

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050724AL\
 Data File : FE048003.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2024 08:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 07 11:38:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.976	2674733	18.540 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.410	2064589	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.353	2305155	17.886 ug/ml
2) T n-Decane (C10)	4.606	2415204	18.345 ug/ml
3) T A~Naphthalene (C11.7)	6.316	2544827	18.430 ug/ml
4) T n-Dodecane (C12)	6.772	2450302	18.380 ug/ml
5) T A~2-methylnaphthalene...	7.412	2473724	18.589 ug/ml
6) T n-Tetradecane (C14)	8.601	2437722	18.395 ug/ml
7) T n-Hexadecane (C16)	10.209	2537255	18.448 ug/ml
8) T n-Octadecane (C18)	11.654	2587158	18.573 ug/ml
10) T n-Eicosane (C20)	12.964	2511902	18.656 ug/ml
11) T n-Heneicosane (C21)	13.576	2454301	18.541 ug/ml
13) T n-Docosane (C22)	14.162	2508490	18.929 ug/ml
14) T n-Tetracosane (C24)	15.265	2616028	19.647 ug/ml
15) T n-Hexacosane (C26)	16.287	2693782	20.187 ug/ml
16) T n-Octacosane (C28)	17.236	2800187	21.031 ug/ml
17) T n-Tricontane (C30)	18.124	3037341	22.008 ug/ml
18) T n-Dotriacontane (C32)	18.957	3068359	22.214 ug/ml
19) T n-Tetratriacontane (C34)	19.741	2902796	21.309 ug/ml
20) T n-Hexatriacontane (C36)	20.481	2868161	21.183 ug/ml
21) T n-Octatriacontane (C38)	21.224	2637617	19.104 ug/ml
22) T n-Tetracontane (C40)	22.156	2446880	17.563 ug/ml

(f)=RT Delta > 1/2 Window

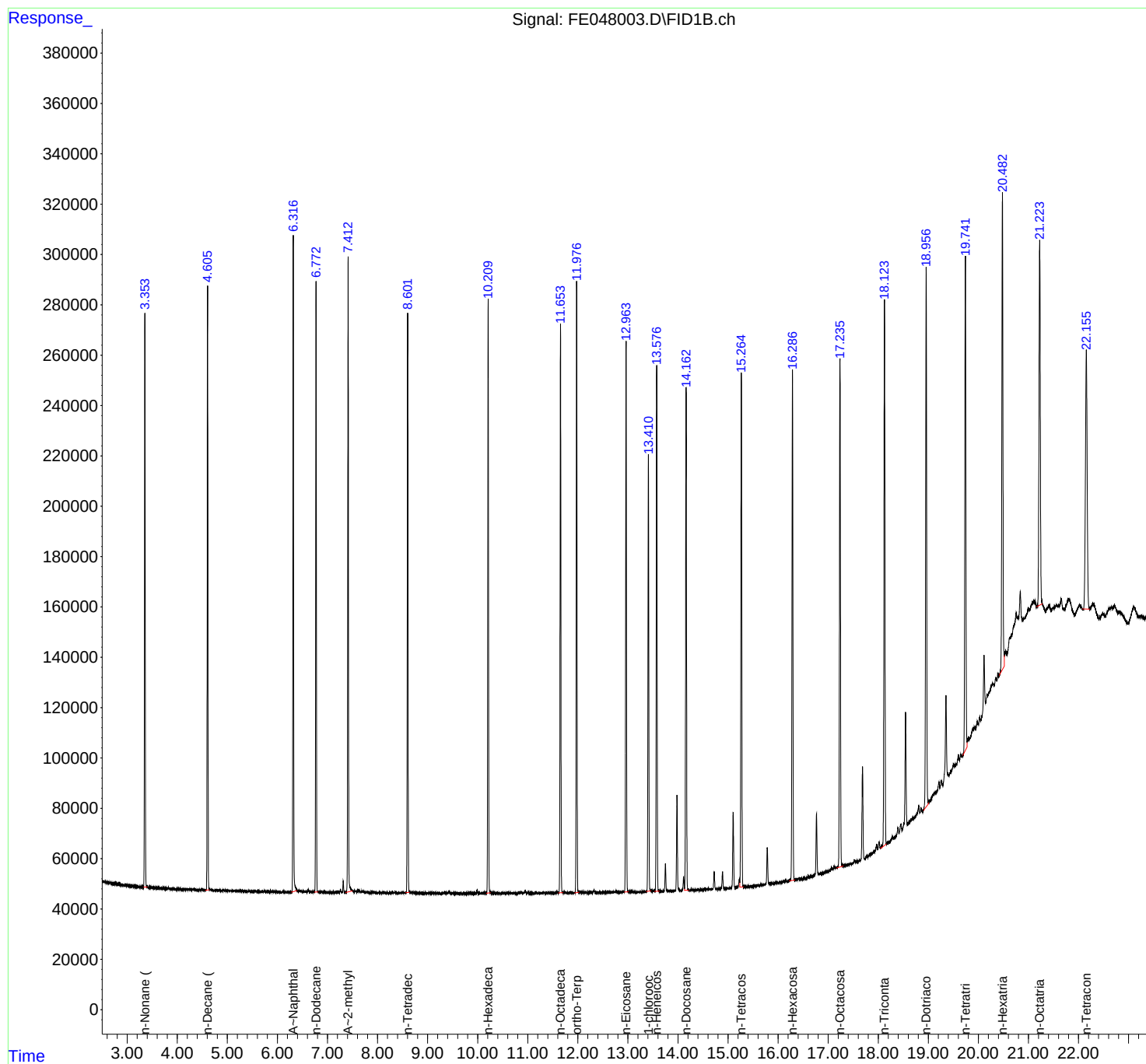
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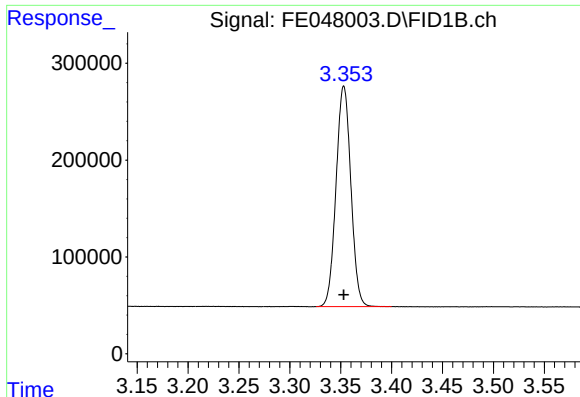
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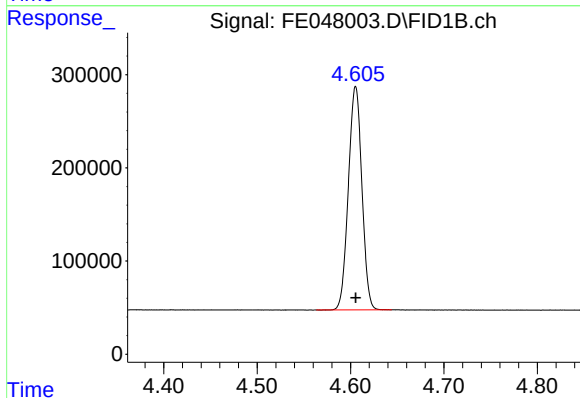




#1 n-Nonane (C9)

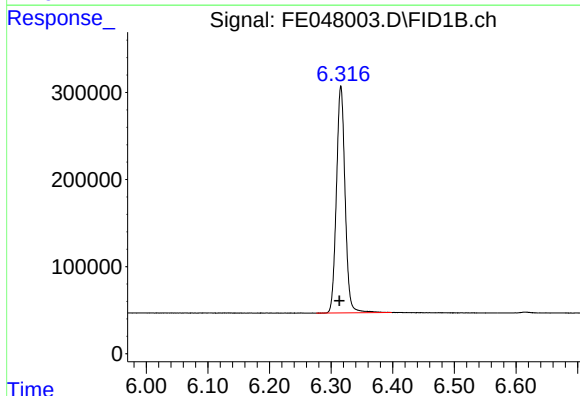
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2305155
Conc: 17.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



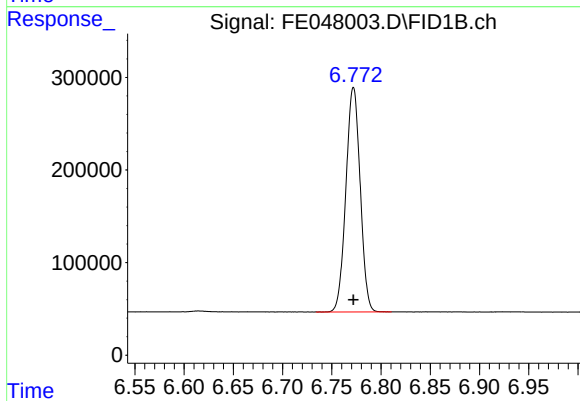
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2415204
Conc: 18.35 ug/ml



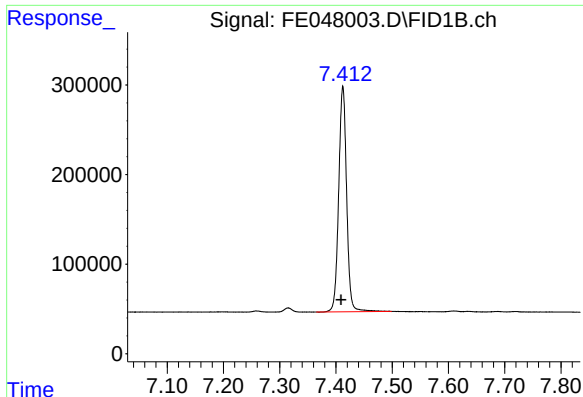
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 2544827
Conc: 18.43 ug/ml



#4 n-Dodecane (C12)

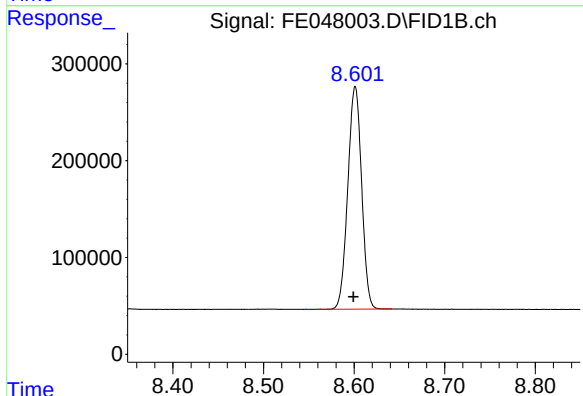
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2450302
Conc: 18.38 ug/ml



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

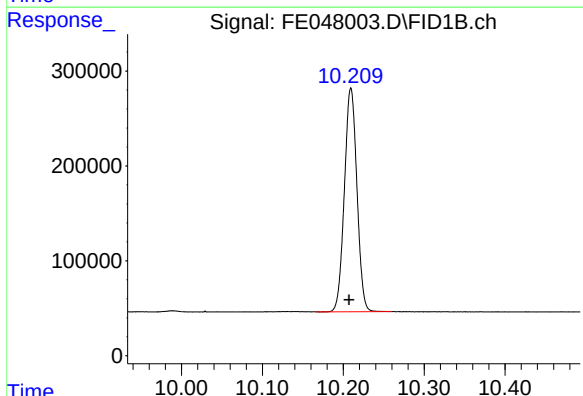
R.T.: 7.412 min
Delta R.T.: 0.003 min
Response: 2473724
Conc: 18.59 ug/ml

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20 PPM ALIPHATIC HC STD



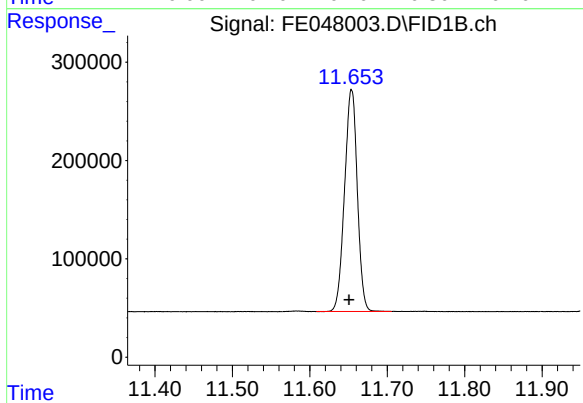
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 2437722
Conc: 18.39 ug/ml



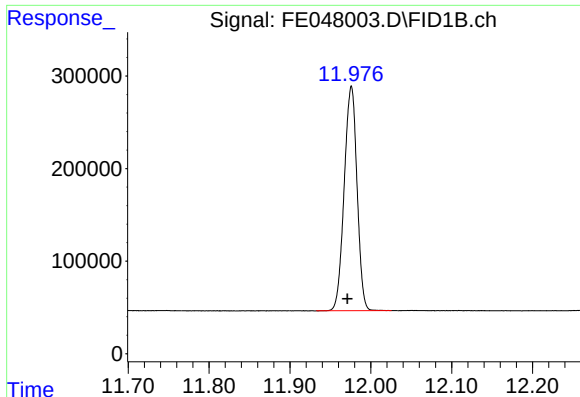
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 2537255
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

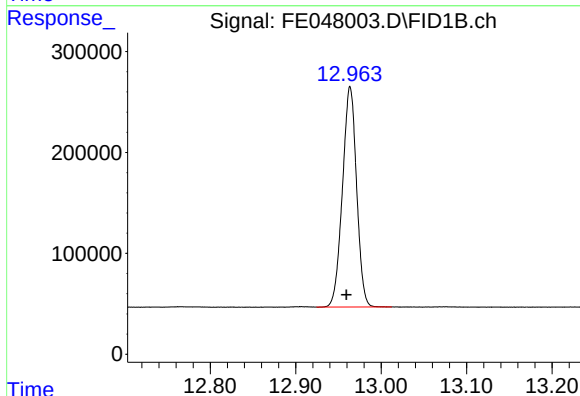
R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 2587158
Conc: 18.57 ug/ml



#9 ortho-Terphenyl (SURR)

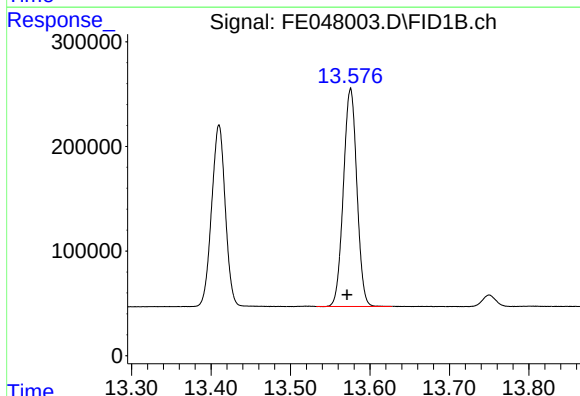
R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 2674733
Conc: 18.54 ug/ml

Instrument :
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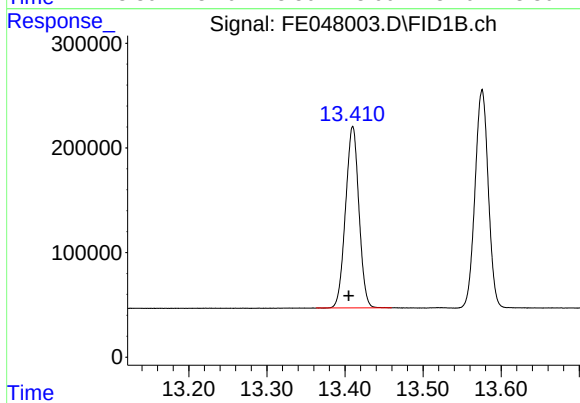
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.004 min
Response: 2511902
Conc: 18.66 ug/ml



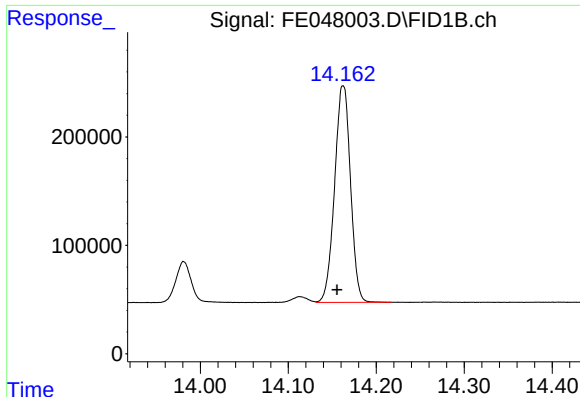
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 2454301
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

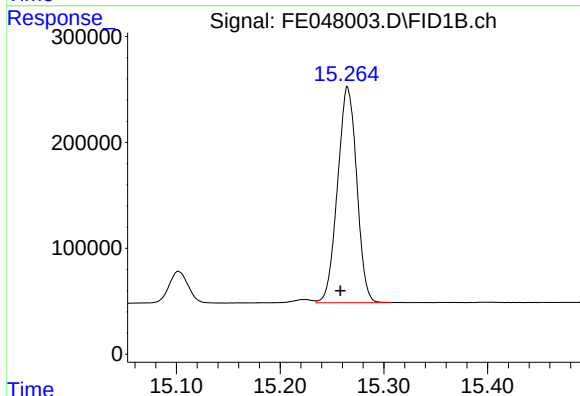
R.T.: 13.410 min
Delta R.T.: 0.005 min
Response: 2064589
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

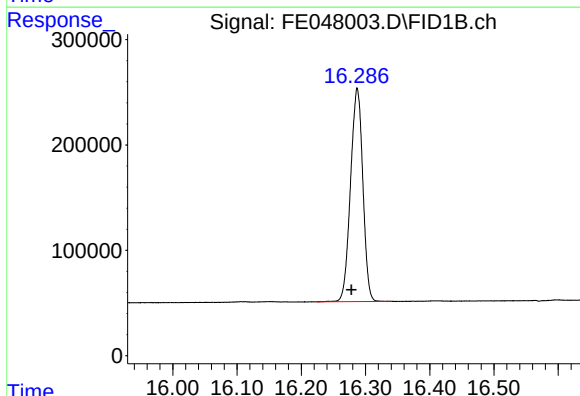
R.T.: 14.162 min
Delta R.T.: 0.007 min
Response: 2508490
Conc: 18.93 ug/ml

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20 PPM ALIPHATIC HC STD



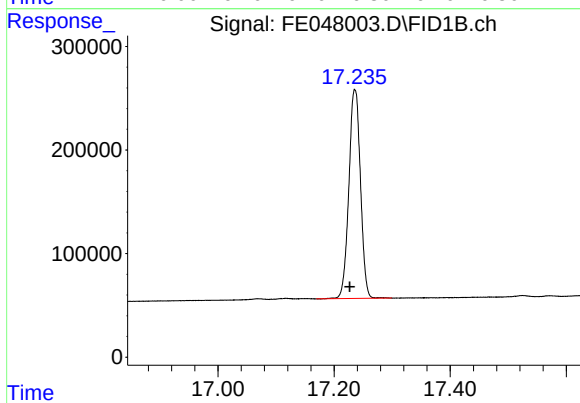
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 2616028
Conc: 19.65 ug/ml



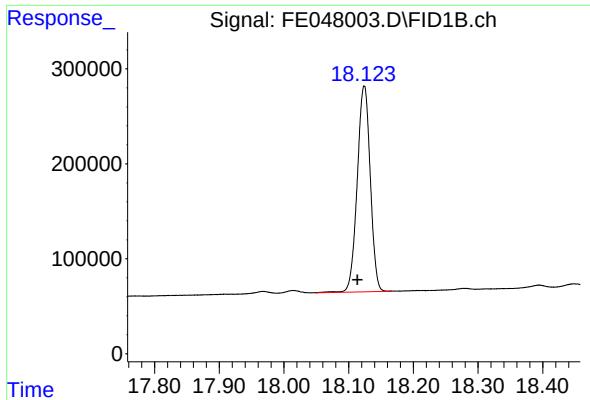
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.009 min
Response: 2693782
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

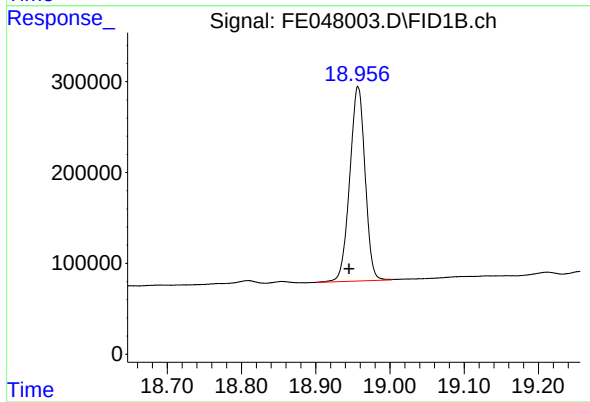
R.T.: 17.236 min
Delta R.T.: 0.009 min
Response: 2800187
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

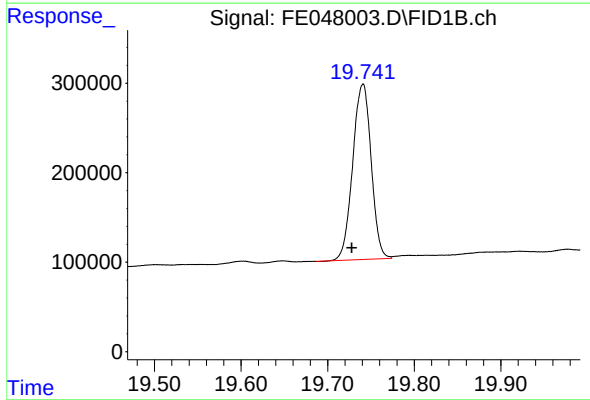
R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 3037341
Conc: 22.01 ug/ml

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20 PPM ALIPHATIC HC STD



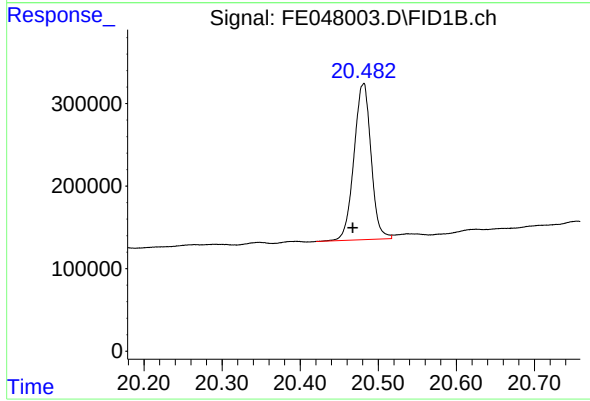
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.012 min
Response: 3068359
Conc: 22.21 ug/ml



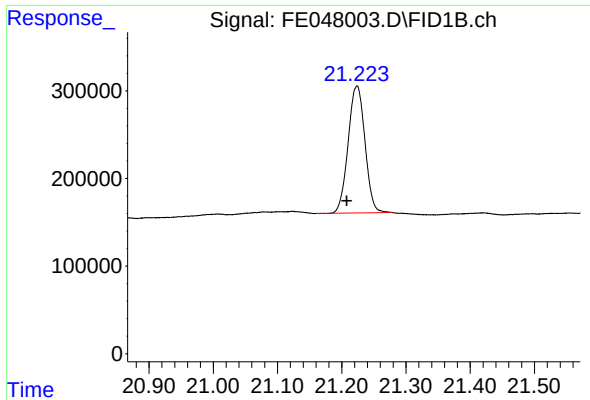
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.013 min
Response: 2902796
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

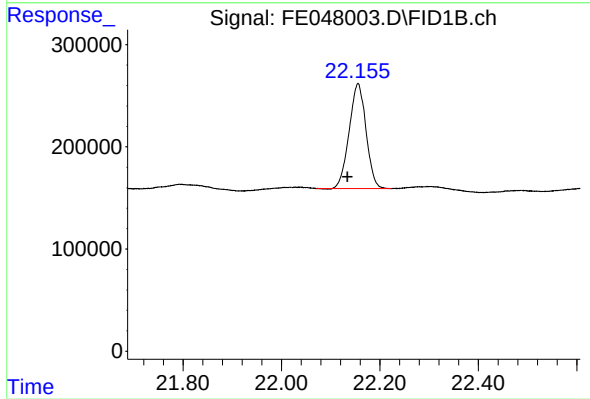
R.T.: 20.481 min
Delta R.T.: 0.014 min
Response: 2868161
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.016 min
Response: 2637617
Conc: 19.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.022 min
Response: 2446880
Conc: 17.56 ug/ml