

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032320AL\
 Data File : FC046469.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2020 9:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 12:29:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 03:33:56 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)	11.755	2362567	21.714 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
12) S 1-chlorooctadecane (S...	13.172	1852310	21.494 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T n-Nonane (C9)	3.540	2113935	22.226 ug/ml
2) T n-Decane (C10)	4.607	2138394	22.424 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2247821	22.590 ug/ml
4) T n-Dodecane (C12)	6.616	2174306	22.428 ug/ml
5) T A~2-methylnaphthalene...	7.256	2284333	22.683 ug/ml
6) T n-Tetradecane (C14)	8.398	2177199	22.325 ug/ml
7) T n-Hexadecane (C16)	9.990	2194758	22.233 ug/ml
8) T n-Octadecane (C18)	11.424	2213026	21.864 ug/ml
10) T n-Eicosane (C20)	12.726	2207818	21.596 ug/ml
11) T n-Heneicosane (C21)	13.335	2215203	21.485 ug/ml
13) T n-Docosane (C22)	13.919	2196151	21.394 ug/ml
14) T n-Tetracosane (C24)	15.017	2188053	21.197 ug/ml
15) T n-Hexacosane (C26)	16.032	2144921	20.906 ug/ml
16) T n-Octacosane (C28)	16.978	2084721	20.484 ug/ml
17) T n-Tricontane (C30)	17.859	1971804	20.126 ug/ml
18) T n-Dotriacontane (C32)	18.689	1646868	19.643 ug/ml
19) T n-Tetratriacontane (C34)	19.467	1398474	19.519 ug/ml
20) T n-Hexatriacontane (C36)	20.202	1308325	18.676 ug/ml
21) T n-Octatriacontane (C38)	20.963	1265374	20.053 ug/ml
22) T n-Tetracontane (C40)	21.921	1299226	18.775 ug/ml

(f)=RT Delta > 1/2 Window

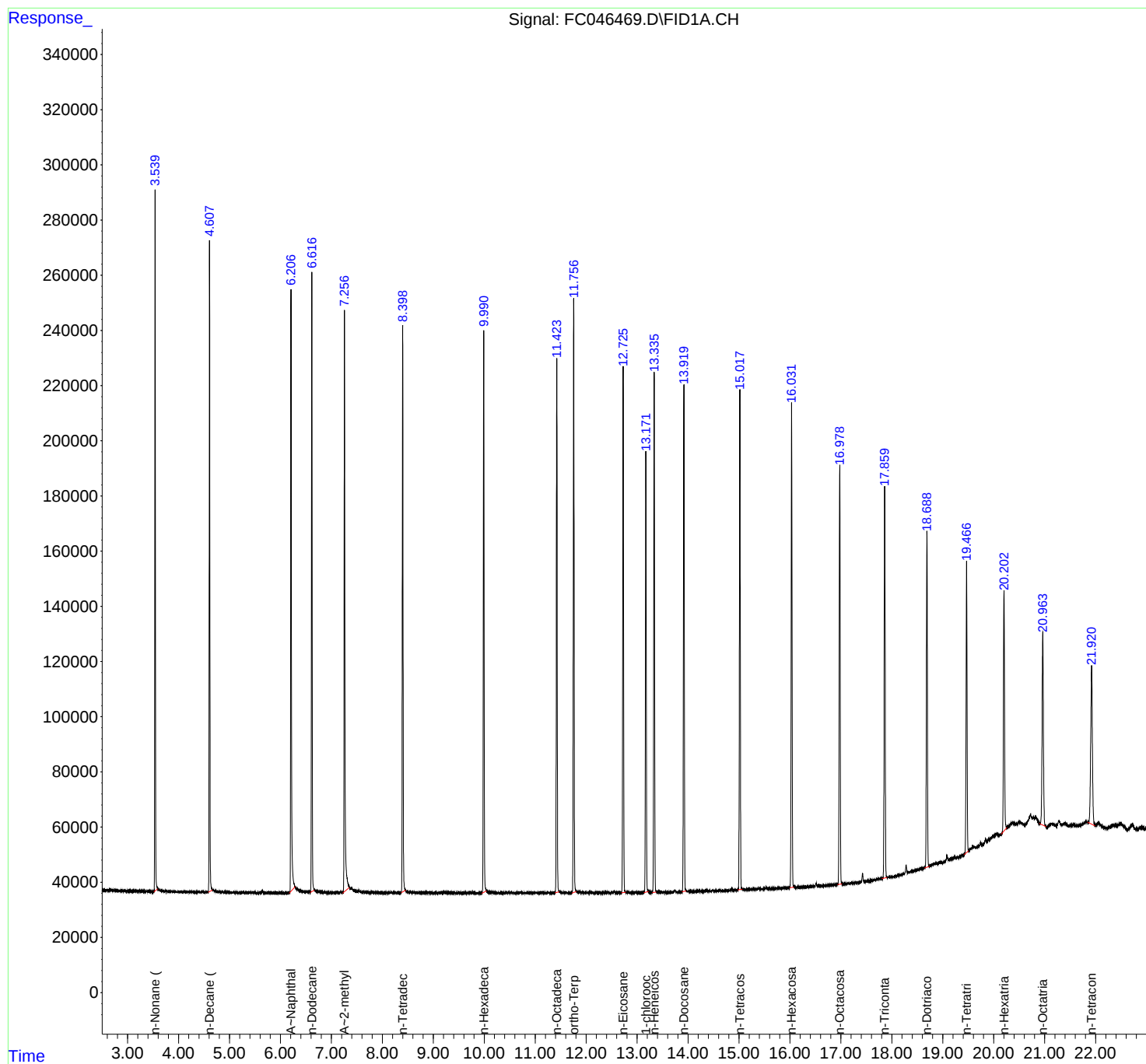
(m)=manual int.

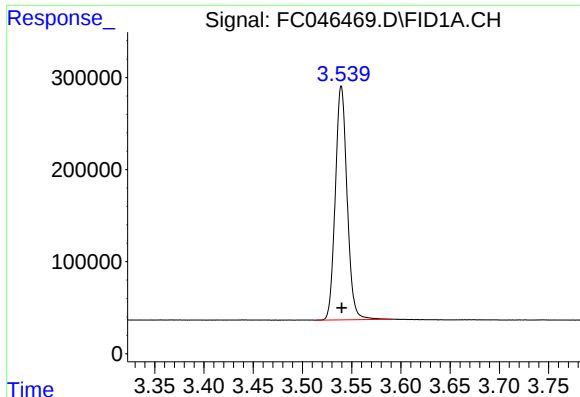
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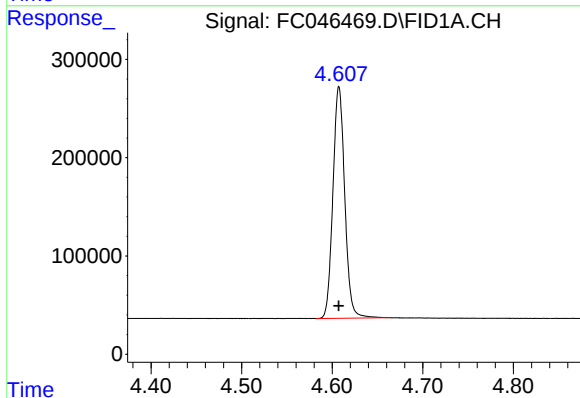




#1 n-Nonane (C9)

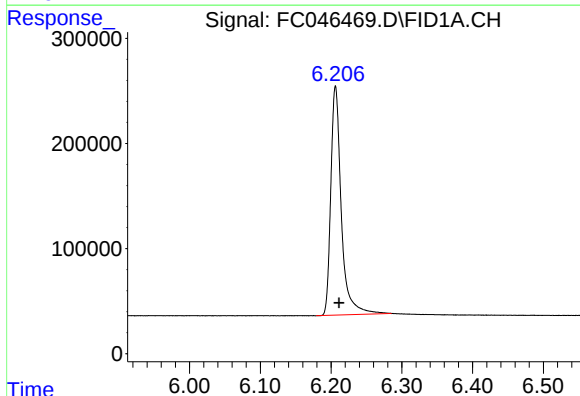
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 2113935
Conc: 22.23 ug/ml

Instrument :
FID_C
ClientSampleId :



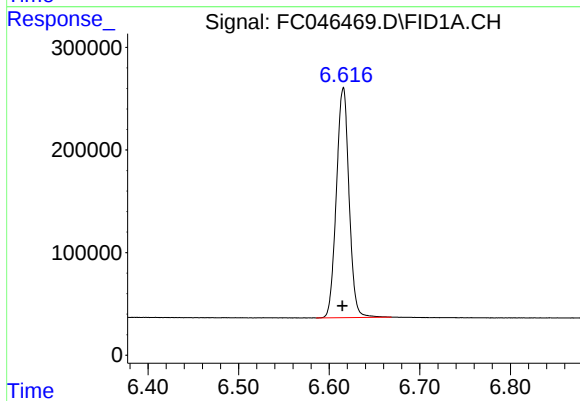
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2138394
Conc: 22.42 ug/ml



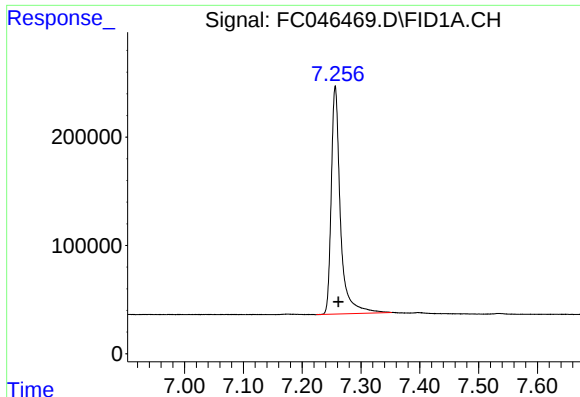
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2247821
Conc: 22.59 ug/ml



#4 n-Dodecane (C12)

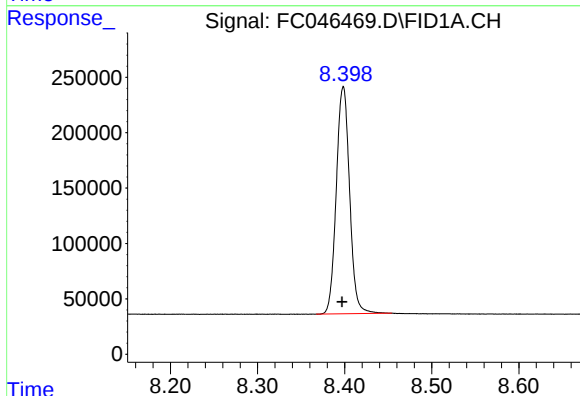
R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 2174306
Conc: 22.43 ug/ml



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

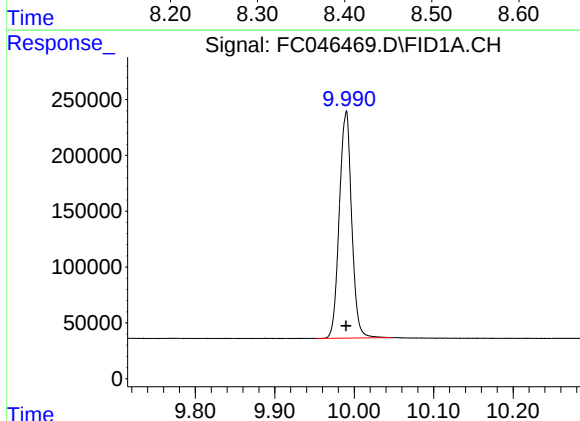
R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 2284333
Conc: 22.68 ug/ml

Instrument :
FID_C
ClientSampleId :



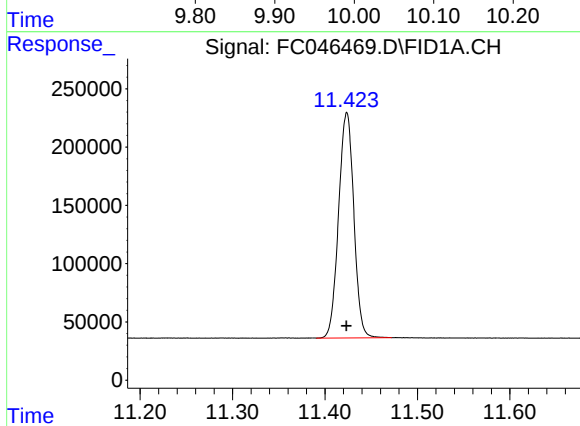
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 2177199
Conc: 22.33 ug/ml



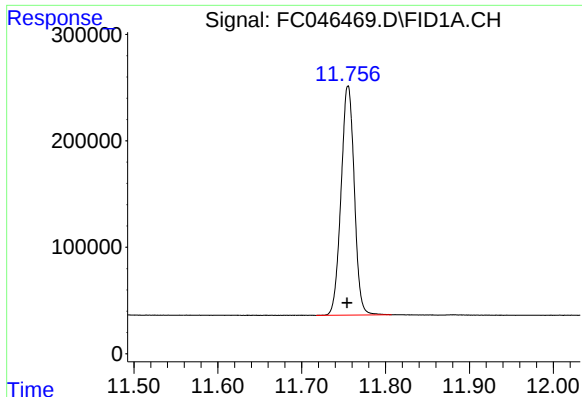
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.000 min
Response: 2194758
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

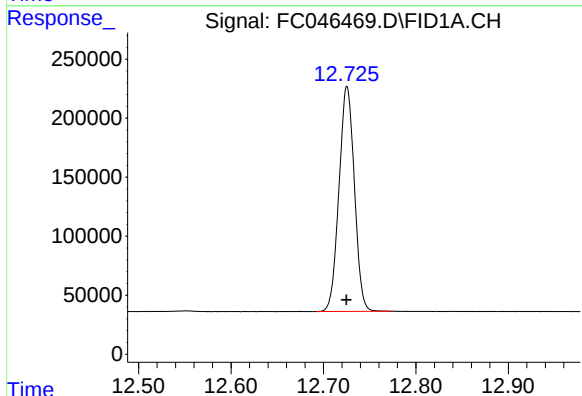
R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 2213026
Conc: 21.86 ug/ml



#9 ortho-Terphenyl (SURR)

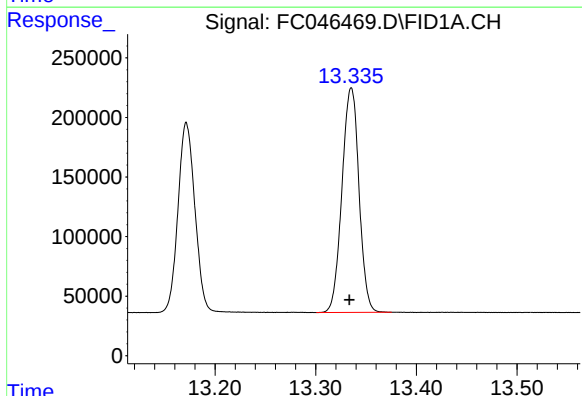
R.T.: 11.755 min
Delta R.T.: 0.000 min
Response: 2362567
Conc: 21.71 ug/ml

Instrument :
FID_C
ClientSampleId :



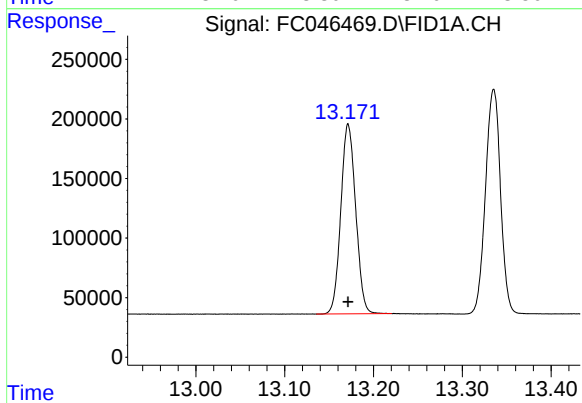
#10 n-Eicosane (C20)

R.T.: 12.726 min
Delta R.T.: 0.000 min
Response: 2207818
Conc: 21.60 ug/ml



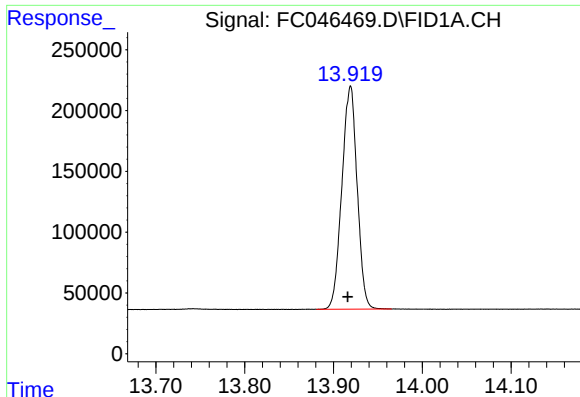
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: 0.002 min
Response: 2215203
Conc: 21.48 ug/ml



#12 1-chlorooctadecane (SURR)

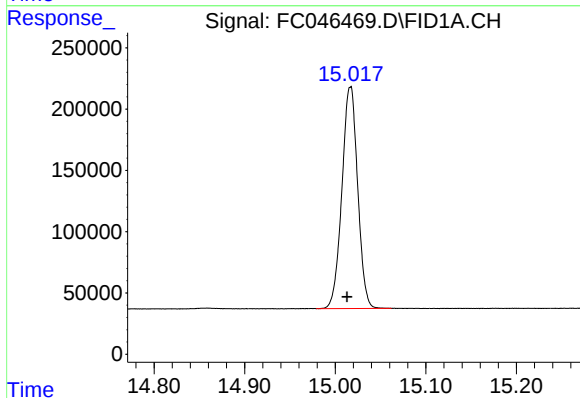
R.T.: 13.172 min
Delta R.T.: 0.000 min
Response: 1852310
Conc: 21.49 ug/ml



#13 n-Docosane (C22)

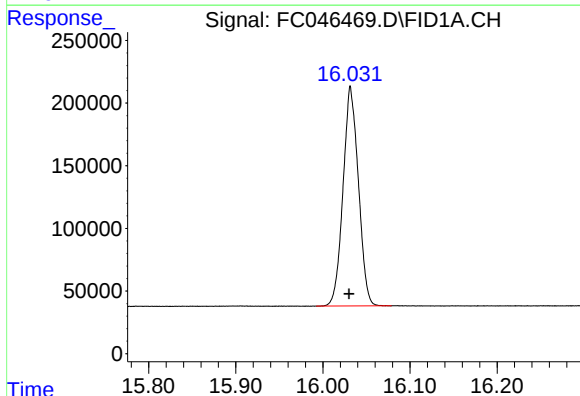
R.T.: 13.919 min
Delta R.T.: 0.003 min
Response: 2196151
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :



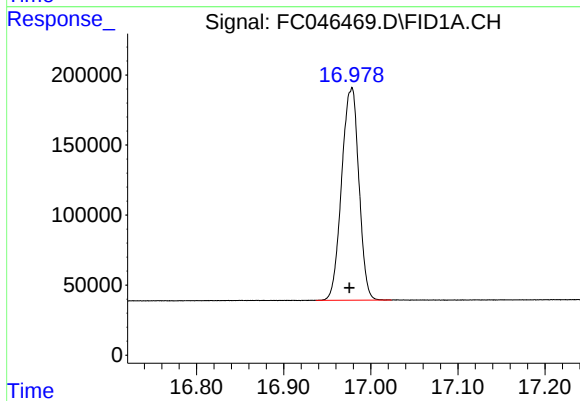
#14 n-Tetracosane (C24)

R.T.: 15.017 min
Delta R.T.: 0.004 min
Response: 2188053
Conc: 21.20 ug/ml



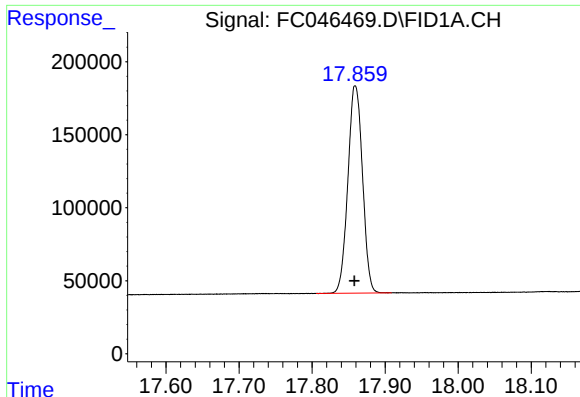
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.002 min
Response: 2144921
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

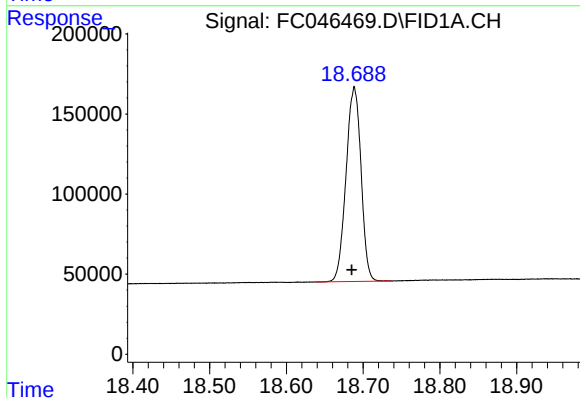
R.T.: 16.978 min
Delta R.T.: 0.002 min
Response: 2084721
Conc: 20.48 ug/ml



#17 n-Tricontane (C30)

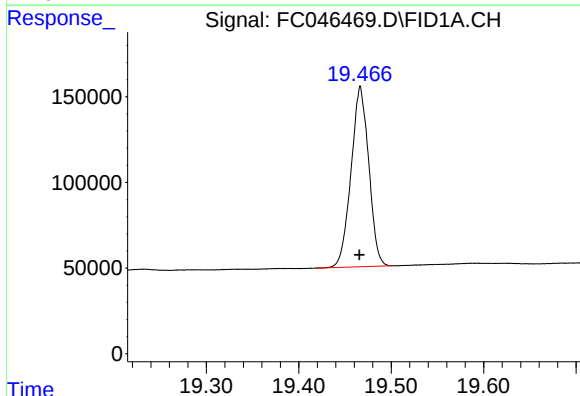
R.T.: 17.859 min
Delta R.T.: 0.001 min
Response: 1971804
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :



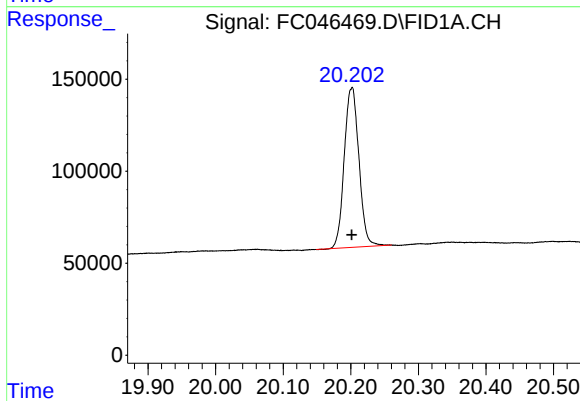
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: 0.003 min
Response: 1646868
Conc: 19.64 ug/ml



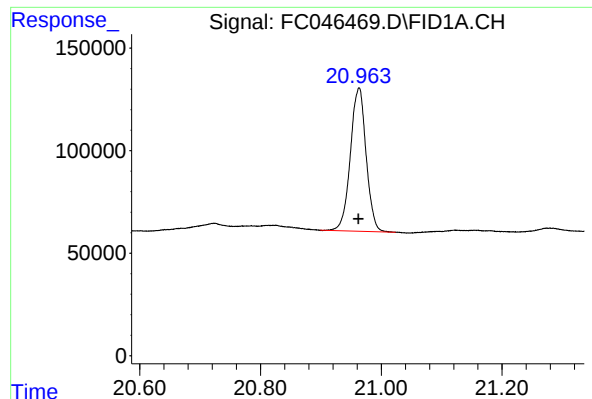
#19 n-Tetratriacontane (C34)

R.T.: 19.467 min
Delta R.T.: 0.000 min
Response: 1398474
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

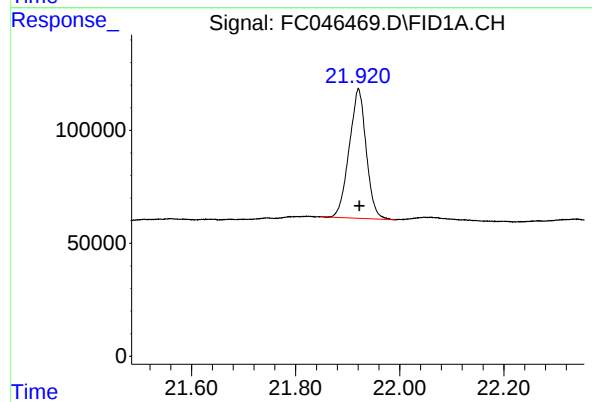
R.T.: 20.202 min
Delta R.T.: 0.000 min
Response: 1308325
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: 0.000 min
Response: 1265374
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: -0.002 min
Response: 1299226
Conc: 18.78 ug/ml