

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013123AL\
 Data File : FC062833.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2023 02:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 01 03:21:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.538	2591303	20.839 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
12) S 1-chlorooctadecane (S...	12.976	1959307	20.773 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.299	2254315	20.859 ug/ml
2) T n-Decane (C10)	4.366	2195372	21.130 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2505882	21.188 ug/ml
4) T n-Dodecane (C12)	6.387	2181363	21.102 ug/ml
5) T A~2-methylnaphthalene...	7.007	2373188	21.690 ug/ml
6) T n-Tetradecane (C14)	8.182	2243645	21.870 ug/ml
7) T n-Hexadecane (C16)	9.784	2282697	21.098 ug/ml
8) T n-Octadecane (C18)	11.225	2321358	20.939 ug/ml
10) T n-Eicosane (C20)	12.534	2262828	20.754 ug/ml
11) T n-Heneicosane (C21)	13.144	2262330	20.785 ug/ml
13) T n-Docosane (C22)	13.730	2238581	20.779 ug/ml
14) T n-Tetracosane (C24)	14.831	2242039	20.935 ug/ml
15) T n-Hexacosane (C26)	15.849	2218919	21.056 ug/ml
16) T n-Octacosane (C28)	16.799	2215076	21.199 ug/ml
17) T n-Tricontane (C30)	17.684	2227764	21.335 ug/ml
18) T n-Dotriacontane (C32)	18.515	2249604	20.827 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2198219	20.913 ug/ml
20) T n-Hexatriacontane (C36)	20.035	2097473	20.828 ug/ml
21) T n-Octatriacontane (C38)	20.762	2087318	20.790 ug/ml
22) T n-Tetracontane (C40)	21.662	2080706	21.587 ug/ml

(f)=RT Delta > 1/2 Window

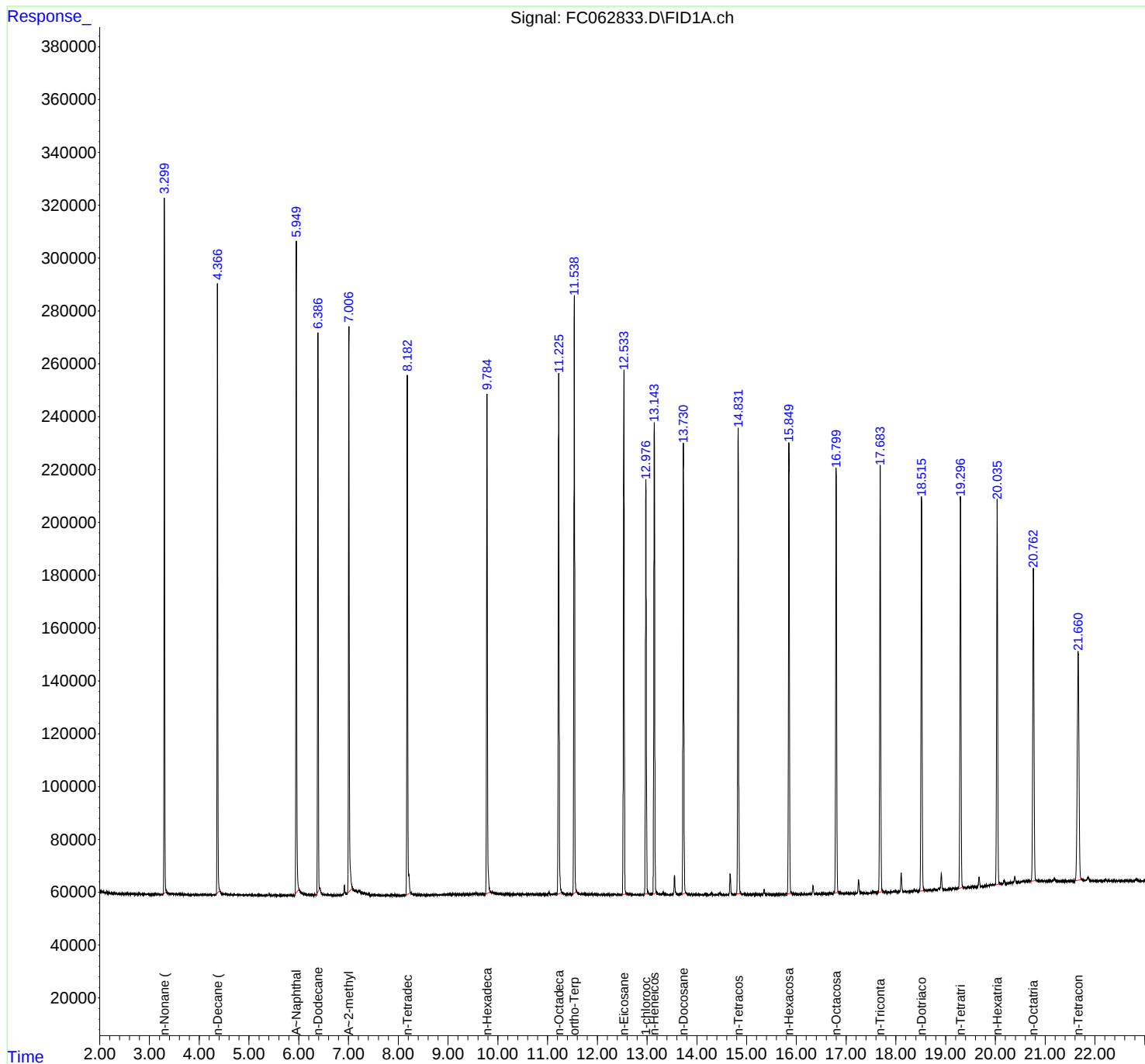
(m)=manual int.

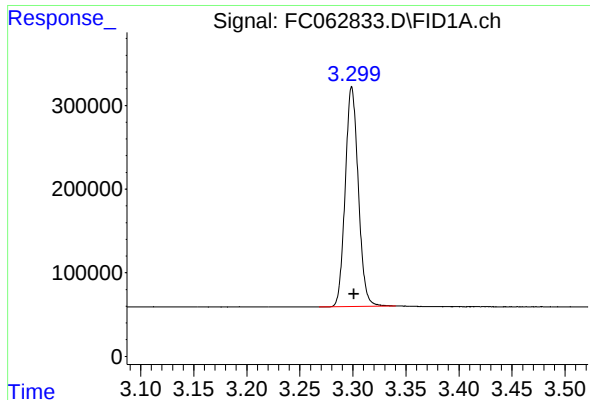
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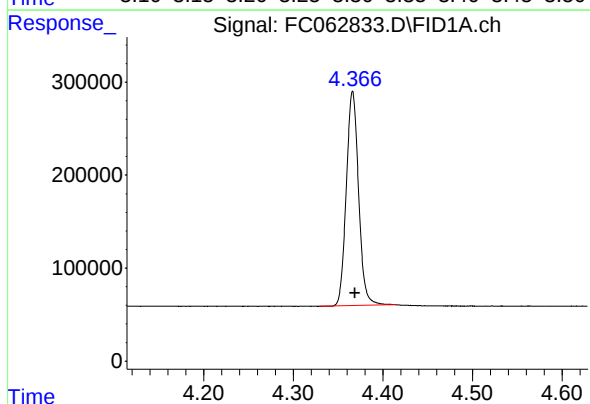




#1 n-Nonane (C9)

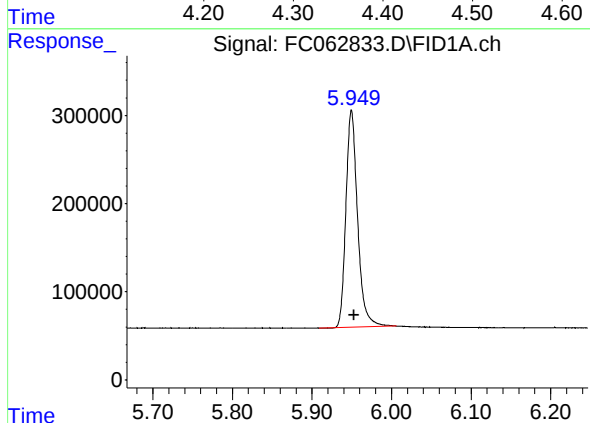
R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 2254315
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



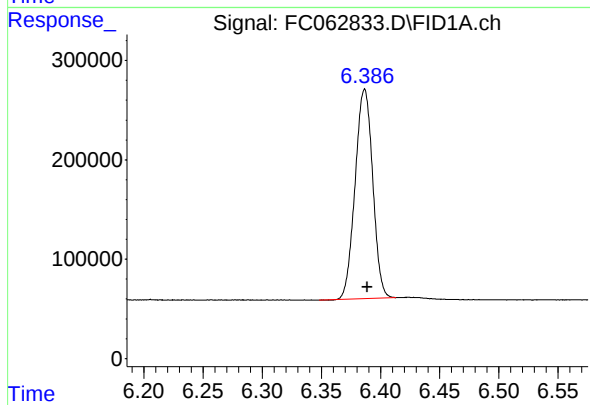
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 2195372
Conc: 21.13 ug/ml



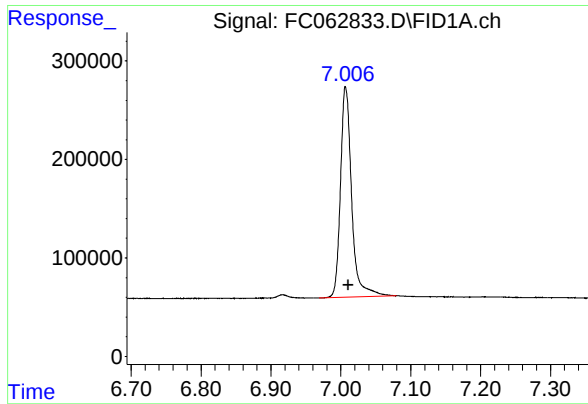
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2505882
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

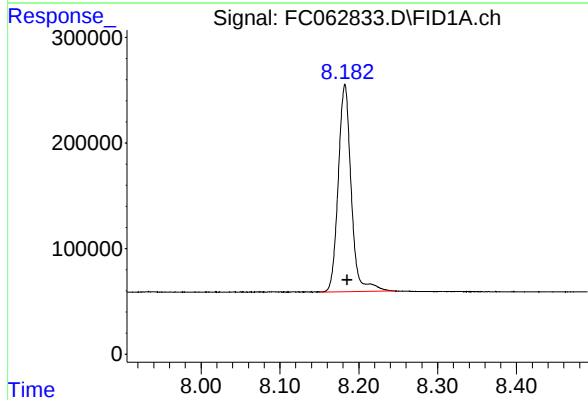
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2181363
Conc: 21.10 ug/ml



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

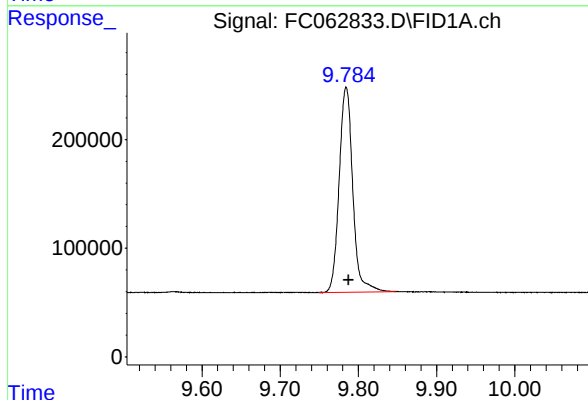
R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2373188
Conc: 21.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



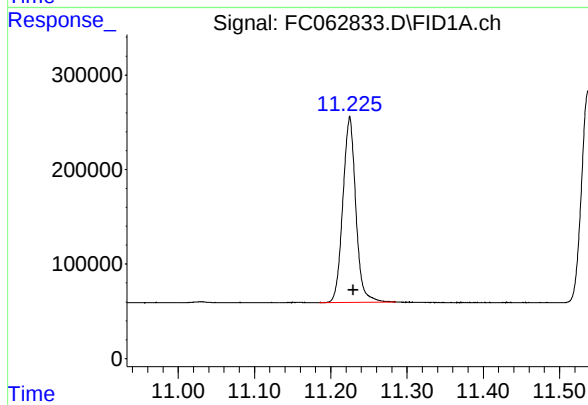
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2243645
Conc: 21.87 ug/ml



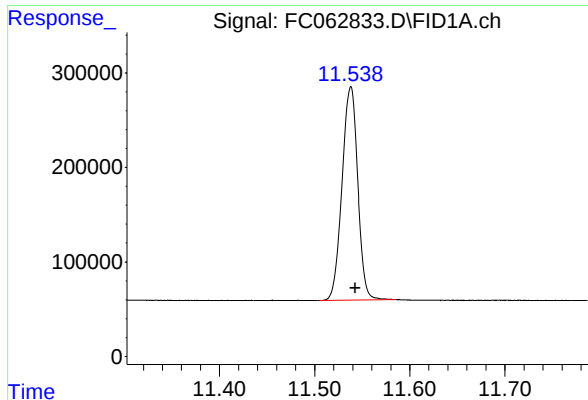
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.003 min
Response: 2282697
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

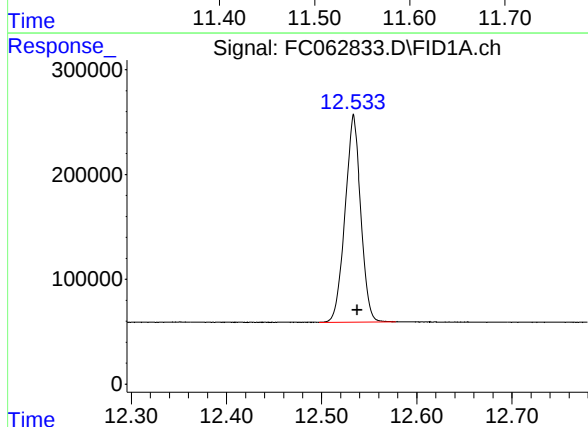
R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 2321358
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

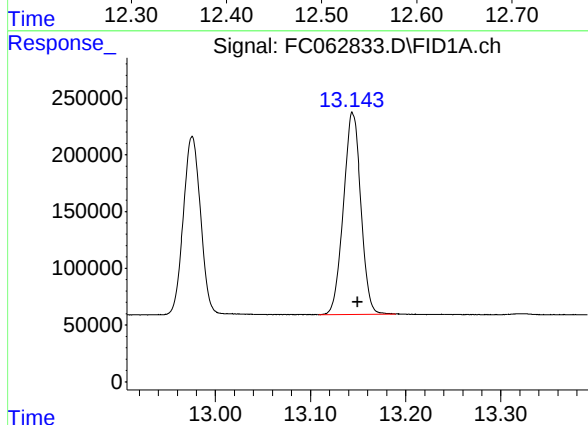
R.T.: 11.538 min
Delta R.T.: -0.005 min
Response: 2591303
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
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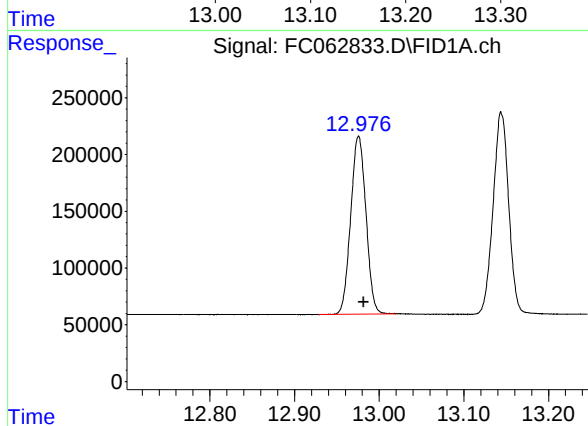
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.004 min
Response: 2262828
Conc: 20.75 ug/ml



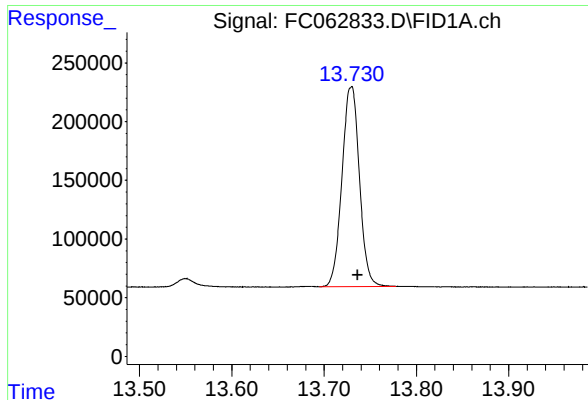
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.005 min
Response: 2262330
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

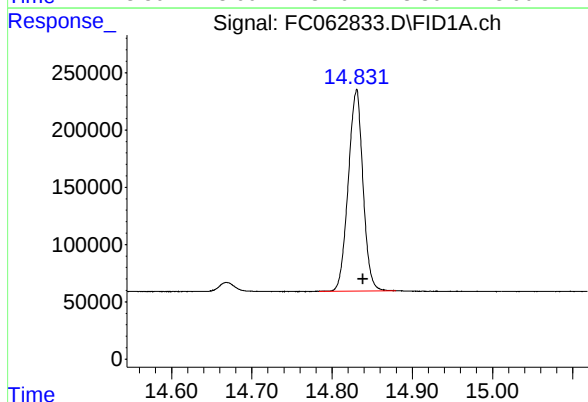
R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1959307
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

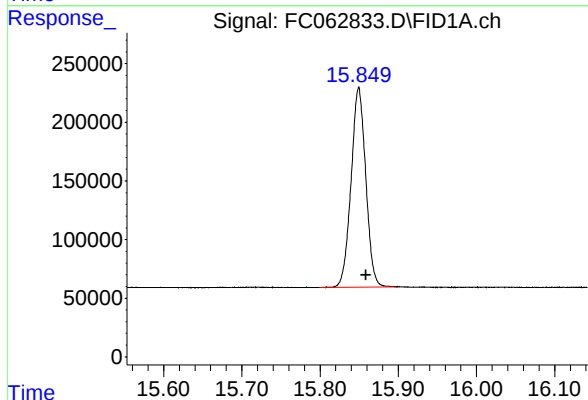
R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 2238581
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



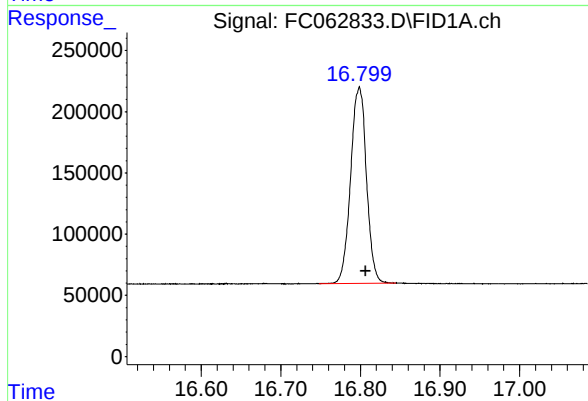
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.008 min
Response: 2242039
Conc: 20.93 ug/ml



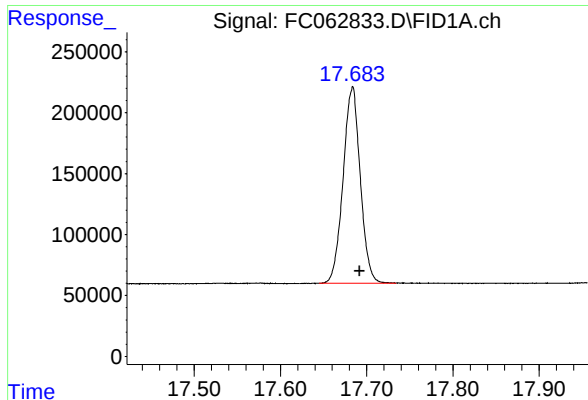
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.009 min
Response: 2218919
Conc: 21.06 ug/ml



#16 n-Octacosane (C28)

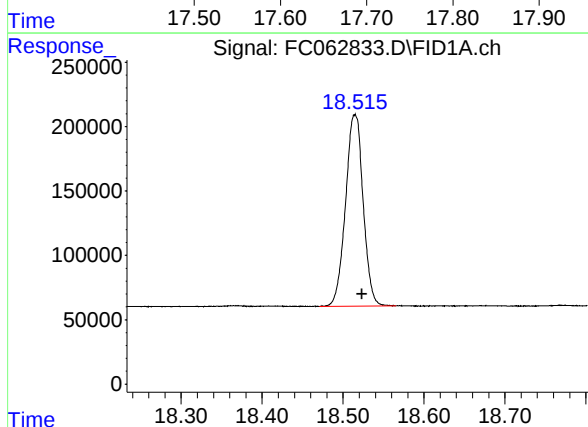
R.T.: 16.799 min
Delta R.T.: -0.008 min
Response: 2215076
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

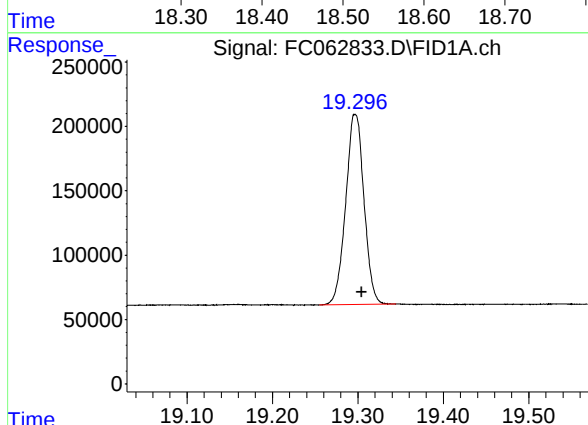
R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2227764
Conc: 21.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



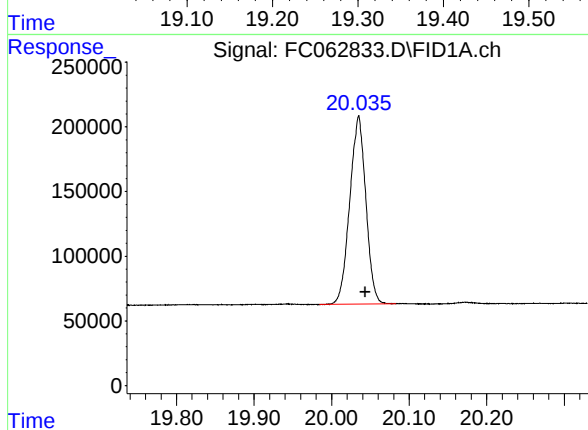
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.009 min
Response: 2249604
Conc: 20.83 ug/ml



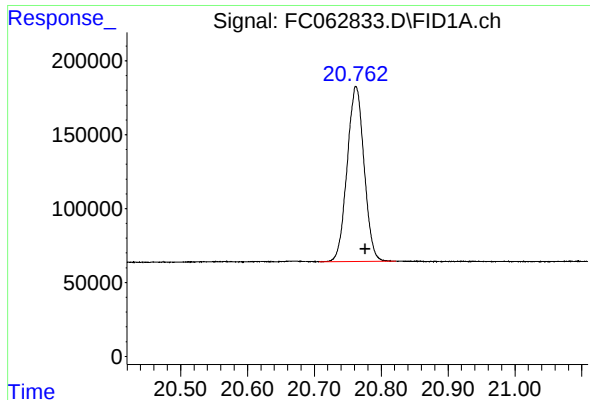
#19 n-Tetatriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 2198219
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

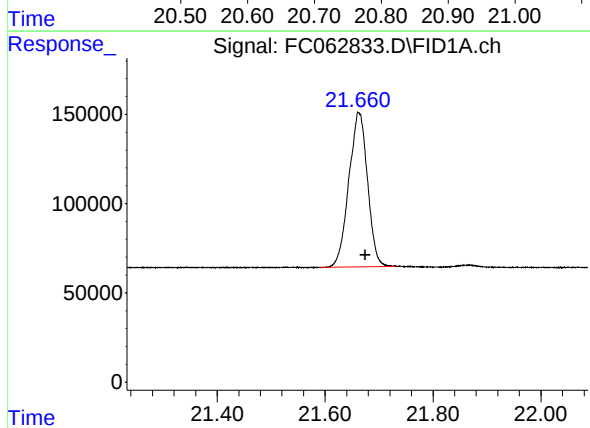
R.T.: 20.035 min
Delta R.T.: -0.009 min
Response: 2097473
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.014 min
Response: 2087318
Conc: 20.79 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.012 min
Response: 2080706
Conc: 21.59 ug/ml