

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055225.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 11:02
 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: sample.E
 Quant Time: Aug 17 12:55:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.301	2359204	18.739 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	12.742	1870744	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.139	2126420	20.336 ug/ml
2) T n-Decane (C10)	4.188	2155212	20.466 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2214774	20.383 ug/ml
4) T n-Dodecane (C12)	6.189	2235607	20.587 ug/ml
5) T A~2-methylnaphthalene...	6.805	2278369	20.876 ug/ml
6) T n-Tetradecane (C14)	7.972	2285584	20.473 ug/ml
7) T n-Hexadecane (C16)	9.563	2296176	20.133 ug/ml
8) T n-Octadecane (C18)	10.998	2331017	19.767 ug/ml
10) T n-Eicosane (C20)	12.301	2250362	19.168 ug/ml
11) T n-Heneicosane (C21)	12.910	2241693	18.985 ug/ml
13) T n-Docosane (C22)	13.494	2215853	18.972 ug/ml
14) T n-Tetracosane (C24)	14.592	2143846	18.521 ug/ml
15) T n-Hexacosane (C26)	15.609	2000418	17.850 ug/ml
16) T n-Octacosane (C28)	16.556	1947298	17.935 ug/ml
17) T n-Tricontane (C30)	17.439	1893064	18.131 ug/ml
18) T n-Dotriacontane (C32)	18.269	1833030	18.509 ug/ml
19) T n-Tetratriacontane (C34)	19.051	1828074	19.288 ug/ml
20) T n-Hexatriacontane (C36)	19.789	1800152	19.921 ug/ml
21) T n-Octatriacontane (C38)	20.489	1764039	20.416 ug/ml
22) T n-Tetracontane (C40)	21.292	1844044	20.707 ug/ml

(f)=RT Delta > 1/2 Window

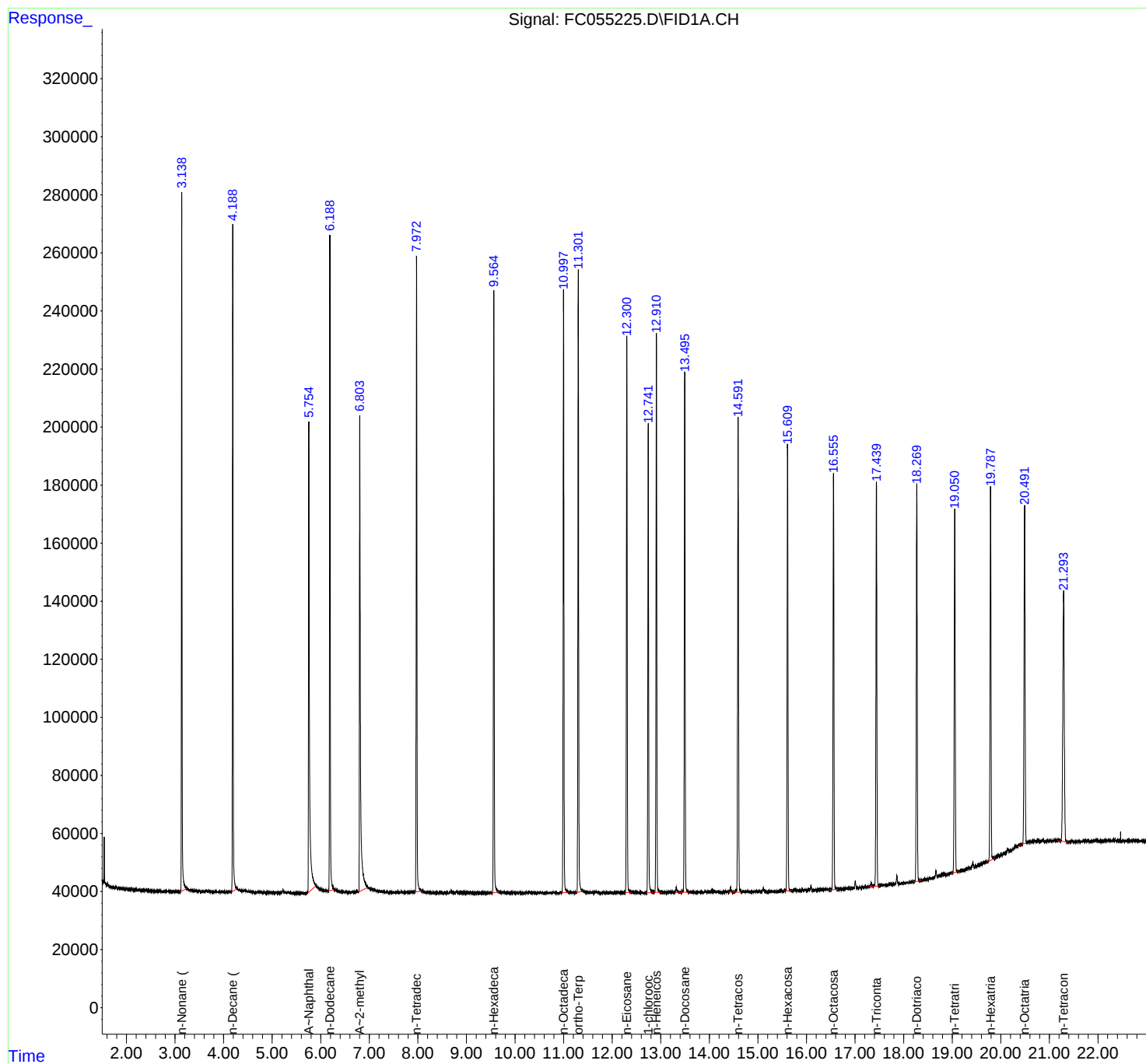
(m)=manual int.

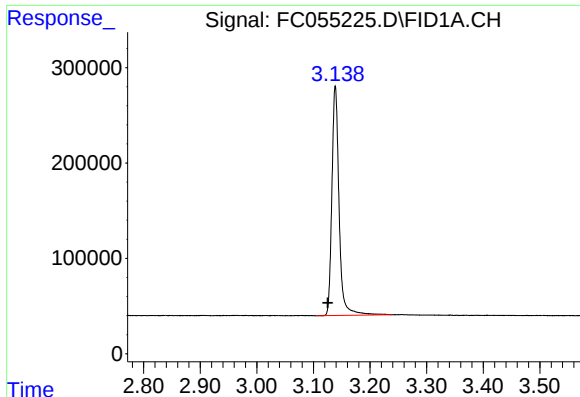
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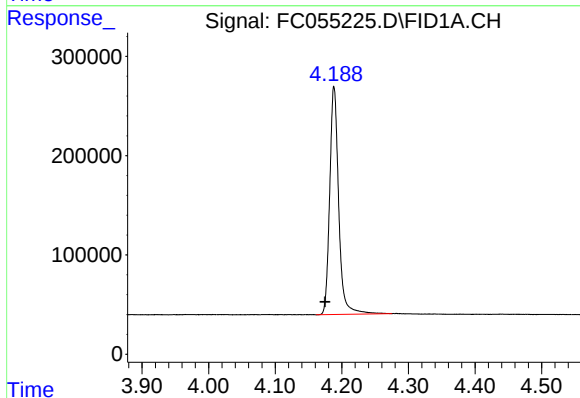




#1 n-Nonane (C9)

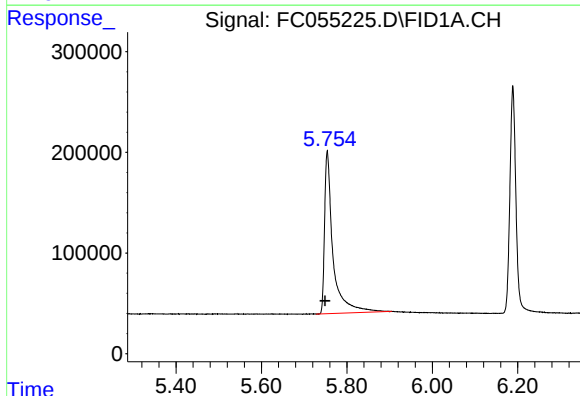
R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2126420
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



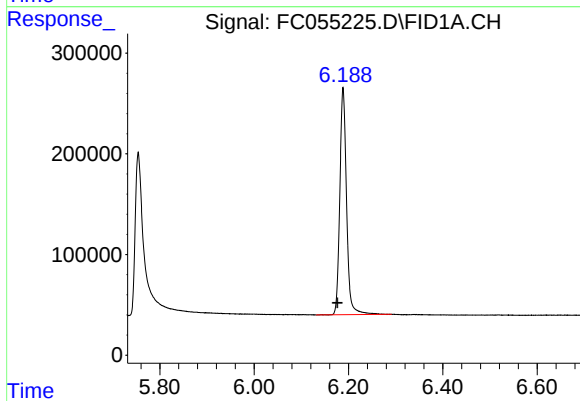
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 2155212
Conc: 20.47 ug/ml



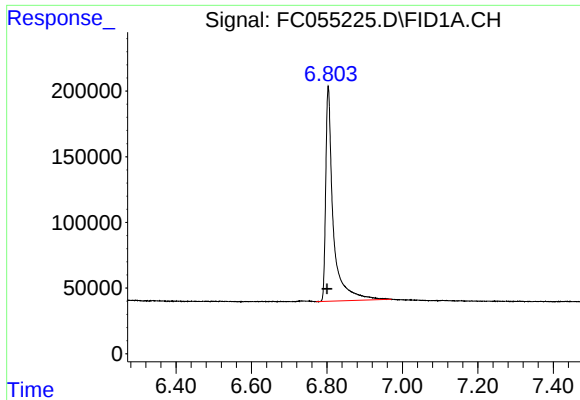
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: 0.006 min
Response: 2214774
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

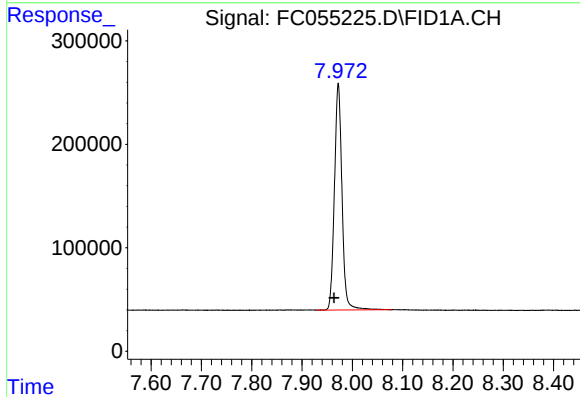
R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2235607
Conc: 20.59 ug/ml



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

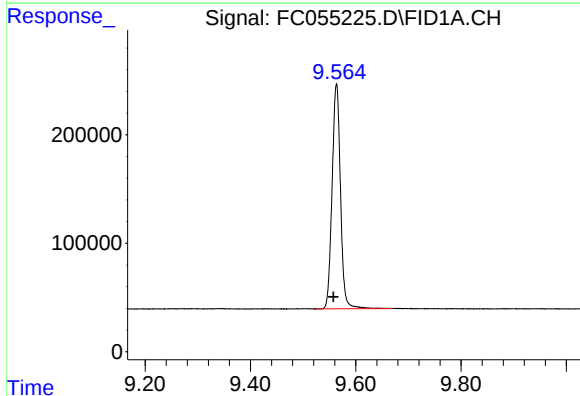
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 2278369
Conc: 20.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



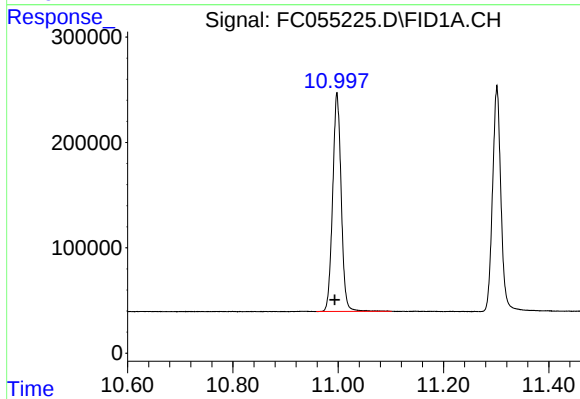
#6 n-Tetradecane (C14)

R.T.: 7.972 min
Delta R.T.: 0.008 min
Response: 2285584
Conc: 20.47 ug/ml



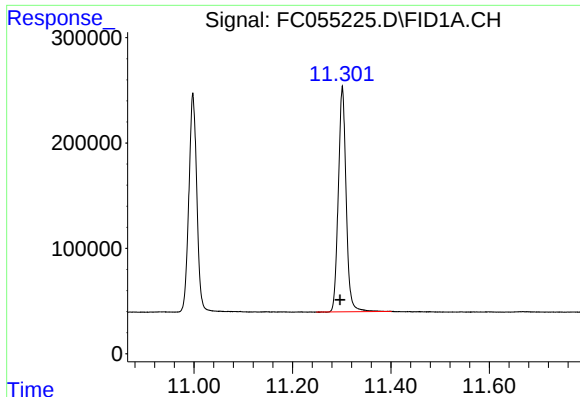
#7 n-Hexadecane (C16)

R.T.: 9.563 min
Delta R.T.: 0.005 min
Response: 2296176
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

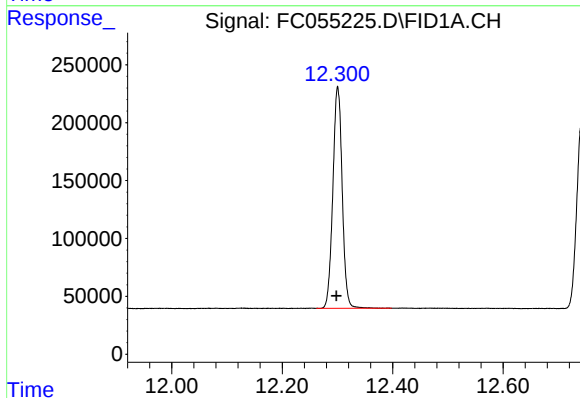
R.T.: 10.998 min
Delta R.T.: 0.004 min
Response: 2331017
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

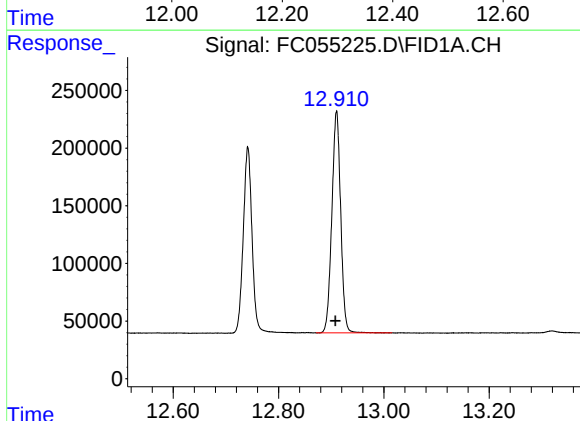
R.T.: 11.301 min
Delta R.T.: 0.005 min
Response: 2359204
Conc: 18.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



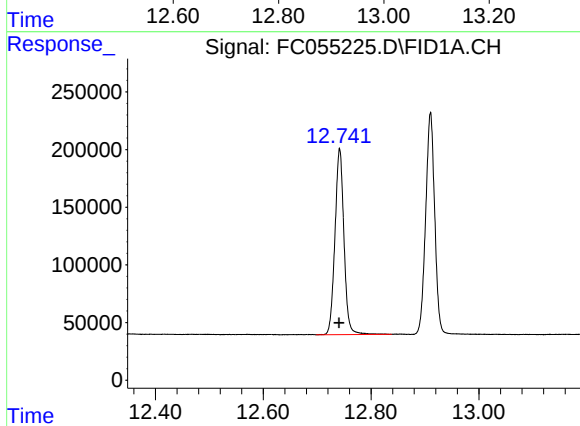
#10 n-Eicosane (C20)

R.T.: 12.301 min
Delta R.T.: 0.003 min
Response: 2250362
Conc: 19.17 ug/ml



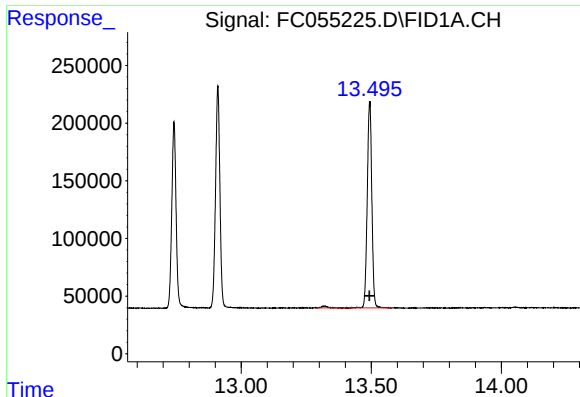
#11 n-Heneicosane (C21)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2241693
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

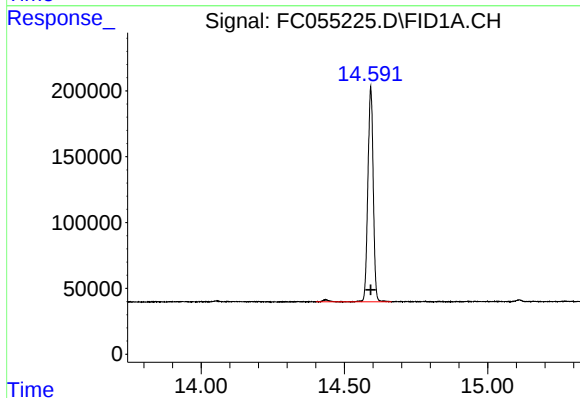
R.T.: 12.742 min
Delta R.T.: 0.000 min
Response: 1870744
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

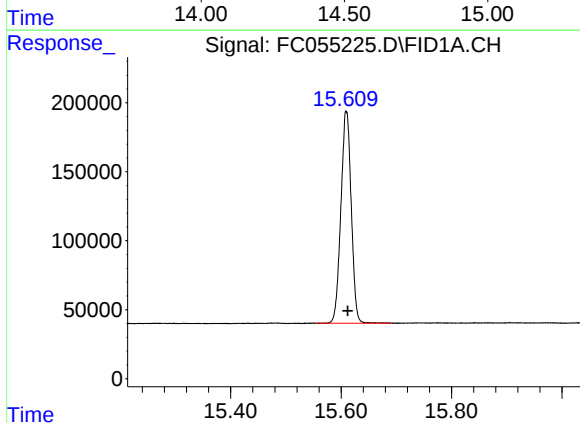
R.T.: 13.494 min
Delta R.T.: 0.000 min
Response: 2215853
Conc: 18.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



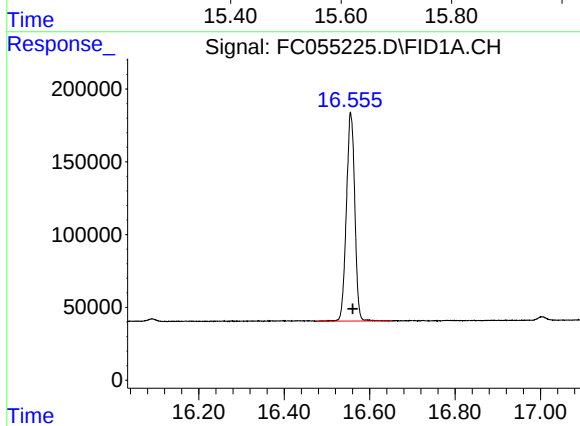
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2143846
Conc: 18.52 ug/ml



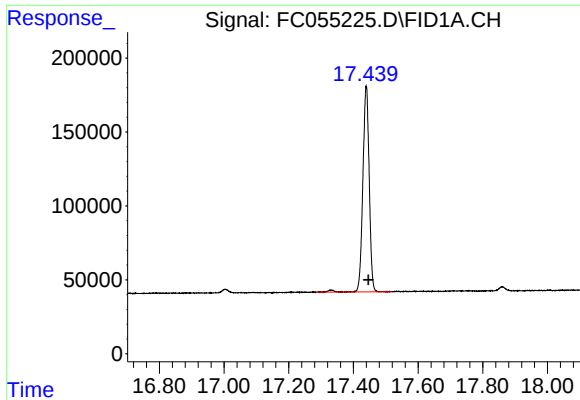
#15 n-Hexacosane (C26)

R.T.: 15.609 min
Delta R.T.: -0.002 min
Response: 2000418
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

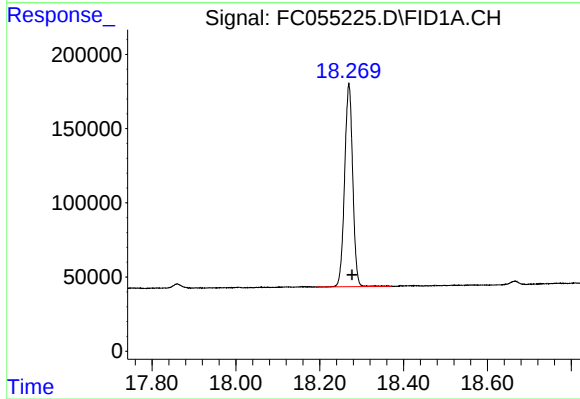
R.T.: 16.556 min
Delta R.T.: -0.005 min
Response: 1947298
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

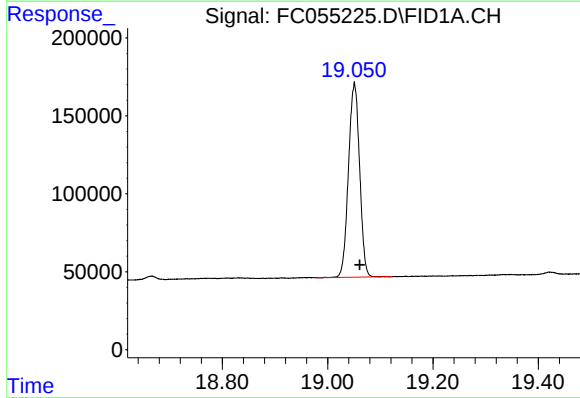
R.T.: 17.439 min
Delta R.T.: -0.007 min
Response: 1893064
Conc: 18.13 ug/ml

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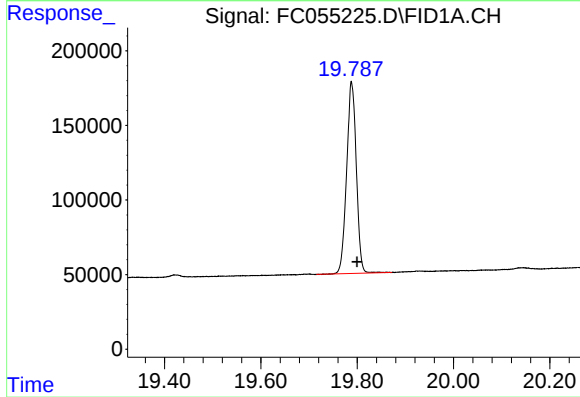
#18 n-Dotriacontane (C32)

R.T.: 18.269 min
Delta R.T.: -0.008 min
Response: 1833030
Conc: 18.51 ug/ml



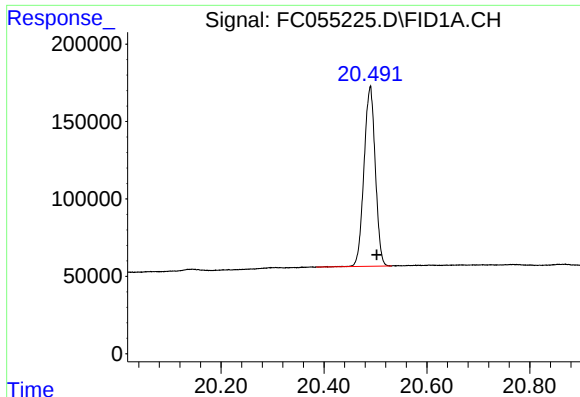
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.010 min
Response: 1828074
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

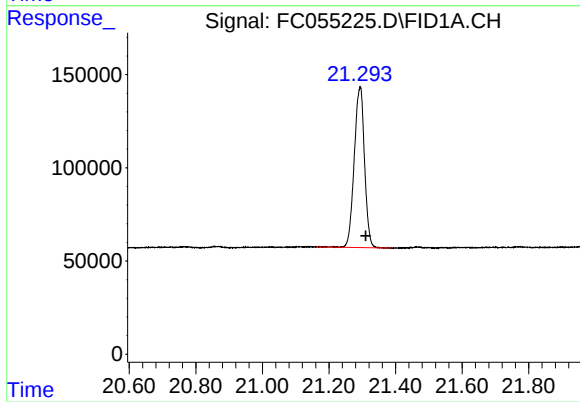
R.T.: 19.789 min
Delta R.T.: -0.011 min
Response: 1800152
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.489 min
Delta R.T.: -0.013 min
Response: 1764039
Conc: 20.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.292 min
Delta R.T.: -0.018 min
Response: 1844044
Conc: 20.71 ug/ml