

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040571.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 14:32
 Operator : YP\AJ
 Sample : 01627-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:46:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 2023
 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			
12) S 1-chlorooctadecane (S...	13.320	8087772	62.371 ug/ml
Spiked Amount 50.000		Recovery =	124.74%
Target Compounds			
1) T n-Nonane (C9)	3.280	429650	2.956 ug/ml
2) T n-Decane (C10)	4.526	528205	3.748 ug/ml
4) T n-Dodecane (C12)	6.688	648865	4.544 ug/ml
6) T n-Tetradecane (C14)	8.515	630413	4.358 ug/ml
7) T n-Hexadecane (C16)	10.121	712419	4.745 ug/ml
8) T n-Octadecane (C18)	11.563	846759	5.411 ug/ml
10) T n-Eicosane (C20)	12.871	909366	5.870 ug/ml
11) T n-Heneicosane (C21)	13.484	844992	5.399 ug/ml
13) T n-Docosane (C22)	14.070	936850	6.016 ug/ml
14) T n-Tetracosane (C24)	15.173	1040039	6.731 ug/ml
15) T n-Hexacosane (C26)	16.194	1019683	6.769 ug/ml
16) T n-Octacosane (C28)	17.144	1059756	7.165 ug/ml
17) T n-Tricontane (C30)	18.033	1061252	7.402 ug/ml
18) T n-Dotriacontane (C32)	18.866	1058046	7.481 ug/ml
19) T n-Tetratriacontane (C34)	19.651	930370	6.688 ug/ml
20) T n-Hexatriacontane (C36)	20.392	798513	5.796 ug/ml
21) T n-Octatriacontane (C38)	21.121	746913	5.573 ug/ml
22) T n-Tetracontane (C40)	22.014	777824	5.673 ug/ml

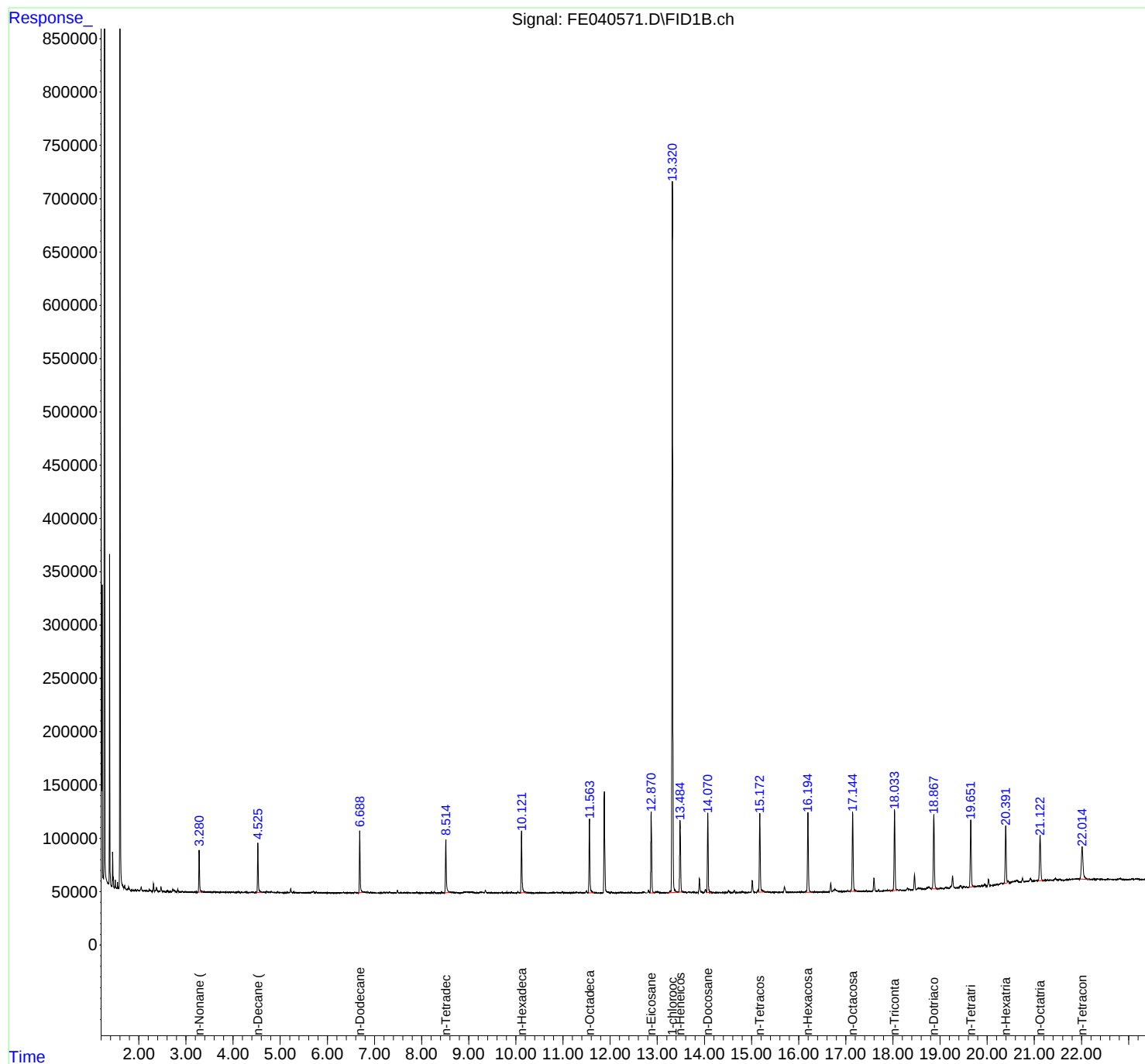
(f)=RT Delta > 1/2 Window

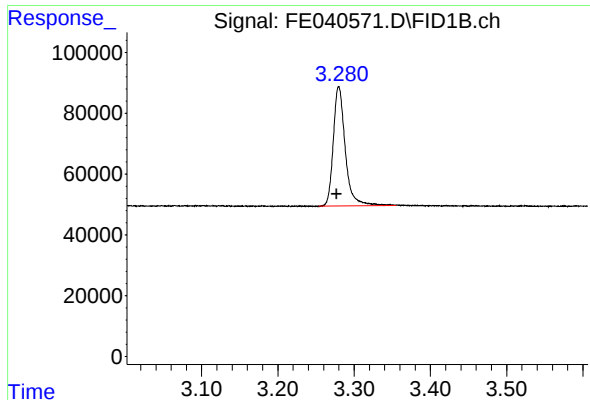
(m)=manual int.

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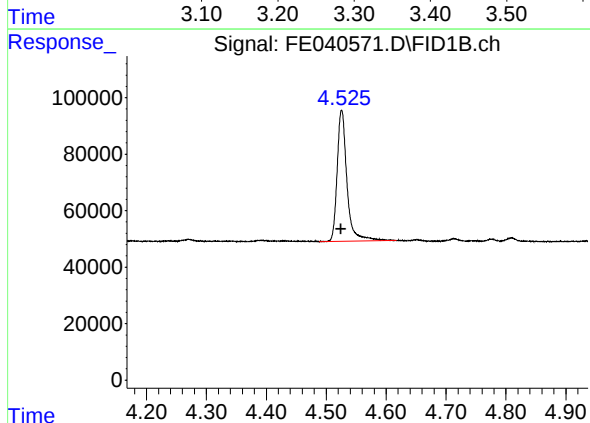
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Signal Info : 20M x 0.18mm x 0.18um





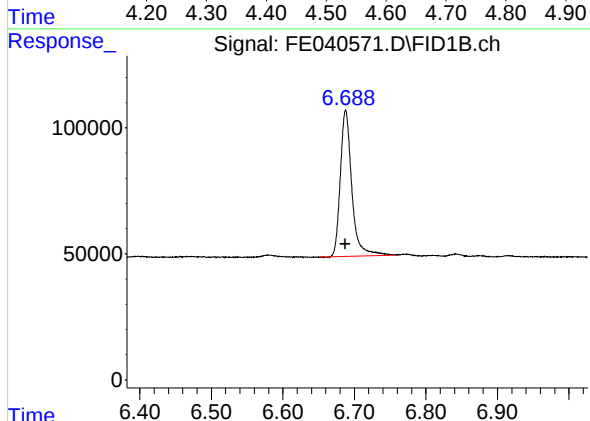
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 429650
Conc: 2.96 ug/ml



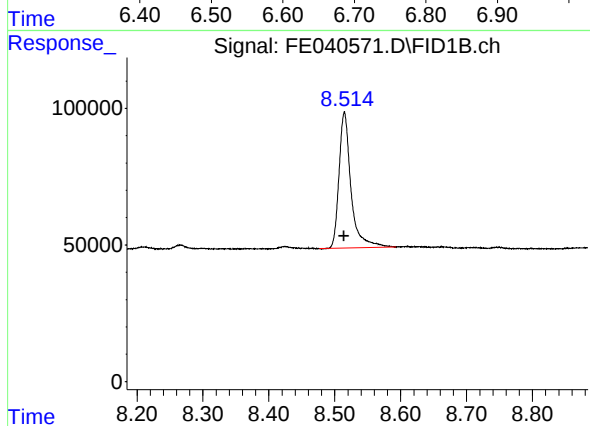
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 528205
Conc: 3.75 ug/ml



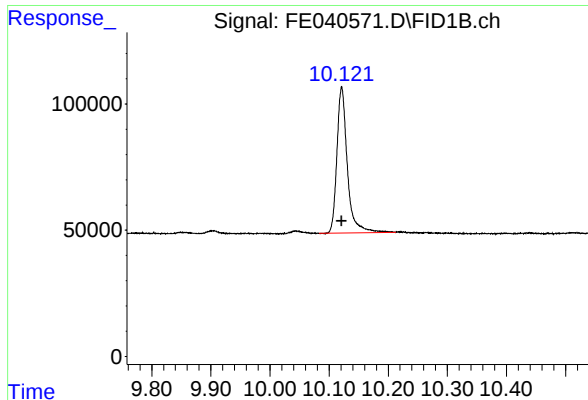
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 648865
Conc: 4.54 ug/ml



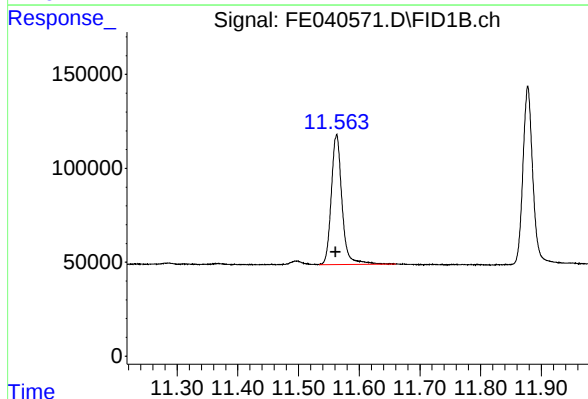
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 630413
Conc: 4.36 ug/ml



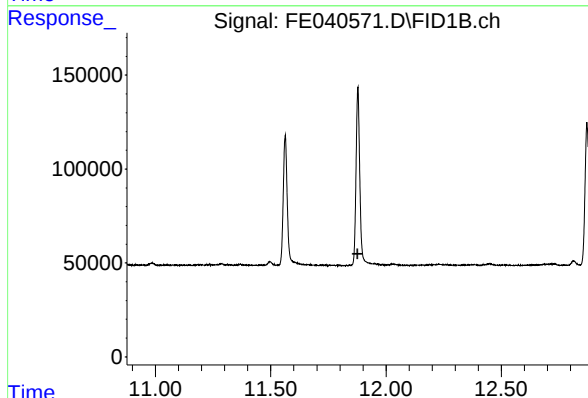
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 712419
Conc: 4.74 ug/ml



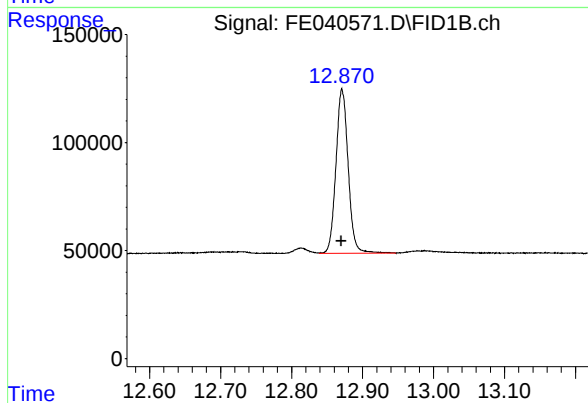
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.001 min
Response: 846759
Conc: 5.41 ug/ml



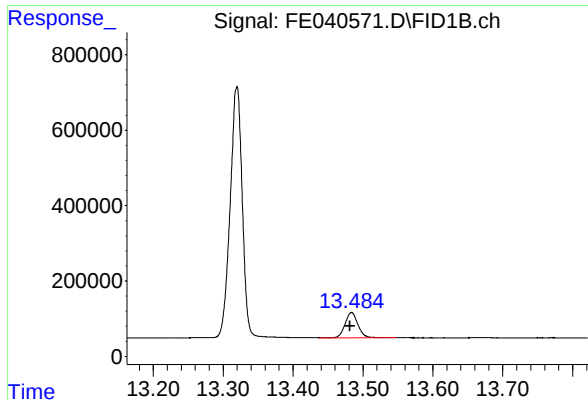
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.876 min
Response: 0
Conc: N.D.



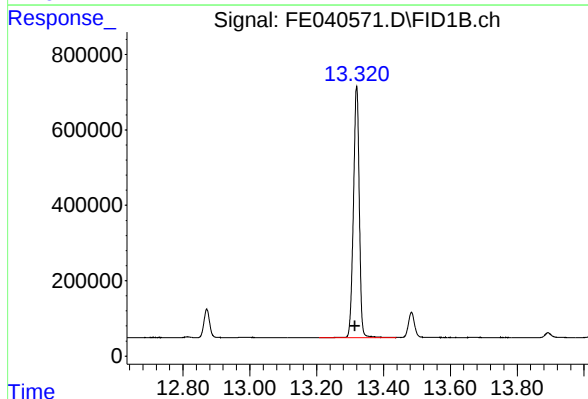
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.001 min
Response: 909366
Conc: 5.87 ug/ml



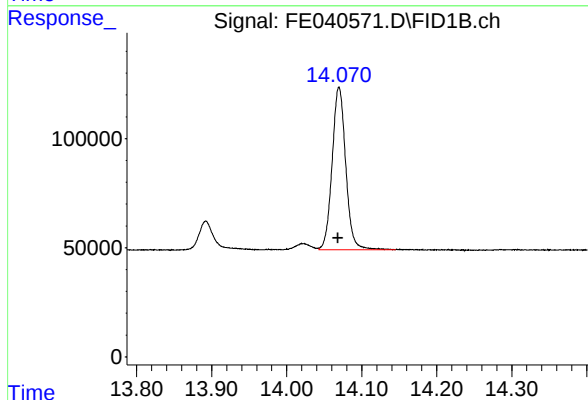
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.002 min
Response: 844992
Conc: 5.40 ug/ml



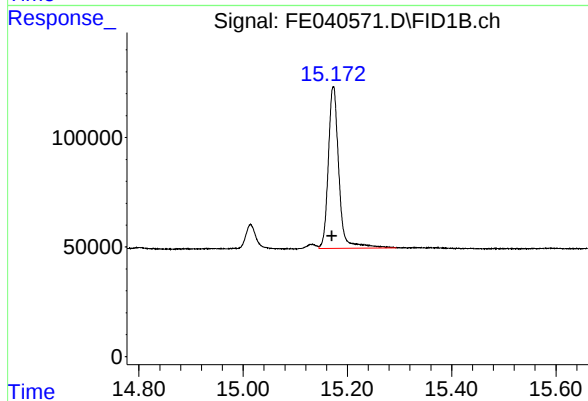
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.005 min
Response: 8087772
Conc: 62.37 ug/ml



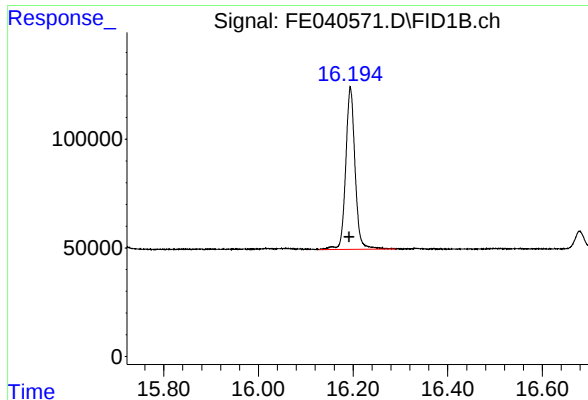
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.002 min
Response: 936850
Conc: 6.02 ug/ml



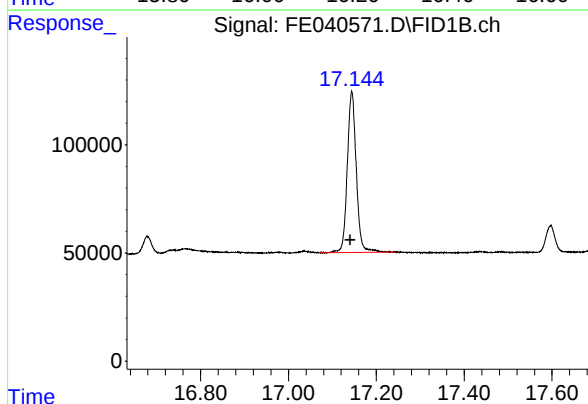
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.003 min
Response: 1040039
Conc: 6.73 ug/ml



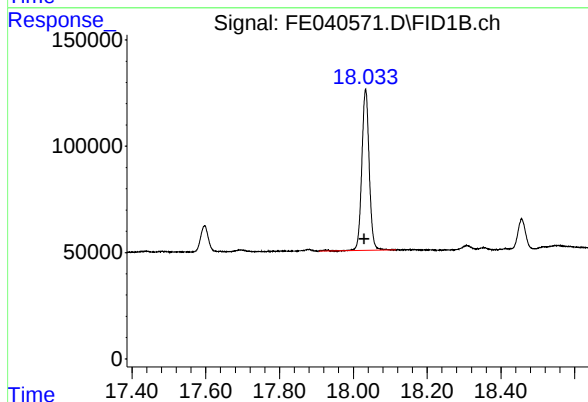
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.003 min
Response: 1019683
Conc: 6.77 ug/ml



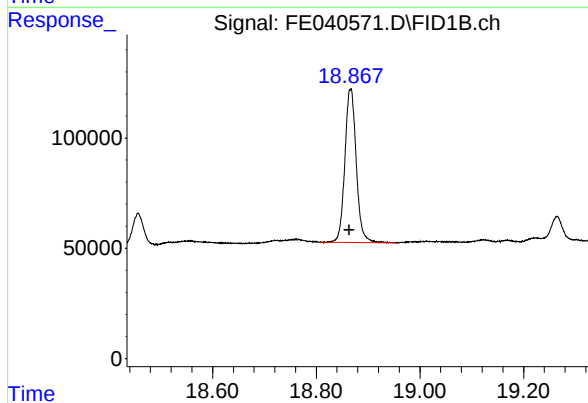
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.003 min
Response: 1059756
Conc: 7.17 ug/ml



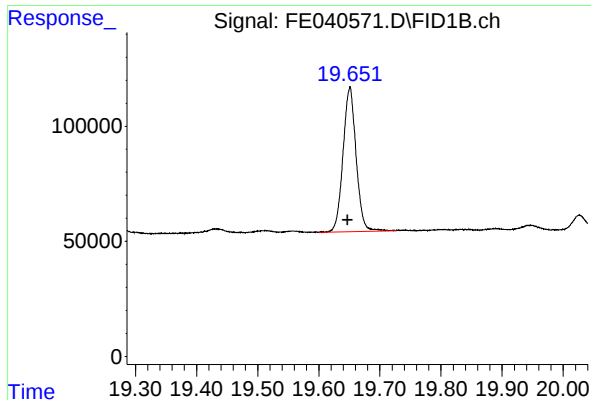
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.004 min
Response: 1061252
Conc: 7.40 ug/ml



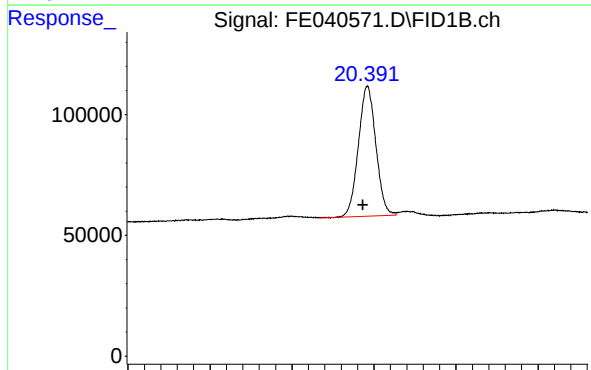
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.003 min
Response: 1058046
Conc: 7.48 ug/ml



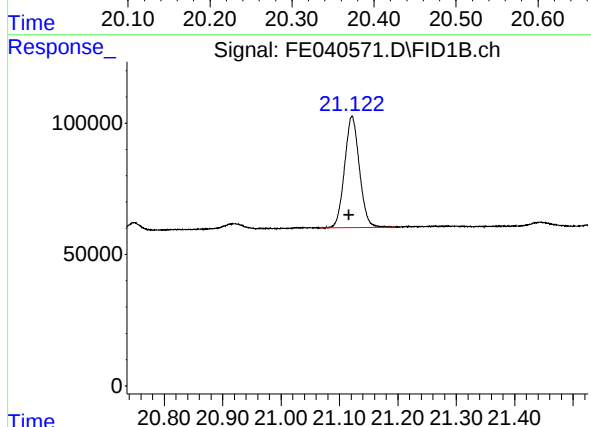
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.004 min
Response: 930370
Conc: 6.69 ug/ml



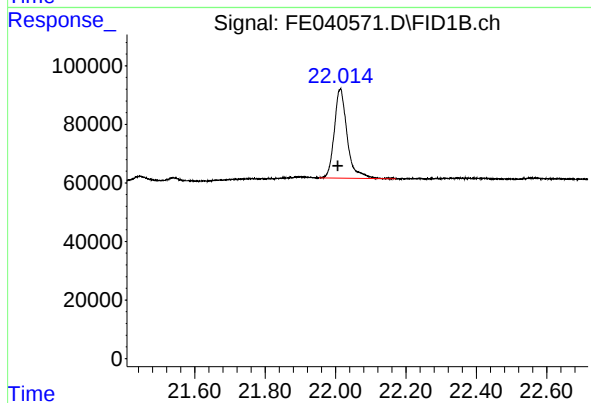
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.005 min
Response: 798513
Conc: 5.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.005 min
Response: 746913
Conc: 5.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.007 min
Response: 777824
Conc: 5.67 ug/ml