

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060122AL\
 Data File : FE035852.D
 Signal(s) : FID1B.CH
 Acq On : 01 Jun 2022 20:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 02 08:54:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 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)	10.952	2529852	19.072 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	12.382	1966207	18.797 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	2.803	2370253	19.846 ug/ml
2) T n-Decane (C10)	3.818	2339464	19.770 ug/ml
3) T A~Naphthalene (C11.7)	5.385	2576823	19.284 ug/ml
4) T n-Dodecane (C12)	5.807	2337915	19.514 ug/ml
5) T A~2-methylnaphthalene...	6.434	2582530	19.097 ug/ml
6) T n-Tetradecane (C14)	7.597	2314442	19.418 ug/ml
7) T n-Hexadecane (C16)	9.193	2292165	19.223 ug/ml
8) T n-Octadecane (C18)	10.632	2292723	19.126 ug/ml
10) T n-Eicosane (C20)	11.939	2264306	18.980 ug/ml
11) T n-Heneicosane (C21)	12.549	2272686	18.929 ug/ml
13) T n-Docosane (C22)	13.134	2267262	18.827 ug/ml
14) T n-Tetracosane (C24)	14.234	2290544	18.930 ug/ml
15) T n-Hexacosane (C26)	15.253	2249255	18.587 ug/ml
16) T n-Octacosane (C28)	16.202	2228406	18.387 ug/ml
17) T n-Tricontane (C30)	17.087	2171671	18.061 ug/ml
18) T n-Dotriacontane (C32)	17.919	2083086	18.126 ug/ml
19) T n-Tetratriacontane (C34)	18.700	1977993	18.285 ug/ml
20) T n-Hexatriacontane (C36)	19.437	1910230	18.963 ug/ml
21) T n-Octatriacontane (C38)	20.174	1879130	19.723 ug/ml
22) T n-Tetracontane (C40)	21.088	1978128	21.182 ug/ml

(f)=RT Delta > 1/2 Window

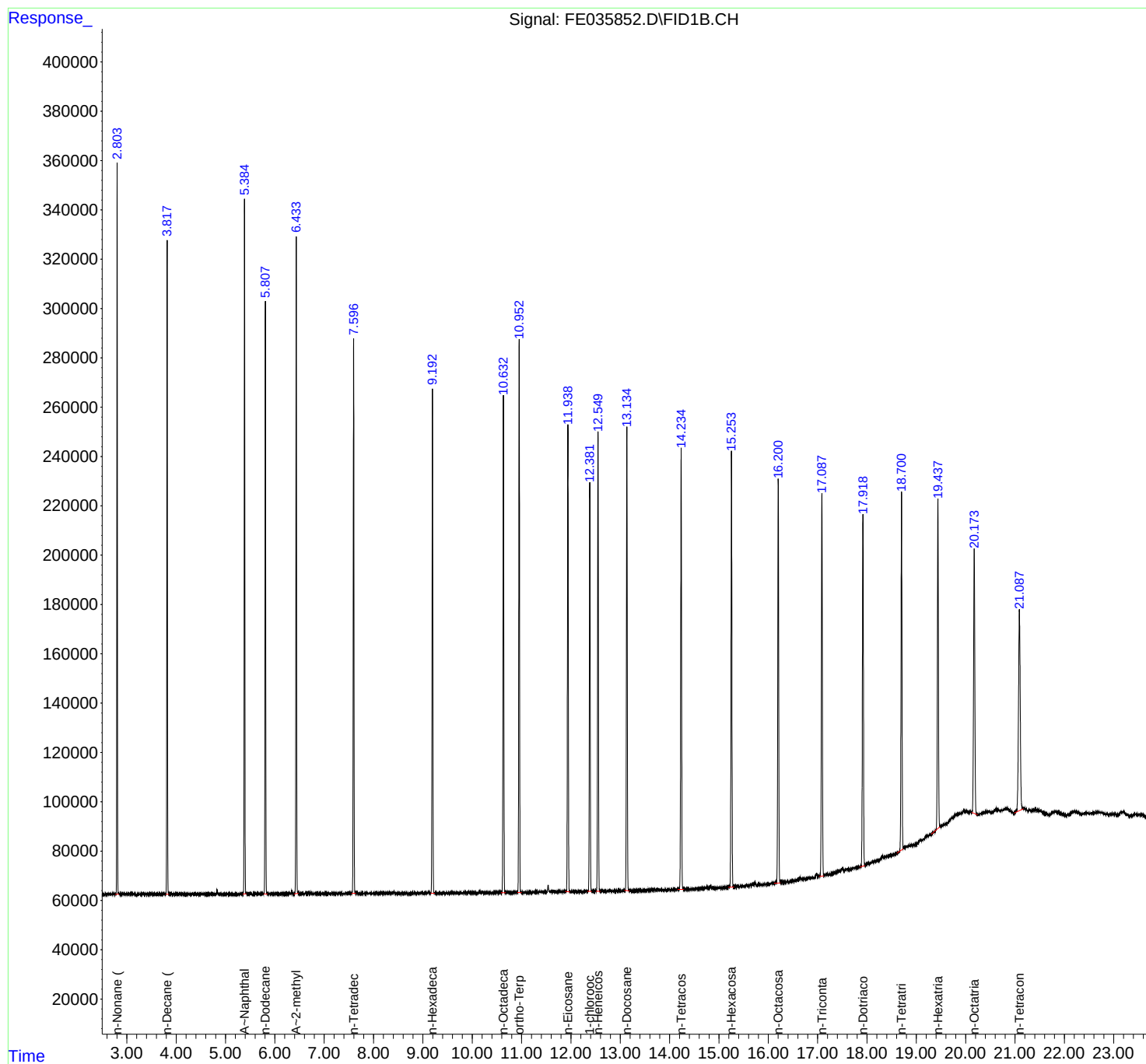
(m)=manual int.

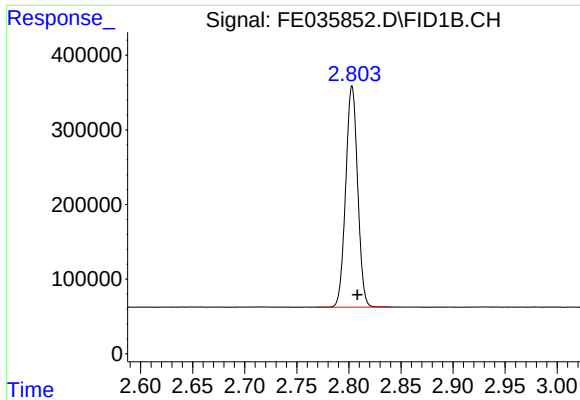
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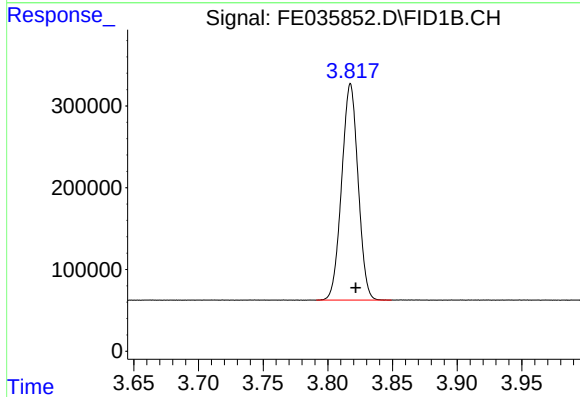




#1 n-Nonane (C9)

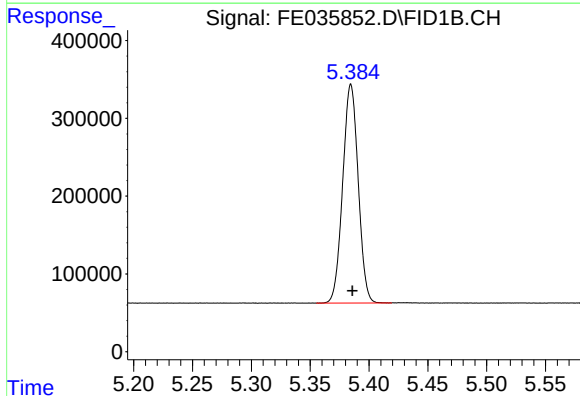
R.T.: 2.803 min
Delta R.T.: -0.005 min
Response: 2370253
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



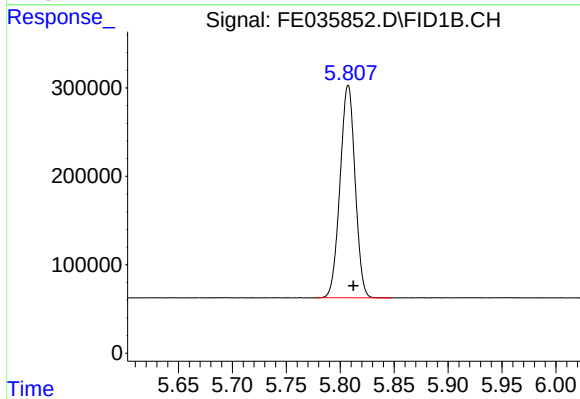
#2 n-Decane (C10)

R.T.: 3.818 min
Delta R.T.: -0.004 min
Response: 2339464
Conc: 19.77 ug/ml



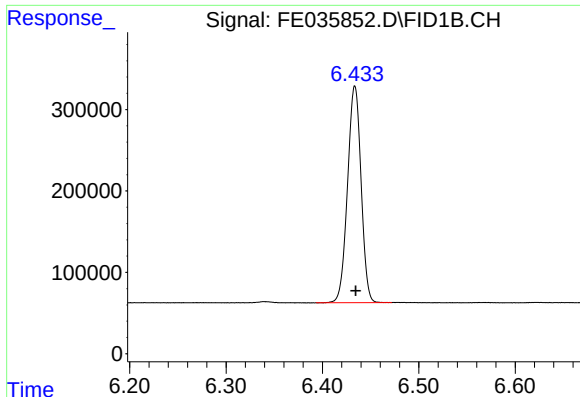
#3 A~Naphthalene (C11.7)

R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 2576823
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

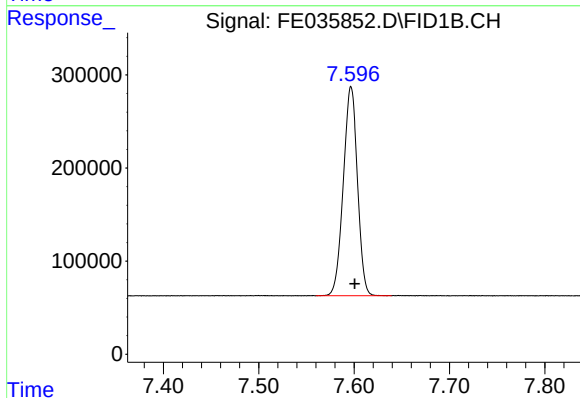
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2337915
Conc: 19.51 ug/ml



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

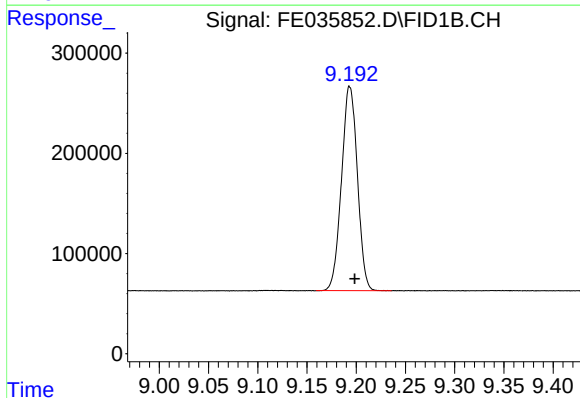
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 2582530
Conc: 19.10 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



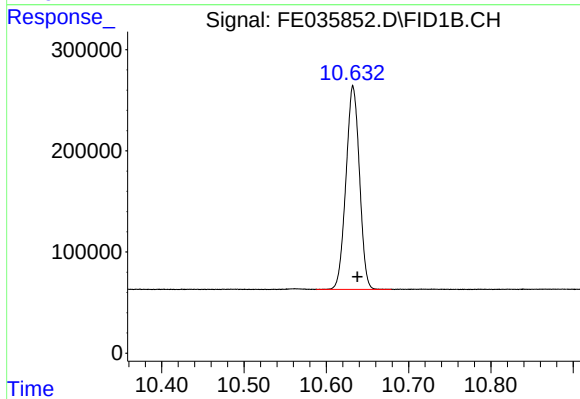
#6 n-Tetradecane (C14)

R.T.: 7.597 min
Delta R.T.: -0.004 min
Response: 2314442
Conc: 19.42 ug/ml



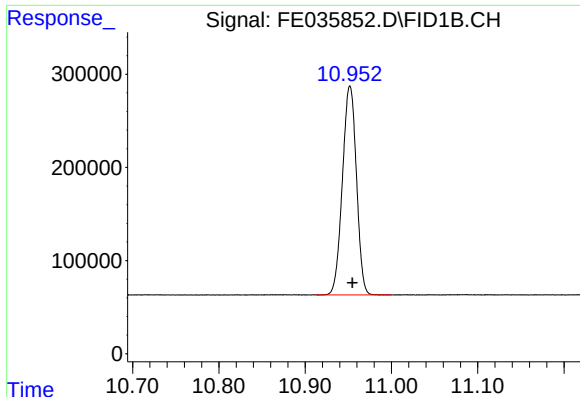
#7 n-Hexadecane (C16)

R.T.: 9.193 min
Delta R.T.: -0.005 min
Response: 2292165
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

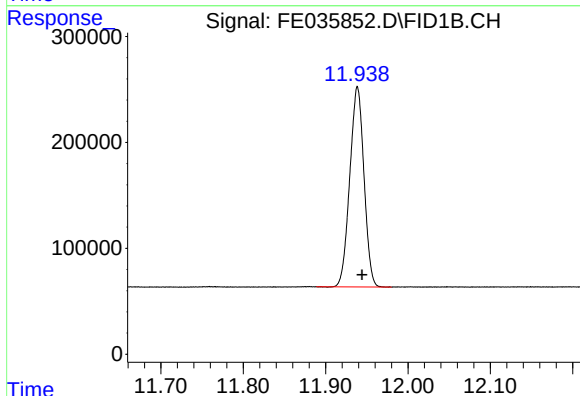
R.T.: 10.632 min
Delta R.T.: -0.005 min
Response: 2292723
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

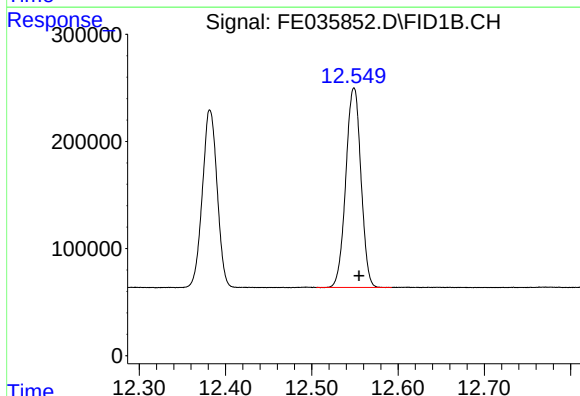
R.T.: 10.952 min
Delta R.T.: -0.003 min
Response: 2529852
Conc: 19.07 ug/ml

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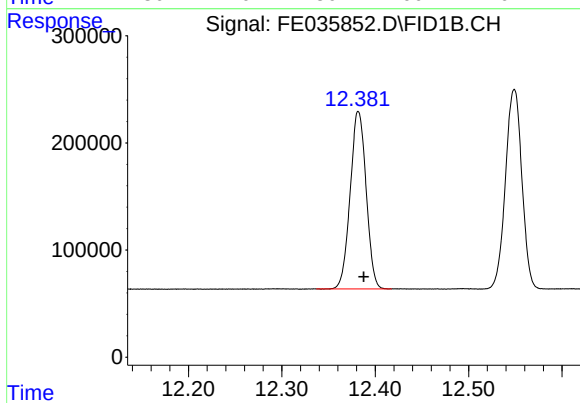
#10 n-Eicosane (C20)

R.T.: 11.939 min
Delta R.T.: -0.006 min
Response: 2264306
Conc: 18.98 ug/ml



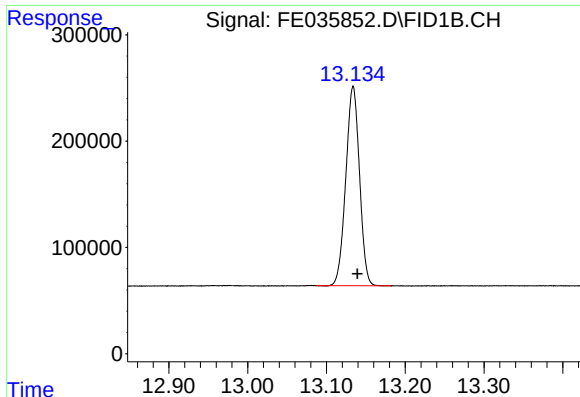
#11 n-Heneicosane (C21)

R.T.: 12.549 min
Delta R.T.: -0.006 min
Response: 2272686
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

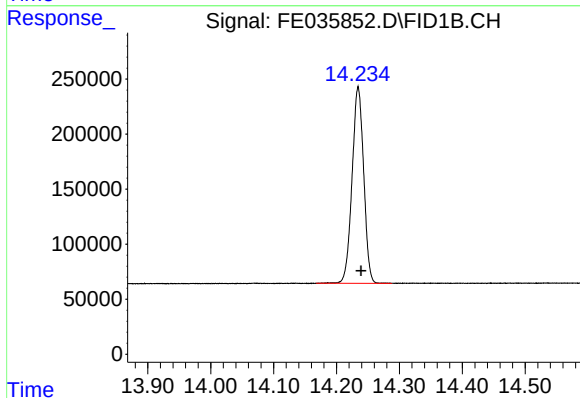
R.T.: 12.382 min
Delta R.T.: -0.006 min
Response: 1966207
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

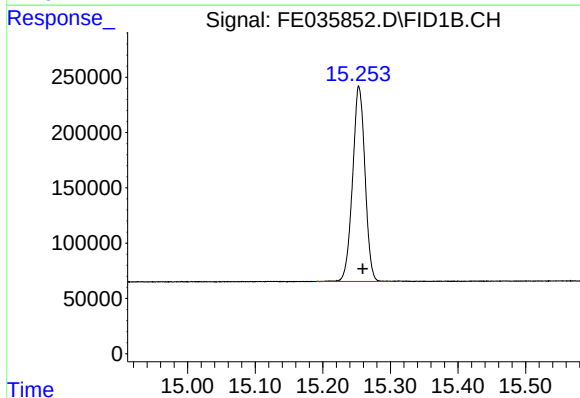
R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2267262
Conc: 18.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



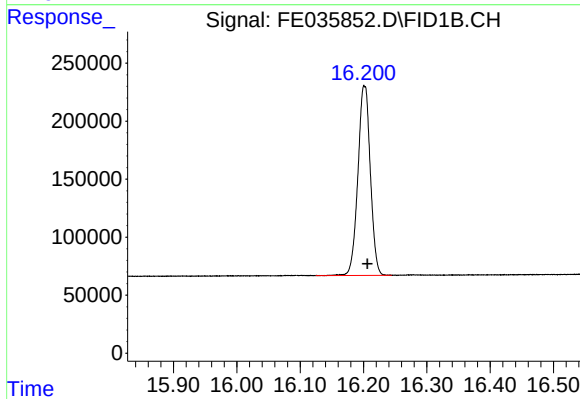
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.004 min
Response: 2290544
Conc: 18.93 ug/ml



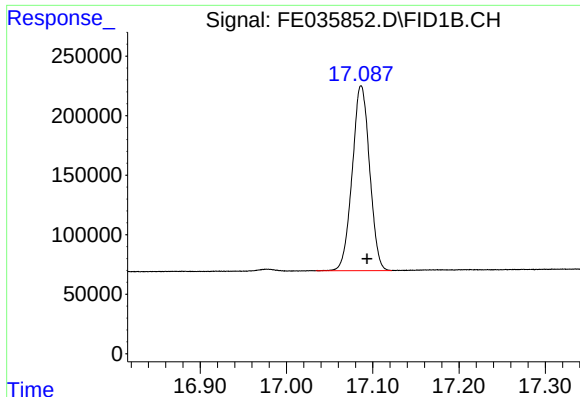
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.006 min
Response: 2249255
Conc: 18.59 ug/ml



#16 n-Octacosane (C28)

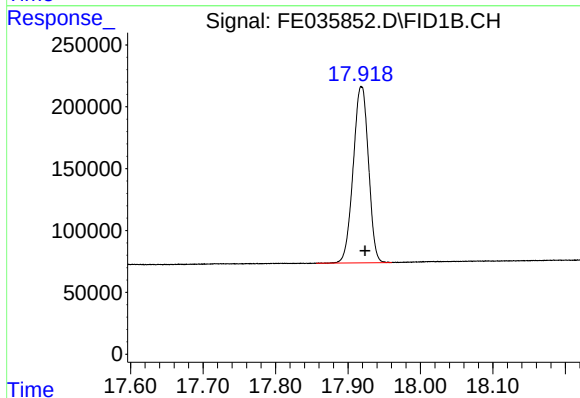
R.T.: 16.202 min
Delta R.T.: -0.005 min
Response: 2228406
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

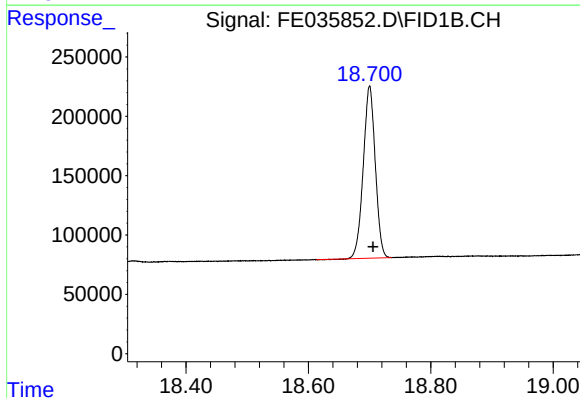
R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 2171671
Conc: 18.06 ug/ml

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20 PPM ALIPHATIC HC STD



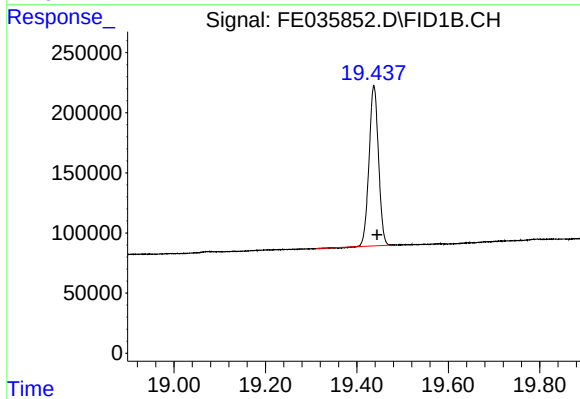
#18 n-Dotriacontane (C32)

R.T.: 17.919 min
Delta R.T.: -0.005 min
Response: 2083086
Conc: 18.13 ug/ml



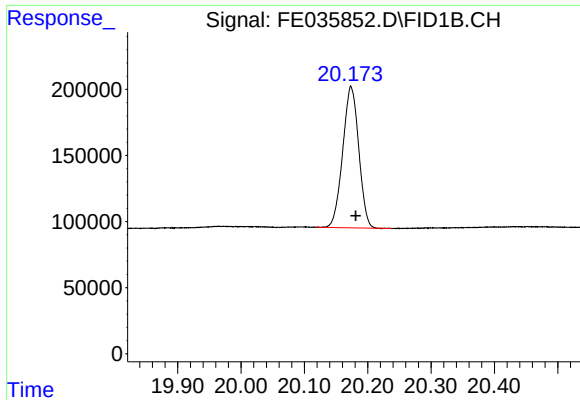
#19 n-Tetratriacontane (C34)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1977993
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

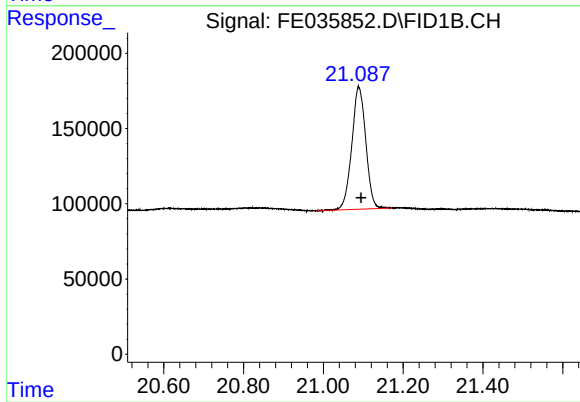
R.T.: 19.437 min
Delta R.T.: -0.007 min
Response: 1910230
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.174 min
Delta R.T.: -0.007 min
Response: 1879130
Conc: 19.72 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.088 min
Delta R.T.: -0.007 min
Response: 1978128
Conc: 21.18 ug/ml