

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031221AL\
 Data File : FC052389.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2021 10:16
 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: Mar 13 02:16:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.612	2437165	18.481 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	13.049	1900709	18.276 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.356	2357147	19.997 ug/ml
2) T n-Decane (C10)	4.424	2396726	20.180 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2674097	20.140 ug/ml
4) T n-Dodecane (C12)	6.446	2441185	20.194 ug/ml
5) T A~2-methylnaphthalene...	7.074	2709485	19.962 ug/ml
6) T n-Tetradecane (C14)	8.245	2434420	20.079 ug/ml
7) T n-Hexadecane (C16)	9.848	2365290	19.768 ug/ml
8) T n-Octadecane (C18)	11.293	2393185	19.333 ug/ml
10) T n-Eicosane (C20)	12.604	2308061	18.731 ug/ml
11) T n-Heneicosane (C21)	13.217	2249255	18.425 ug/ml
13) T n-Docosane (C22)	13.803	2190039	18.201 ug/ml
14) T n-Tetracosane (C24)	14.907	2080783	17.848 ug/ml
15) T n-Hexacosane (C26)	15.928	1955235	17.799 ug/ml
16) T n-Octacosane (C28)	16.879	1880590	18.347 ug/ml
17) T n-Tricontane (C30)	17.768	1825617	19.392 ug/ml
18) T n-Dotriacontane (C32)	18.602	1733620	20.304 ug/ml
19) T n-Tetratriacontane (C34)	19.385	1650785	21.293 ug/ml
20) T n-Hexatriacontane (C36)	20.123	1576405	21.938 ug/ml
21) T n-Octatriacontane (C38)	20.866	1499279	21.887 ug/ml
22) T n-Tetracontane (C40)	21.790	1539330	21.406 ug/ml

(f)=RT Delta > 1/2 Window

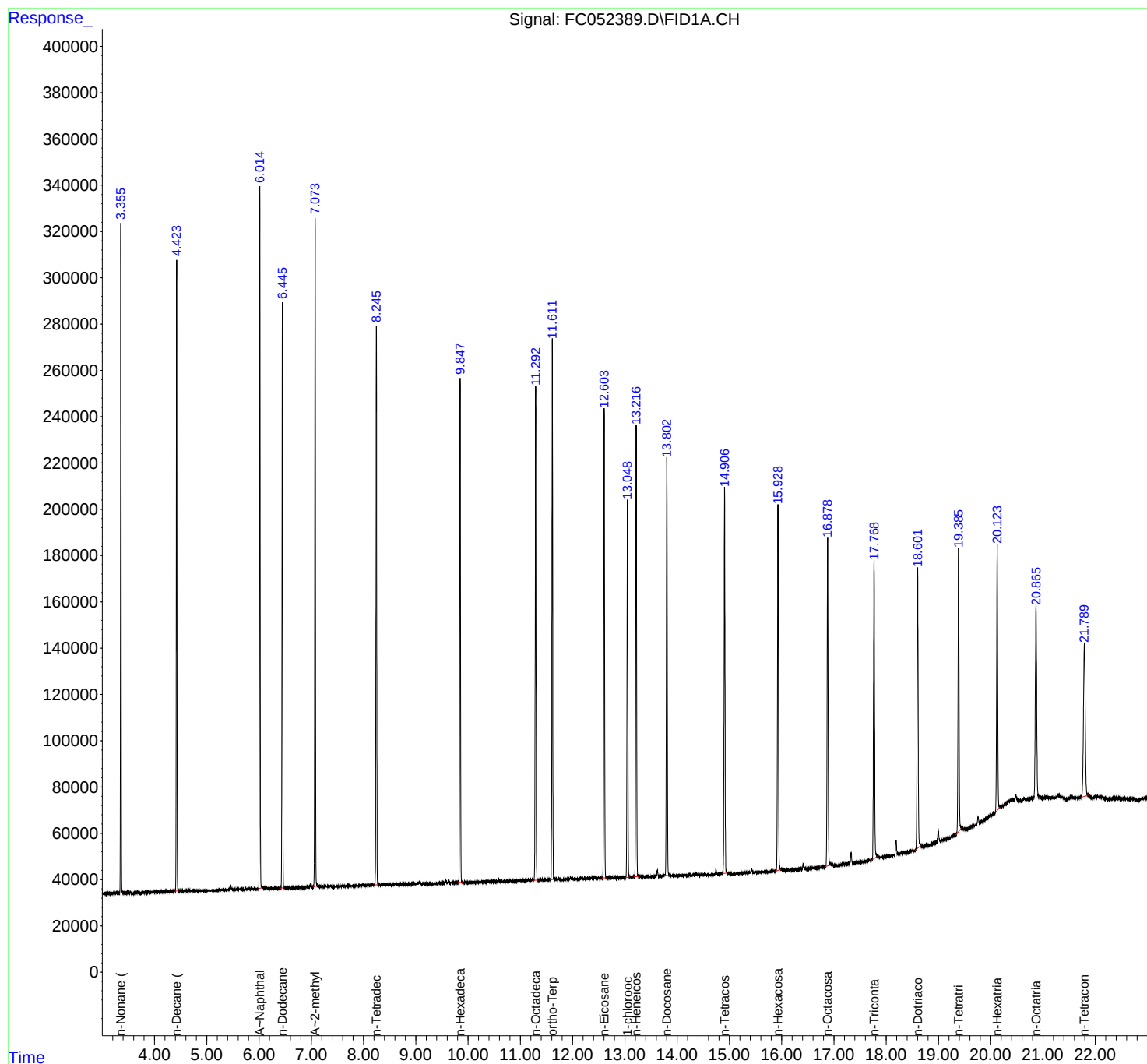
(m)=manual int.

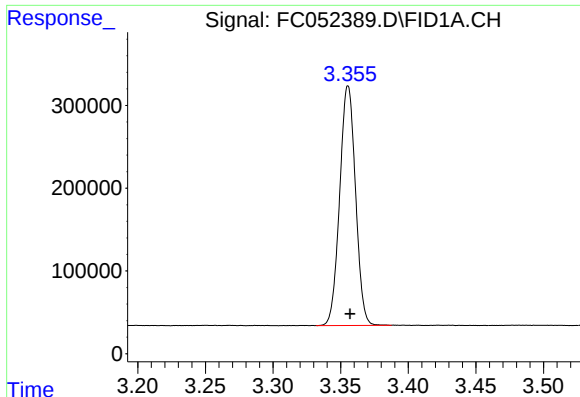
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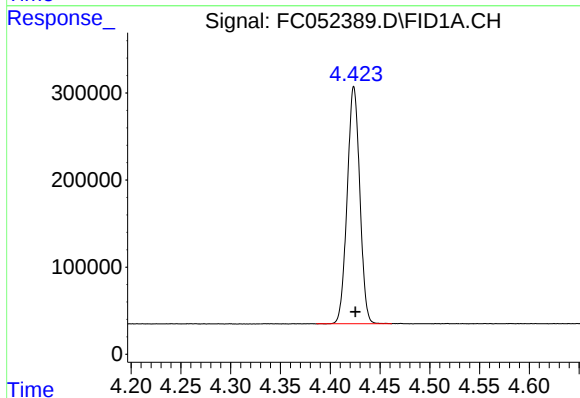




#1 n-Nonane (C9)

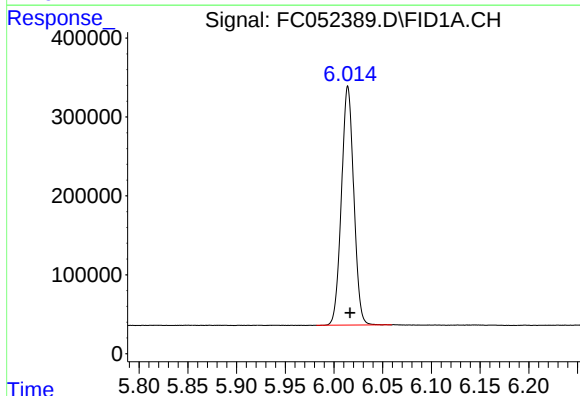
R.T.: 3.356 min
Delta R.T.: -0.001 min
Response: 2357147
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



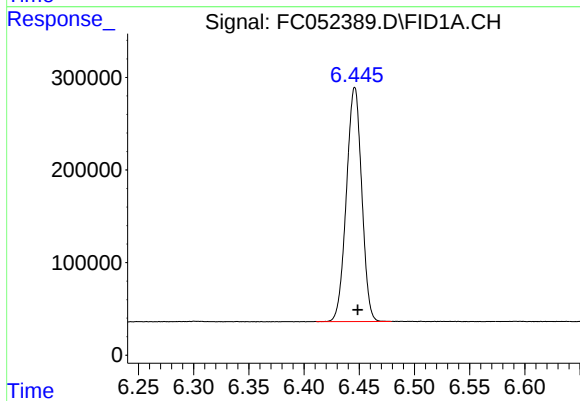
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.002 min
Response: 2396726
Conc: 20.18 ug/ml



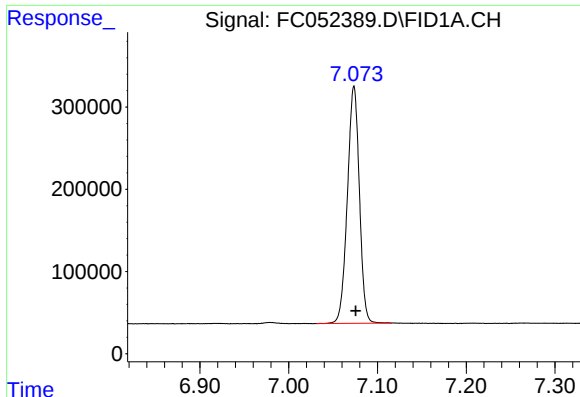
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 2674097
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

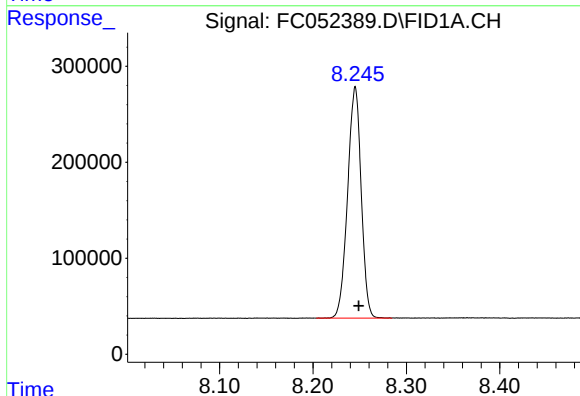
R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 2441185
Conc: 20.19 ug/ml



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

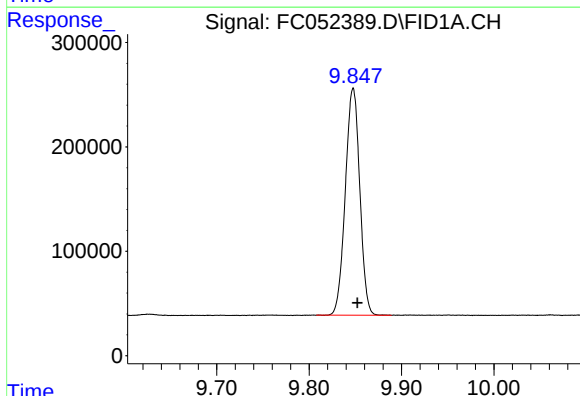
R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 2709485
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



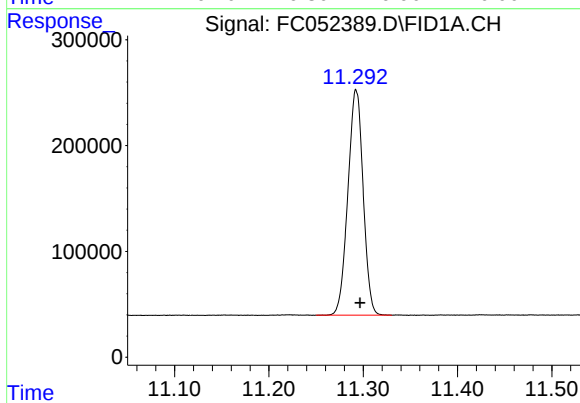
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.004 min
Response: 2434420
Conc: 20.08 ug/ml



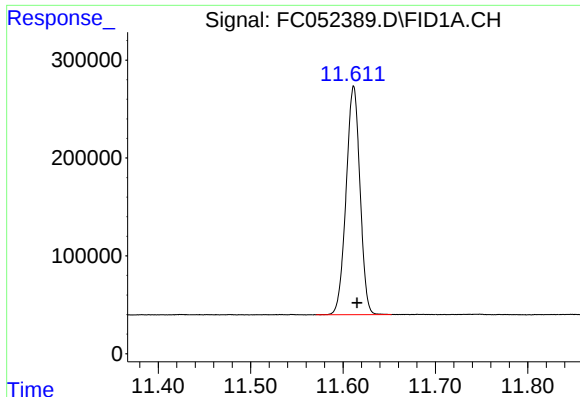
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 2365290
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

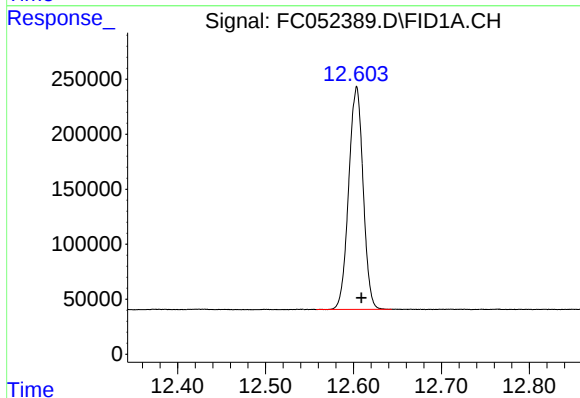
R.T.: 11.293 min
Delta R.T.: -0.004 min
Response: 2393185
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

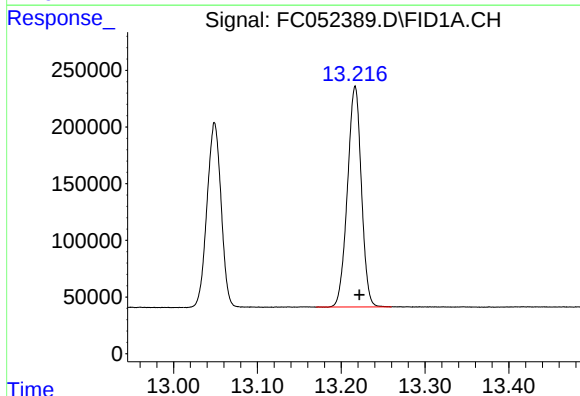
R.T.: 11.612 min
Delta R.T.: -0.003 min
Response: 2437165
Conc: 18.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



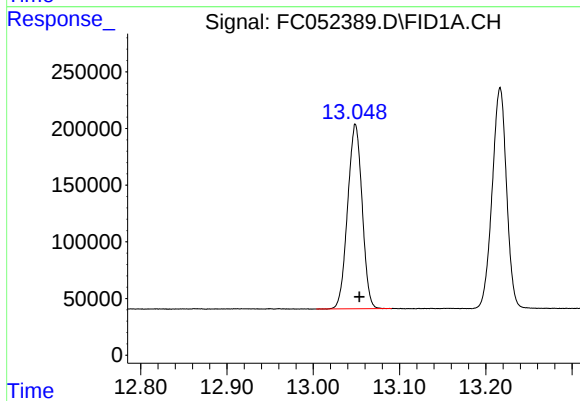
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.006 min
Response: 2308061
Conc: 18.73 ug/ml



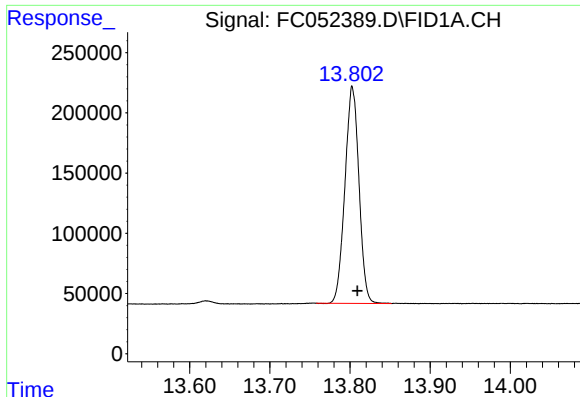
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.005 min
Response: 2249255
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

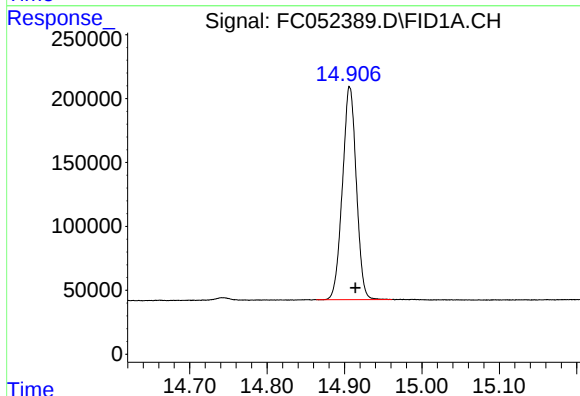
R.T.: 13.049 min
Delta R.T.: -0.005 min
Response: 1900709
Conc: 18.28 ug/ml



#13 n-Docosane (C22)

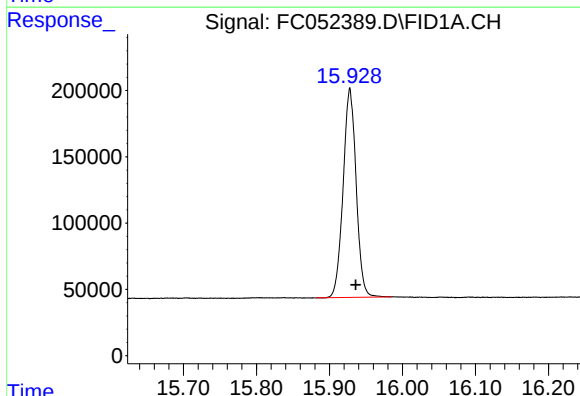
R.T.: 13.803 min
Delta R.T.: -0.006 min
Response: 2190039
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



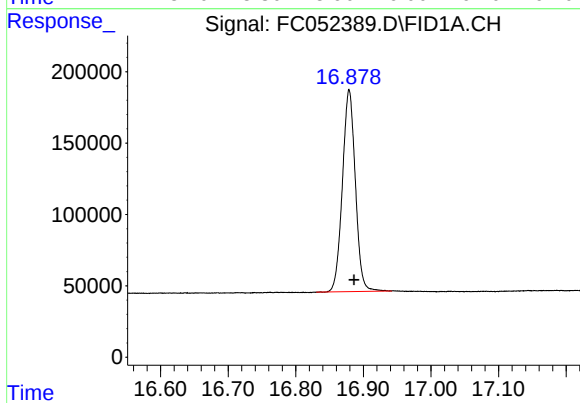
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.007 min
Response: 2080783
Conc: 17.85 ug/ml



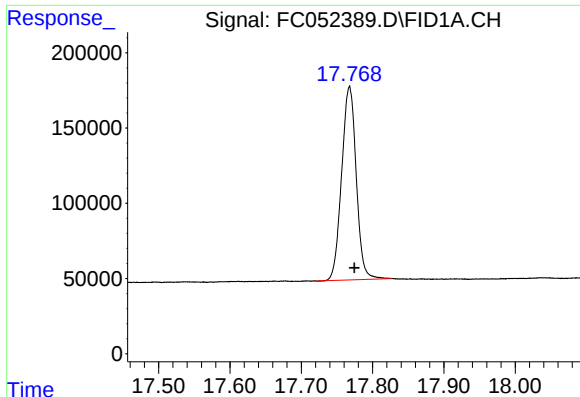
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.008 min
Response: 1955235
Conc: 17.80 ug/ml



#16 n-Octacosane (C28)

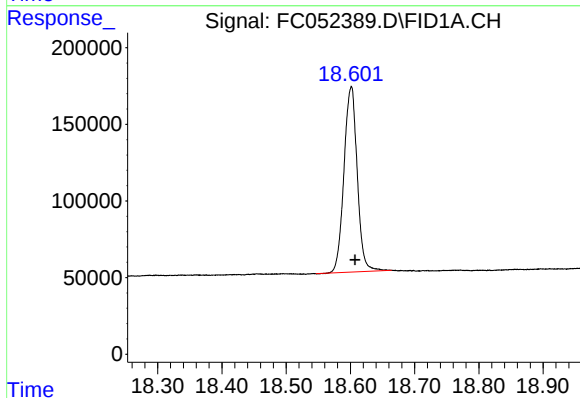
R.T.: 16.879 min
Delta R.T.: -0.007 min
Response: 1880590
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

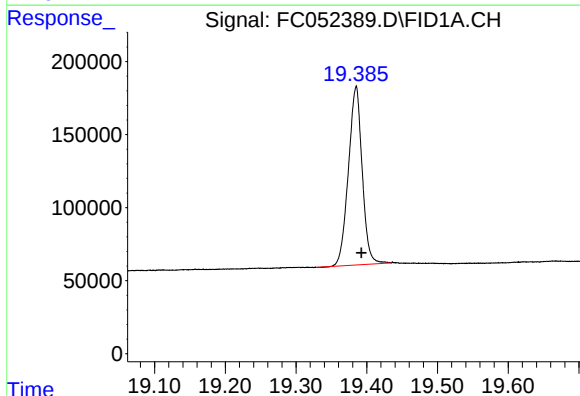
R.T.: 17.768 min
Delta R.T.: -0.007 min
Response: 1825617
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



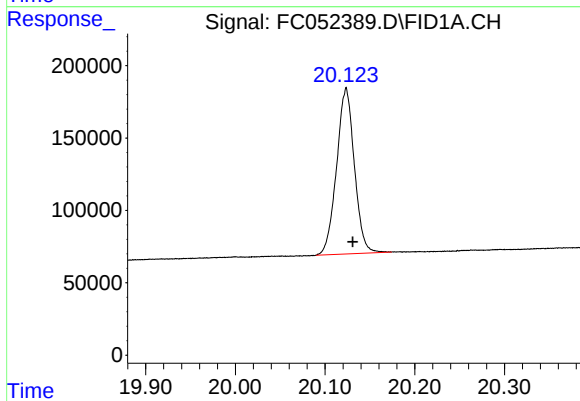
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.006 min
Response: 1733620
Conc: 20.30 ug/ml



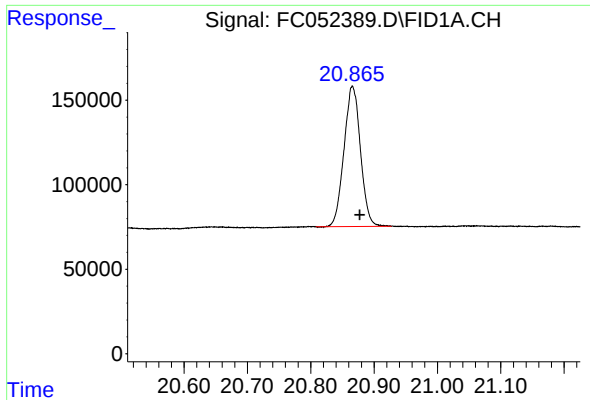
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: -0.007 min
Response: 1650785
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

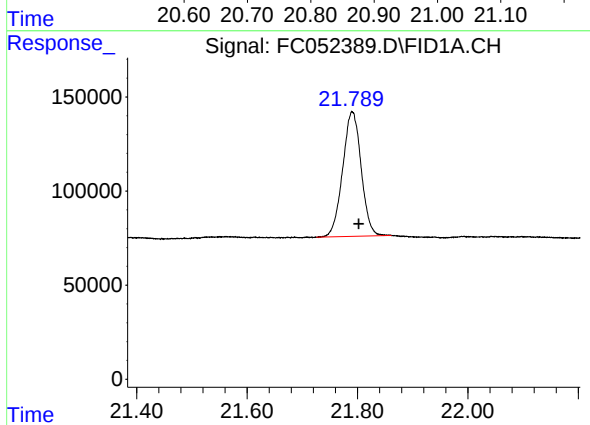
R.T.: 20.123 min
Delta R.T.: -0.007 min
Response: 1576405
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.012 min
Response: 1499279
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.012 min
Response: 1539330
Conc: 21.41 ug/ml