

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
 Data File : FF014014.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2024 17:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 12 22:13:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 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)	11.858	2787702	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.298	2076378	19.241 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.258	2372735	19.162 ug/ml
2) T n-Decane (C10)	4.507	2427843	19.211 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2604885	19.333 ug/ml
4) T n-Dodecane (C12)	6.669	2460816	19.233 ug/ml
5) T A~2-methylnaphthalene...	7.296	2485992	19.381 ug/ml
6) T n-Tetradecane (C14)	8.495	2444176	19.295 ug/ml
7) T n-Hexadecane (C16)	10.102	2546521	19.255 ug/ml
8) T n-Octadecane (C18)	11.545	2608904	19.162 ug/ml
10) T n-Eicosane (C20)	12.855	2533168	19.137 ug/ml
11) T n-Heneicosane (C21)	13.467	2499584	19.130 ug/ml
13) T n-Docosane (C22)	14.054	2479596	19.120 ug/ml
14) T n-Tetracosane (C24)	15.158	2450646	19.085 ug/ml
15) T n-Hexacosane (C26)	16.181	2369297	19.055 ug/ml
16) T n-Octacosane (C28)	17.133	2258767	18.971 ug/ml
17) T n-Tricontane (C30)	18.020	2233149	19.000 ug/ml
18) T n-Dotriacontane (C32)	18.854	2157188	19.054 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2044765	19.070 ug/ml
20) T n-Hexatriacontane (C36)	20.379	1922713	19.104 ug/ml
21) T n-Octatriacontane (C38)	21.107	1916903	18.423 ug/ml
22) T n-Tetracontane (C40)	21.993	1878210	18.663 ug/ml

(f)=RT Delta > 1/2 Window

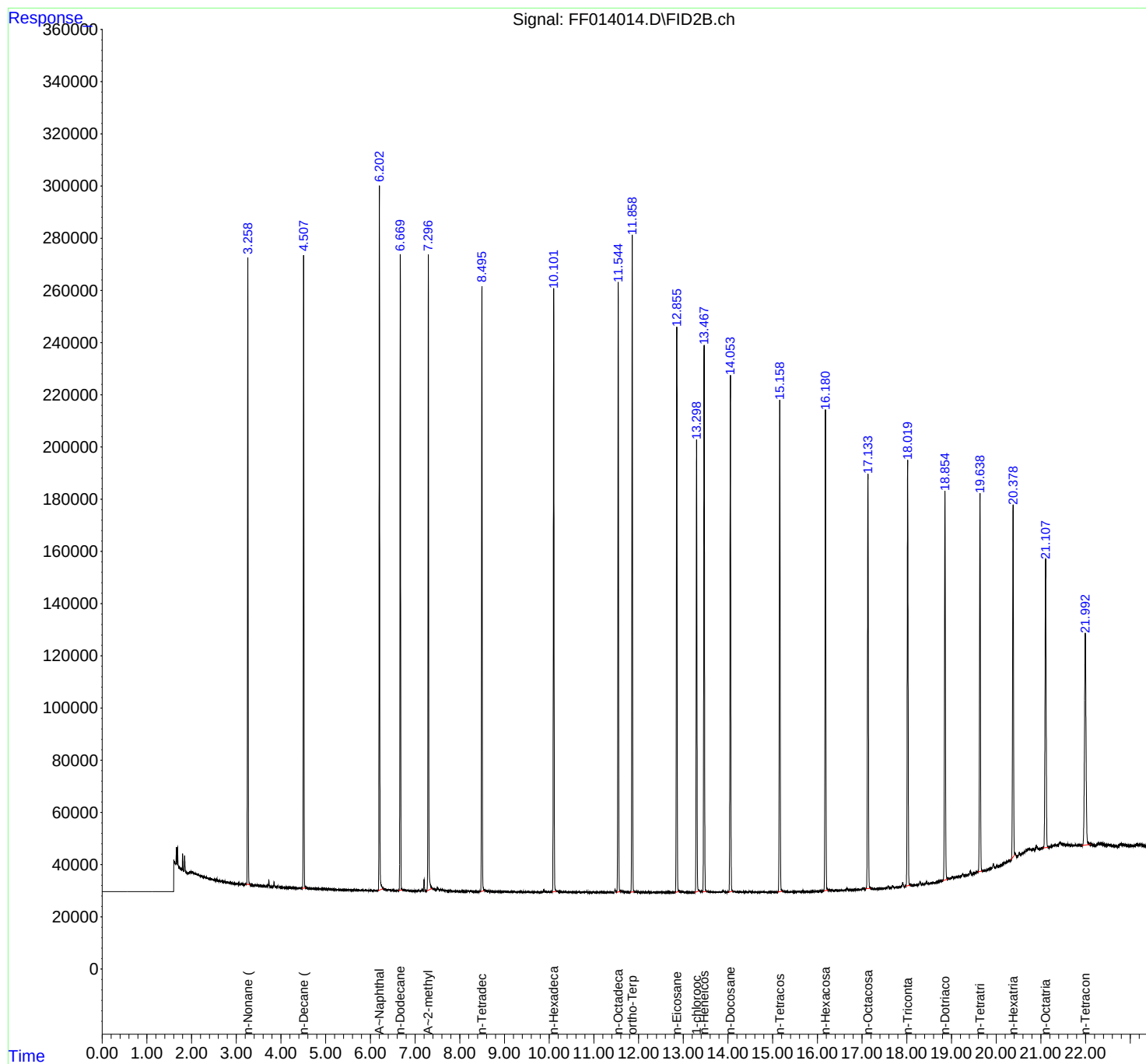
(m)=manual int.

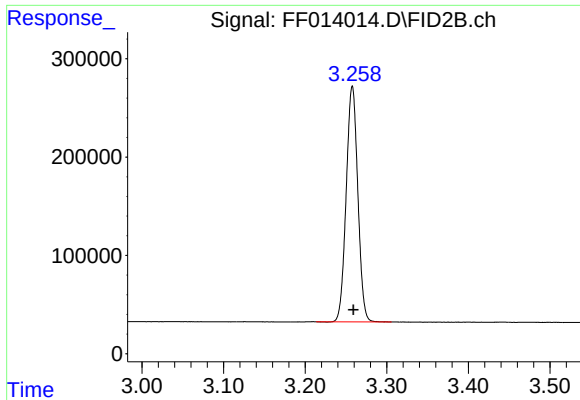
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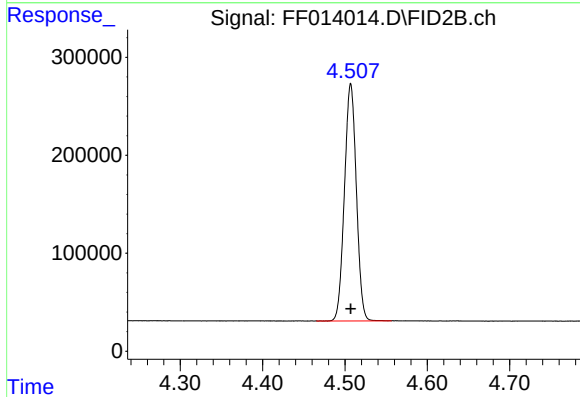




#1 n-Nonane (C9)

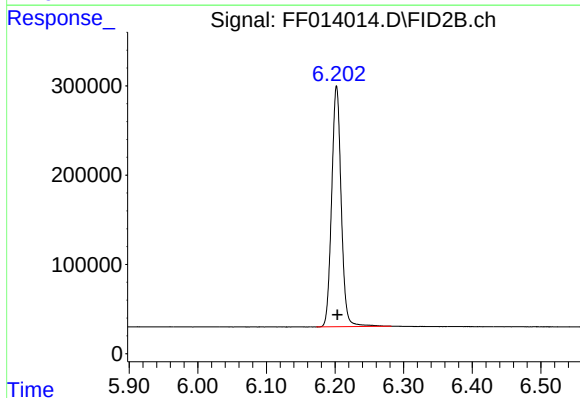
R.T.: 3.258 min
Delta R.T.: -0.001 min
Response: 2372735
Conc: 19.16 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



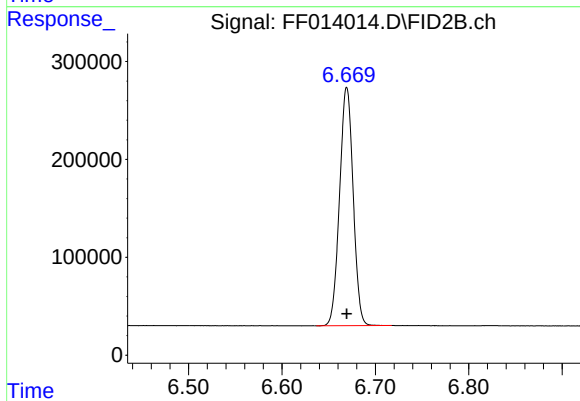
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2427843
Conc: 19.21 ug/ml



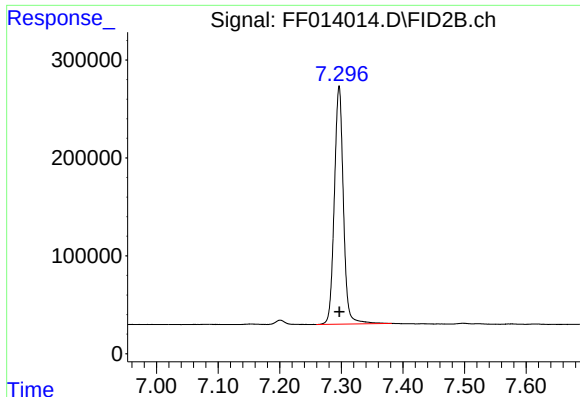
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 2604885
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

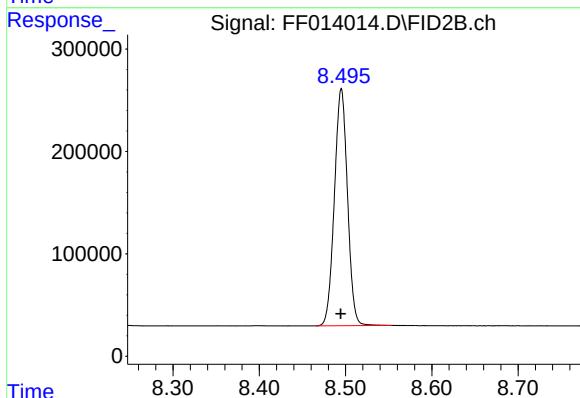
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 2460816
Conc: 19.23 ug/ml



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

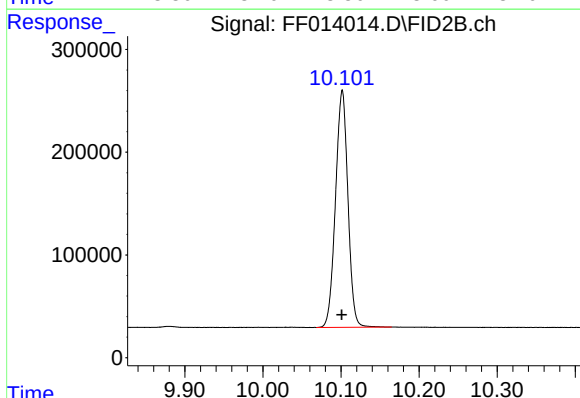
R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 2485992
Conc: 19.38 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



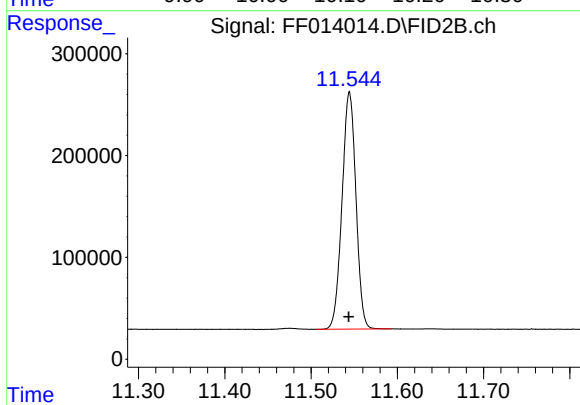
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 2444176
Conc: 19.29 ug/ml



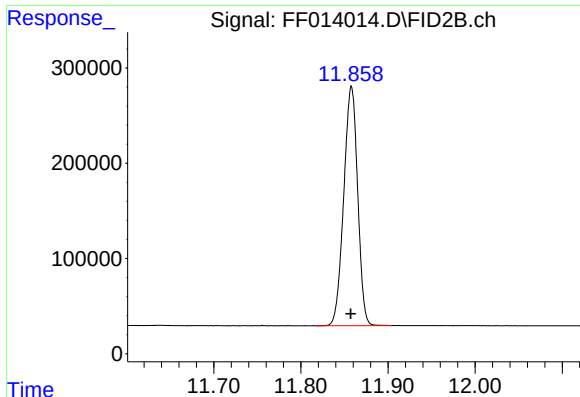
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 2546521
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

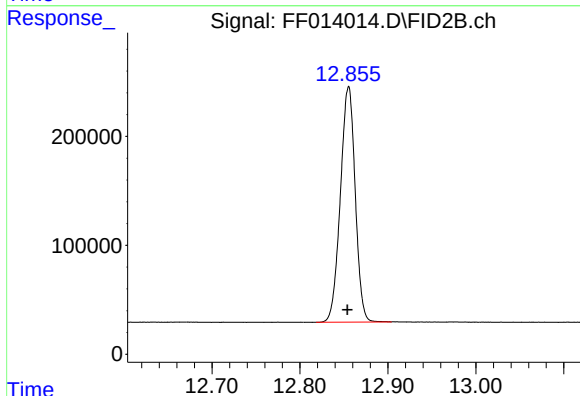
R.T.: 11.545 min
Delta R.T.: 0.000 min
Response: 2608904
Conc: 19.16 ug/ml



#9 ortho-Terphenyl (SURR)

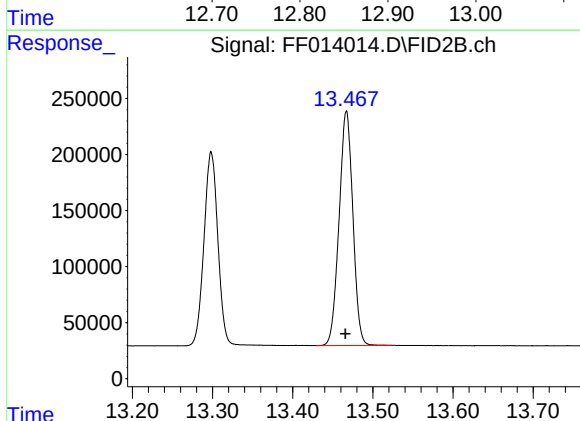
R.T.: 11.858 min
Delta R.T.: 0.000 min
Response: 2787702
Conc: 19.16 ug/ml

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20 PPM ALIPHATIC HC STD



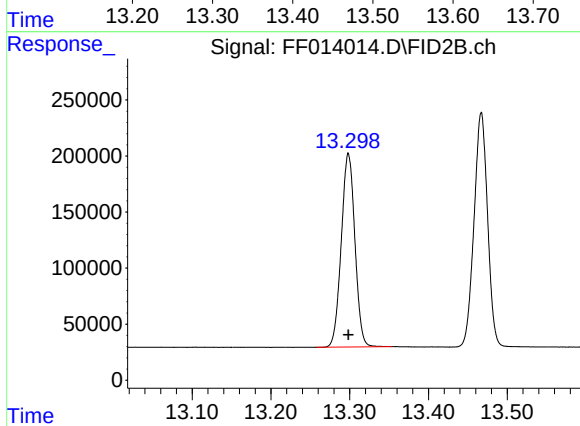
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2533168
Conc: 19.14 ug/ml



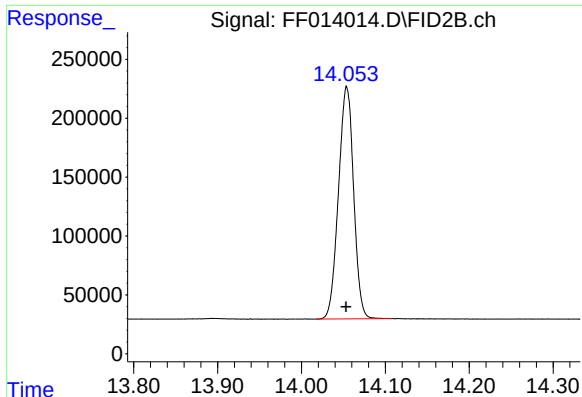
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: 0.001 min
Response: 2499584
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

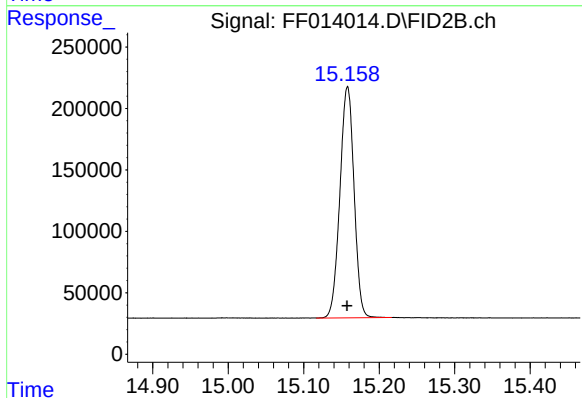
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 2076378
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

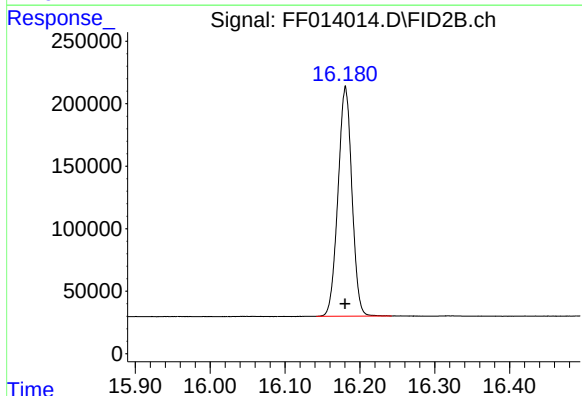
R.T.: 14.054 min
Delta R.T.: 0.000 min
Response: 2479596
Conc: 19.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



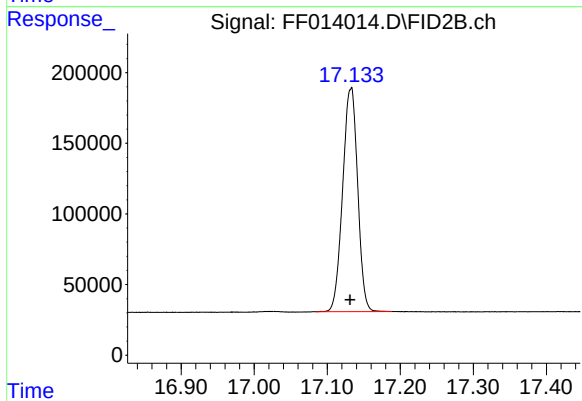
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: 0.000 min
Response: 2450646
Conc: 19.08 ug/ml



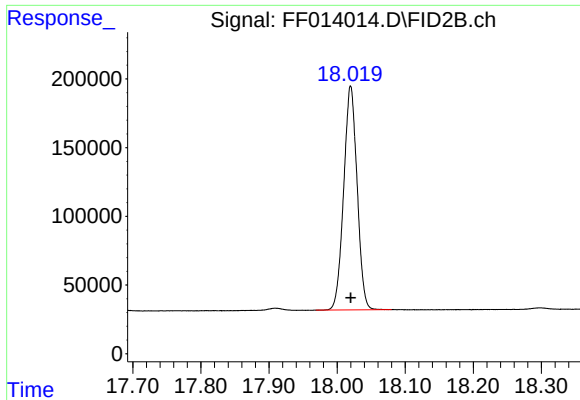
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 2369297
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

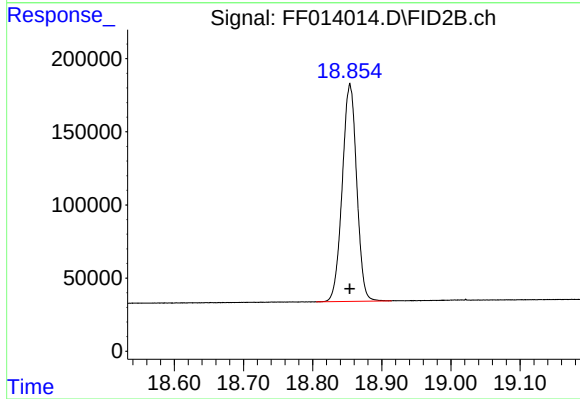
R.T.: 17.133 min
Delta R.T.: 0.001 min
Response: 2258767
Conc: 18.97 ug/ml



#17 n-Tricontane (C30)

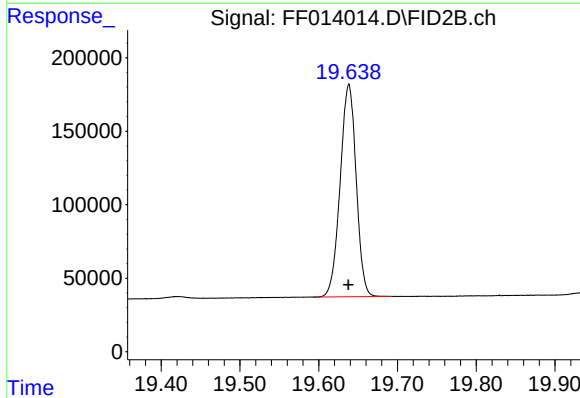
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 2233149
Conc: 19.00 ug/ml

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20 PPM ALIPHATIC HC STD



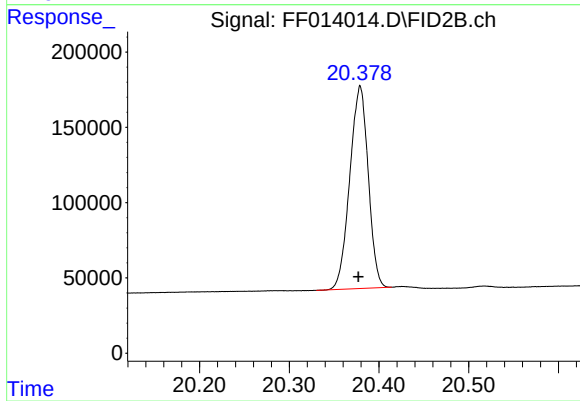
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.000 min
Response: 2157188
Conc: 19.05 ug/ml



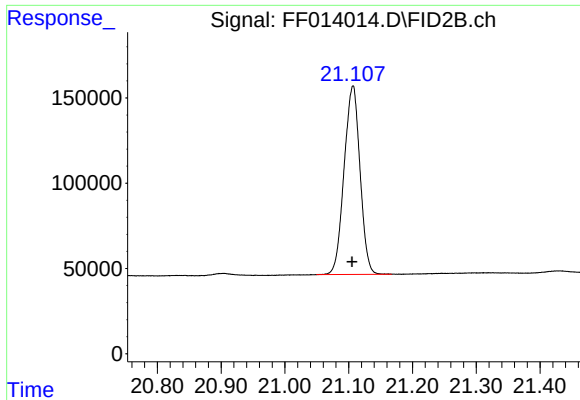
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 2044765
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

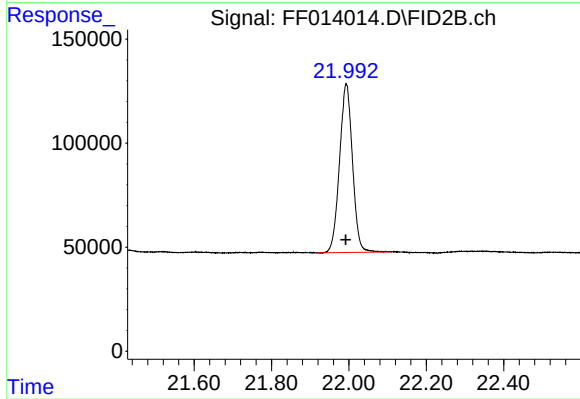
R.T.: 20.379 min
Delta R.T.: 0.002 min
Response: 1922713
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: 0.001 min
Response: 1916903
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.001 min
Response: 1878210
Conc: 18.66 ug/ml