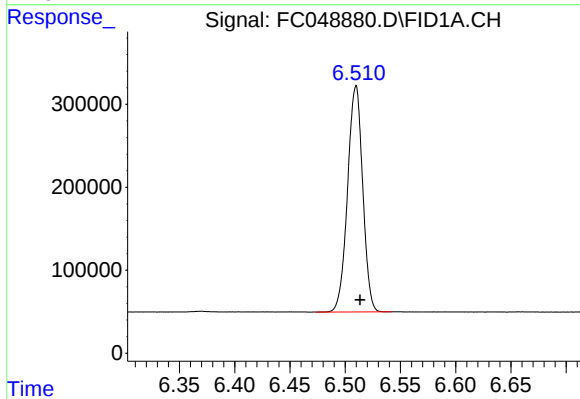
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 2551624
Conc: 21.20 ug/ml



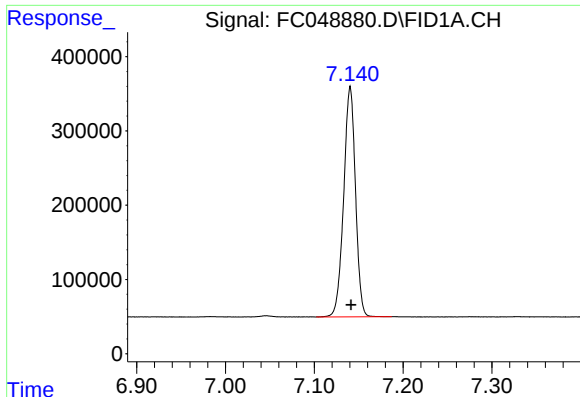
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 2818279
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

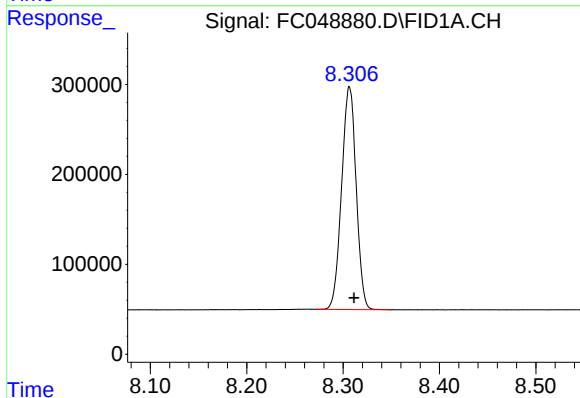
R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 2598957
Conc: 21.24 ug/ml



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

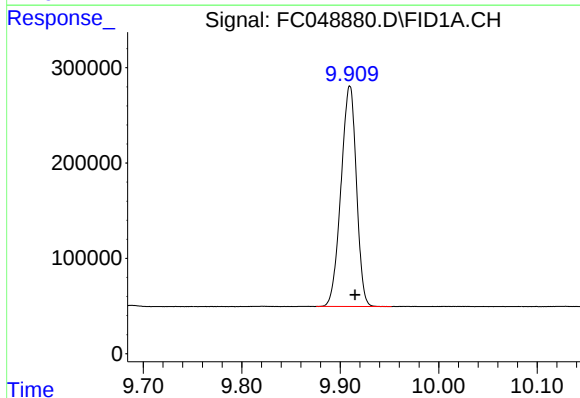
R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 2862586
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



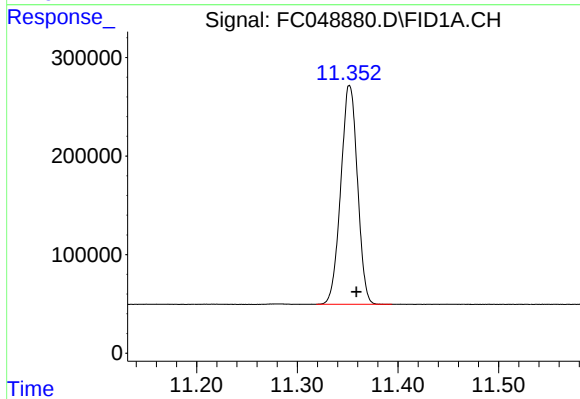
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.005 min
Response: 2586982
Conc: 21.00 ug/ml



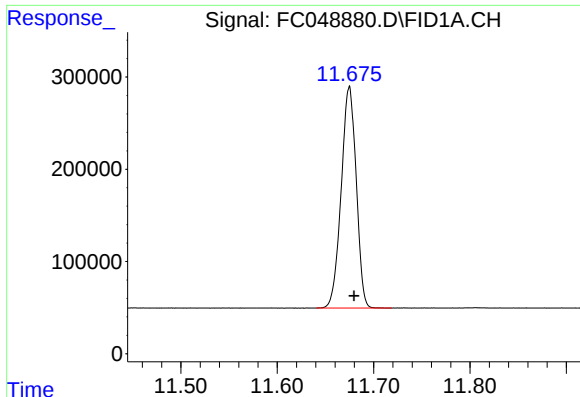
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.005 min
Response: 2520402
Conc: 20.59 ug/ml



#8 n-Octadecane (C18)

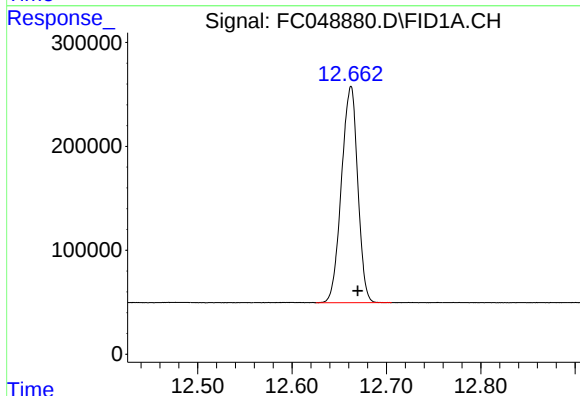
R.T.: 11.352 min
Delta R.T.: -0.007 min
Response: 2557064
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

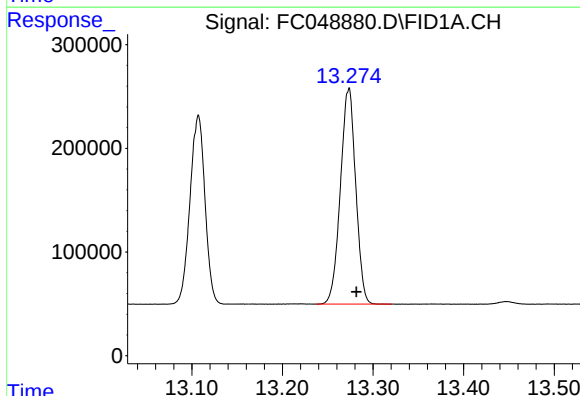
R.T.: 11.675 min
Delta R.T.: -0.005 min
Response: 2590293
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :



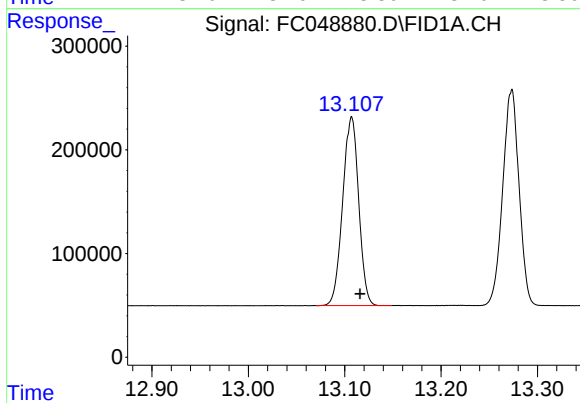
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.007 min
Response: 2498196
Conc: 19.32 ug/ml



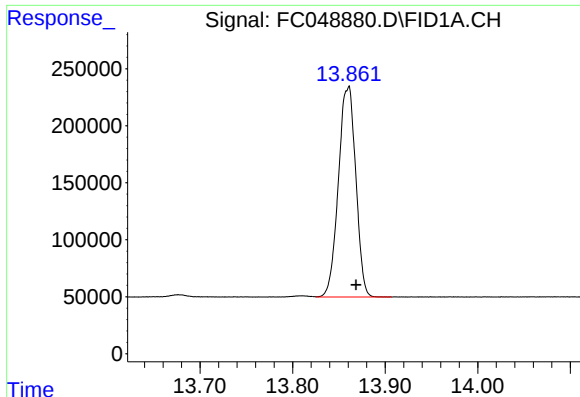
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.008 min
Response: 2447195
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

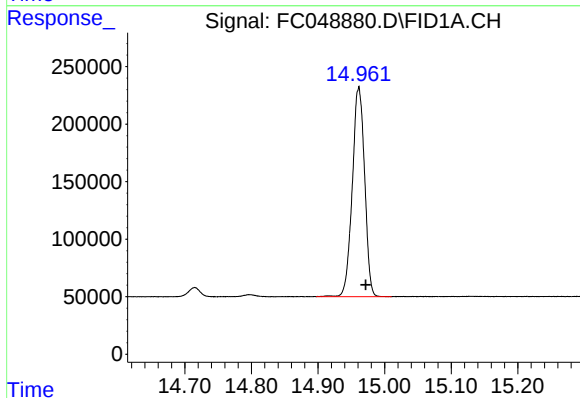
R.T.: 13.107 min
Delta R.T.: -0.009 min
Response: 2094722
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

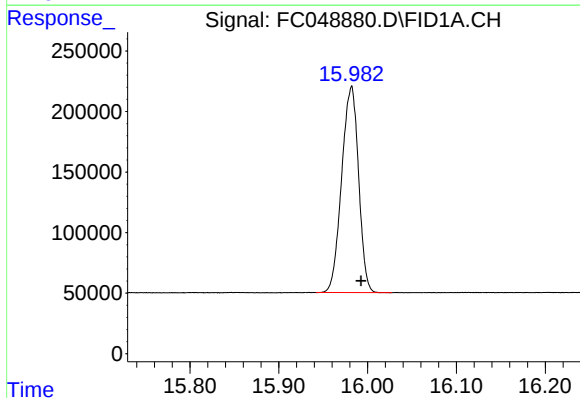
R.T.: 13.860 min
Delta R.T.: -0.008 min
Response: 2410774
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :



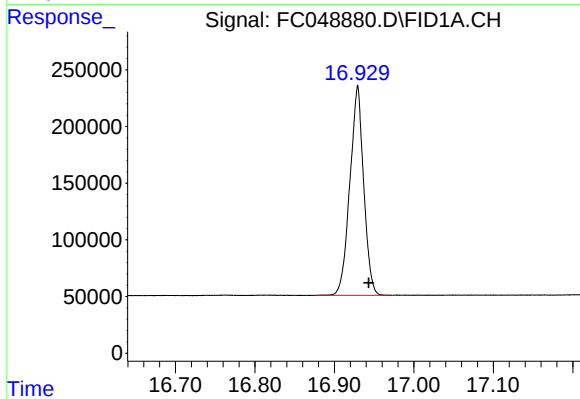
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.011 min
Response: 2340399
Conc: 17.85 ug/ml



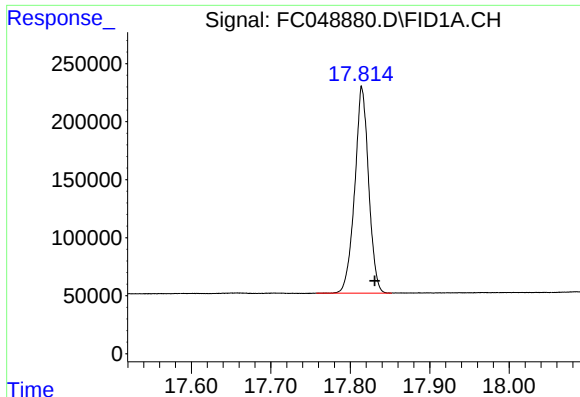
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.011 min
Response: 2254921
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

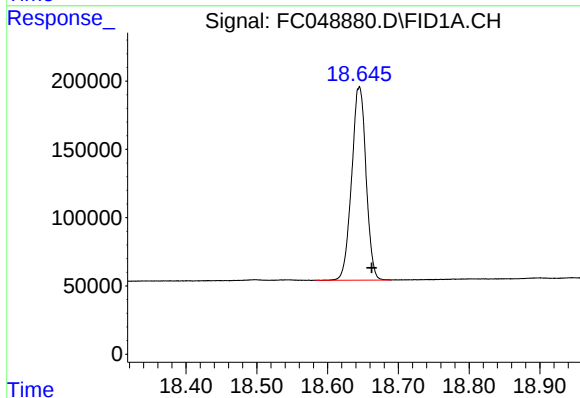
R.T.: 16.929 min
Delta R.T.: -0.014 min
Response: 2226820
Conc: 17.04 ug/ml



#17 n-Tricontane (C30)

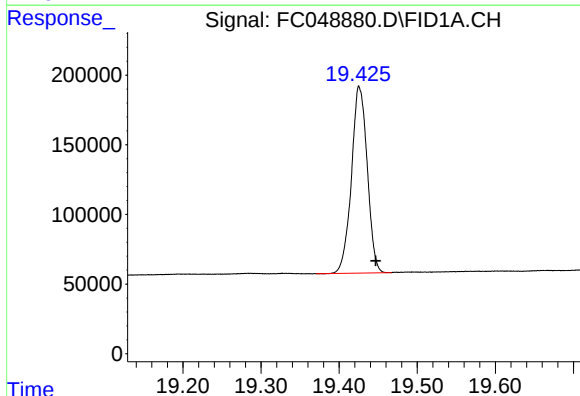
R.T.: 17.815 min
Delta R.T.: -0.016 min
Response: 2163066
Conc: 16.83 ug/ml

Instrument :
FID_C
ClientSampleId :



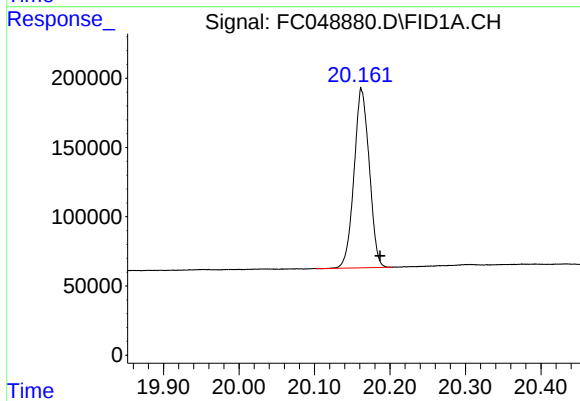
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.018 min
Response: 1997153
Conc: 16.90 ug/ml



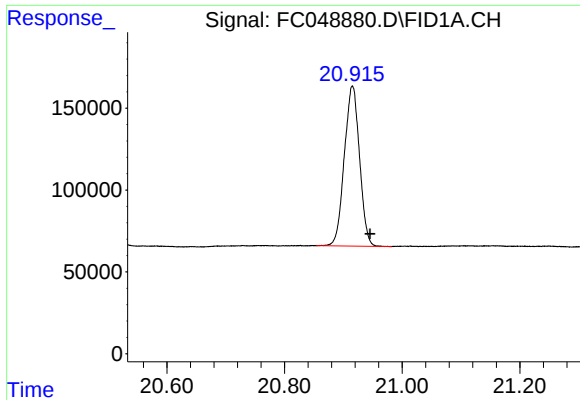
#19 n-Tetratriacontane (C34)

R.T.: 19.426 min
Delta R.T.: -0.021 min
Response: 1883538
Conc: 16.87 ug/ml



#20 n-Hexatriacontane (C36)

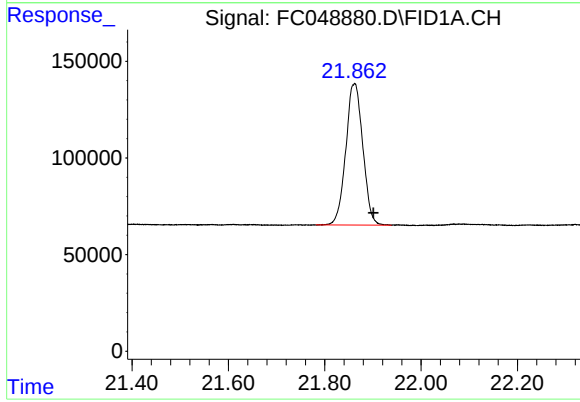
R.T.: 20.162 min
Delta R.T.: -0.024 min
Response: 1809326
Conc: 17.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: -0.030 min
Response: 1752857
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.039 min
Response: 1797313
Conc: 18.50 ug/ml