

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056753.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 9:28
 Operator : AJ\MA
 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: Nov 12 11:15:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.617	2158136	17.430 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	13.048	1658006	17.231 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
Target Compounds			
1) T n-Nonane (C9)	3.372	2212007	20.437 ug/ml
2) T n-Decane (C10)	4.439	2224411	20.650 ug/ml
3) T A~Naphthalene (C11.7)	6.032	2433376	19.959 ug/ml
4) T n-Dodecane (C12)	6.459	2236916	20.292 ug/ml
5) T A~2-methylnaphthalene...	7.090	2399404	19.593 ug/ml
6) T n-Tetradecane (C14)	8.255	2211924	19.702 ug/ml
7) T n-Hexadecane (C16)	9.854	2156458	18.968 ug/ml
8) T n-Octadecane (C18)	11.295	2149457	18.394 ug/ml
10) T n-Eicosane (C20)	12.603	2033947	17.698 ug/ml
11) T n-Heneicosane (C21)	13.214	2003547	17.434 ug/ml
13) T n-Docosane (C22)	13.799	1947976	17.302 ug/ml
14) T n-Tetracosane (C24)	14.899	1917920	17.403 ug/ml
15) T n-Hexacosane (C26)	15.917	1847530	17.505 ug/ml
16) T n-Octacosane (C28)	16.863	1844440	17.782 ug/ml
17) T n-Tricontane (C30)	17.748	1854902	17.903 ug/ml
18) T n-Dotriacontane (C32)	18.576	1853147	19.342 ug/ml
19) T n-Tetratriacontane (C34)	19.357	1815615	20.700 ug/ml
20) T n-Hexatriacontane (C36)	20.092	1888192	23.069 ug/ml
21) T n-Octatriacontane (C38)	20.828	1825672	22.828 ug/ml
22) T n-Tetracontane (C40)	21.743	1950361	23.672 ug/ml

(f)=RT Delta > 1/2 Window

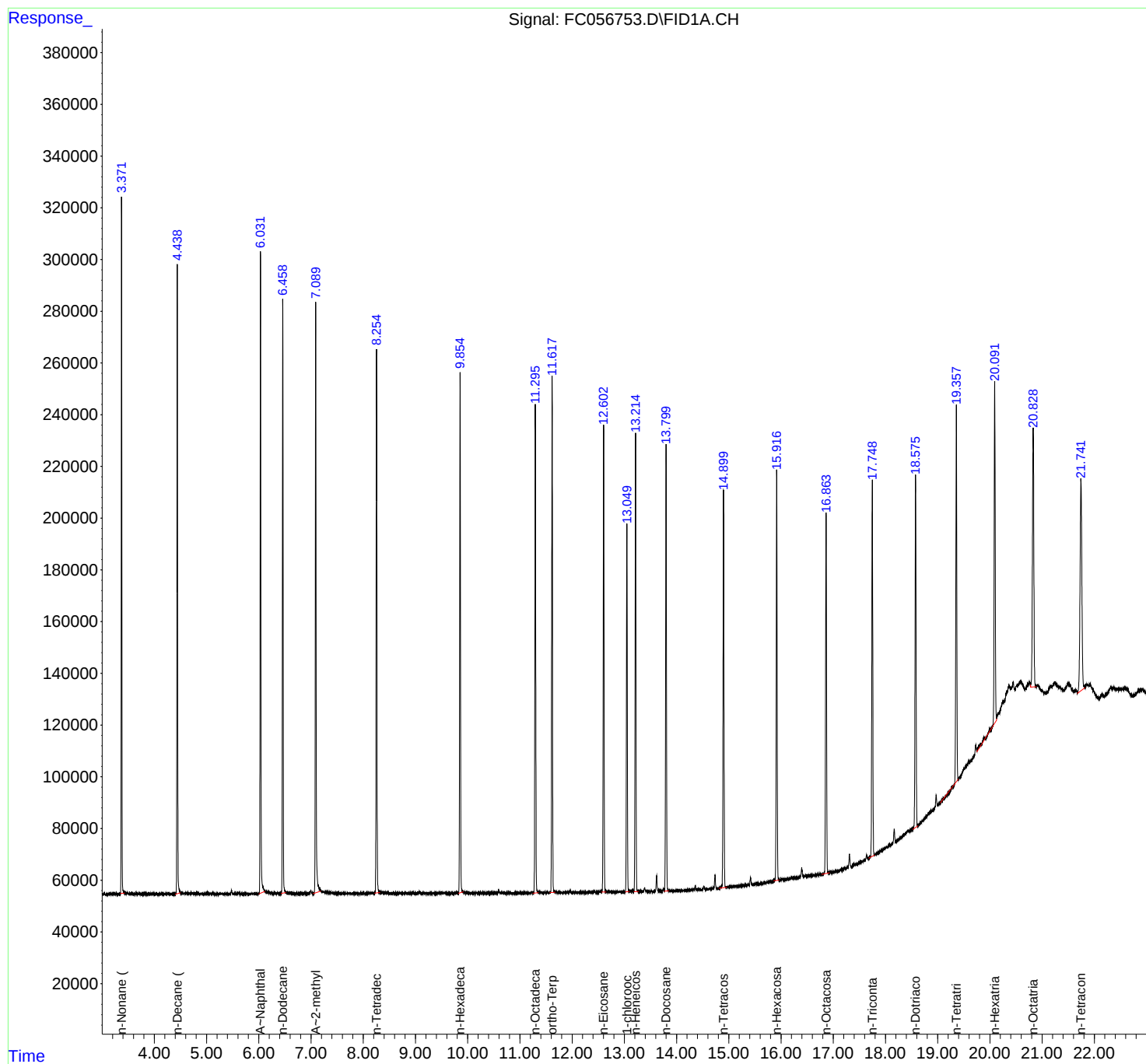
(m)=manual int.

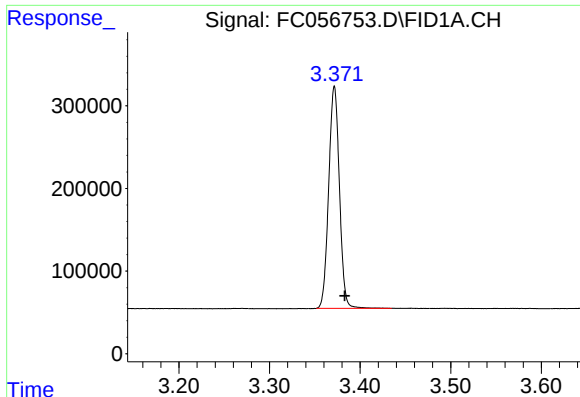
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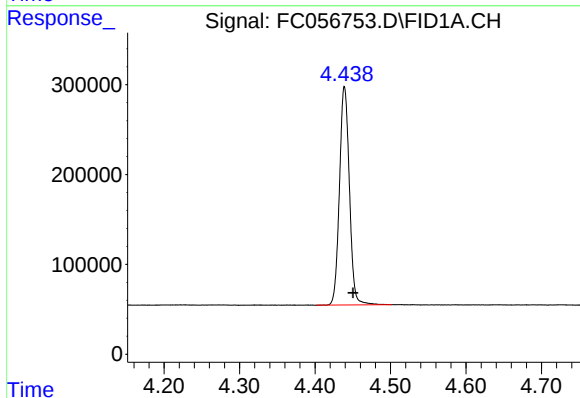




#1 n-Nonane (C9)

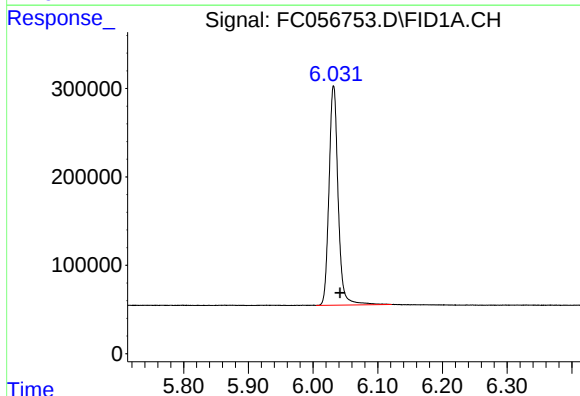
R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2212007
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



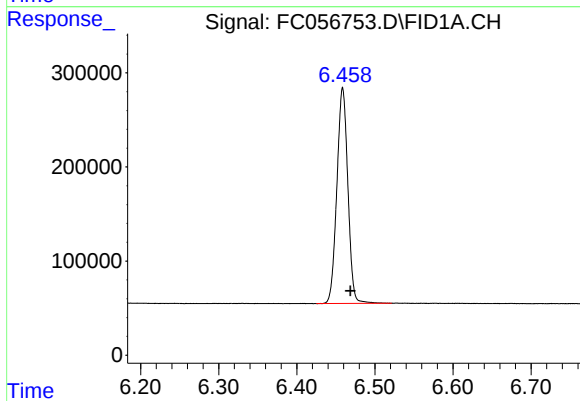
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2224411
Conc: 20.65 ug/ml



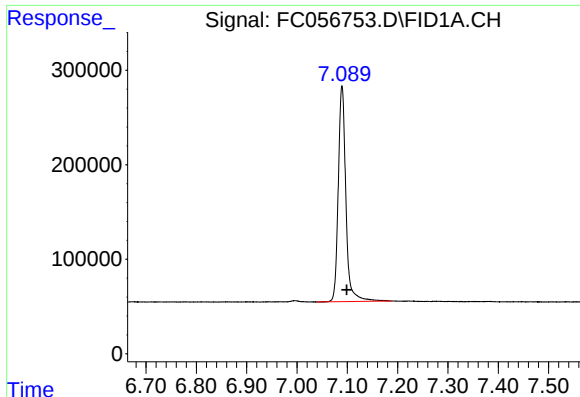
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.010 min
Response: 2433376
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

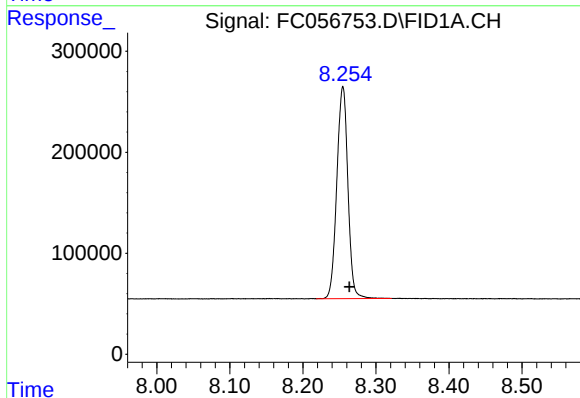
R.T.: 6.459 min
Delta R.T.: -0.010 min
Response: 2236916
Conc: 20.29 ug/ml



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

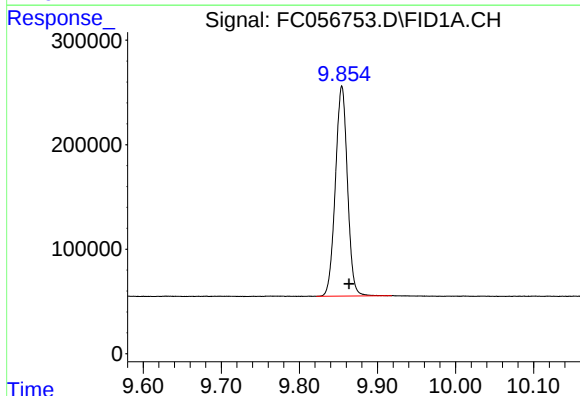
R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 2399404
Conc: 19.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



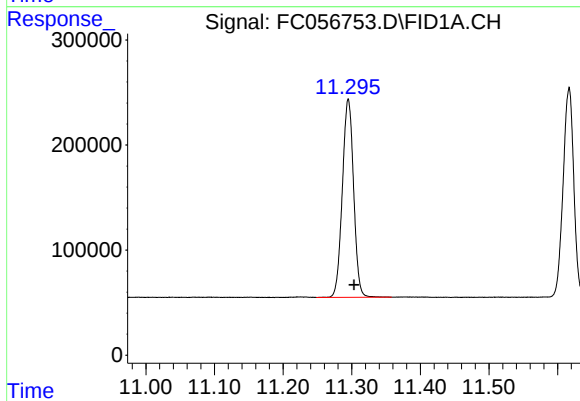
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.009 min
Response: 2211924
Conc: 19.70 ug/ml



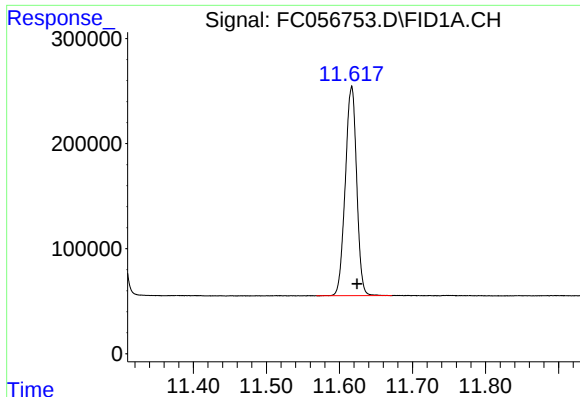
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.009 min
Response: 2156458
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

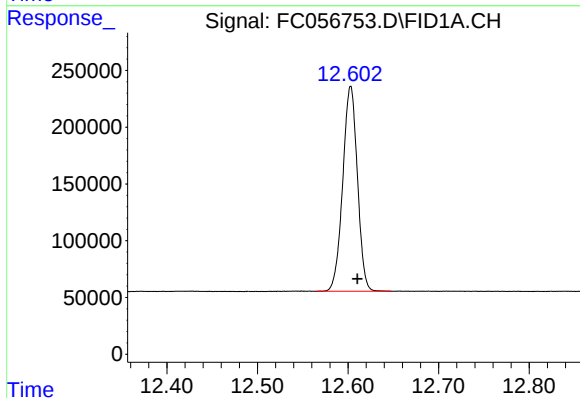
R.T.: 11.295 min
Delta R.T.: -0.008 min
Response: 2149457
Conc: 18.39 ug/ml



#9 ortho-Terphenyl (SURRE)

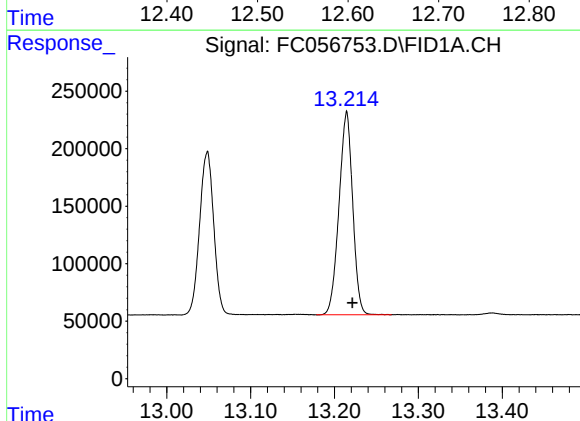
R.T.: 11.617 min
Delta R.T.: -0.008 min
Response: 2158136
Conc: 17.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



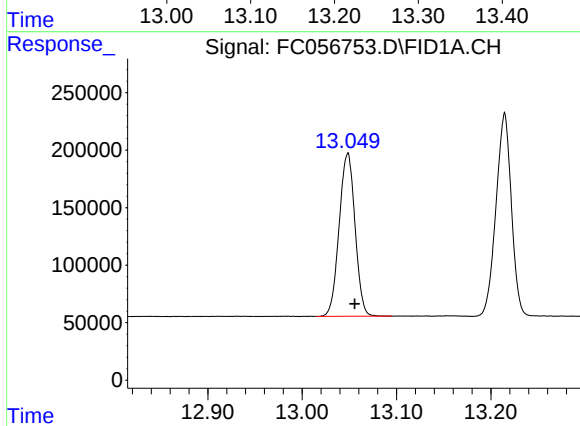
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.008 min
Response: 2033947
Conc: 17.70 ug/ml



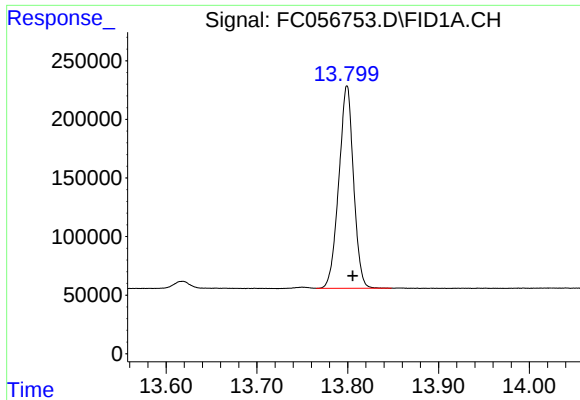
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.007 min
Response: 2003547
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURRE)

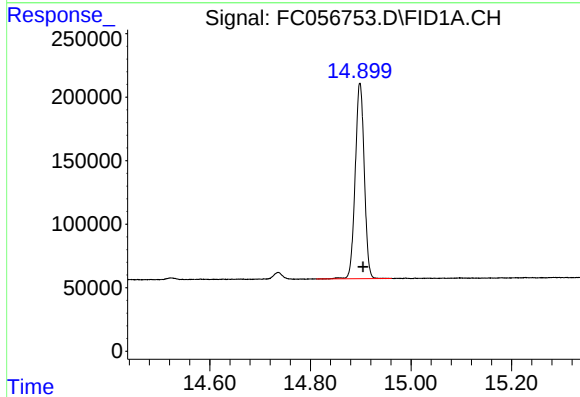
R.T.: 13.048 min
Delta R.T.: -0.008 min
Response: 1658006
Conc: 17.23 ug/ml



#13 n-Docosane (C22)

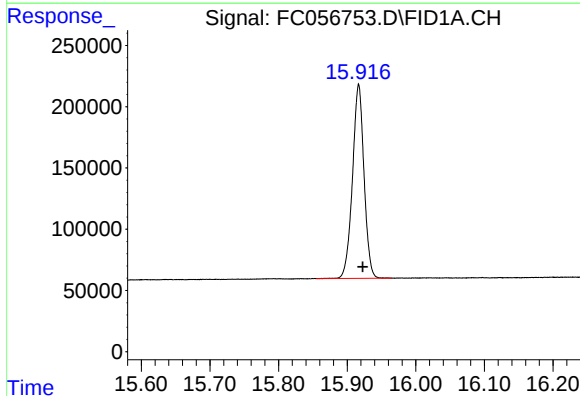
R.T.: 13.799 min
Delta R.T.: -0.007 min
Response: 1947976
Conc: 17.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



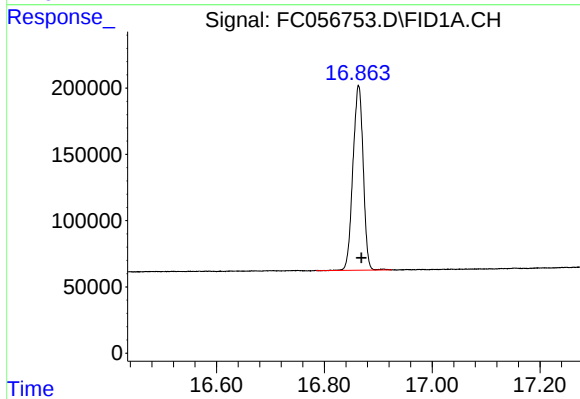
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: -0.006 min
Response: 1917920
Conc: 17.40 ug/ml



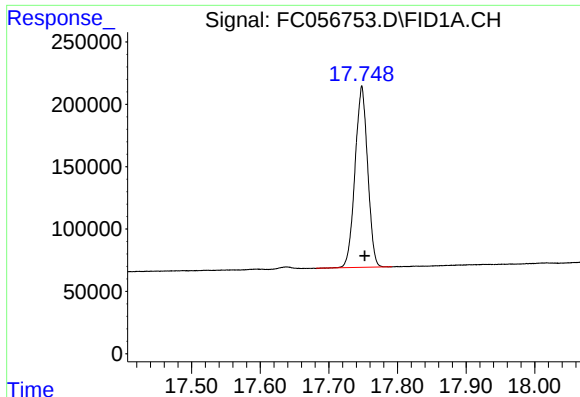
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.006 min
Response: 1847530
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

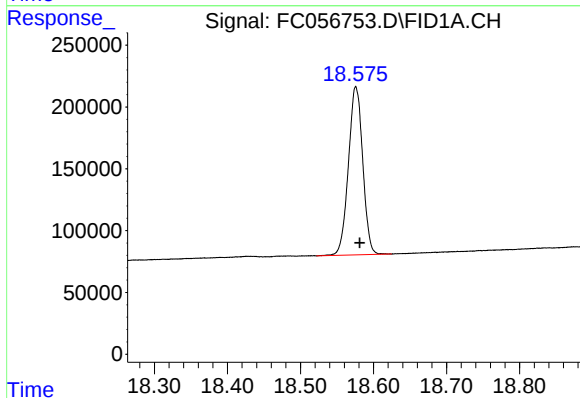
R.T.: 16.863 min
Delta R.T.: -0.005 min
Response: 1844440
Conc: 17.78 ug/ml



#17 n-Tricontane (C30)

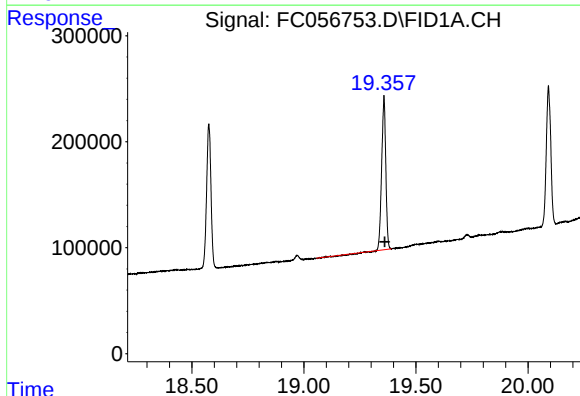
R.T.: 17.748 min
Delta R.T.: -0.004 min
Response: 1854902
Conc: 17.90 ug/ml

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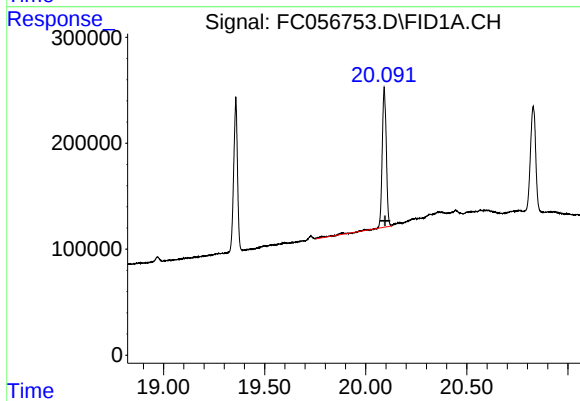
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: -0.005 min
Response: 1853147
Conc: 19.34 ug/ml



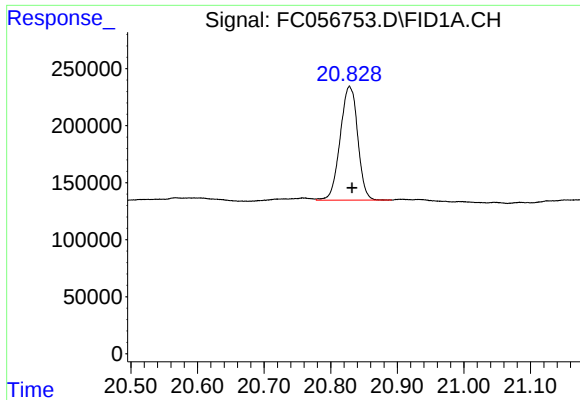
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.003 min
Response: 1815615
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

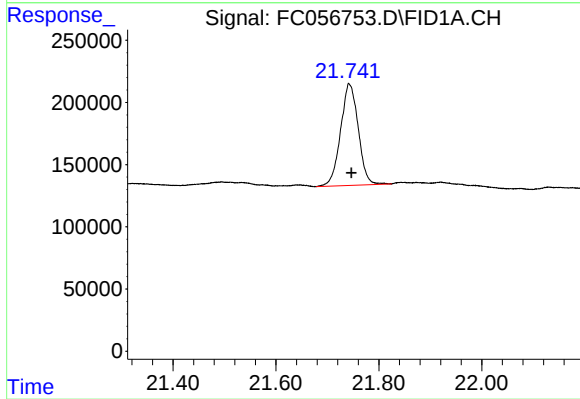
R.T.: 20.092 min
Delta R.T.: -0.005 min
Response: 1888192
Conc: 23.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.004 min
Response: 1825672
Conc: 22.83 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.004 min
Response: 1950361
Conc: 23.67 ug/ml