

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022219AL\
 Data File : FC039363.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2019 18:35
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 23 02:37:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 23 02:09:53 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)	11.178	3306936	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	12.620	2482079	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.044	2307781	19.228 ug/ml
2) T n-Decane (C10)	4.092	2324077	19.291 ug/ml
3) T A-Naphthalene (C11.7)	5.645	2521106	19.374 ug/ml
4) T n-Dodecane (C12)	6.090	2393629	19.374 ug/ml
5) T A~2-methylnaphthalene...	6.692	2453752	18.921 ug/ml
6) T n-Tetradecane (C14)	7.868	2479033	19.464 ug/ml
7) T n-Hexadecane (C16)	9.455	2551578	19.690 ug/ml
8) T n-Octadecane (C18)	10.885	2620943	19.483 ug/ml
10) T n-Eicosane (C20)	12.184	2558007	19.617 ug/ml
11) T n-Heneicosane (C21)	12.792	2491736	19.648 ug/ml
13) T n-Docosane (C22)	13.374	2461227	19.539 ug/ml
14) T n-Tetracosane (C24)	14.470	2421698	19.376 ug/ml
15) T n-Hexacosane (C26)	15.485	2389604	19.158 ug/ml
16) T n-Octacosane (C28)	16.429	2450017	18.331 ug/ml
17) T n-Tricontane (C30)	17.311	2548872	17.368 ug/ml
18) T n-Dotriacontane (C32)	18.139	2430526	18.081 ug/ml
19) T n-Tetratriacontane (C34)	18.920	2125633	18.748 ug/ml
20) T n-Hexatriacontane (C36)	19.654	1880078	19.468 ug/ml
21) T n-Octatriacontane (C38)	20.351	1766520	19.375 ug/ml
22) T n-Tetracontane (C40)	21.119	1735935	19.128 ug/ml

(f)=RT Delta > 1/2 Window

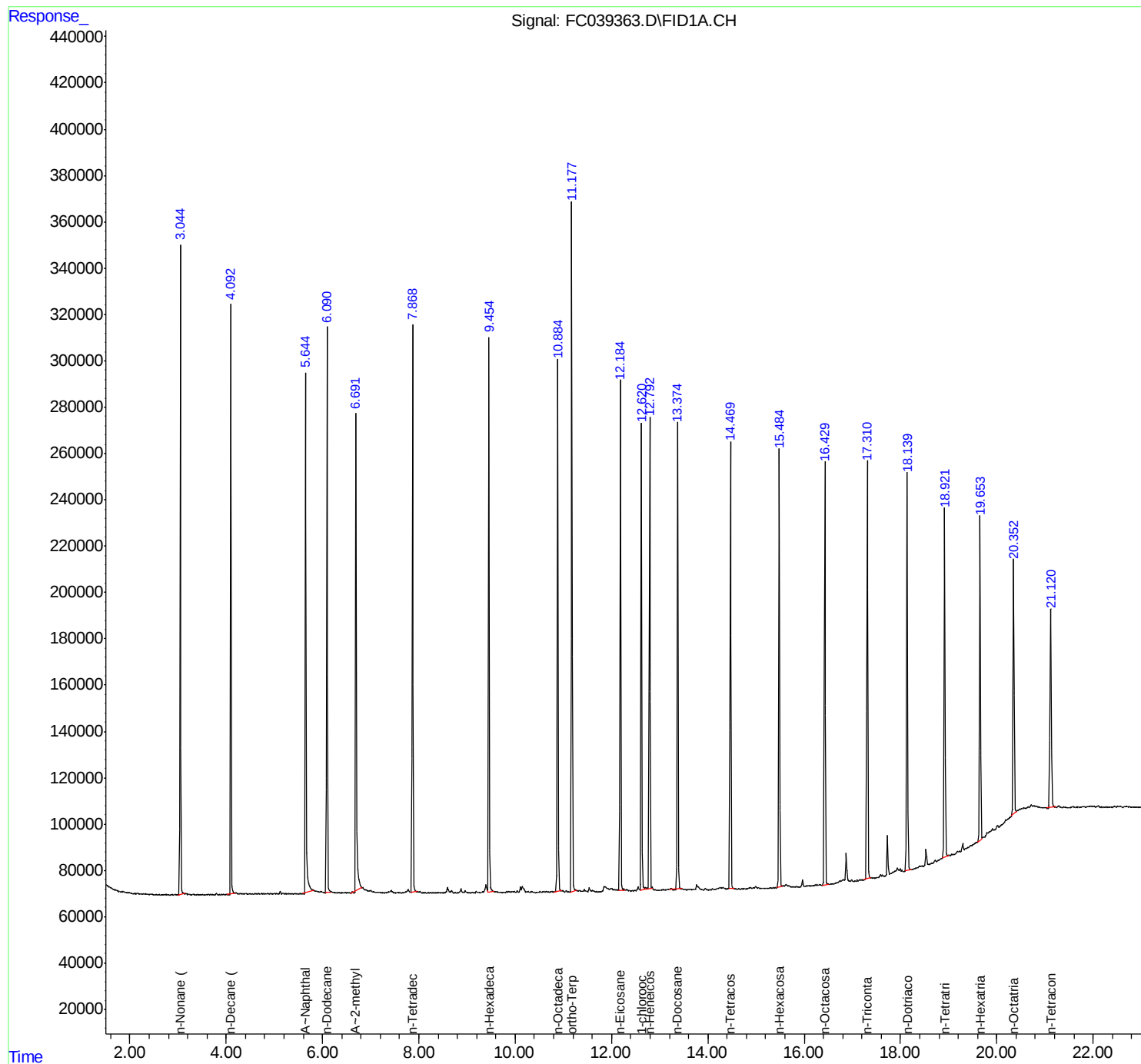
(m)=manual int.

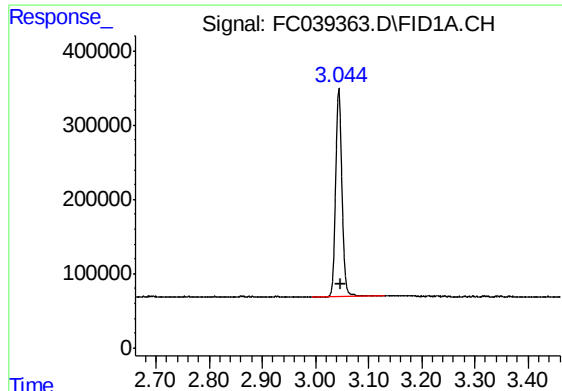
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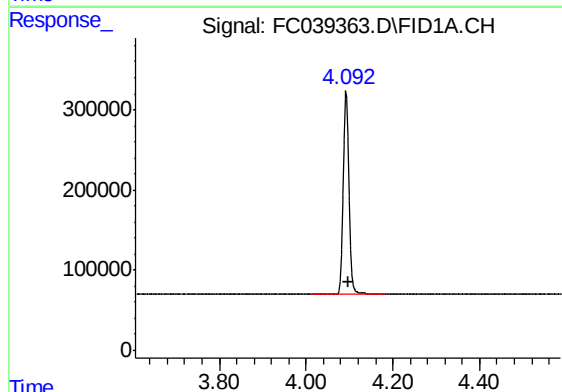




#1 n-Nonane (C9)

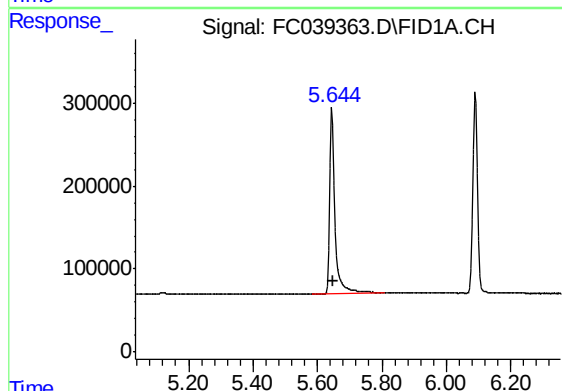
R.T.: 3.044 min
Delta R.T.: -0.003 min
Response: 2307781
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



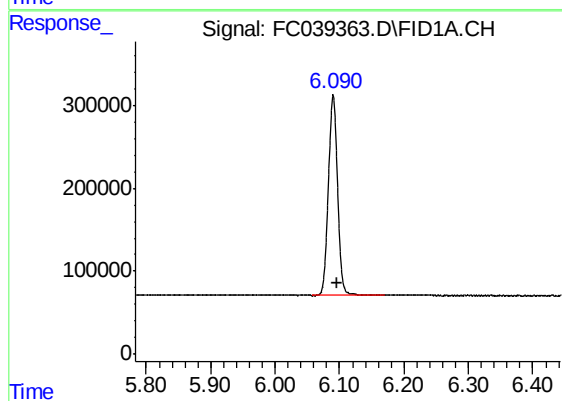
#2 n-Decane (C10)

R.T.: 4.092 min
Delta R.T.: -0.005 min
Response: 2324077
Conc: 19.29 ug/ml



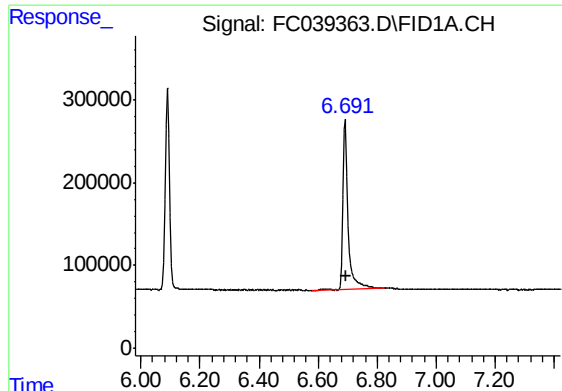
#3 A~Naphthalene (C11.7)

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 2521106
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

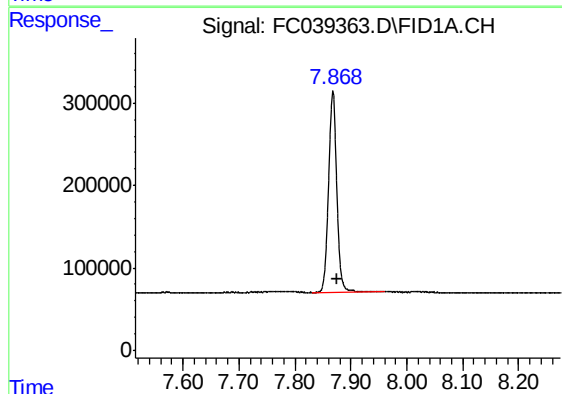
R.T.: 6.090 min
Delta R.T.: -0.006 min
Response: 2393629
Conc: 19.37 ug/ml



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

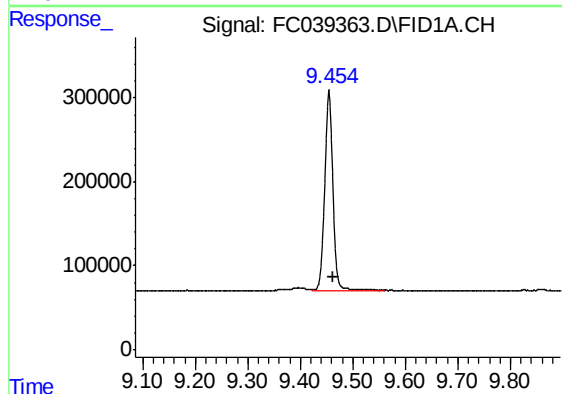
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 2453752
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



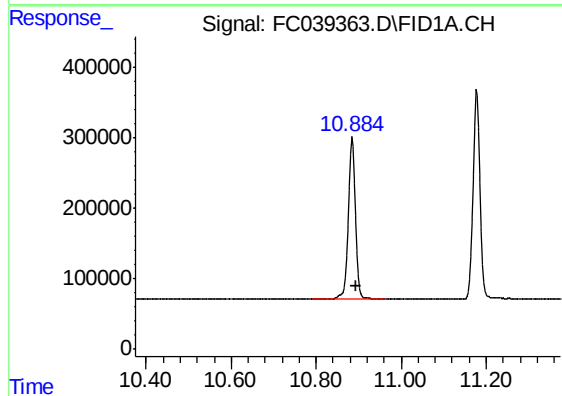
#6 n-Tetradecane (C14)

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 2479033
Conc: 19.46 ug/ml



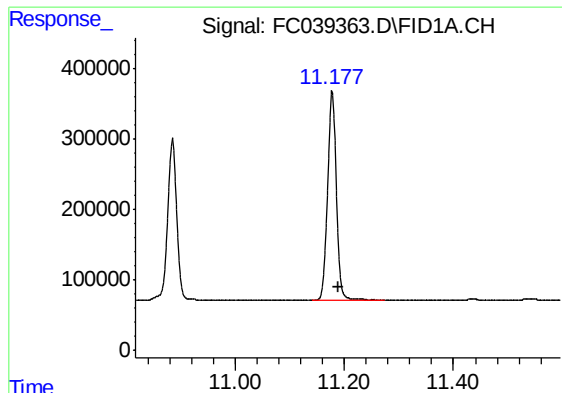
#7 n-Hexadecane (C16)

R.T.: 9.455 min
Delta R.T.: -0.008 min
Response: 2551578
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

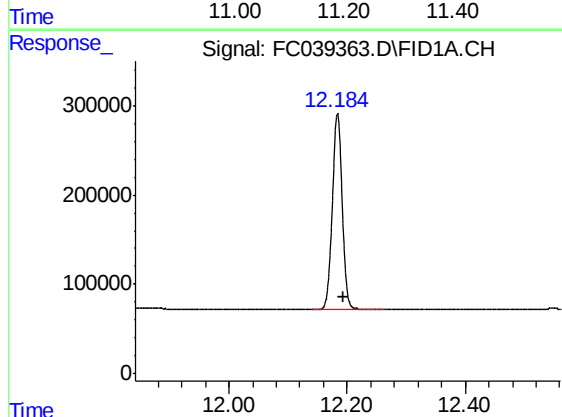
R.T.: 10.885 min
Delta R.T.: -0.011 min
Response: 2620943
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

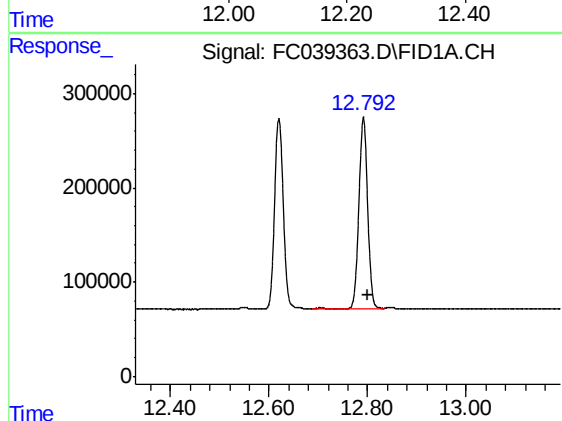
R.T.: 11.178 min
Delta R.T.: -0.012 min
Response: 3306936
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



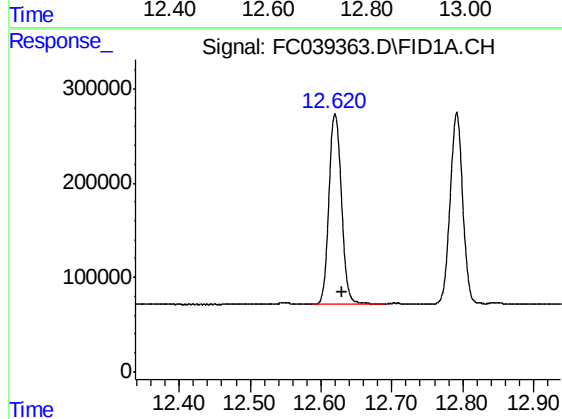
#10 n-Eicosane (C20)

R.T.: 12.184 min
Delta R.T.: -0.010 min
Response: 2558007
Conc: 19.62 ug/ml



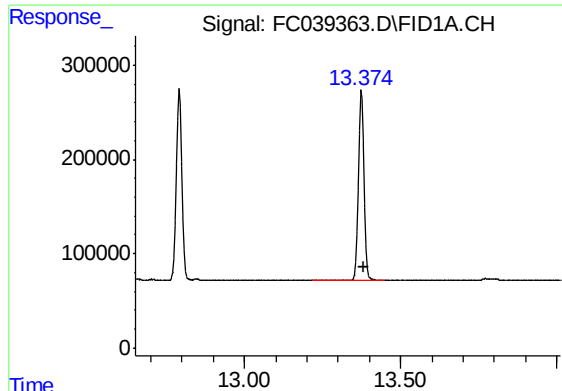
#11 n-Heneicosane (C21)

R.T.: 12.792 min
Delta R.T.: -0.009 min
Response: 2491736
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

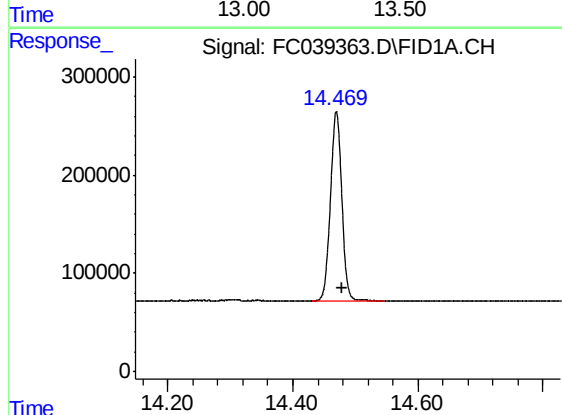
R.T.: 12.620 min
Delta R.T.: -0.011 min
Response: 2482079
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

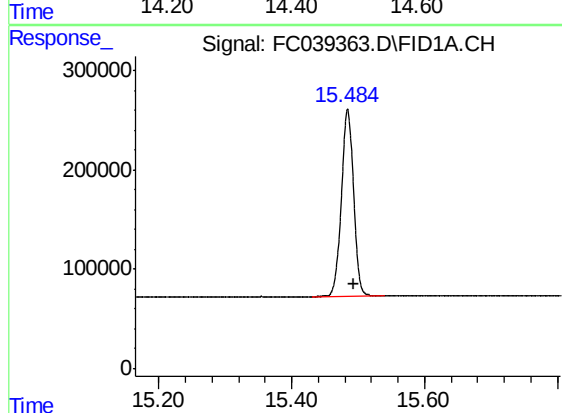
R.T.: 13.374 min
Delta R.T.: -0.010 min
Response: 2461227
Conc: 19.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



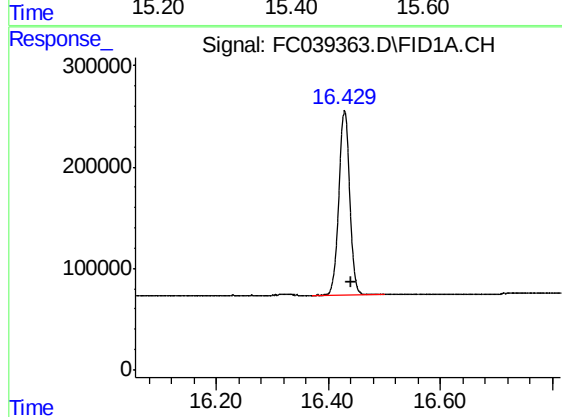
#14 n-Tetracosane (C24)

R.T.: 14.470 min
Delta R.T.: -0.010 min
Response: 2421698
Conc: 19.38 ug/ml



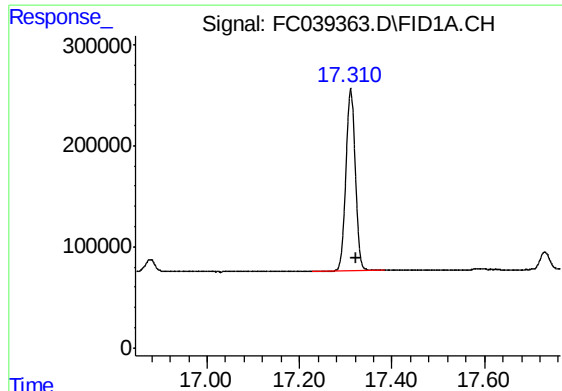
#15 n-Hexacosane (C26)

R.T.: 15.485 min
Delta R.T.: -0.010 min
Response: 2389604
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

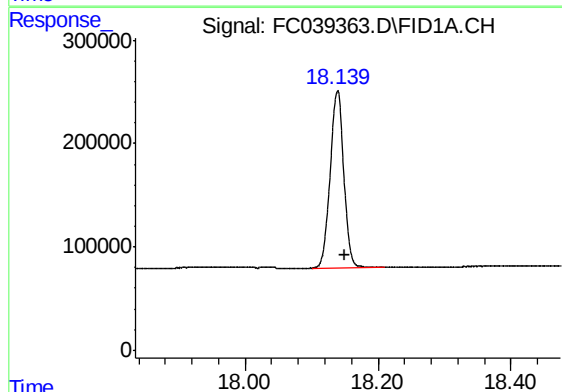
R.T.: 16.429 min
Delta R.T.: -0.011 min
Response: 2450017
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

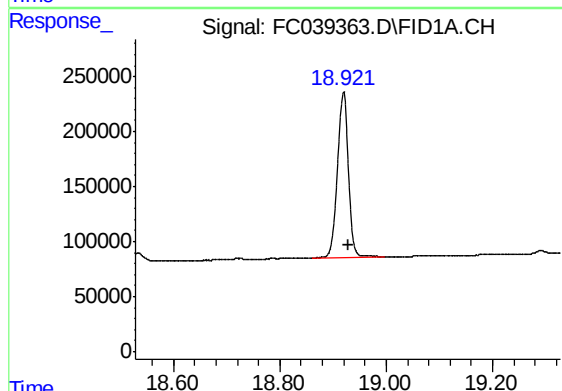
R.T.: 17.311 min
Delta R.T.: -0.012 min
Response: 2548872
Conc: 17.37 ug/ml

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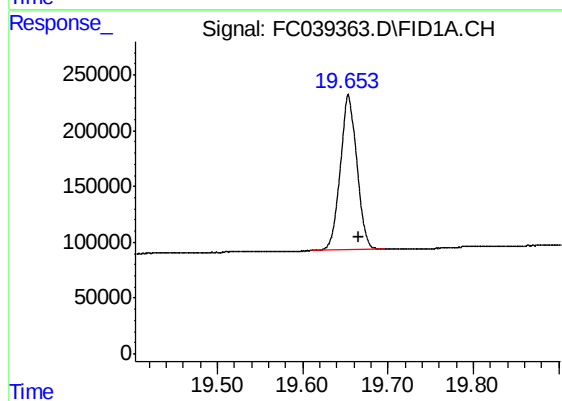
#18 n-Dotriacontane (C32)

R.T.: 18.139 min
Delta R.T.: -0.010 min
Response: 2430526
Conc: 18.08 ug/ml



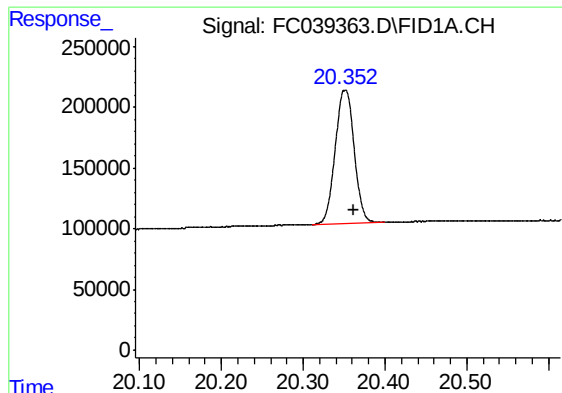
#19 n-Tetatriacontane (C34)

R.T.: 18.920 min
Delta R.T.: -0.010 min
Response: 2125633
Conc: 18.75 ug/ml



#20 n-Hexatriacontane (C36)

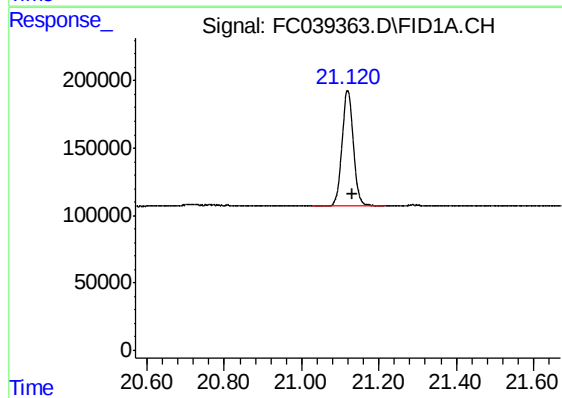
R.T.: 19.654 min
Delta R.T.: -0.011 min
Response: 1880078
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.351 min
Delta R.T.: -0.010 min
Response: 1766520
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.119 min
Delta R.T.: -0.012 min
Response: 1735935
Conc: 19.13 ug/ml