

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061522AL\
 Data File : FC060283.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2022 5:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 16 06:04:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.648	2741495	17.616 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	12.017	2161113	17.430 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
Target Compounds			
1) T n-Nonane (C9)	2.622	2499177	19.527 ug/ml
2) T n-Decane (C10)	3.622	2498636	19.531 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2781653	19.245 ug/ml
4) T n-Dodecane (C12)	5.576	2609578	19.576 ug/ml
5) T A~2-methylnaphthalene...	6.186	2796993	19.057 ug/ml
6) T n-Tetradecane (C14)	7.328	2638056	19.324 ug/ml
7) T n-Hexadecane (C16)	8.893	2647065	18.866 ug/ml
8) T n-Octadecane (C18)	10.301	2634853	18.412 ug/ml
10) T n-Eicosane (C20)	11.581	2545301	17.840 ug/ml
11) T n-Heneicosane (C21)	12.180	2511014	17.518 ug/ml
13) T n-Docosane (C22)	12.753	2463933	17.291 ug/ml
14) T n-Tetracosane (C24)	13.832	2356249	16.791 ug/ml
15) T n-Hexacosane (C26)	14.830	2260268	16.691 ug/ml
16) T n-Octacosane (C28)	15.760	2202866	16.914 ug/ml
17) T n-Tricontane (C30)	16.627	2174973	17.766 ug/ml
18) T n-Dotriacontane (C32)	17.440	2112474	18.947 ug/ml
19) T n-Tetratriacontane (C34)	18.206	1990829	19.519 ug/ml
20) T n-Hexatriacontane (C36)	18.928	1918809	20.262 ug/ml
21) T n-Octatriacontane (C38)	19.611	1902853	20.624 ug/ml
22) T n-Tetracontane (C40)	20.260	1912633	20.329 ug/ml

(f)=RT Delta > 1/2 Window

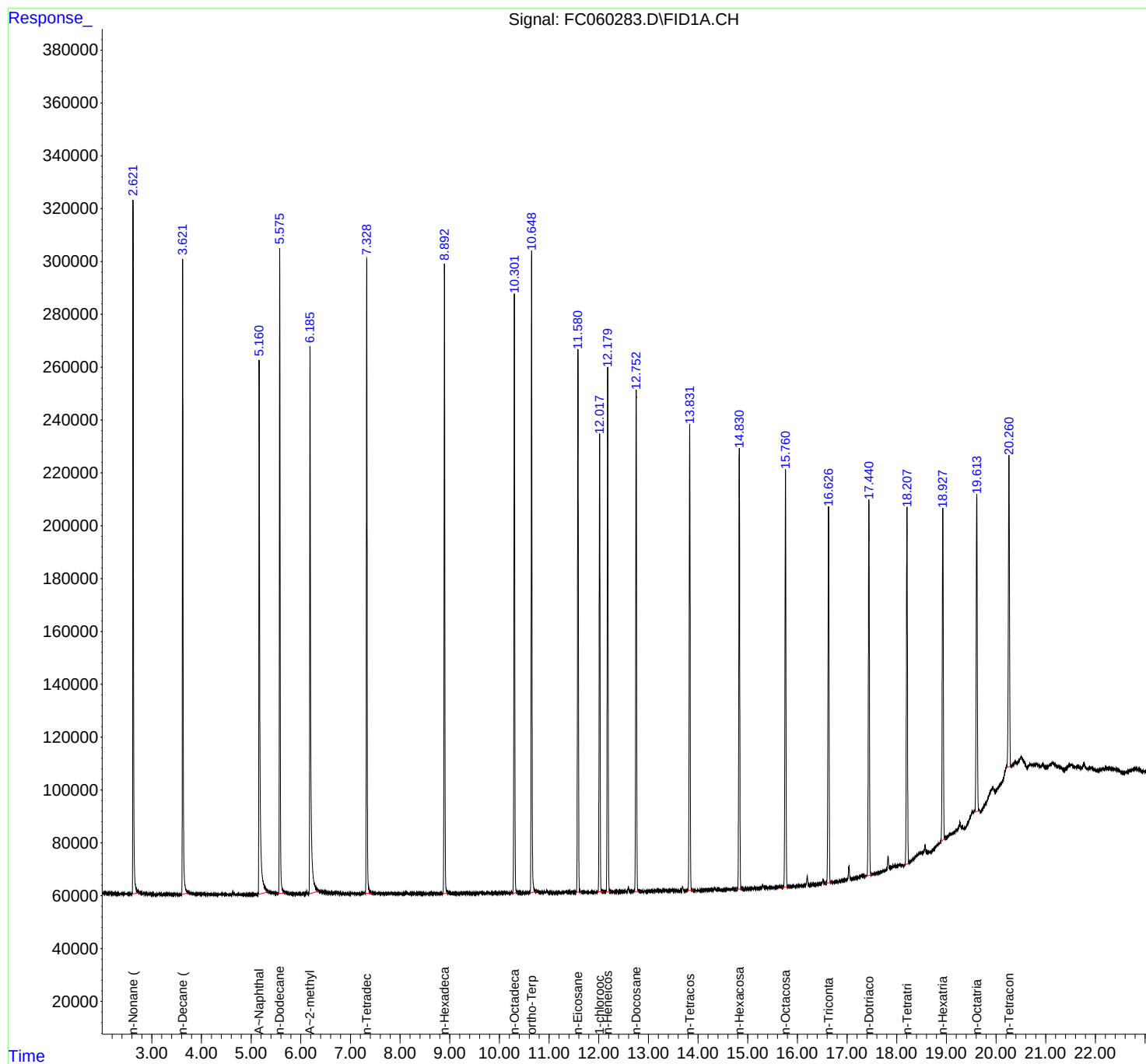
(m)=manual int.

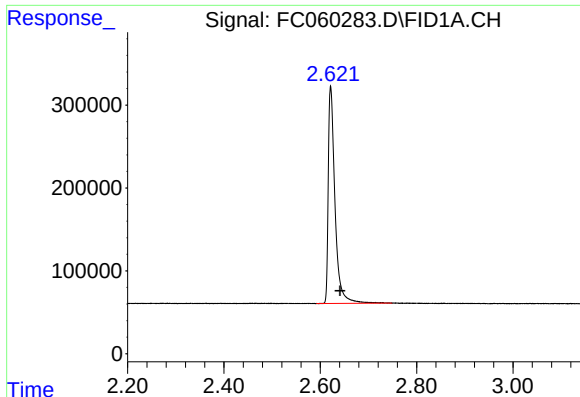
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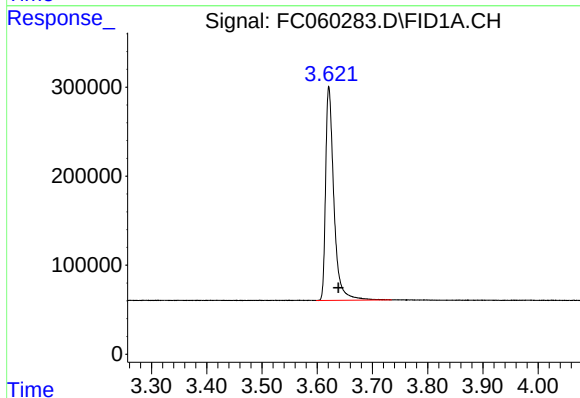




#1 n-Nonane (C9)

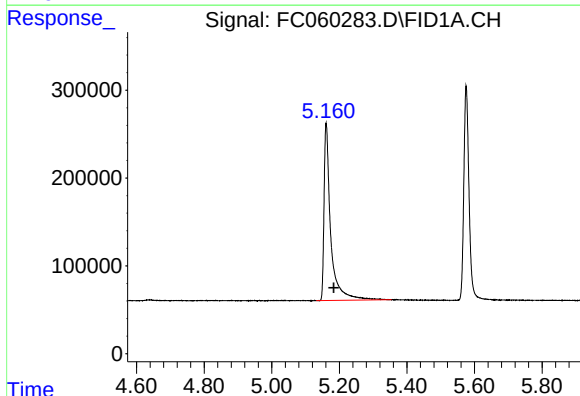
R.T.: 2.622 min
Delta R.T.: -0.019 min
Response: 2499177
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :



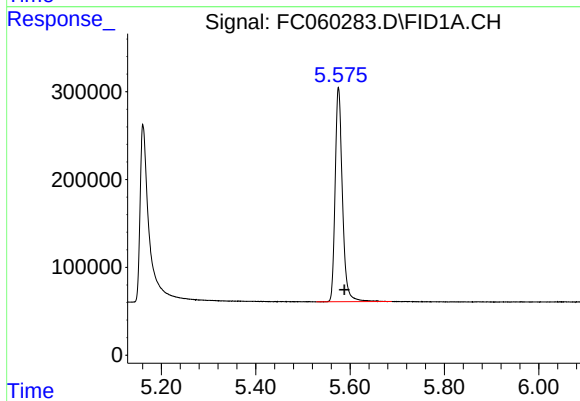
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.017 min
Response: 2498636
Conc: 19.53 ug/ml



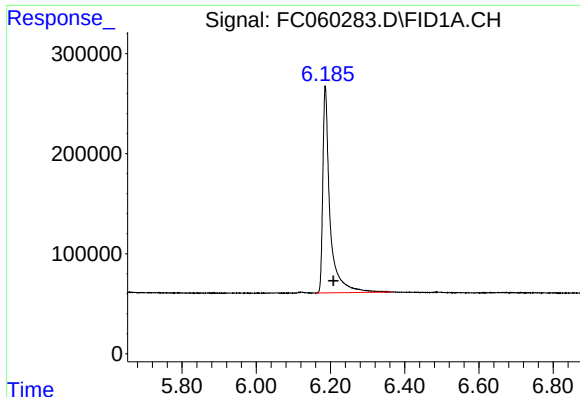
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2781653
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

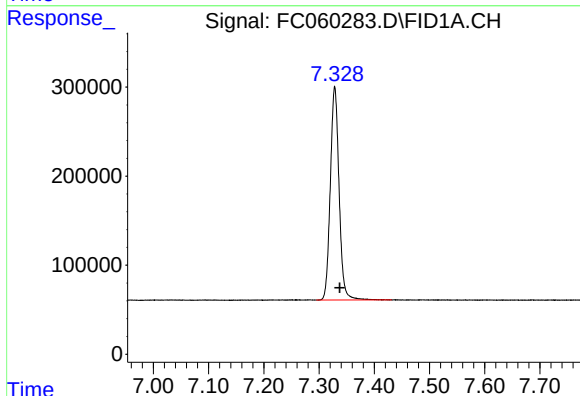
R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 2609578
Conc: 19.58 ug/ml



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

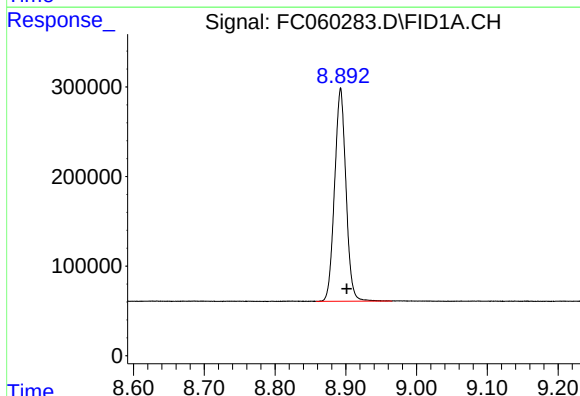
R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 2796993
Conc: 19.06 ug/ml

Instrument :
FID_C
ClientSampleId :



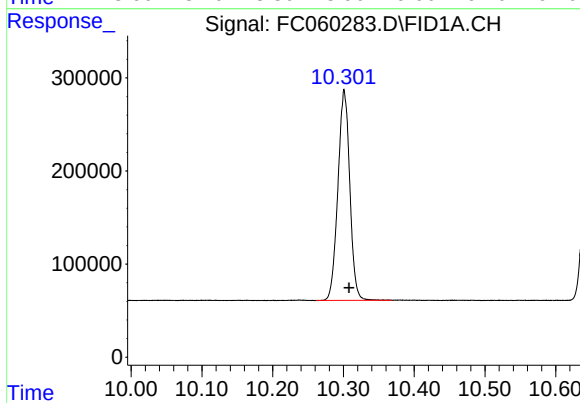
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2638056
Conc: 19.32 ug/ml



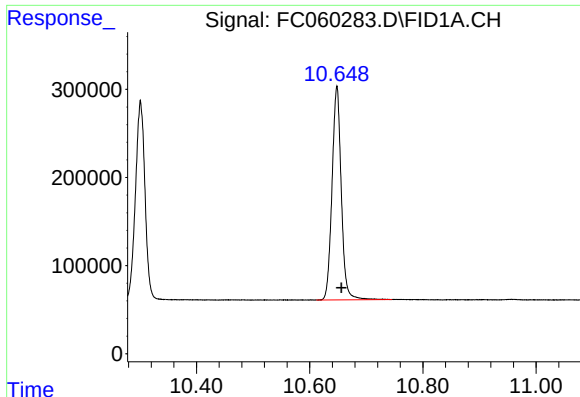
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.009 min
Response: 2647065
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

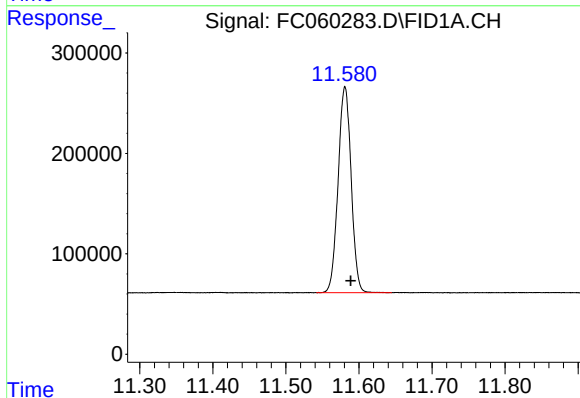
R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2634853
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

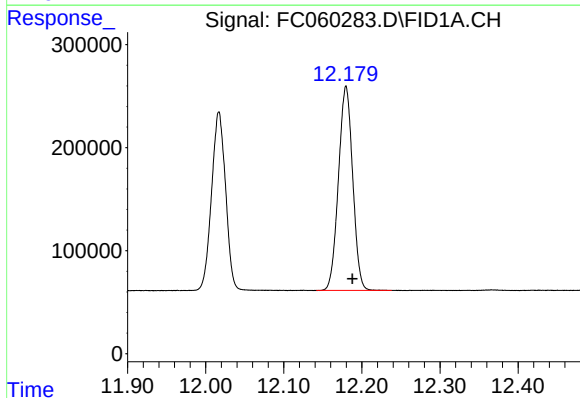
R.T.: 10.648 min
Delta R.T.: -0.008 min
Response: 2741495
Conc: 17.62 ug/ml

Instrument :
FID_C
ClientSampleId :



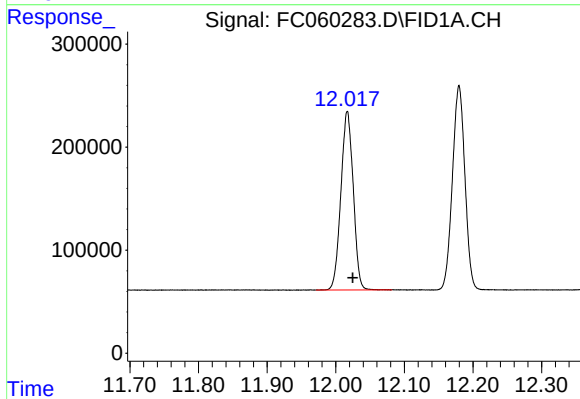
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2545301
Conc: 17.84 ug/ml



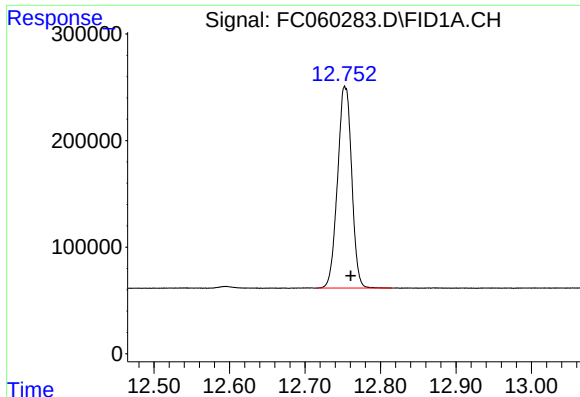
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.008 min
Response: 2511014
Conc: 17.52 ug/ml



#12 1-chlorooctadecane (SURR)

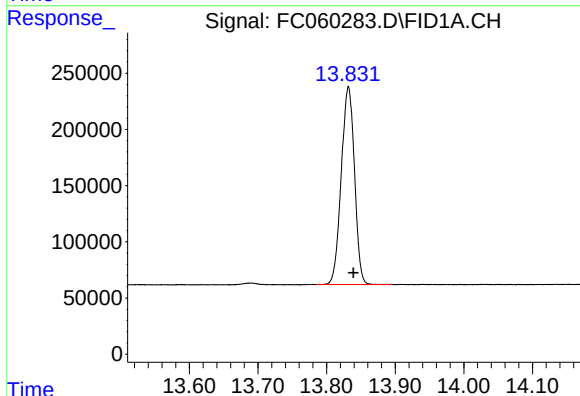
R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 2161113
Conc: 17.43 ug/ml



#13 n-Docosane (C22)

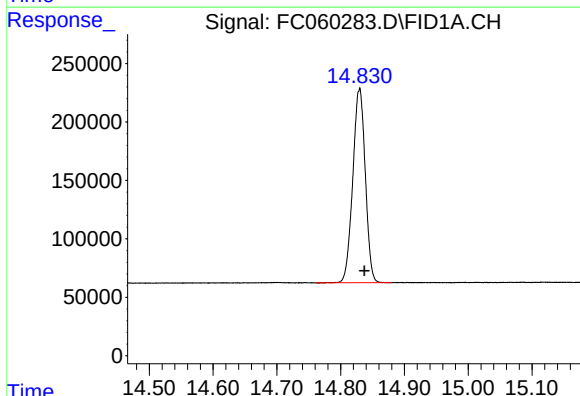
R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 2463933
Conc: 17.29 ug/ml

Instrument :
FID_C
ClientSampleId :



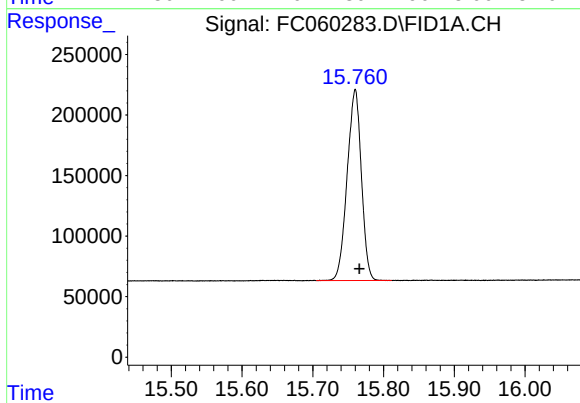
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2356249
Conc: 16.79 ug/ml



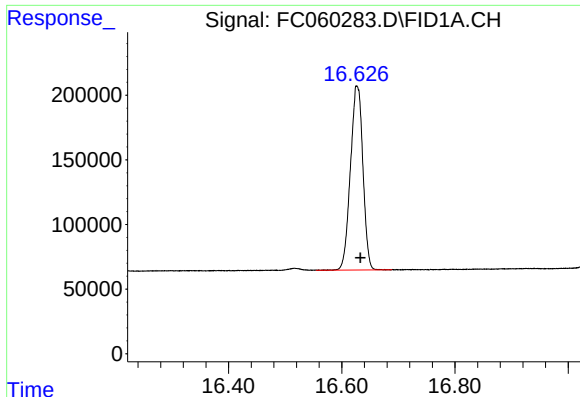
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.008 min
Response: 2260268
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

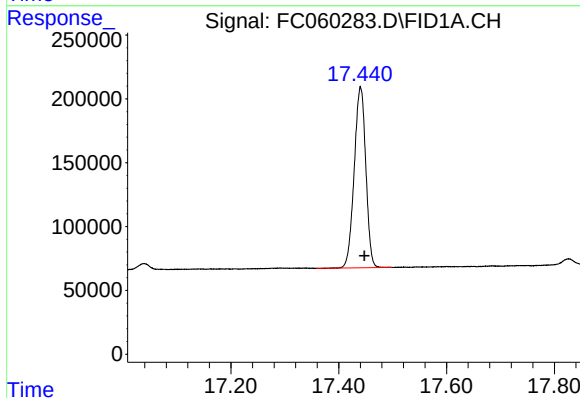
R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2202866
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

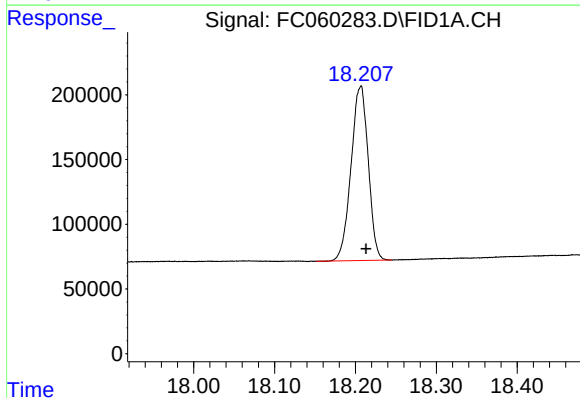
R.T.: 16.627 min
Delta R.T.: -0.006 min
Response: 2174973
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :



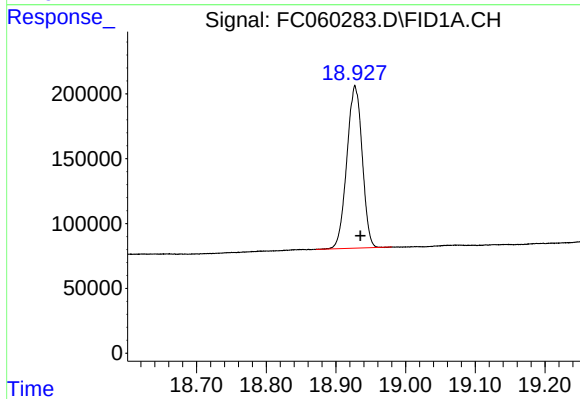
#18 n-Dotriacontane (C32)

R.T.: 17.440 min
Delta R.T.: -0.007 min
Response: 2112474
Conc: 18.95 ug/ml



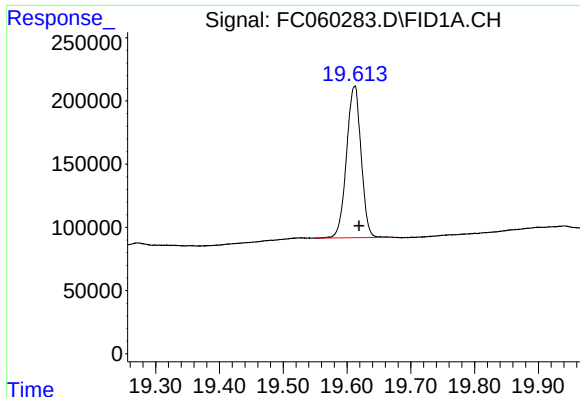
#19 n-Tetratriacontane (C34)

R.T.: 18.206 min
Delta R.T.: -0.007 min
Response: 1990829
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

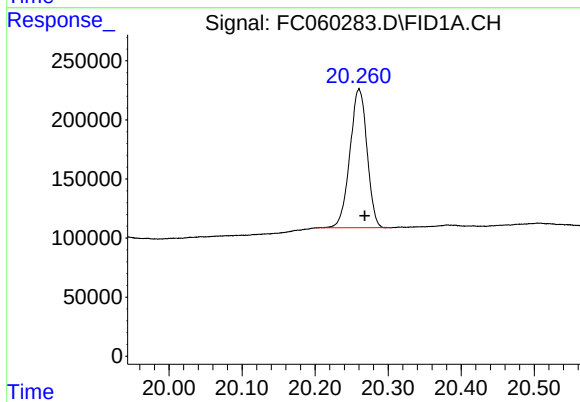
R.T.: 18.928 min
Delta R.T.: -0.007 min
Response: 1918809
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 1902853
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.008 min
Response: 1912633
Conc: 20.33 ug/ml