

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061622AL\
 Data File : FE036086.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 8:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 16 13:40:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 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)	10.865	2711762	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.304	2088633	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	2.725	2742889	21.725 ug/ml
2) T n-Decane (C10)	3.734	2679282	21.512 ug/ml
3) T A~Naphthalene (C11.7)	5.292	2921489	20.989 ug/ml
4) T n-Dodecane (C12)	5.723	2646457	21.041 ug/ml
5) T A~2-methylnaphthalene...	6.341	2887522	20.662 ug/ml
6) T n-Tetradecane (C14)	7.514	2566386	20.534 ug/ml
7) T n-Hexadecane (C16)	9.113	2492922	20.369 ug/ml
8) T n-Octadecane (C18)	10.553	2461891	20.226 ug/ml
10) T n-Eicosane (C20)	11.862	2411748	19.970 ug/ml
11) T n-Heneicosane (C21)	12.474	2411608	19.915 ug/ml
13) T n-Docosane (C22)	13.060	2397221	19.846 ug/ml
14) T n-Tetracosane (C24)	14.161	2387156	19.665 ug/ml
15) T n-Hexacosane (C26)	15.181	2372910	19.537 ug/ml
16) T n-Octacosane (C28)	16.131	2366369	19.448 ug/ml
17) T n-Tricontane (C30)	17.018	2368535	19.560 ug/ml
18) T n-Dotriacontane (C32)	17.851	2279752	19.514 ug/ml
19) T n-Tetratriacontane (C34)	18.634	2159752	19.738 ug/ml
20) T n-Hexatriacontane (C36)	19.376	2048368	20.077 ug/ml
21) T n-Octatriacontane (C38)	20.101	2014106	20.476 ug/ml
22) T n-Tetracontane (C40)	20.991	2046181	21.013 ug/ml

(f)=RT Delta > 1/2 Window

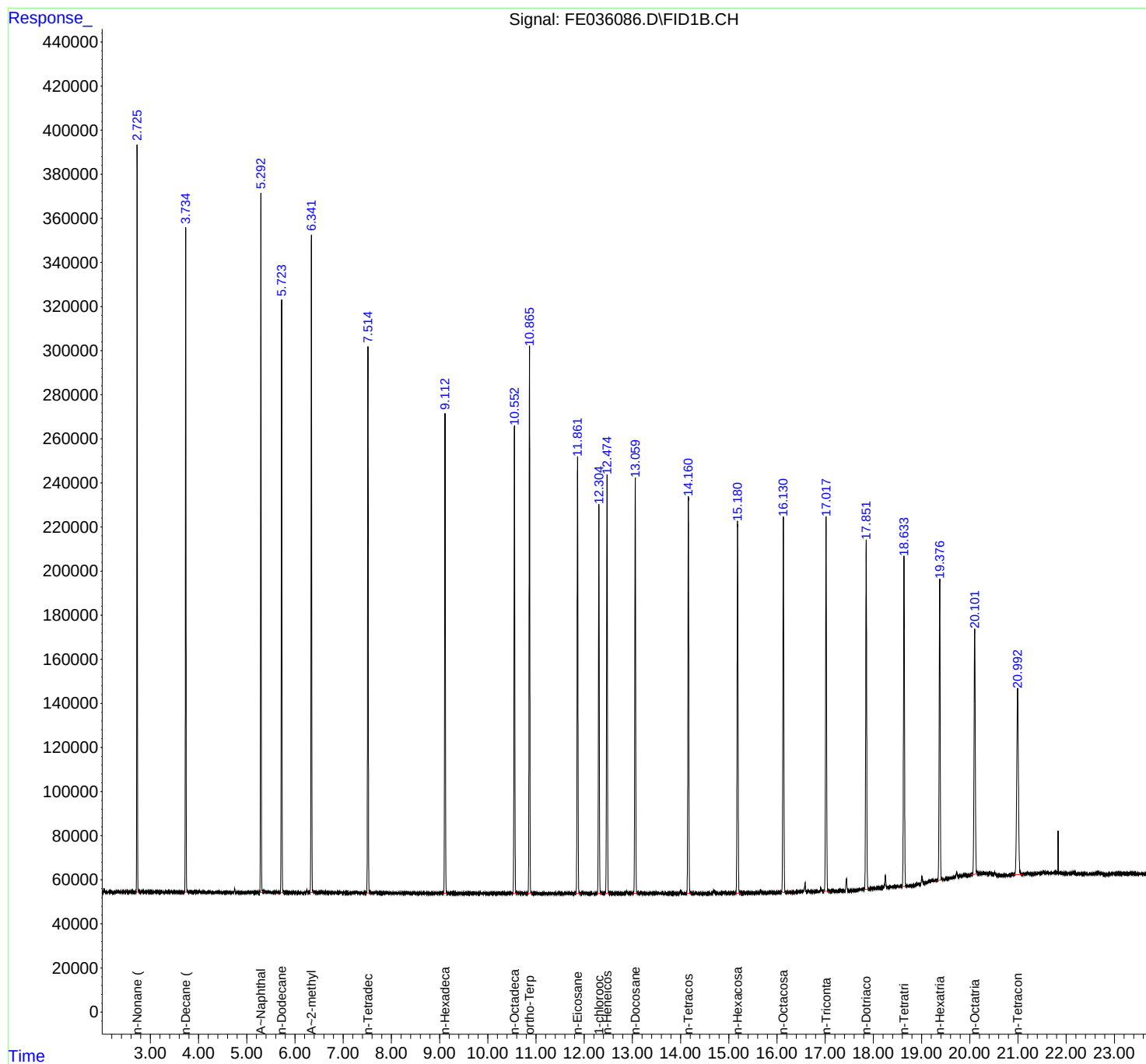
(m)=manual int.

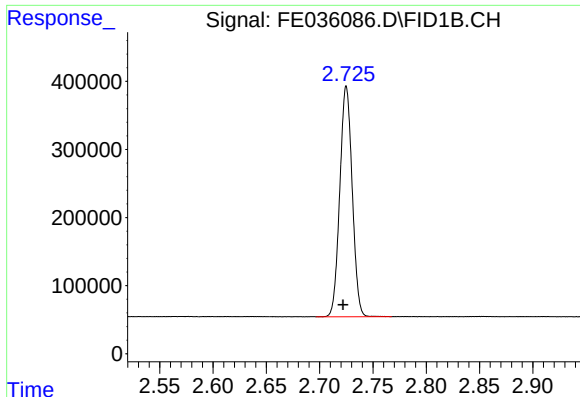
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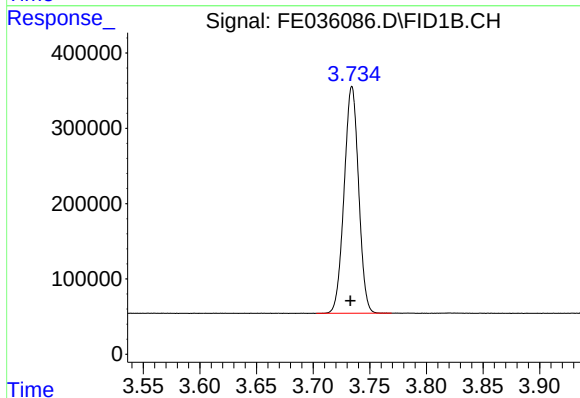




#1 n-Nonane (C9)

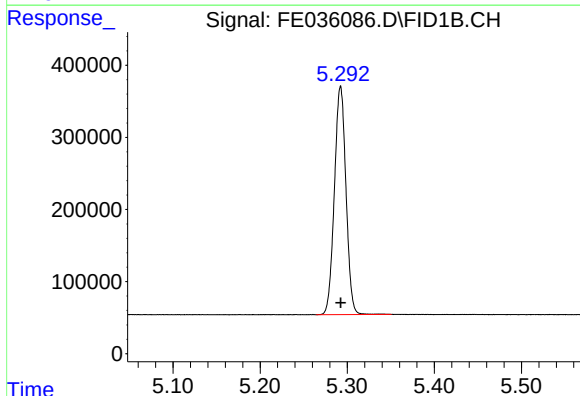
R.T.: 2.725 min
Delta R.T.: 0.003 min
Response: 2742889
Conc: 21.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



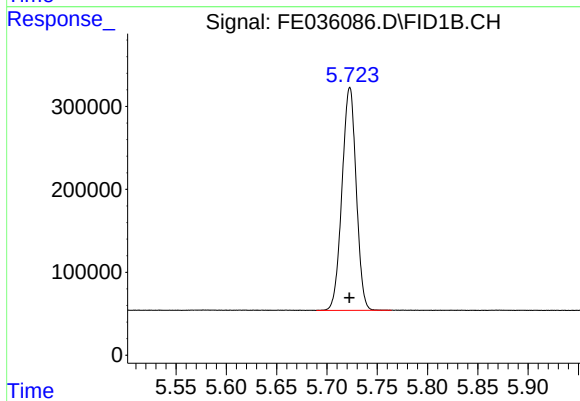
#2 n-Decane (C10)

R.T.: 3.734 min
Delta R.T.: 0.001 min
Response: 2679282
Conc: 21.51 ug/ml



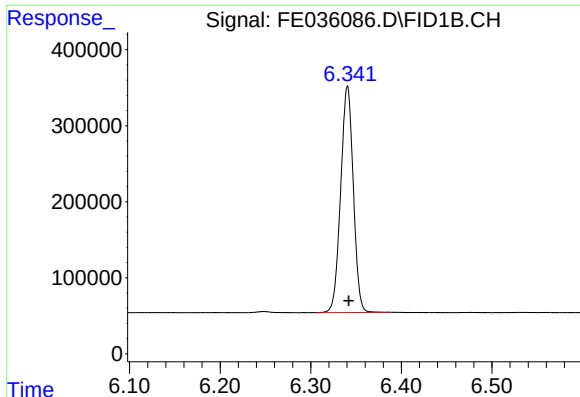
#3 A~Naphthalene (C11.7)

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 2921489
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

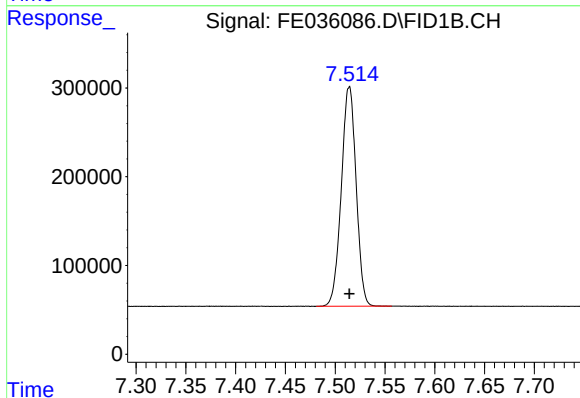
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 2646457
Conc: 21.04 ug/ml



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

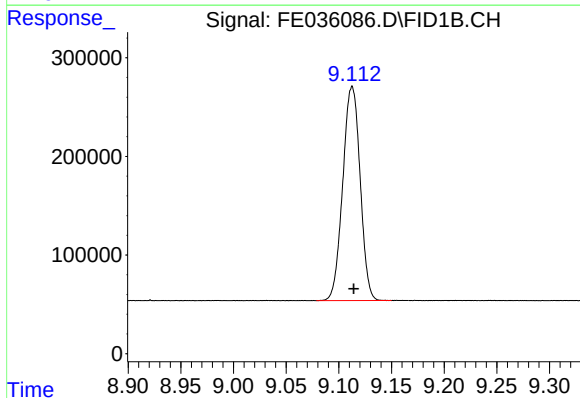
R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 2887522
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



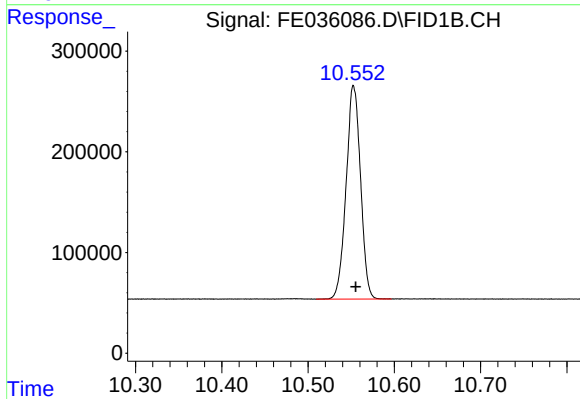
#6 n-Tetradecane (C14)

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 2566386
Conc: 20.53 ug/ml



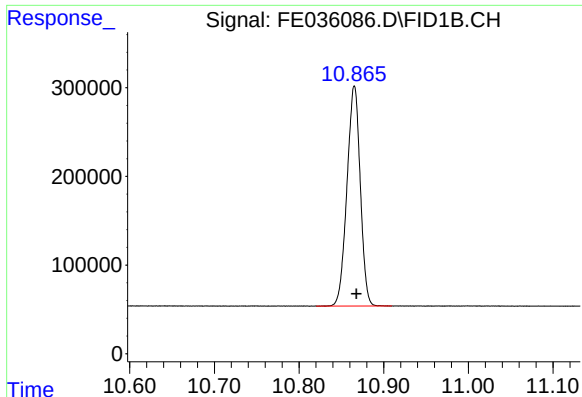
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 2492922
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

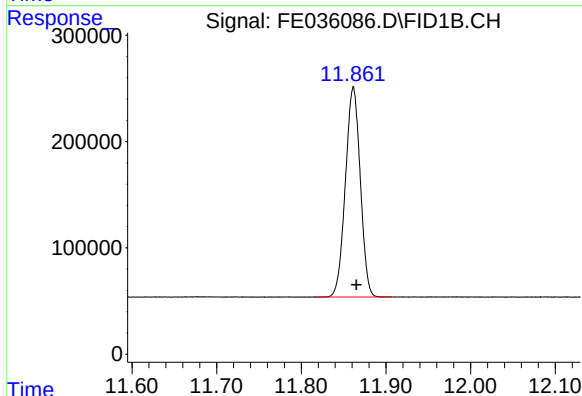
R.T.: 10.553 min
Delta R.T.: -0.003 min
Response: 2461891
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

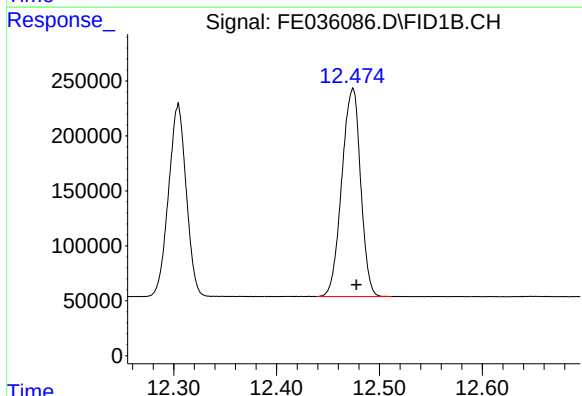
R.T.: 10.865 min
Delta R.T.: -0.002 min
Response: 2711762
Conc: 19.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



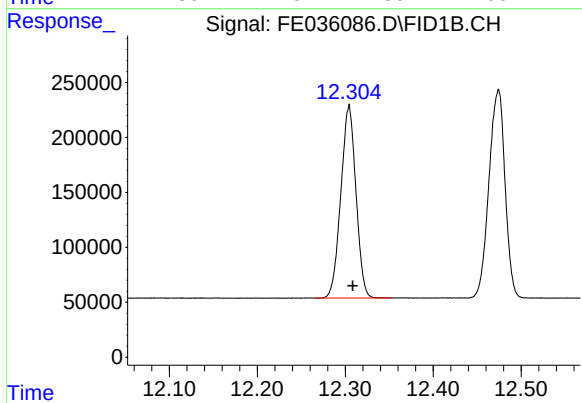
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: -0.003 min
Response: 2411748
Conc: 19.97 ug/ml



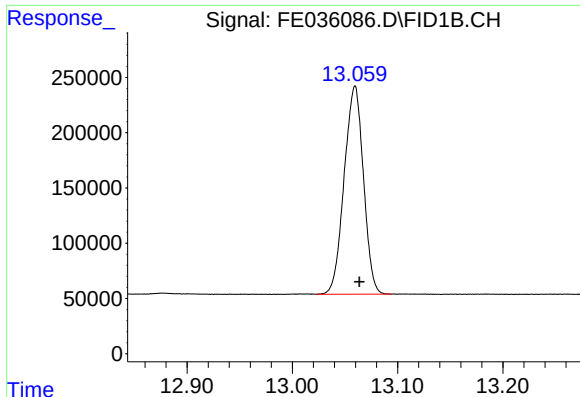
#11 n-Heneicosane (C21)

R.T.: 12.474 min
Delta R.T.: -0.003 min
Response: 2411608
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

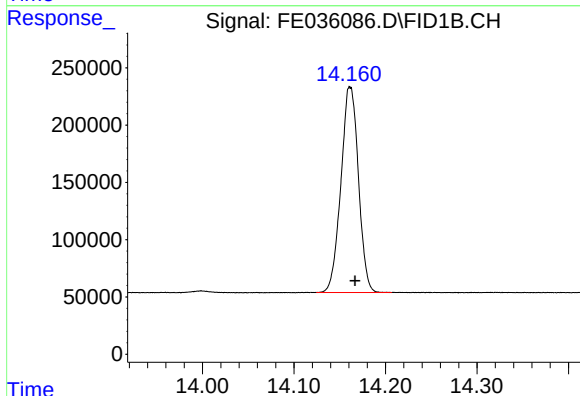
R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 2088633
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

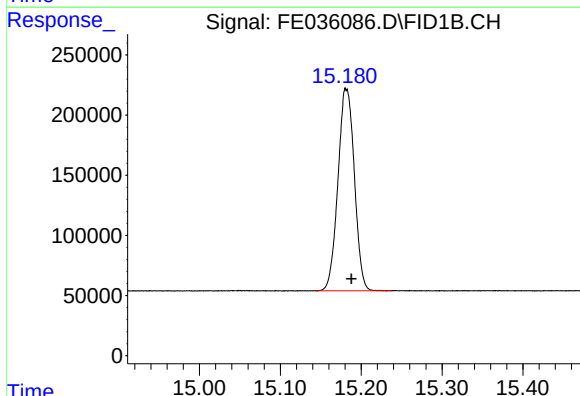
R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 2397221
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



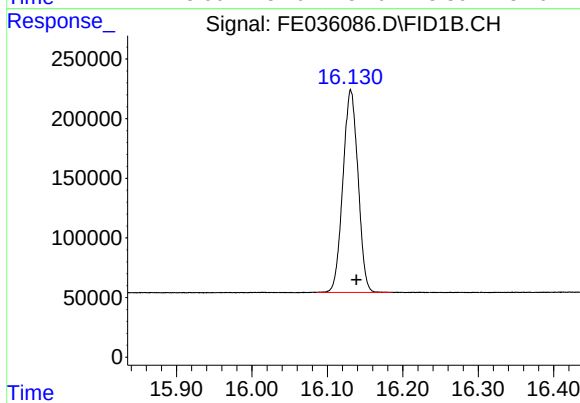
#14 n-Tetracosane (C24)

R.T.: 14.161 min
Delta R.T.: -0.006 min
Response: 2387156
Conc: 19.67 ug/ml



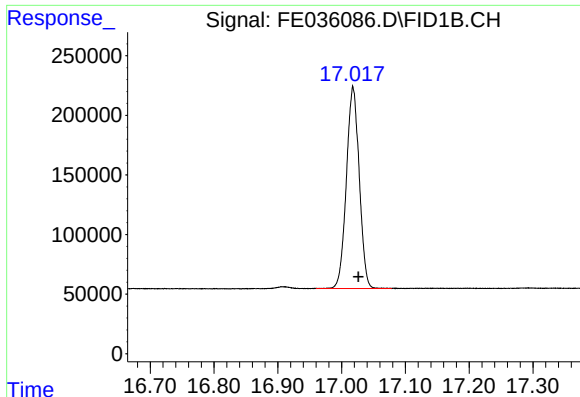
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: -0.007 min
Response: 2372910
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

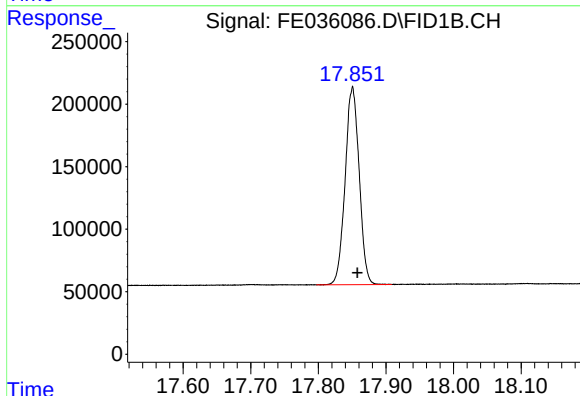
R.T.: 16.131 min
Delta R.T.: -0.007 min
Response: 2366369
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

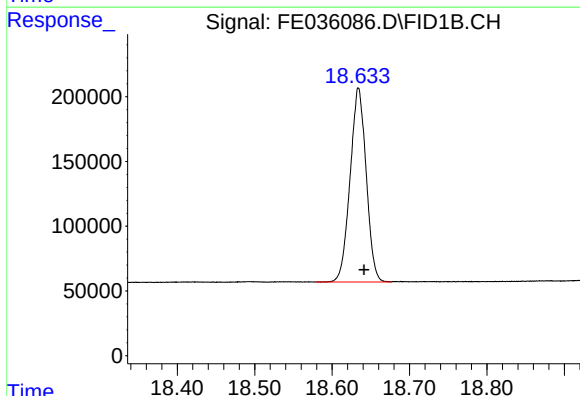
R.T.: 17.018 min
Delta R.T.: -0.008 min
Response: 2368535
Conc: 19.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



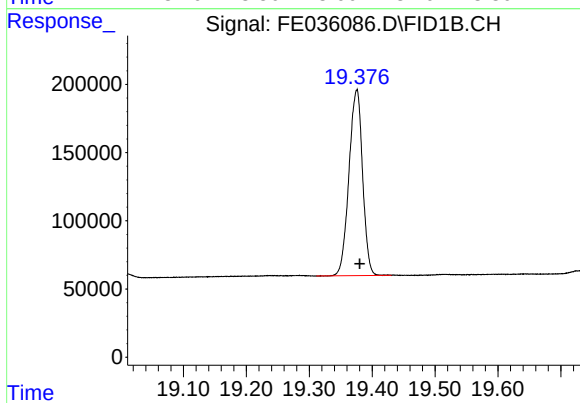
#18 n-Dotriacontane (C32)

R.T.: 17.851 min
Delta R.T.: -0.007 min
Response: 2279752
Conc: 19.51 ug/ml



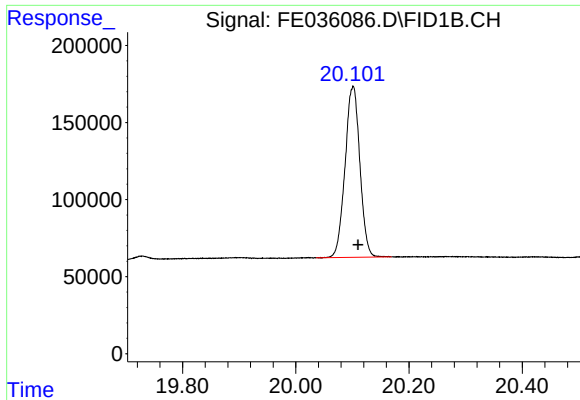
#19 n-Tetratriacontane (C34)

R.T.: 18.634 min
Delta R.T.: -0.007 min
Response: 2159752
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

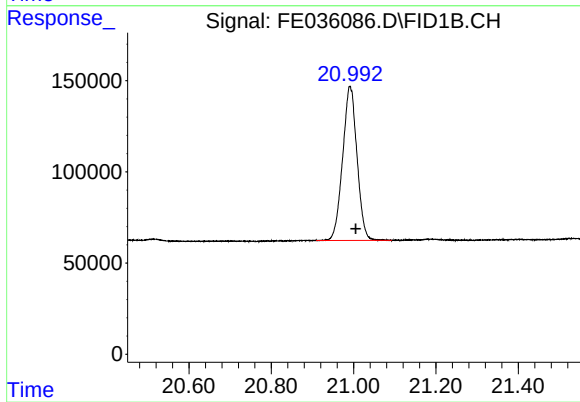
R.T.: 19.376 min
Delta R.T.: -0.005 min
Response: 2048368
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.101 min
Delta R.T.: -0.009 min
Response: 2014106
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.991 min
Delta R.T.: -0.014 min
Response: 2046181
Conc: 21.01 ug/ml