

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021221AL\
 Data File : FC052022.D
 Signal(s) : FID1A.CH
 Acq On : 12 Feb 2021 23:20
 Operator : DD\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 12 23:47:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.693	2395078	18.774 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.125	1896166	18.409 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
Target Compounds			
1) T n-Nonane (C9)	3.446	2289658	20.887 ug/ml
2) T n-Decane (C10)	4.516	2317069	20.965 ug/ml
3) T A~Naphthalene (C11.7)	6.109	2587653	20.753 ug/ml
4) T n-Dodecane (C12)	6.536	2355745	20.914 ug/ml
5) T A~2-methylnaphthalene...	7.167	2629266	20.570 ug/ml
6) T n-Tetradecane (C14)	8.330	2363528	20.752 ug/ml
7) T n-Hexadecane (C16)	9.930	2315033	20.379 ug/ml
8) T n-Octadecane (C18)	11.371	2349016	19.705 ug/ml
10) T n-Eicosane (C20)	12.679	2291778	18.946 ug/ml
11) T n-Heneicosane (C21)	13.291	2250694	18.526 ug/ml
13) T n-Docosane (C22)	13.876	2204920	18.130 ug/ml
14) T n-Tetracosane (C24)	14.977	2108391	17.300 ug/ml
15) T n-Hexacosane (C26)	15.998	2001275	16.720 ug/ml
16) T n-Octacosane (C28)	16.947	1932554	16.518 ug/ml
17) T n-Tricontane (C30)	17.834	1887901	16.814 ug/ml
18) T n-Dotriacontane (C32)	18.668	1846187	17.842 ug/ml
19) T n-Tetratriacontane (C34)	19.450	1786884	18.880 ug/ml
20) T n-Hexatriacontane (C36)	20.188	1652745	18.979 ug/ml
21) T n-Octatriacontane (C38)	20.943	1484930	18.093 ug/ml
22) T n-Tetracontane (C40)	21.888	1428504	16.720 ug/ml

(f)=RT Delta > 1/2 Window

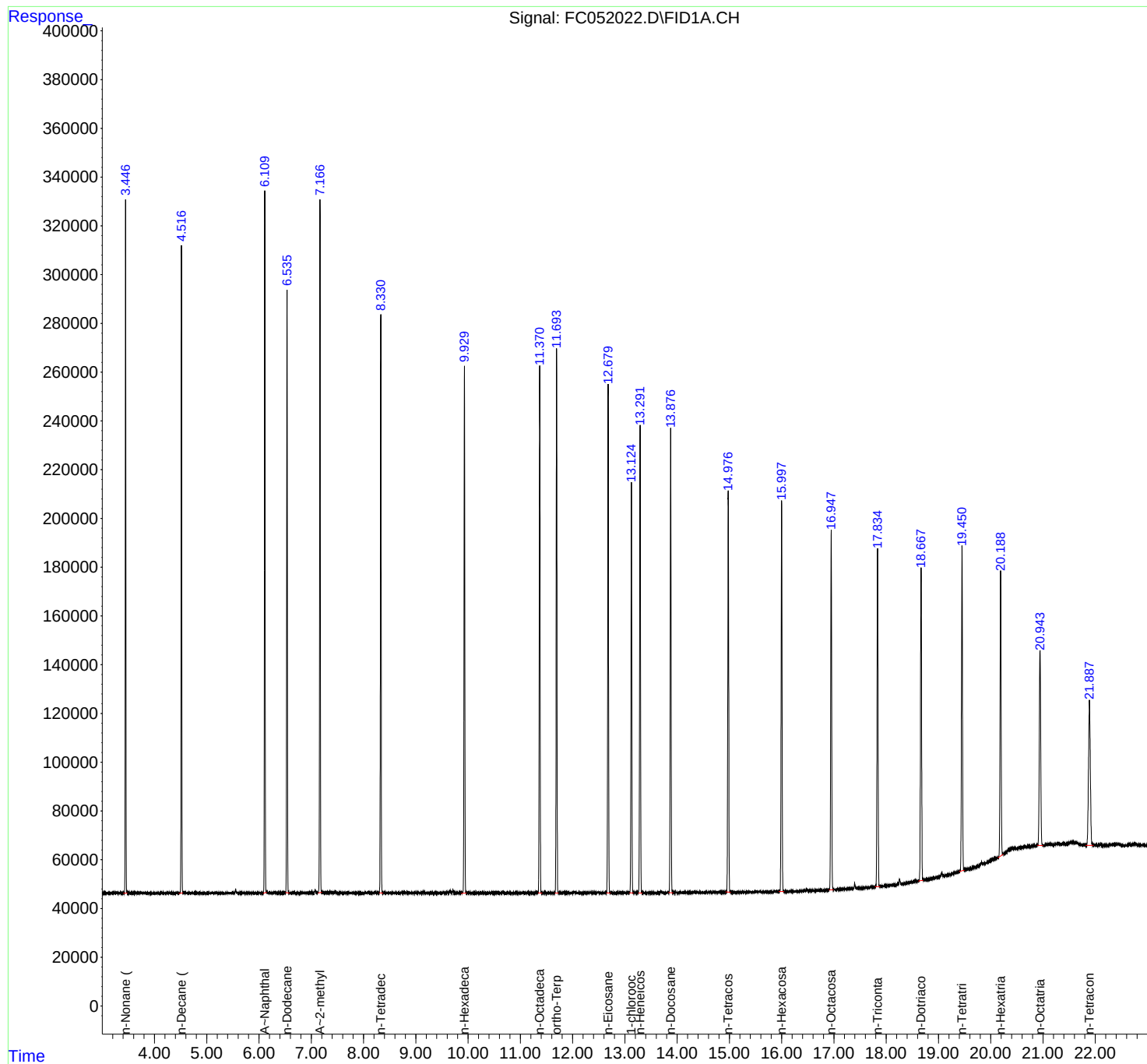
(m)=manual int.

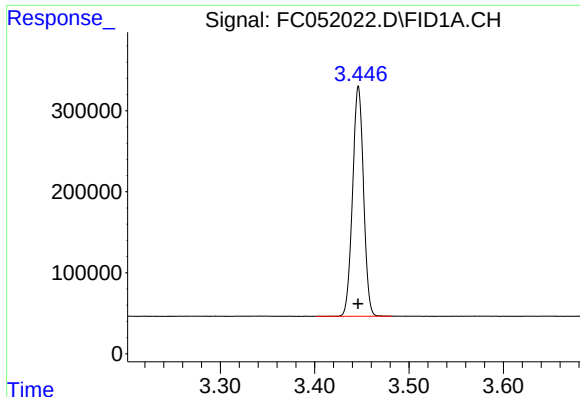
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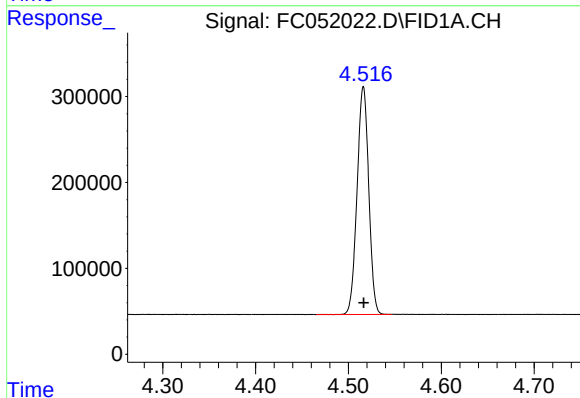




#1 n-Nonane (C9)

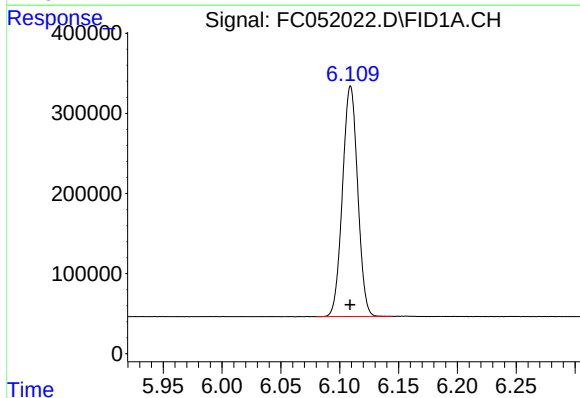
R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2289658
Conc: 20.89 ug/ml

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20 PPM ALIPHATIC HC STD



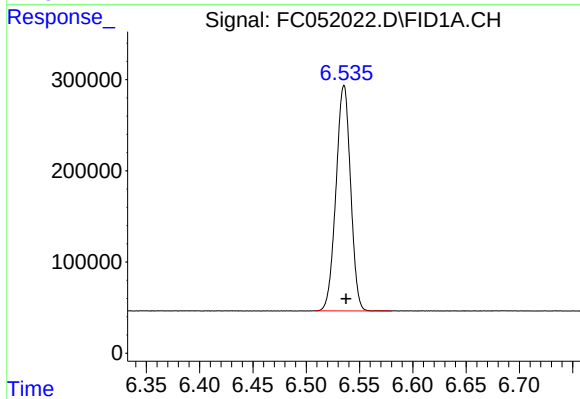
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2317069
Conc: 20.97 ug/ml



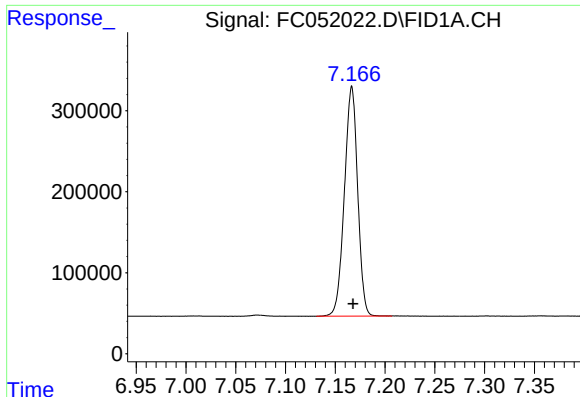
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2587653
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

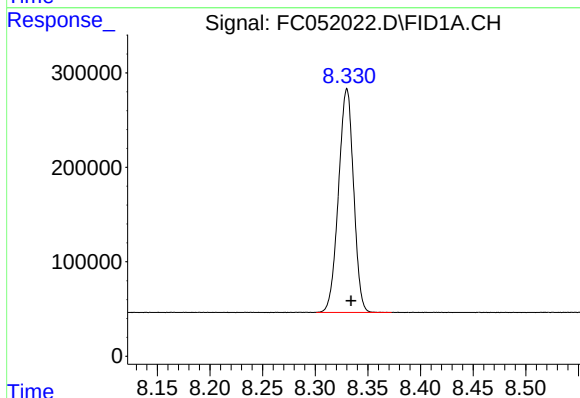
R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2355745
Conc: 20.91 ug/ml



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

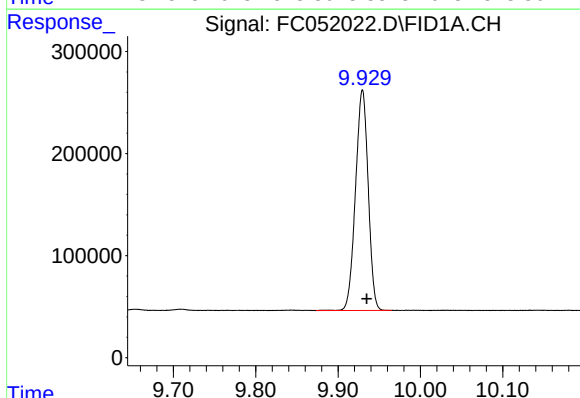
R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 2629266
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



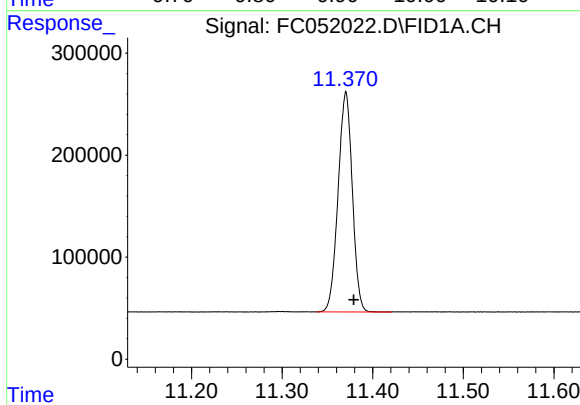
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 2363528
Conc: 20.75 ug/ml



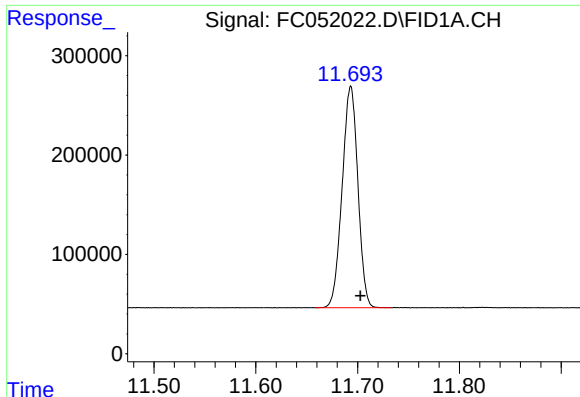
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: -0.005 min
Response: 2315033
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

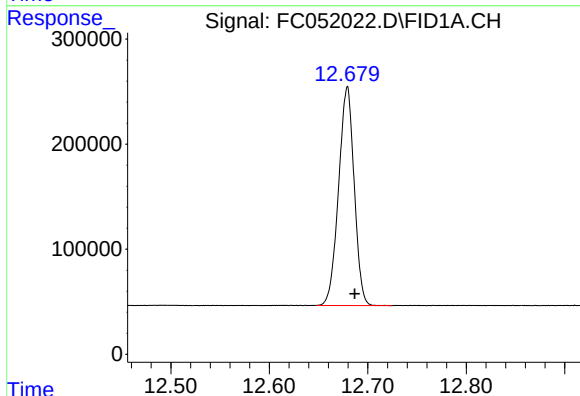
R.T.: 11.371 min
Delta R.T.: -0.008 min
Response: 2349016
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

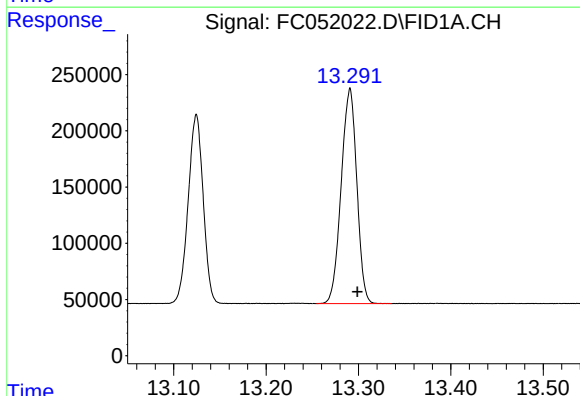
R.T.: 11.693 min
Delta R.T.: -0.009 min
Response: 2395078
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



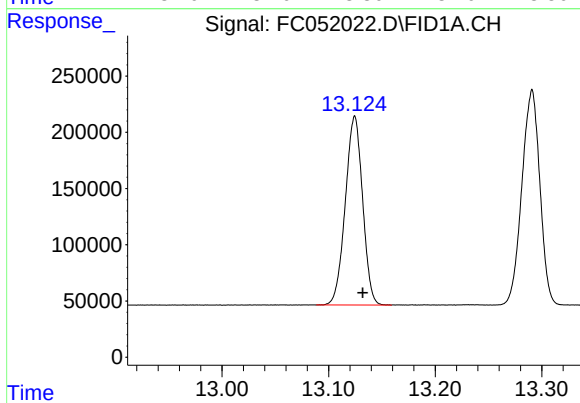
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: -0.007 min
Response: 2291778
Conc: 18.95 ug/ml



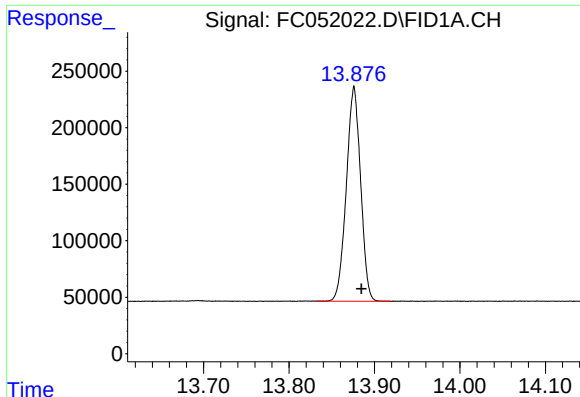
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: -0.008 min
Response: 2250694
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

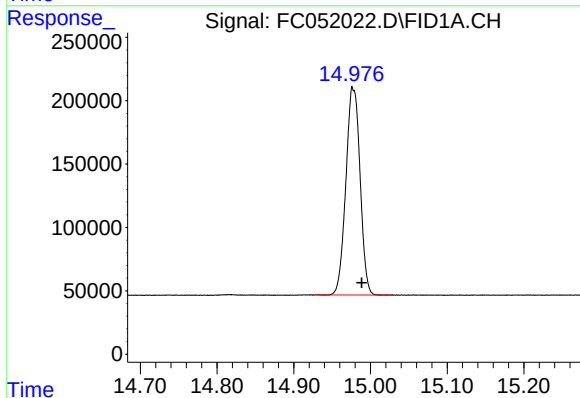
R.T.: 13.125 min
Delta R.T.: -0.007 min
Response: 1896166
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

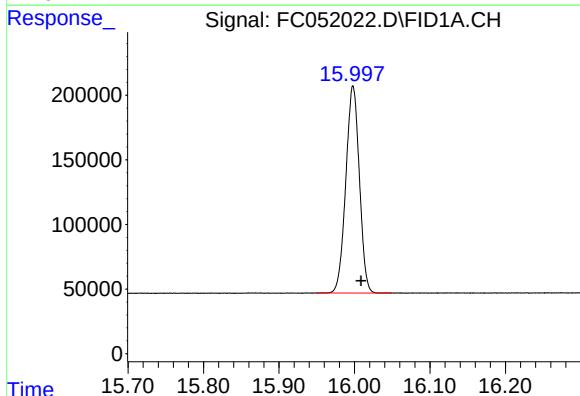
R.T.: 13.876 min
Delta R.T.: -0.009 min
Response: 2204920
Conc: 18.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



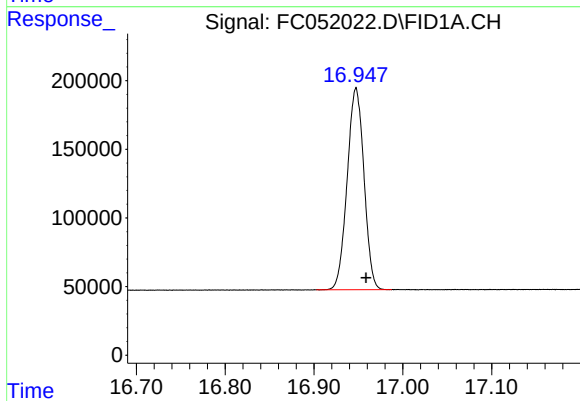
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.011 min
Response: 2108391
Conc: 17.30 ug/ml



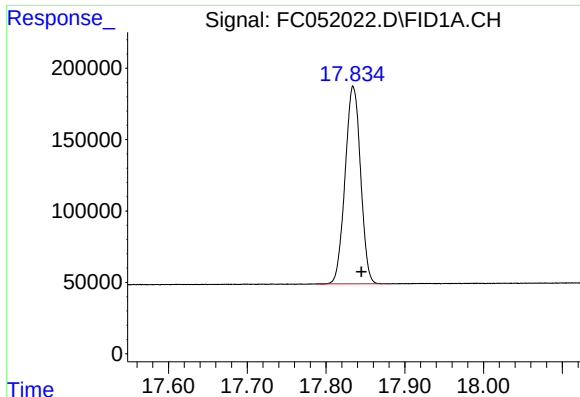
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 2001275
Conc: 16.72 ug/ml



#16 n-Octacosane (C28)

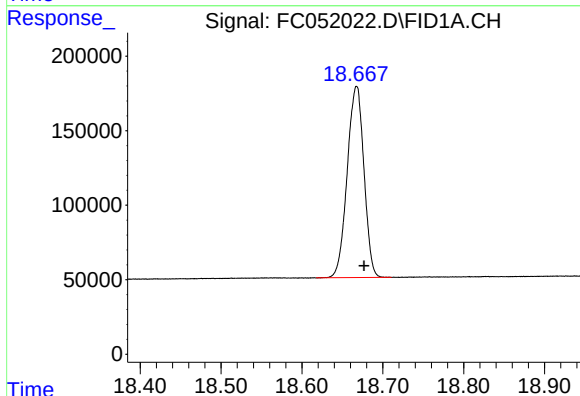
R.T.: 16.947 min
Delta R.T.: -0.011 min
Response: 1932554
Conc: 16.52 ug/ml



#17 n-Tricontane (C30)

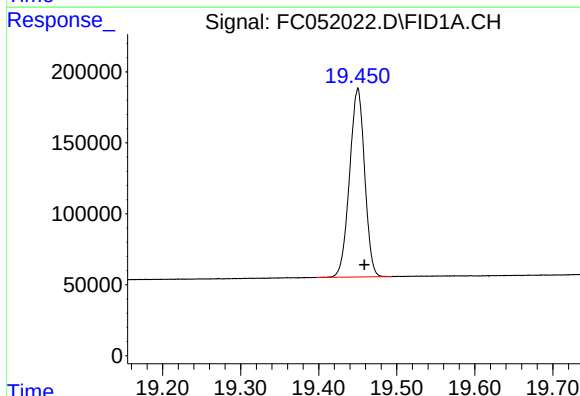
R.T.: 17.834 min
Delta R.T.: -0.010 min
Response: 1887901
Conc: 16.81 ug/ml

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20 PPM ALIPHATIC HC STD



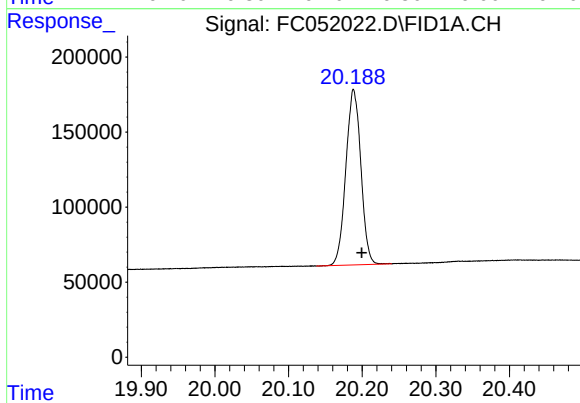
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.009 min
Response: 1846187
Conc: 17.84 ug/ml



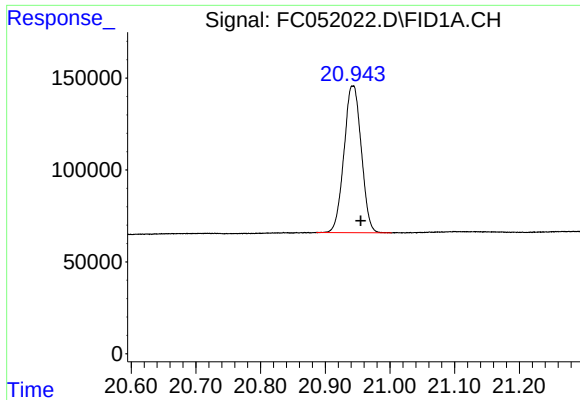
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.008 min
Response: 1786884
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

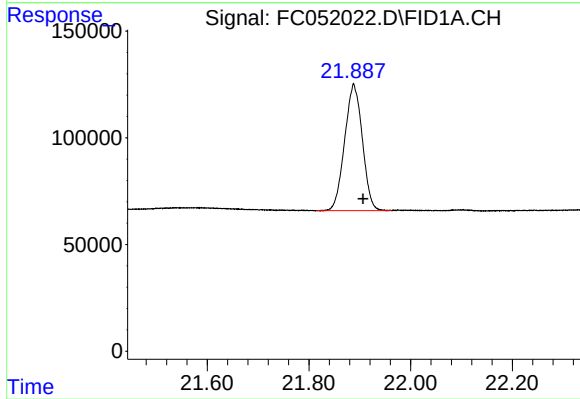
R.T.: 20.188 min
Delta R.T.: -0.011 min
Response: 1652745
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min
Delta R.T.: -0.012 min
Response: 1484930
Conc: 18.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: -0.018 min
Response: 1428504
Conc: 16.72 ug/ml