

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101122AL\
 Data File : FE038056.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2022 12:41
 Operator : YP\AJ
 Sample : N4955-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 12 05:09:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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...	13.020	4533643	33.542 ug/ml
Spiked Amount 50.000		Recovery =	67.08%
Target Compounds			
1) T n-Nonane (C9)	3.004	344754	2.341 ug/mlm
2) T n-Decane (C10)	4.258	378984	2.563 ug/mlm
4) T n-Dodecane (C12)	6.428	470654	3.089 ug/ml
6) T n-Tetradecane (C14)	8.245	547789	3.579 ug/ml
7) T n-Hexadecane (C16)	9.842	545596	3.493 ug/ml
8) T n-Octadecane (C18)	11.275	621976	3.878 ug/ml
10) T n-Eicosane (C20)	12.574	645657	3.959 ug/ml
11) T n-Heneicosane (C21)	13.182	660016	4.006 ug/ml
13) T n-Docosane (C22)	13.765	666031	4.046 ug/ml
14) T n-Tetracosane (C24)	14.861	663291	4.044 ug/ml
15) T n-Hexacosane (C26)	15.875	639950	3.925 ug/ml
16) T n-Octacosane (C28)	16.820	636630	3.974 ug/ml
17) T n-Tricontane (C30)	17.701	670540	4.190 ug/ml
18) T n-Dotriacontane (C32)	18.529	665032	4.223 ug/ml
19) T n-Tetratriacontane (C34)	19.308	615151	4.152 ug/ml
20) T n-Hexatriacontane (C36)	20.044	545260	3.782 ug/ml
21) T n-Octatriacontane (C38)	20.739	482603	3.556 ug/ml
22) T n-Tetracontane (C40)	21.504	469063	3.685 ug/ml

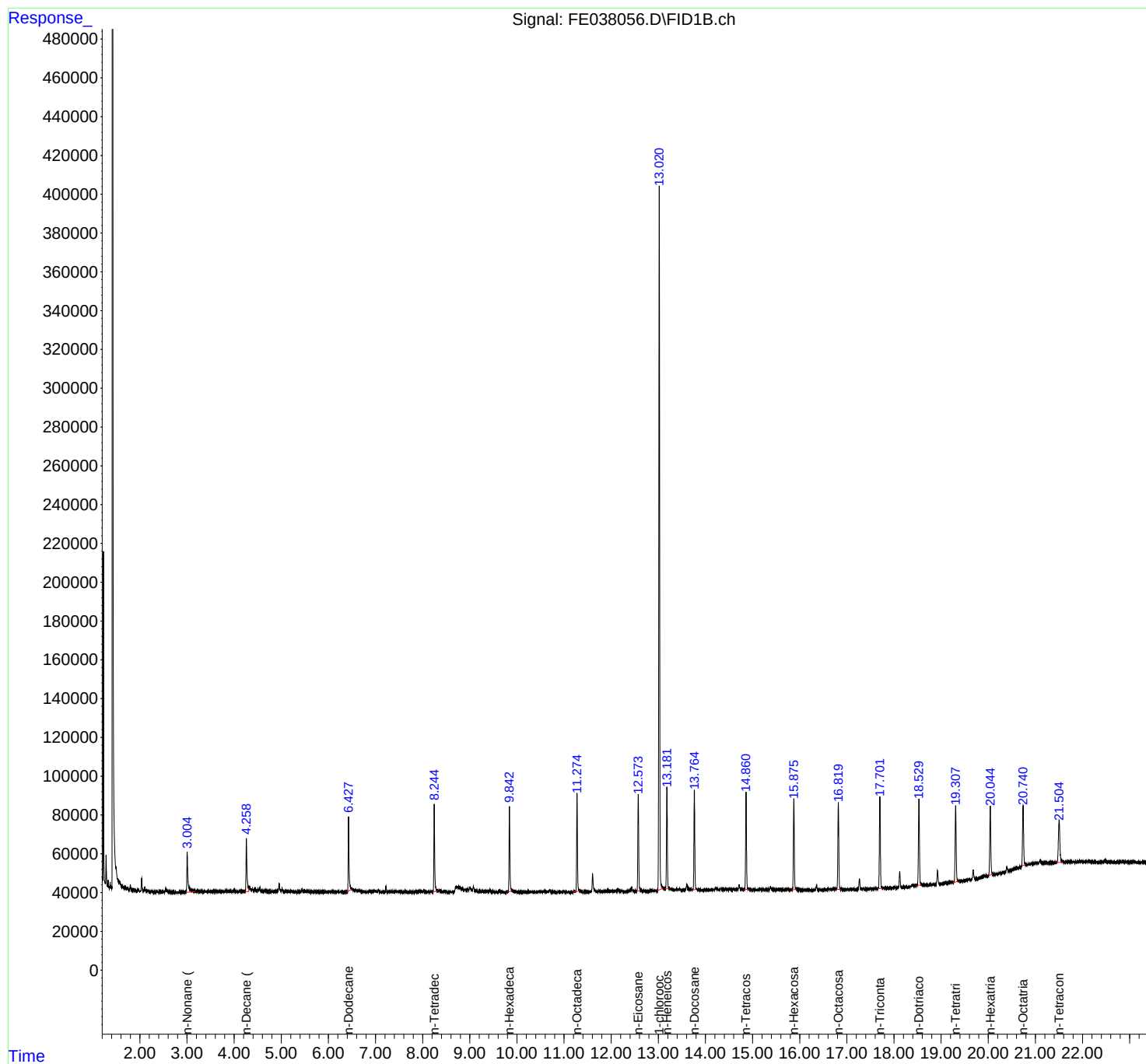
(f)=RT Delta > 1/2 Window

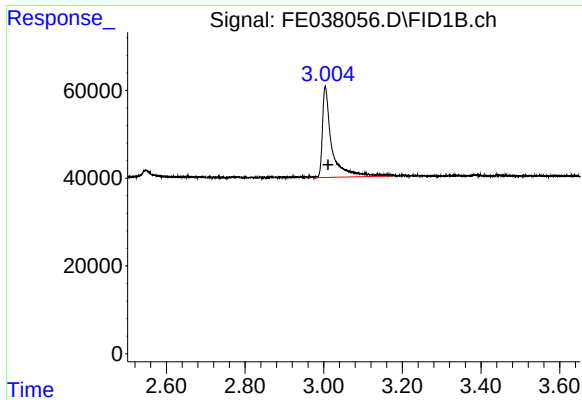
(m)=manual int.

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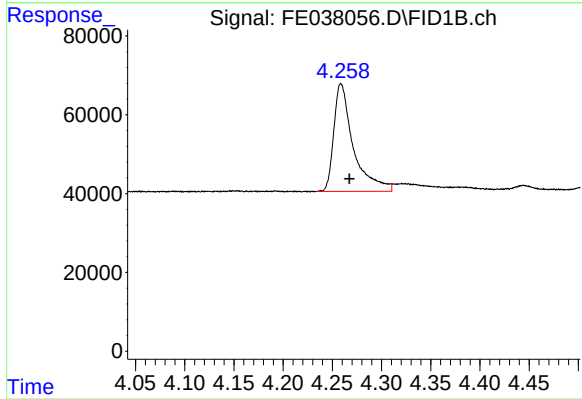
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Signal Info : 20M x 0.18mm x 0.18um





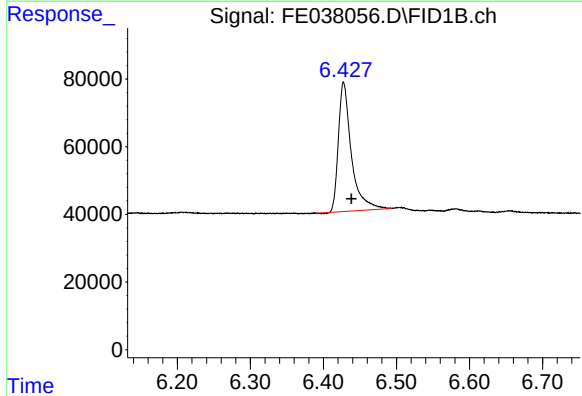
#1 n-Nonane (C9)

R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 344754
Conc: 2.34 ug/ml m



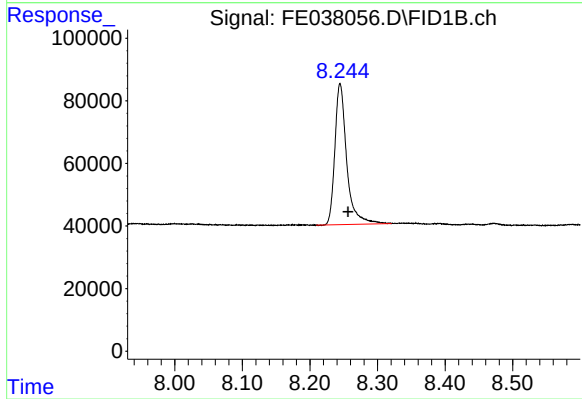
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: -0.009 min
Response: 378984
Conc: 2.56 ug/ml m



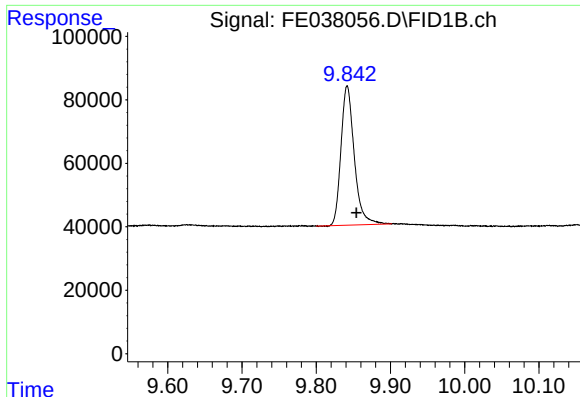
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.011 min
Response: 470654
Conc: 3.09 ug/ml



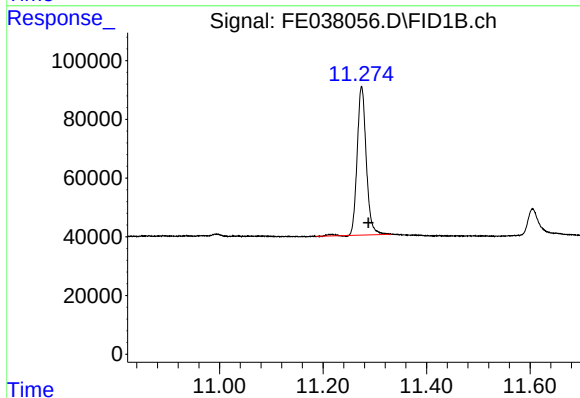
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 547789
Conc: 3.58 ug/ml



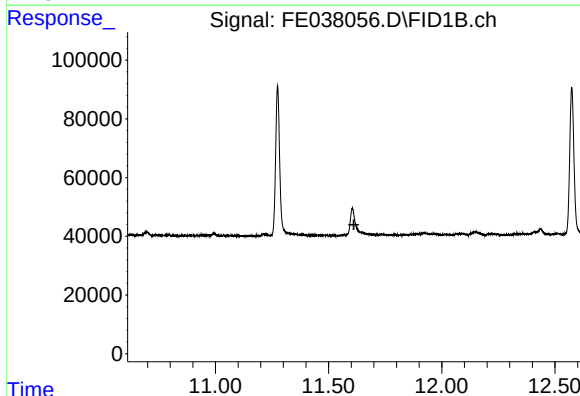
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.012 min
Response: 545596
Conc: 3.49 ug/ml



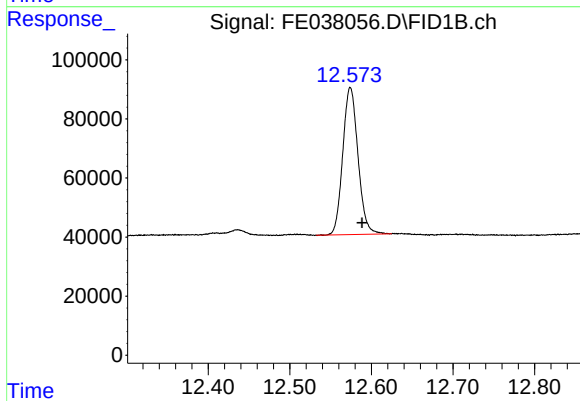
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 621976
Conc: 3.88 ug/ml



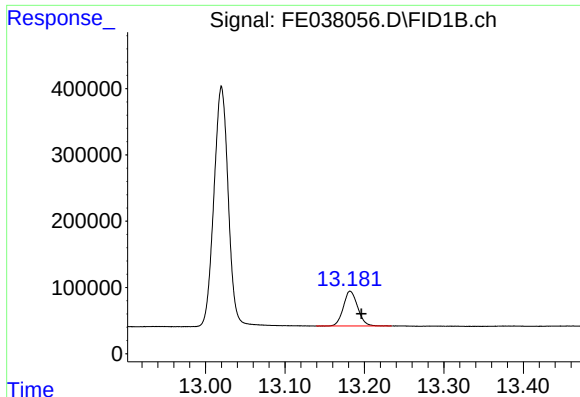
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.612 min
Response: 0
Conc: N.D.



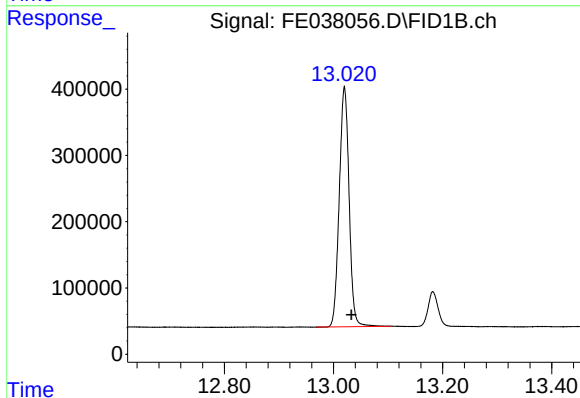
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.014 min
Response: 645657
Conc: 3.96 ug/ml



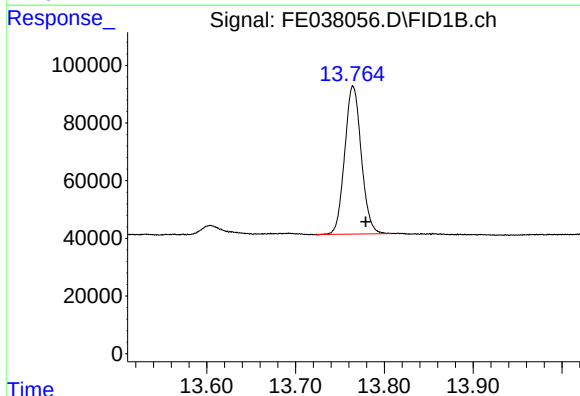
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.014 min
Response: 660016
Conc: 4.01 ug/ml



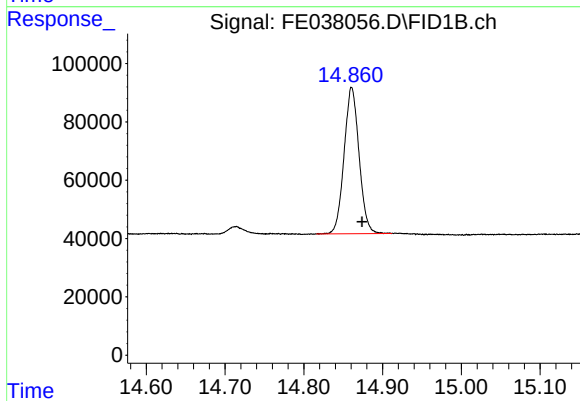
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: -0.013 min
Response: 4533643
Conc: 33.54 ug/ml



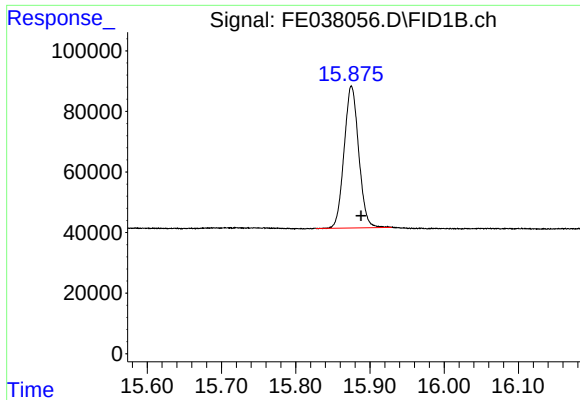
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.014 min
Response: 666031
Conc: 4.05 ug/ml



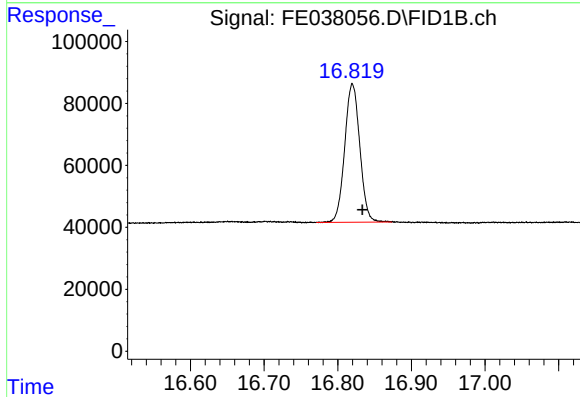
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.013 min
Response: 663291
Conc: 4.04 ug/ml



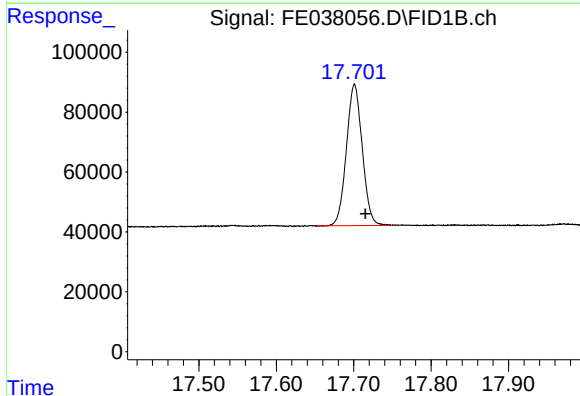
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.013 min
Response: 639950
Conc: 3.92 ug/ml



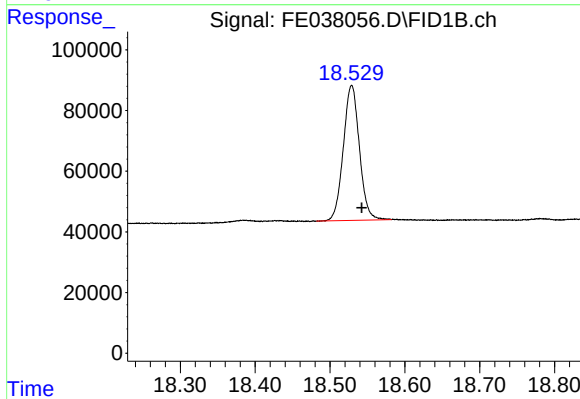
#16 n-Octacosane (C28)

R.T.: 16.820 min
Delta R.T.: -0.014 min
Response: 636630
Conc: 3.97 ug/ml



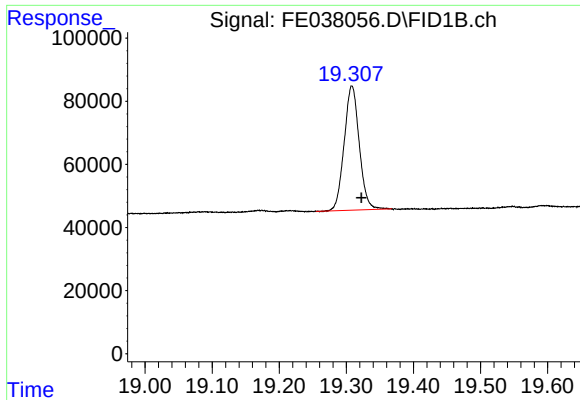
#17 n-Tricontane (C30)

R.T.: 17.701 min
Delta R.T.: -0.014 min
Response: 670540
Conc: 4.19 ug/ml



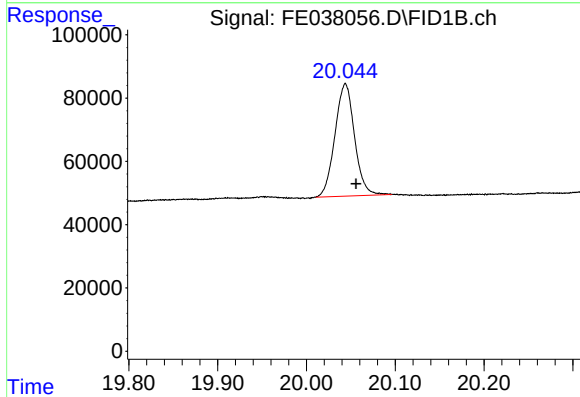
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.013 min
Response: 665032
Conc: 4.22 ug/ml



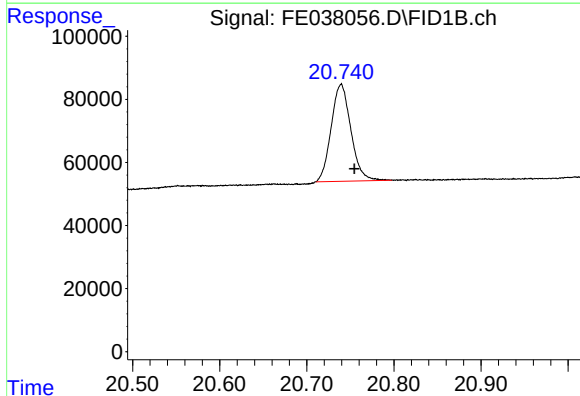
#19 n-Tetratriacontane (C34)

R.T.: 19.308 min
Delta R.T.: -0.014 min
Response: 615151
Conc: 4.15 ug/ml



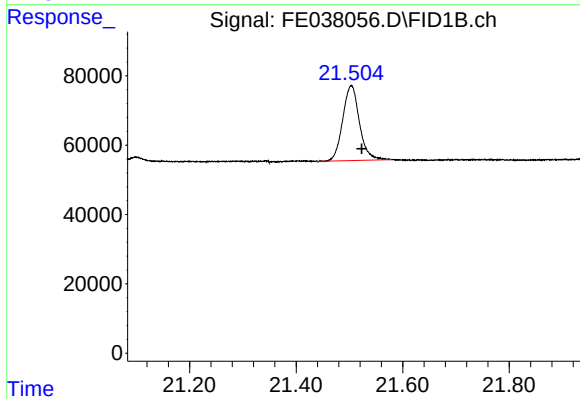
#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.012 min
Response: 545260
Conc: 3.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: -0.015 min
Response: 482603
Conc: 3.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.020 min
Response: 469063
Conc: 3.68 ug/ml