

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046602.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 04:35
 Operator : YP\AJ
 Sample : P1187-08
 Misc : ALIPHATIC LOQ 5 PPM
 ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:26:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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			
12) S 1-chlorooctadecane (S...	13.257	4804406	33.768 ug/ml
Spiked Amount 50.000		Recovery =	67.54%
Target Compounds			
1) T n-Nonane (C9)	3.203	489084	3.028 ug/ml
2) T n-Decane (C10)	4.453	628799	3.837 ug/ml
4) T n-Dodecane (C12)	6.620	829684	5.016 ug/ml
6) T n-Tetradecane (C14)	8.447	753687	4.599 ug/ml
7) T n-Hexadecane (C16)	10.056	791388	4.631 ug/ml
8) T n-Octadecane (C18)	11.500	842320	4.832 ug/ml
10) T n-Eicosane (C20)	12.809	884027	5.207 ug/ml
11) T n-Heneicosane (C21)	13.421	869992	5.216 ug/ml
13) T n-Docosane (C22)	14.008	845401	5.103 ug/ml
14) T n-Tetracosane (C24)	15.112	840645	5.095 ug/ml
15) T n-Hexacosane (C26)	16.134	823398	5.102 ug/ml
16) T n-Octacosane (C28)	17.087	836457	5.328 ug/ml
17) T n-Tricontane (C30)	17.975	861383	5.499 ug/ml
18) T n-Dotriacontane (C32)	18.809	863785	5.714 ug/ml
19) T n-Tetratriacontane (C34)	19.595	824715	5.815 ug/ml
20) T n-Hexatriacontane (C36)	20.337	774554	5.619 ug/ml
21) T n-Octatriacontane (C38)	21.064	750001	5.850 ug/ml
22) T n-Tetracontane (C40)	21.952	703247	5.624 ug/ml

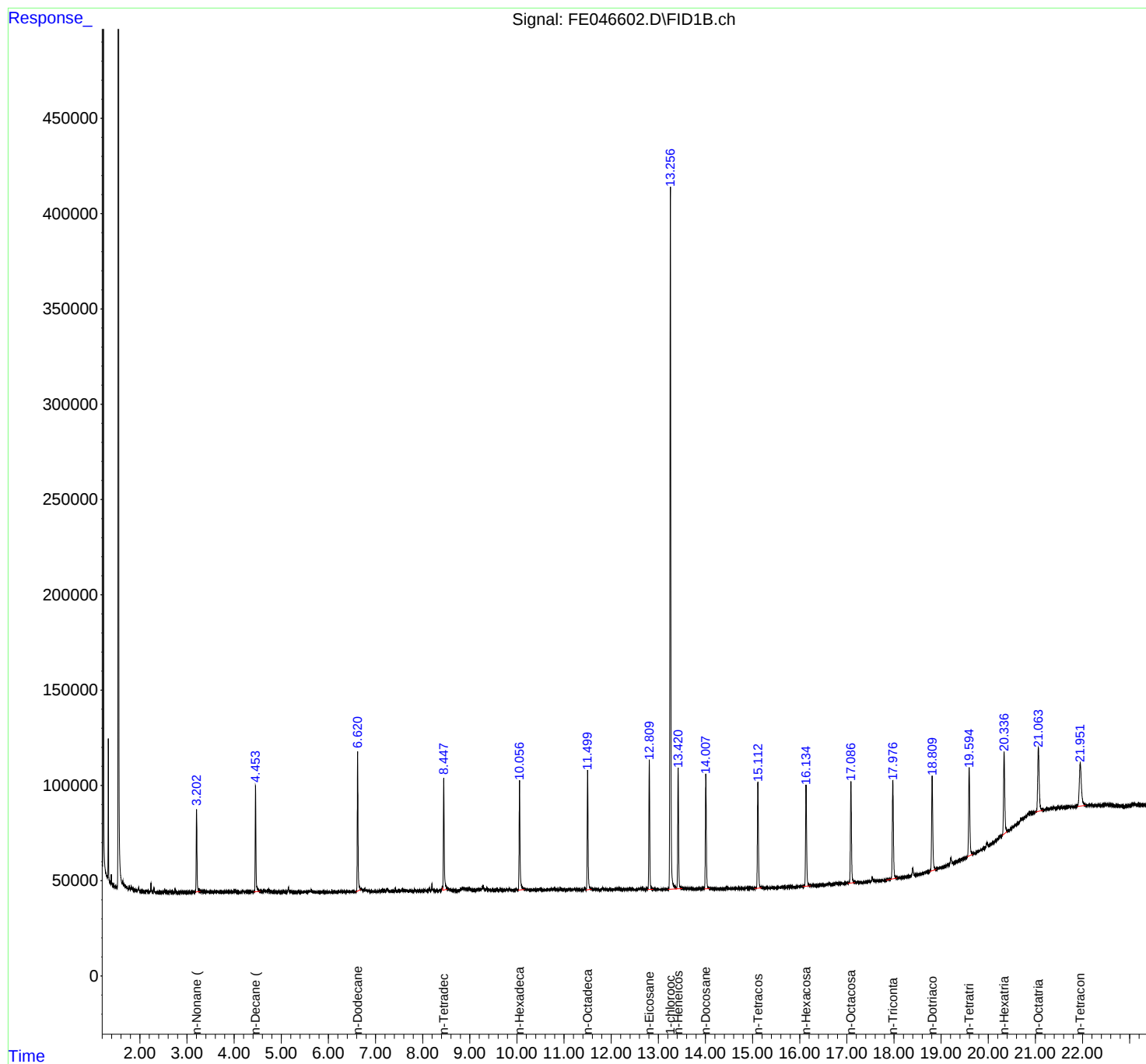
(f)=RT Delta > 1/2 Window

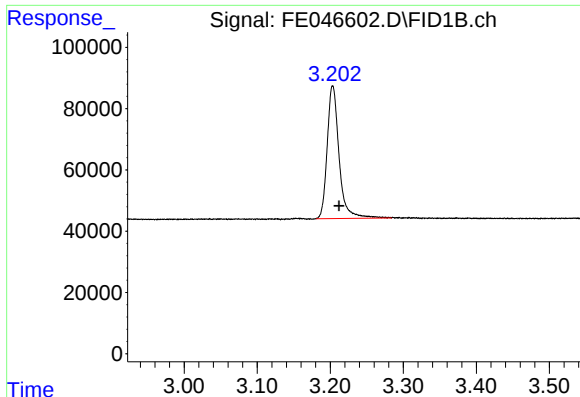
(m)=manual int.

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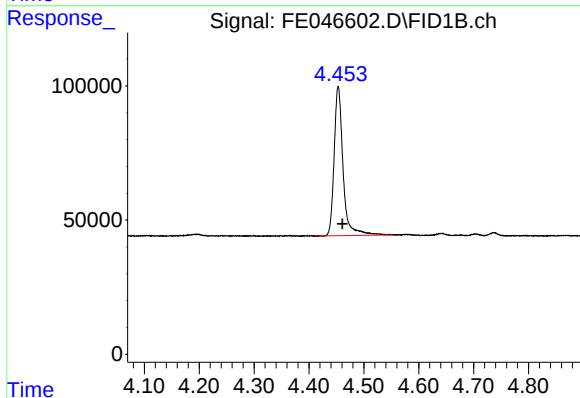
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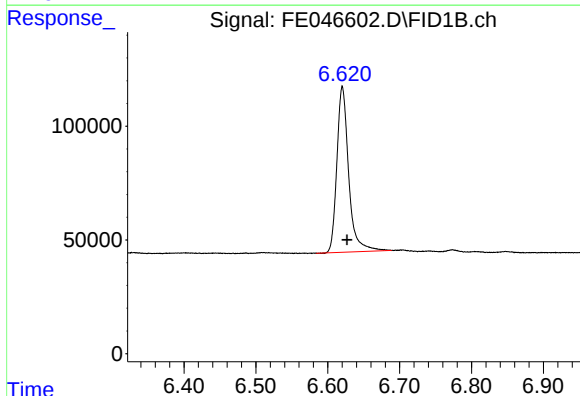
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 489084
Conc: 3.03 ug/ml



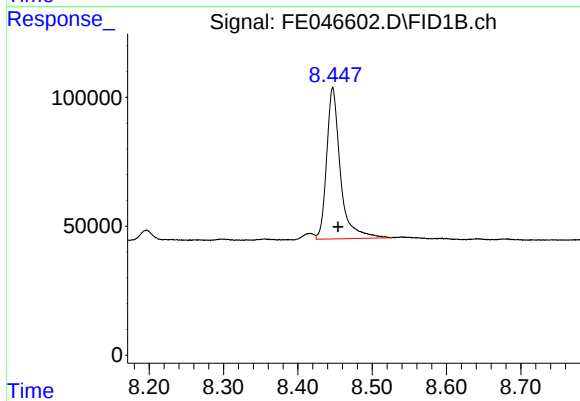
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.007 min
Response: 628799
Conc: 3.84 ug/ml



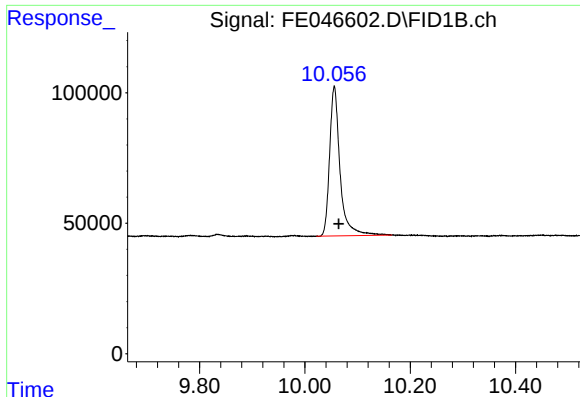
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.006 min
Response: 829684
Conc: 5.02 ug/ml



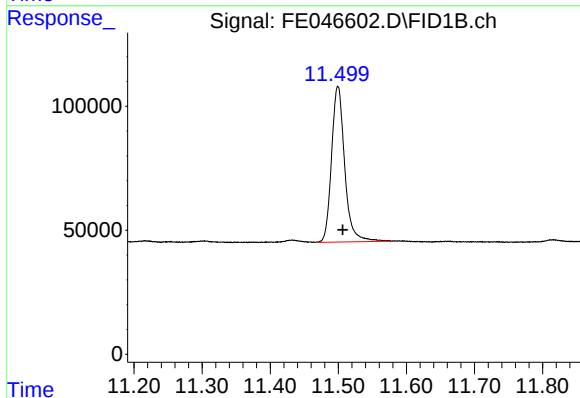
#6 n-Tetradecane (C14)

R.T.: 8.447 min
Delta R.T.: -0.007 min
Response: 753687
Conc: 4.60 ug/ml



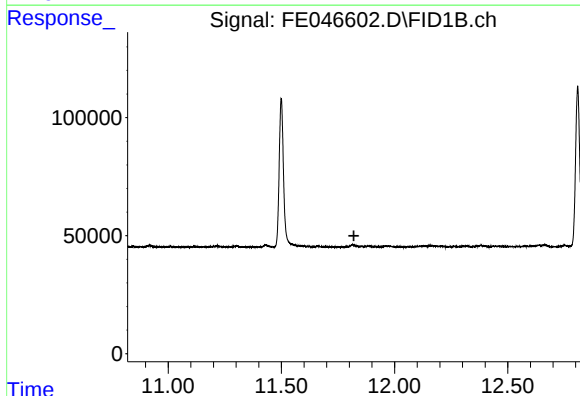
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 791388
Conc: 4.63 ug/ml



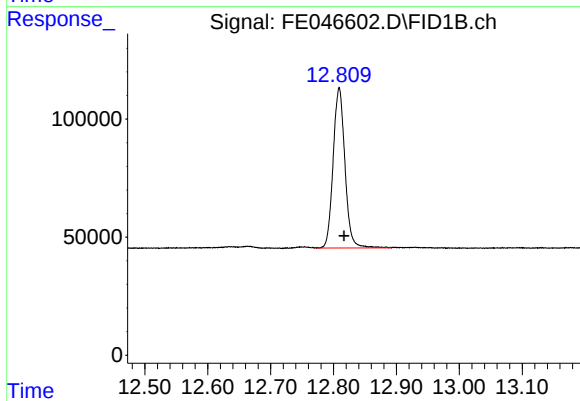
#8 n-Octadecane (C18)

R.T.: 11.500 min
Delta R.T.: -0.007 min
Response: 842320
Conc: 4.83 ug/ml



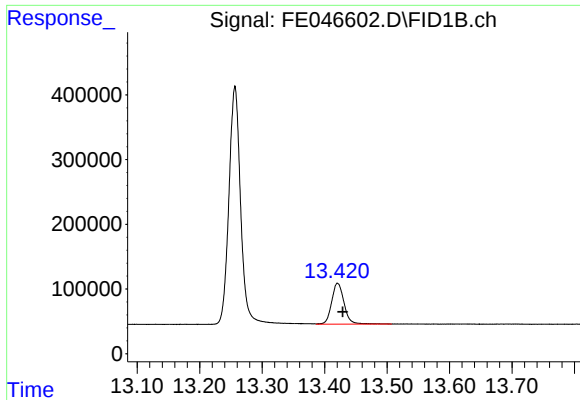
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.820 min
Response: 0
Conc: N.D.



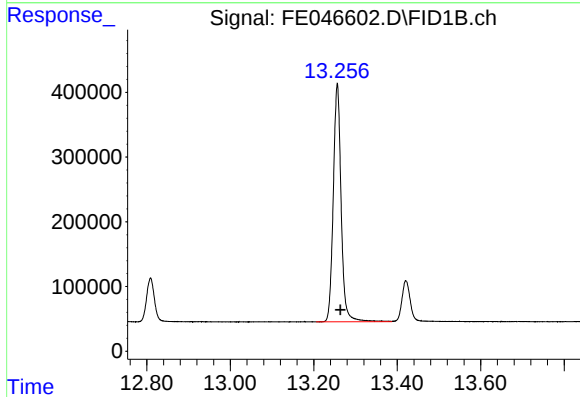
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 884027
Conc: 5.21 ug/ml



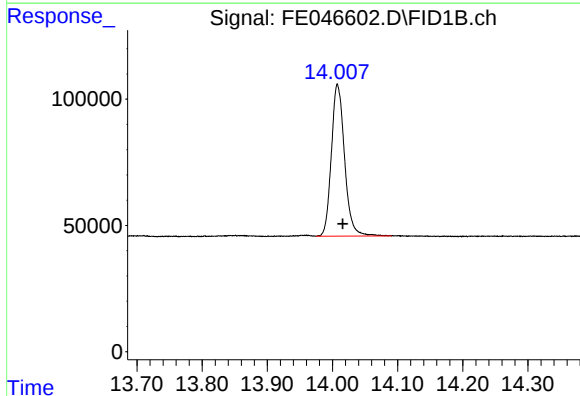
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.009 min
Response: 869992
Conc: 5.22 ug/ml



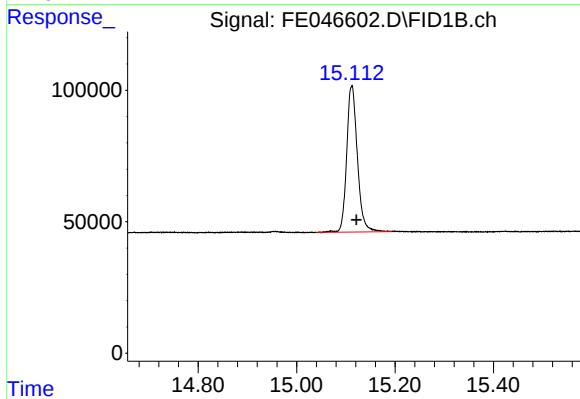
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.007 min
Response: 4804406
Conc: 33.77 ug/ml



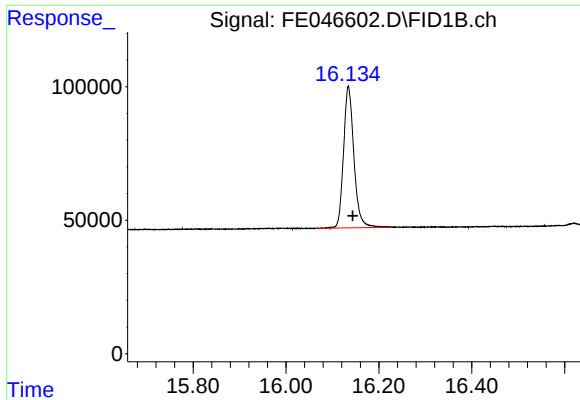
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.008 min
Response: 845401
Conc: 5.10 ug/ml



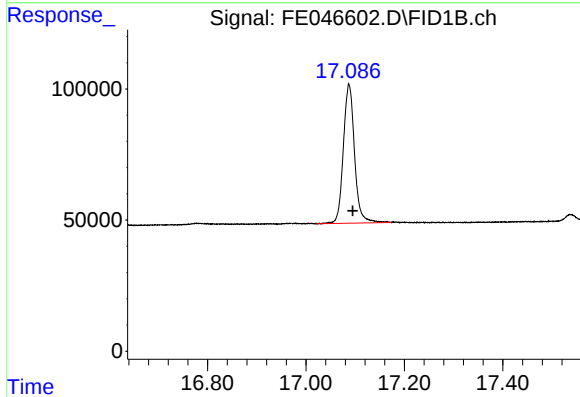
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.009 min
Response: 840645
Conc: 5.09 ug/ml



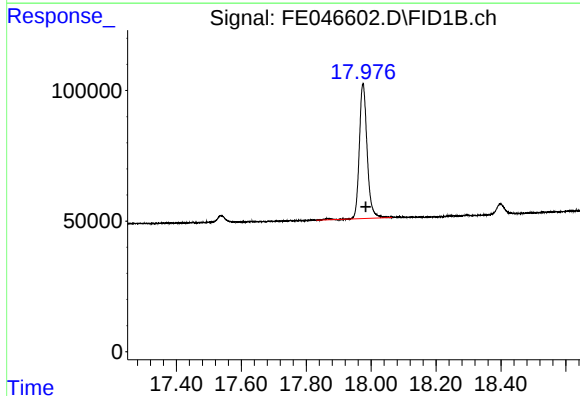
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.010 min
Response: 823398
Conc: 5.10 ug/ml



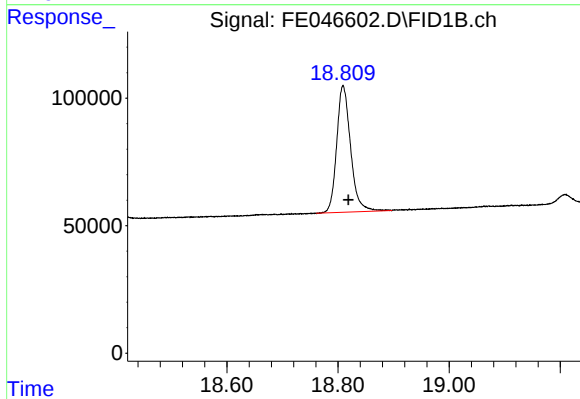
#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 836457
Conc: 5.33 ug/ml



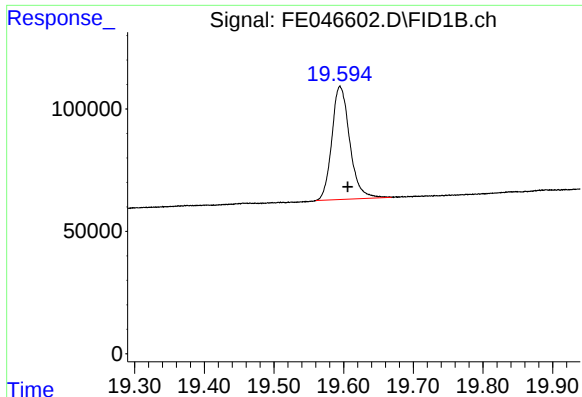
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.009 min
Response: 861383
Conc: 5.50 ug/ml



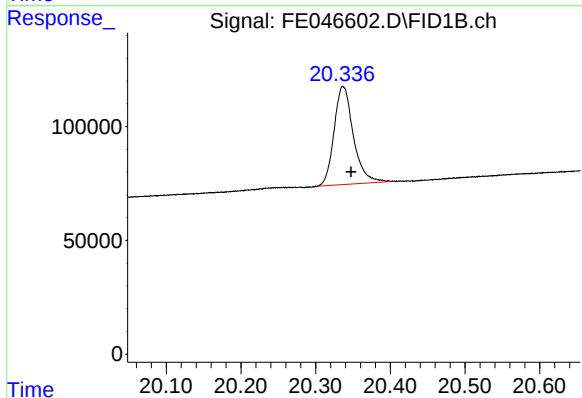
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.010 min
Response: 863785
Conc: 5.71 ug/ml



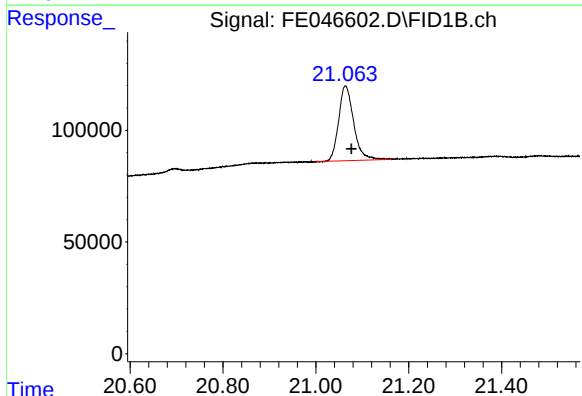
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.011 min
Response: 824715
Conc: 5.81 ug/ml



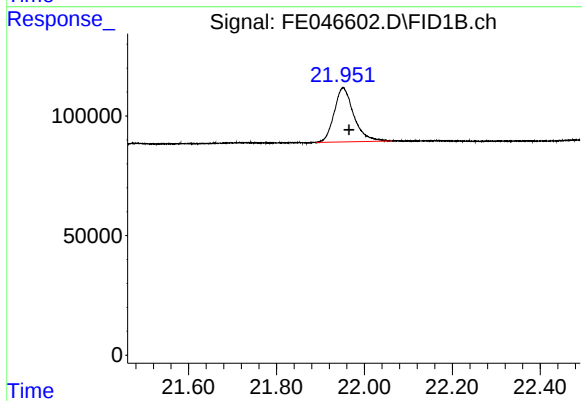
#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.011 min
Response: 774554
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: -0.013 min
Response: 750001
Conc: 5.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.013 min
Response: 703247
Conc: 5.62 ug/ml