

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082819AL\
 Data File : FC043161.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2019 15:16
 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 28 23:42:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.635	2684346	18.748 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.057	2005025	18.353 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T n-Nonane (C9)	3.462	2520346	21.161 ug/ml
2) T n-Decane (C10)	4.518	2533700	21.308 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2635458	21.605 ug/ml
4) T n-Dodecane (C12)	6.515	2565715	20.972 ug/ml
5) T A~2-methylnaphthalene...	7.147	2659275	21.664 ug/ml
6) T n-Tetradecane (C14)	8.294	2535246	20.509 ug/ml
7) T n-Hexadecane (C16)	9.882	2510323	20.135 ug/ml
8) T n-Octadecane (C18)	11.313	2459731	19.338 ug/ml
10) T n-Eicosane (C20)	12.614	2402972	18.717 ug/ml
11) T n-Heneicosane (C21)	13.223	2381436	18.389 ug/ml
13) T n-Docosane (C22)	13.805	2340635	18.220 ug/ml
14) T n-Tetracosane (C24)	14.902	2283012	17.820 ug/ml
15) T n-Hexacosane (C26)	15.919	2242706	17.807 ug/ml
16) T n-Octacosane (C28)	16.864	2199128	17.910 ug/ml
17) T n-Tricontane (C30)	17.747	2198934	18.232 ug/ml
18) T n-Dotriacontane (C32)	18.577	2161829	18.952 ug/ml
19) T n-Tetratriacontane (C34)	19.357	2137789	19.869 ug/ml
20) T n-Hexatriacontane (C36)	20.094	2120910	20.144 ug/ml
21) T n-Octatriacontane (C38)	20.827	2231994	23.857 ug/ml
22) T n-Tetracontane (C40)	21.739	2136737	22.115 ug/ml

(f)=RT Delta > 1/2 Window

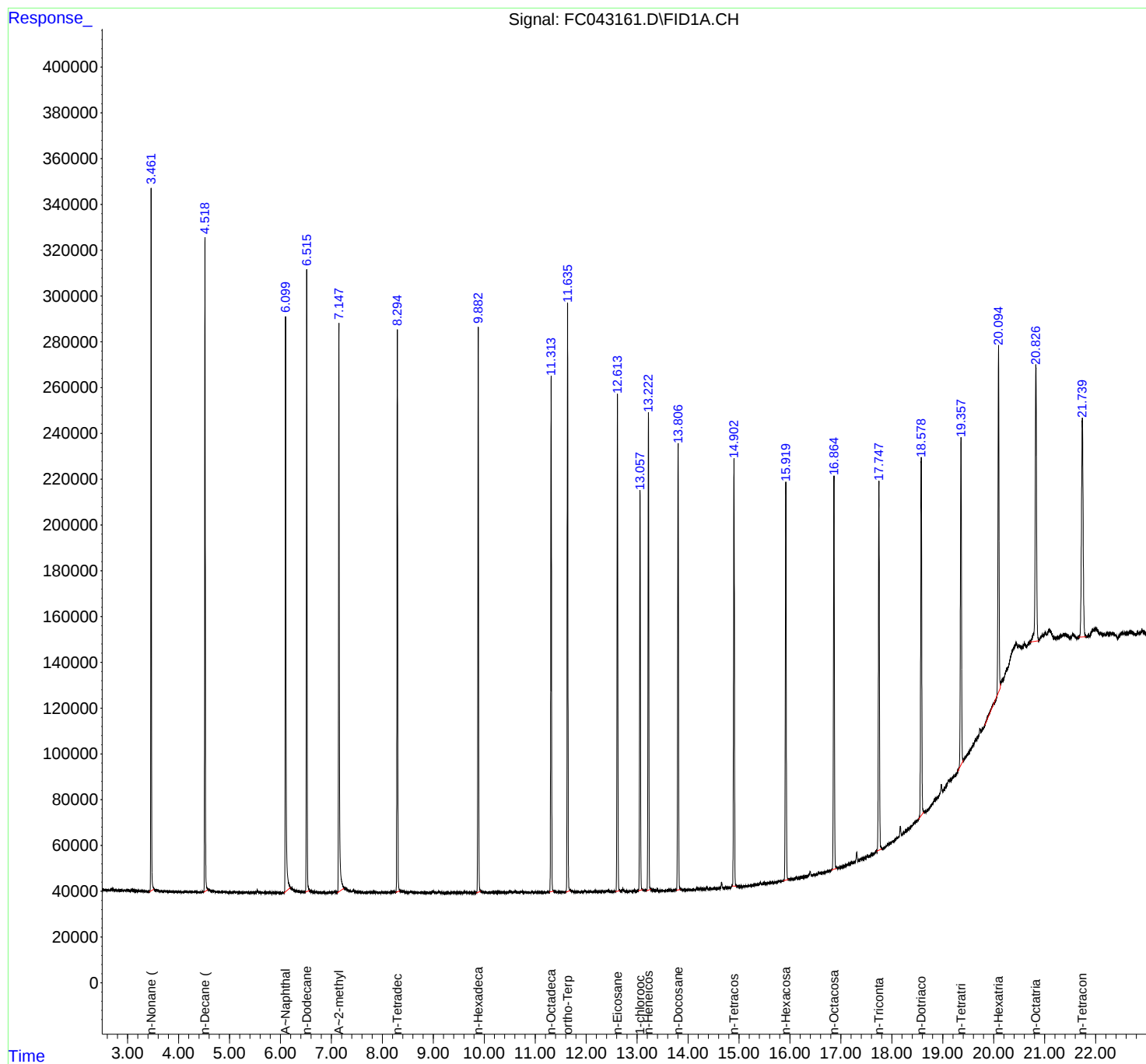
(m)=manual int.

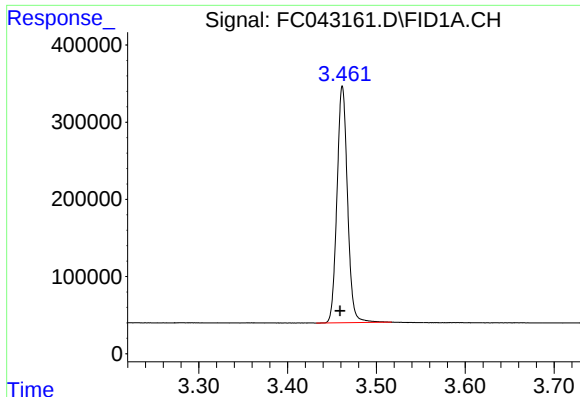
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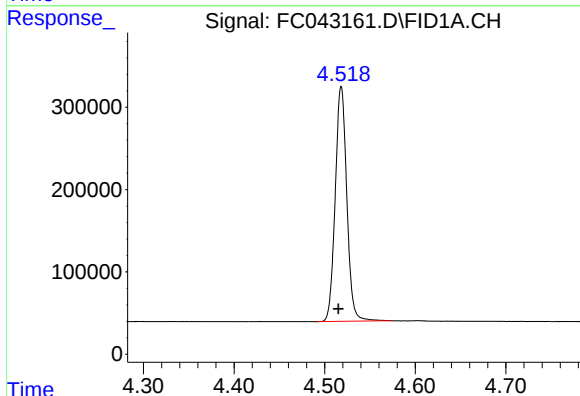




#1 n-Nonane (C9)

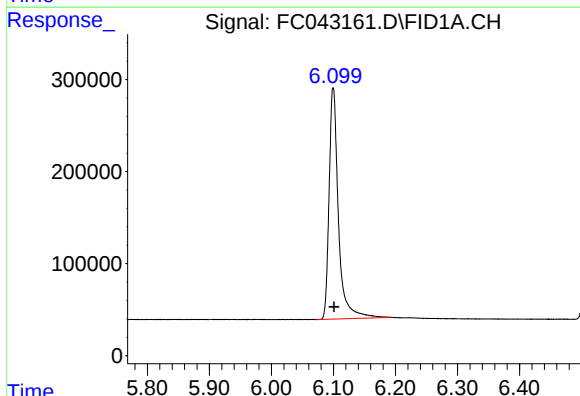
R.T.: 3.462 min
Delta R.T.: 0.003 min
Response: 2520346
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :



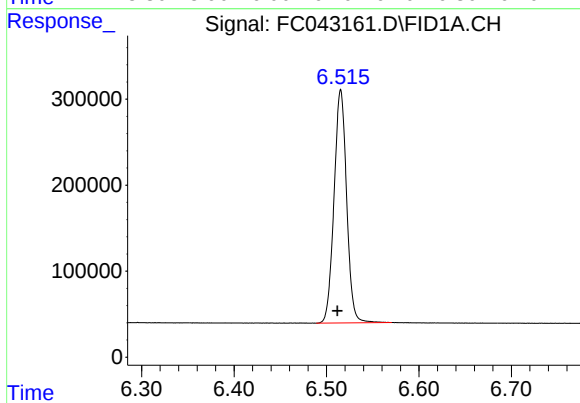
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 2533700
Conc: 21.31 ug/ml



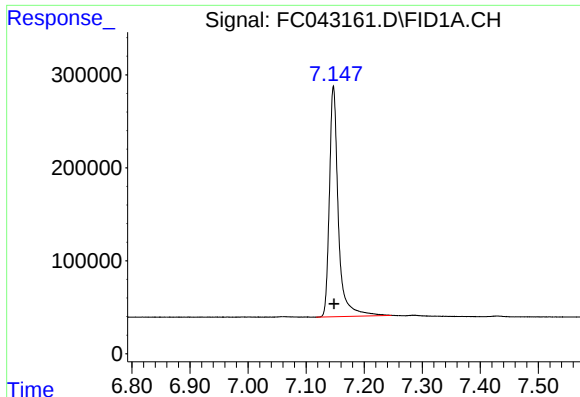
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 2635458
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

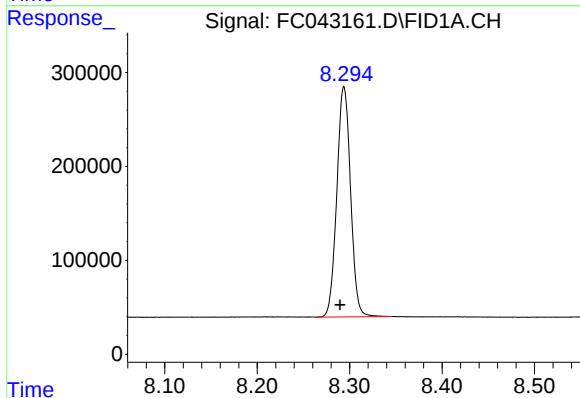
R.T.: 6.515 min
Delta R.T.: 0.004 min
Response: 2565715
Conc: 20.97 ug/ml



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

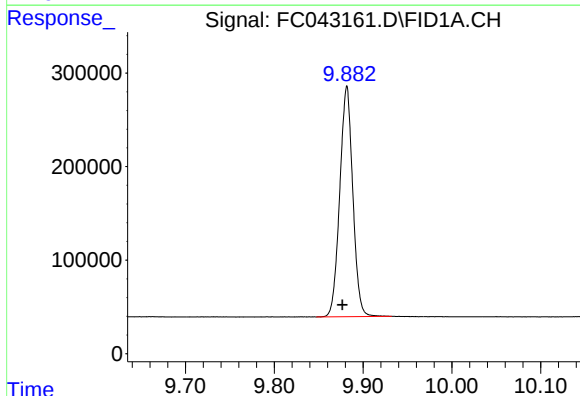
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 2659275
Conc: 21.66 ug/ml

Instrument :
FID_C
ClientSampleId :



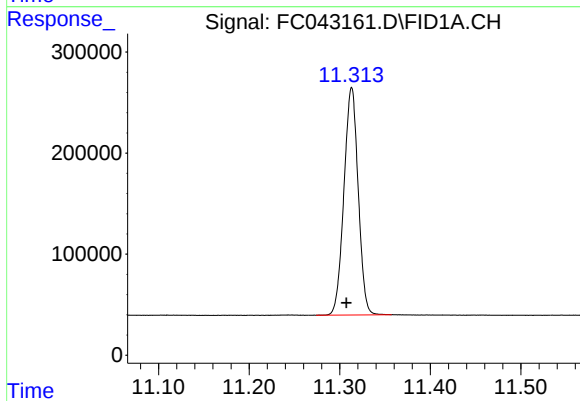
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.004 min
Response: 2535246
Conc: 20.51 ug/ml



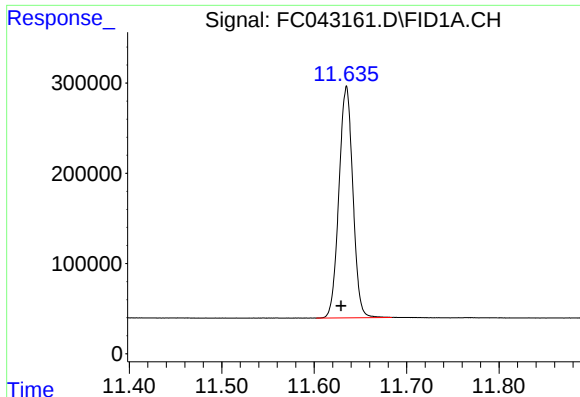
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: 0.005 min
Response: 2510323
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

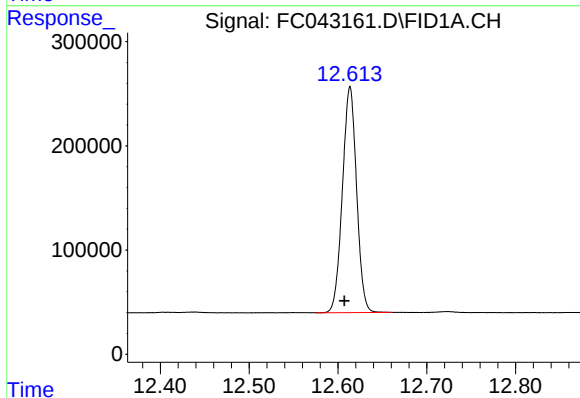
R.T.: 11.313 min
Delta R.T.: 0.006 min
Response: 2459731
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

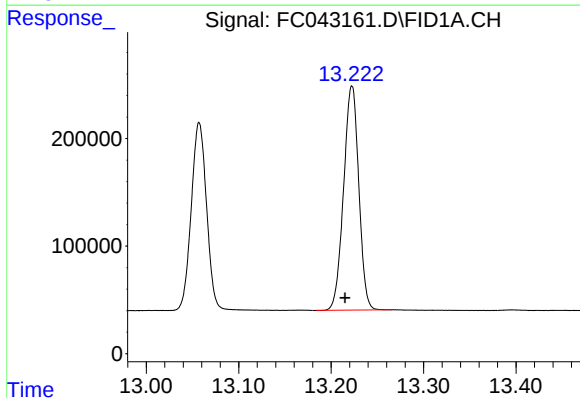
R.T.: 11.635 min
Delta R.T.: 0.006 min
Response: 2684346
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :



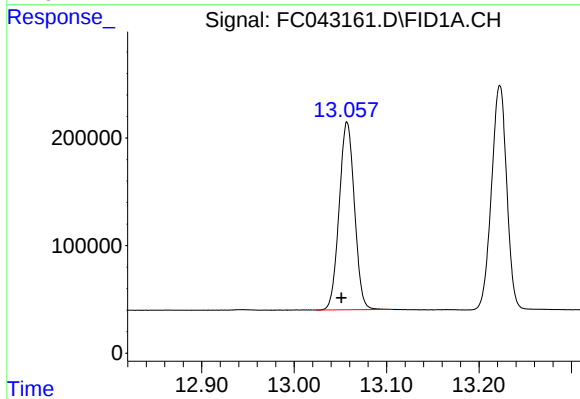
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: 0.006 min
Response: 2402972
Conc: 18.72 ug/ml



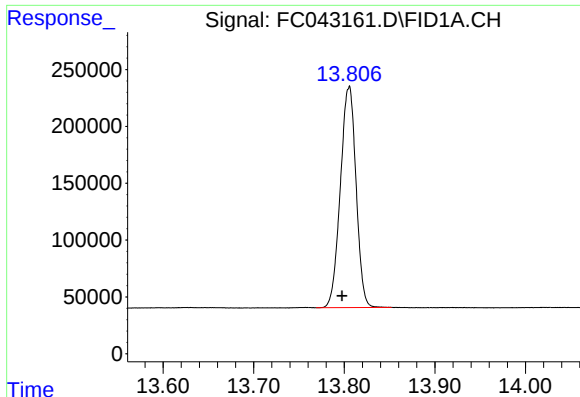
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: 0.007 min
Response: 2381436
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

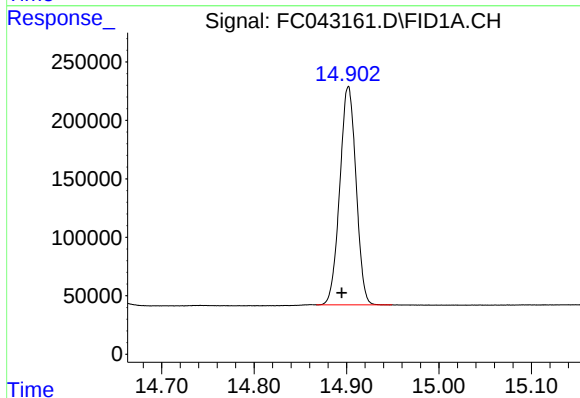
R.T.: 13.057 min
Delta R.T.: 0.006 min
Response: 2005025
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

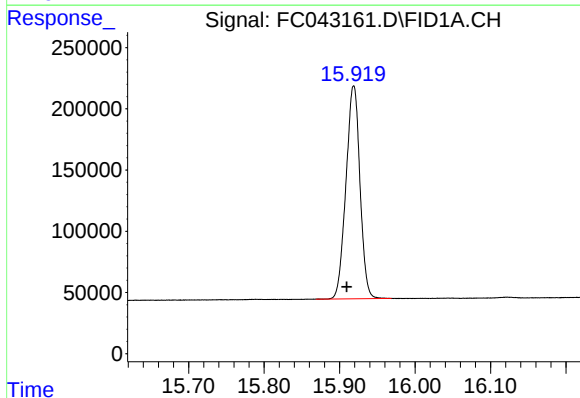
R.T.: 13.805 min
Delta R.T.: 0.008 min
Response: 2340635
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :



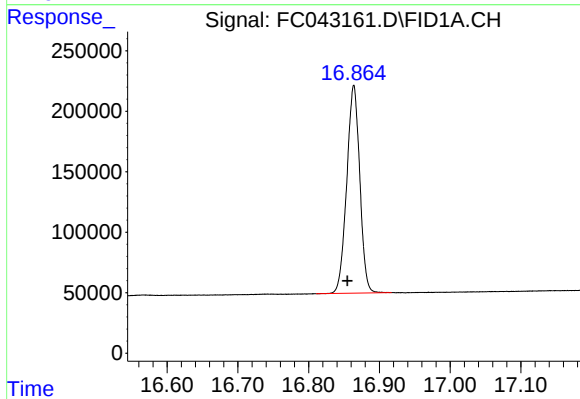
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: 0.007 min
Response: 2283012
Conc: 17.82 ug/ml



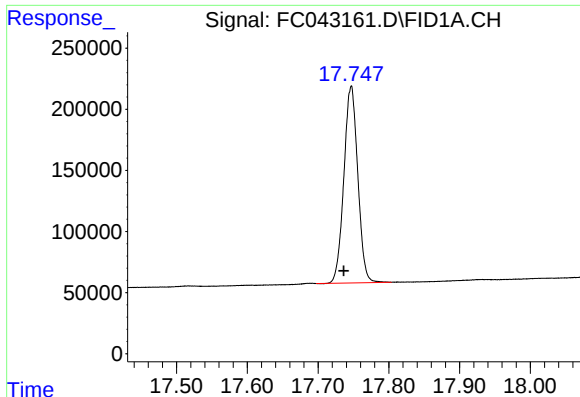
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: 0.009 min
Response: 2242706
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

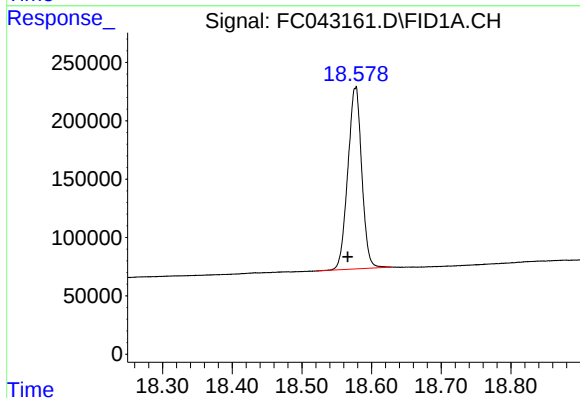
R.T.: 16.864 min
Delta R.T.: 0.009 min
Response: 2199128
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

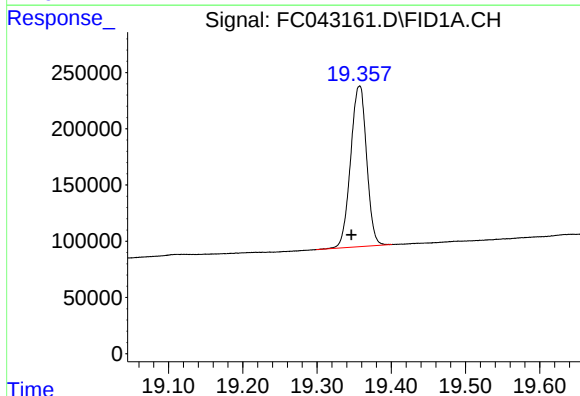
R.T.: 17.747 min
Delta R.T.: 0.010 min
Response: 2198934
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :



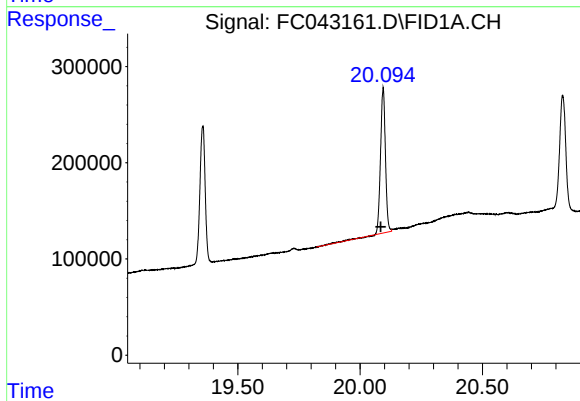
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: 0.011 min
Response: 2161829
Conc: 18.95 ug/ml



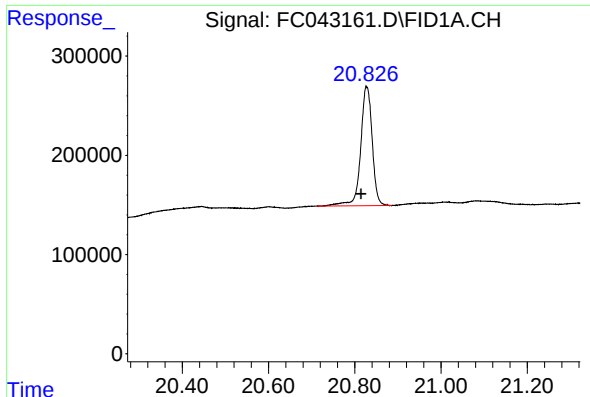
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: 0.011 min
Response: 2137789
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

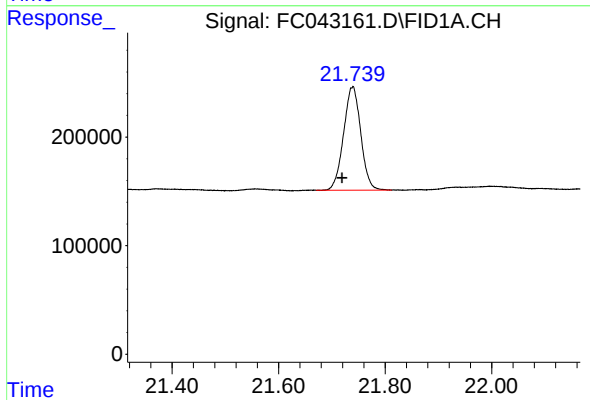
R.T.: 20.094 min
Delta R.T.: 0.010 min
Response: 2120910
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: 0.013 min
Response: 2231994
Conc: 23.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: 0.020 min
Response: 2136737
Conc: 22.12 ug/ml